

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037618.D
 Acq On : 29 Oct 2018 11:56
 Operator : JU/SJ
 Sample : PB114233BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Quant Time: Oct 29 14:35:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48918	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	222059	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	150723	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	371367	20.00	ng	0.00
76) Chrysene-d12	21.77	240	338806	20.00	ng	0.00
87) Perylene-d12	25.10	264	351556	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	460613	157.42	ng	0.00
7) Phenol-d6	7.25	99	651678	147.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	303563	76.58	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	243136	147.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	747881	74.82	ng	-0.01
79) Terphenyl-d14	20.08	244	1170092	73.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47796	32.211	ng	96
3) Pyridine	3.93	79	136917	36.609	ng	94
4) n-Nitrosodimethylamine	3.85	42	59141	44.397	ng	# 91
6) Aniline	7.43	93	172620	31.981	ng	97
8) 2-Chlorophenol	7.66	128	151627	44.297	ng	99
9) Benzaldehyde	7.24	77	80223	28.986	ng	98
10) Phenol	7.28	94	206146	44.159	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	140995	39.767	ng	95
12) 1,3-Dichlorobenzene	7.99	146	150892	39.597	ng	98
13) 1,4-Dichlorobenzene	8.14	146	151441	38.851	ng	99
14) 1,2-Dichlorobenzene	8.46	146	144869	38.636	ng	99
15) Benzyl Alcohol	8.34	79	135694	41.507	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	256313	40.402	ng	99
17) 2-Methylphenol	8.53	107	139523	45.208	ng	99
18) Hexachloroethane	9.18	117	53248	40.070	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	114218	37.489	ng	95
20) 3+4-Methylphenols	8.86	107	190731	43.225	ng	99
22) Acetophenone	8.93	105	220855	39.657	ng	# 98
24) Nitrobenzene	9.33	77	168989	41.037	ng	95
25) Isophorone	9.84	82	329532	45.497	ng	97
26) 2-Nitrophenol	10.03	139	78472	42.300	ng	98
27) 2,4-Dimethylphenol	10.07	122	166492	50.265	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	202310	42.633	ng	97
29) 2,4-Dichlorophenol	10.56	162	165880	44.979	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	155331	38.731	ng	97
31) Naphthalene	10.98	128	473156	43.381	ng	99
32) Benzoic acid	10.20	122	92861	43.164	ng	99
33) 4-Chloroaniline	11.08	127	121091	23.629	ng	96
34) Hexachlorobutadiene	11.24	225	88918	37.409	ng	96
35) Caprolactam	11.87	113	39143	26.464	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	183798	44.192	ng	99
37) 2-Methylnaphthalene	12.57	142	357518	44.967	ng	100
38) 1-Methylnaphthalene	12.79	142	344137	44.570	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	177812	36.575	ng	98

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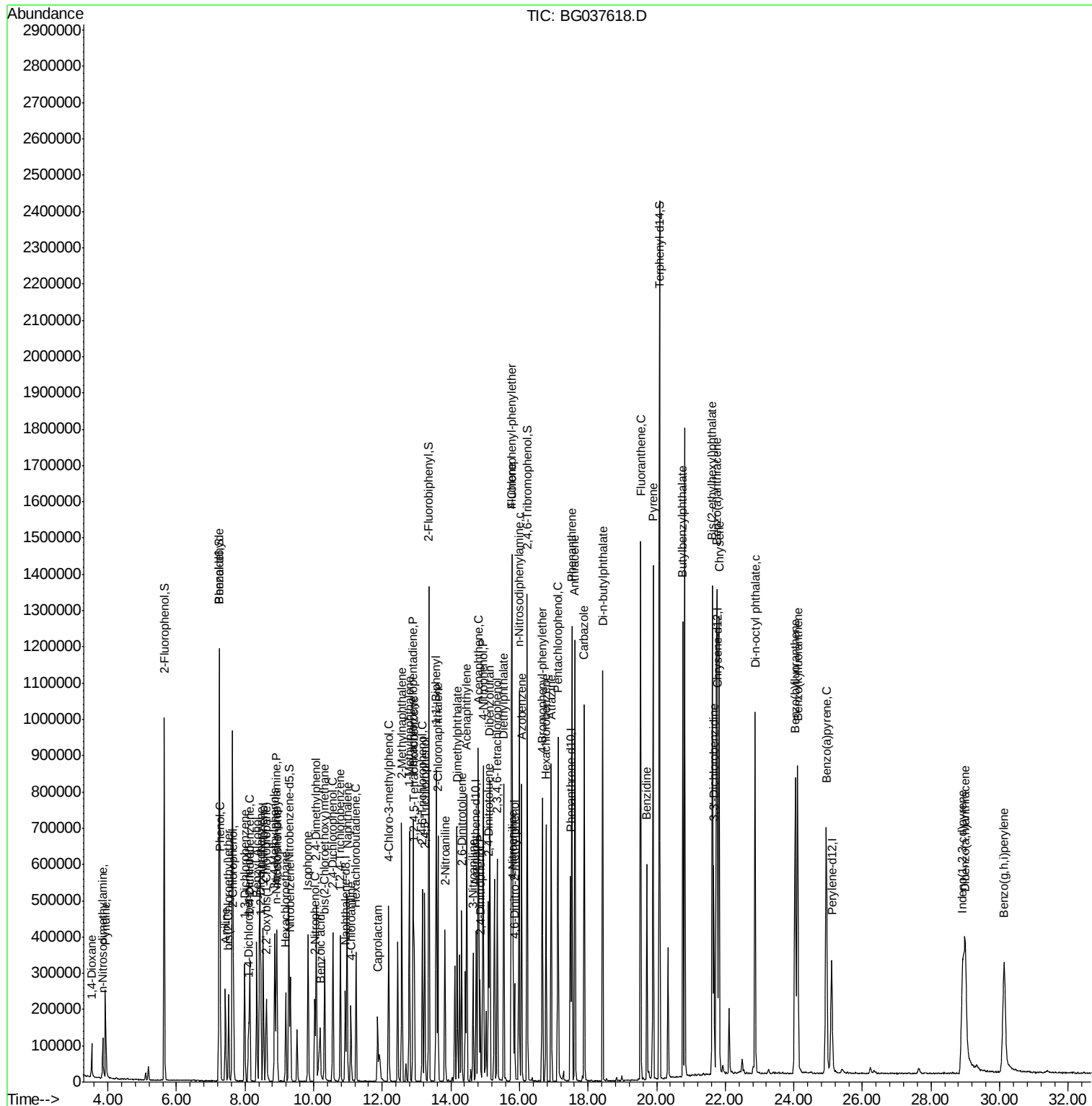
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	212954	91.700	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	138191	42.547	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	156270	44.190	nq	98
46) 1,1'-Biphenyl	13.57	154	464992	37.252	nq	98
47) 2-Chloronaphthalene	13.62	162	373723	39.574	nq	98
48) 2-Nitroaniline	13.83	65	125683	43.887	nq	89
49) Acenaphthylene	14.46	152	626373	44.093	nq	99
50) Dimethylphthalate	14.18	163	493474	42.321	nq	100
51) 2,6-Dinitrotoluene	14.31	165	108865	42.204	nq	99
52) Acenaphthene	14.80	154	361924	41.368	nq	100
53) 3-Nitroaniline	14.65	138	94804	33.107	nq	# 93
54) 2,4-Dinitrophenol	14.85	184	70231	68.096	nq	91
55) Dibenzofuran	15.14	168	591106	40.779	nq	99
56) 4-Nitrophenol	14.94	139	259483	122.420	nq	98
57) 2,4-Dinitrotoluene	15.10	165	158713	46.873	nq	# 95
58) Fluorene	15.78	166	478999	44.128	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	134720	44.495	nq	98
60) Diethylphthalate	15.54	149	509465	42.558	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	252783	39.954	nq	98
62) 4-Nitroaniline	15.81	138	123638	43.451	nq	95
63) Azobenzene	16.06	77	485429	42.501	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69174	37.712	nq	97
66) n-Nitrosodiphenylamine	15.99	169	447613	40.070	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	157479	38.615	nq	97
68) Hexachlorobenzene	16.78	284	160216	37.906	nq	98
69) Atrazine	16.93	200	164518	40.734	nq	99
70) Pentachlorophenol	17.12	266	185518	65.527	nq	96
71) Phenanthrene	17.53	178	810082	42.920	nq	100
72) Anthracene	17.62	178	819961	44.269	nq	98
73) Carbazole	17.89	167	749005	40.426	nq	99
74) Di-n-butylphthalate	18.43	149	887033	43.038	nq	99
75) Fluoranthene	19.53	202	944323	44.113	nq	99
77) Benzidine	19.71	184	372156	32.304	nq	99
78) Pyrene	19.90	202	942662	42.561	nq	99
80) Butylbenzylphthalate	20.77	149	400415	44.174	nq	99
81) Benzo(a)anthracene	21.75	228	883908	44.107	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	228289	29.390	nq	99
83) Chrysene	21.82	228	821617	42.637	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	560691	44.129	nq	99
85) Di-n-octyl phthalate	22.87	149	937037	45.227	nq	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	836260	40.461	nq	# 95
88) Benzo(b)fluoranthene	24.04	252	864081	44.832	nq	99
89) Benzo(k)fluoranthene	24.11	252	834011	44.167	nq	97
90) Benzo(a)pyrene	24.95	252	834157	45.547	nq	99
91) Dibenzo(a,h)anthracene	28.99	278	650659	38.515	nq	98
92) Benzo(g,h,i)perylene	30.12	276	660728	38.659	nq	100

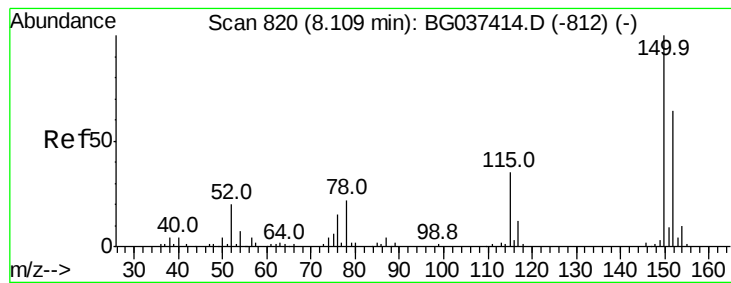
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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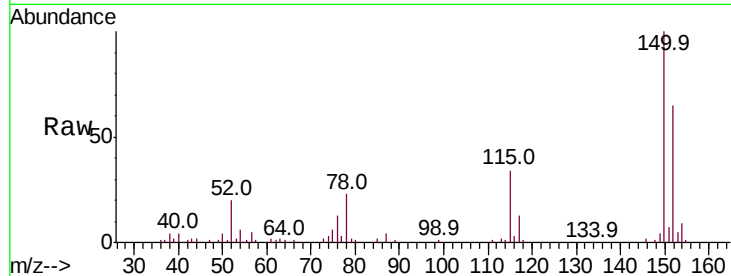


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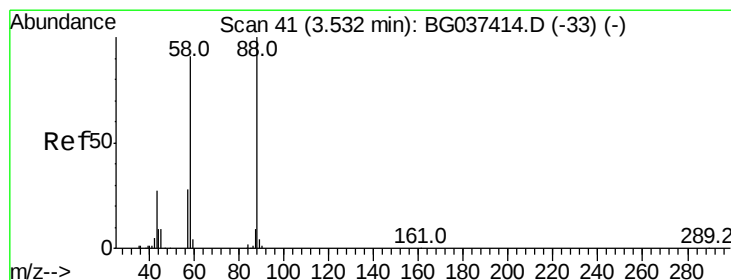
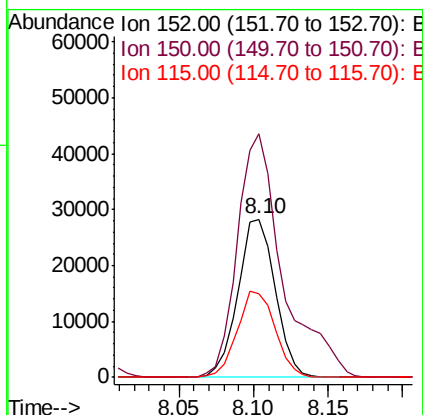
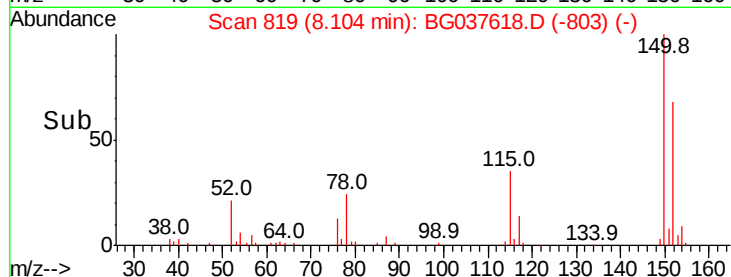
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:152 Resp: 48918
Ion Ratio Lower Upper
152 100
150 154.0 126.0 189.0
115 52.5 45.5 68.3



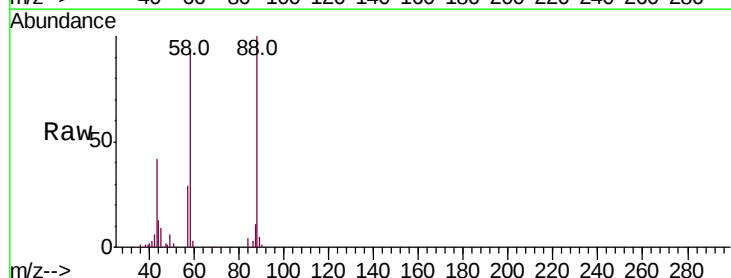
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



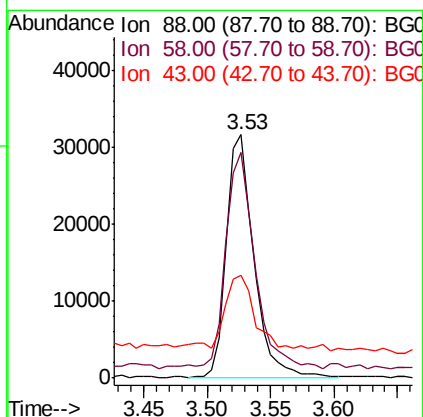
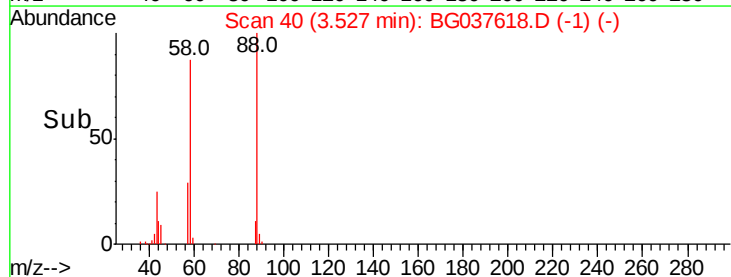
#2

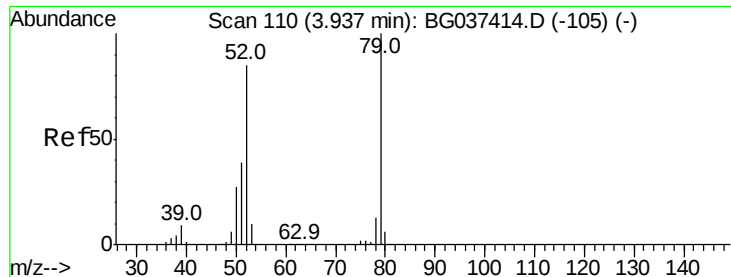
1,4-Dioxane
Concen: 32.211 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion: 88 Resp: 47796
Ion Ratio Lower Upper
88 100
58 98.1 74.4 111.6
43 31.8 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: 36.609 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

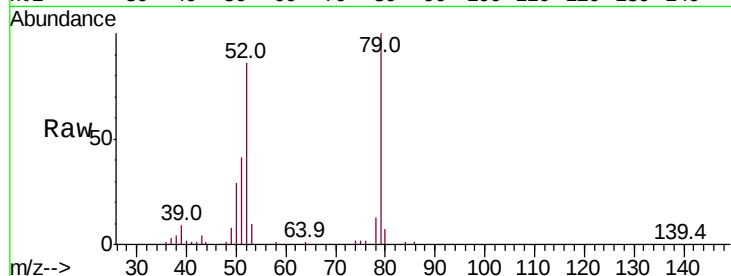
Tot Ion: 79 Resp: 136917

Ion Ratio Lower Upper

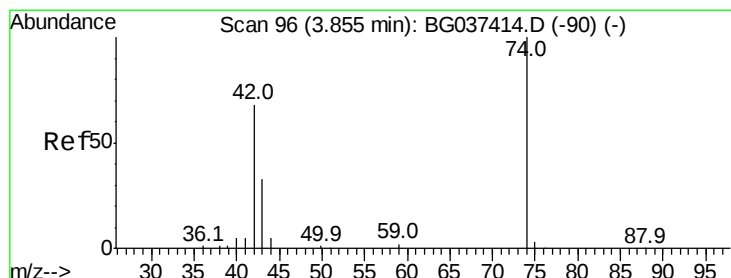
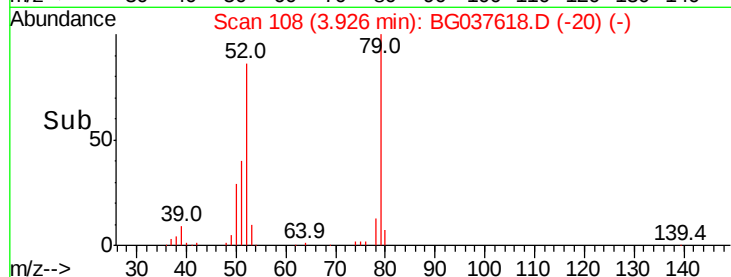
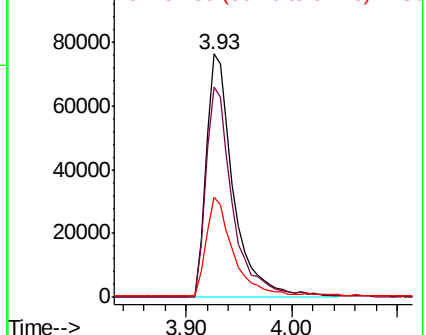
79 100

52 86.1 74.2 111.2

51 41.1 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: 44.397 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

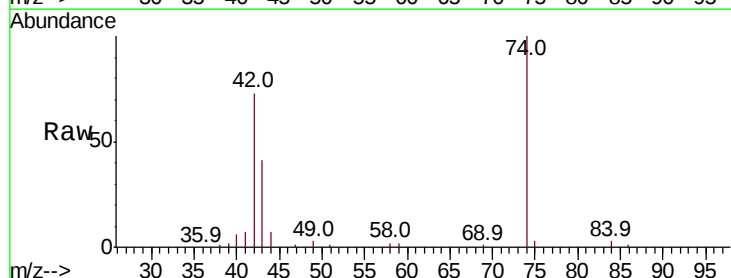
Tgt Ion: 42 Resp: 59141

Ion Ratio Lower Upper

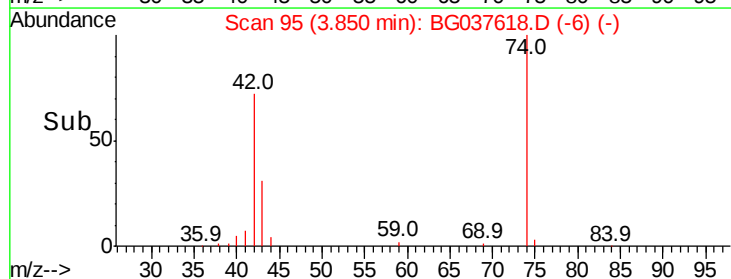
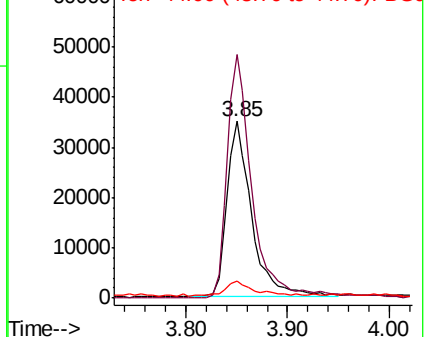
42 100

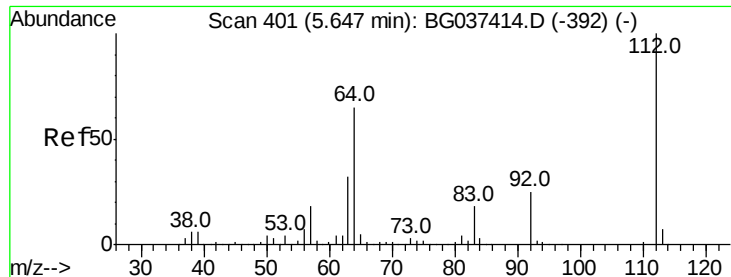
74 137.7 102.0 153.0

44 9.4 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: 157.422 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

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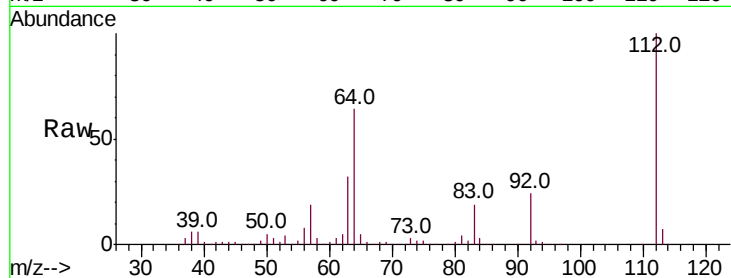
Tot Ion:112 Resp: 460613

Ion Ratio Lower Upper

112 100

64 64.0 53.1 79.7

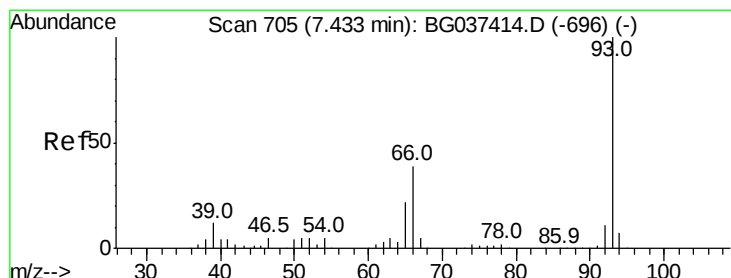
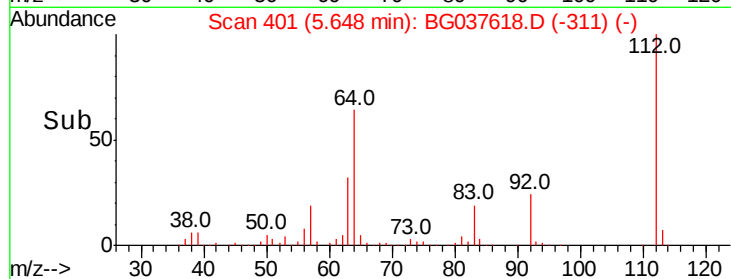
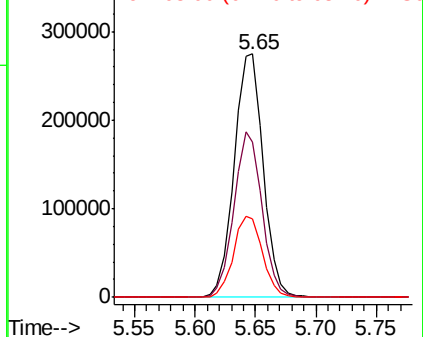
63 32.4 27.3 40.9



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: 31.981 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

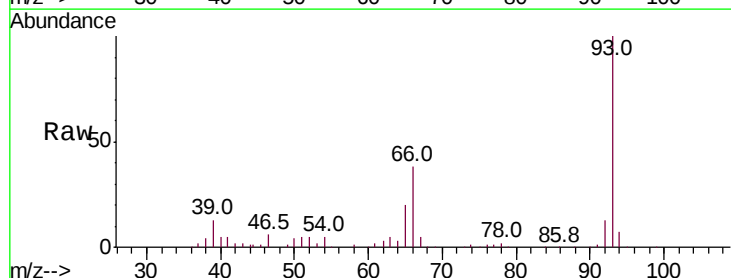
Tgt Ion: 93 Resp: 172620

Ion Ratio Lower Upper

93 100

66 38.0 32.8 49.2

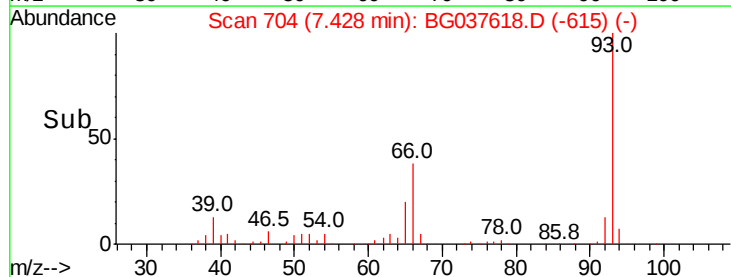
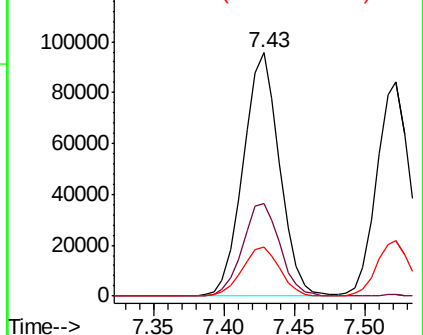
65 20.2 16.4 24.6

