

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037371.D
 Acq On : 16 Oct 2018 22:42
 Operator : JU/SJ
 Sample : PB113872BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BS

Quant Time: Oct 17 01:41:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59521	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	257085	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	174753	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	433163	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	395830	20.00	ng	-0.02
87) Perylene-d12	25.12	264	413949	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	448850	132.72	ng	0.00
7) Phenol-d6	7.26	99	643052	125.27	ng	0.00
23) Nitrobenzene-d5	9.29	82	358824	91.76	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	238916	139.40	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	866234	74.44	ng	-0.02
79) Terphenyl-d14	20.09	244	1388399	73.65	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	46727	24.600	ng	98
3) Pyridine	3.93	79	144361	32.010	ng	95
4) n-Nitrosodimethylamine	3.86	42	65754	37.544	ng	84
6) Aniline	7.43	93	186490	27.752	ng	97
8) 2-Chlorophenol	7.67	128	177081	44.737	ng	99
9) Benzaldehyde	7.25	77	89649	25.365	ng	94
10) Phenol	7.28	94	236307	43.708	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	156851	35.511	ng	95
12) 1,3-Dichlorobenzene	8.00	146	168551	36.222	ng	96
13) 1,4-Dichlorobenzene	8.15	146	171950	36.499	ng	96
14) 1,2-Dichlorobenzene	8.47	146	164794	36.098	ng	98
15) Benzyl Alcohol	8.35	79	161785	40.291	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	283607	32.480	ng	96
17) 2-Methylphenol	8.54	107	162389	44.848	ng	98
18) Hexachloroethane	9.20	117	60021	37.327	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	133637	34.385	ng	96
20) 3+4-Methylphenols	8.87	107	225328	44.505	ng	98
22) Acetophenone	8.94	105	256482	39.577	ng	# 96
24) Nitrobenzene	9.33	77	189652	45.281	ng	94
25) Isophorone	9.85	82	385881	43.227	ng	95
26) 2-Nitrophenol	10.04	139	88811	54.734	ng	99
27) 2,4-Dimethylphenol	10.08	122	191386	51.293	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	233806	41.864	ng	96
29) 2,4-Dichlorophenol	10.57	162	192351	50.785	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	178853	38.805	ng	98
31) Naphthalene	10.99	128	534907	42.813	ng	98
32) Benzoic acid	10.20	122	110561	53.663	ng	91
33) 4-Chloroaniline	11.09	127	118606	20.236	ng	95
34) Hexachlorobutadiene	11.25	225	103522	36.169	ng	97
35) Caprolactam	11.88	113	74674	48.362	ng	91
36) 4-Chloro-3-methylphenol	12.19	107	213899	47.819	ng	97
37) 2-Methylnaphthalene	12.58	142	410154	44.983	ng	100
38) 1-Methylnaphthalene	12.80	142	393808	44.222	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	211223	37.324	ng	98

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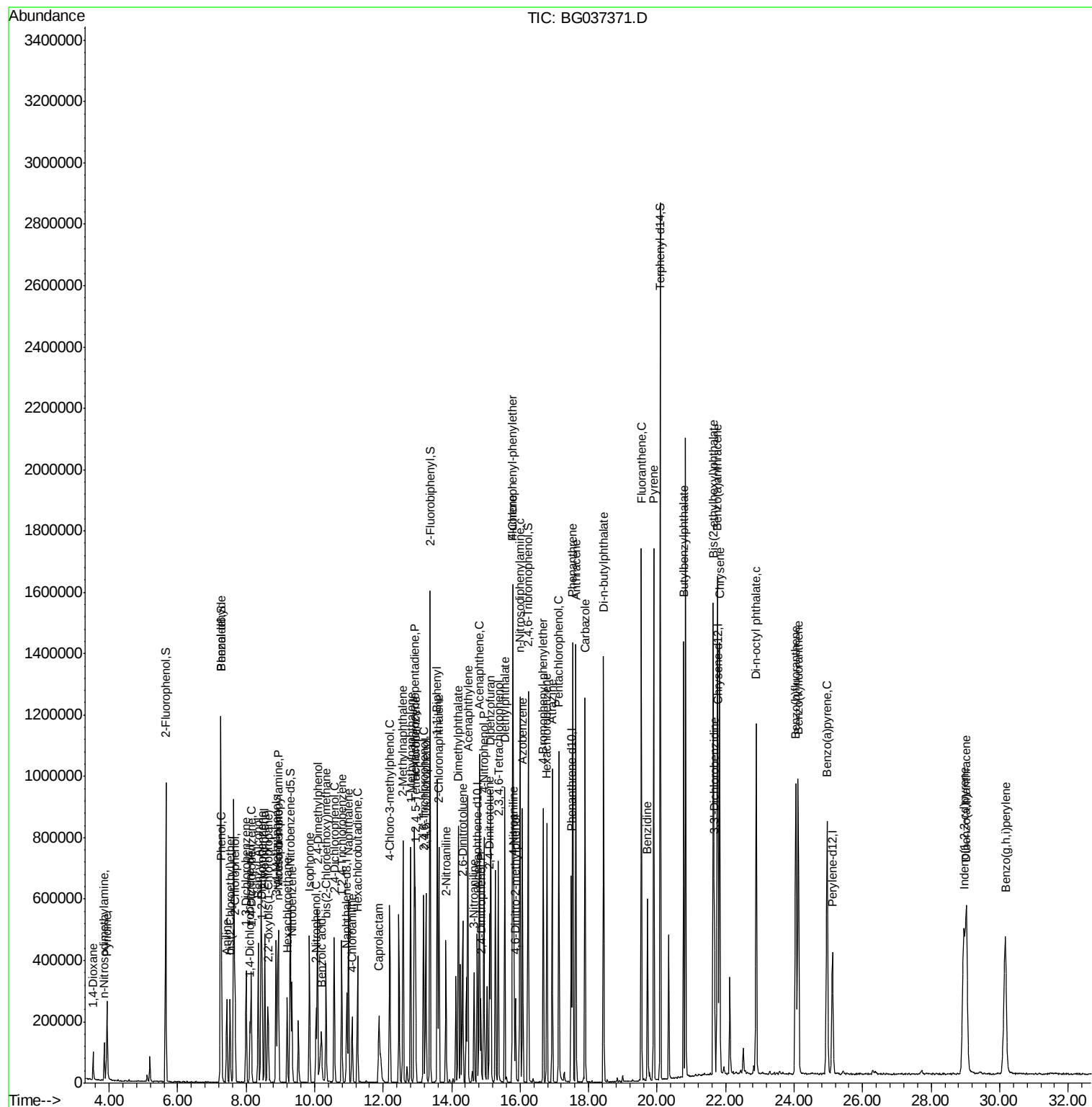
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	244235	104.686	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	164337	50.057	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	178045	50.405	ng	99
46) 1,1'-Biphenyl	13.58	154	543458	37.805	ng	99
47) 2-Chloronaphthalene	13.63	162	426383	39.267	ng	99
48) 2-Nitroaniline	13.83	65	141663	48.133	ng	95
49) Acenaphthylene	14.47	152	721591	43.441	ng	100
50) Dimethylphthalate	14.20	163	579486	42.195	ng	100
51) 2,6-Dinitrotoluene	14.33	165	127077	47.673	ng	96
52) Acenaphthene	14.81	154	416756	40.618	ng	97
53) 3-Nitroaniline	14.65	138	93867	32.668	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	71113	103.483	ng	94
55) Dibenzofuran	15.14	168	677105	40.670	ng	99
56) 4-Nitrophenol	14.95	139	228303	101.931	ng	94
57) 2,4-Dinitrotoluene	15.11	165	177357	52.027	ng	96
58) Fluorene	15.79	166	549450	43.637	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	158927	50.819	ng	100
60) Diethylphthalate	15.55	149	593660	41.712	ng	100
61) 4-Chlorophenyl-phenylether	15.78	204	290686	39.496	ng	98
62) 4-Nitroaniline	15.82	138	144275	47.838	ng	94
63) Azobenzene	16.07	77	552015	40.453	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	70242	51.336	ng	97
66) n-Nitrosodiphenylamine	15.99	169	513705	40.384	ng	97
67) 4-Bromophenyl-phenylether	16.68	248	185313	39.640	ng	98
68) Hexachlorobenzene	16.78	284	188077	38.803	ng	98
69) Atrazine	16.94	200	200165	42.337	ng	99
70) Pentachlorophenol	17.13	266	219944	70.332	ng	93
71) Phenanthrene	17.53	178	934304	42.373	ng	99
72) Anthracene	17.63	178	937308	43.430	ng	97
73) Carbazole	17.90	167	880921	39.615	ng	98
74) Di-n-butylphthalate	18.44	149	1034477	43.404	ng	99
75) Fluoranthene	19.54	202	1099560	42.666	ng	99
77) Benzidine	19.72	184	358284	23.660	ng	100
78) Pyrene	19.90	202	1096326	42.497	ng	99
80) Butylbenzylphthalate	20.78	149	467340	46.561	ng	97
81) Benzo(a)anthracene	21.76	228	1023783	43.186	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	239907	26.234	ng	98
83) Chrysene	21.83	228	949861	42.003	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	652252	45.255	ng	97
85) Di-n-octyl phthalate	22.89	149	1099546	47.002	ng	97
86) Indeno(1,2,3-cd)pyrene	28.95	276	1114879	44.478	ng	# 97
88) Benzo(b)fluoranthene	24.05	252	1009306	44.847	ng	98
89) Benzo(k)fluoranthene	24.12	252	974525	43.883	ng	98
90) Benzo(a)pyrene	24.97	252	975100	45.184	ng	99
91) Dibenzo(a,h)anthracene	29.04	278	909979	44.069	ng	98
92) Benzo(g,h,i)perylene	30.17	276	926154	44.909	ng	98

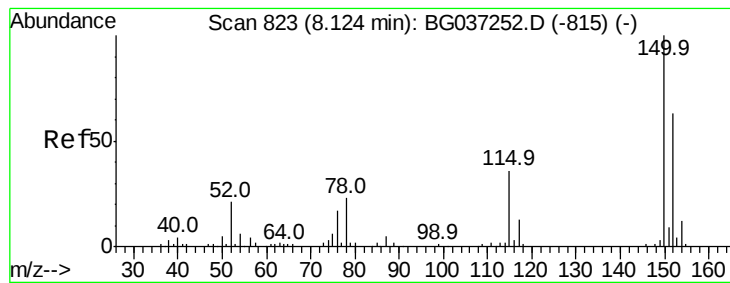
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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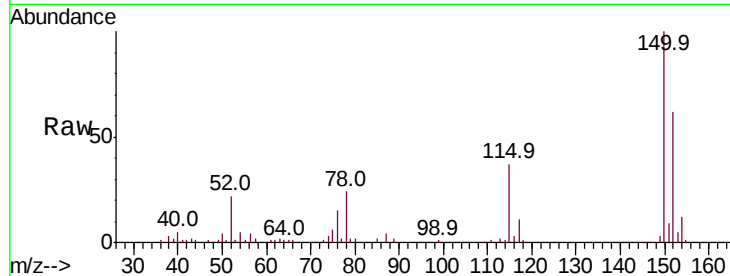


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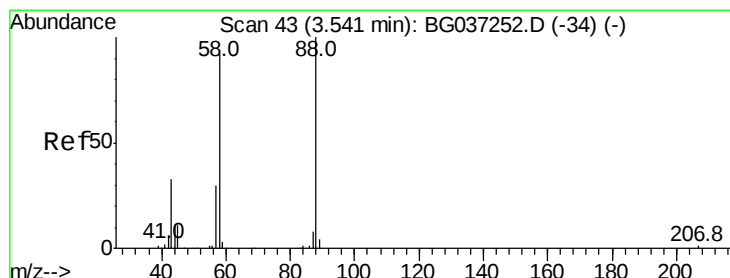
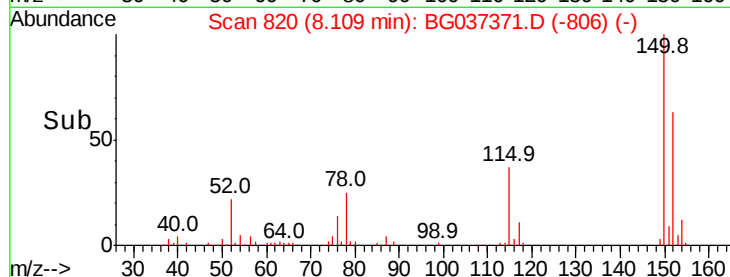
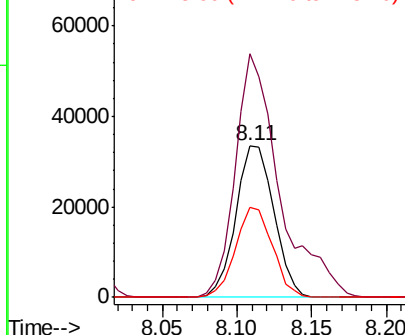
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
PB113872BS

Tot Ion:152 Resp: 59521
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 59.1 45.5 68.3



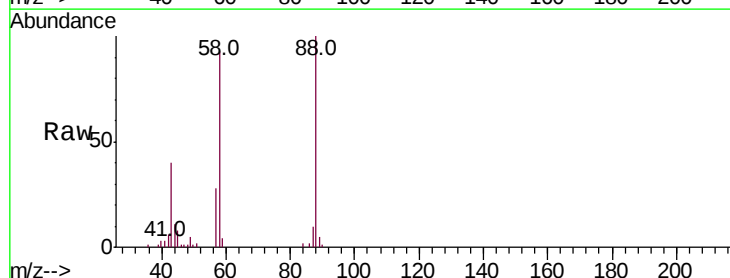
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



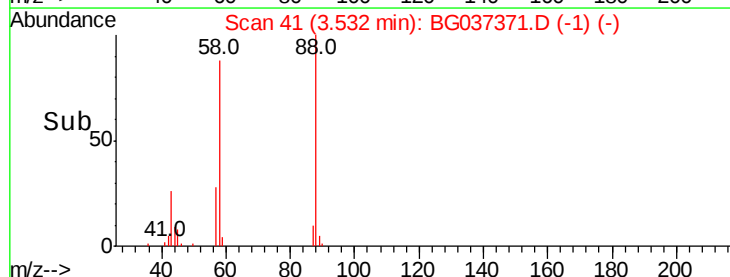
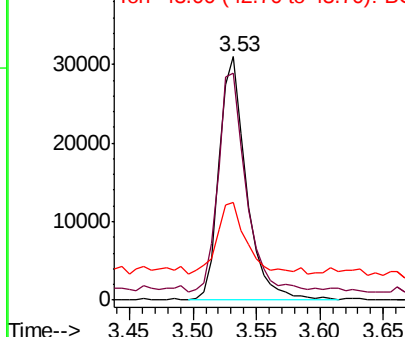
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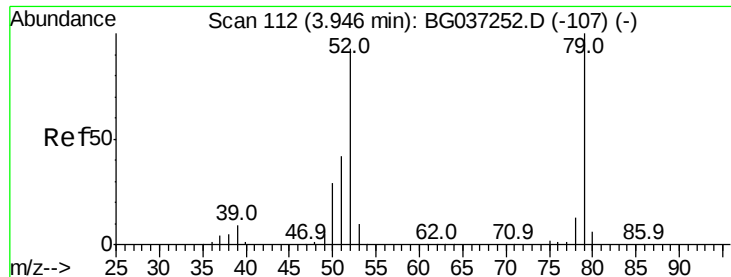
1,4-Dioxane
Concen: 24.600 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion: 88 Resp: 46727
Ion Ratio Lower Upper
88 100
58 91.0 74.4 111.6
43 31.0 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.010 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

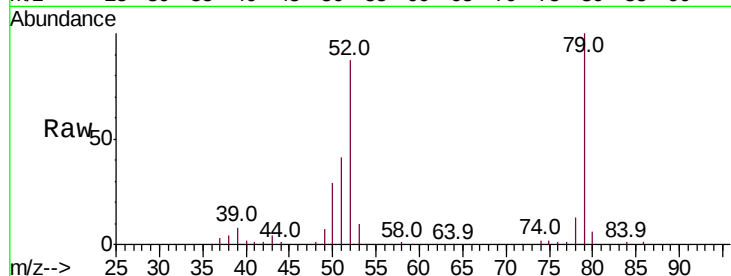
Tot Ion: 79 Resp: 144361

Ion Ratio Lower Upper

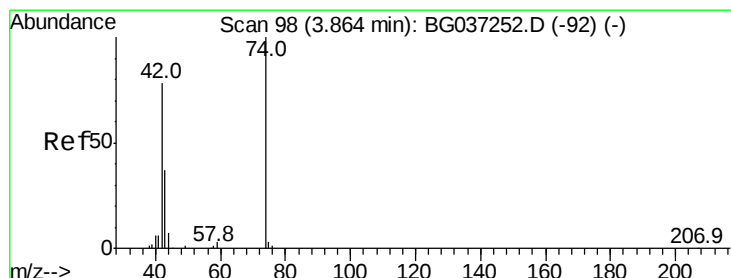
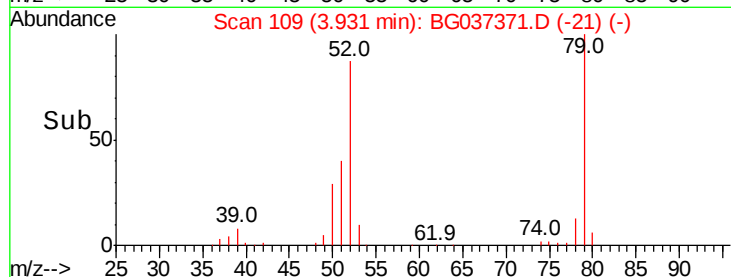
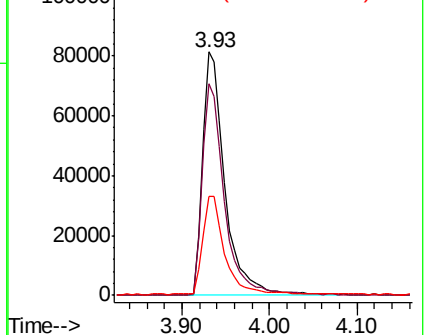
79 100

52 87.1 74.2 111.2

51 40.6 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.544 ng

RT: 3.86 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

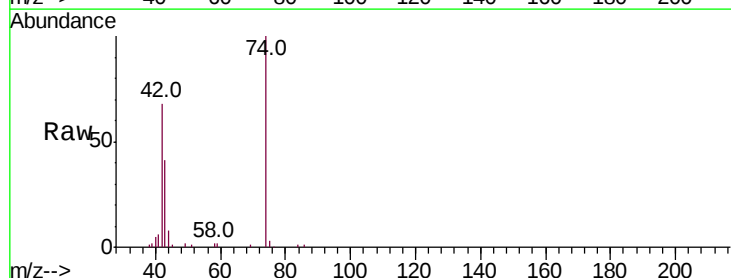
Tgt Ion: 42 Resp: 65754

Ion Ratio Lower Upper

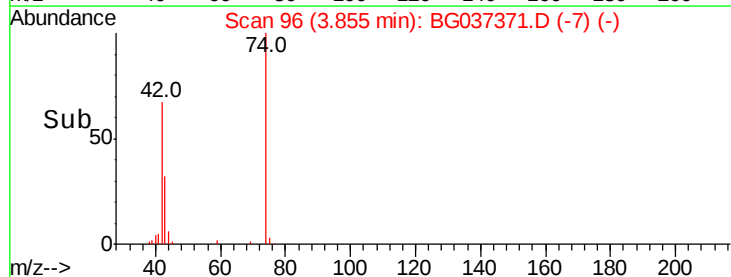
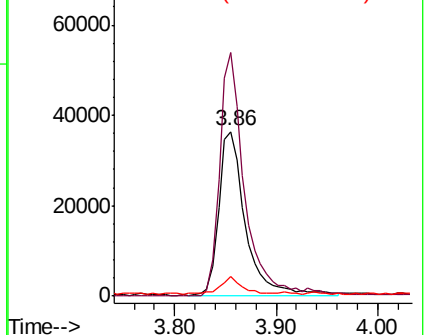
42 100

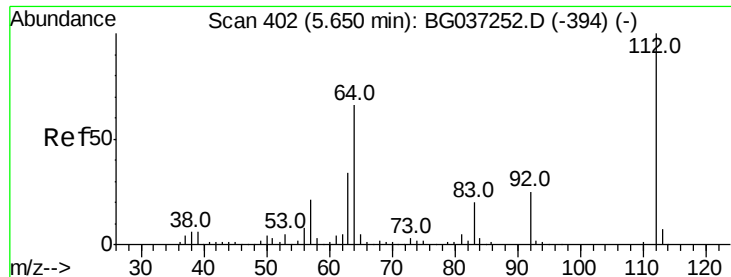
74 148.1 102.0 153.0

44 11.6 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.715 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

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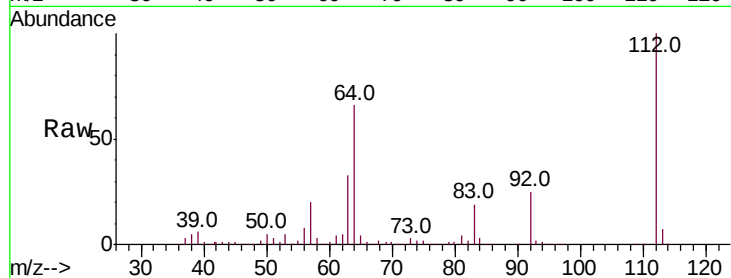
Tot Ion:112 Resp: 448850

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

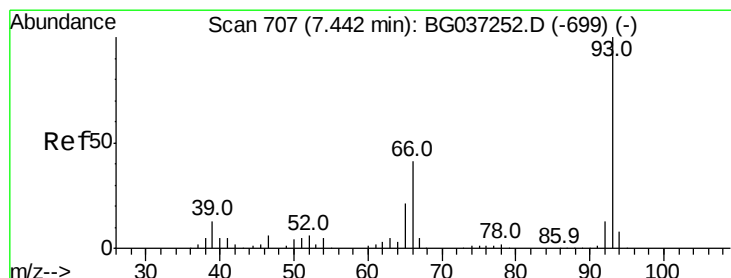
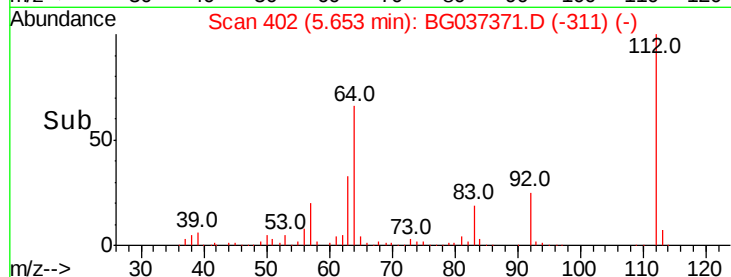
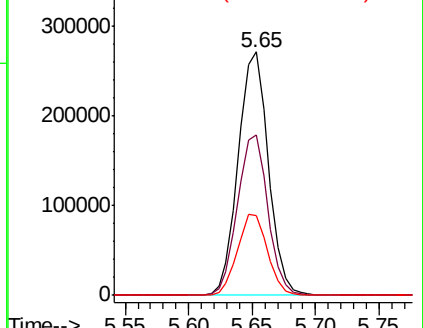
63 32.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.752 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

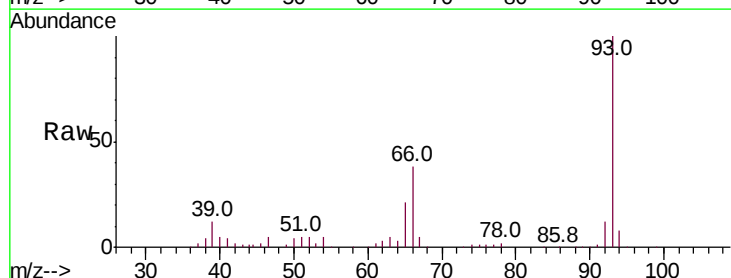
Tgt Ion: 93 Resp: 186490

Ion Ratio Lower Upper

93 100

66 38.3 32.8 49.2

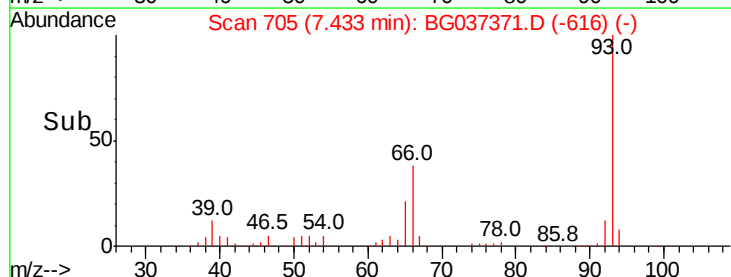
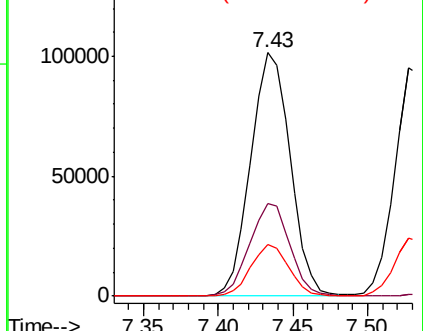
65 21.2 16.4 24.6

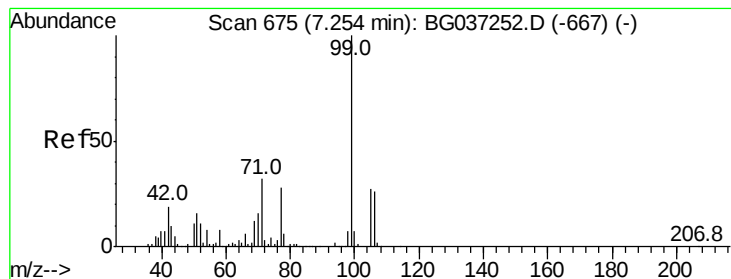


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.268 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

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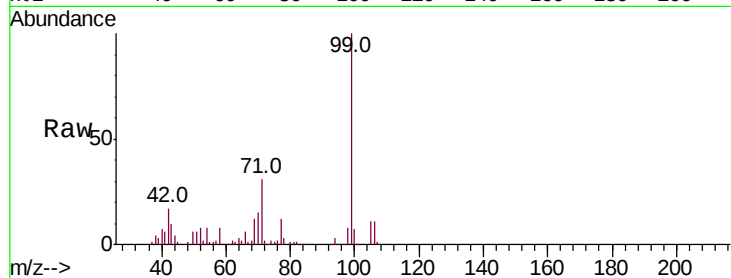
Tot Ion: 99 Resp: 643052

Ion Ratio Lower Upper

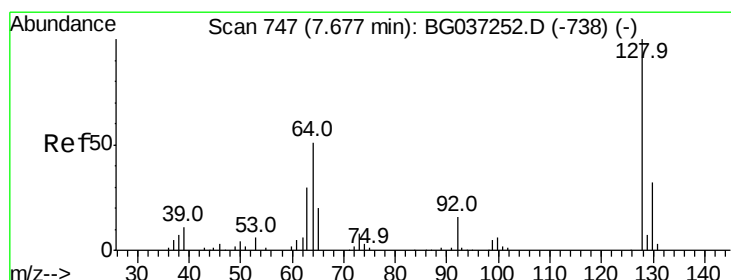
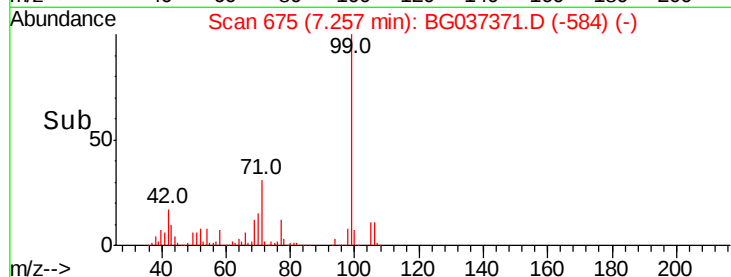
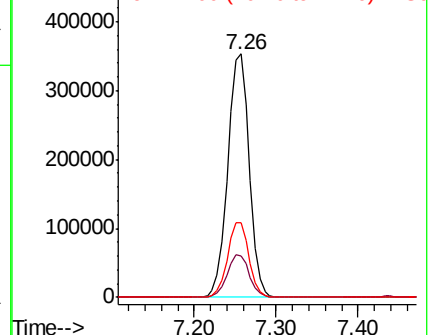
99 100

42 17.1 15.0 22.4

71 30.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.737 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

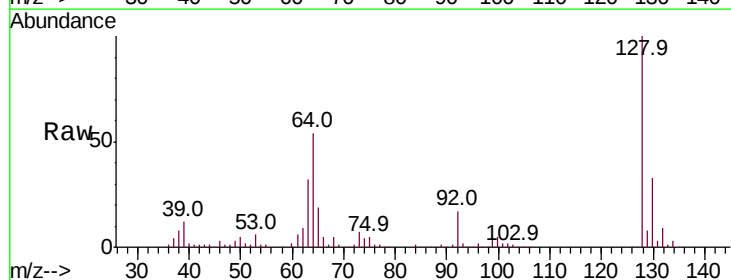
Tgt Ion: 128 Resp: 177081

Ion Ratio Lower Upper

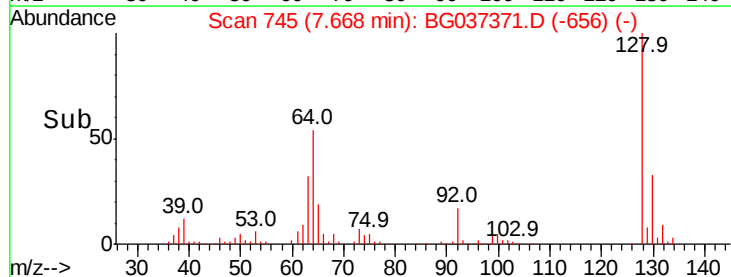
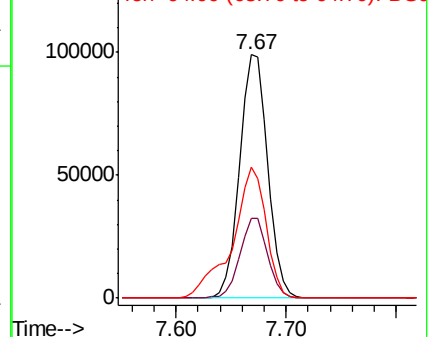
128 100

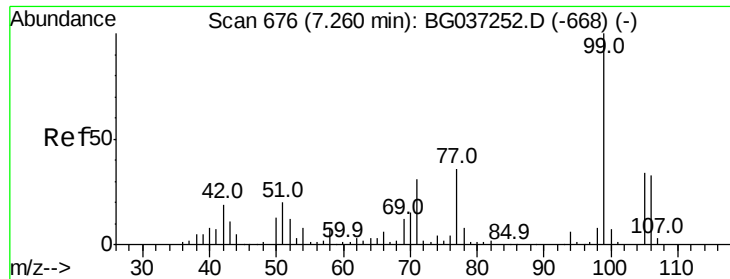
130 32.6 12.0 52.0

64 53.8 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.365 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