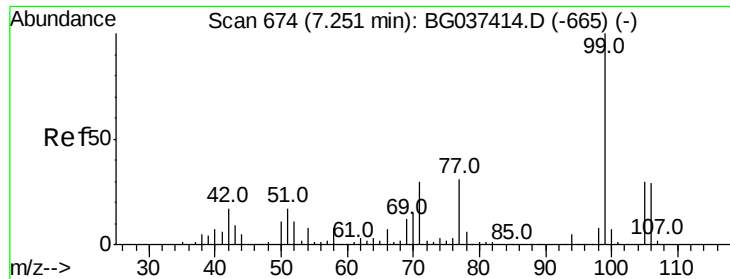


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.291 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

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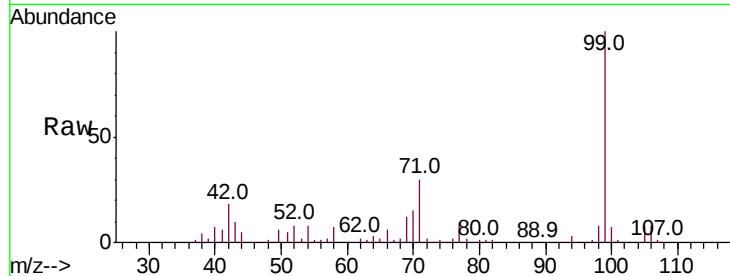
Tot Ion: 99 Resp: 651678

Ion Ratio Lower Upper

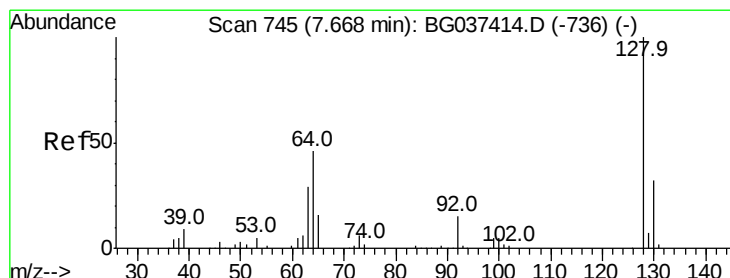
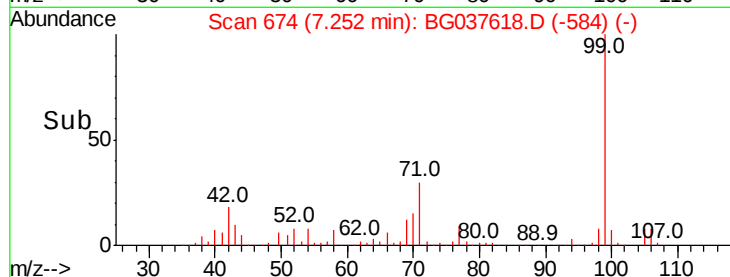
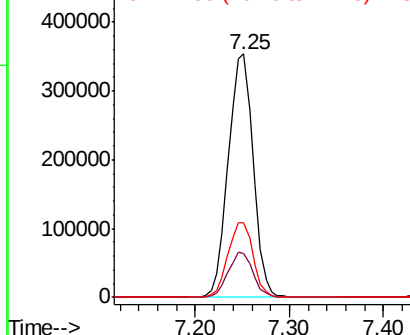
99 100

42 18.3 15.0 22.4

71 30.5 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: 44.297 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

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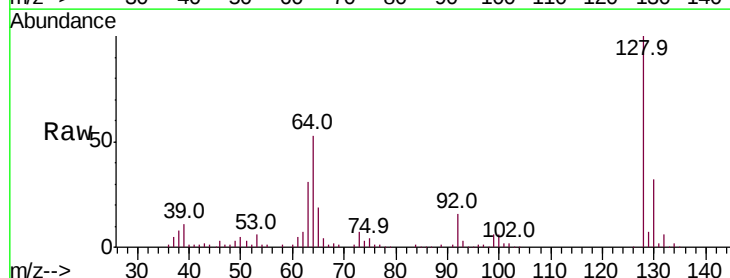
Tgt Ion:128 Resp: 151627

Ion Ratio Lower Upper

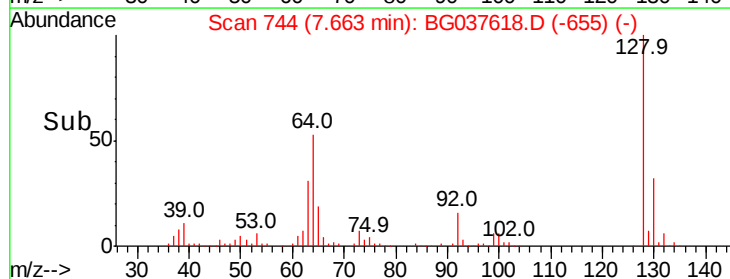
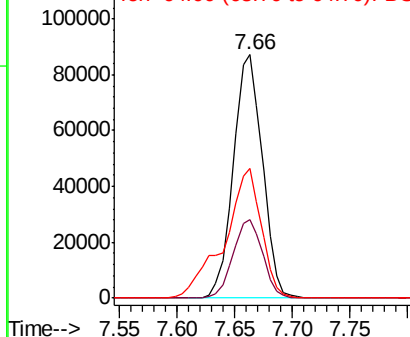
128 100

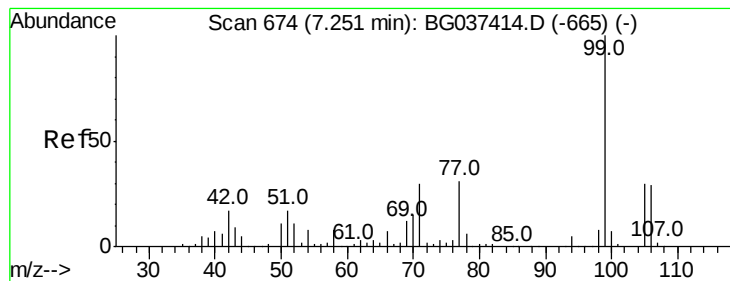
130 32.3 12.0 52.0

64 53.3 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: 28.986 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

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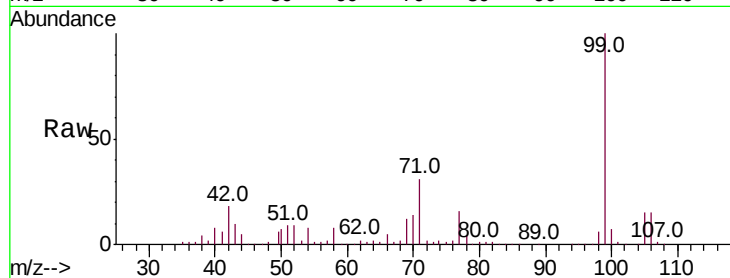
Tot Ion: 77 Resp: 80223

Ion Ratio Lower Upper

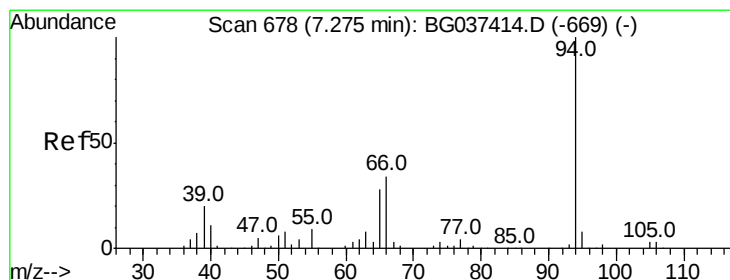
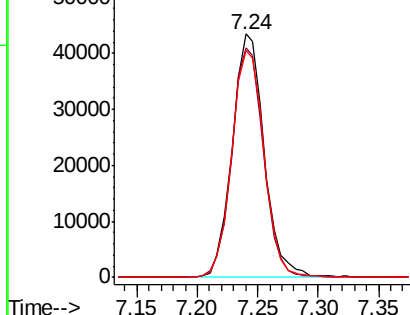
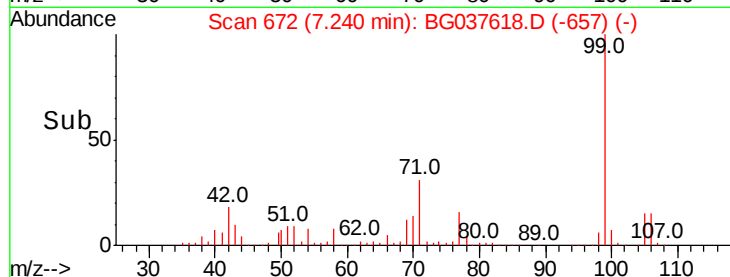
77 100

105 94.5 72.6 112.6

106 93.3 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: 44.159 ng

RT: 7.28 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

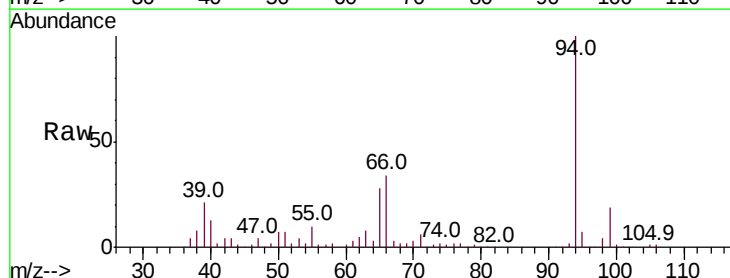
Tgt Ion: 94 Resp: 206146

Ion Ratio Lower Upper

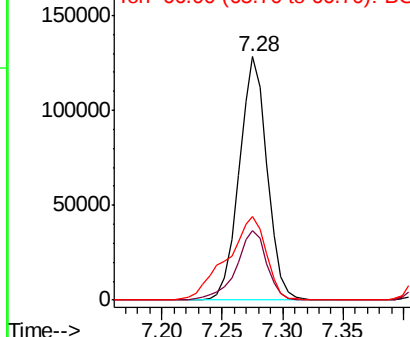
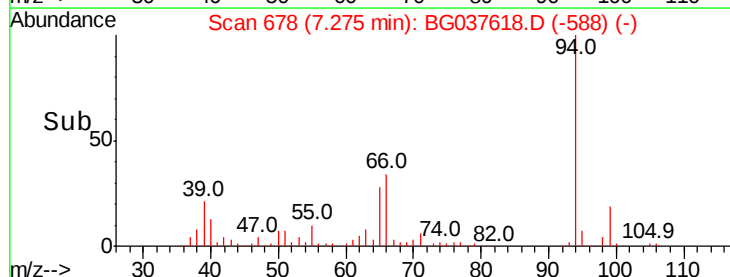
94 100

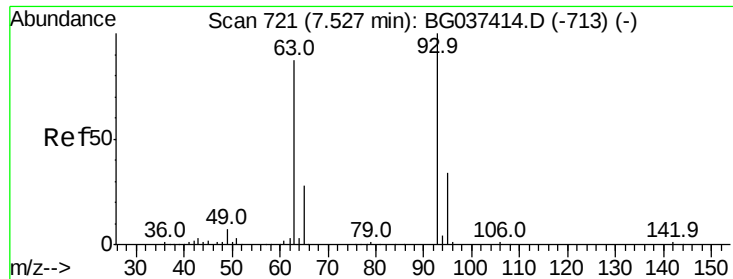
65 28.4 9.7 49.7

66 34.1 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



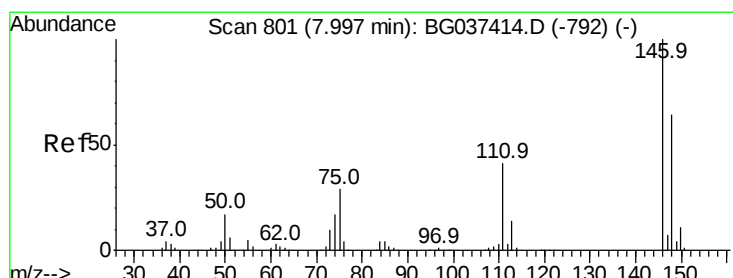
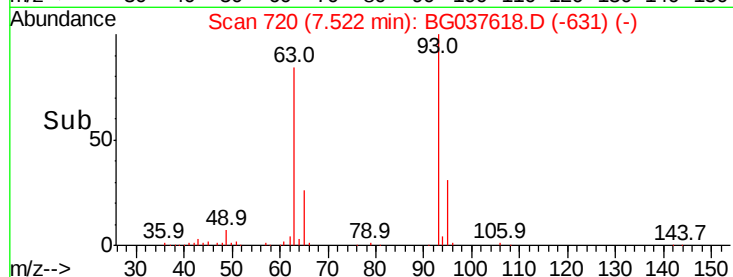
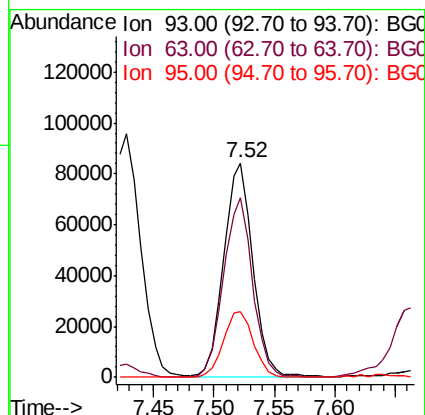
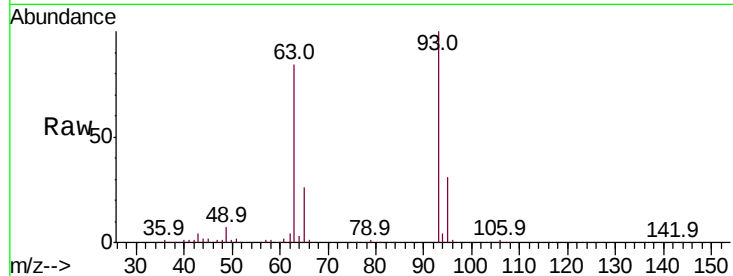


#11
 bis(2-Chloroethyl)ether
 Concen: 39.767 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion: 93 Resp: 140995

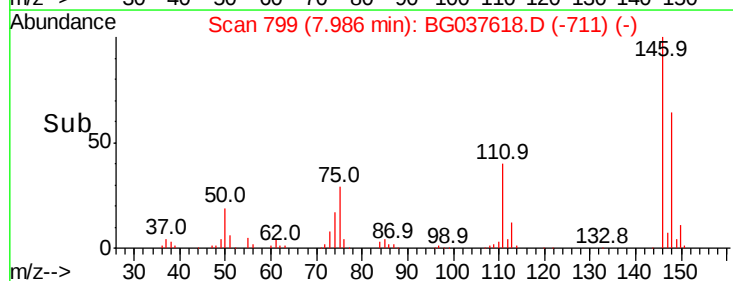
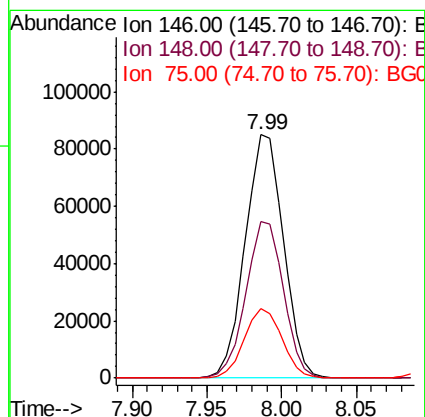
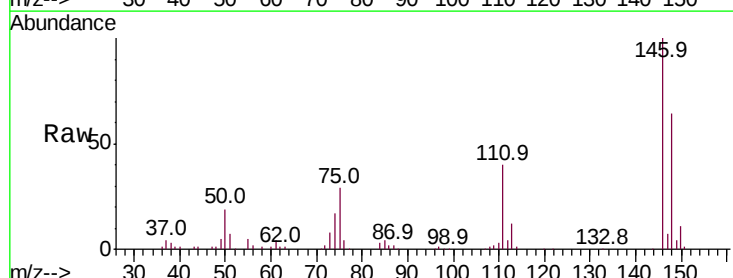
Ion	Ratio	Lower	Upper
93	100		
63	84.1	69.5	109.5
95	30.6	12.6	52.6

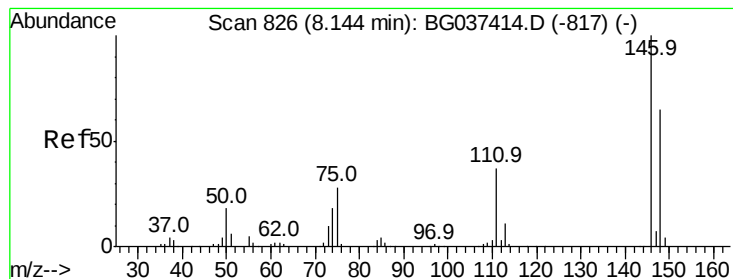


#12
 1,3-Dichlorobenzene
 Concen: 39.597 ng
 RT: 7.99 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion: 146 Resp: 150892

Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.8
75	28.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 38.851 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

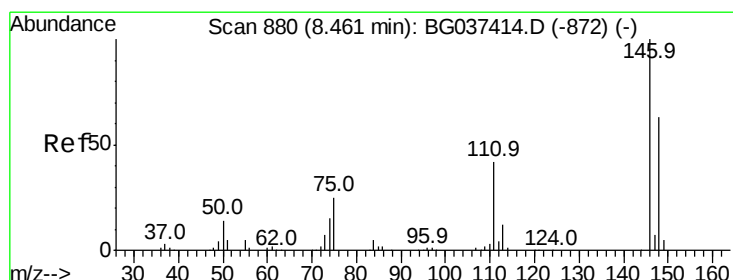
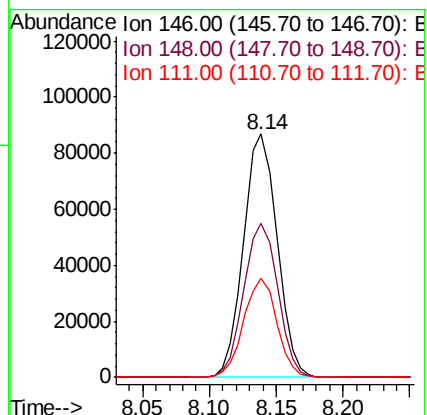
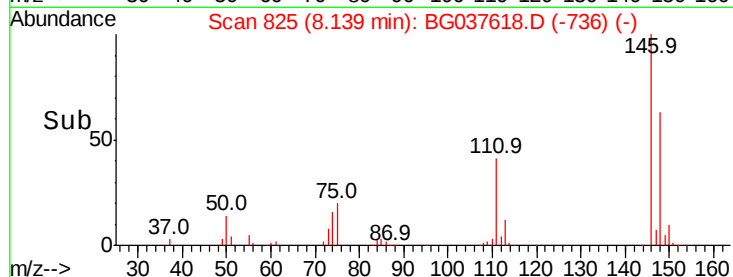
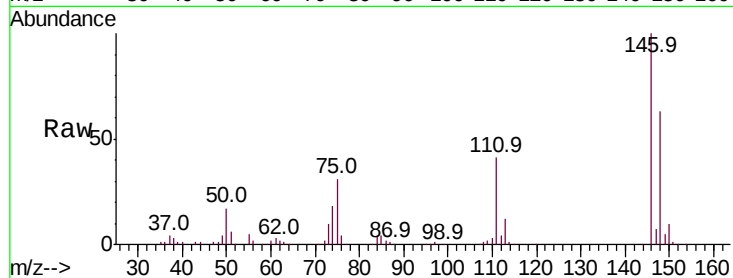
Tot Ion:146 Resp: 151441

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

111 40.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 38.636 ng

RT: 8.46 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

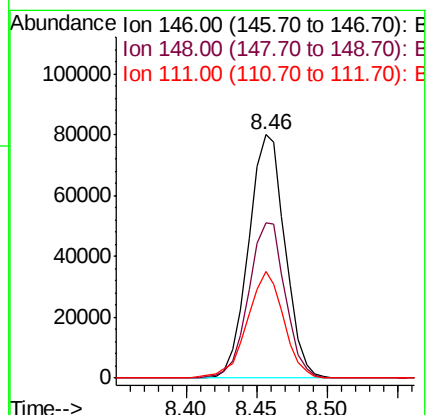
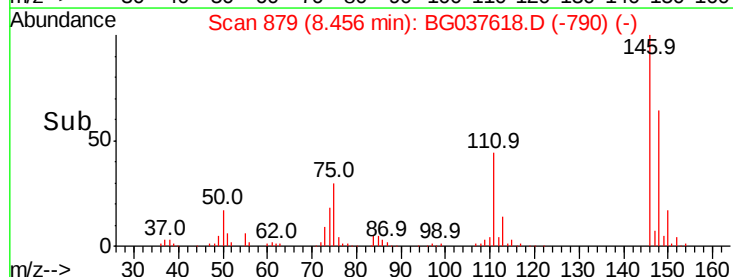
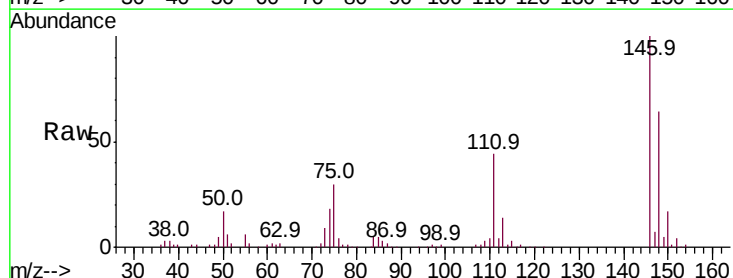
Tgt Ion:146 Resp: 144869

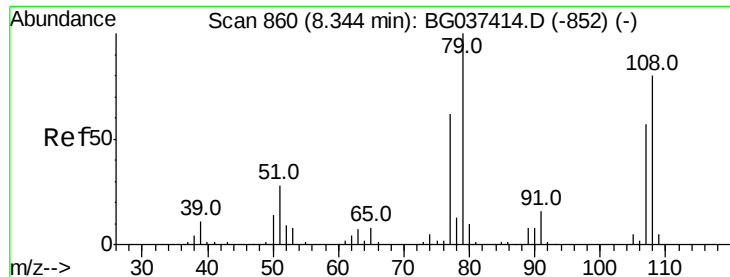
Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 44.1 34.6 51.8





#15

Benzyl Alcohol

Concen: 41.507 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

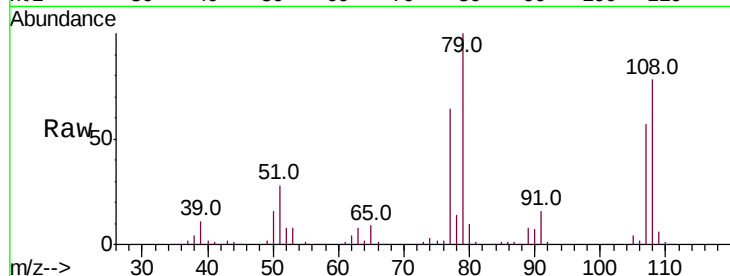
Tot Ion: 79 Resp: 135694

Ion Ratio Lower Upper

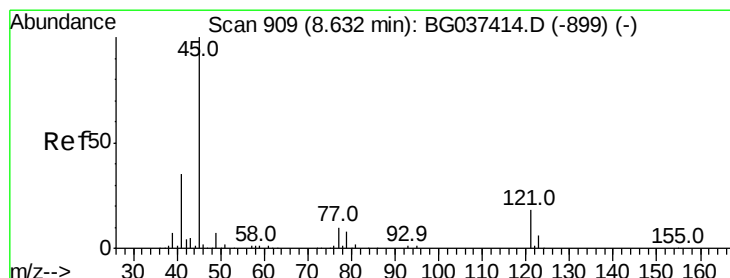
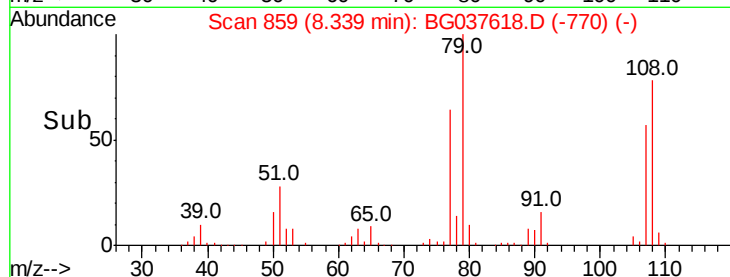
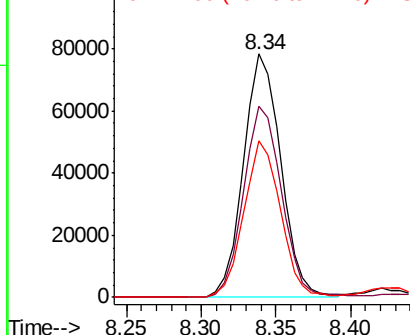
79 100

108 78.3 65.8 98.8

77 64.1 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: 40.402 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

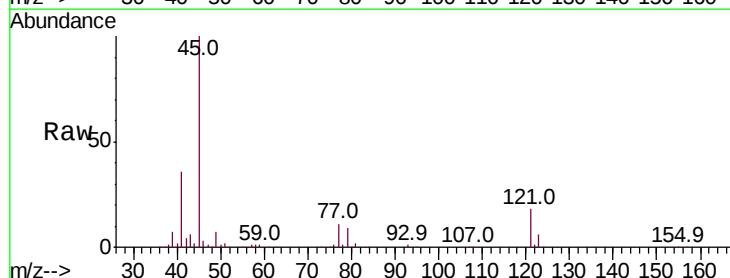
Tgt Ion: 45 Resp: 256313

Ion Ratio Lower Upper

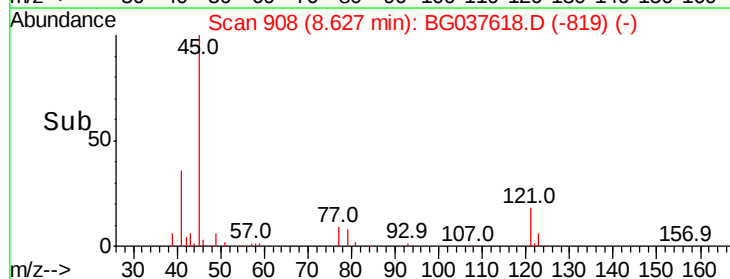
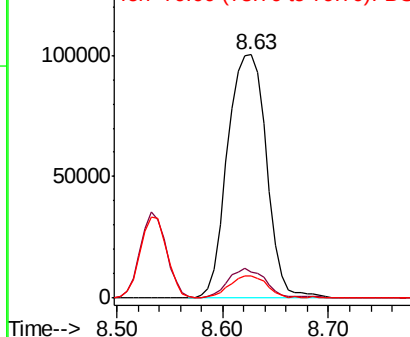
45 100

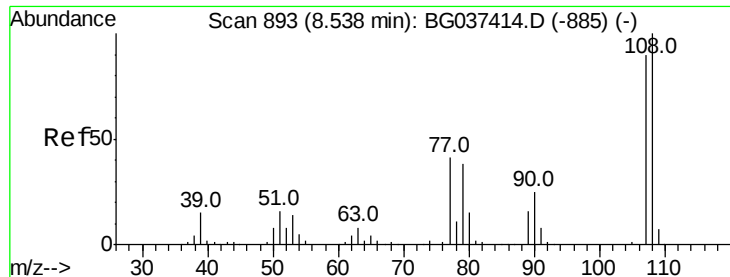
77 10.6 0.0 30.0

79 9.1 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

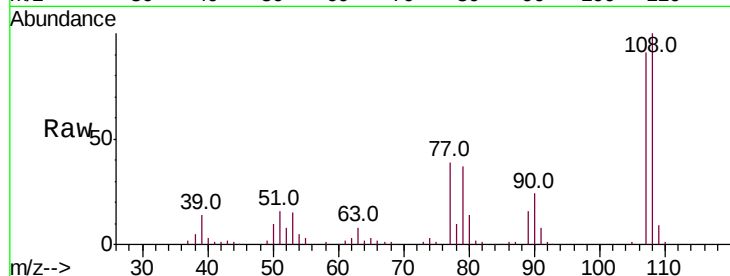




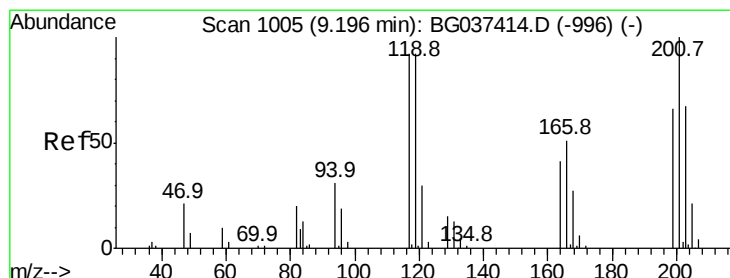
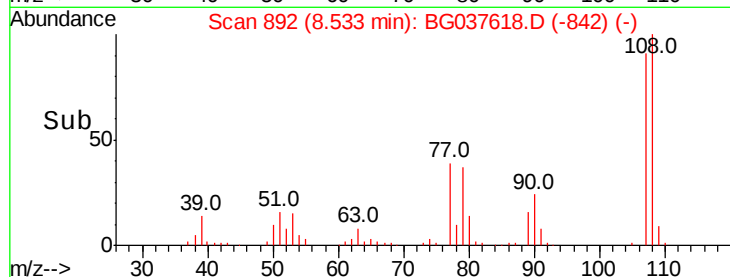
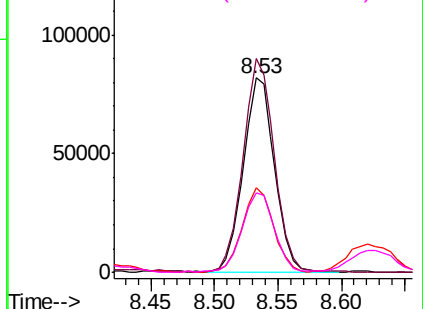
#17
2-Methylphenol
Concen: 45.208 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:	107	Resp:	139523
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.9	131.9
77	43.5	35.1	52.7
79	40.9	34.5	51.7

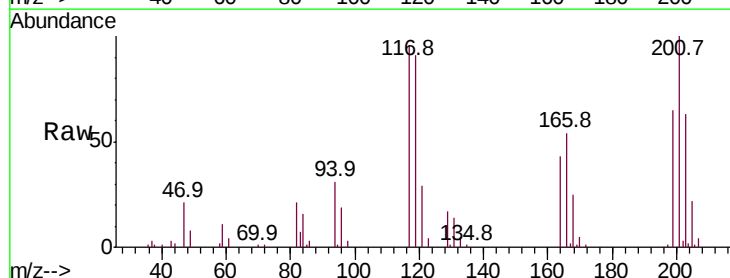


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

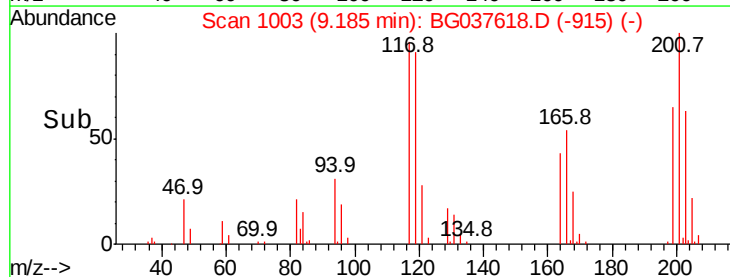
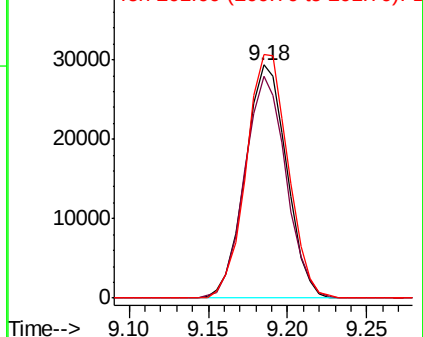


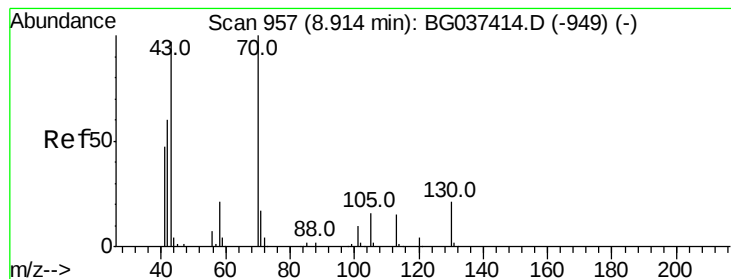
#18
Hexachloroethane
Concen: 40.070 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:	117	Resp:	53248
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.6	111.8
201	104.5	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





#19

n-Nitroso-di-n-propylamine

Concen: 37.489 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

Tot Ion: 70 Resp: 114218

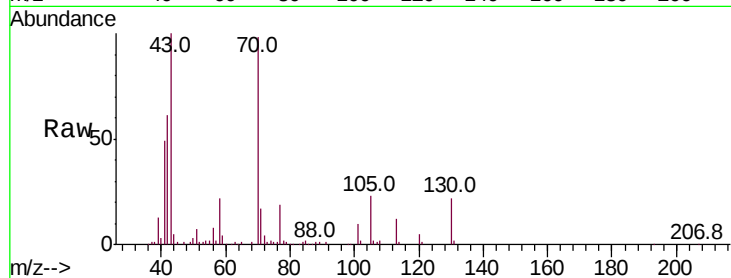
Ion Ratio Lower Upper

70 100

42 62.0 53.9 80.9

101 10.0 8.2 12.2

130 22.2 18.2 27.4



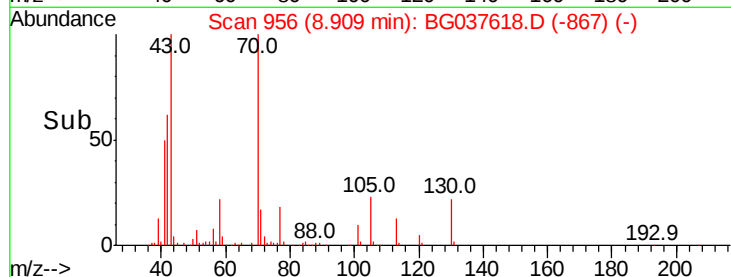
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

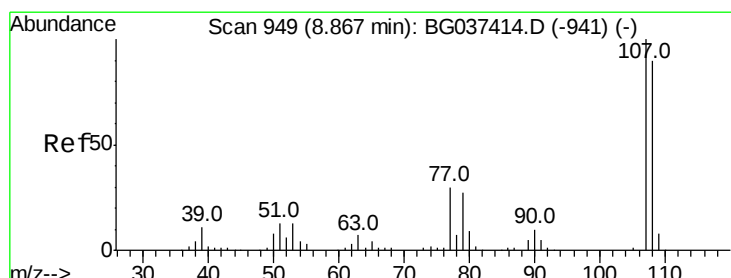
Ion 130.00 (129.70 to 130.70): BGC

Time-->



Abundance

Time-->



#20

3+4-Methylphenols

Concen: 43.225 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Tgt Ion: 107 Resp: 190731

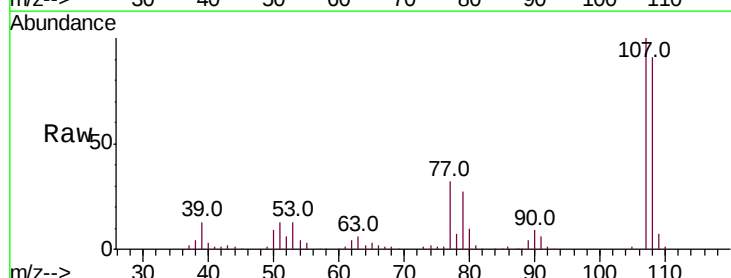
Ion Ratio Lower Upper

107 100

108 90.8 69.9 109.9

77 31.9 11.2 51.2

79 27.5 6.6 46.6



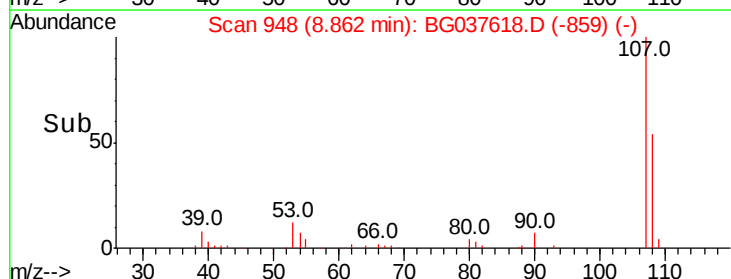
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



Abundance

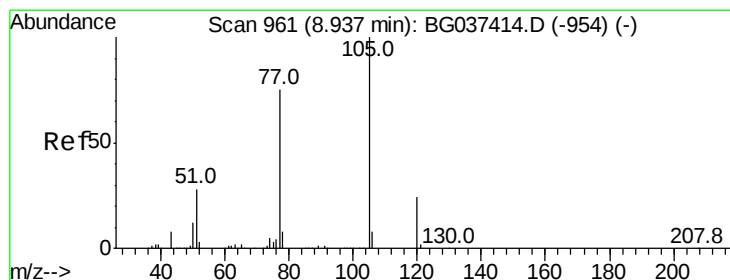
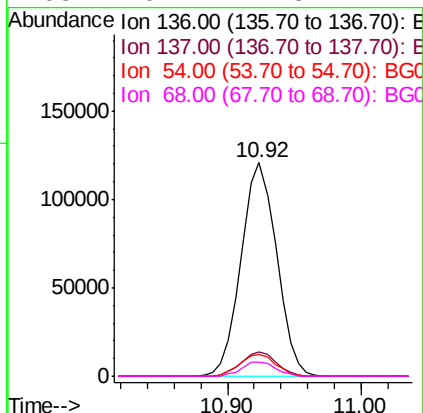
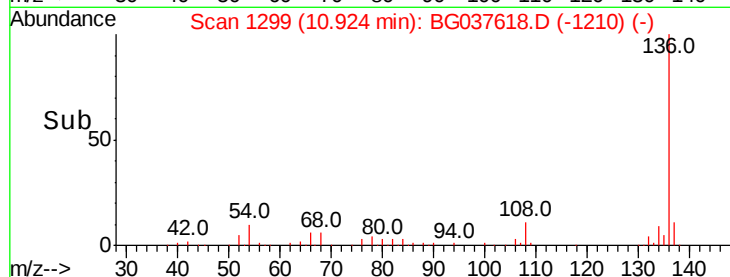
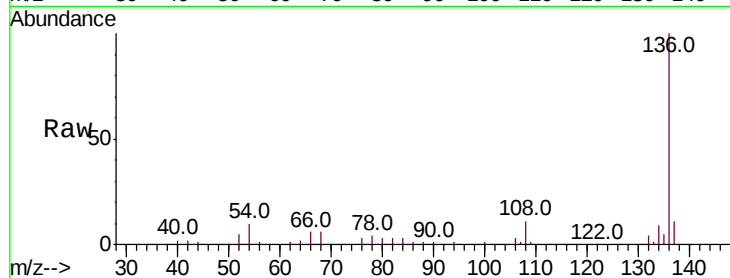
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

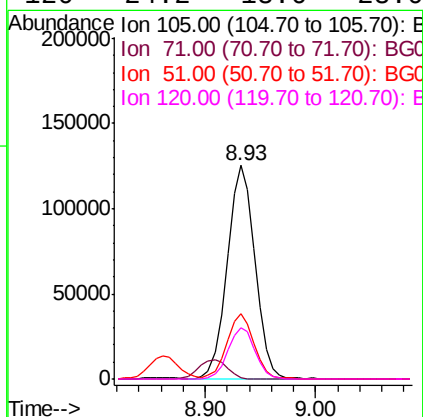
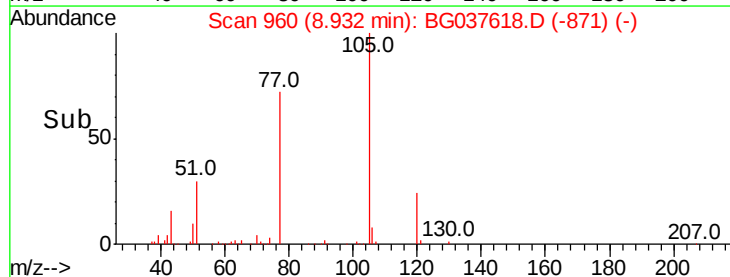
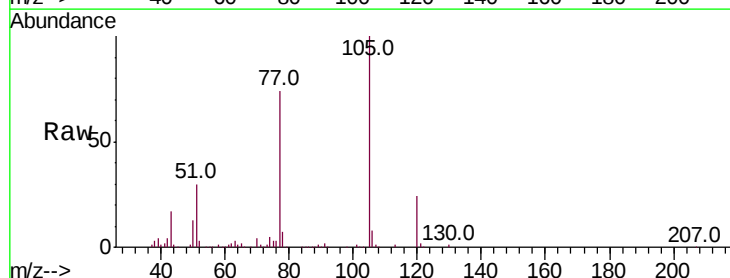
Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:	136	Resp:	222059
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	9.9	7.9	11.9
68	6.4	4.8	7.2



#22
Acetophenone
Concen: 39.657 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:	105	Resp:	220855
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	30.4	25.0	37.6
120	24.2	18.6	28.0

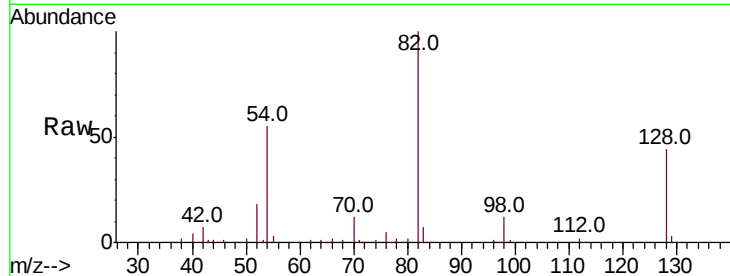




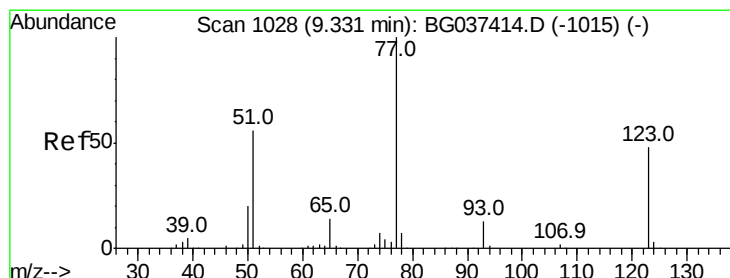
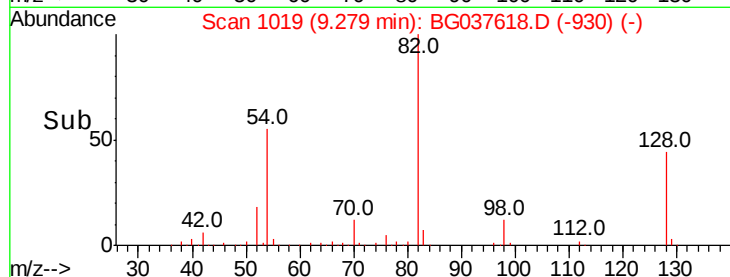
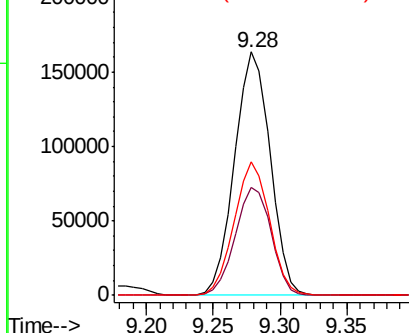
#23
 Nitrobenzene-d5
 Concen: 76.580 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	54.9	45.3	67.9

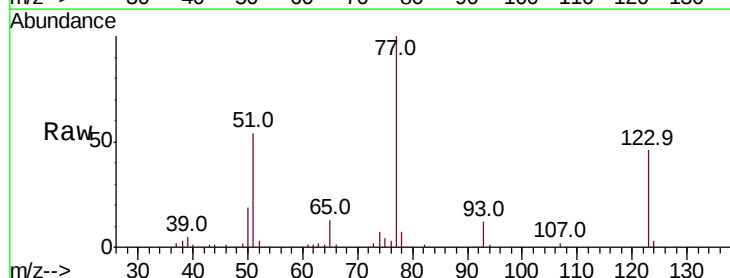


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

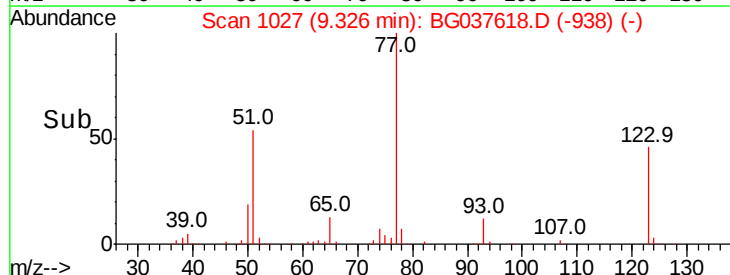
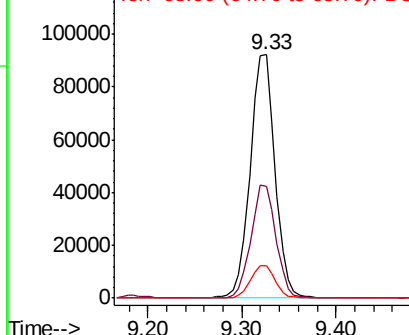


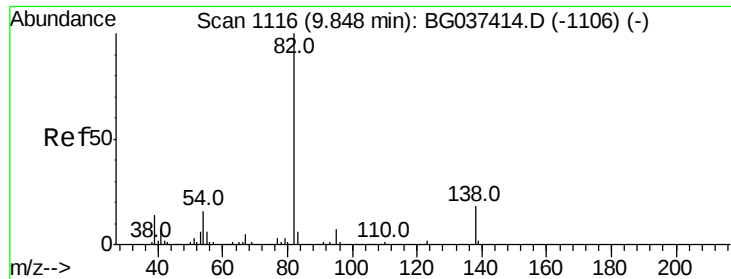
#24
 Nitrobenzene
 Concen: 41.037 ng
 RT: 9.33 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.6	50.4
65	13.1	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

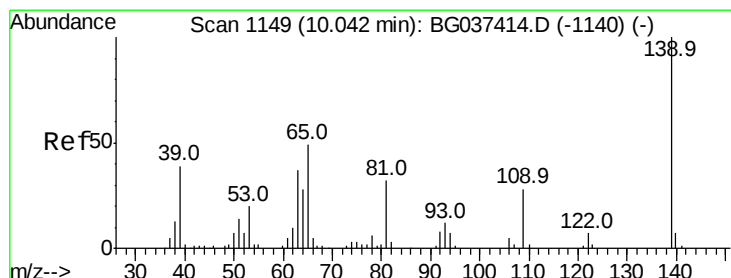
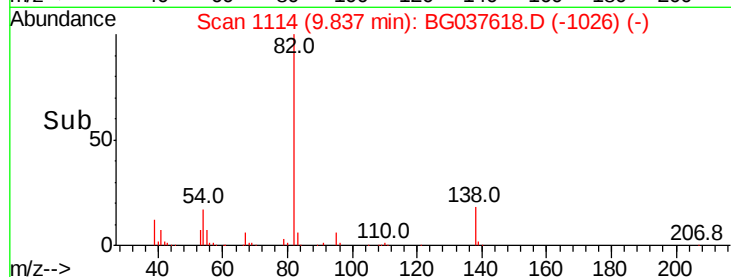
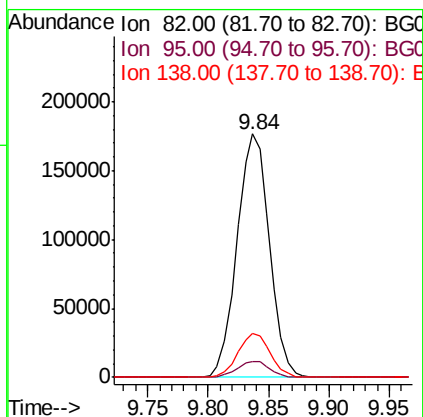
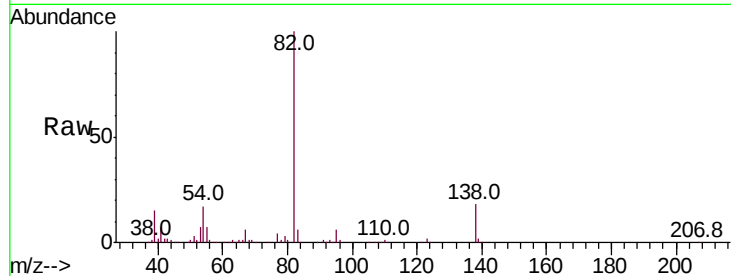




#25
Isophorone
Concen: 45.497 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

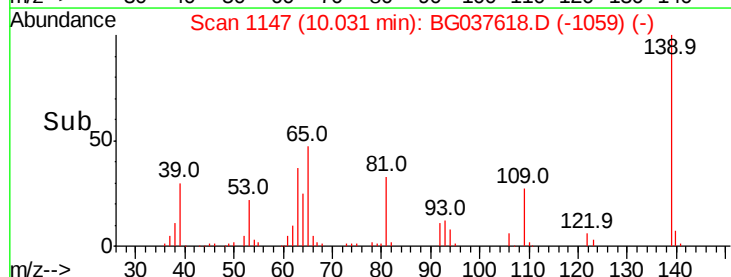
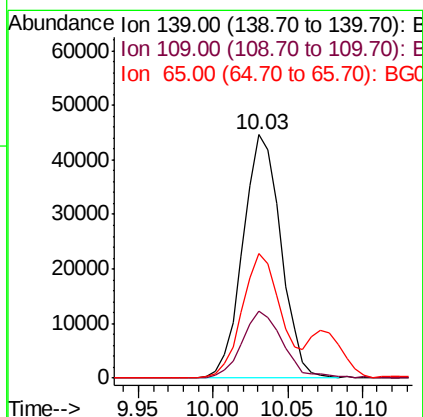
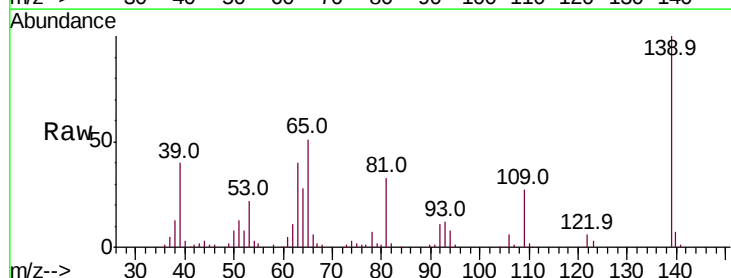
Instrument :
BNA_G
ClientSampleId :
PB114233BS