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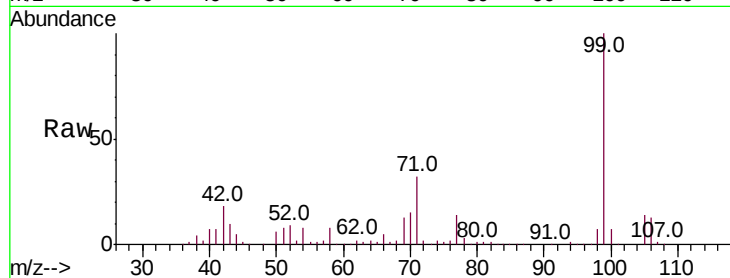
Tot Ion: 77 Resp: 89649

Ion Ratio Lower Upper

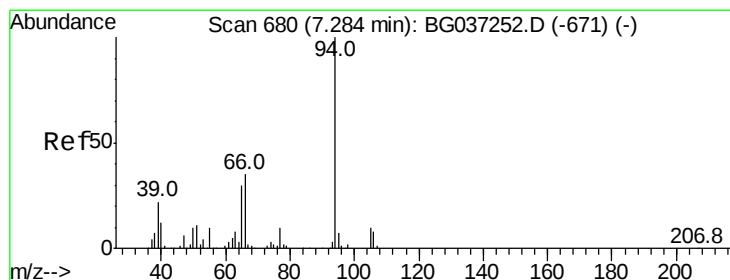
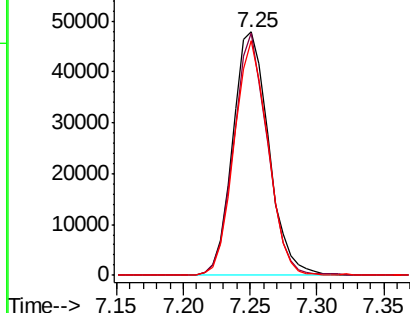
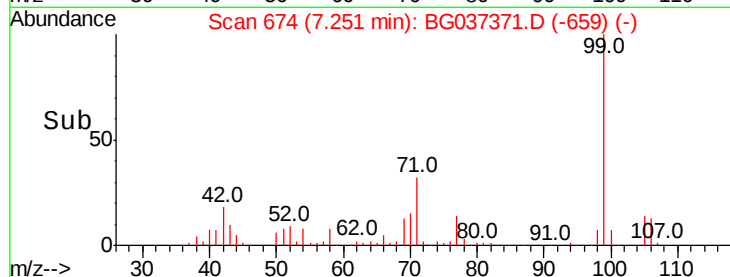
77 100

105 99.5 72.6 112.6

106 96.2 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.708 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

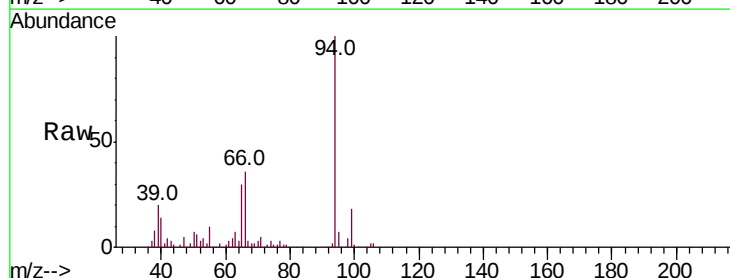
Tgt Ion: 94 Resp: 236307

Ion Ratio Lower Upper

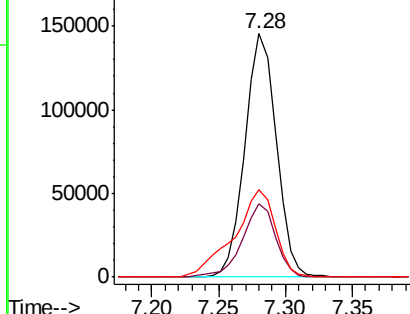
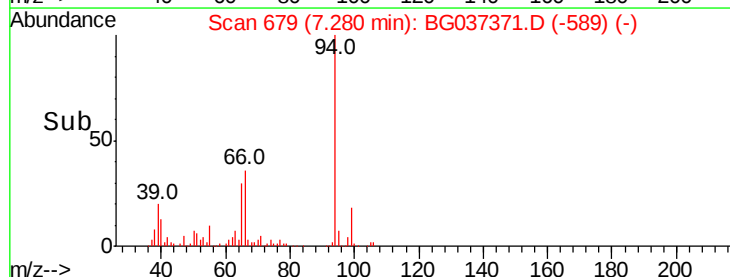
94 100

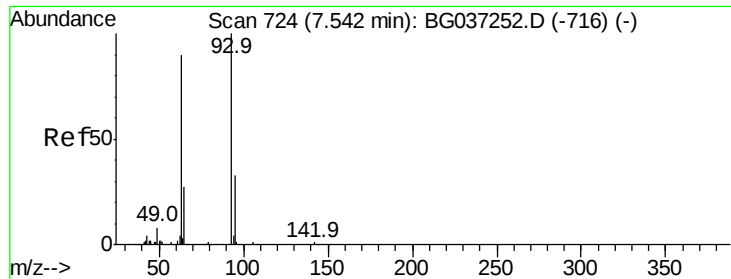
65 30.1 9.7 49.7

66 36.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

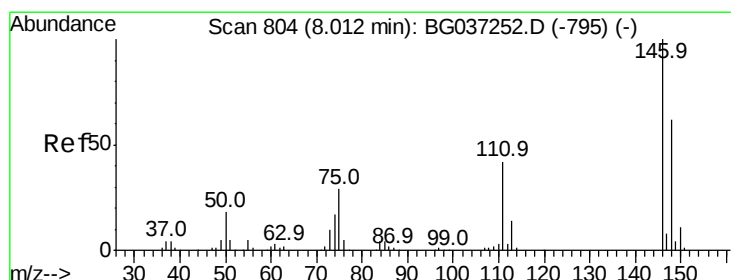
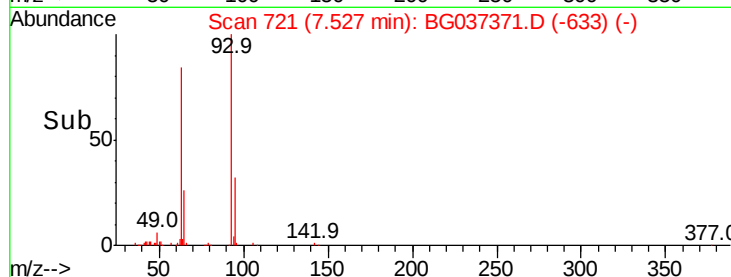
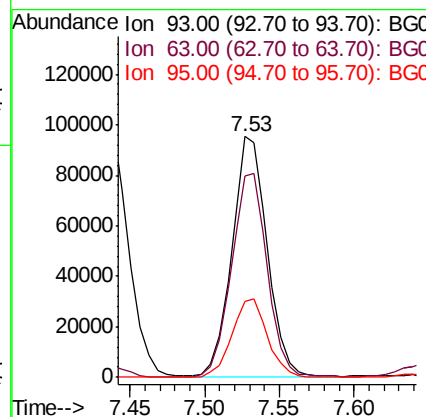
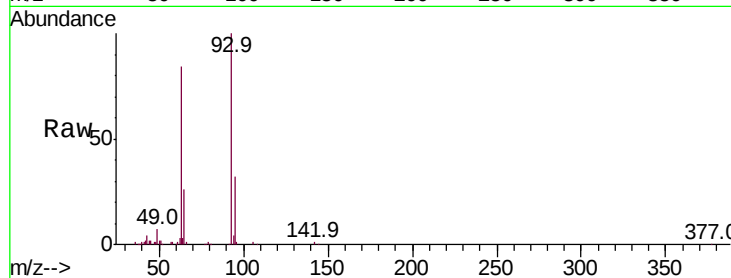




#11
bis(2-Chloroethyl)ether
Concen: 35.511 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

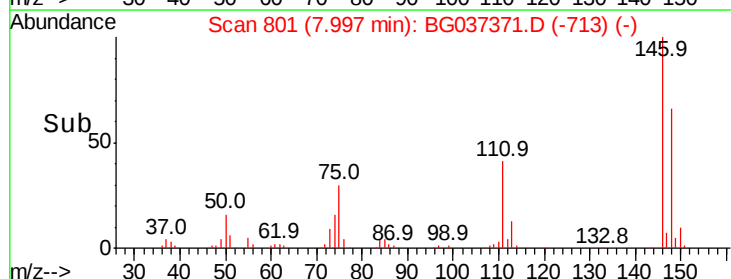
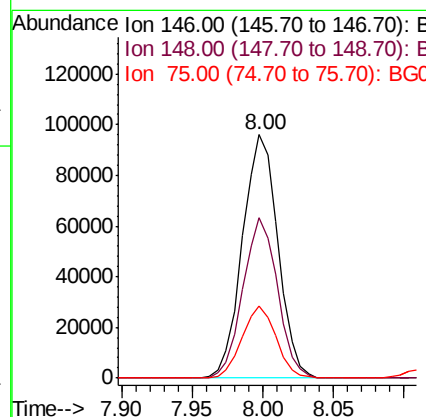
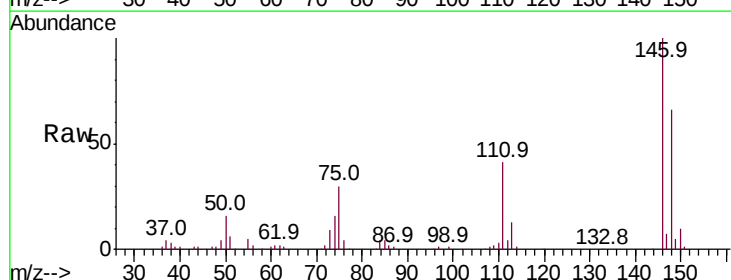
Instrument :
BNA_G
ClientSampleId :
PB113872BS

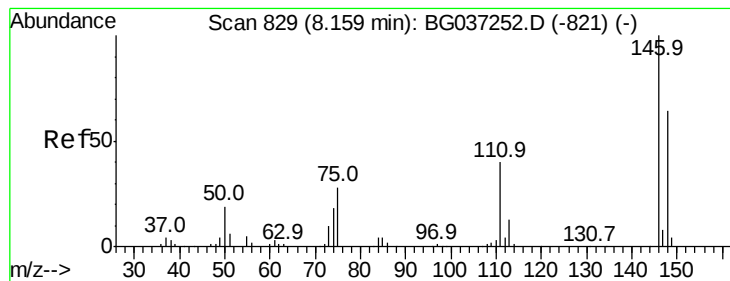
Tot Ion: 93 Resp: 156851
Ion Ratio Lower Upper
93 100
63 83.6 69.5 109.5
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 36.222 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion: 146 Resp: 168551
Ion Ratio Lower Upper
146 100
148 66.0 49.8 74.8
75 29.7 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 36.499 ng

RT: 8.15 min Scan# 827

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

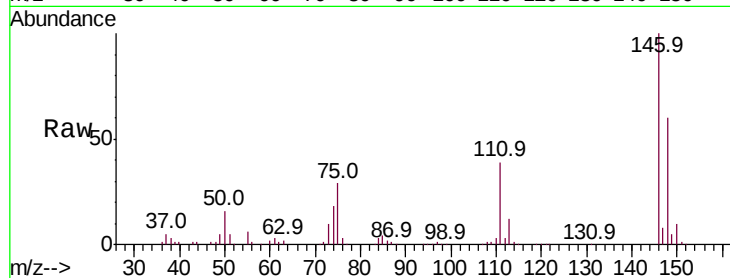
Tot Ion:146 Resp: 171950

Ion Ratio Lower Upper

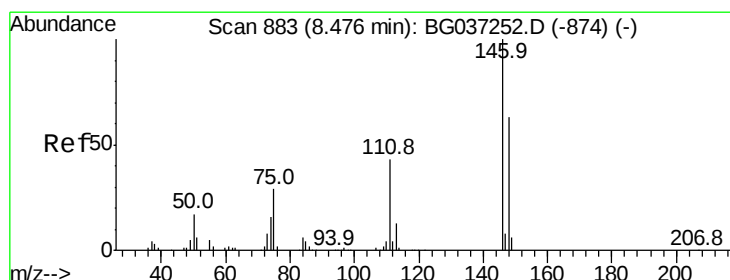
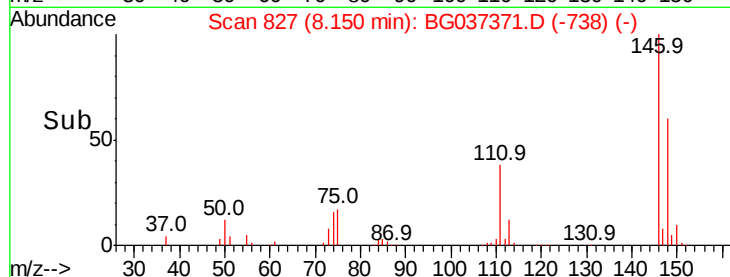
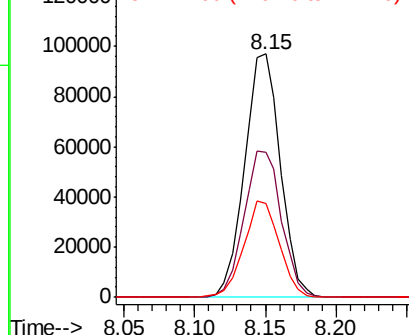
146 100

148 59.8 51.0 76.6

111 38.5 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.098 ng

RT: 8.47 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

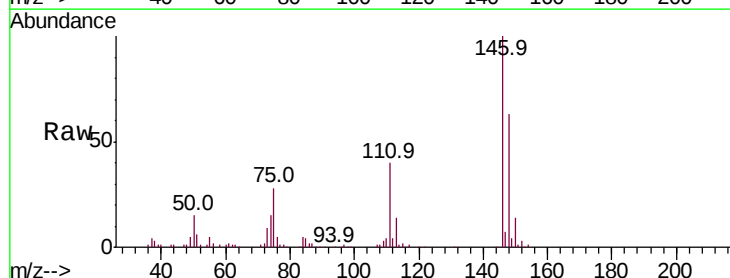
Tgt Ion:146 Resp: 164794

Ion Ratio Lower Upper

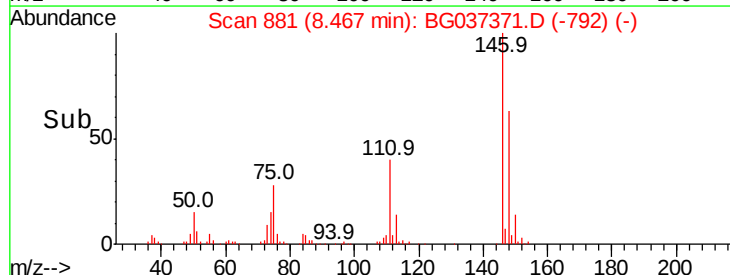
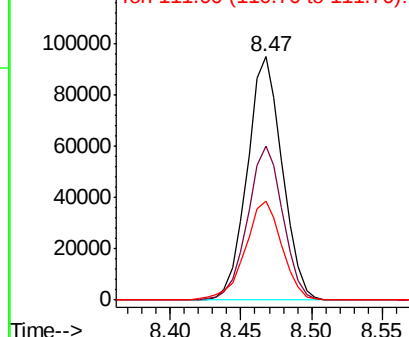
146 100

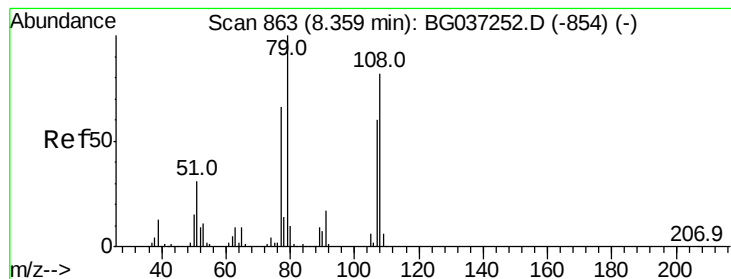
148 63.1 50.4 75.6

111 40.5 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.291 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

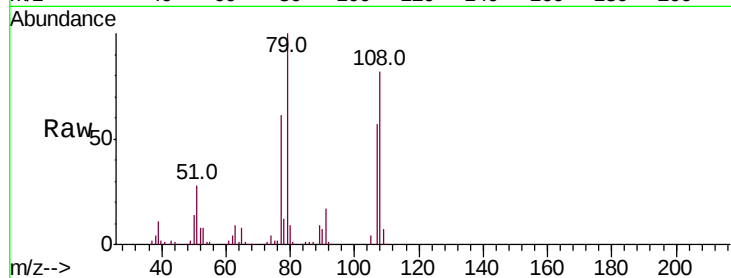
Tot Ion: 79 Resp: 161785

Ion Ratio Lower Upper

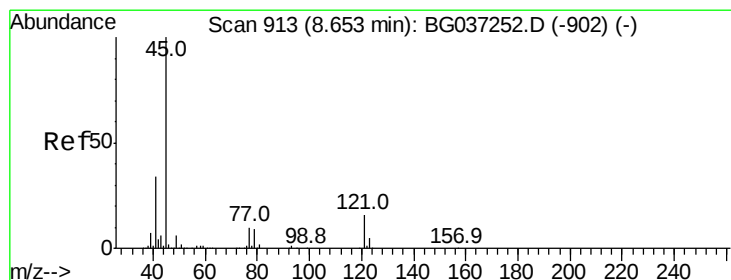
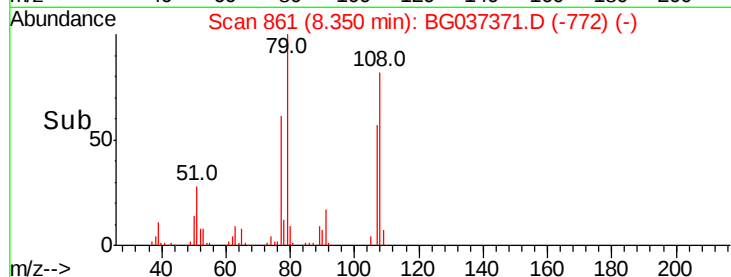
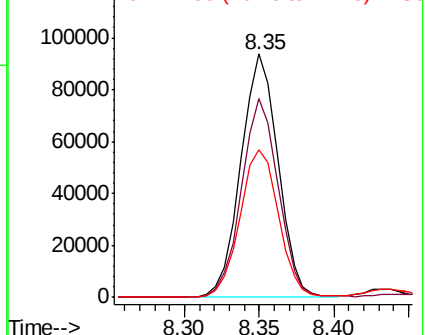
79 100

108 81.7 65.8 98.8

77 60.6 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.480 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

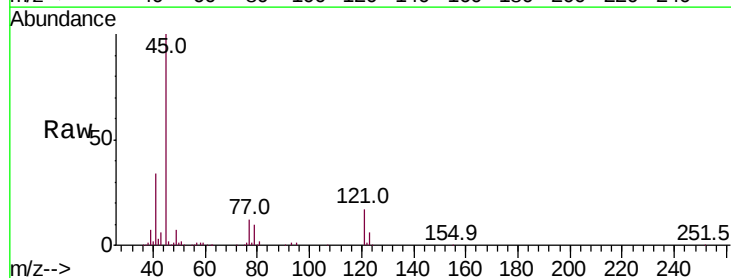
Tgt Ion: 45 Resp: 283607

Ion Ratio Lower Upper

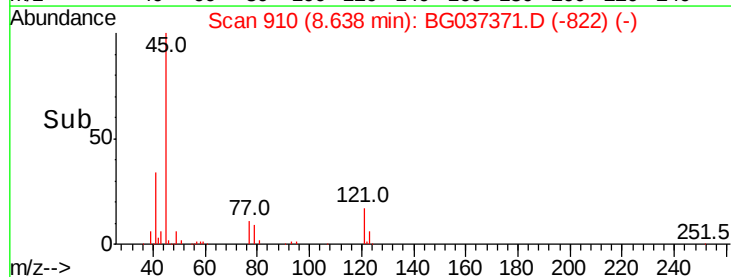
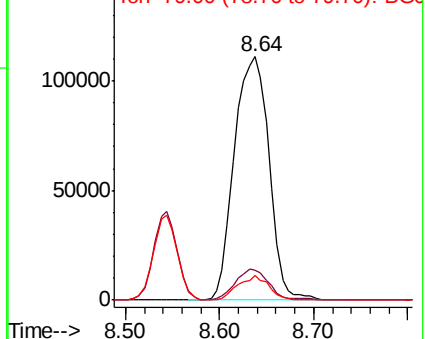
45 100

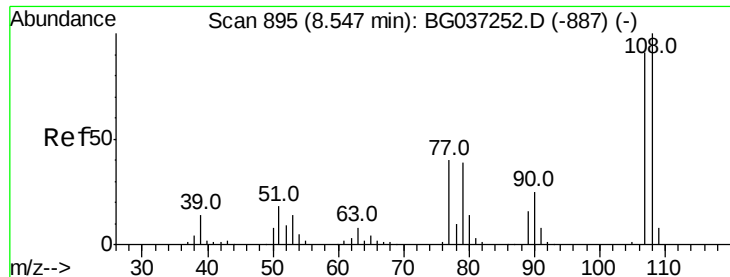
77 12.2 0.0 30.0

79 10.0 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.848 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

Tot Ion:107 Resp: 162389

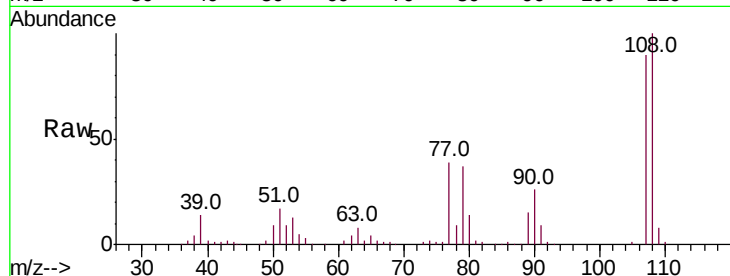
Ion Ratio Lower Upper

107 100

108 111.5 87.9 131.9

77 43.5 35.1 52.7

79 41.6 34.5 51.7

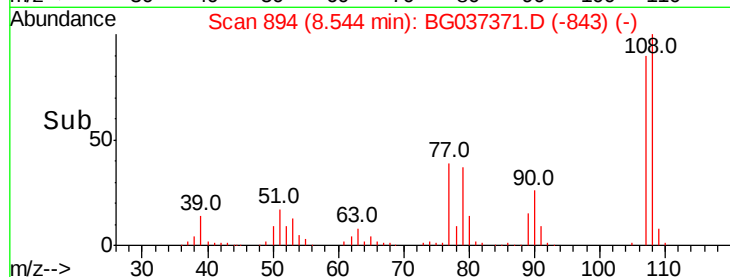


Abundance Ion 107.00 (106.70 to 107.70): E

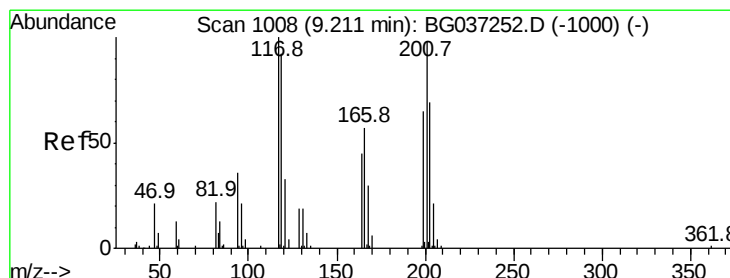
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 37.327 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

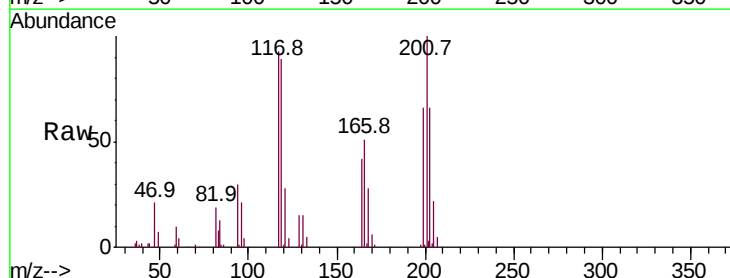
Tgt Ion:117 Resp: 60021

Ion Ratio Lower Upper

117 100

119 95.9 74.6 111.8

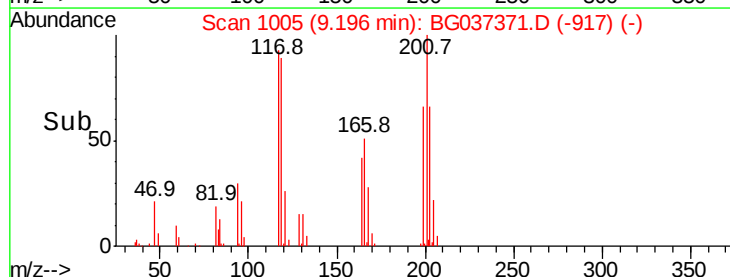
201 110.6 80.8 121.2



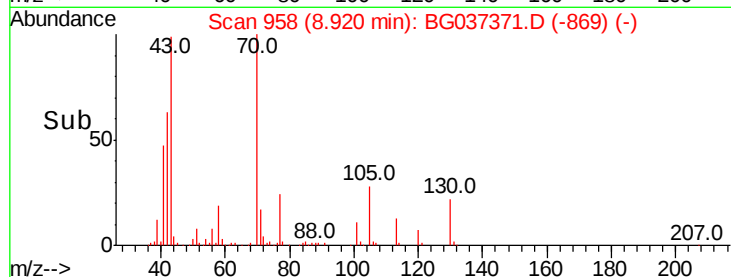
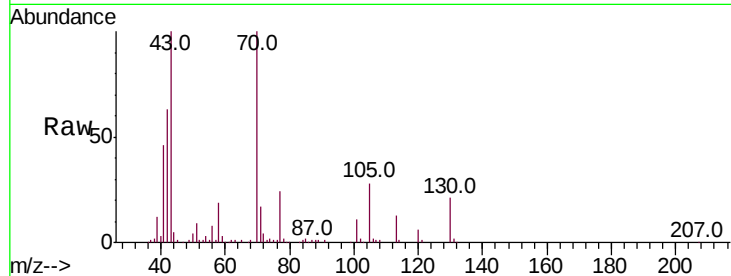
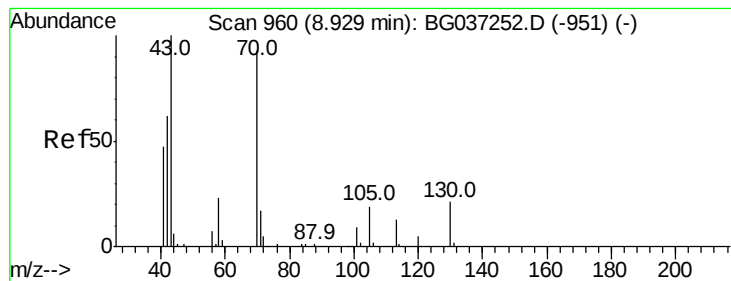
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 34.385 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

Tot Ion: 70 Resp: 133637

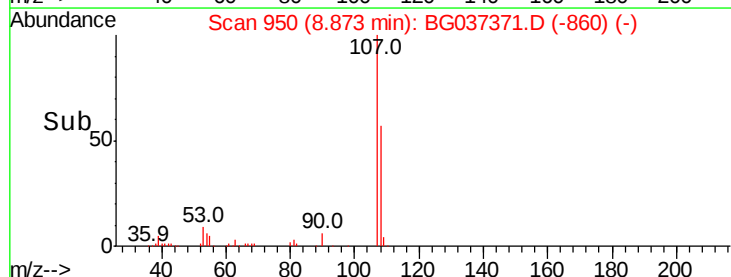
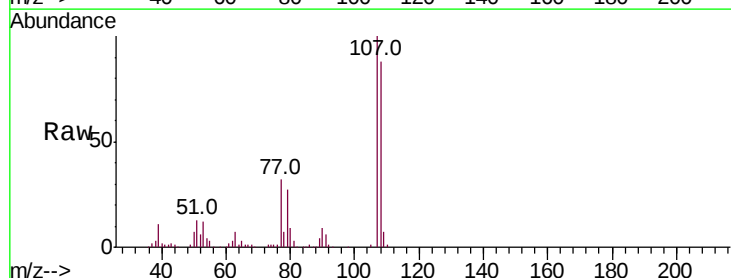
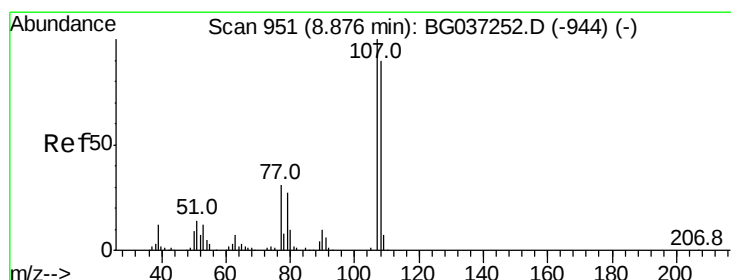
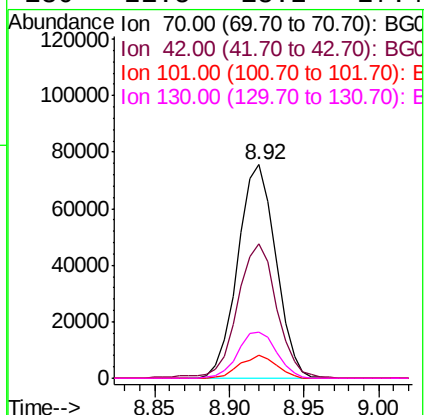
Ion Ratio Lower Upper

70 100

42 63.2 53.9 80.9

101 10.6 8.2 12.2

130 21.5 18.2 27.4



#20

3+4-Methylphenols

Concen: 44.505 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Tgt Ion: 107 Resp: 225328