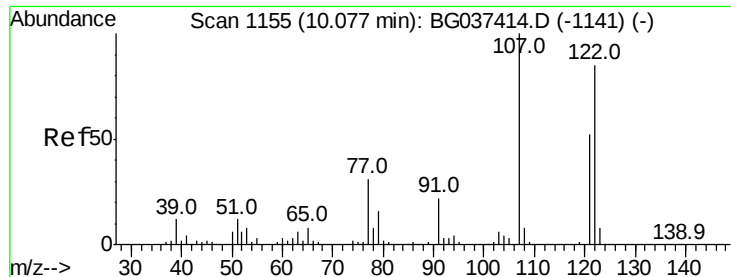
Tot Ion: 82 Resp: 329532
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 18.2 13.3 19.9



#26
2-Nitrophenol
Concen: 42.300 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion: 139 Resp: 78472
Ion Ratio Lower Upper
139 100
109 27.5 23.3 34.9
65 51.2 39.8 59.8

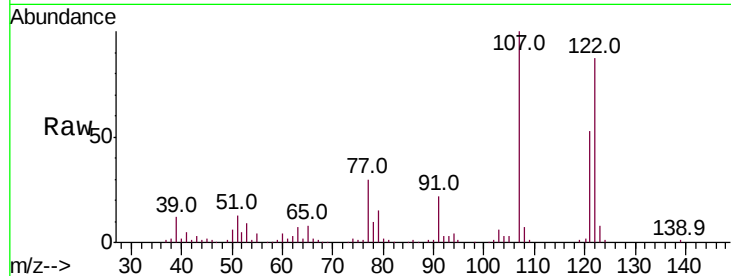




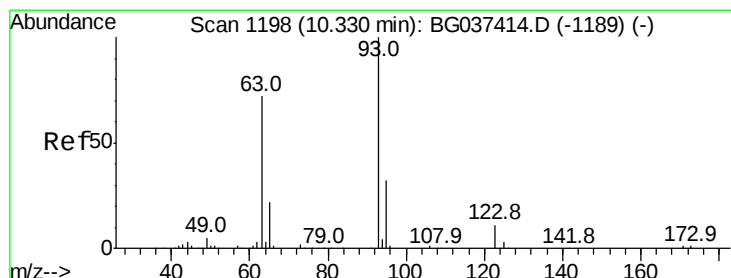
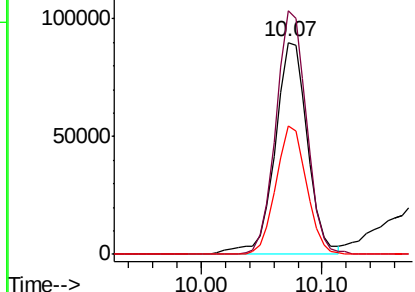
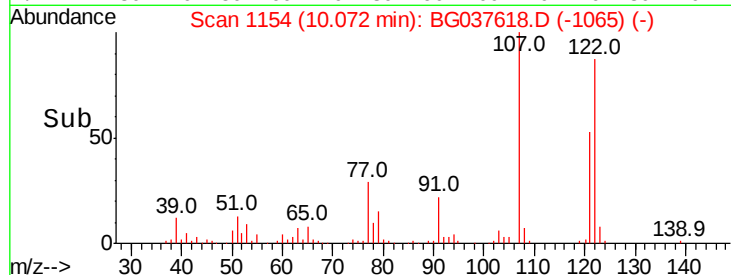
#27
 2,4-Dimethylphenol
 Concen: 50.265 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion:122 Resp: 166492
 Ion Ratio Lower Upper
 122 100
 107 114.7 94.2 141.2
 121 60.2 47.3 70.9

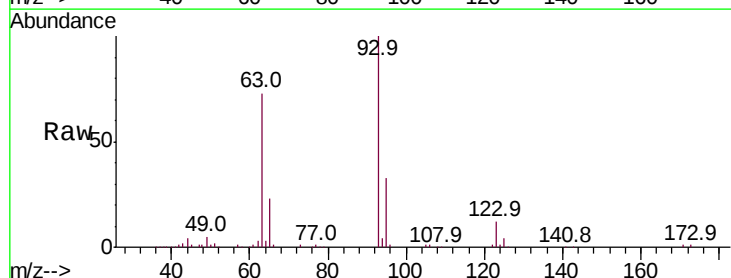


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

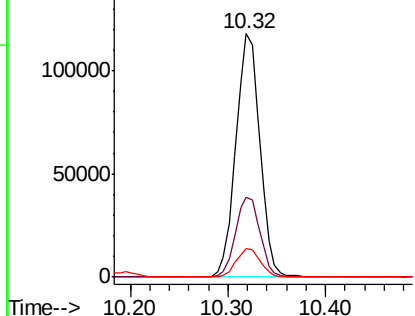
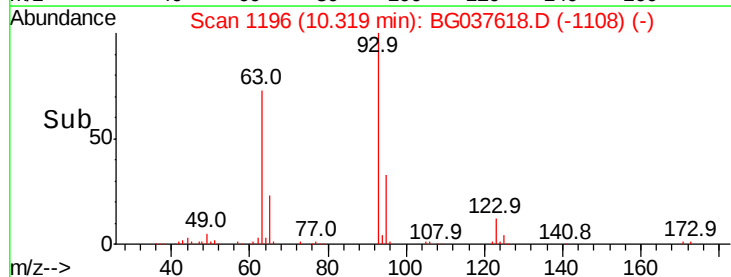


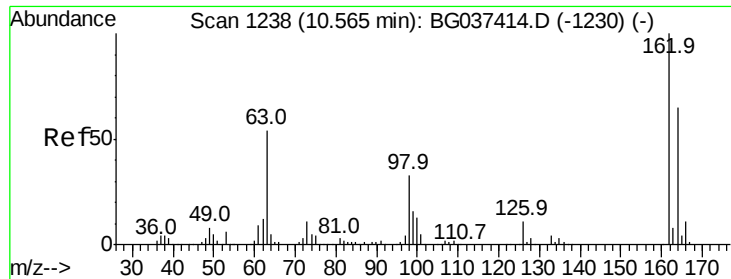
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.633 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion: 93 Resp: 202310
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 11.7 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

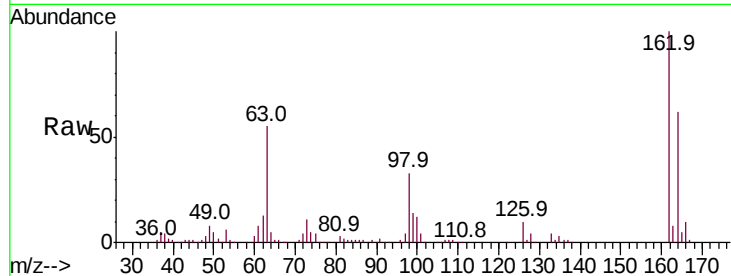




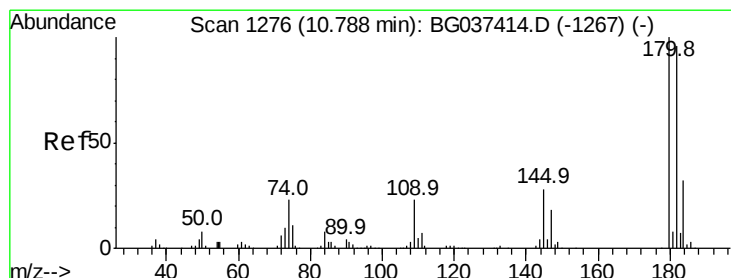
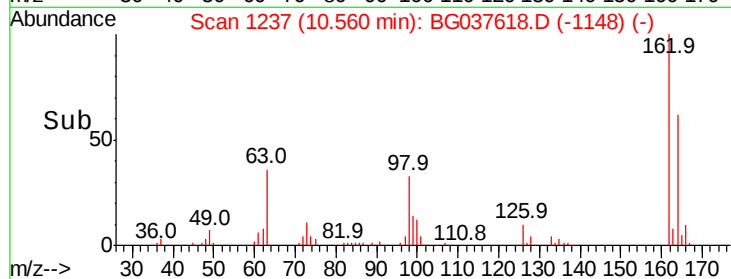
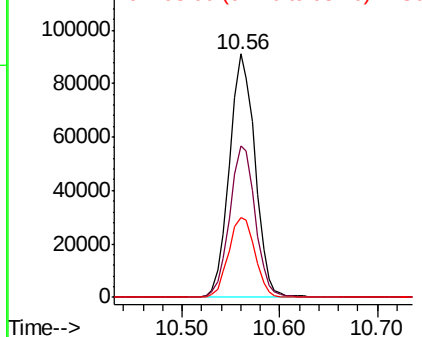
#29
 2,4-Dichlorophenol
 Concen: 44.979 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	43.2	83.2
98	32.7	16.0	56.0

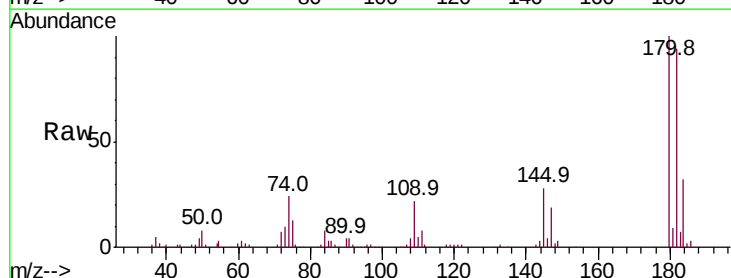


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

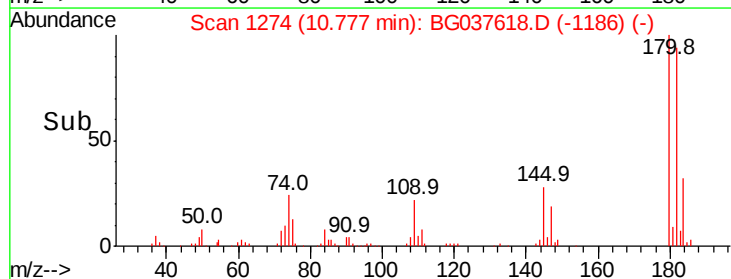
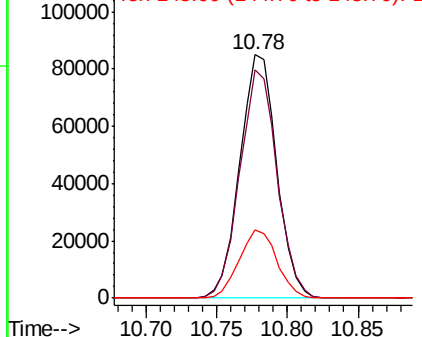


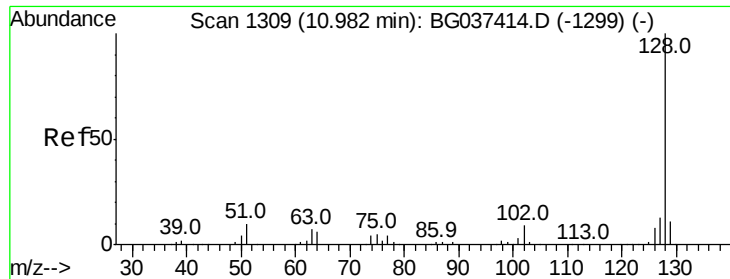
#30
 1,2,4-Trichlorobenzene
 Concen: 38.731 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.7	116.5
145	27.9	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

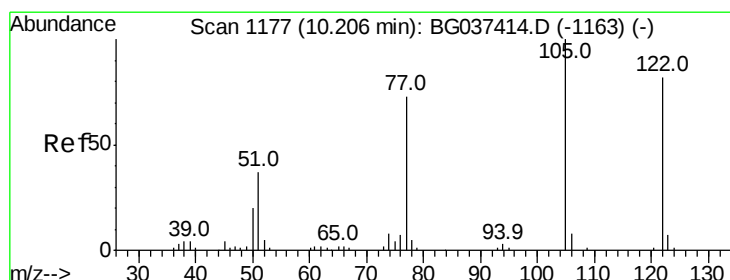
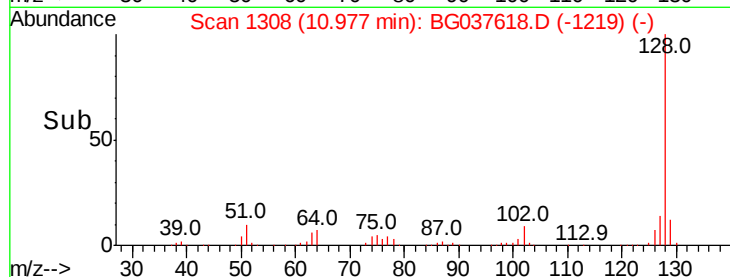
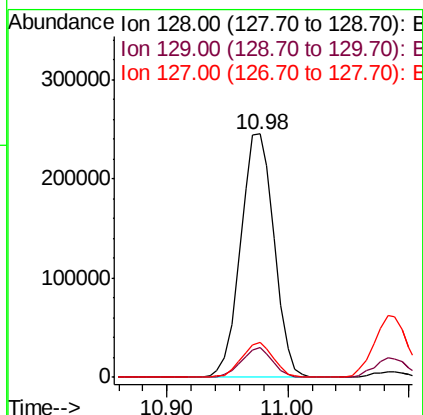
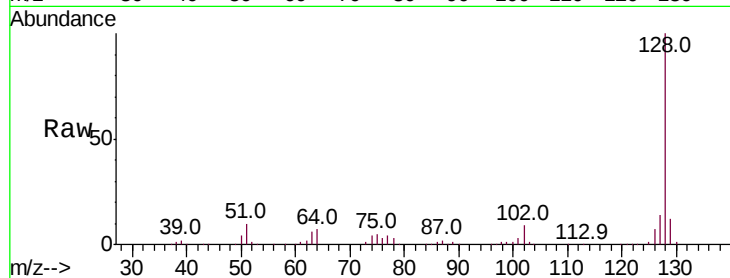




#31
Naphthalene
Concen: 43.381 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

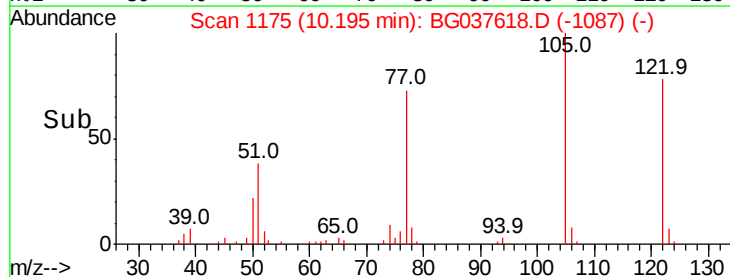
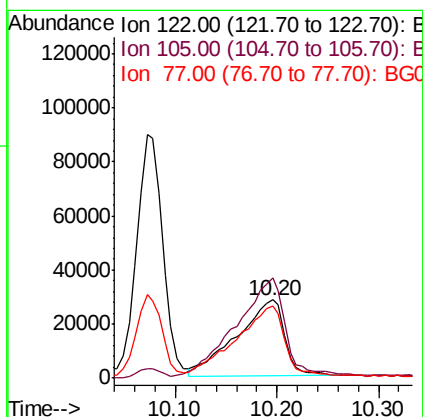
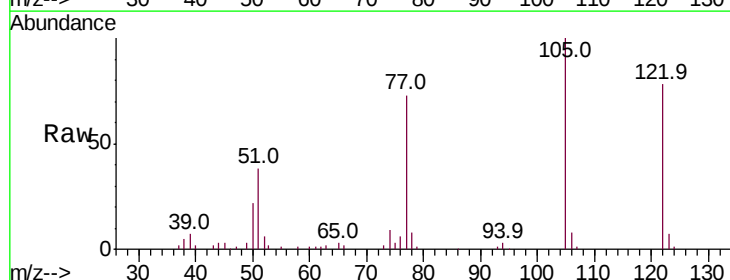
Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:128 Resp: 473156
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 43.164 ng
RT: 10.20 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:122 Resp: 92861
Ion Ratio Lower Upper
122 100
105 127.8 106.7 146.7
77 93.0 72.2 112.2

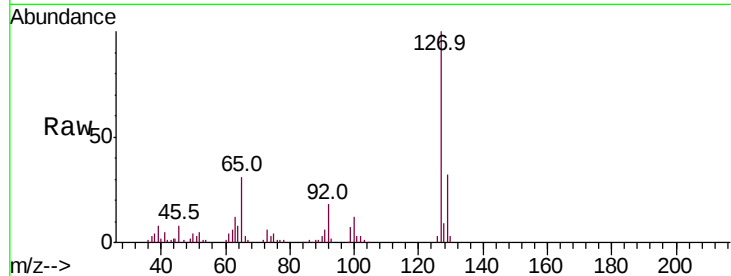




#33
4-Chloroaniline
Concen: 23.629 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:	127	Resp:	121091
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.1	40.7
65	31.5	26.6	39.8
92	17.7	16.4	24.6



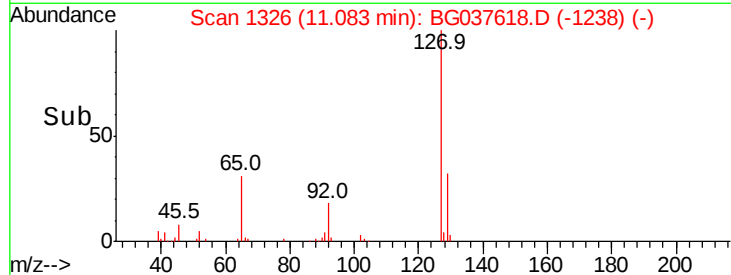
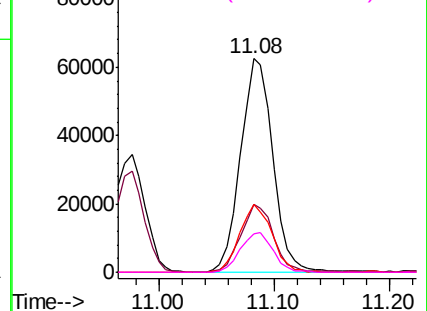
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

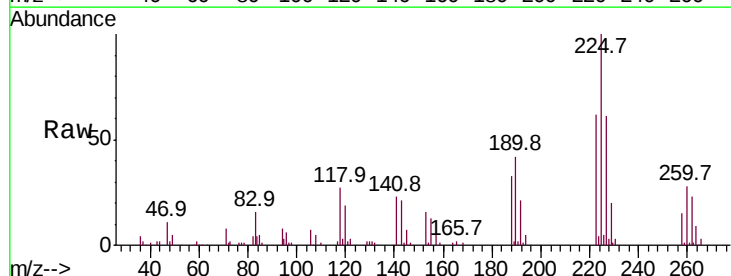
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.409 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:	225	Resp:	88918
Ion	Ratio	Lower	Upper
225	100		
223	59.0	48.2	72.4
227	60.3	51.6	77.4

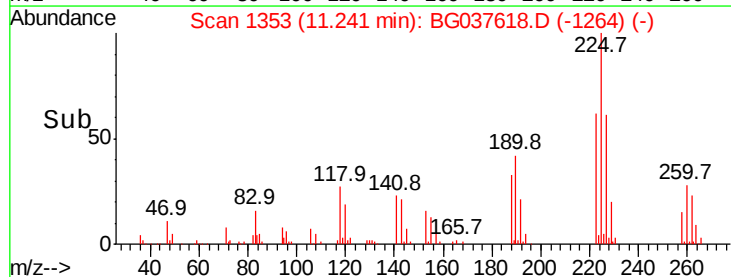
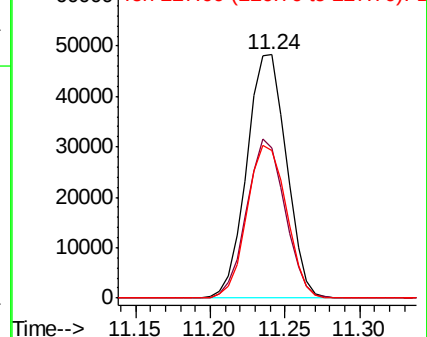


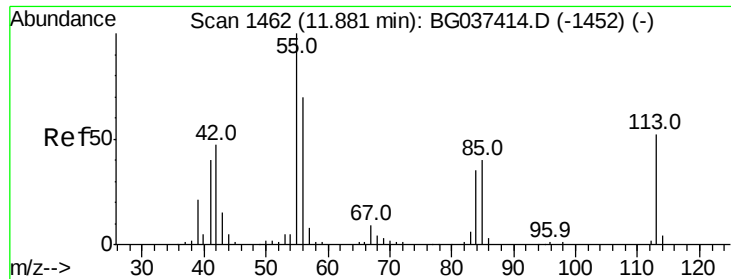
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.464 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

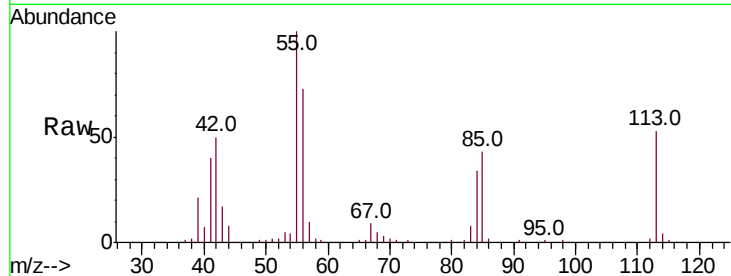
Tot Ion:113 Resp: 39143

Ion Ratio Lower Upper

113 100

55 190.1 176.6 216.6

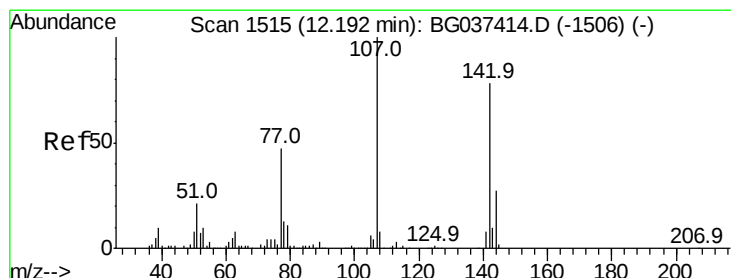
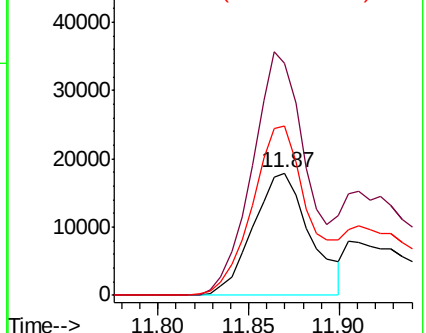
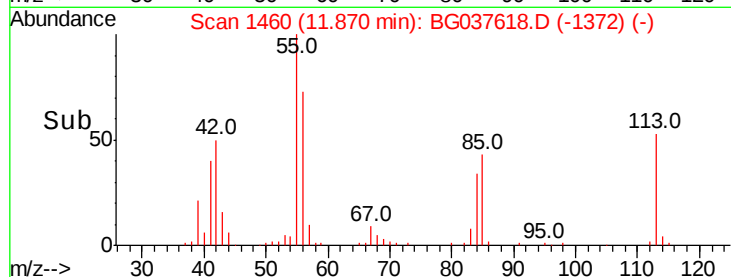
56 137.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.192 ng

RT: 12.19 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

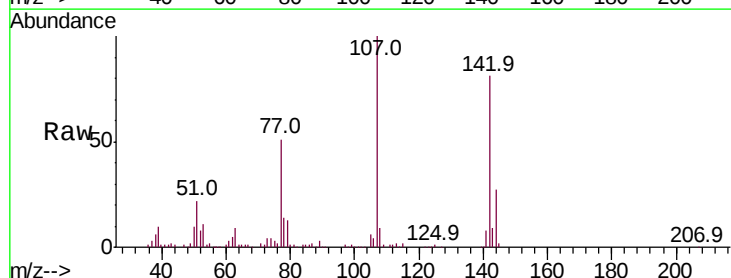
Tgt Ion:107 Resp: 183798

Ion Ratio Lower Upper

107 100

144 27.4 20.7 31.1

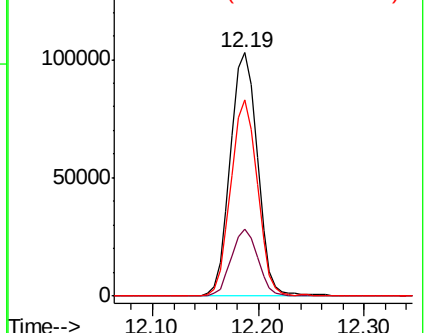
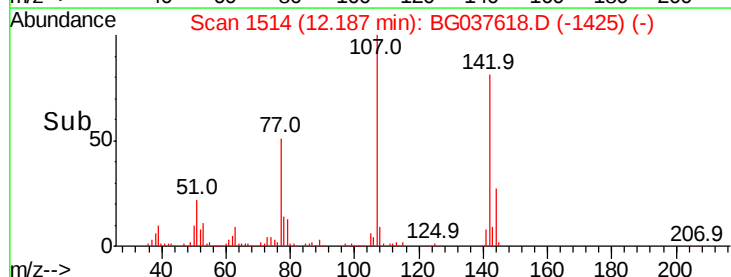
142 80.6 64.4 96.6

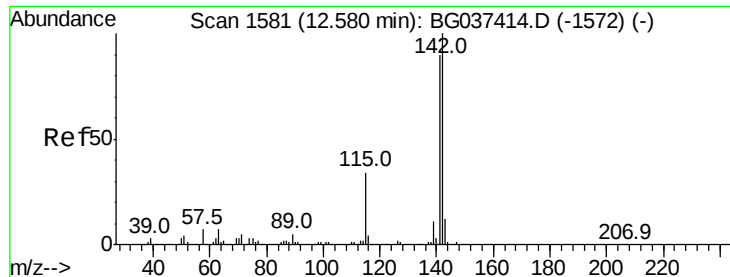


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.967 ng

RT: 12.57 min Scan# 1579

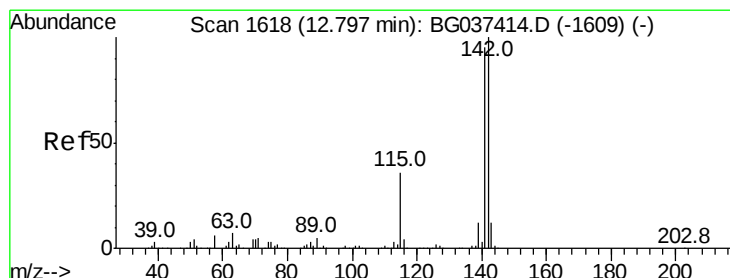
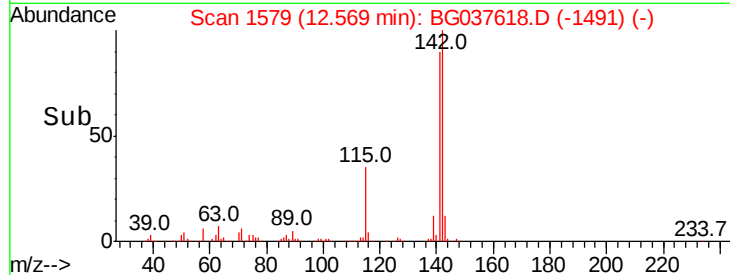
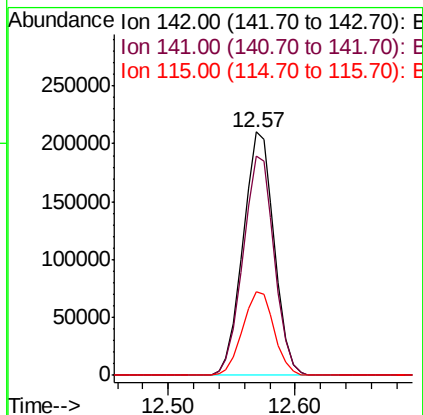
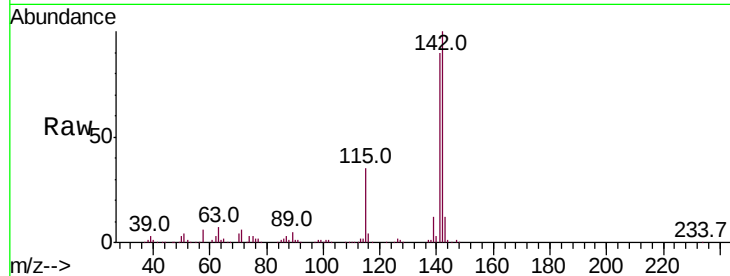
Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleID :
PB114233BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	34.5	27.8	41.8



#38

1-Methylnaphthalene

Concen: 44.570 ng

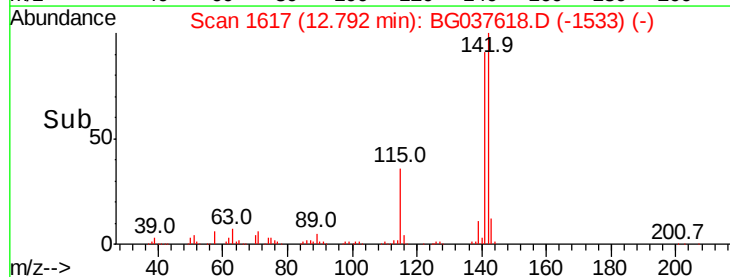
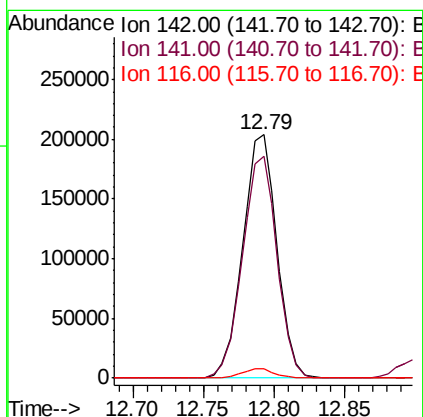
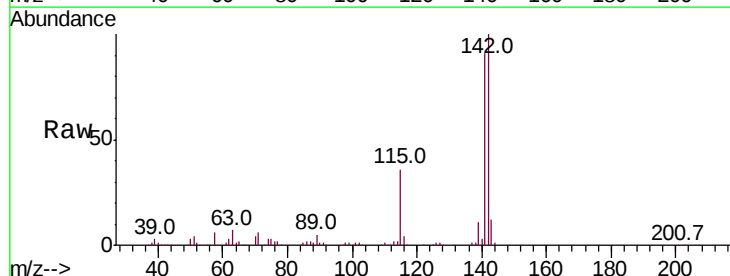
RT: 12.79 min Scan# 1617

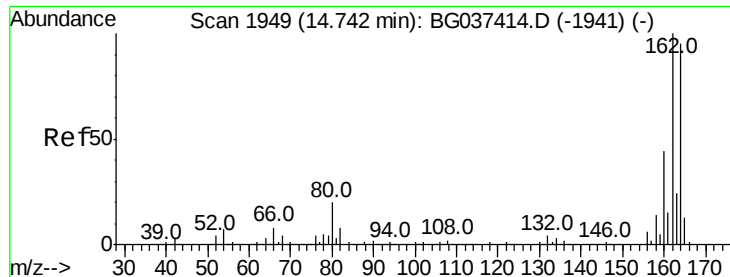
Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

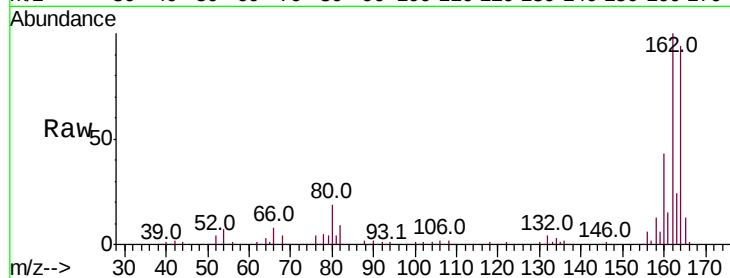
Tot Ion:164 Resp: 150723

Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

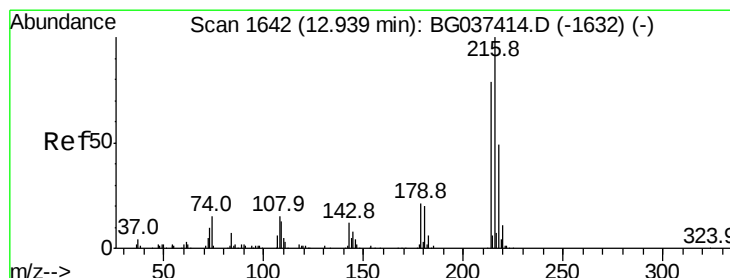
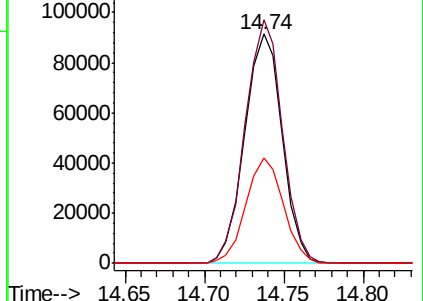
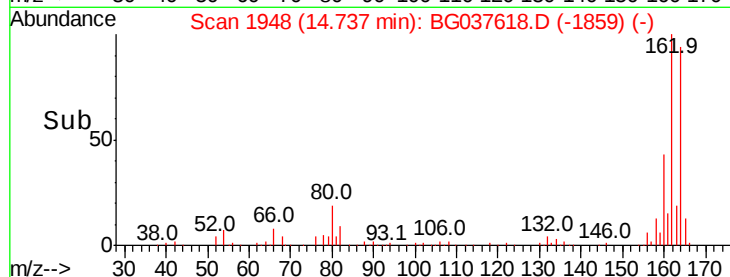
160 45.8 36.3 54.5



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: 36.575 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Tgt Ion:216 Resp: 177812

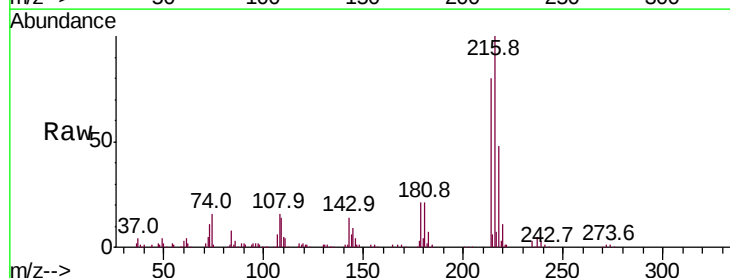
Ion Ratio Lower Upper

216 100

214 81.8 63.8 95.6

179 21.6 17.4 26.0

108 19.6 13.9 20.9

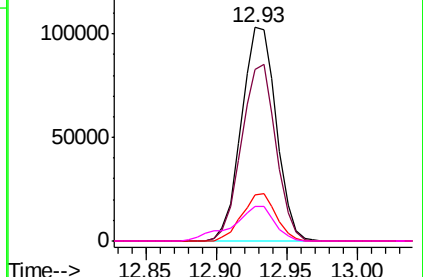
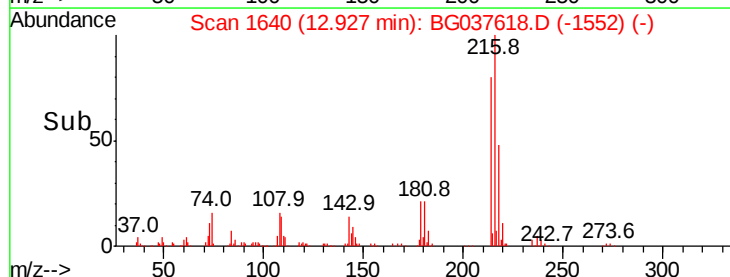


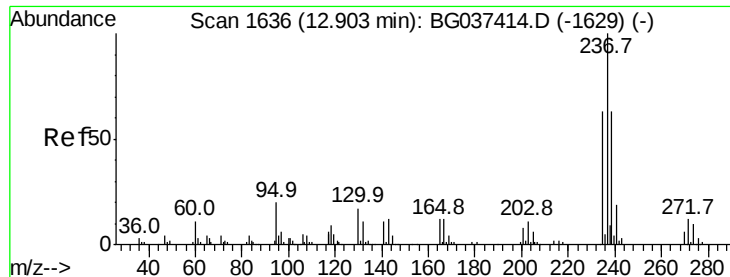
Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.700 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

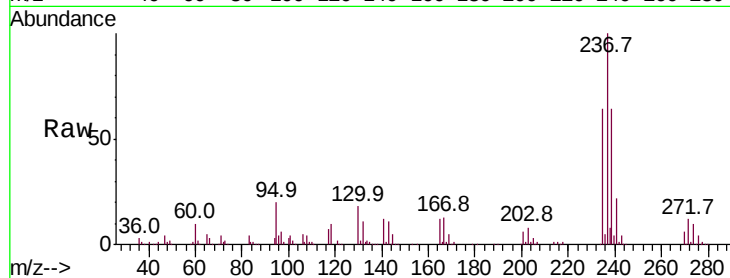
Tot Ion:237 Resp: 212954

Ion Ratio Lower Upper

237 100

235 64.1 42.5 82.5

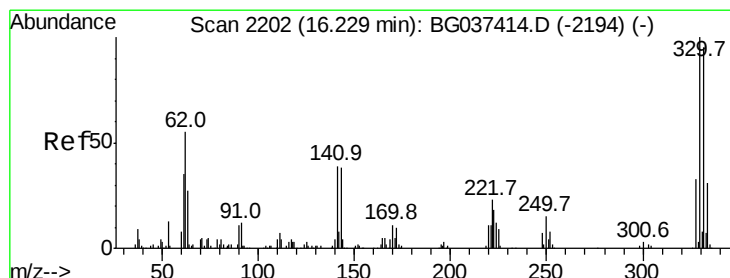
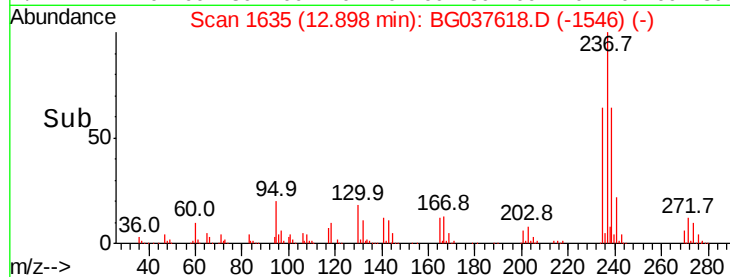
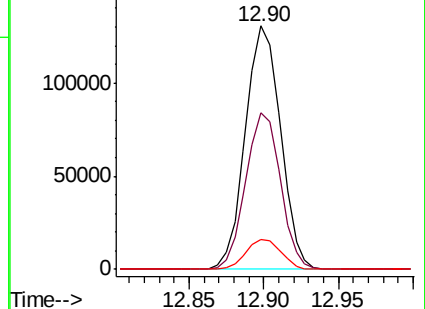
272 12.1 0.0 31.6



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: 147.900 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

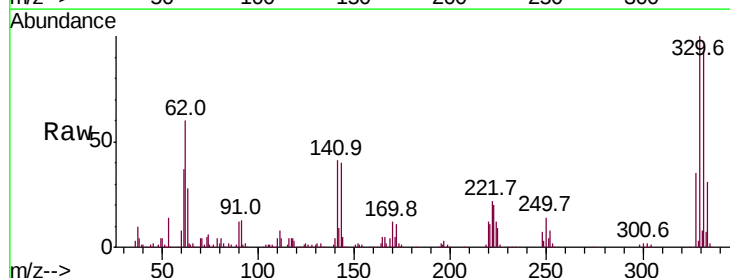
Tgt Ion:330 Resp: 243136

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

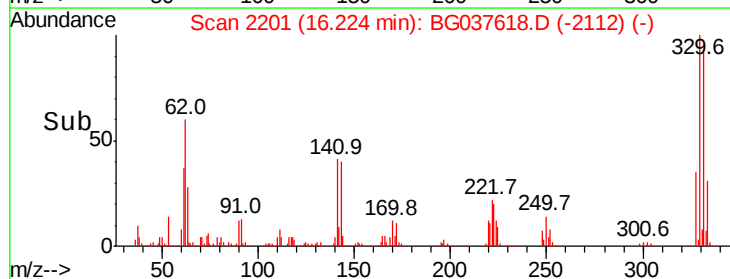
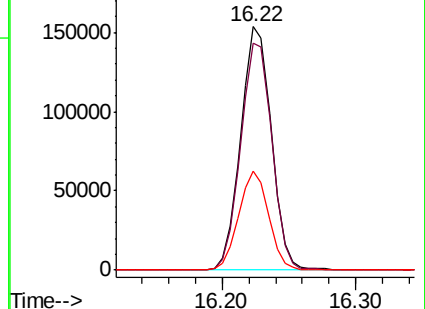
141 39.9 32.2 48.2



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

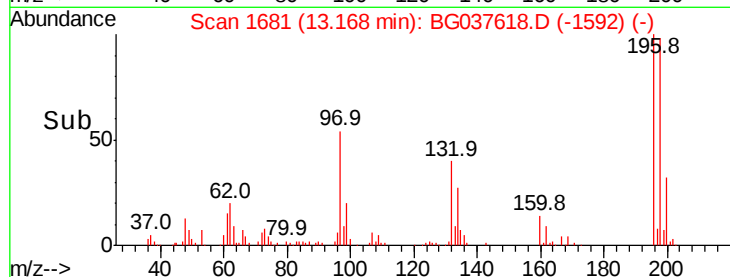
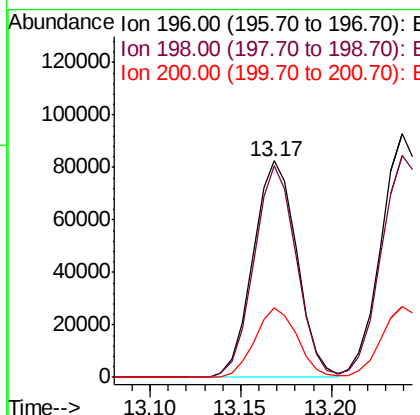
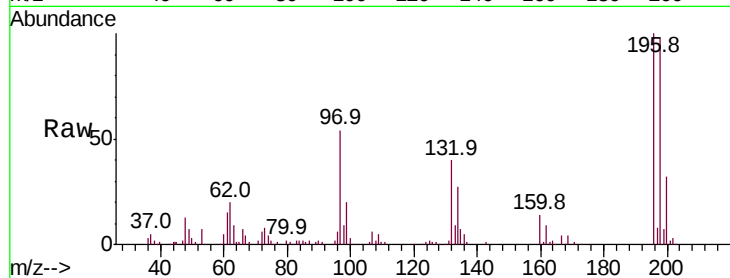




#43
 2,4,6-Trichlorophenol
 Concen: 42.547 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

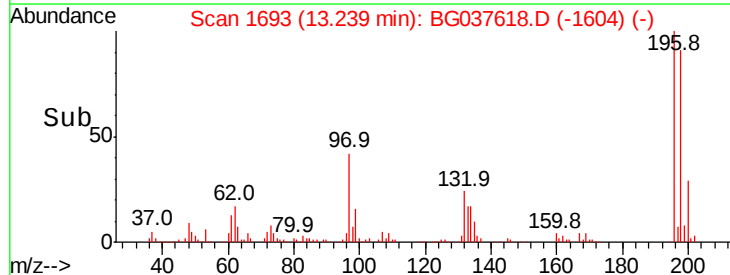
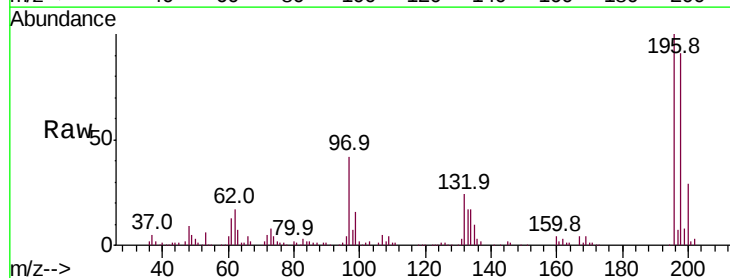
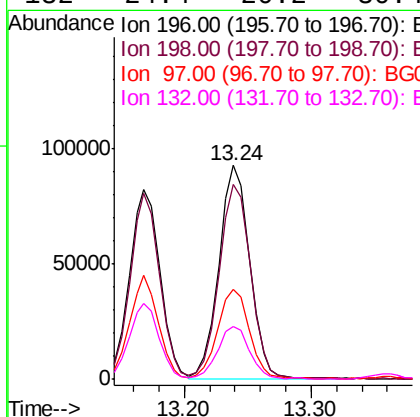
Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion	196	Resp	138191
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.4	114.6
200	32.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.190 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion	196	Resp	156270
Ion Ratio	Lower	Upper	
196	100		
198	91.0	74.2	111.2
97	41.7	34.1	51.1
132	24.4	20.2	30.4

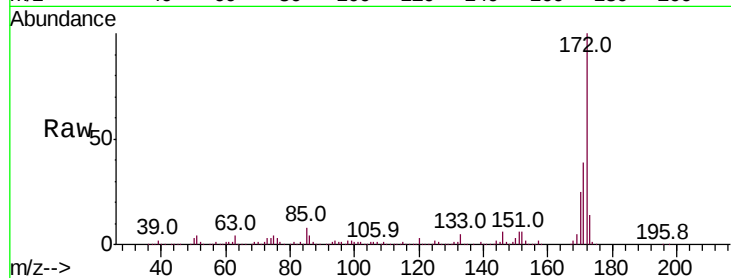




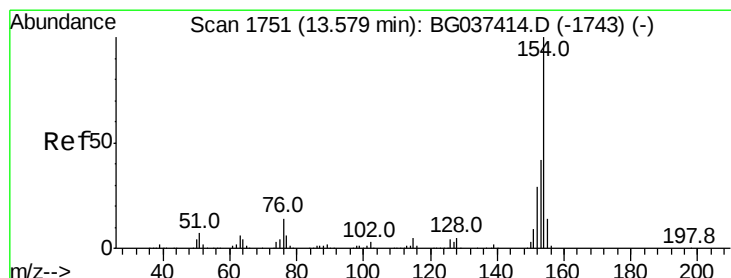
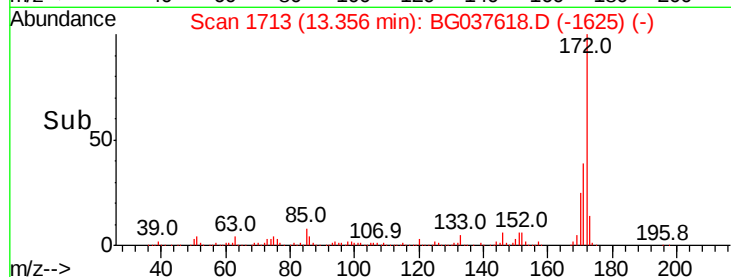
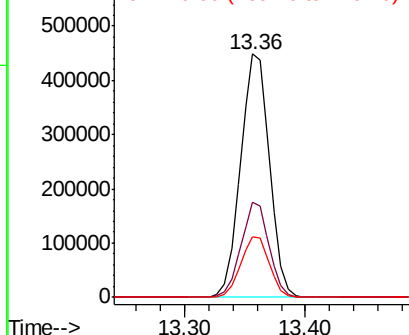
#45
2-Fluorobiphenyl
Concen: 74.824 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:172 Resp: 747881
Ion Ratio Lower Upper
172 100
171 39.3 31.0 46.4
170 24.9 20.2 30.2

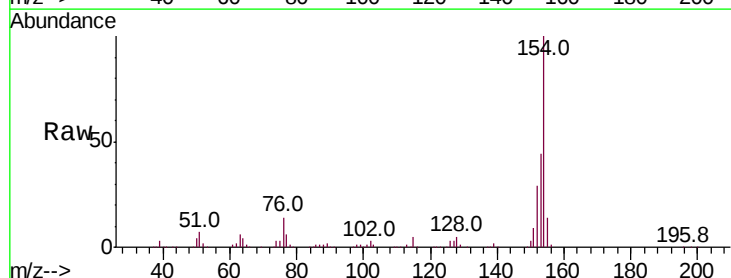


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

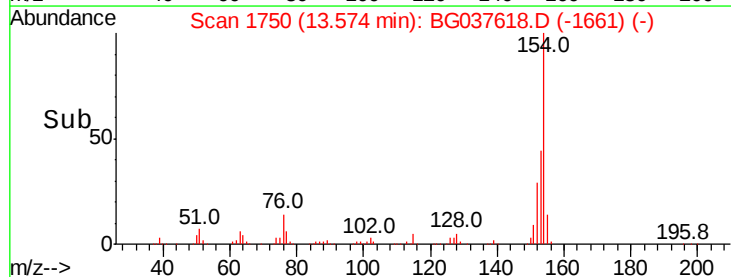
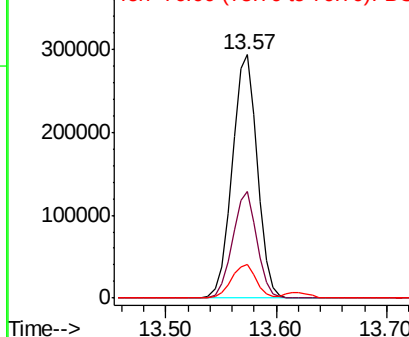


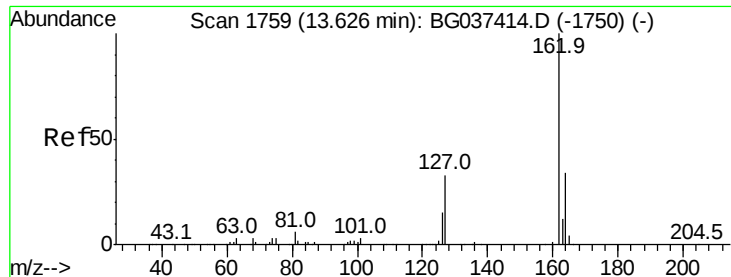
#46
1,1'-Biphenyl
Concen: 37.252 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:154 Resp: 464992
Ion Ratio Lower Upper
154 100
153 43.7 22.1 62.1
76 13.7 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