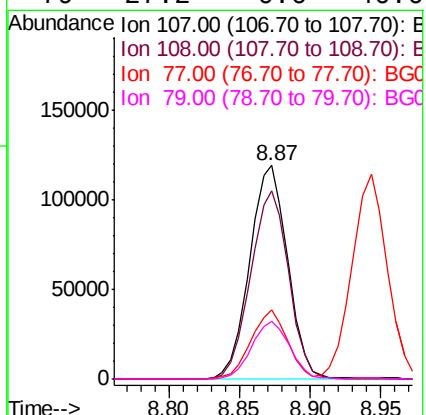
Ion Ratio Lower Upper

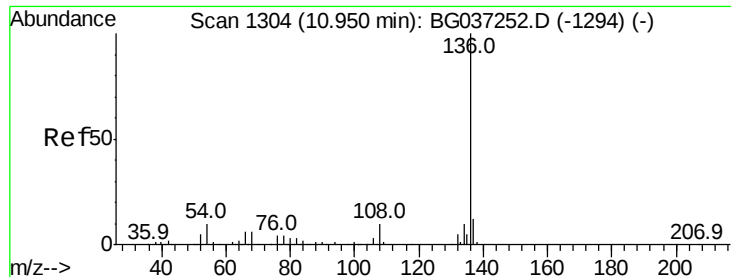
107 100

108 88.0 69.9 109.9

77 32.1 11.2 51.2

79 27.2 6.6 46.6

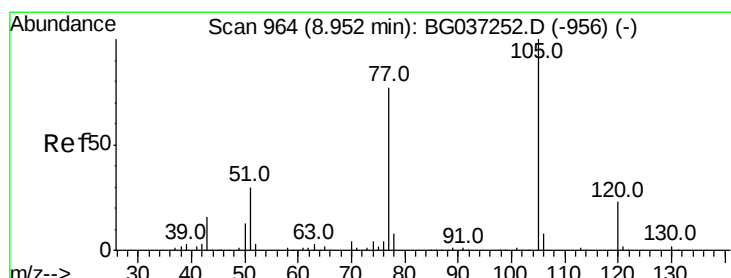
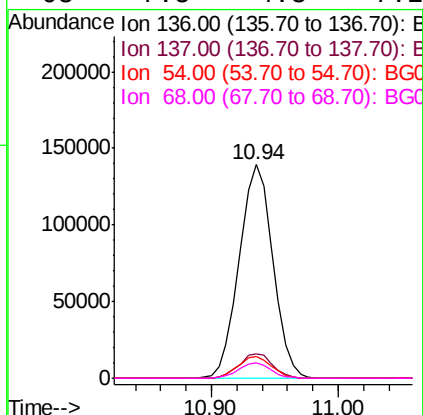
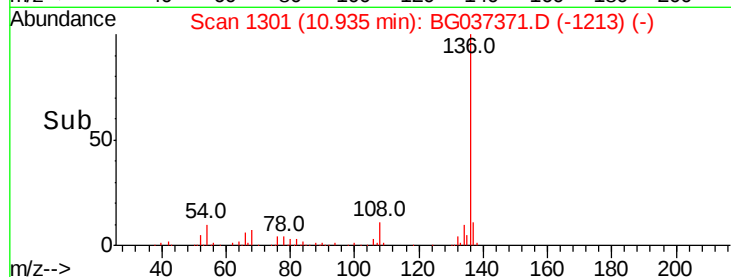
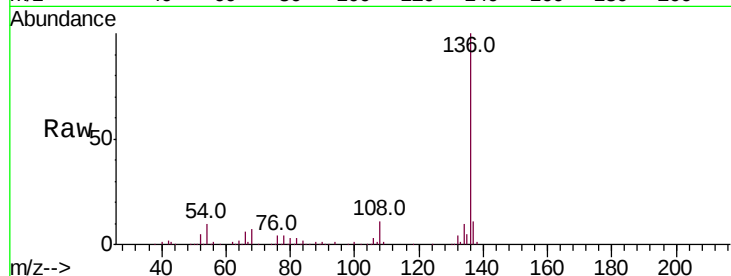




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

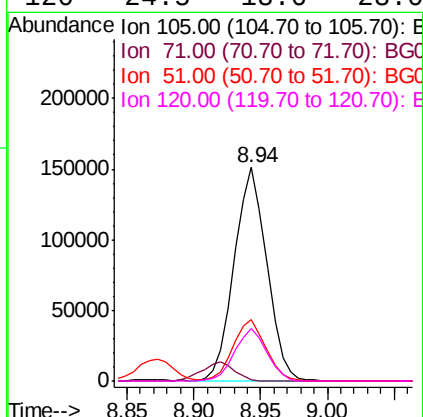
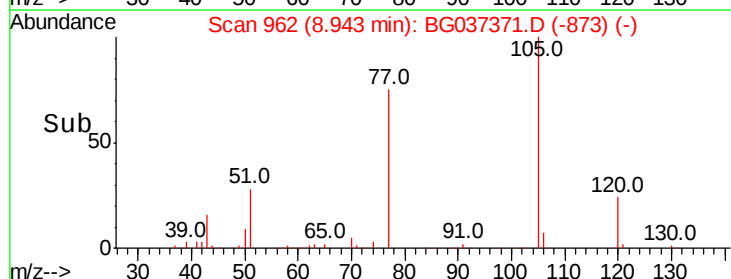
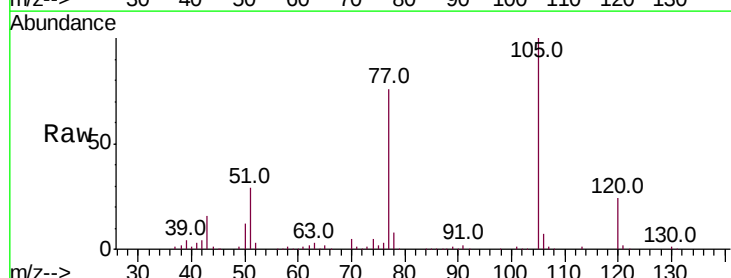
Instrument :
BNA_G
ClientSampleId :
PB113872BS

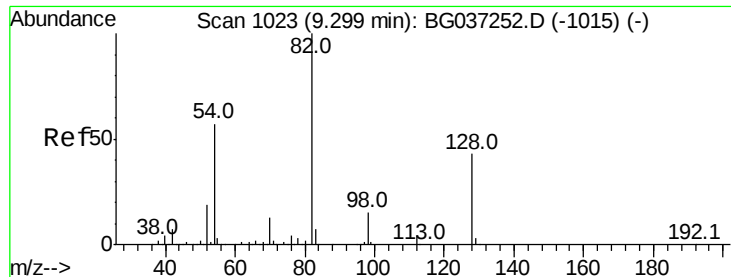
Tot Ion:136	Resp:	257085
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	10.1	7.9 11.9
68	7.5	4.8 7.2#



#22
Acetophenone
Concen: 39.577 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:105	Resp:	256482
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.2 1.8#
51	28.8	25.0 37.6
120	24.5	18.6 28.0

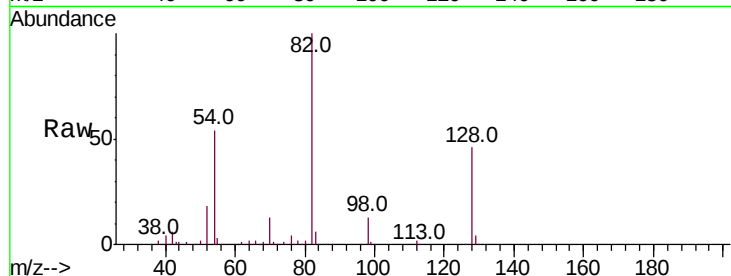




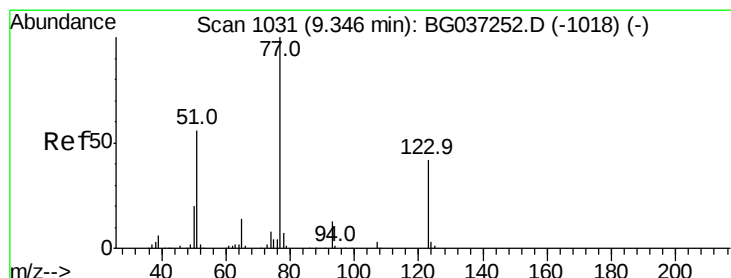
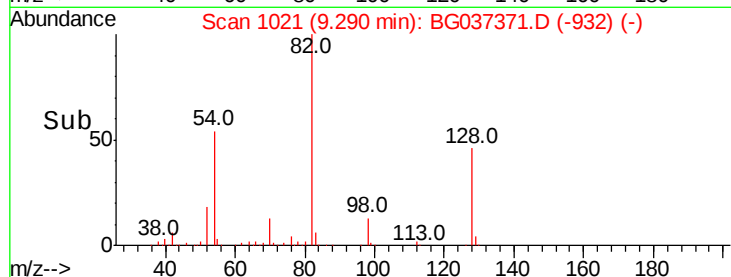
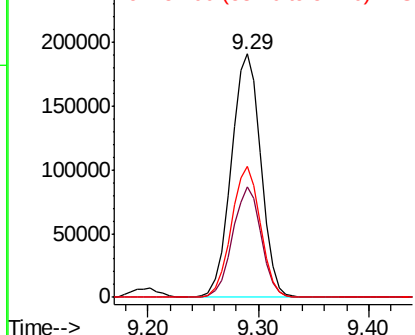
#23
Nitrobenzene-d5
Concen: 91.763 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampled :
PB113872BS

Tot Ion: 82 Resp: 358824
Ion Ratio Lower Upper
82 100
128 45.6 34.6 51.8
54 53.6 45.3 67.9

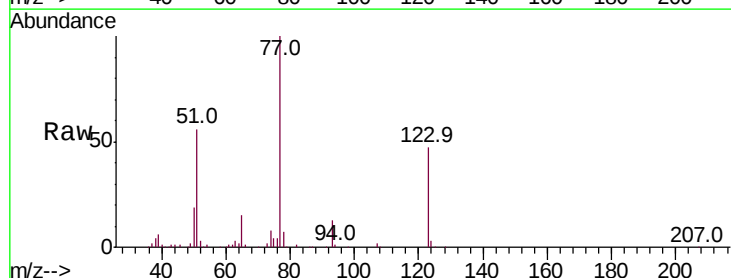


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

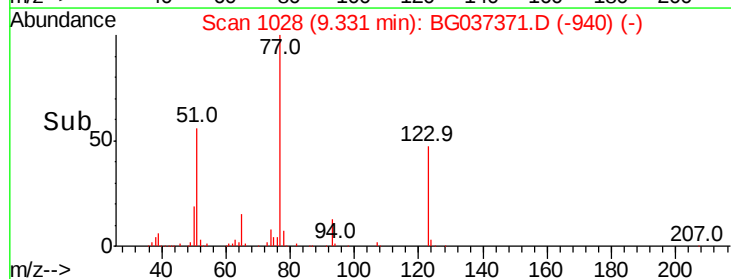
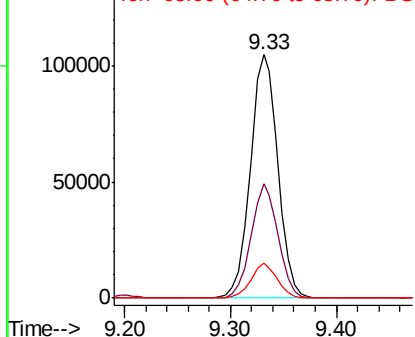


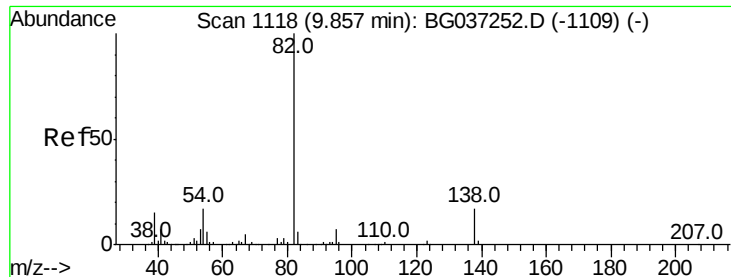
#24
Nitrobenzene
Concen: 45.281 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion: 77 Resp: 189652
Ion Ratio Lower Upper
77 100
123 46.9 33.6 50.4
65 14.6 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.227 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

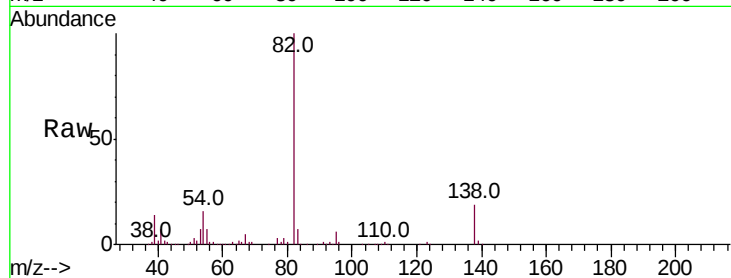
Tot Ion: 82 Resp: 385881

Ion Ratio Lower Upper

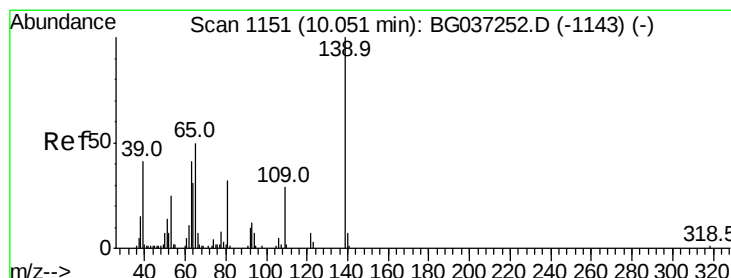
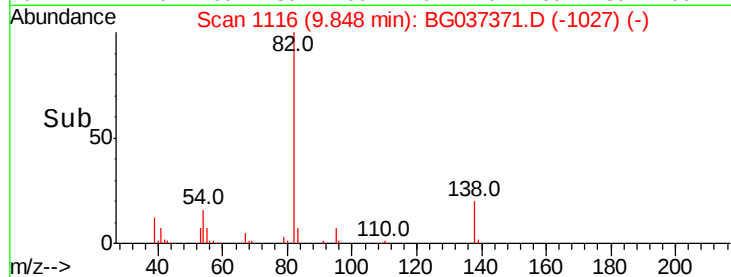
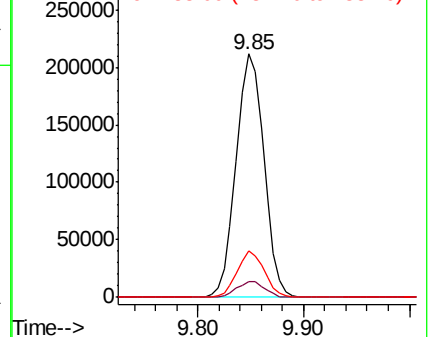
82 100

95 6.5 5.3 7.9

138 19.3 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.734 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

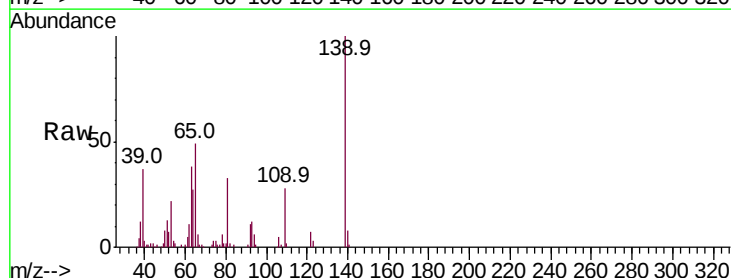
Tgt Ion: 139 Resp: 88811

Ion Ratio Lower Upper

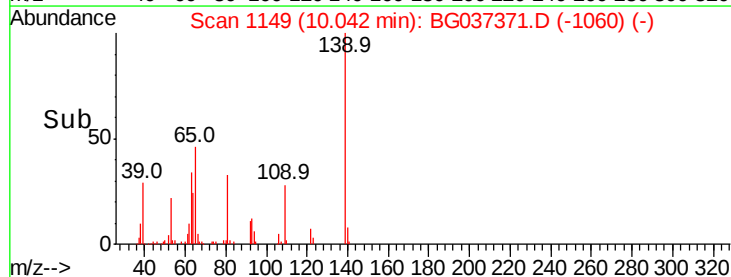
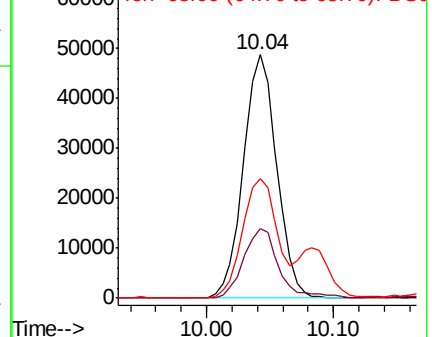
139 100

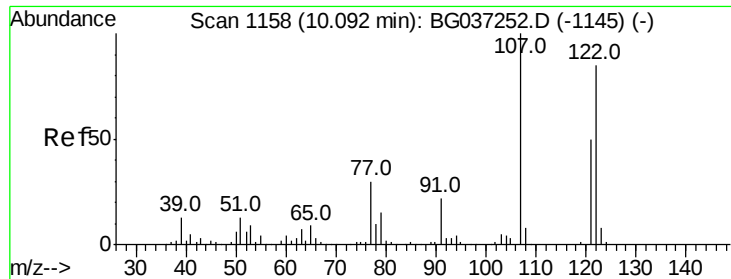
109 28.4 23.3 34.9

65 49.3 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

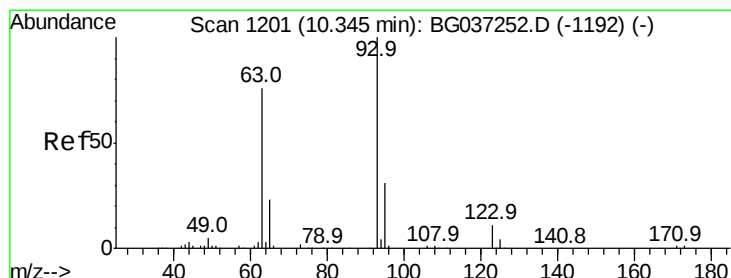
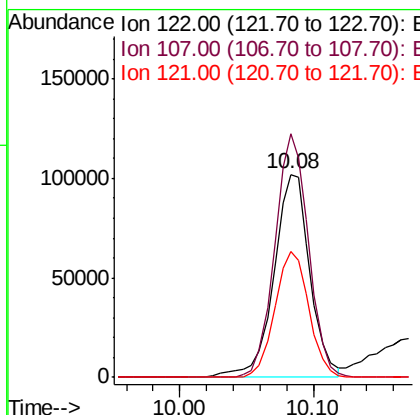
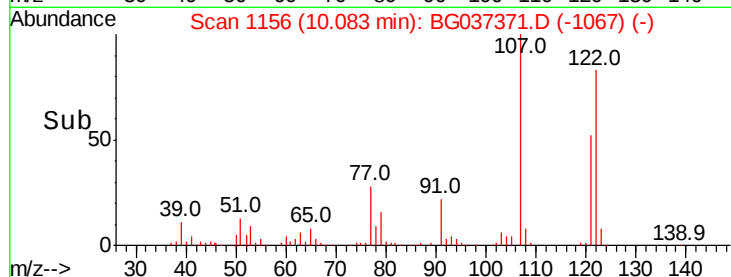
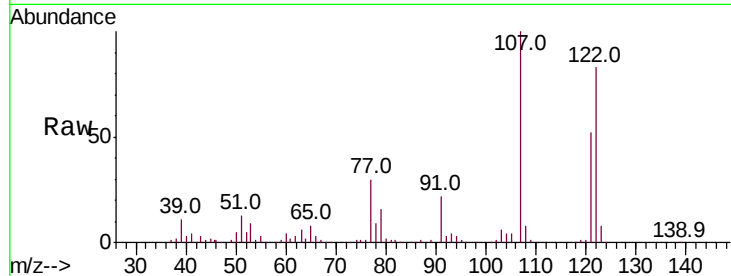




#27
2,4-Dimethylphenol
Concen: 51.293 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

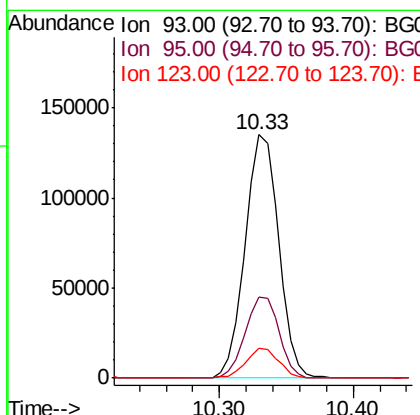
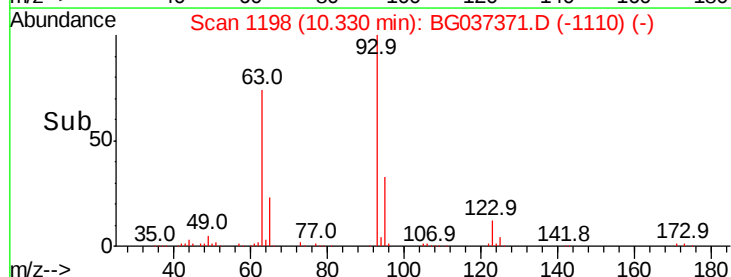
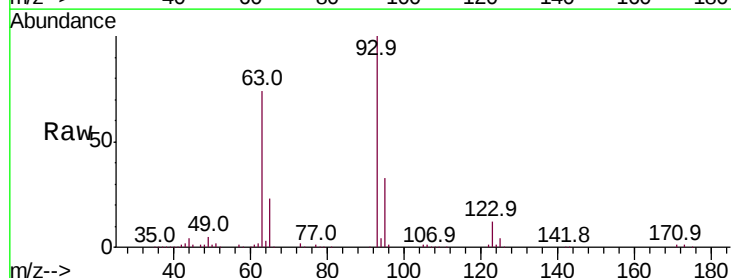
Instrument :
BNA_G
ClientSampleId :
PB113872BS

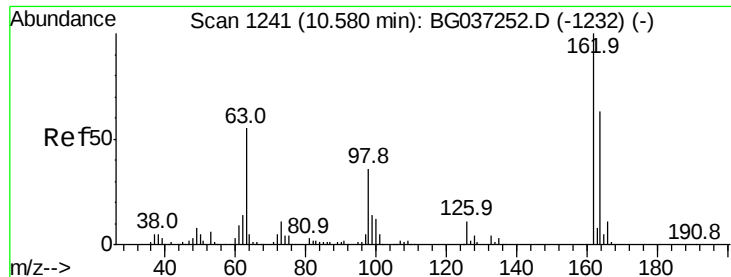
Tot Ion:122 Resp: 191386
Ion Ratio Lower Upper
122 100
107 119.9 94.2 141.2
121 62.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.864 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion: 93 Resp: 233806
Ion Ratio Lower Upper
93 100
95 33.2 24.6 37.0
123 12.0 9.1 13.7

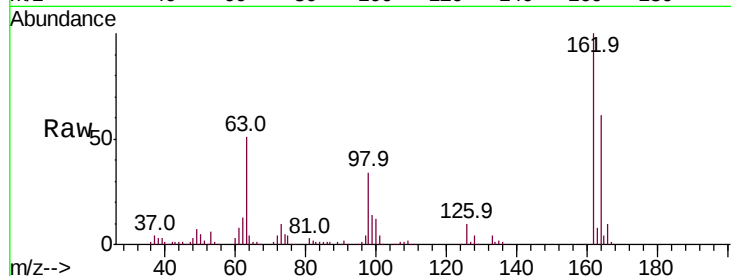




#29
 2,4-Dichlorophenol
 Concen: 50.785 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.7	43.2	83.2
98	34.3	16.0	56.0

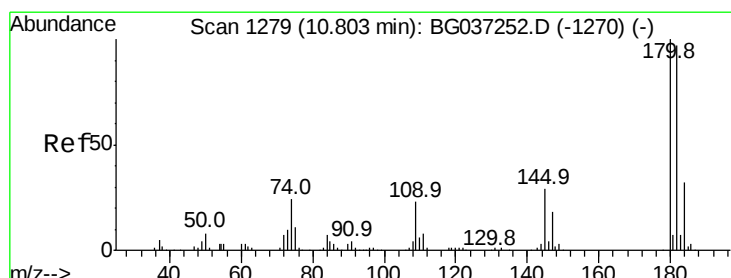
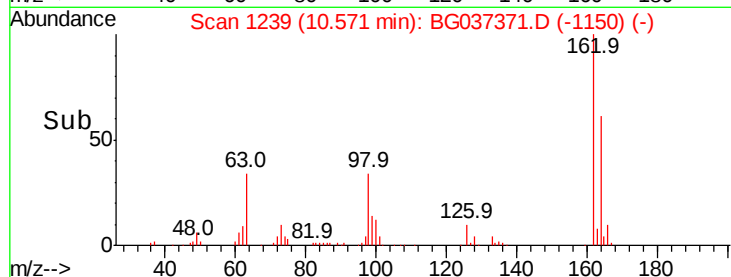
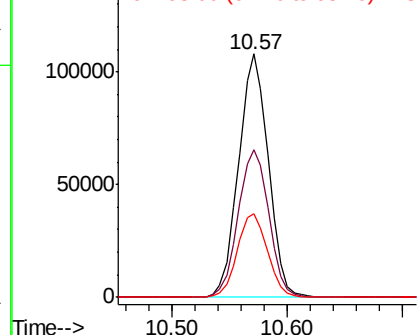


Abundance

Ion 162.00 (161.70 to 162.70): E

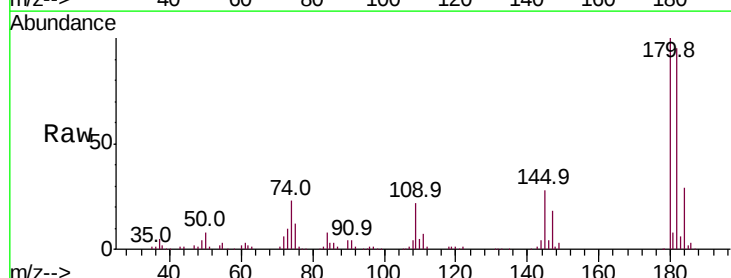
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.805 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.7	116.5
145	28.3	23.3	34.9

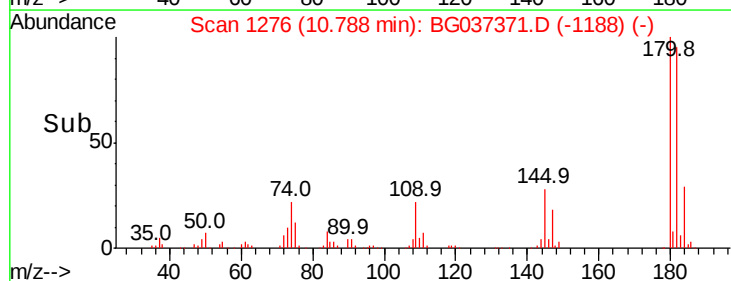
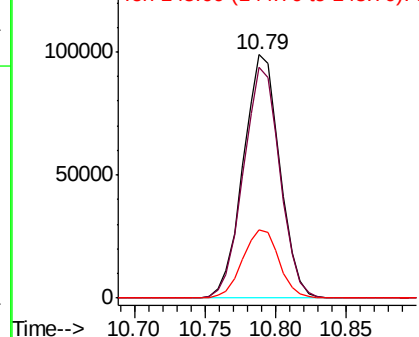


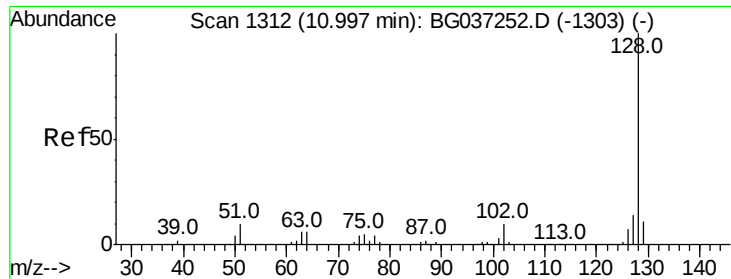
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

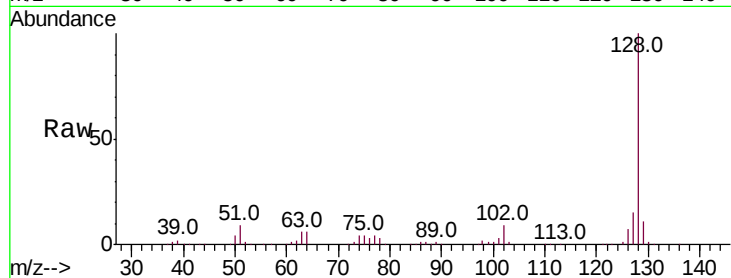




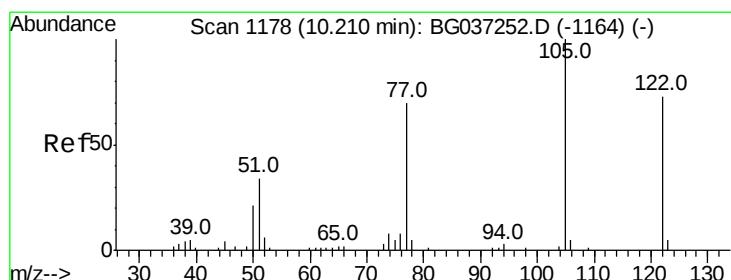
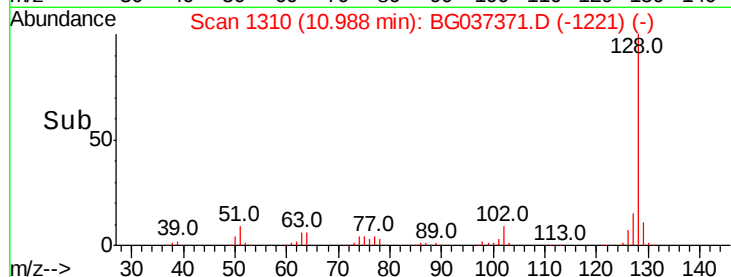
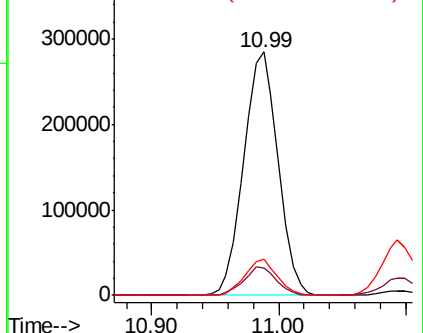
#31
Naphthalene
Concen: 42.813 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
PB113872BS

Tot Ion:128 Resp: 534907
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.8 11.1 16.7

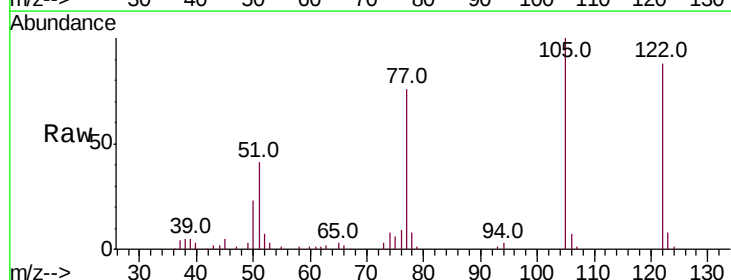


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

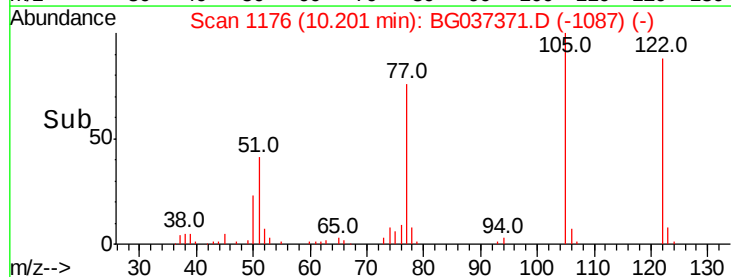
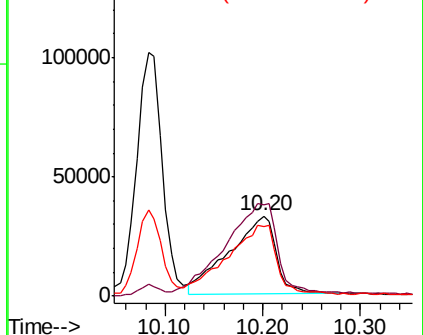