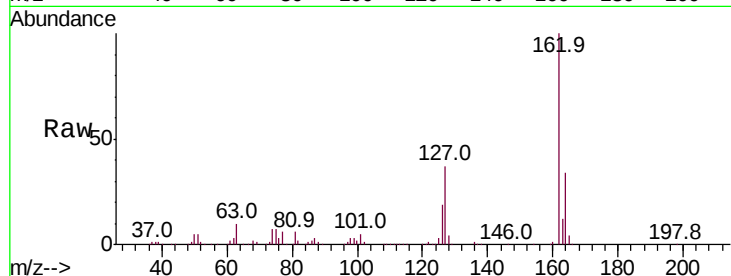




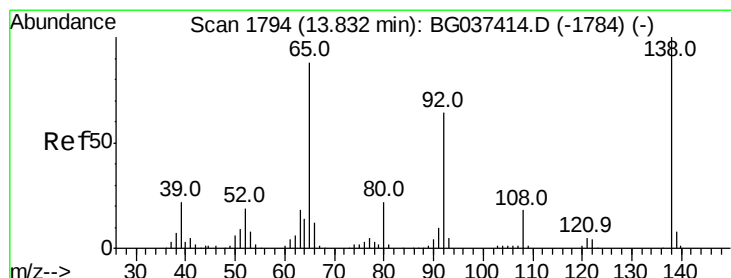
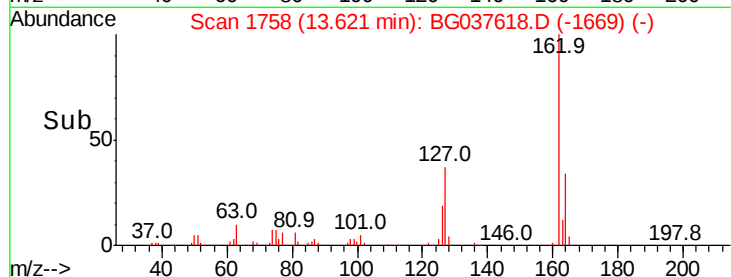
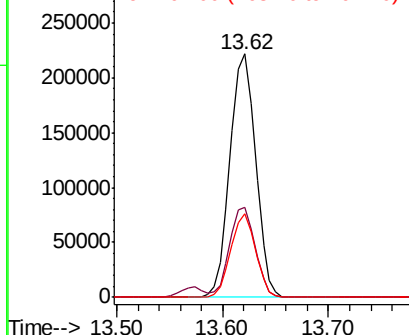
#47
 2-Chloronaphthalene
 Concen: 39.574 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	34.2	26.4	39.6

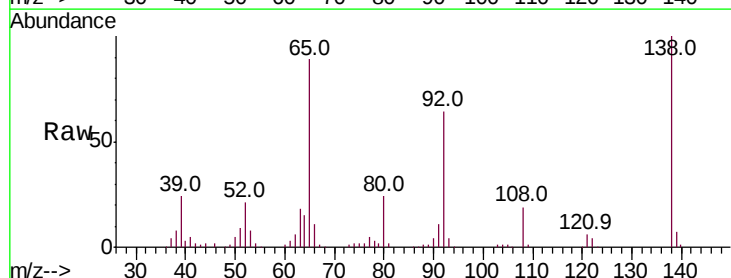


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

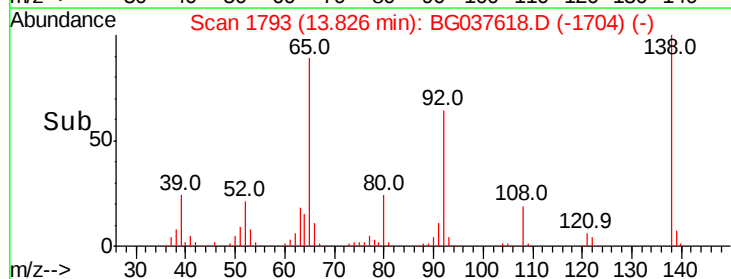
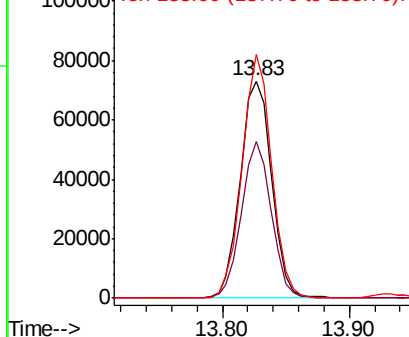


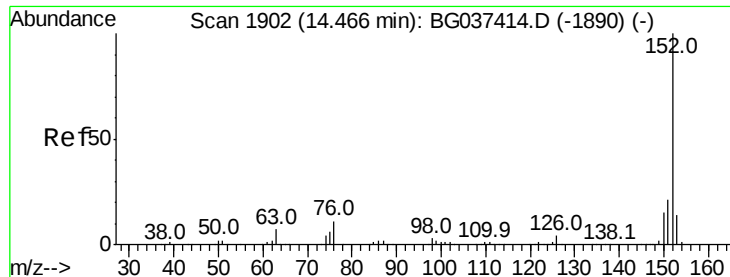
#48
 2-Nitroaniline
 Concen: 43.887 ng
 RT: 13.83 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.2	79.8
138	112.2	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.093 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

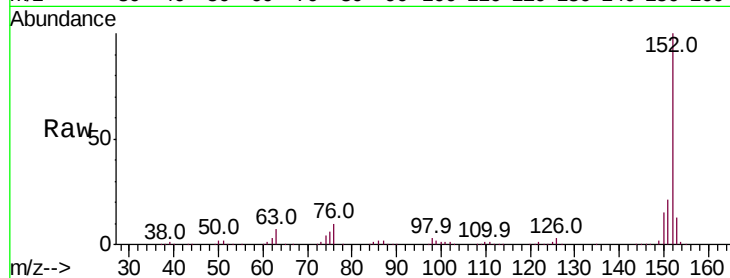
Tot Ion:152 Resp: 626373

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

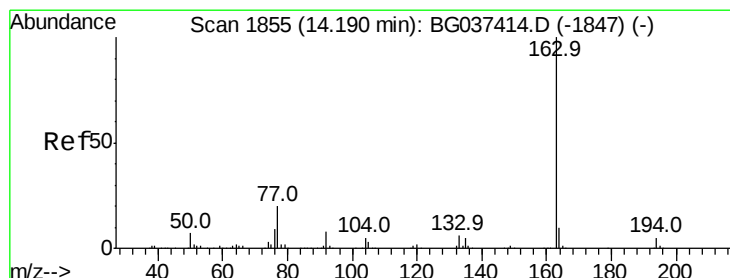
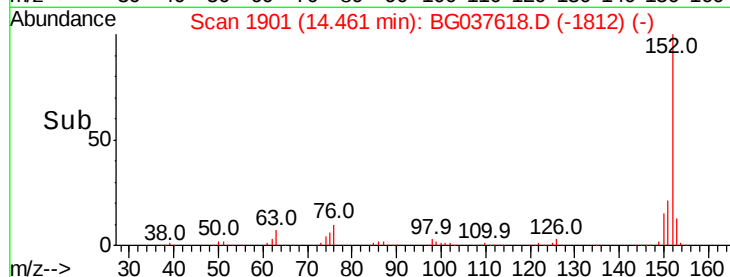
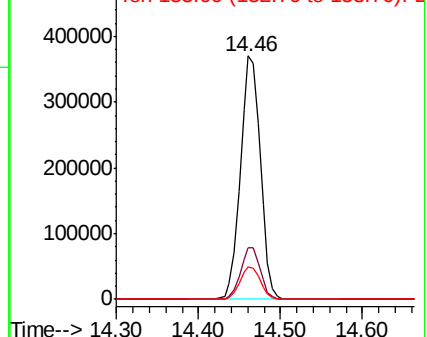
153 13.4 11.1 16.7



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: 42.321 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

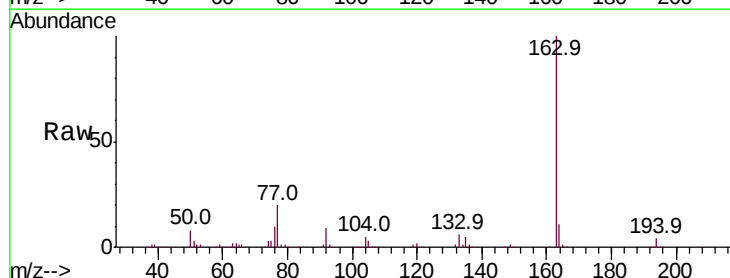
Tgt Ion:163 Resp: 493474

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

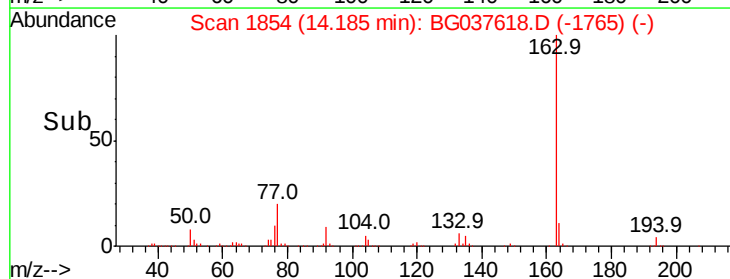
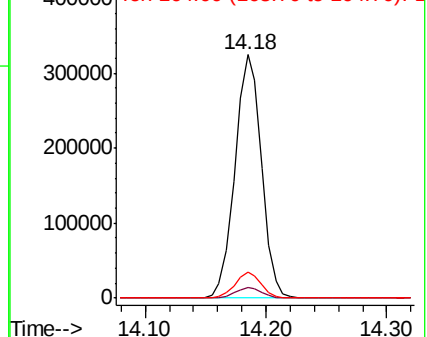
164 10.7 8.5 12.7

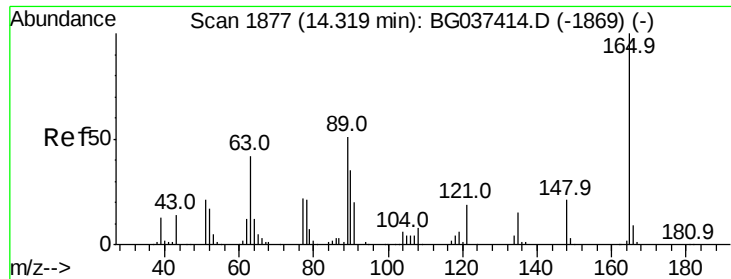


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.204 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

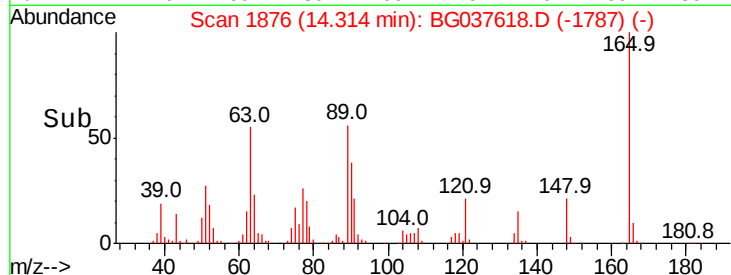
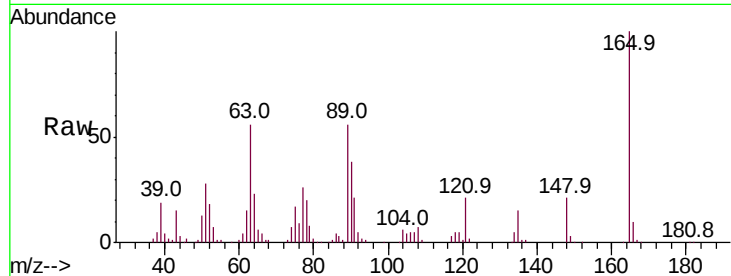
Tot Ion:165 Resp: 108865

Ion Ratio Lower Upper

165 100

63 55.6 43.4 65.2

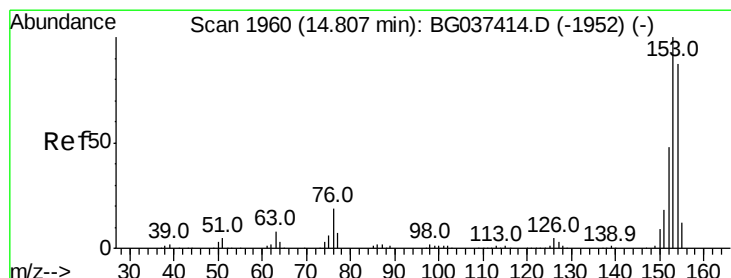
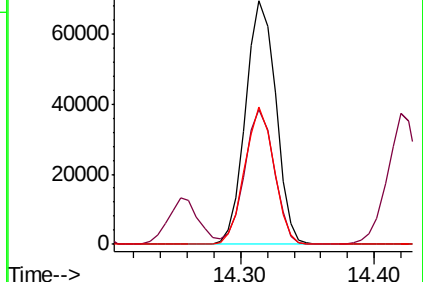
89 56.4 45.8 68.6



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: 41.368 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

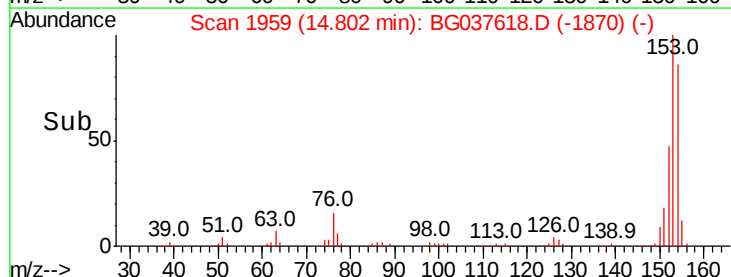
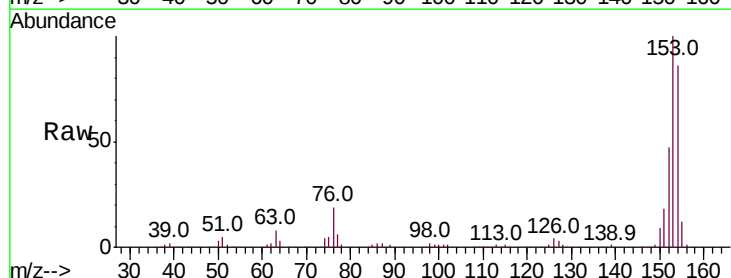
Tgt Ion:154 Resp: 361924

Ion Ratio Lower Upper

154 100

153 116.7 93.4 140.0

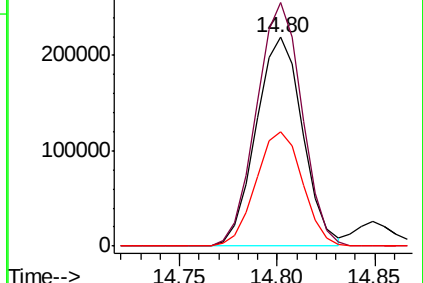
152 54.9 44.7 67.1

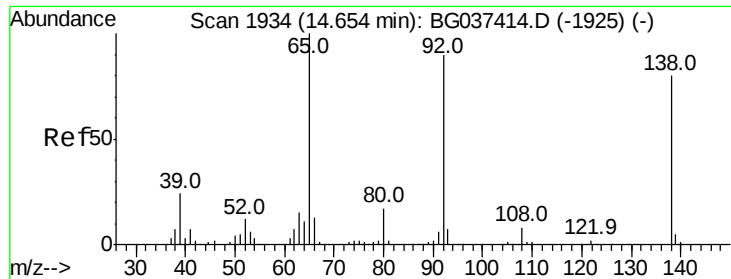


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.107 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

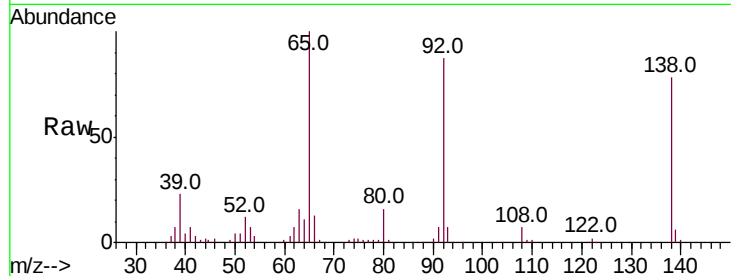
Tot Ion:138 Resp: 94804

Ion Ratio Lower Upper

138 100

108 9.4 11.0 16.6#

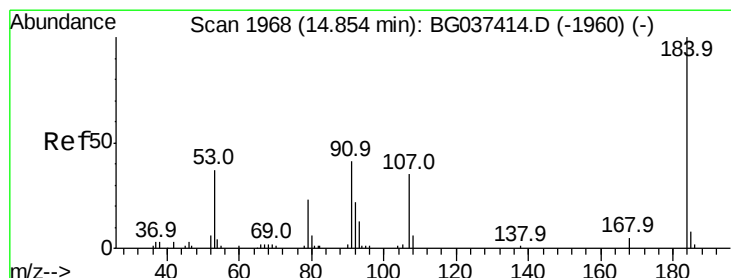
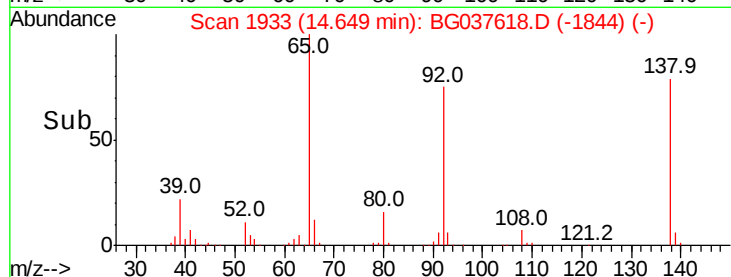
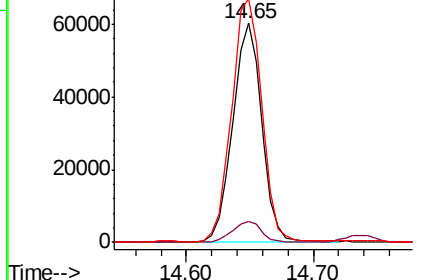
92 111.2 95.2 142.8



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: 68.096 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

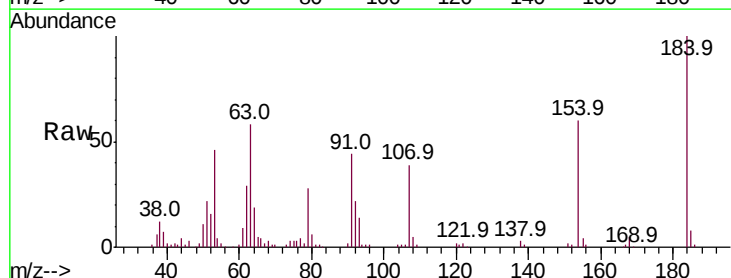
Tgt Ion:184 Resp: 70231

Ion Ratio Lower Upper

184 100

63 57.9 42.6 63.8

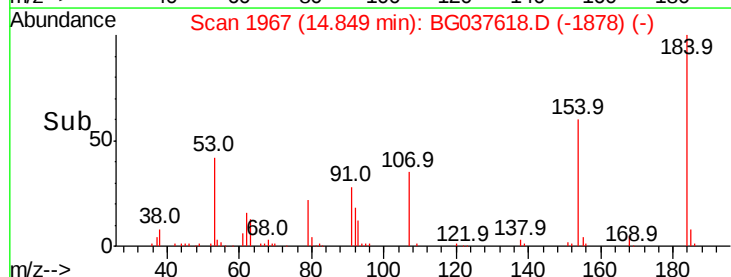
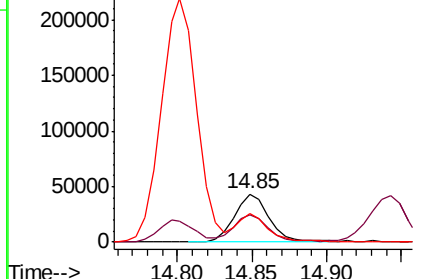
154 60.2 41.8 62.6

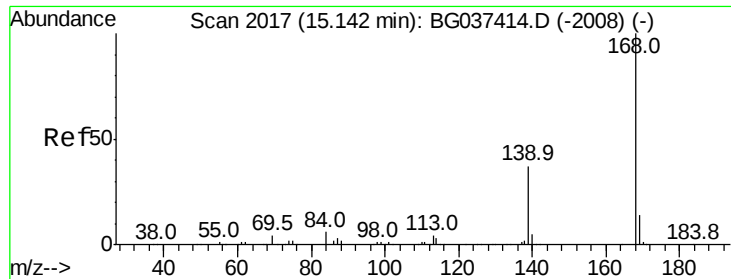


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

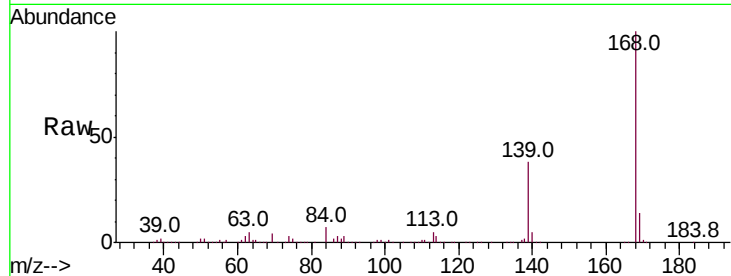




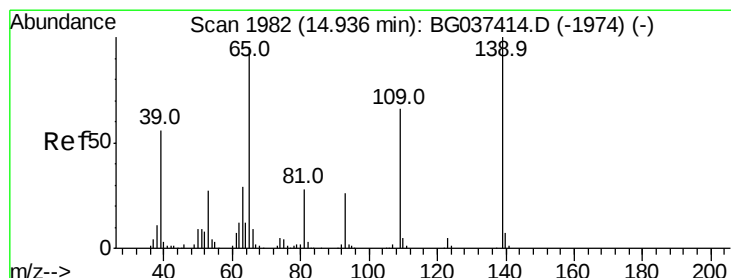
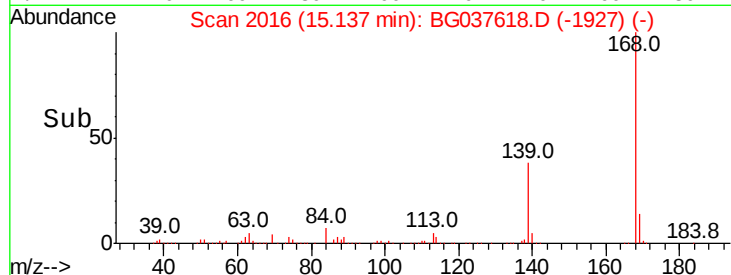
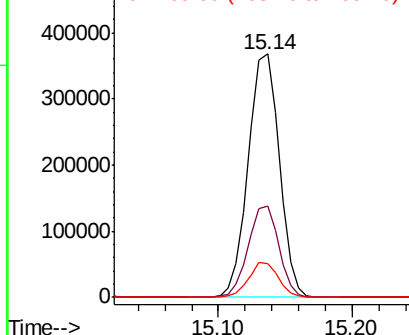
#55
Dibenzofuran
Concen: 40.779 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:168 Resp: 591106
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.9 11.0 16.6

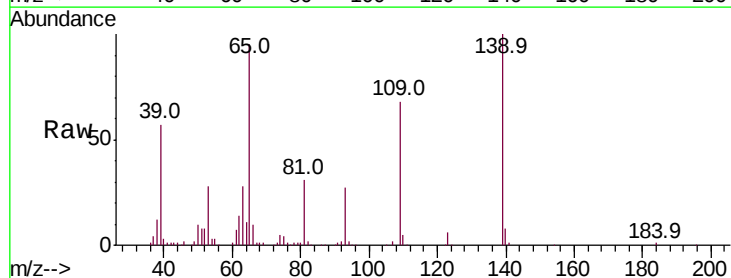


Abundance Ion 168.00 (167.70 to 168.70): E
500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

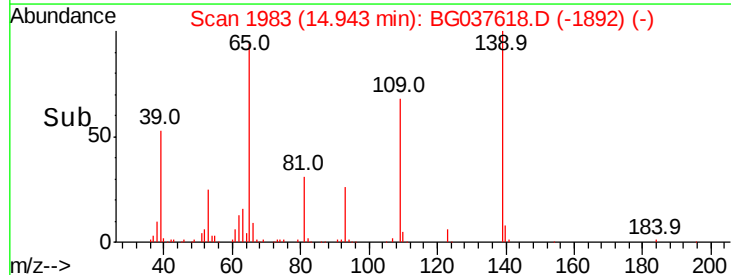
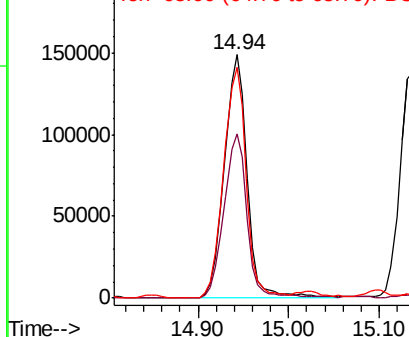


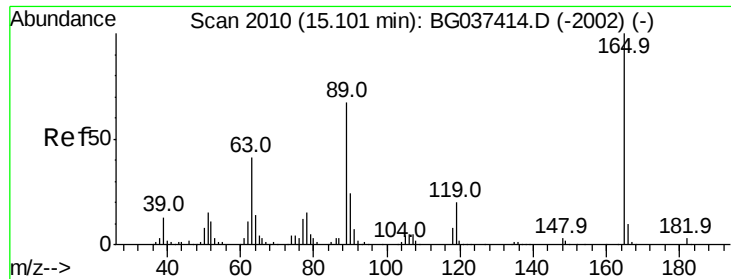
#56
4-Nitrophenol
Concen: 122.420 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:139 Resp: 259483
Ion Ratio Lower Upper
139 100
109 67.7 49.5 89.5
65 95.0 76.8 116.8



Abundance Ion 139.00 (138.70 to 139.70): E
200000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

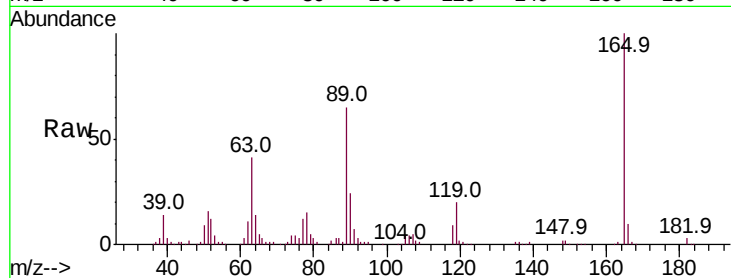




#57
 2,4-Dinitrotoluene
 Concen: 46.873 ng
 RT: 15.10 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	33.4	50.0
89	65.4	57.2	85.8
182	2.5	2.6	4.0



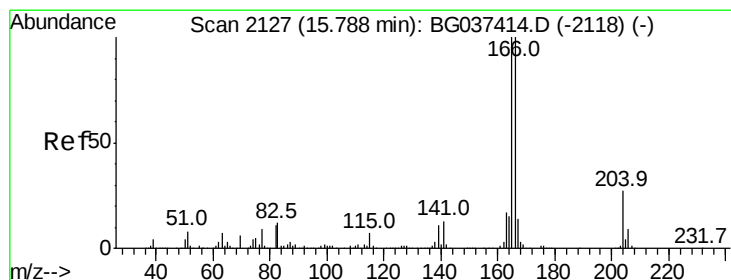
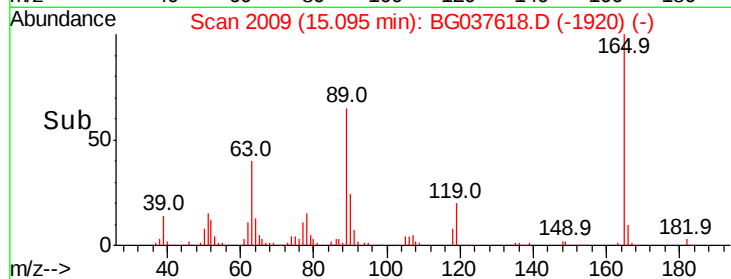
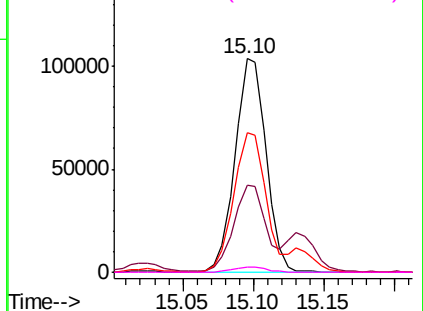
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

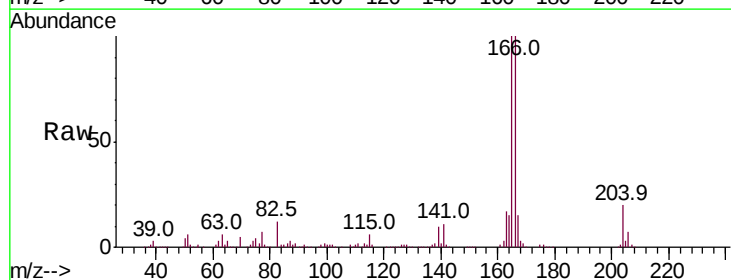
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.128 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.0	118.6
167	14.8	11.3	16.9

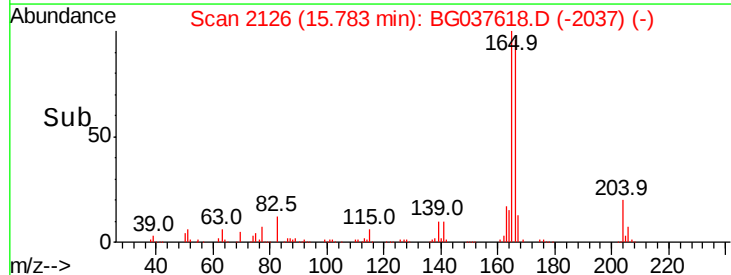
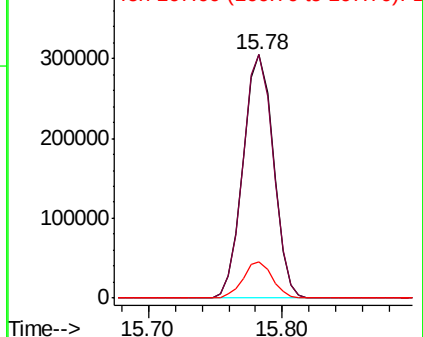


Abundance

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: 44.495 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

Tot Ion:232 Resp: 134720

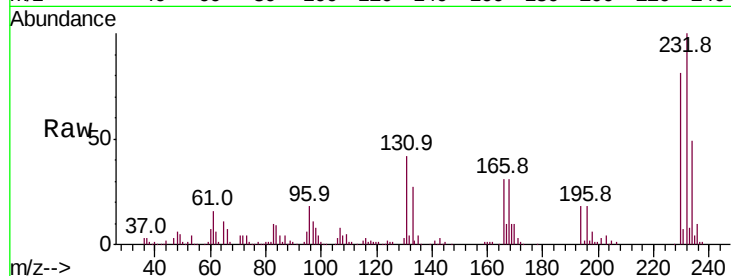
Ion Ratio Lower Upper

232 100

131 41.4 33.7 50.5

130 2.6 2.1 3.1

166 31.9 24.6 36.8

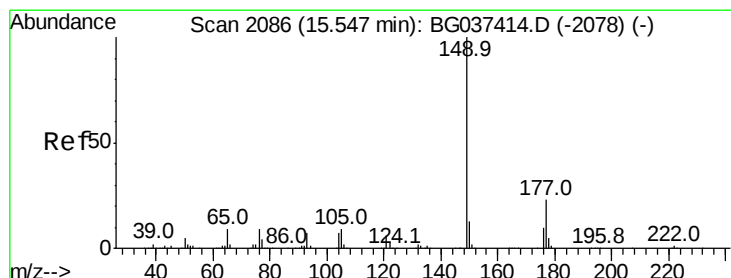
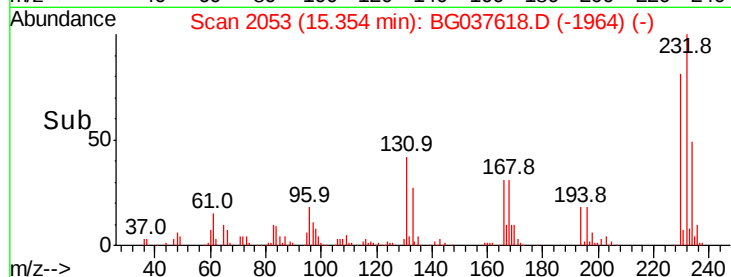
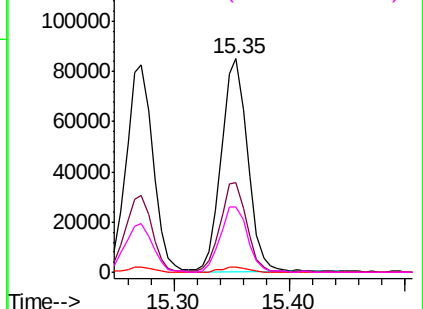


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.558 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

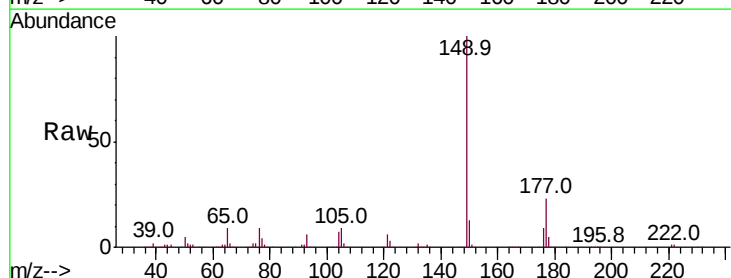
Tgt Ion:149 Resp: 509465

Ion Ratio Lower Upper

149 100

177 22.8 18.3 27.5

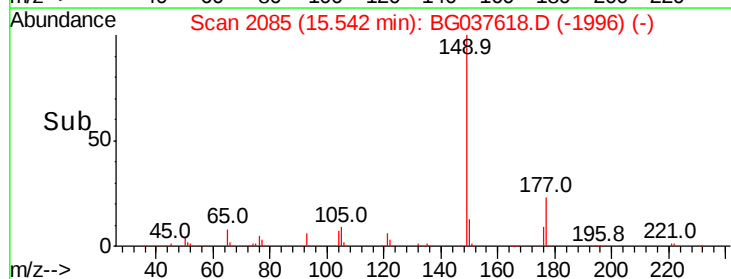
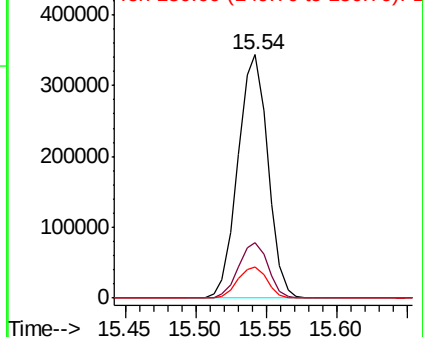
150 12.7 10.0 15.0

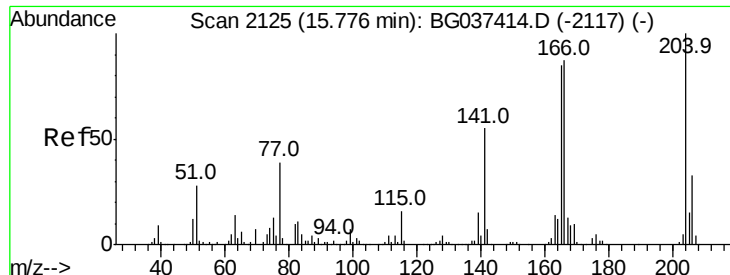


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

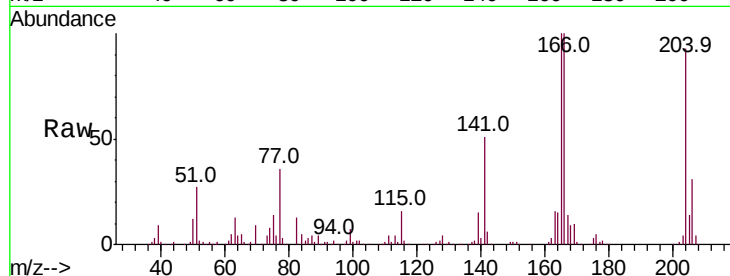




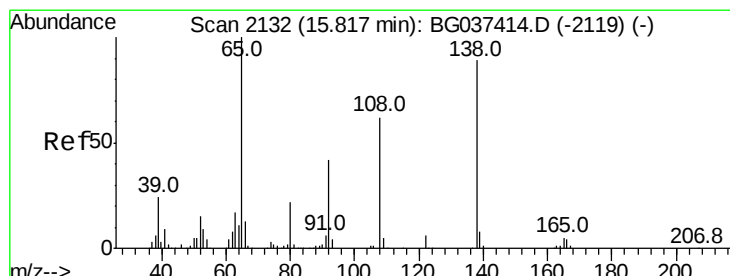
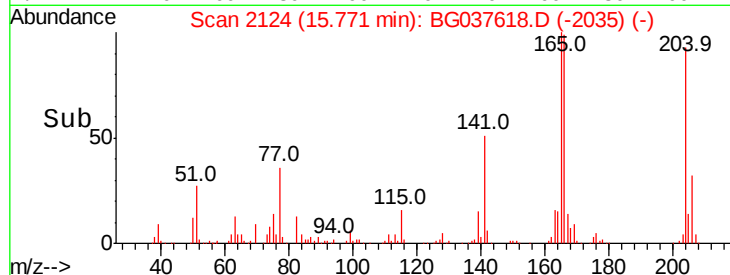
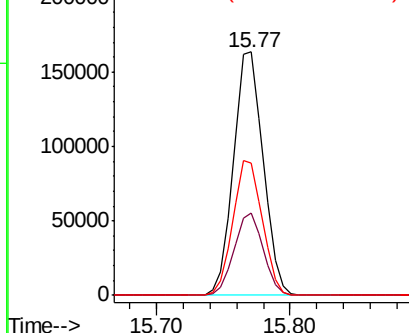
#61
4-Chlorophenyl-phenylether
Concen: 39.954 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:204 Resp: 252783
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 54.4 45.4 68.2

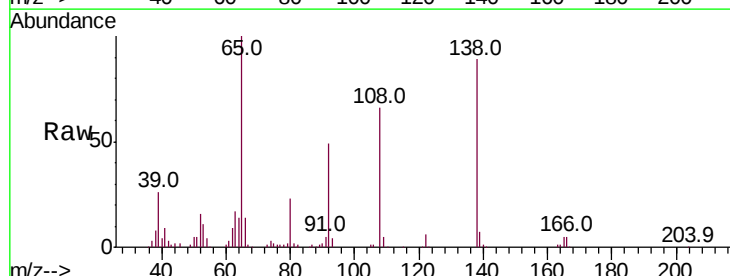


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

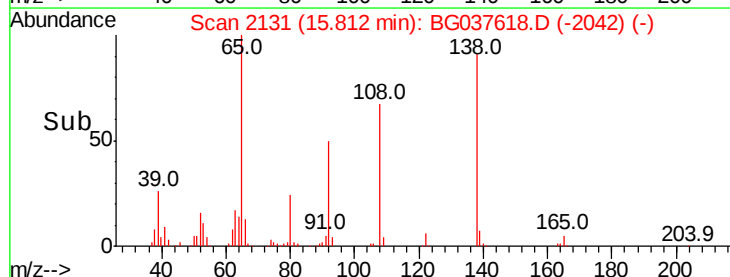
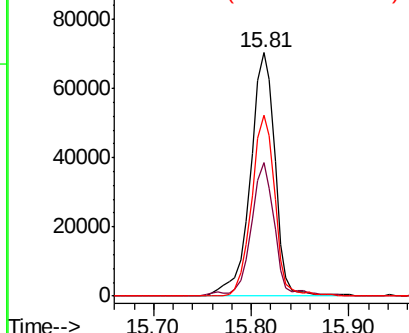


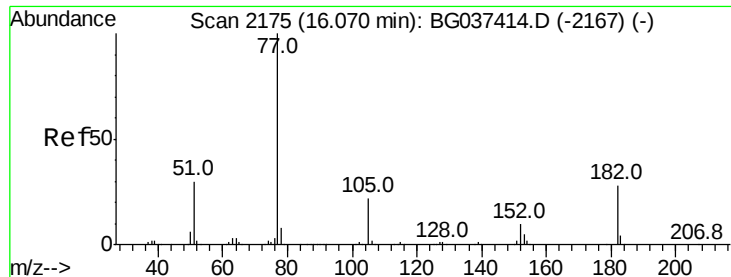
#62
4-Nitroaniline
Concen: 43.451 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:138 Resp: 123638
Ion Ratio Lower Upper
138 100
92 54.8 36.4 76.4
108 74.4 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: 42.501 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

Tot Ion: 77 Resp: 485429

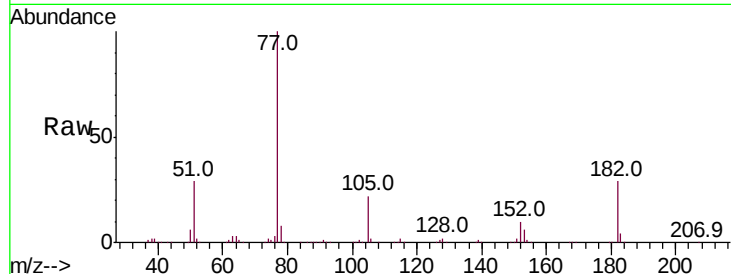
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.0	48.0
105	21.6	1.3	41.3
51	29.4	10.7	50.7

77 100

182 28.7 8.0 48.0

105 21.6 1.3 41.3

51 29.4 10.7 50.7

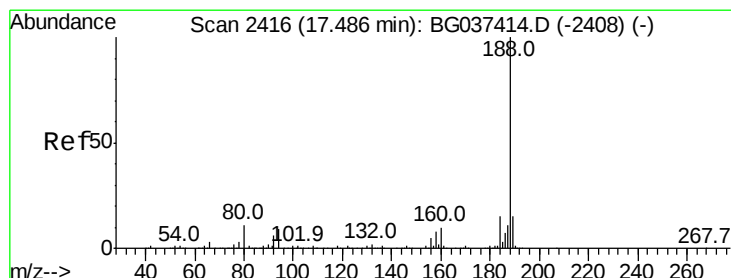
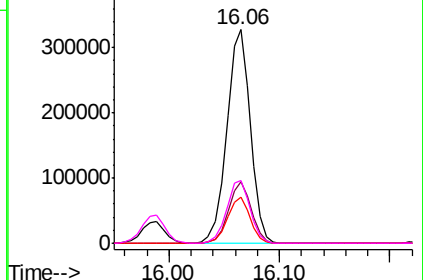
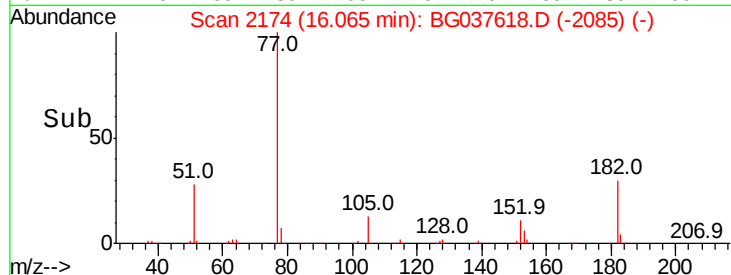


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

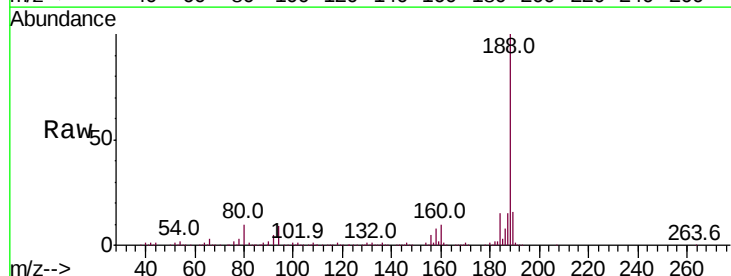
Tgt Ion: 188 Resp: 371367

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.2	7.7	11.5

188 100

94 9.4 7.2 10.8

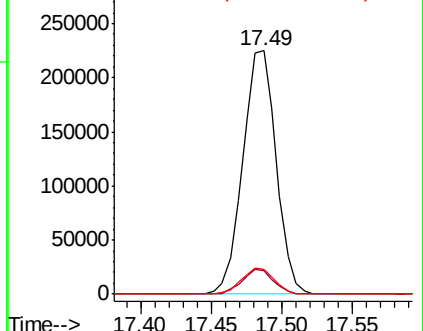
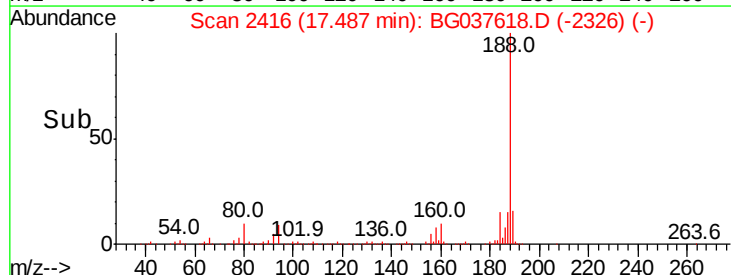
80 10.2 7.7 11.5

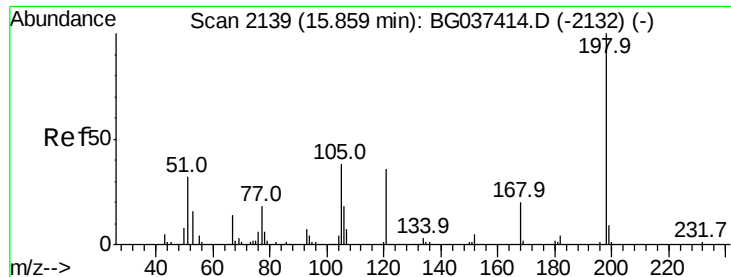


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

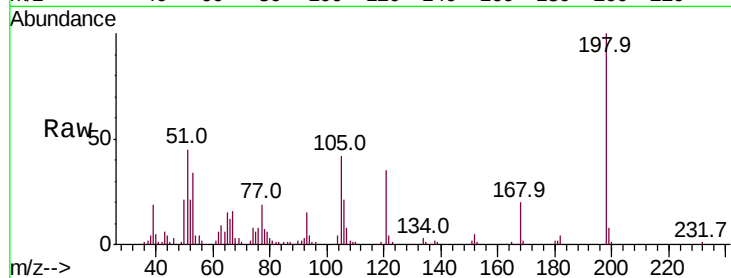




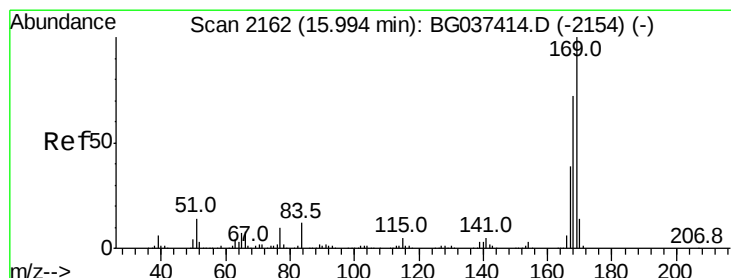
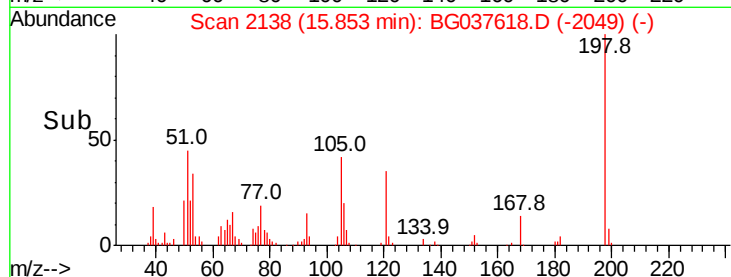
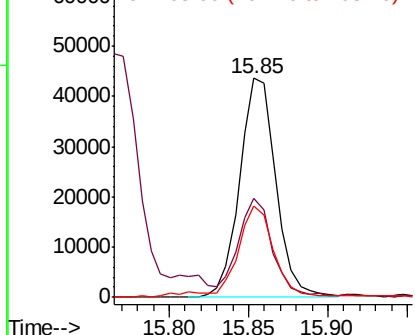
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.712 ng
 RT: 15.85 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion:198 Resp: 69174
 Ion Ratio Lower Upper
 198 100
 51 45.0 22.7 62.7
 105 41.5 19.7 59.7

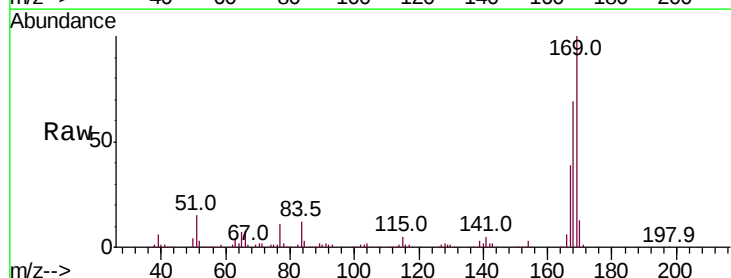


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

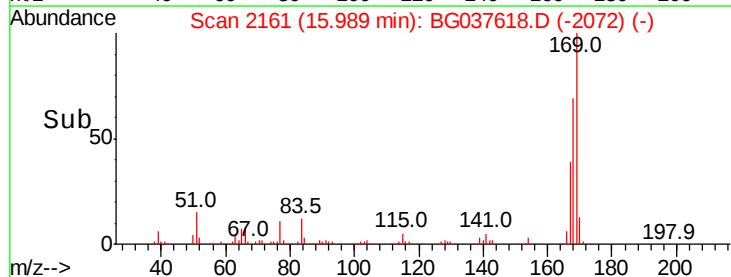
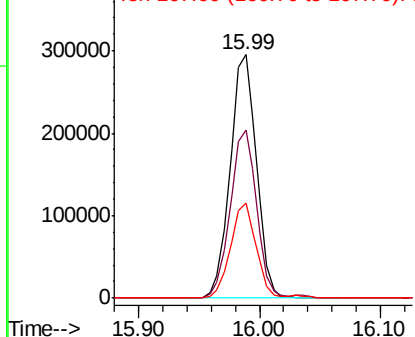