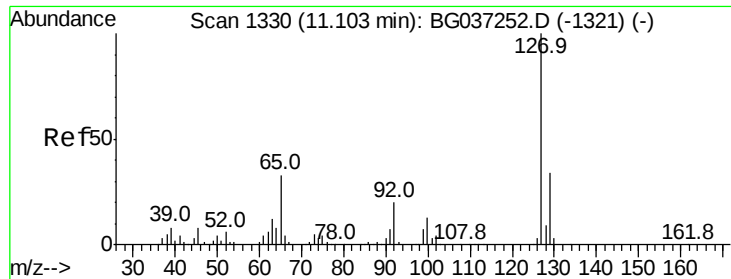
#32
Benzoic acid
Concen: 53.663 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:122 Resp: 110561
Ion Ratio Lower Upper
122 100
105 114.1 106.7 146.7
77 87.1 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

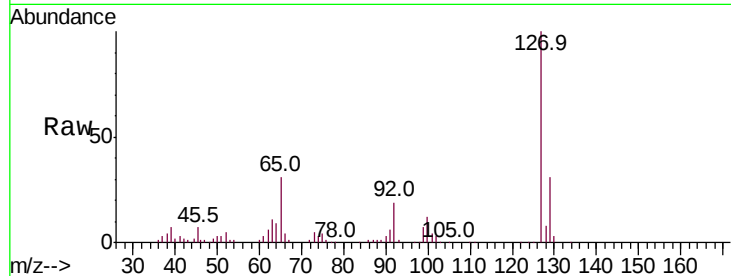




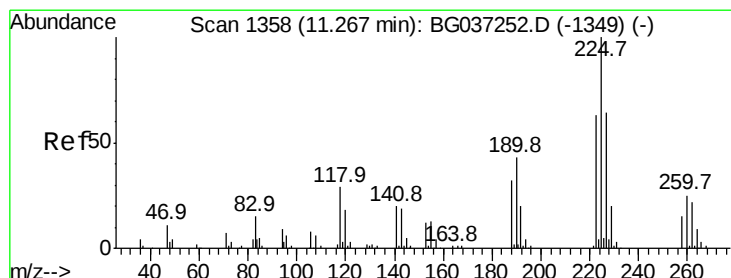
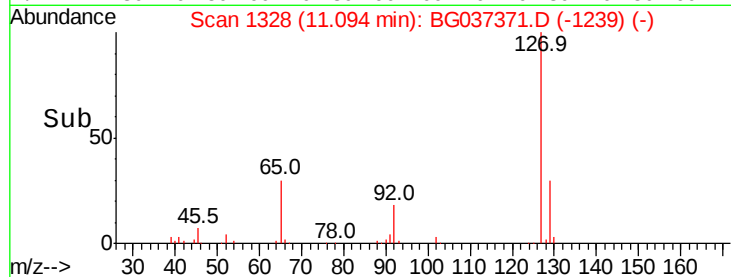
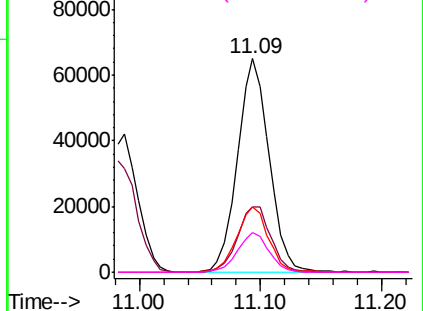
#33
4-Chloroaniline
Concen: 20.236 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
PB113872BS

Tot Ion:	127	Resp:	118606
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.1	40.7
65	30.6	26.6	39.8
92	18.5	16.4	24.6

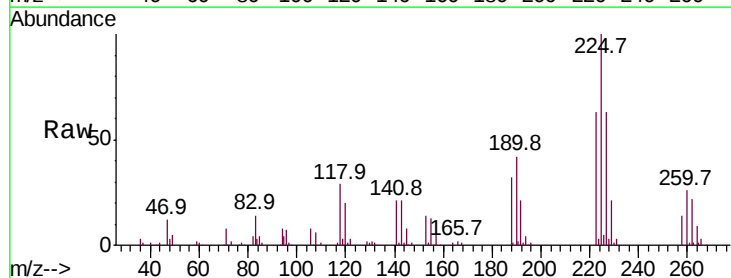


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

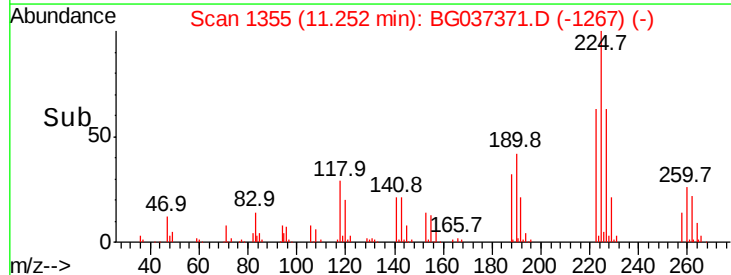
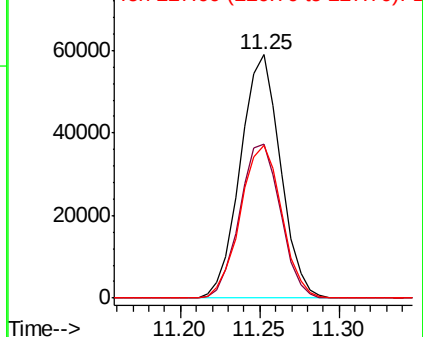


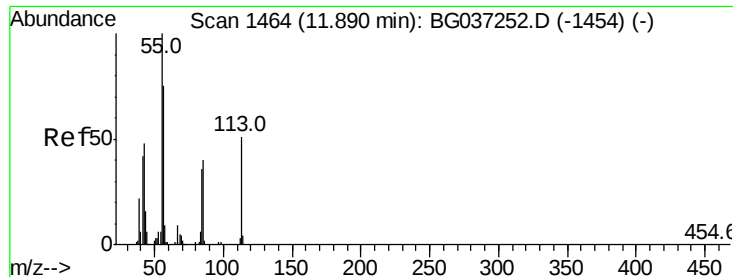
#34
Hexachlorobutadiene
Concen: 36.169 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:	225	Resp:	103522
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.2	72.4
227	62.8	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.362 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

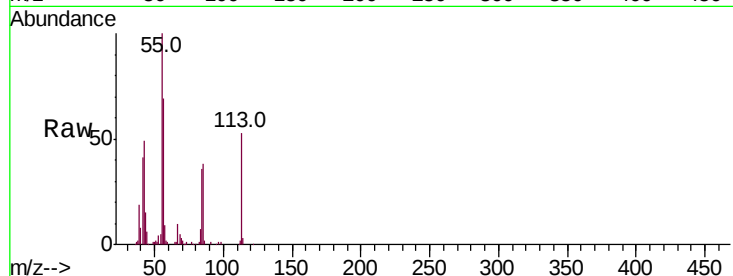
Tot Ion:113 Resp: 74674

Ion Ratio Lower Upper

113 100

55 188.6 176.6 216.6

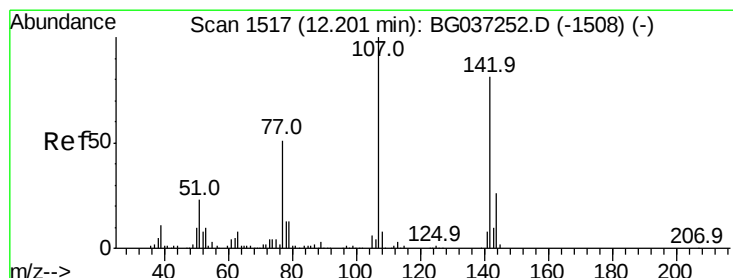
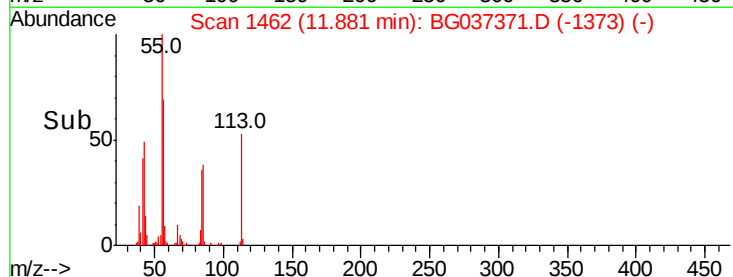
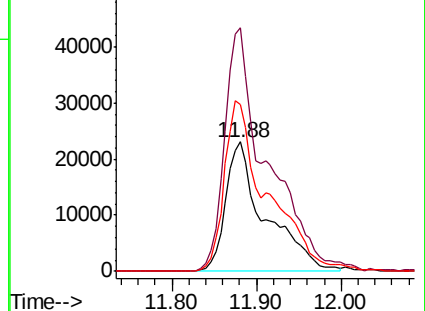
56 129.6 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.819 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

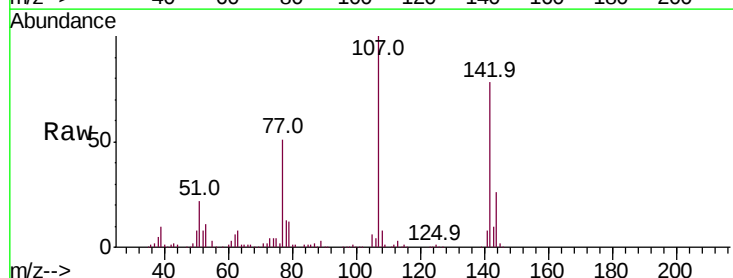
Tgt Ion:107 Resp: 213899

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

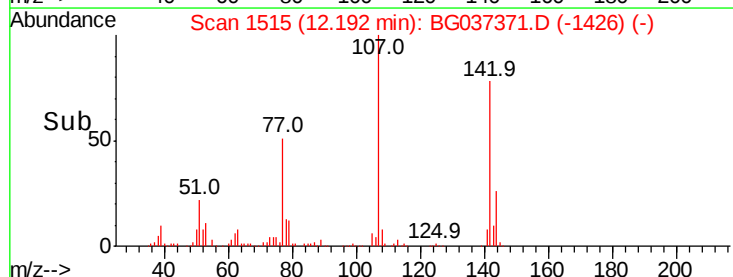
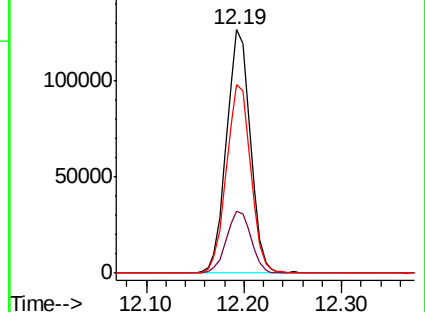
142 77.7 64.4 96.6

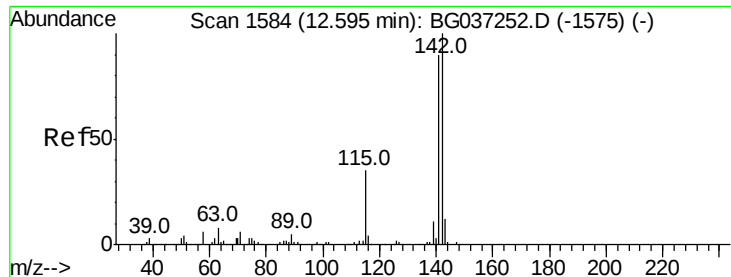


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

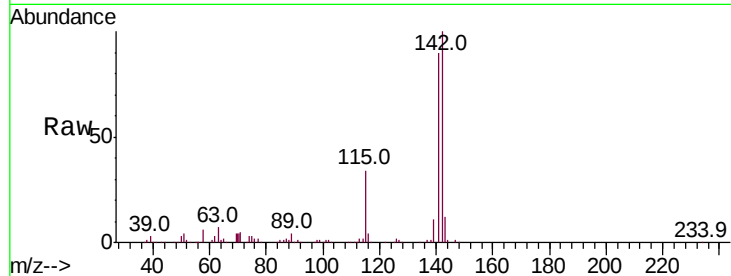




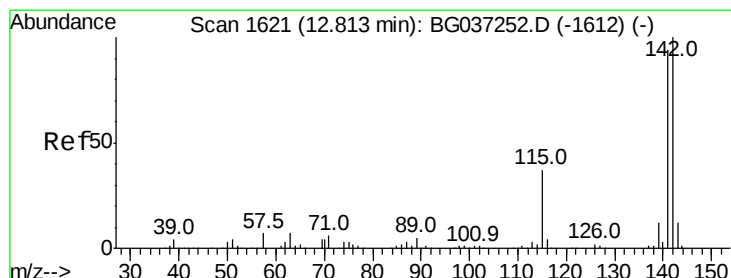
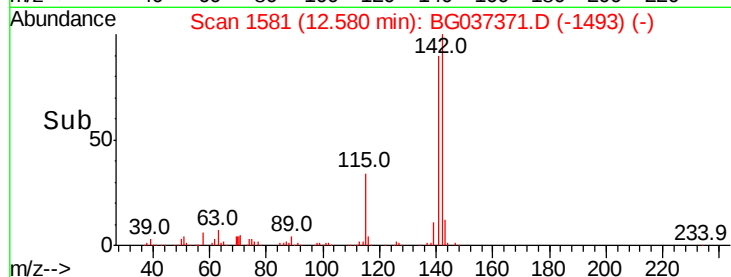
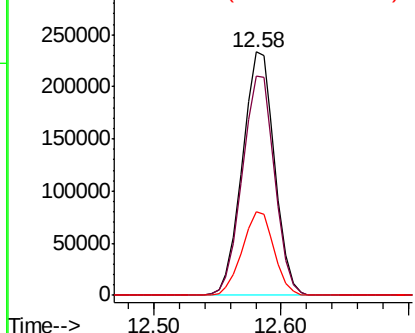
#37
2-Methylnaphthalene
Concen: 44.983 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
PB113872BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	34.3	27.8	41.8

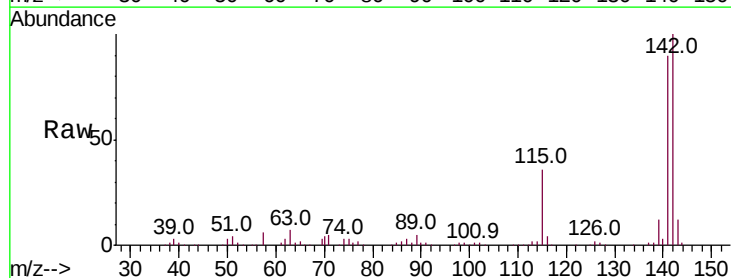


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

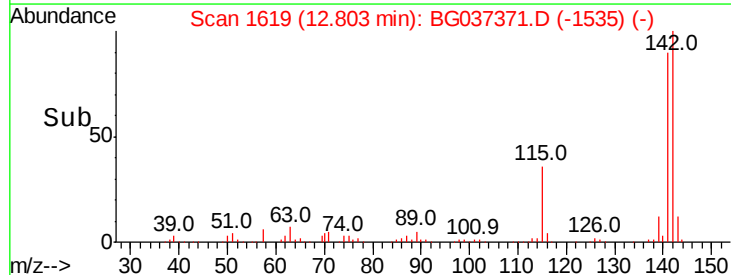
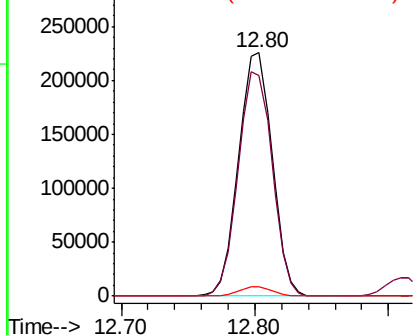


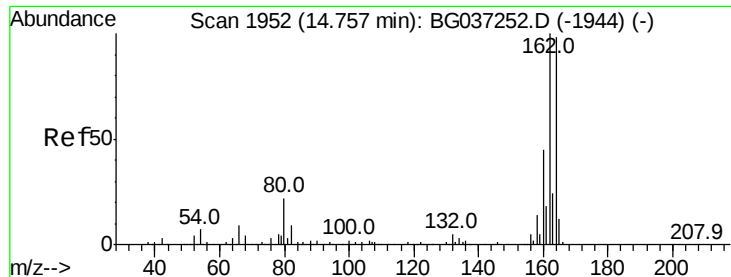
#38
1-Methylnaphthalene
Concen: 44.222 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.2	112.8
116	3.7	3.3	4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

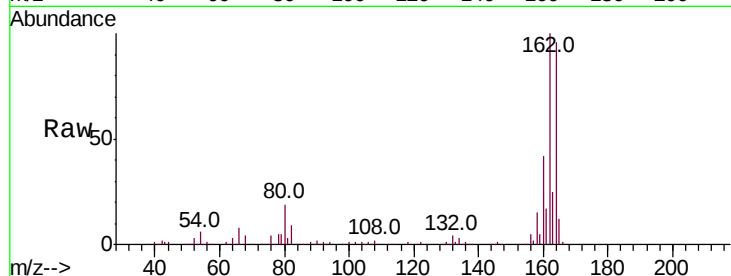
Tot Ion:164 Resp: 174753

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 43.3 36.3 54.5

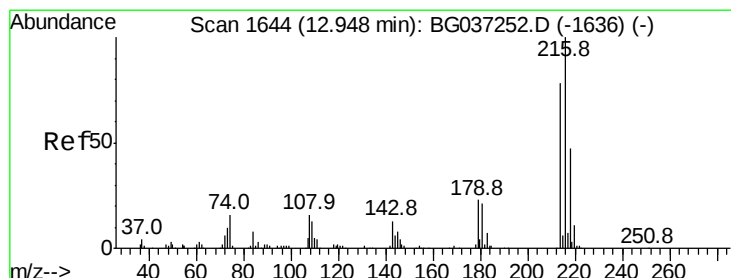
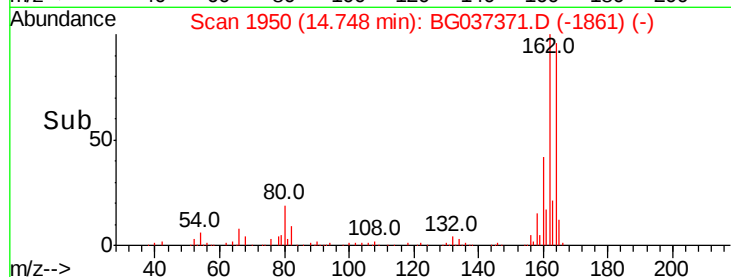
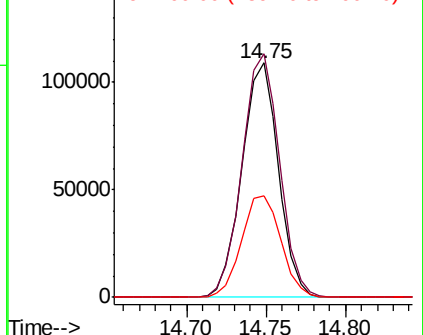


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.324 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Tgt Ion:216 Resp: 211223

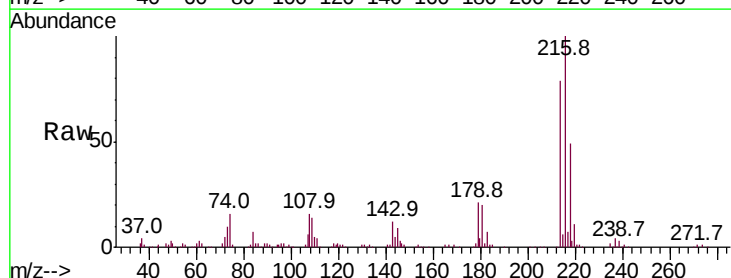
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 21.0 17.4 26.0

108 19.0 13.9 20.9



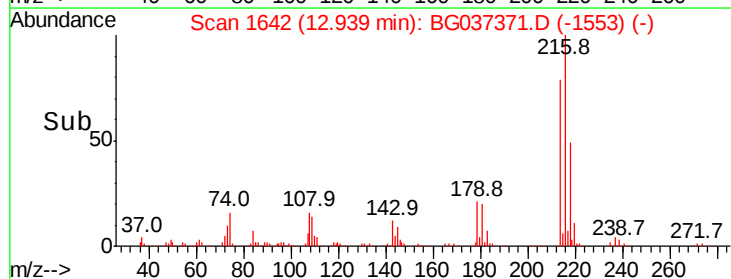
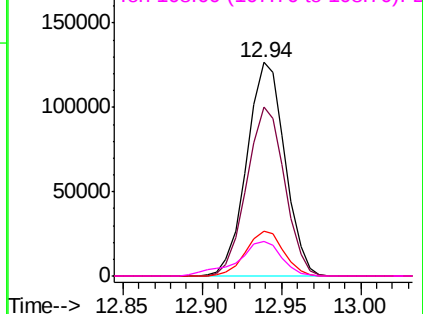
Abundance

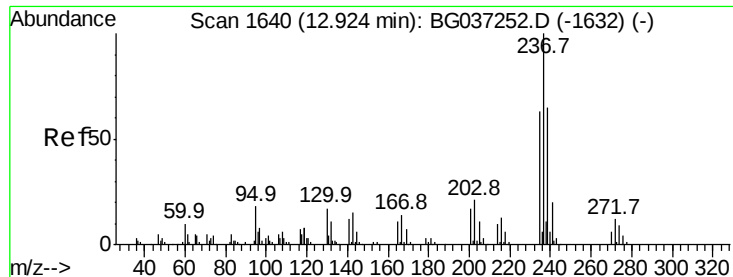
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.686 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

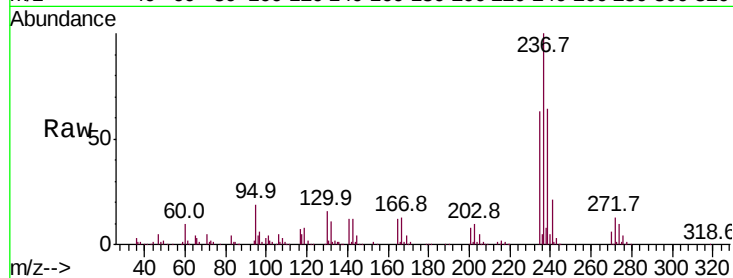
Tot Ion:237 Resp: 244235

Ion Ratio Lower Upper

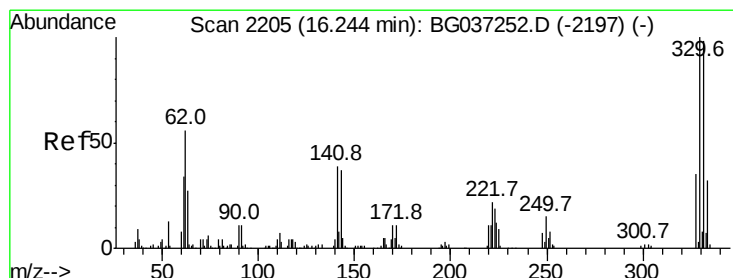
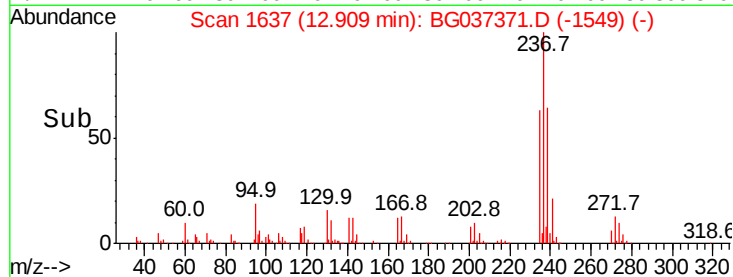
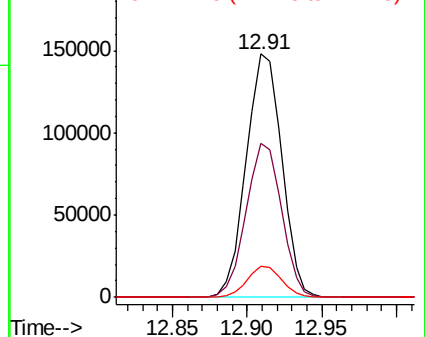
237 100

235 63.3 42.5 82.5

272 13.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.404 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

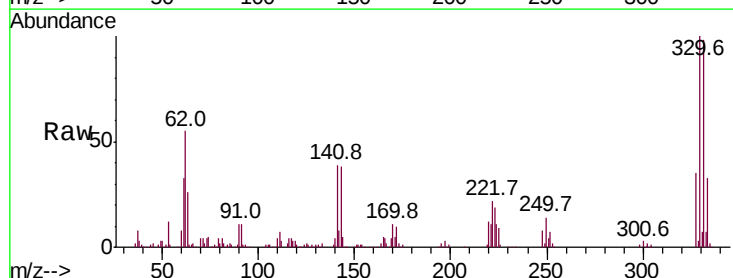
Tgt Ion:330 Resp: 238916

Ion Ratio Lower Upper

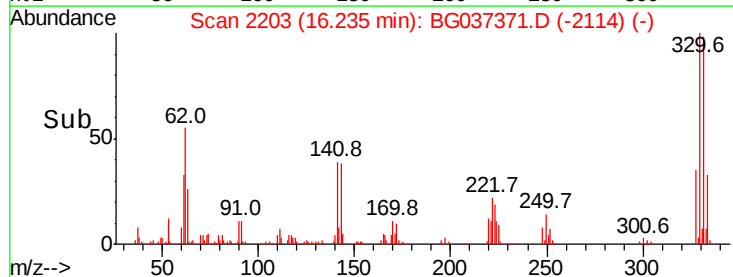
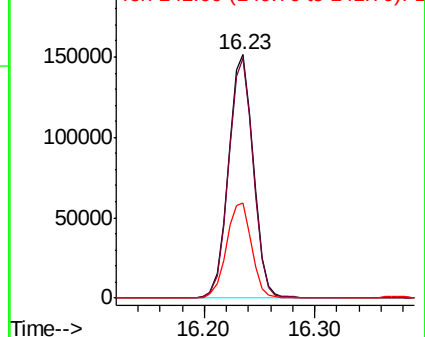
330 100

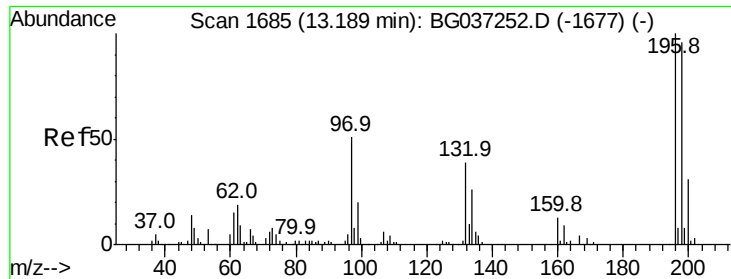
332 97.4 78.4 117.6

141 39.4 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

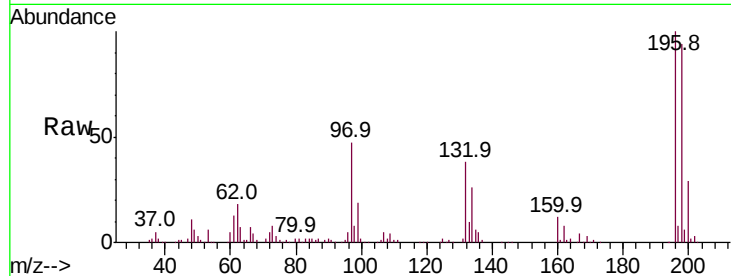




#43
 2,4,6-Trichlorophenol
 Concen: 50.057 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.4	114.6
200	28.8	24.9	37.3

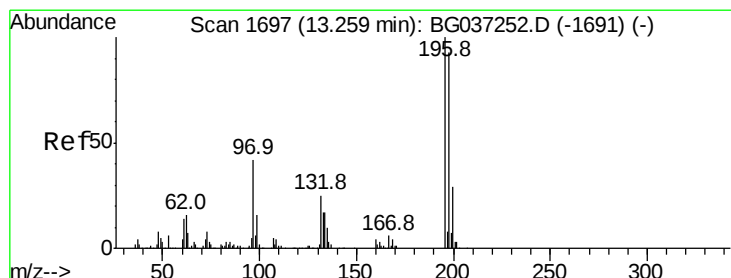
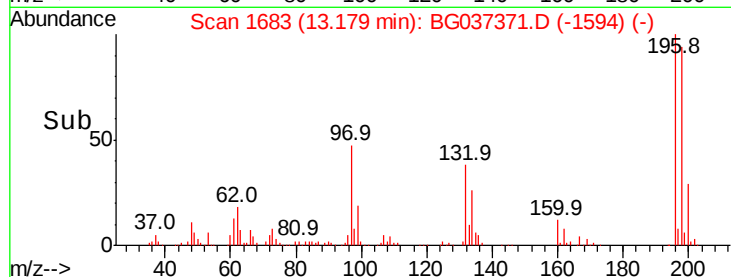
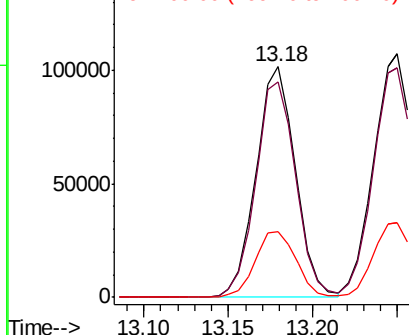


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.405 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.2	111.2
97	42.9	34.1	51.1
132	26.2	20.2	30.4

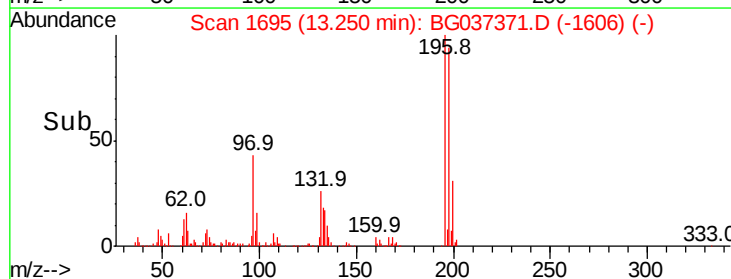
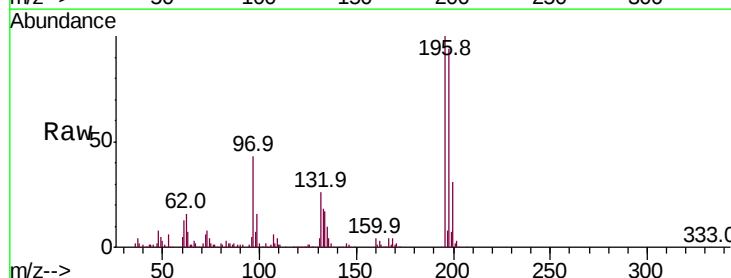
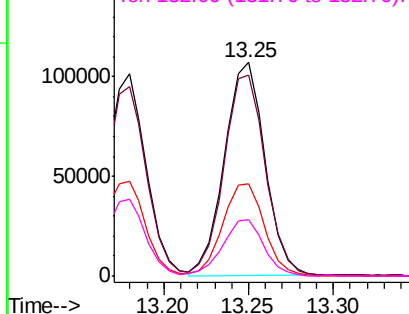
Abundance

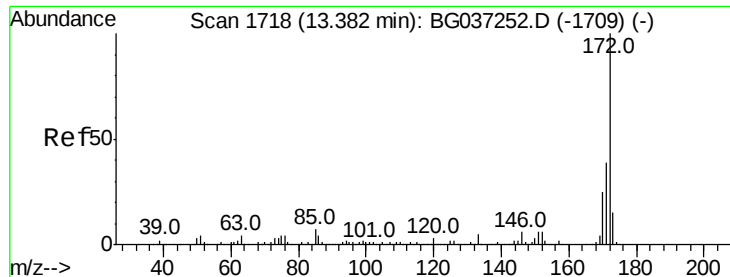
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

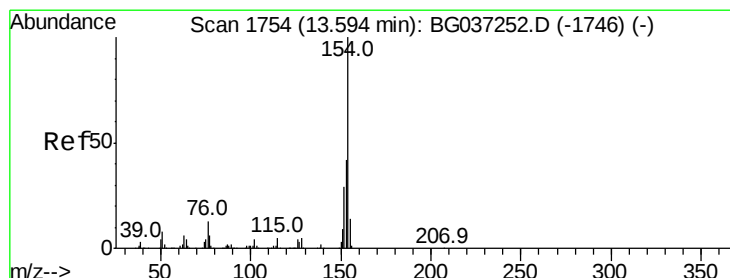
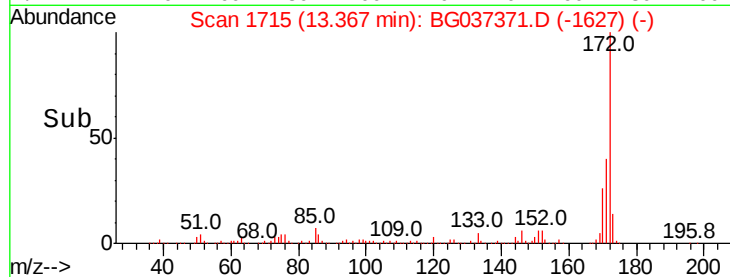
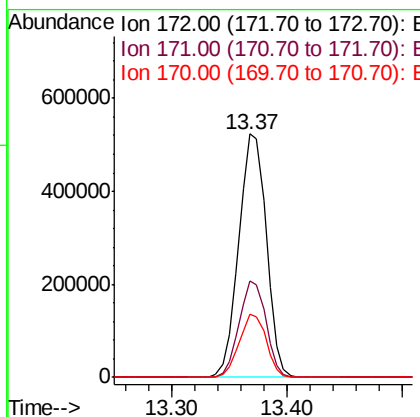
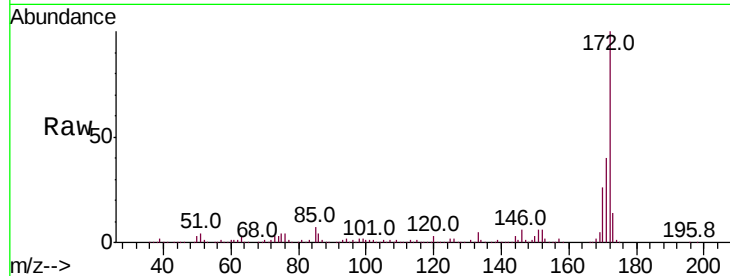




#45
2-Fluorobiphenyl
Concen: 74.441 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

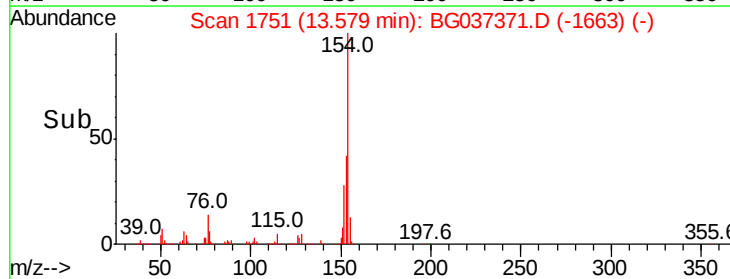
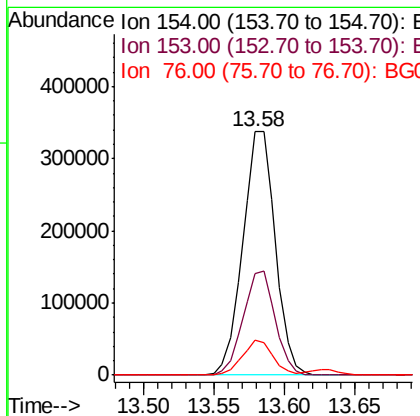
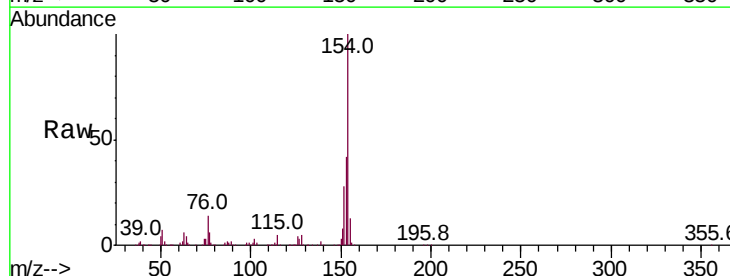
Instrument :
BNA_G
ClientSampleId :
PB113872BS

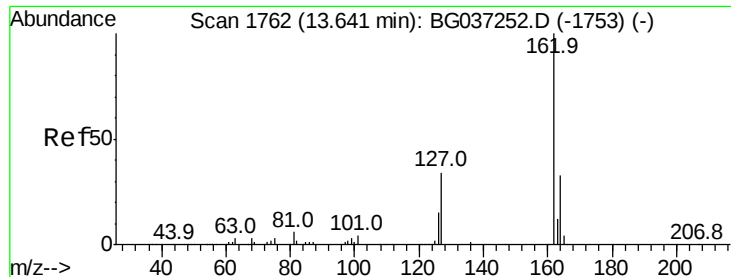
Tot Ion:172 Resp: 866234
Ion Ratio Lower Upper
172 100
171 39.7 31.0 46.4
170 25.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 37.805 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:154 Resp: 543458
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 14.4 0.0 33.2

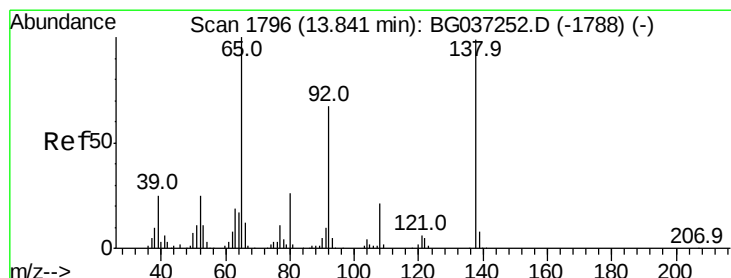
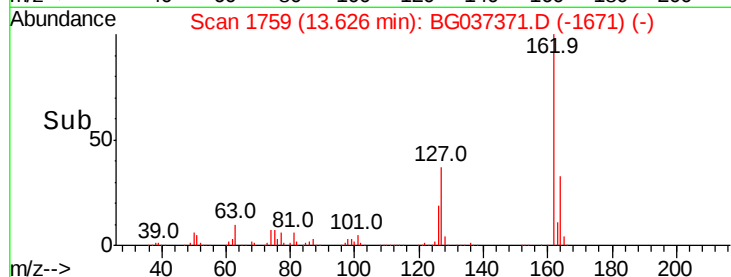
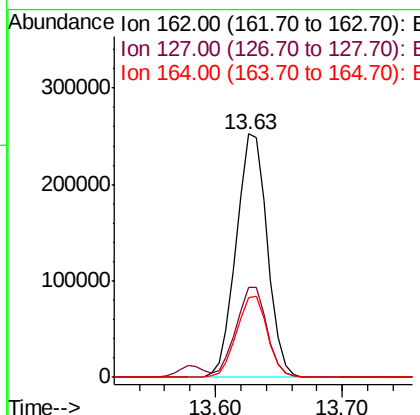
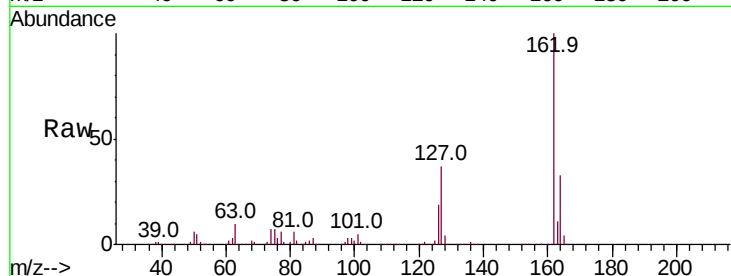




#47
2-Chloronaphthalene
Concen: 39.267 ng
RT: 13.63 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

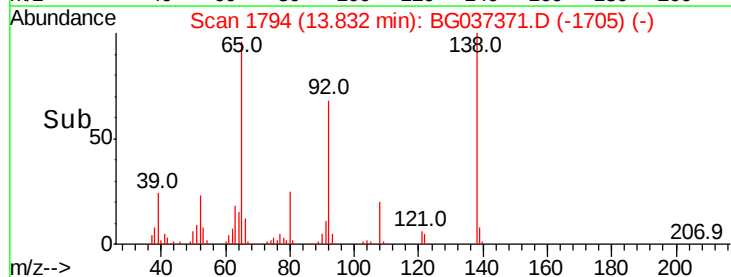
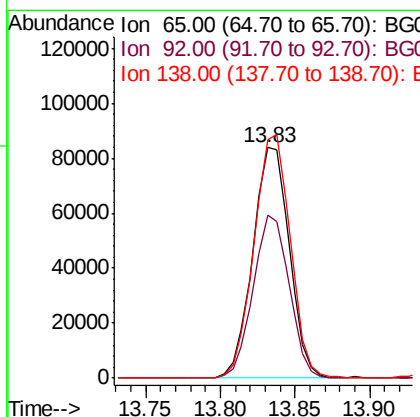
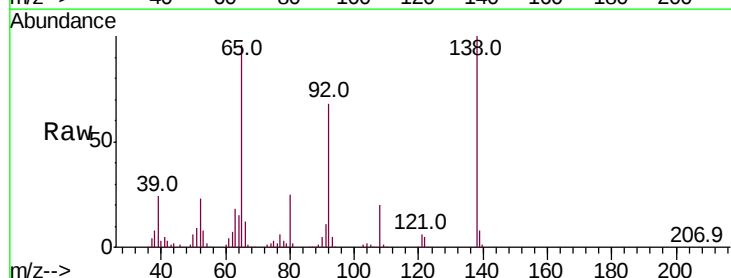
Instrument :
BNA_G
ClientSampleId :
PB113872BS

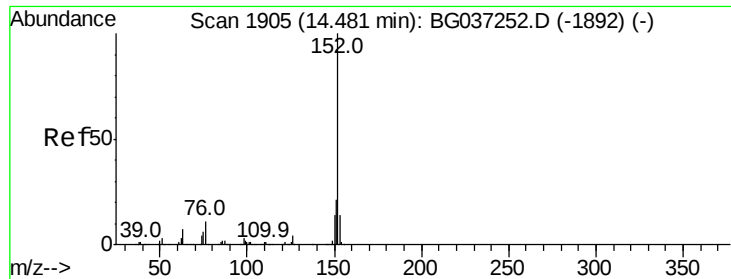
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.5	45.7
164	32.6	26.4	39.6



#48
2-Nitroaniline
Concen: 48.133 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.2	79.8
138	103.8	79.3	118.9





#49

Acenaphthylene

Concen: 43.441 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

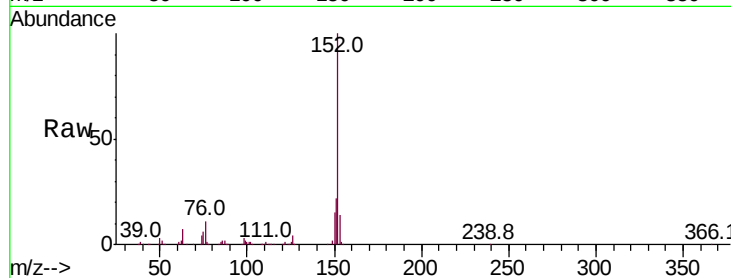
Tot Ion:152 Resp: 721591

Ion Ratio Lower Upper

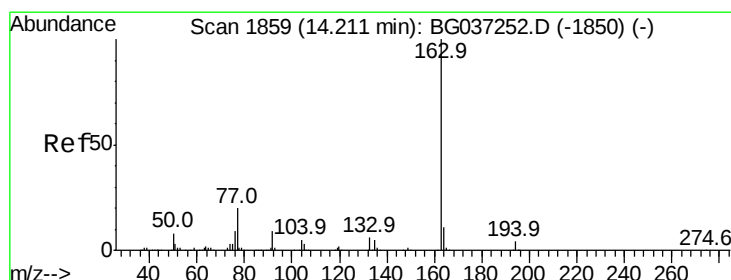
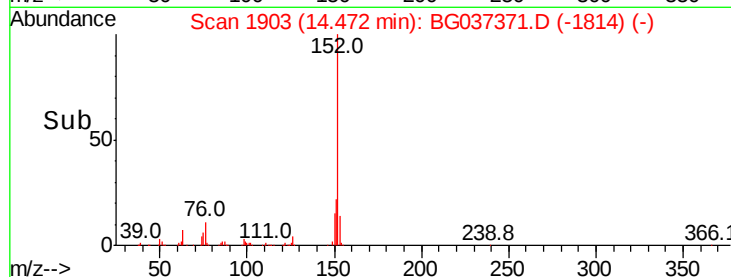
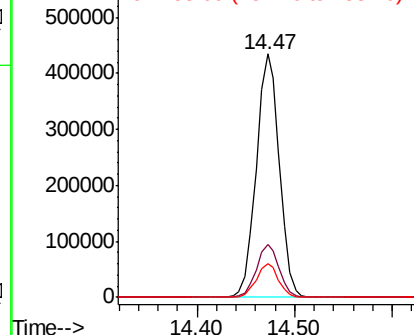
152 100

151 21.6 17.1 25.7

153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.195 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

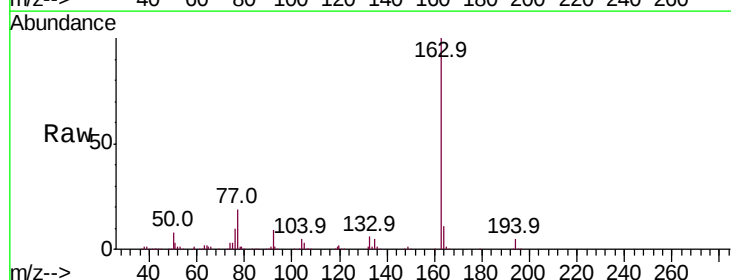
Tgt Ion:163 Resp: 579486

Ion Ratio Lower Upper

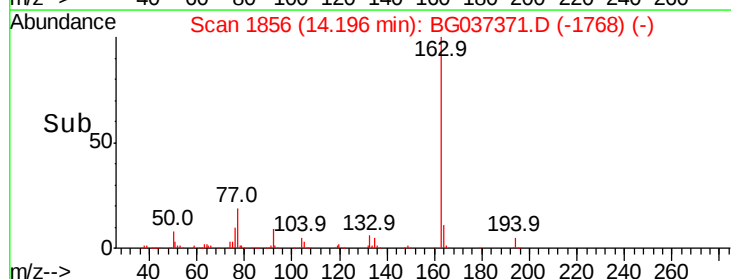
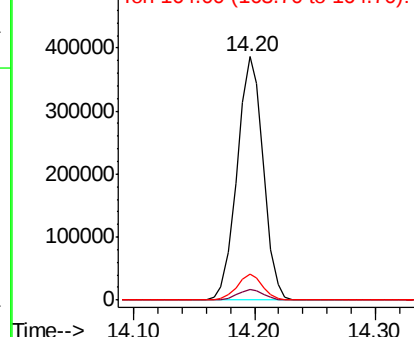
163 100

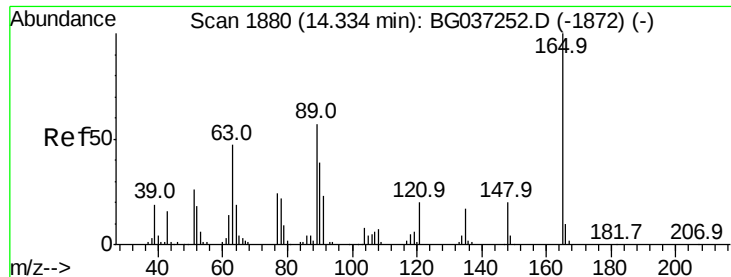
194 4.6 3.5 5.3

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.673 ng

RT: 14.33 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

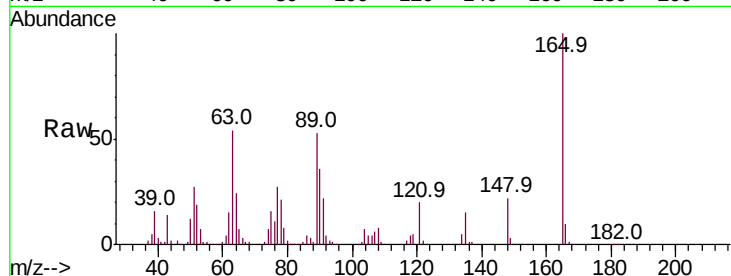
Tot Ion:165 Resp: 127077

Ion Ratio Lower Upper

165 100

63 53.5 43.4 65.2

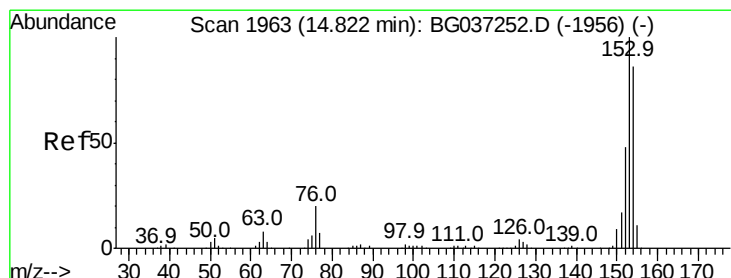
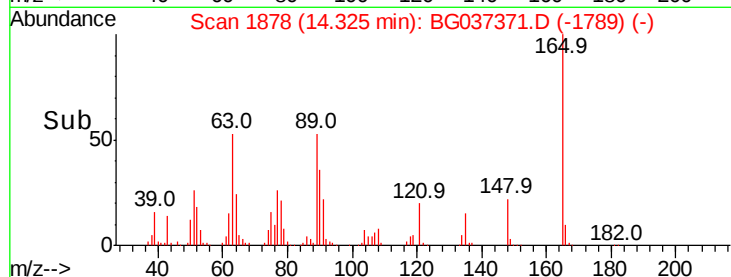
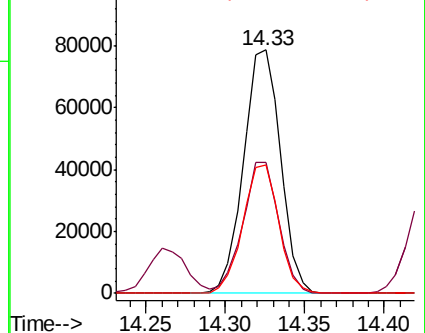
89 52.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.618 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

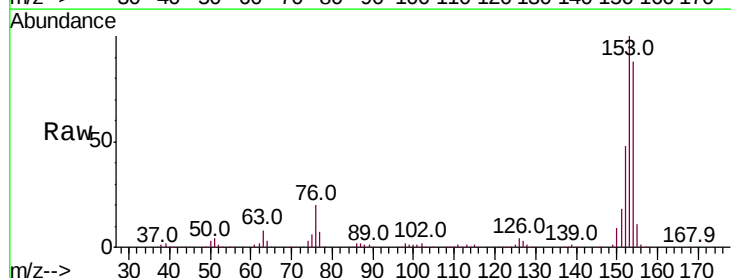
Tgt Ion:154 Resp: 416756

Ion Ratio Lower Upper

154 100

153 113.5 93.4 140.0

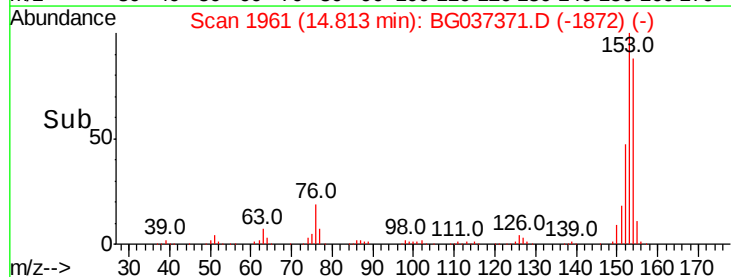
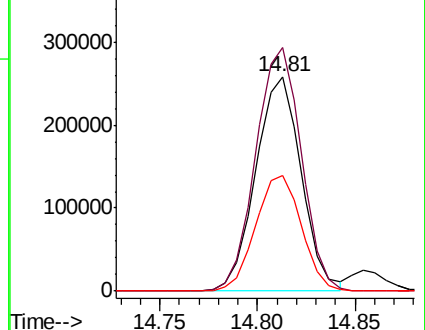
152 54.0 44.7 67.1

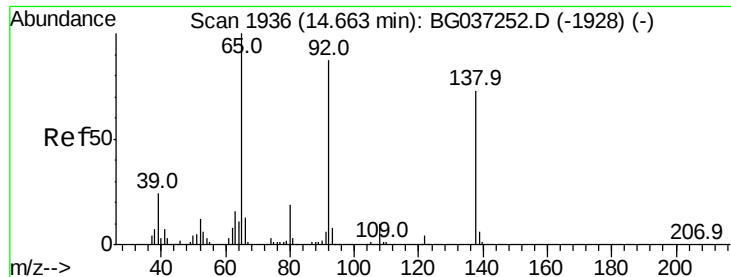


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

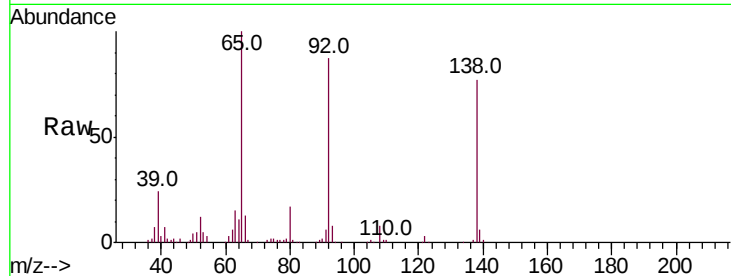




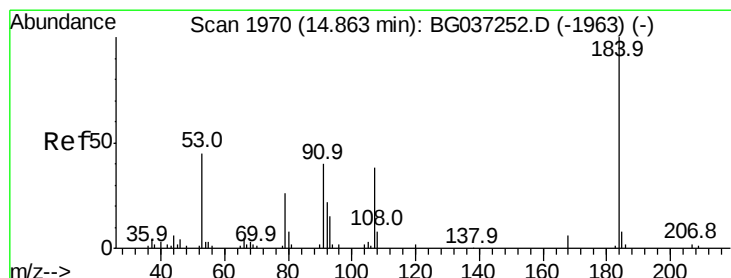
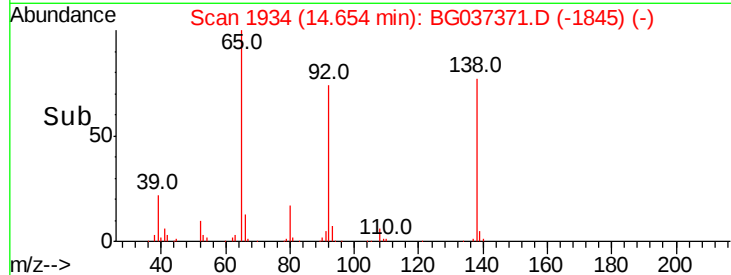
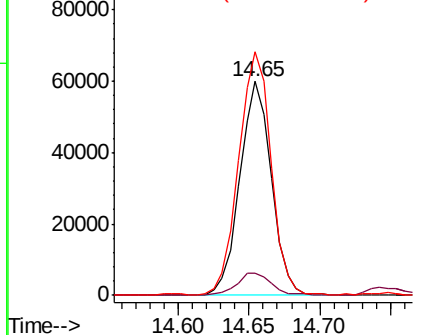
#53
3-Nitroaniline
Concen: 32.668 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
PB113872BS

Tot Ion:138 Resp: 93867
Ion Ratio Lower Upper
138 100
108 10.3 11.0 16.6#
92 113.8 95.2 142.8

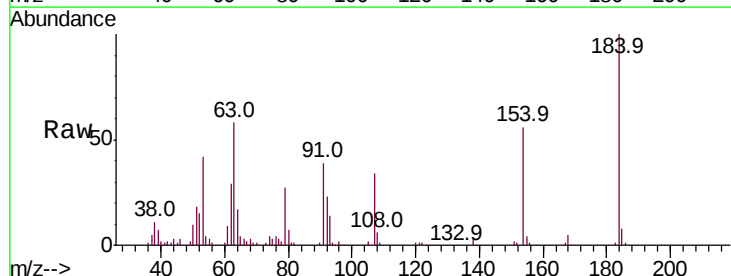


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

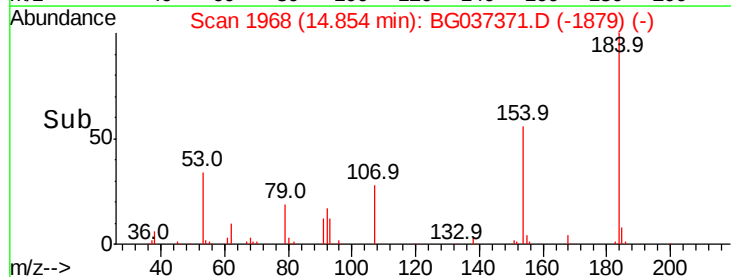
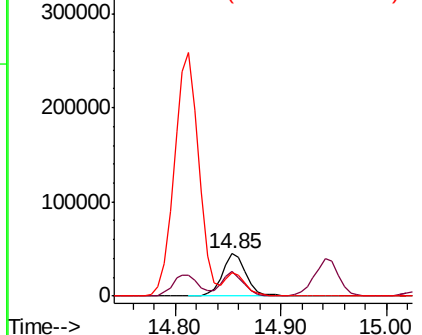


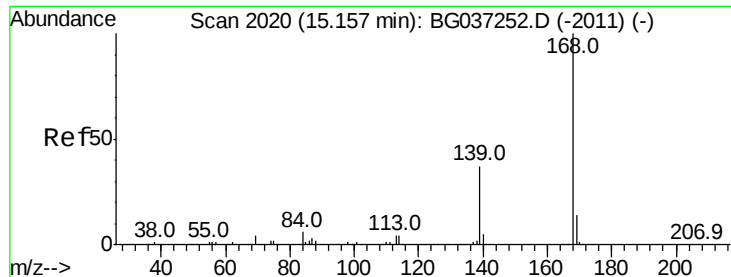
#54
2,4-Dinitrophenol
Concen: 103.483 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:184 Resp: 71113
Ion Ratio Lower Upper
184 100
63 58.0 42.6 63.8
154 55.6 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

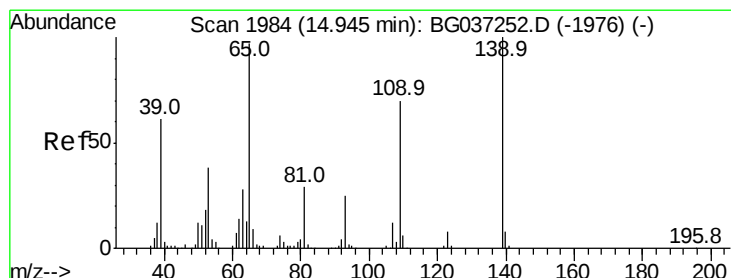
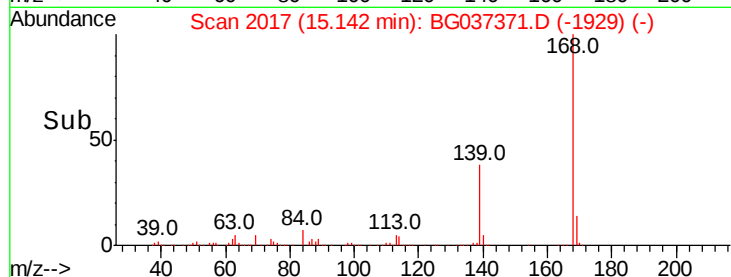
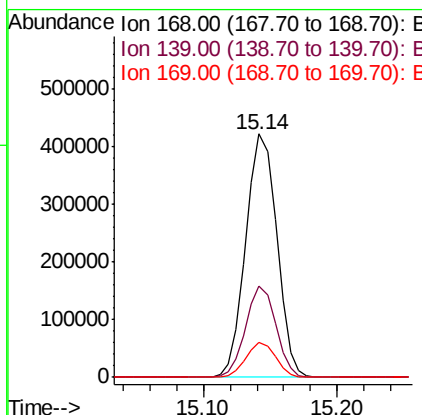
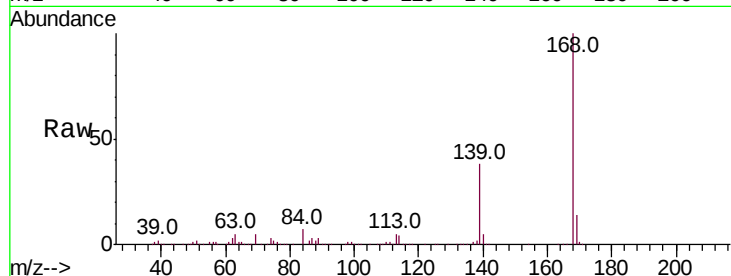




#55
Dibenzofuran
Concen: 40.670 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

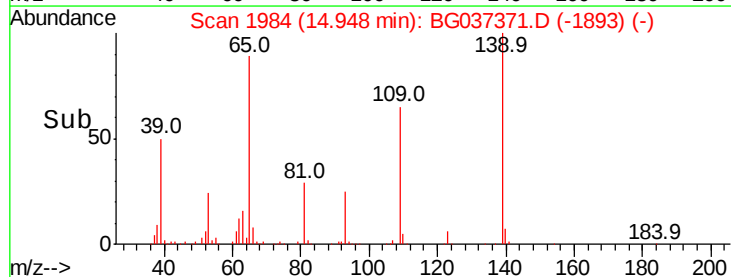
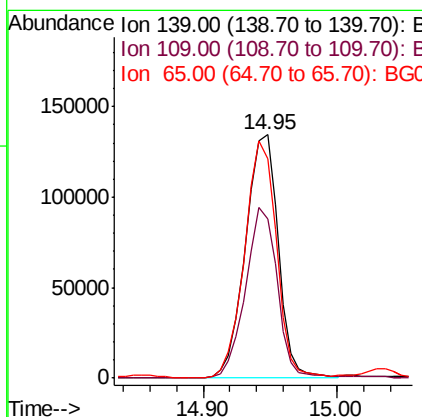
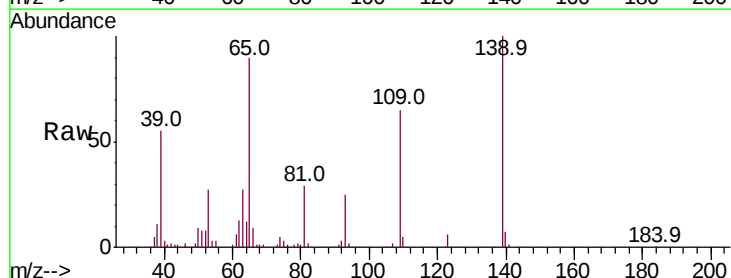
Instrument :
BNA_G
ClientSampleId :
PB113872BS

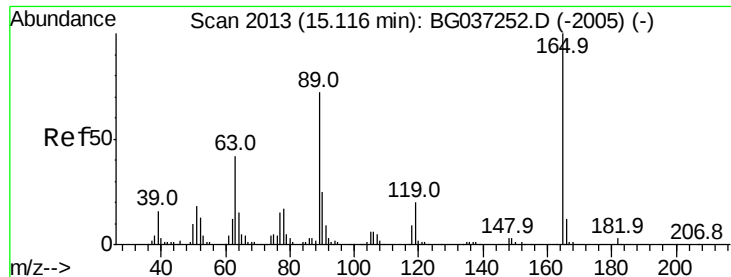
Tot Ion:168 Resp: 677105
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 101.931 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:139 Resp: 228303
Ion Ratio Lower Upper
139 100
109 65.1 49.5 89.5
65 90.0 76.8 116.8

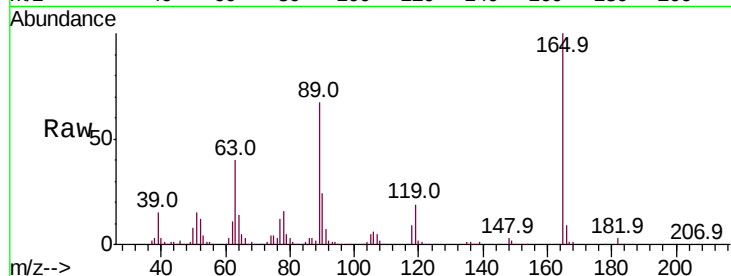




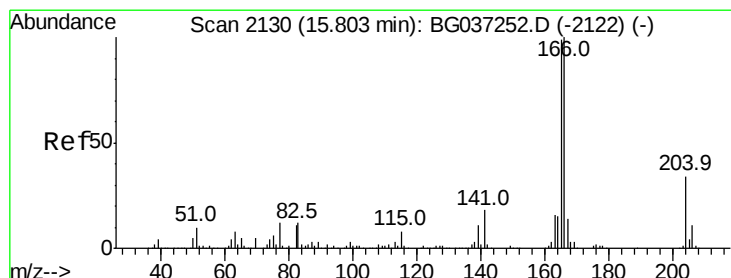
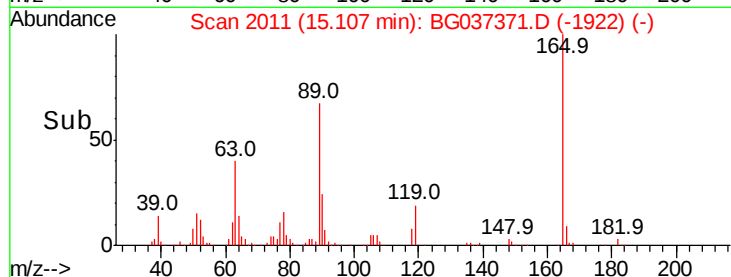
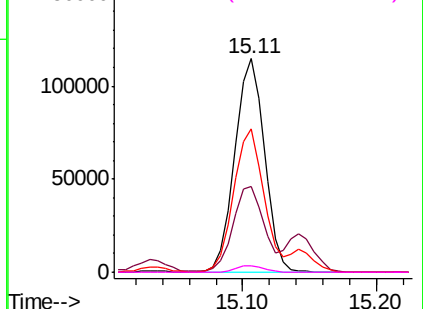
#57
 2,4-Dinitrotoluene
 Concen: 52.027 ng
 RT: 15.11 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BS

Tot Ion:165 Resp: 177357
 Ion Ratio Lower Upper
 165 100
 63 40.0 33.4 50.0
 89 67.2 57.2 85.8
 182 3.0 2.6 4.0

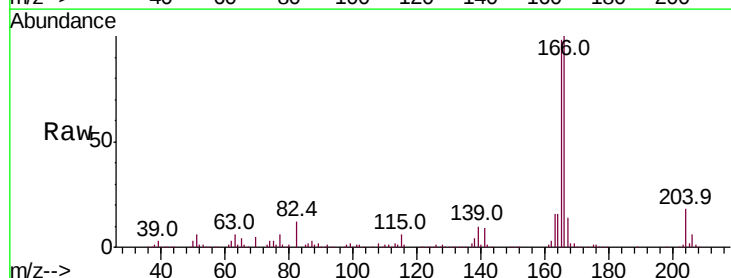


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

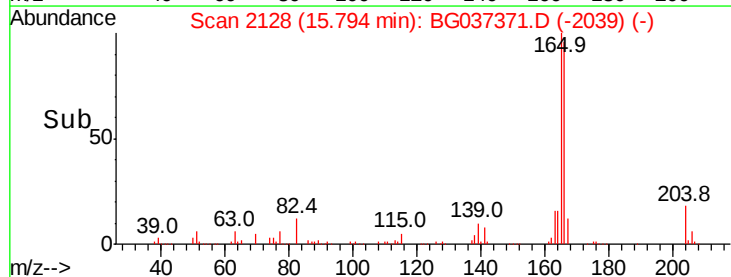
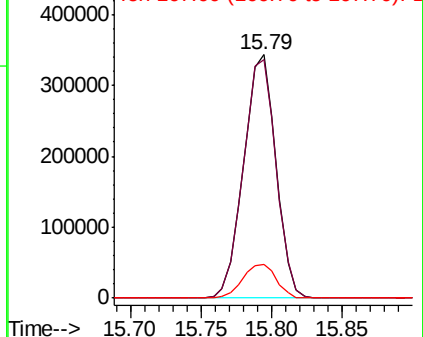


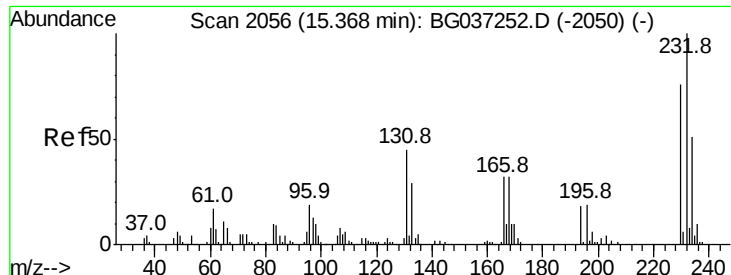
#58
 Fluorene
 Concen: 43.637 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Tgt Ion:166 Resp: 549450
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.0 118.6
 167 13.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

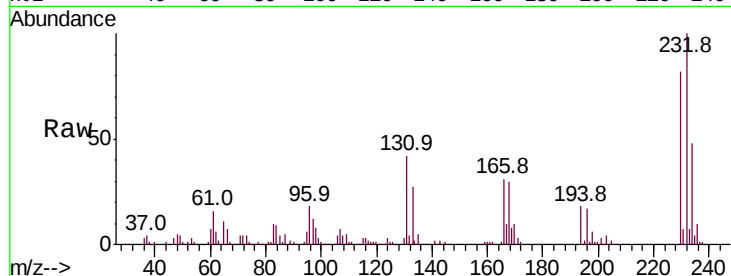




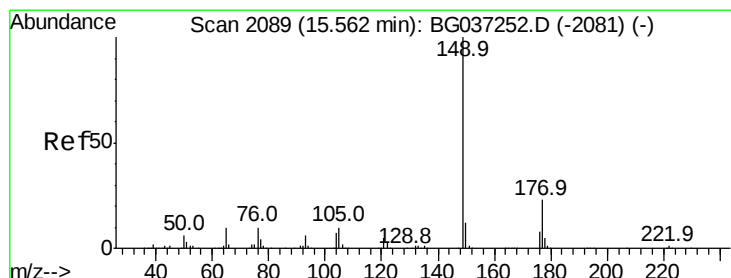
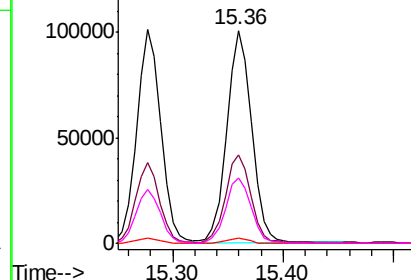
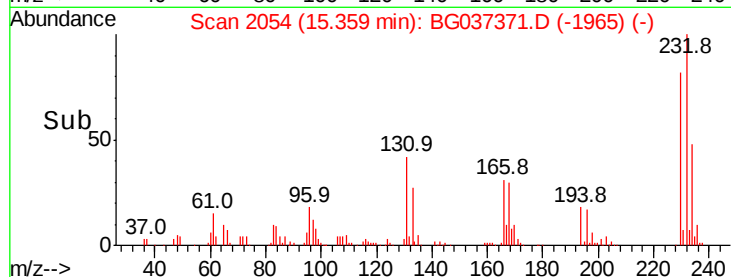
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.819 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 PB113872BS

Tot Ion:	232	Resp:	158927
Ion	Ratio	Lower	Upper
232	100		
131	42.3	33.7	50.5
130	2.3	2.1	3.1
166	30.9	24.6	36.8

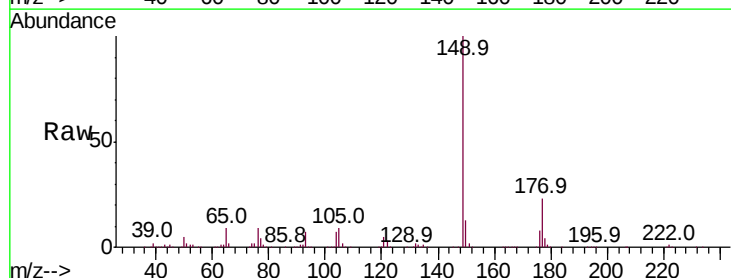


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

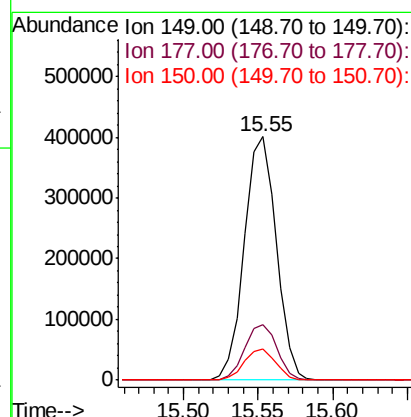
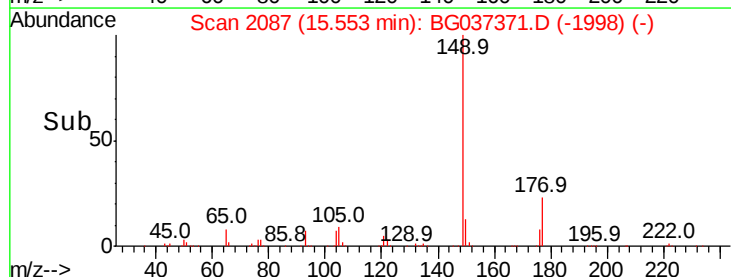


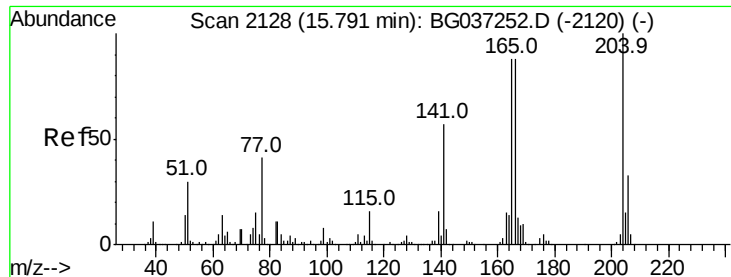
#60
 Diethylphthalate
 Concen: 41.712 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037371.D
 Acq: 16 Oct 2018 22:42

Tgt Ion:	149	Resp:	593660
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.7	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 39.496 ng

RT: 15.78 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

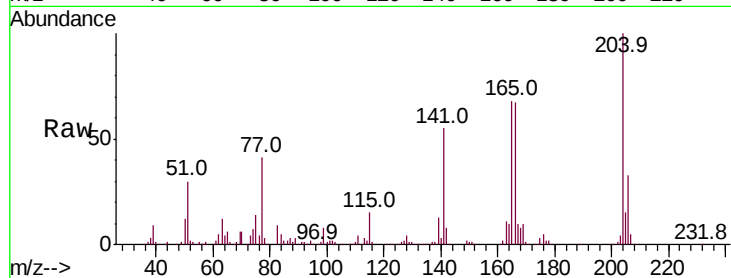
Tot Ion:204 Resp: 290686

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

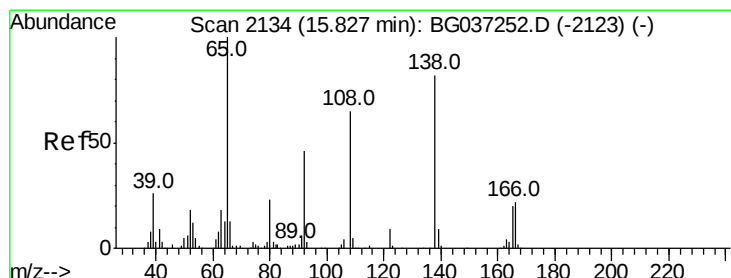
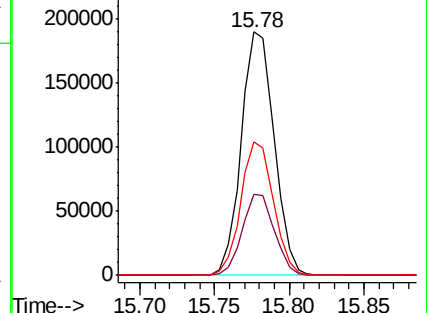
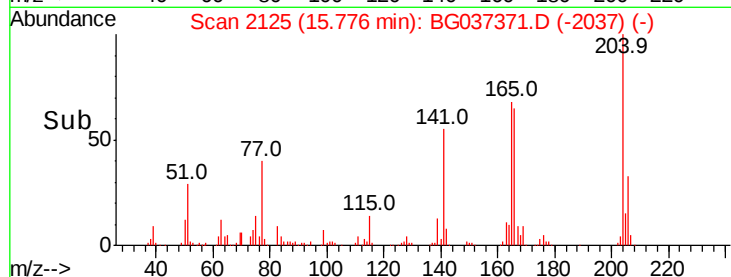
141 55.0 45.4 68.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 47.838 ng

RT: 15.82 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

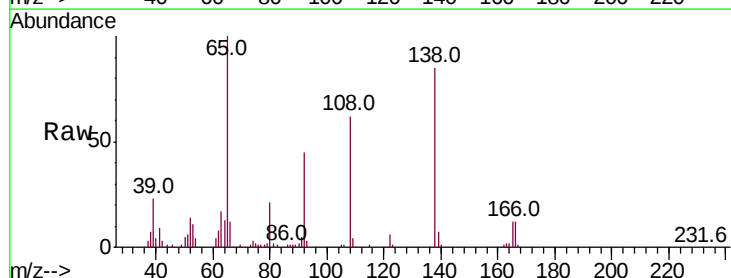
Tgt Ion:138 Resp: 144275

Ion Ratio Lower Upper

138 100

92 53.6 36.4 76.4

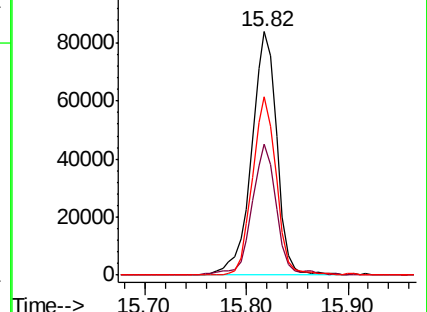
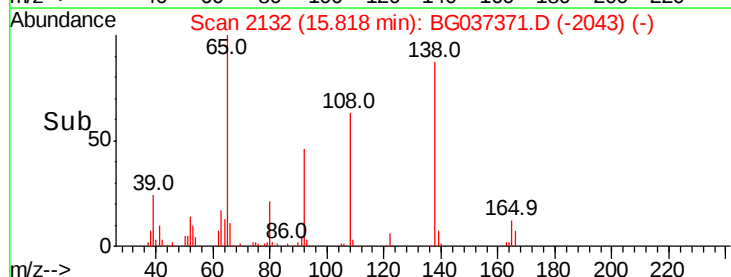
108 73.5 60.1 100.1

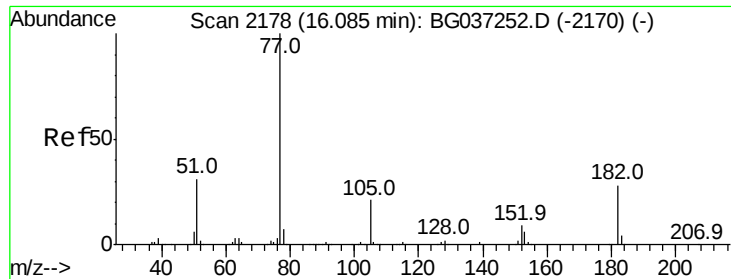


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

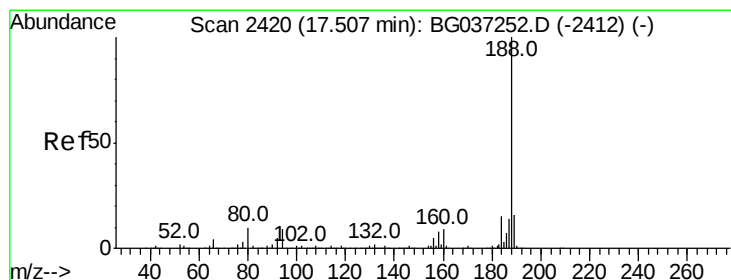
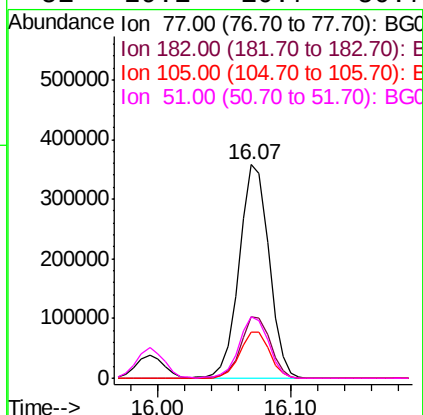
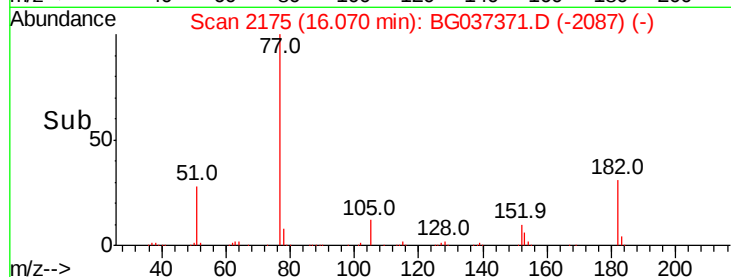
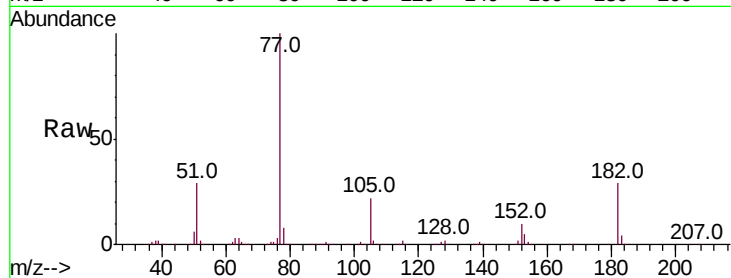




#63
Azobenzene
Concen: 40.453 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

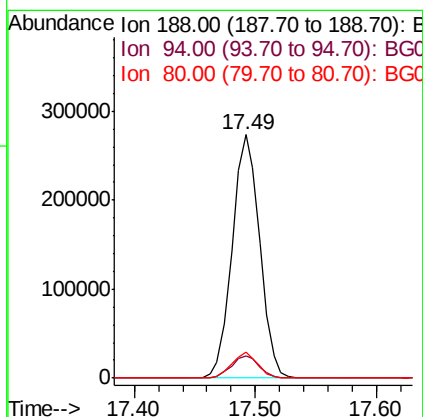
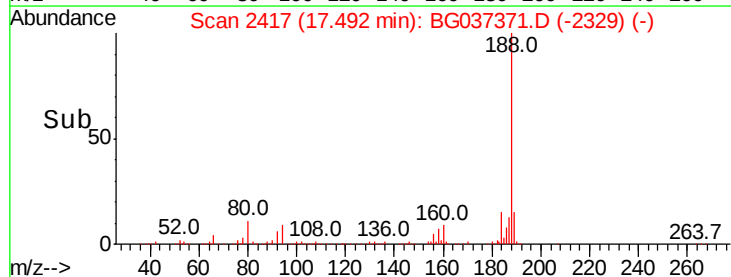
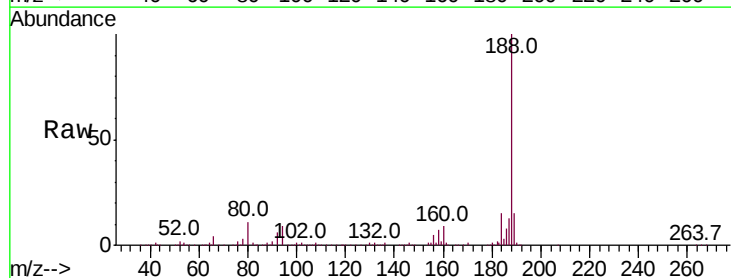
Instrument :
BNA_G
ClientSampleId :
PB113872BS

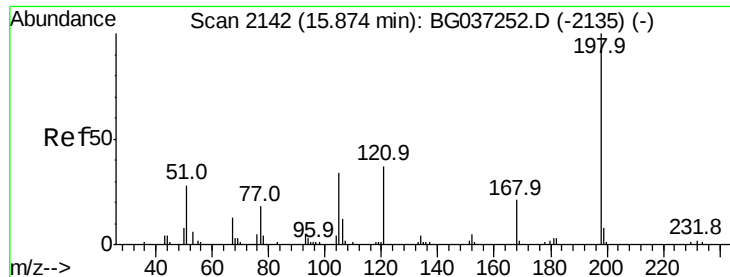
Tot Ion:	77	Resp:	552015
Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.0	48.0
105	21.7	1.3	41.3
51	29.1	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:	188	Resp:	433163
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.6	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 51.336 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

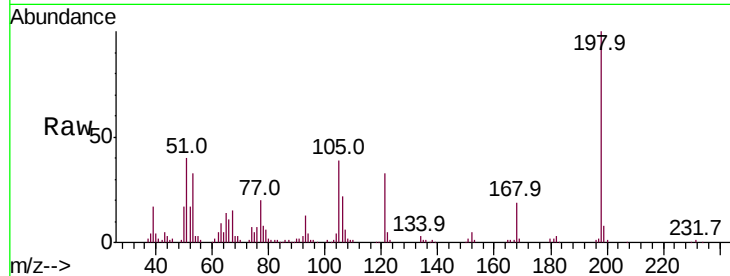
Tot Ion:198 Resp: 70242

Ion Ratio Lower Upper

198 100

51 40.2 22.7 62.7

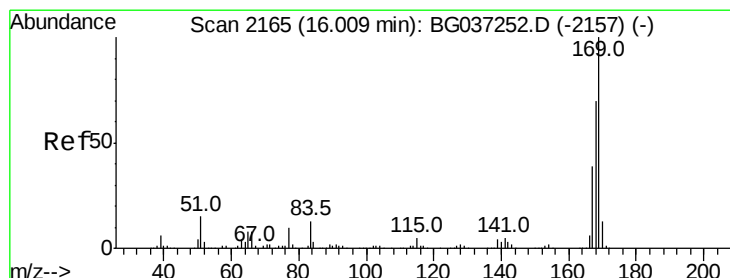
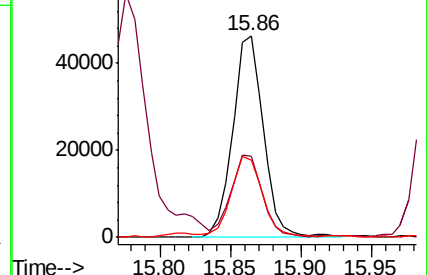
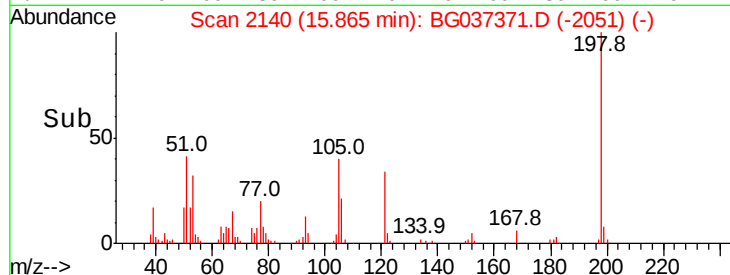
105 38.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.384 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

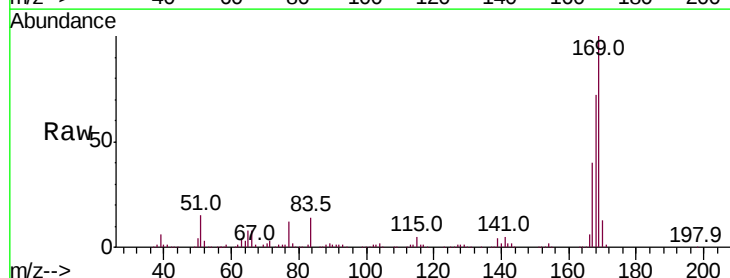
Tgt Ion:169 Resp: 513705

Ion Ratio Lower Upper

169 100

168 72.5 55.7 83.5

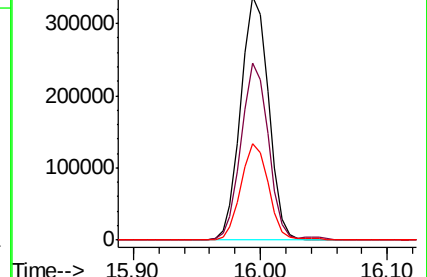
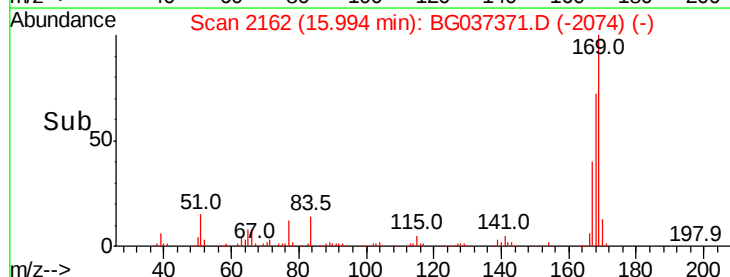
167 39.6 31.3 46.9

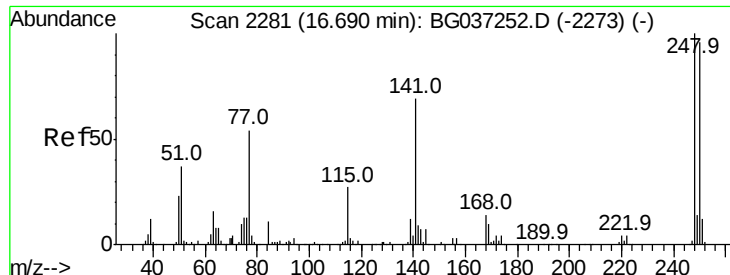


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

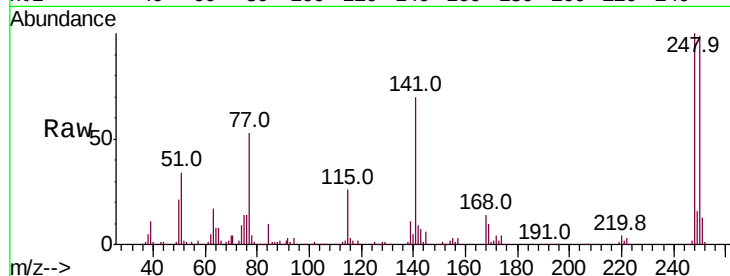




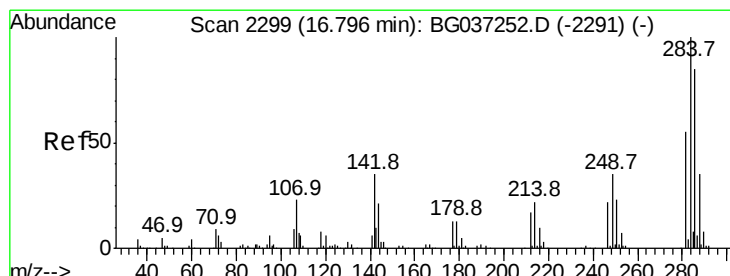
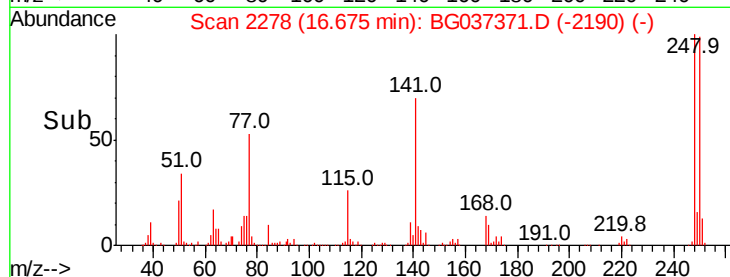
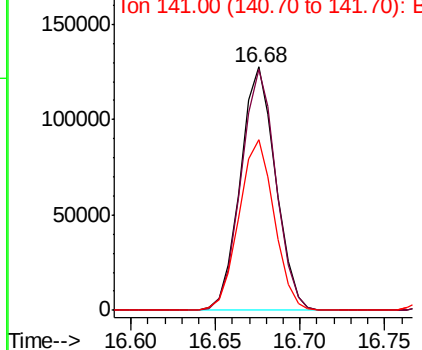
#67
4-Bromophenyl-phenylether
Concen: 39.640 ng
RT: 16.68 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
PB113872BS

Tot Ion:248 Resp: 185313
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 69.9 55.5 83.3

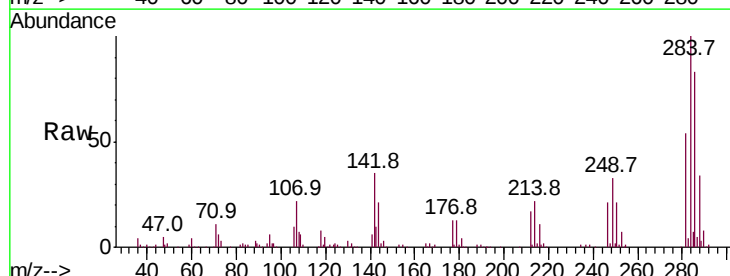


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

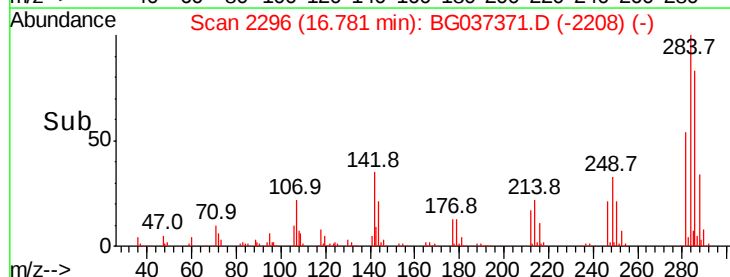
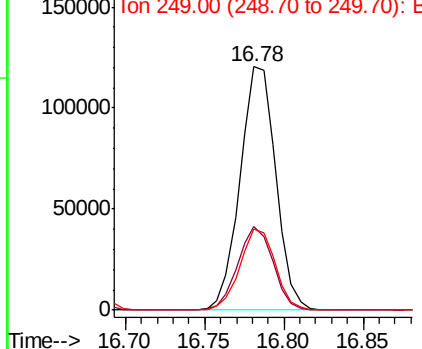


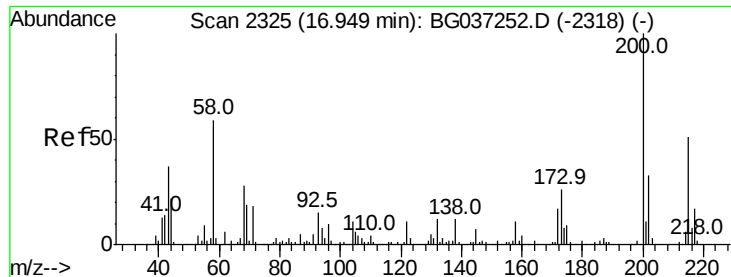
#68
Hexachlorobenzene
Concen: 38.803 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:284 Resp: 188077
Ion Ratio Lower Upper
284 100
142 34.6 28.1 42.1
249 35.7 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.337 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

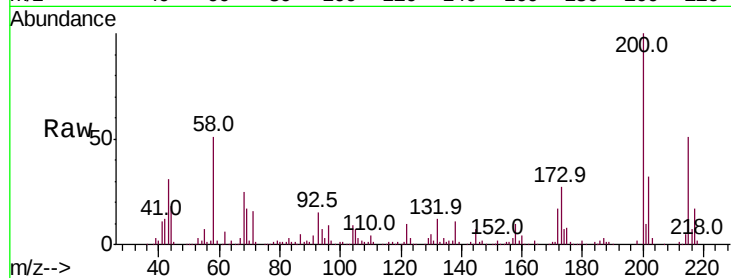
Tot Ion:200 Resp: 200165

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

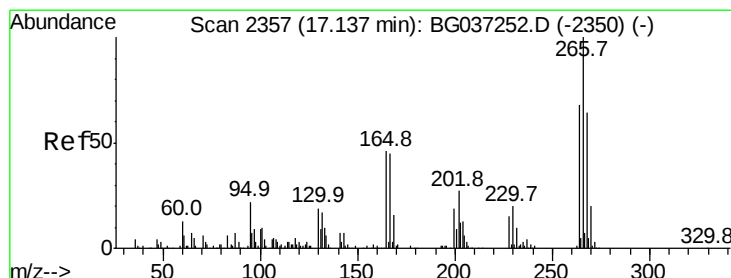
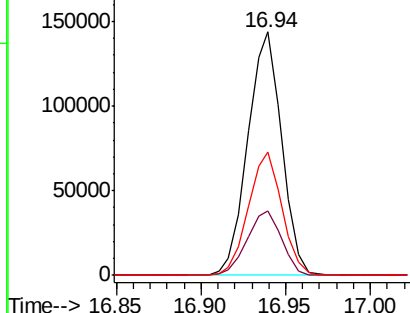
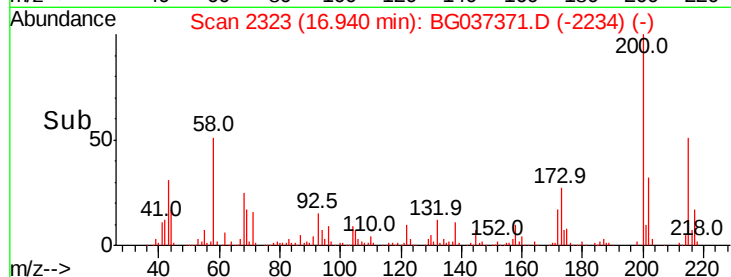
215 50.6 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.332 ng

RT: 17.13 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

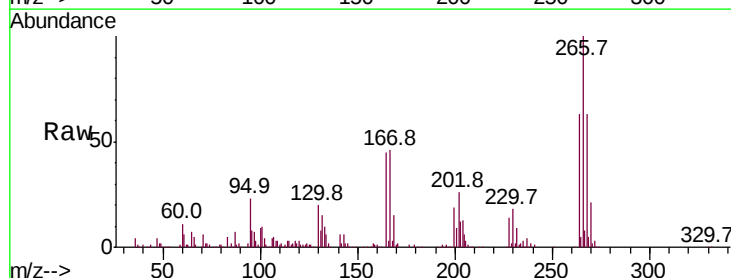
Tgt Ion:266 Resp: 219944

Ion Ratio Lower Upper

266 100

268 67.8 55.0 82.6

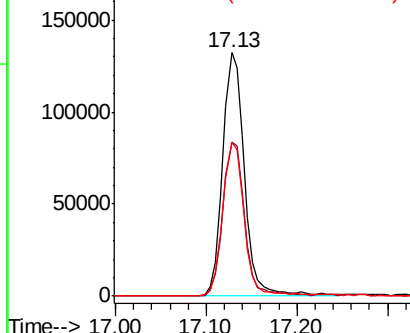
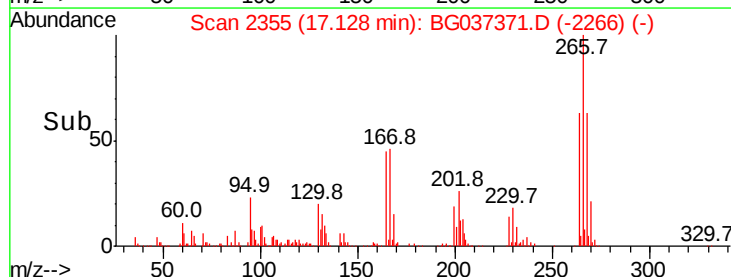
264 63.3 58.9 88.3

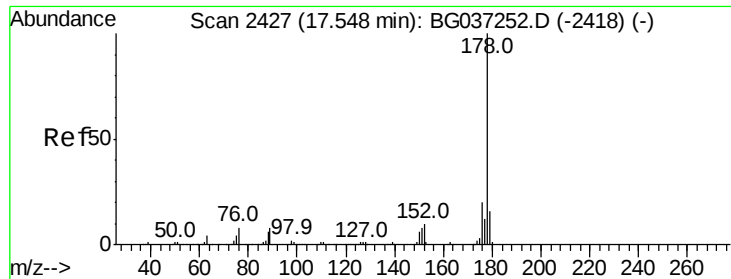


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

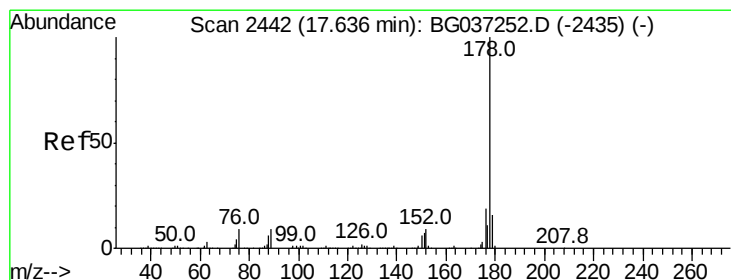
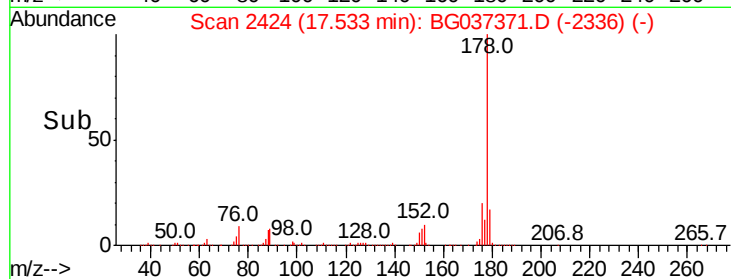
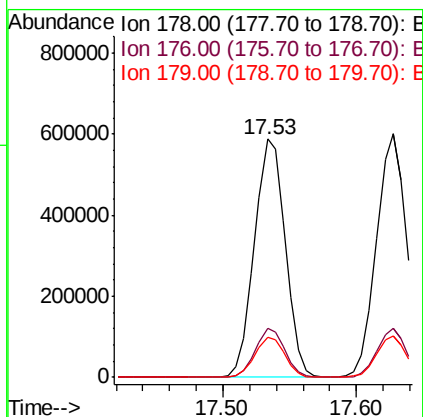
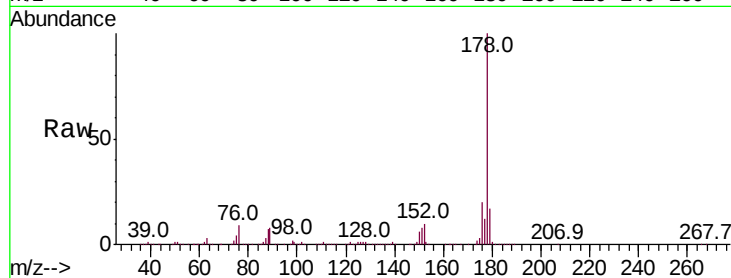




#71
Phenanthrene
Concen: 42.373 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

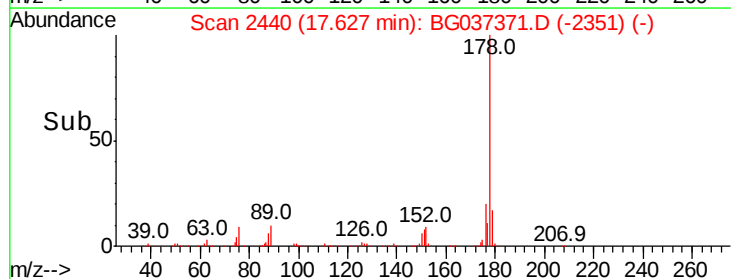
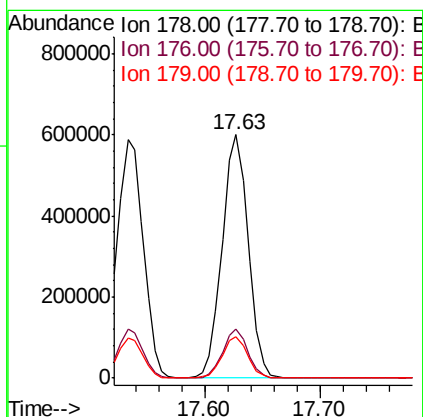
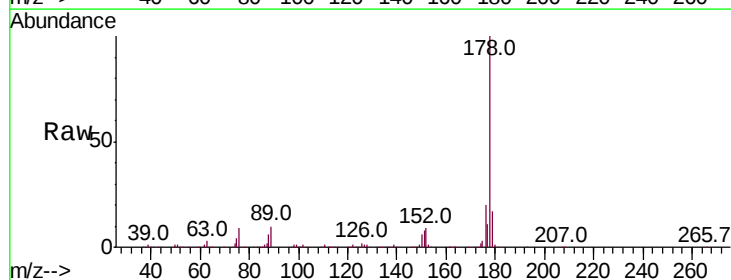
Instrument :
BNA_G
ClientSampleId :
PB113872BS

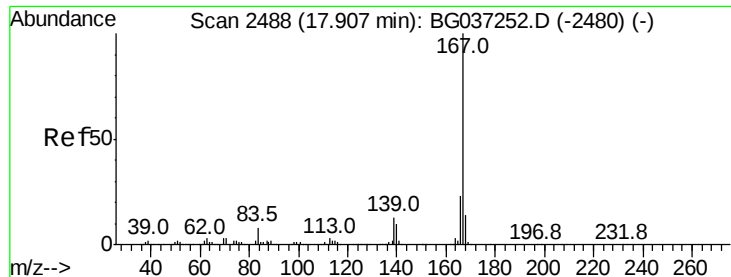
Tot Ion:178 Resp: 934304
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.9 13.0 19.4



#72
Anthracene
Concen: 43.430 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:178 Resp: 937308
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 17.1 12.8 19.2





#73

Carbazole

Concen: 39.615 ng

RT: 17.90 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

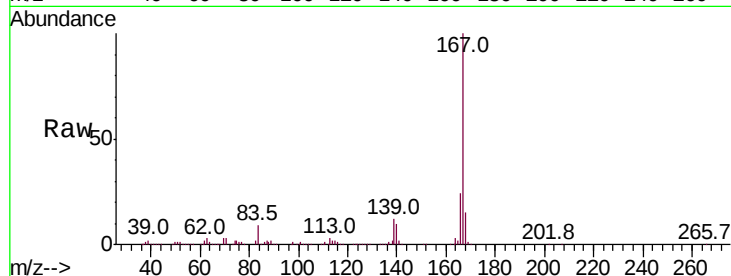
Tot Ion:167 Resp: 880921

Ion Ratio Lower Upper

167 100

166 23.7 18.3 27.5

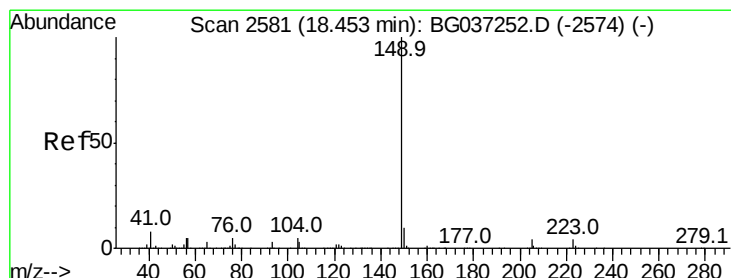
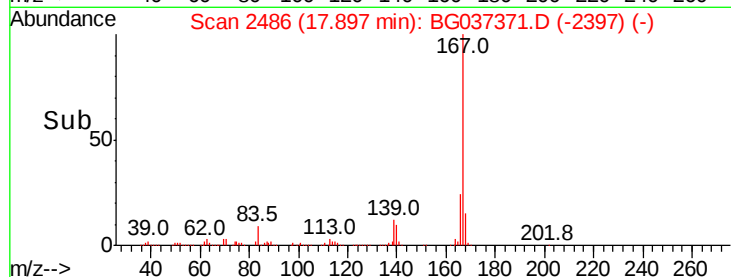
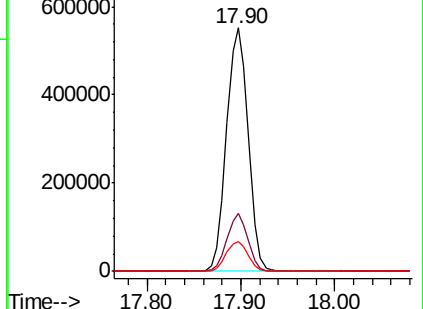
139 12.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.404 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

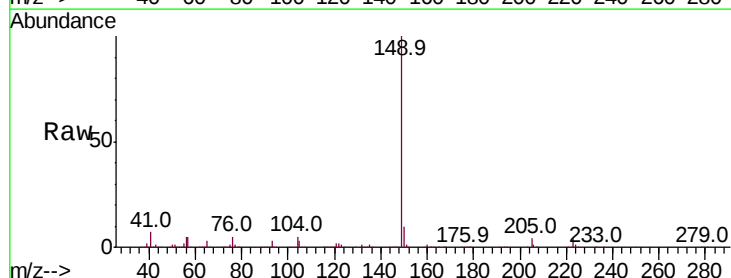
Tgt Ion:149 Resp: 1034477

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

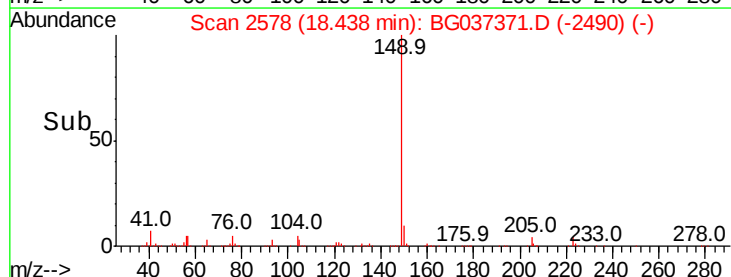
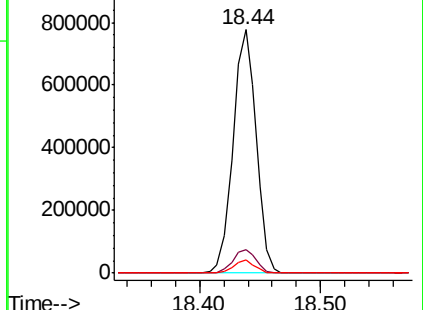
104 5.2 4.0 6.0

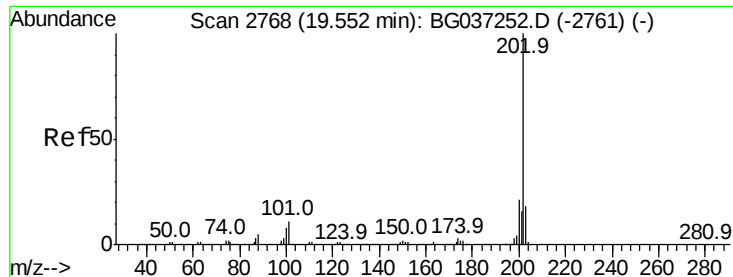


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.666 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

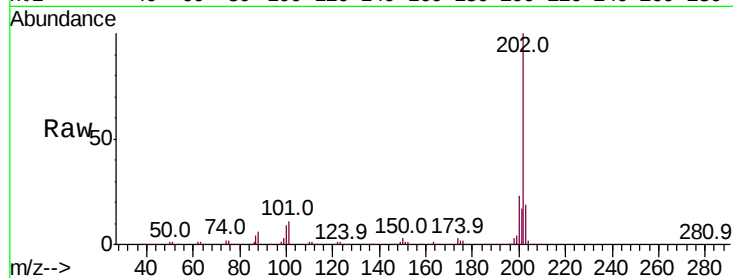
Tot Ion:202 Resp: 1099560

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

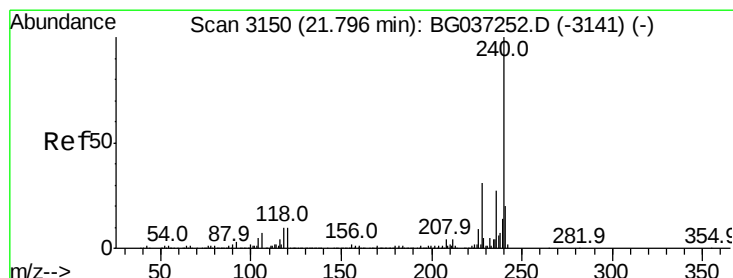
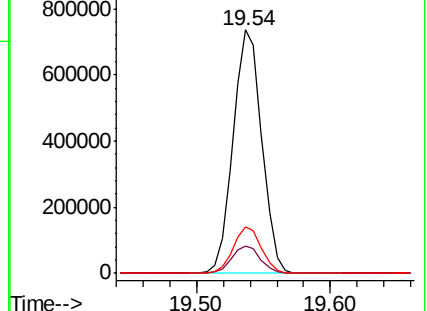
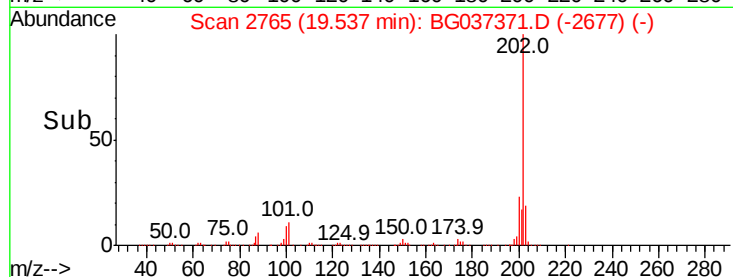
203 19.0 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

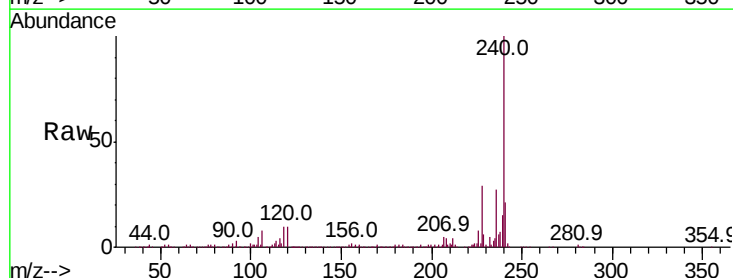
Tgt Ion:240 Resp: 395830

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

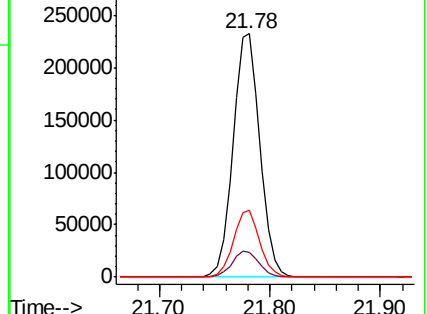
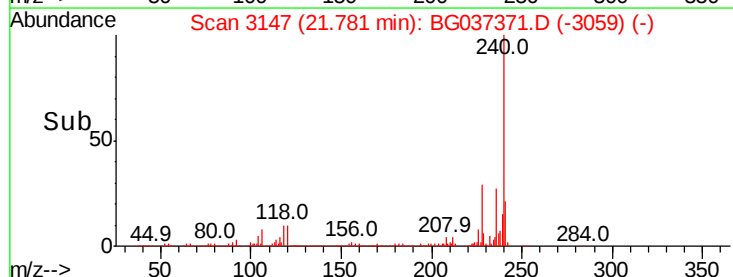
236 27.3 21.4 32.0

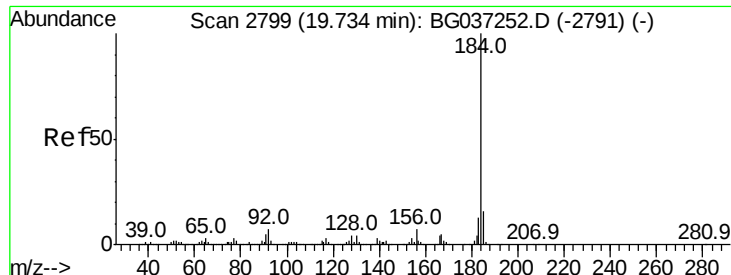


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.660 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

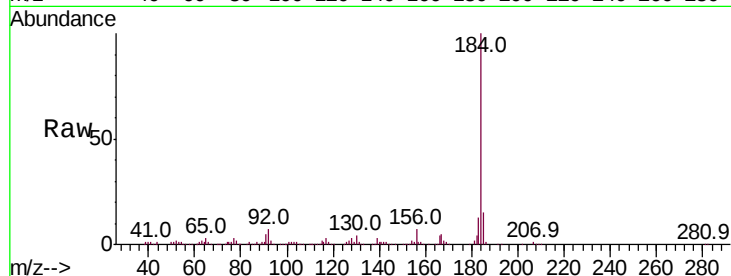
Tot Ion:184 Resp: 358284

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

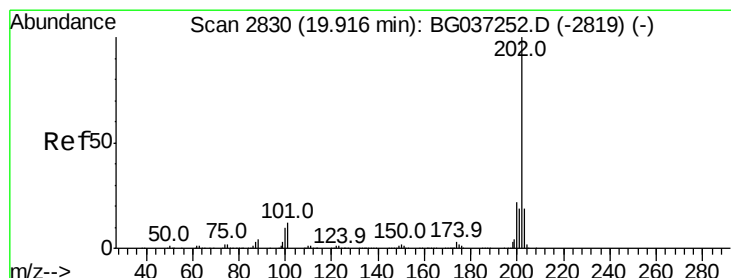
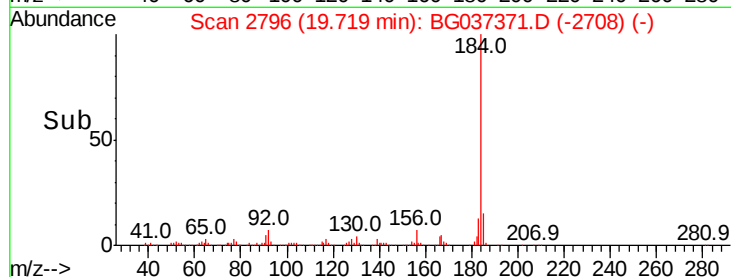
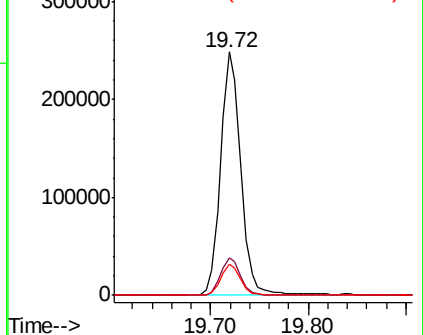
183 12.6 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.497 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

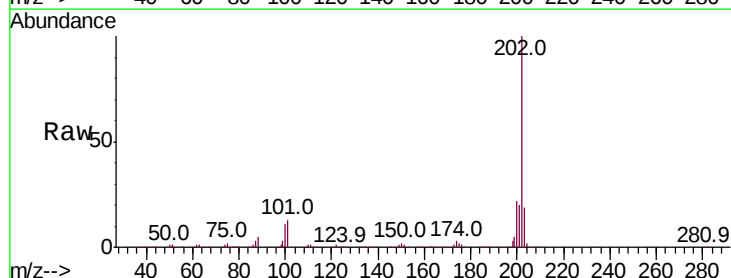
Tgt Ion:202 Resp: 1096326

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

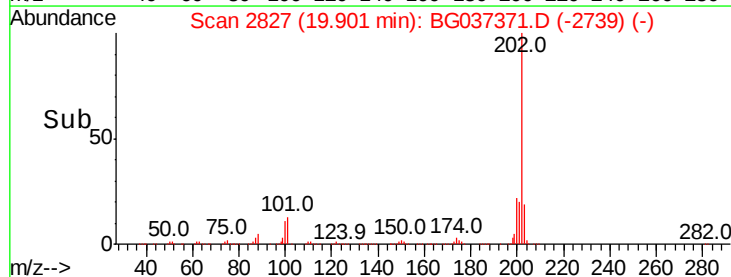
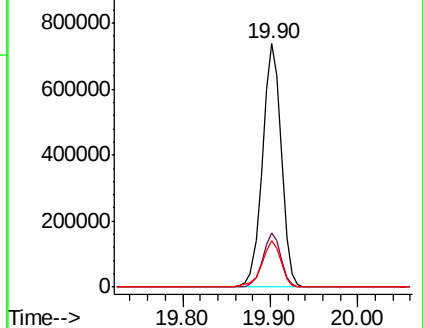
203 19.4 15.2 22.8

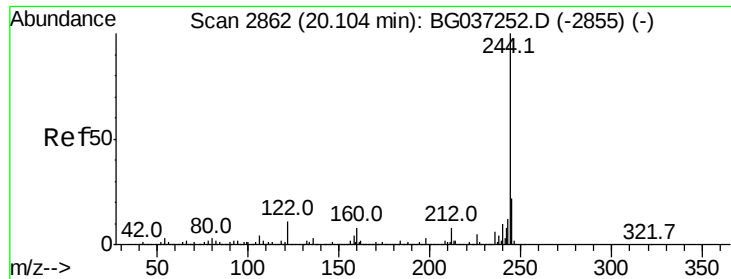


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.650 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

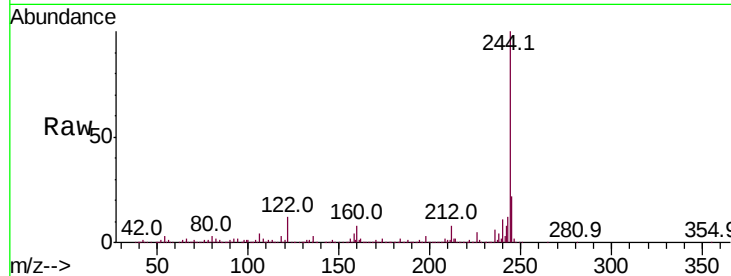
Tot Ion:244 Resp: 1388399

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

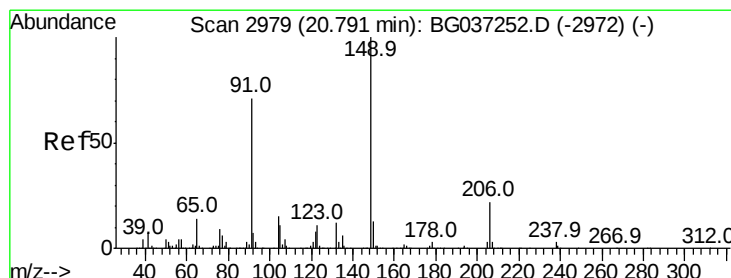
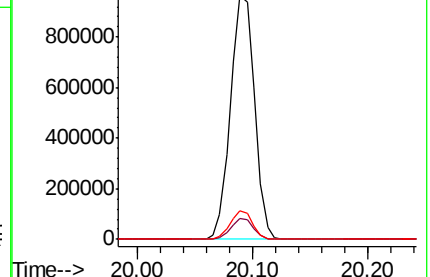
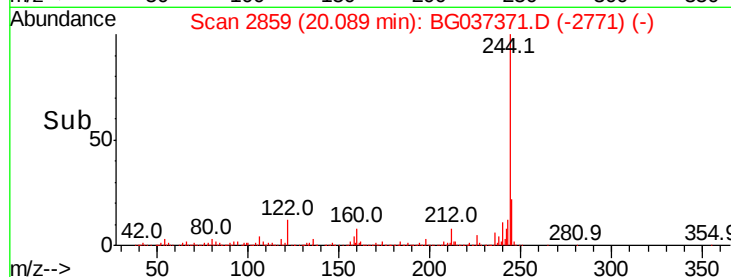
122 11.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.561 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

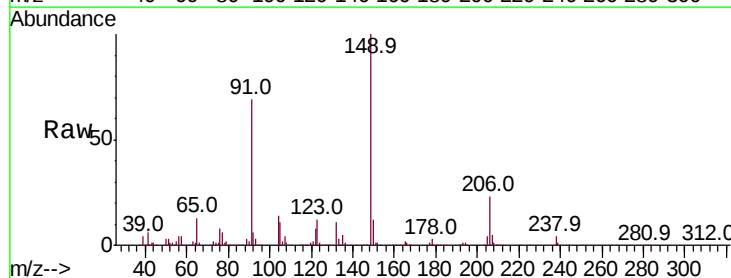
Tgt Ion:149 Resp: 467340

Ion Ratio Lower Upper

149 100

91 68.6 57.0 85.4

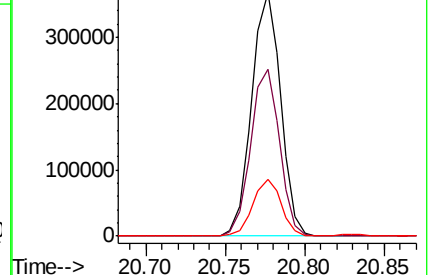
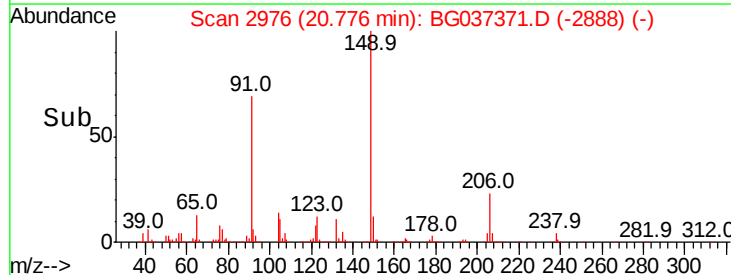
206 23.1 17.8 26.6

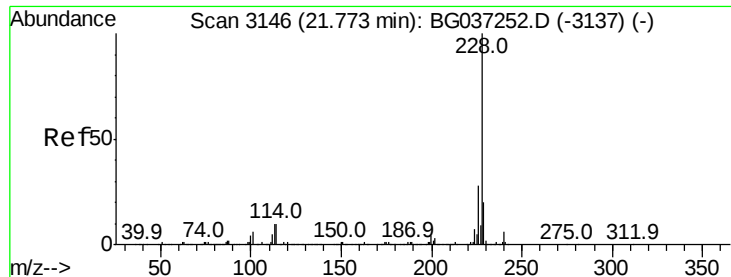


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

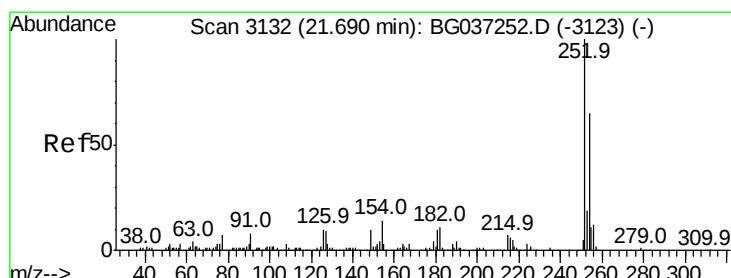
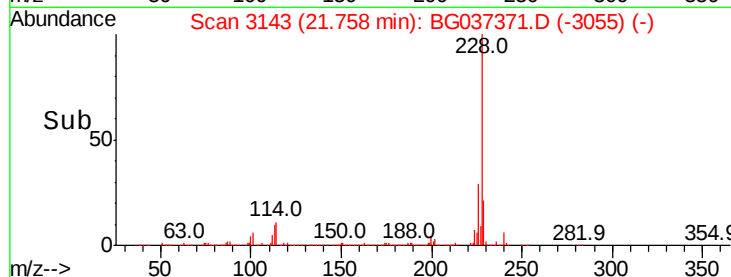
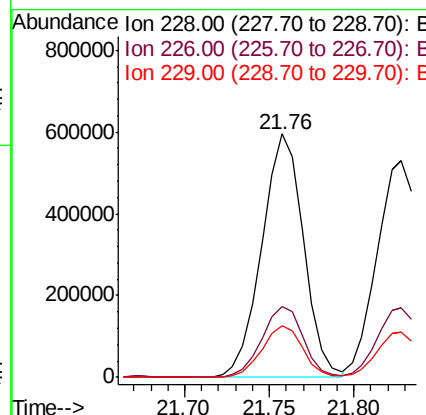
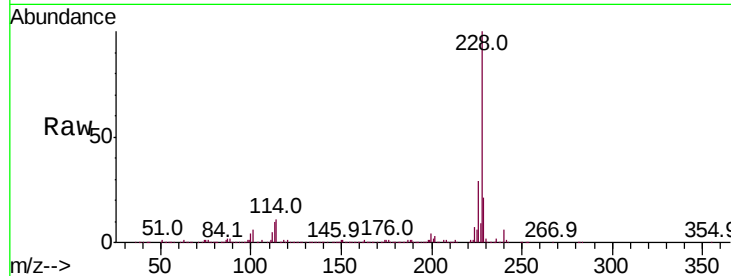




#81
Benzo(a)anthracene
Concen: 43.186 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

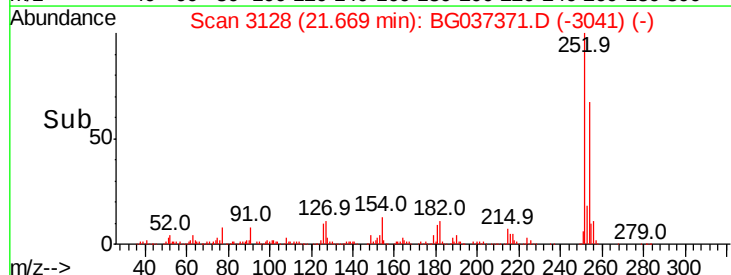
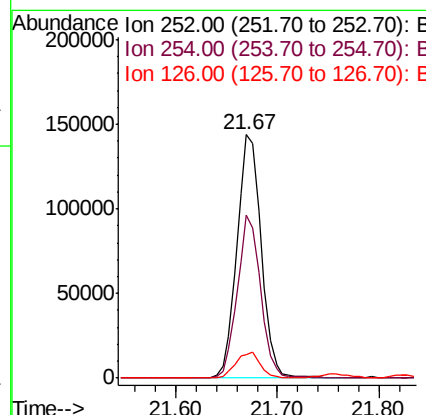
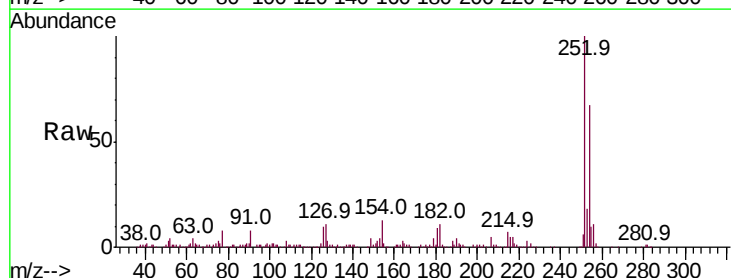
Instrument :
BNA_G
ClientSampleId :
PB113872BS

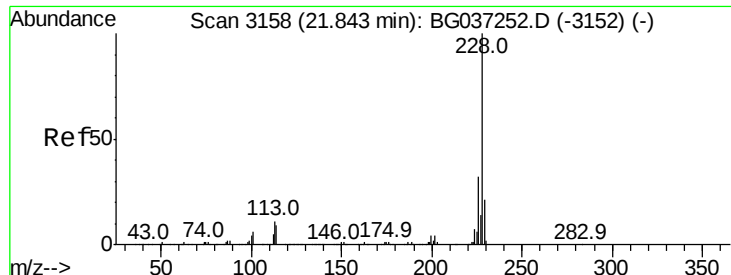
Tot Ion:228 Resp: 1023783
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 26.234 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion:252 Resp: 239907
Ion Ratio Lower Upper
252 100
254 66.8 52.0 78.0
126 9.8 8.2 12.4





#83

Chrysene

Concen: 42.003 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

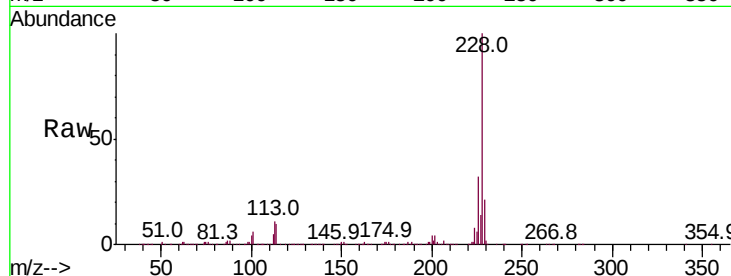
Tot Ion:228 Resp: 949861

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

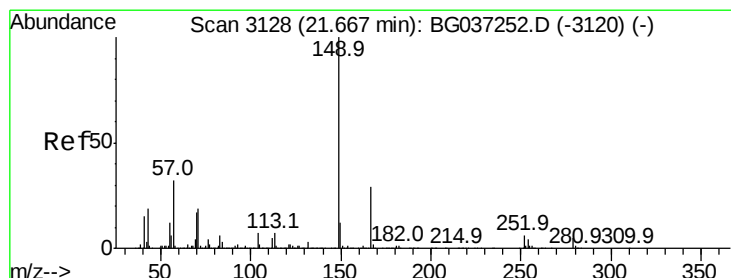
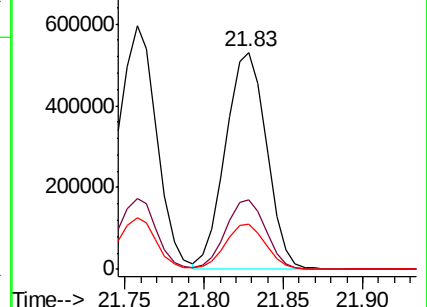
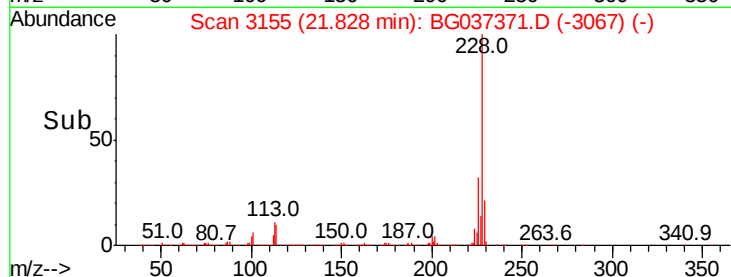
229 21.0 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.255 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.03 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

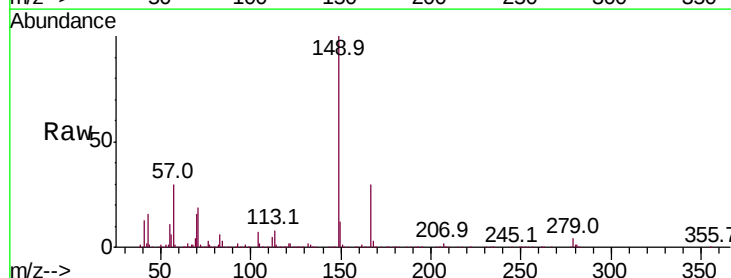
Tgt Ion:149 Resp: 652252

Ion Ratio Lower Upper

149 100

167 30.2 23.0 34.4

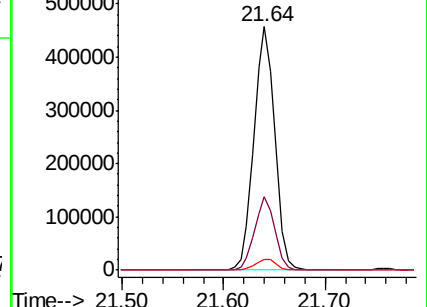
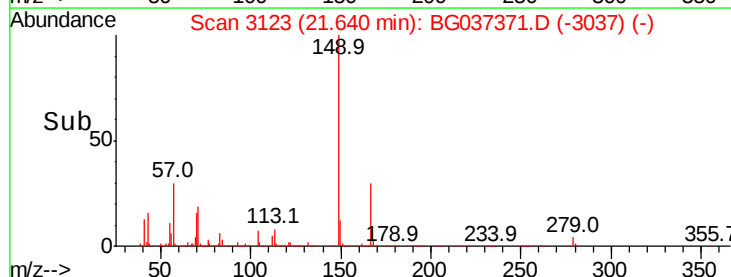
279 4.3 3.6 5.4

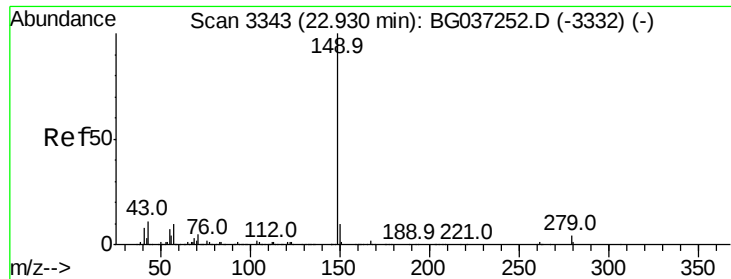


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.002 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

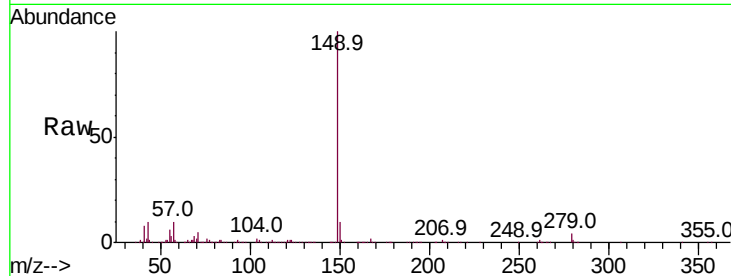
Tot Ion:149 Resp: 1099546

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

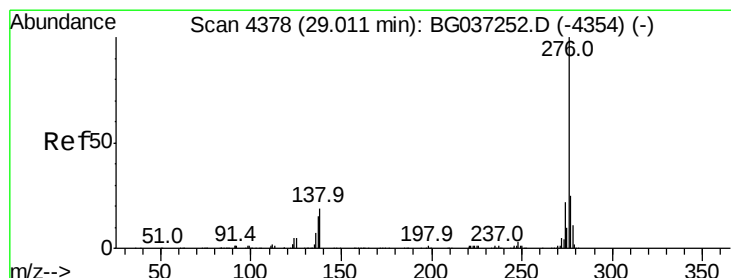
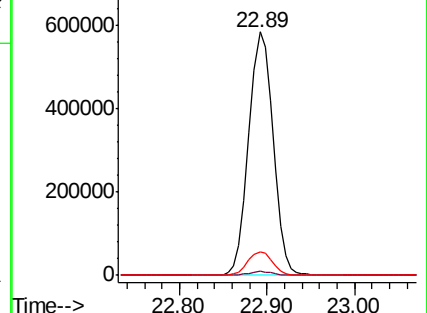
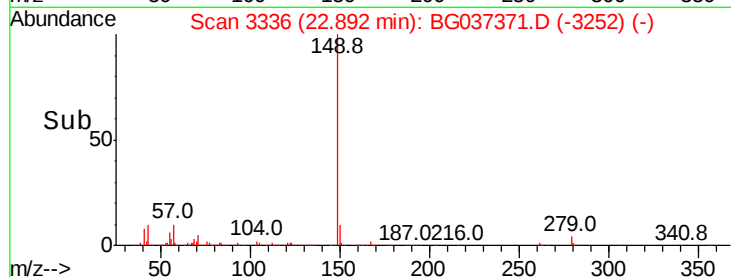
43 9.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.478 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

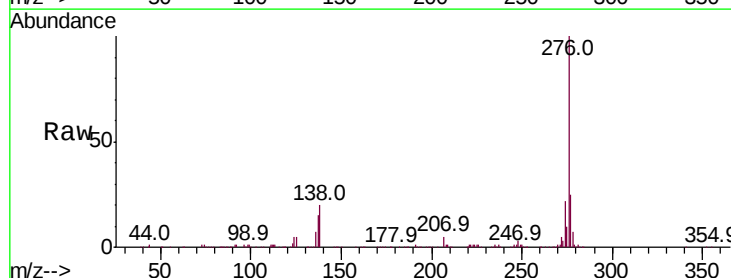
Tgt Ion:276 Resp: 1114879

Ion Ratio Lower Upper

276 100

138 18.7 12.0 18.0#

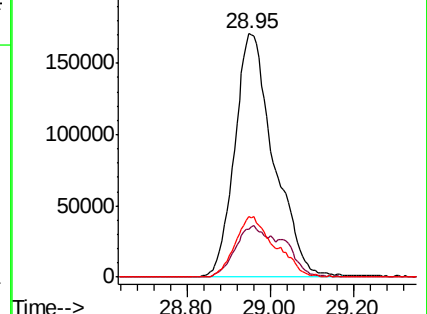
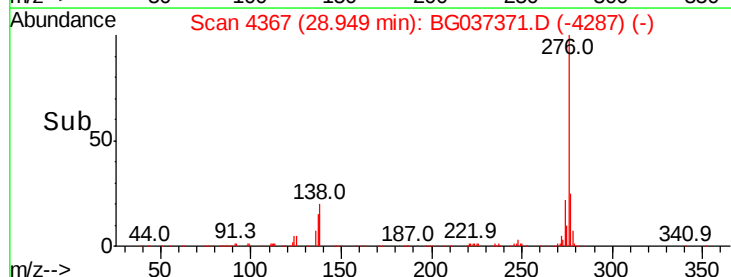
277 25.5 20.6 30.8

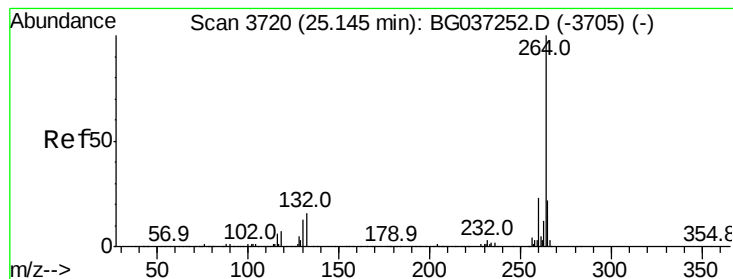


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

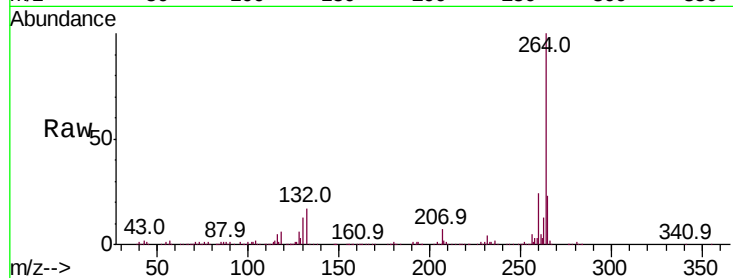
Tot Ion:264 Resp: 413949

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

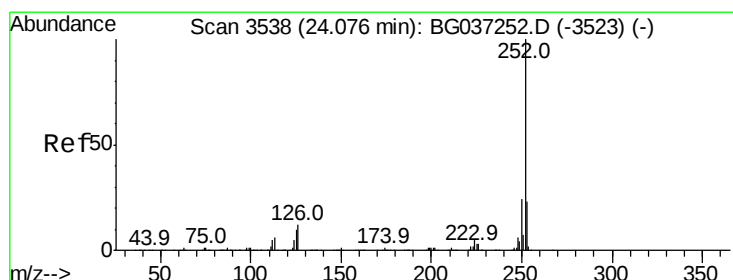
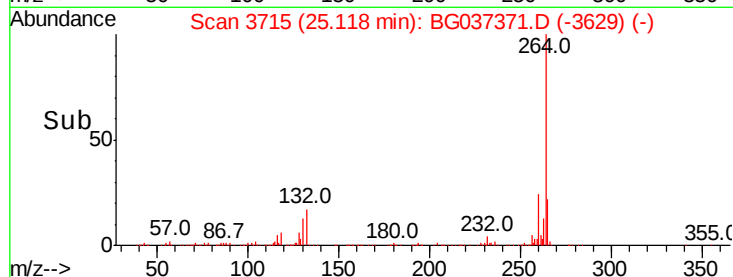
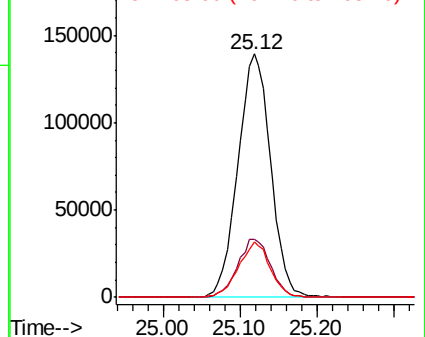
265 22.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.847 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

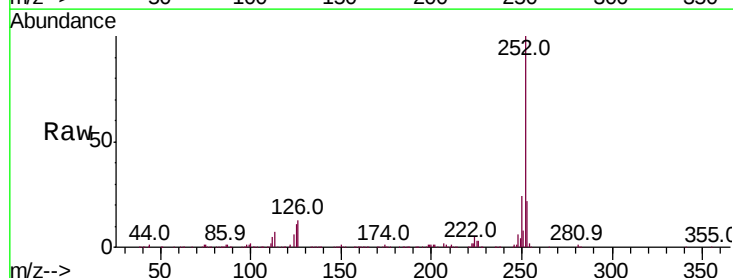
Tgt Ion:252 Resp: 1009306

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

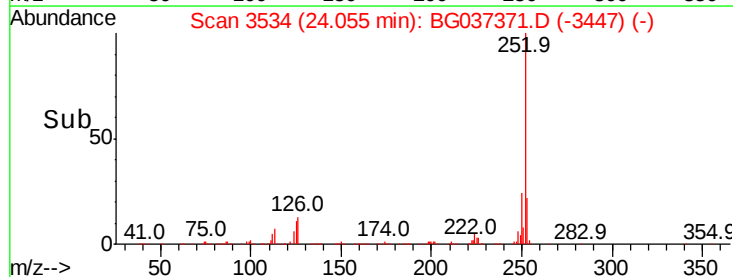
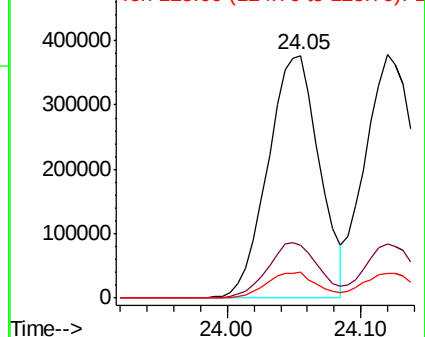
125 10.6 7.8 11.6

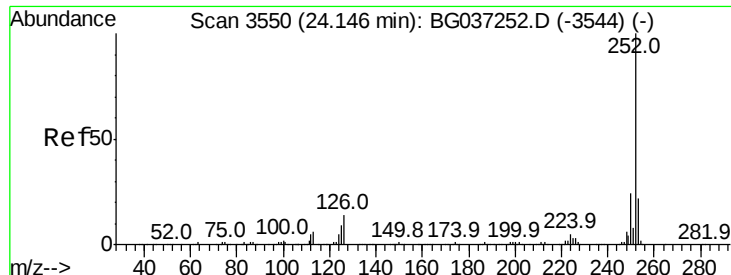


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

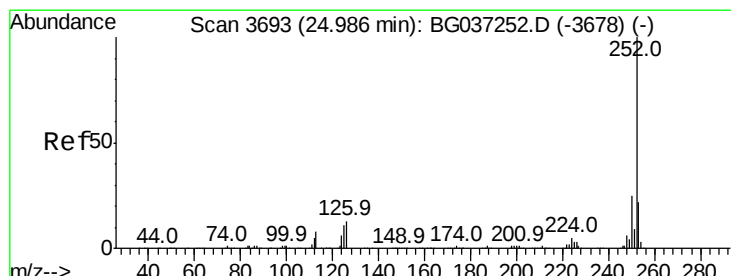
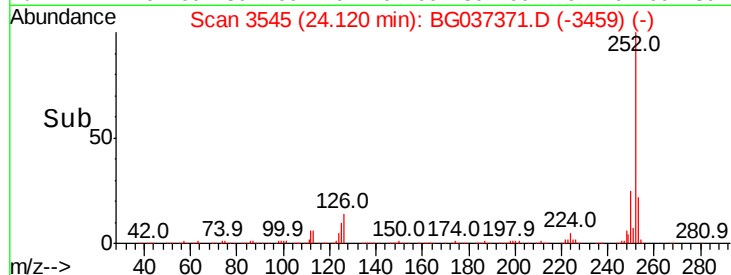
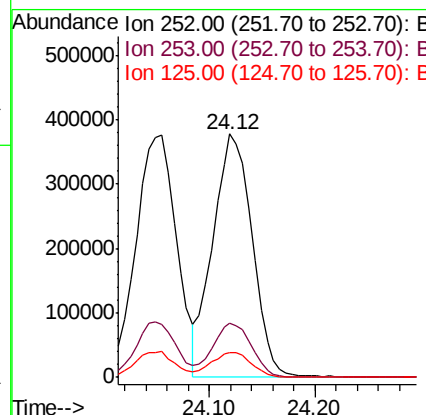
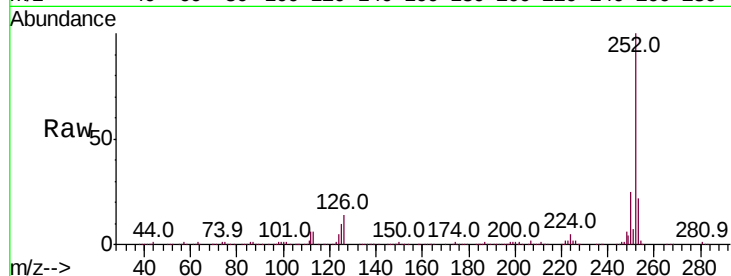




#89
Benzo(k)fluoranthene
Concen: 43.883 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

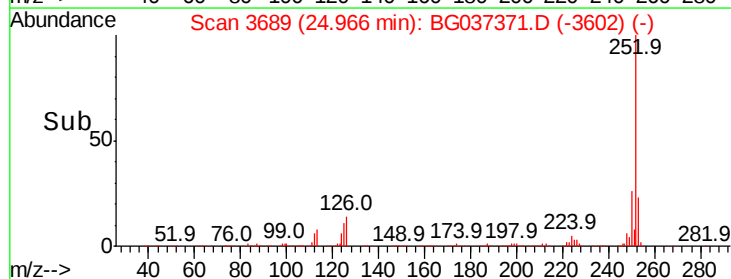
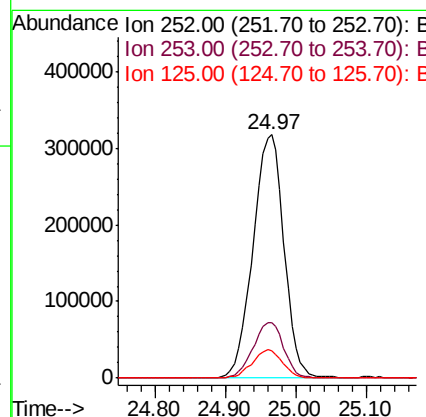
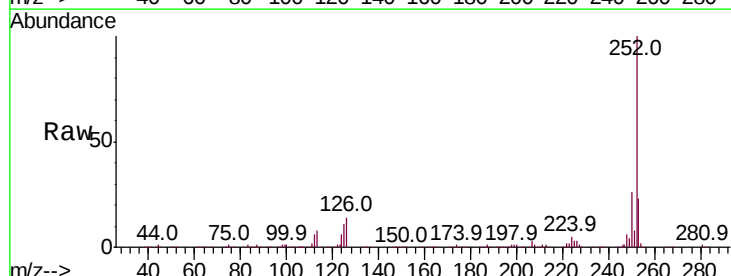
Instrument :
BNA_G
ClientSampleId :
PB113872BS

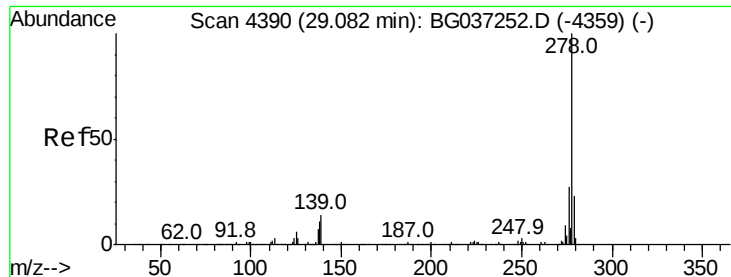
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.0	7.4	11.0



#90
Benzo(a)pyrene
Concen: 45.184 ng
RT: 24.97 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037371.D
Acq: 16 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 44.069 ng

RT: 29.04 min Scan# 4382

Delta R.T. -0.04 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

PB113872BS

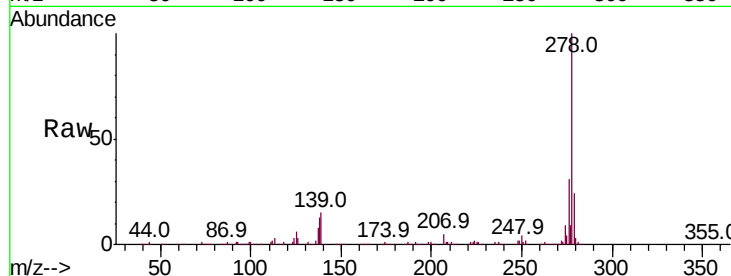
Tot Ion:278 Resp: 909979

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	24.1	18.6	27.8

278 100

139 14.9 11.5 17.3

279 24.1 18.6 27.8

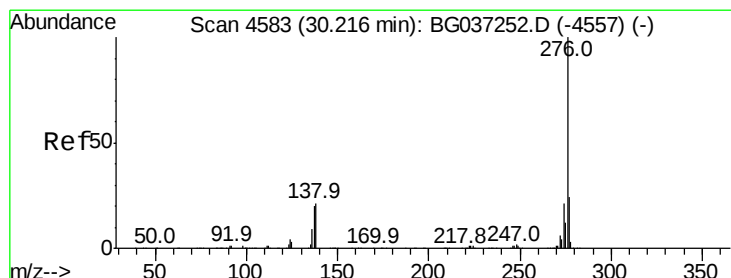
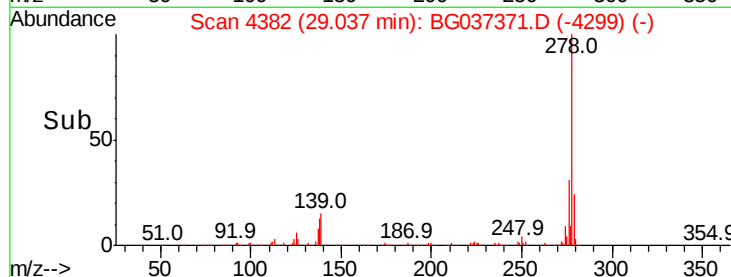
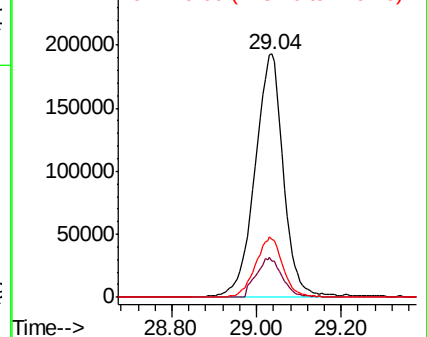


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.909 ng

RT: 30.17 min Scan# 4574

Delta R.T. -0.05 min

Lab File: BG037371.D

Acq: 16 Oct 2018 22:42

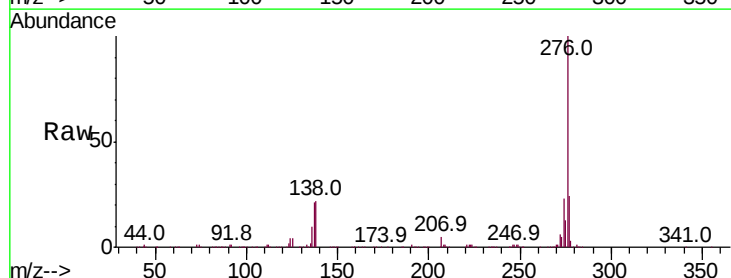
Tgt Ion:276 Resp: 926154

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	22.2	17.2	25.8

276 100

277 24.4 18.9 28.3

138 22.2 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