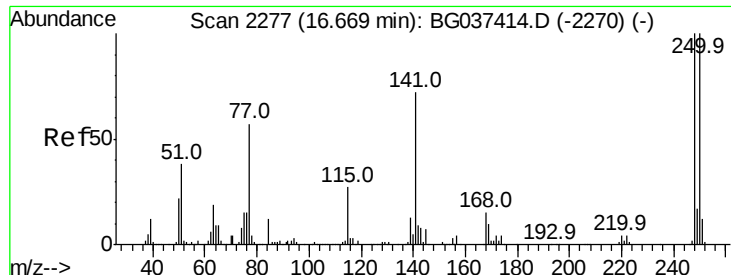
#66
 n-Nitrosodiphenylamine
 Concen: 40.070 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion:169 Resp: 447613
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.7 83.5
 167 39.3 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

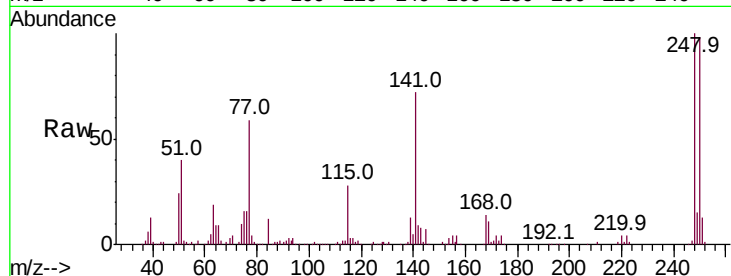




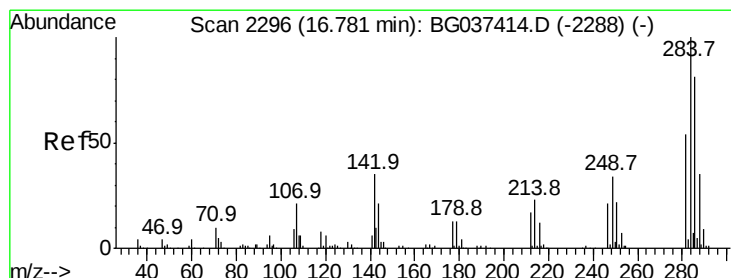
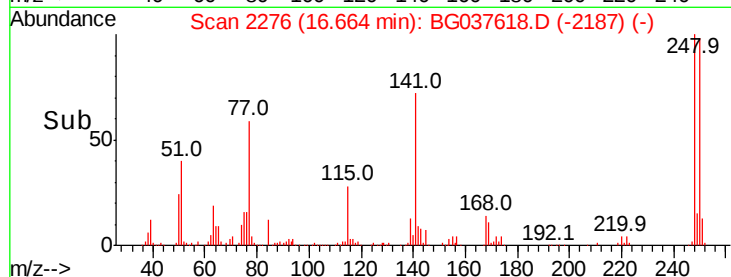
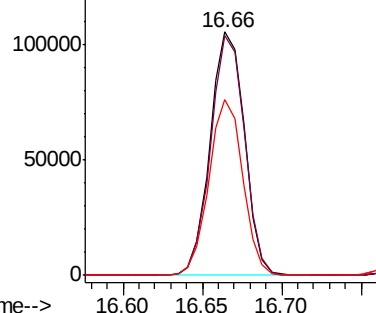
#67
 4-Bromophenyl-phenylether
 Concen: 38.615 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

Tot Ion:248 Resp: 157479
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.0 115.6
 141 72.2 55.5 83.3

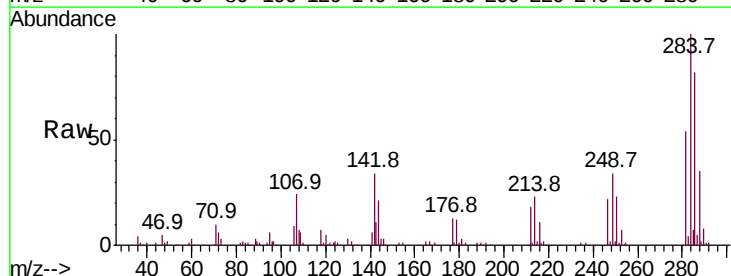


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

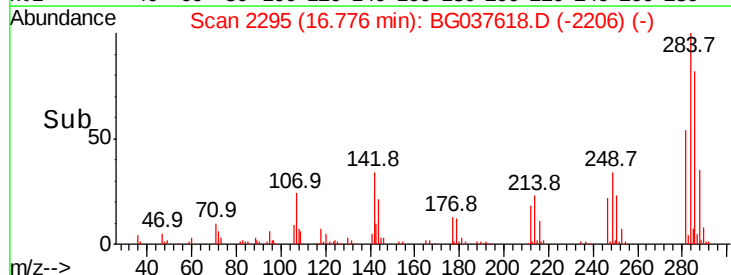
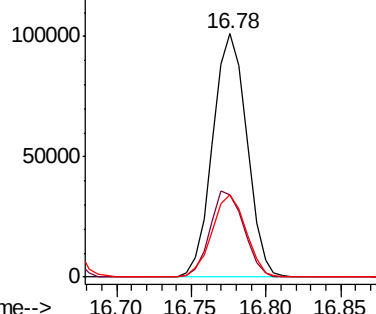


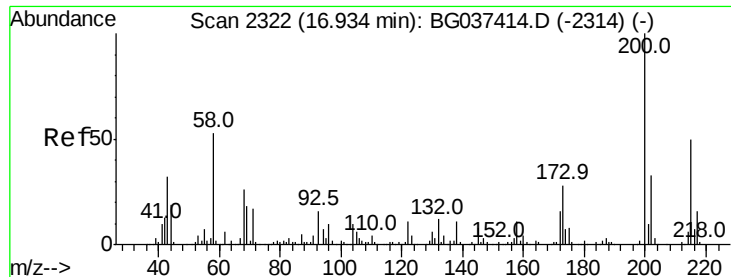
#68
 Hexachlorobenzene
 Concen: 37.906 ng
 RT: 16.78 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion:284 Resp: 160216
 Ion Ratio Lower Upper
 284 100
 142 34.0 28.1 42.1
 249 36.2 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



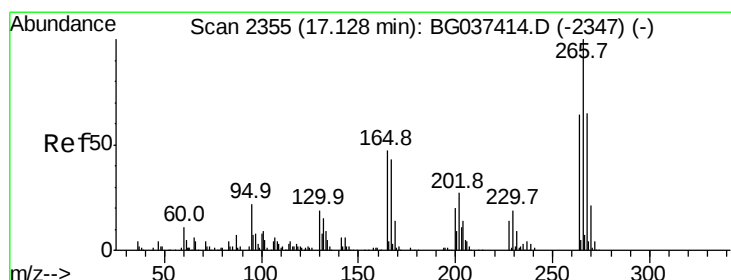
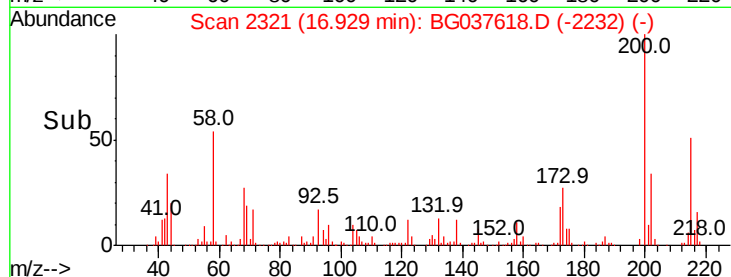
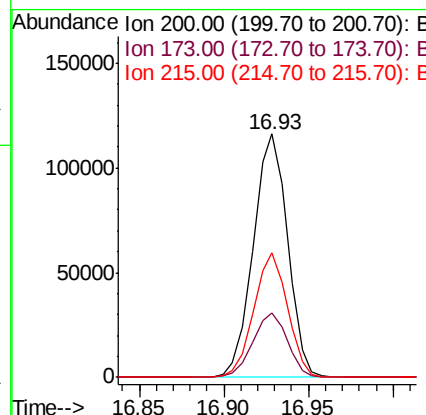
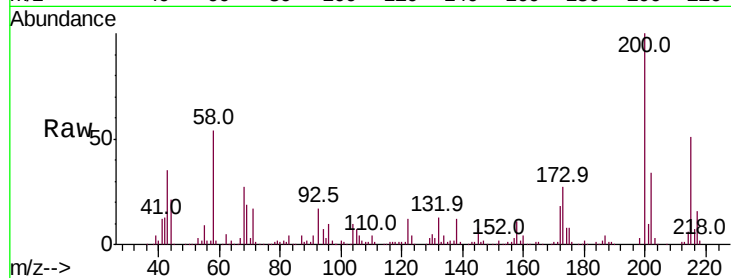


#69
Atrazine
Concen: 40.734 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion:200 Resp: 164518

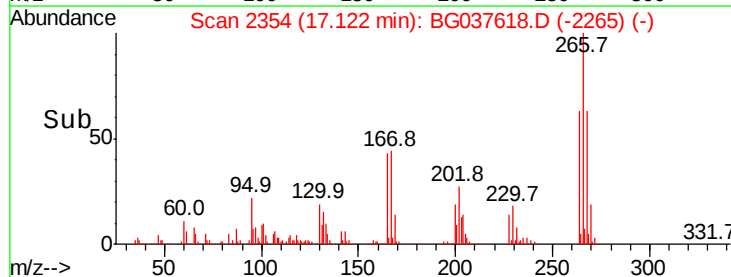
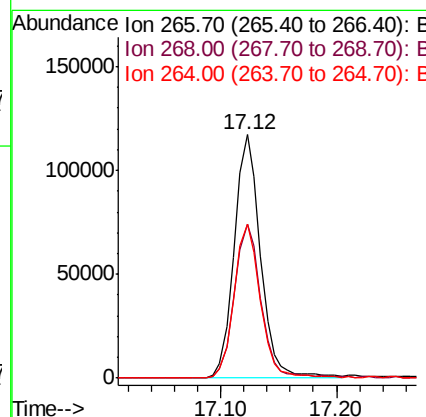
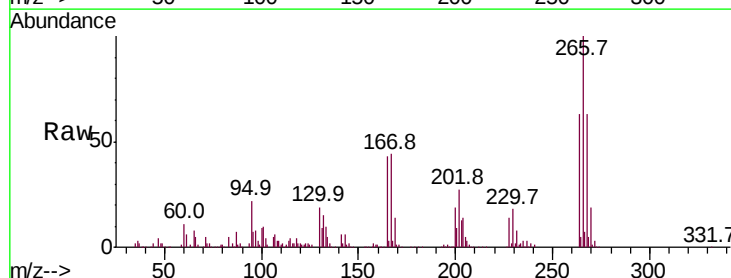
Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.1	46.1
215	51.3	30.8	70.8

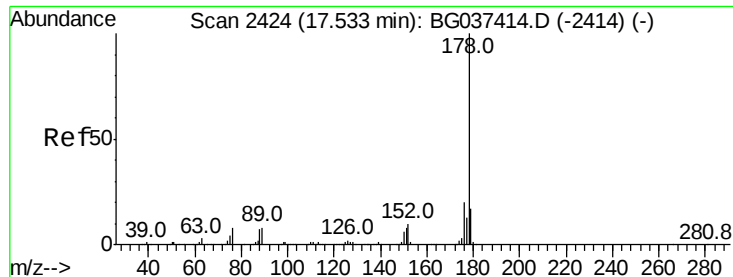


#70
Pentachlorophenol
Concen: 65.527 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:266 Resp: 185518

Ion	Ratio	Lower	Upper
266	100		
268	68.1	55.0	82.6
264	68.3	58.9	88.3

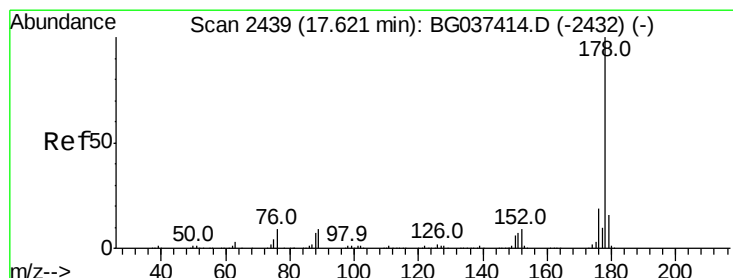
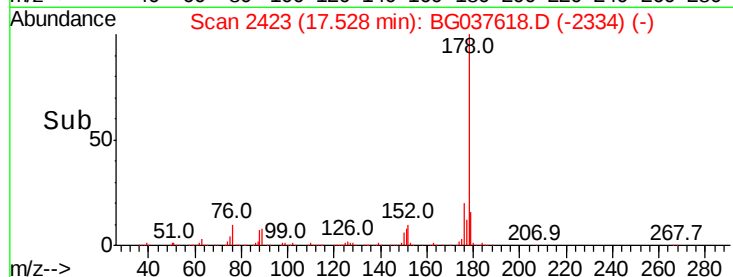
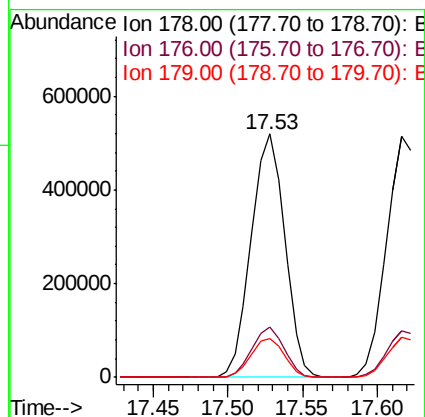
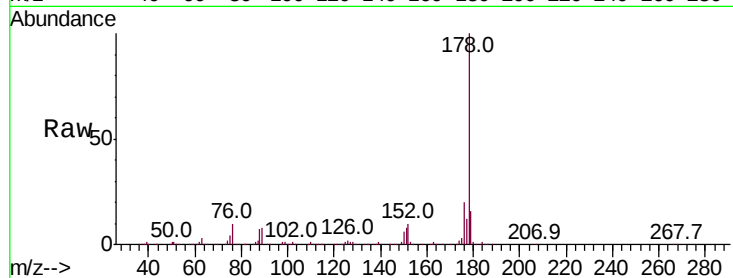




#71
Phenanthrene
Concen: 42.920 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

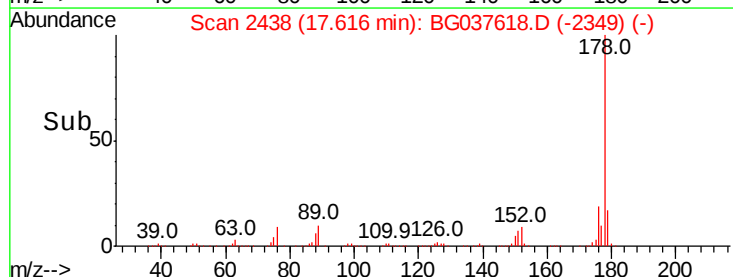
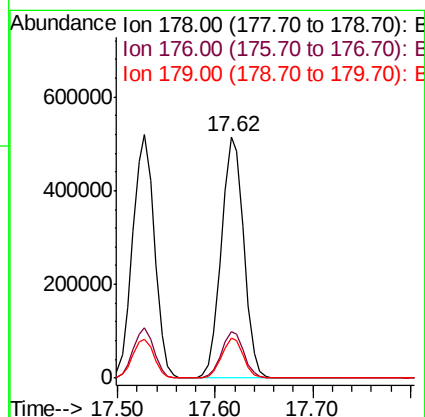
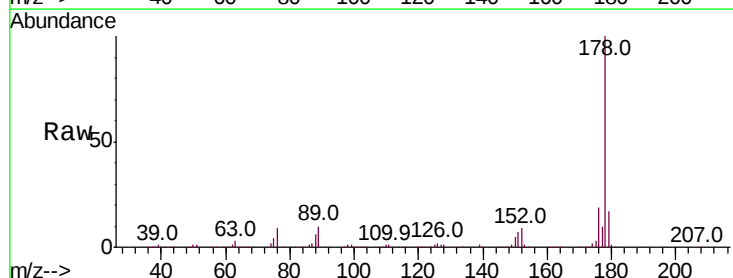
Instrument :
BNA_G
ClientSampleId :
PB114233BS

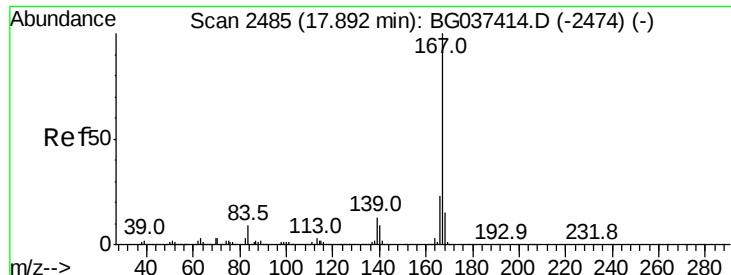
Tot Ion:178 Resp: 810082
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 44.269 ng
RT: 17.62 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:178 Resp: 819961
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.9 12.8 19.2

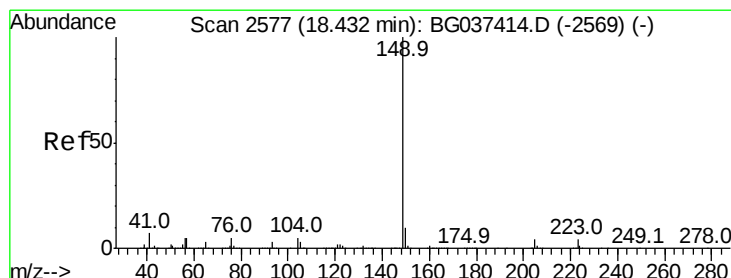
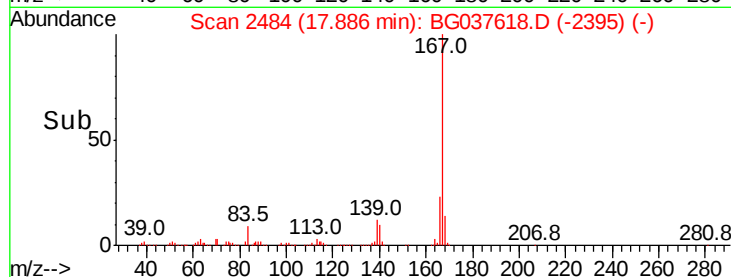
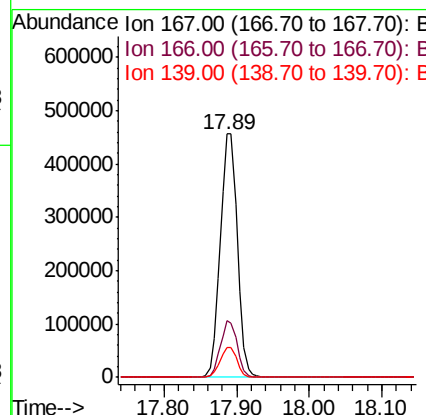
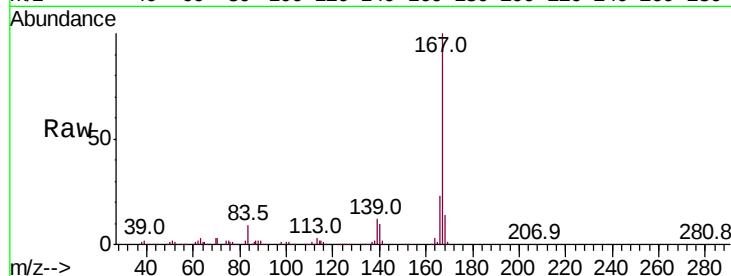




#73
 Carbazole
 Concen: 40.426 ng
 RT: 17.89 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

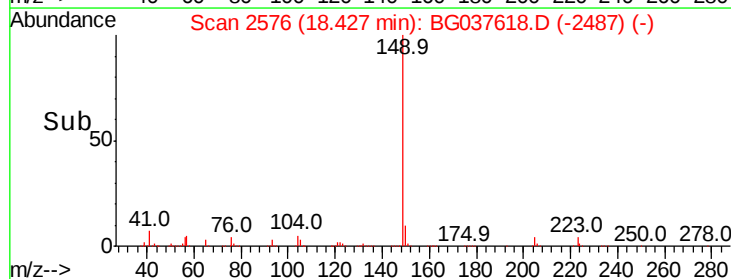
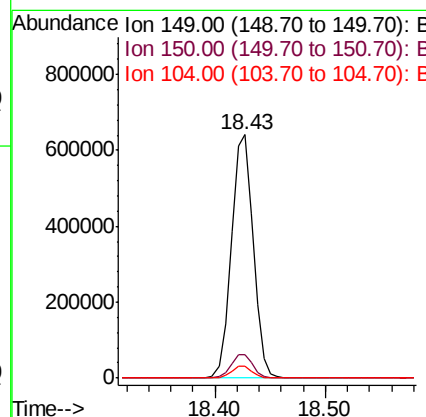
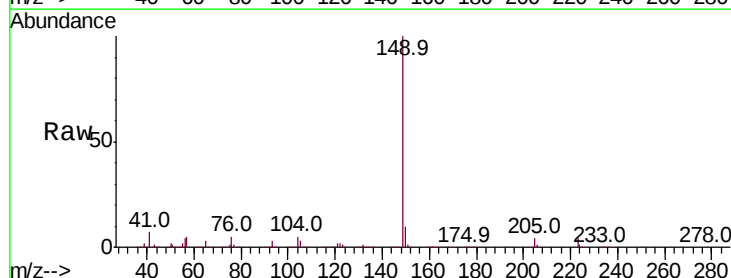
Instrument :
 BNA_G
 ClientSampleId :
 PB114233BS

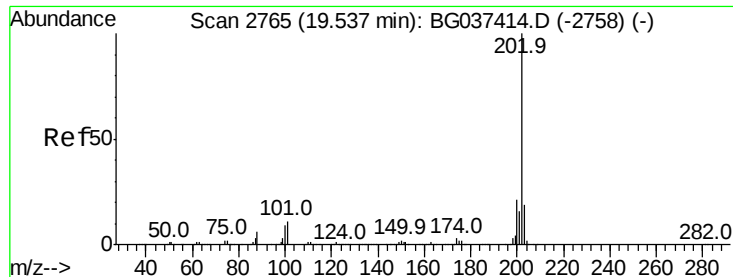
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	12.4	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 43.038 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037618.D
 Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 44.113 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

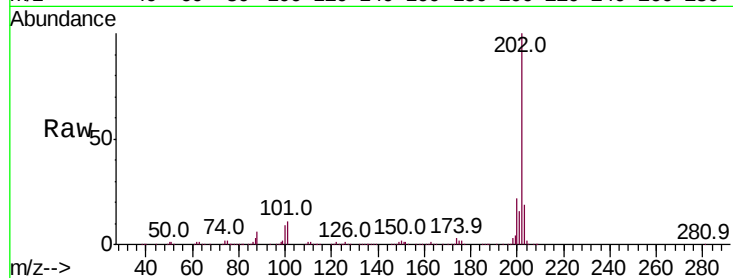
Tot Ion:202 Resp: 944323

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

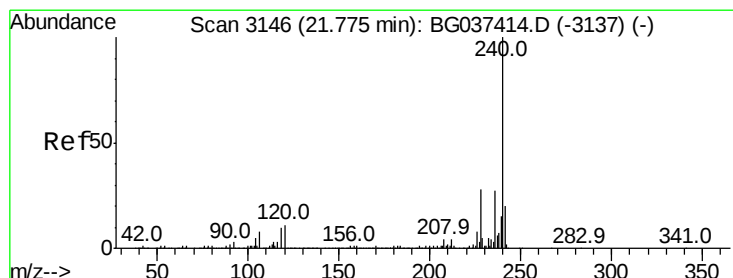
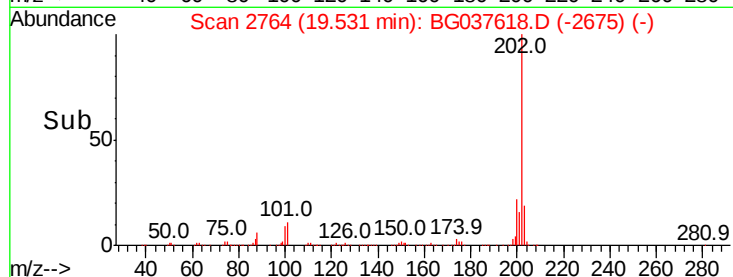
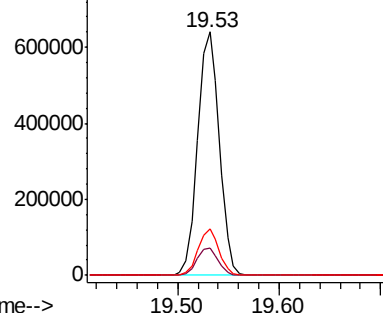
203 19.0 0.0 38.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

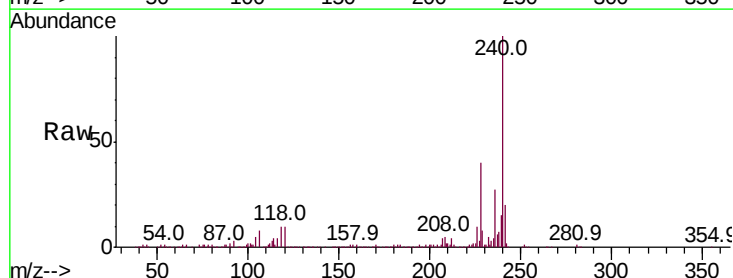
Tgt Ion:240 Resp: 338806

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

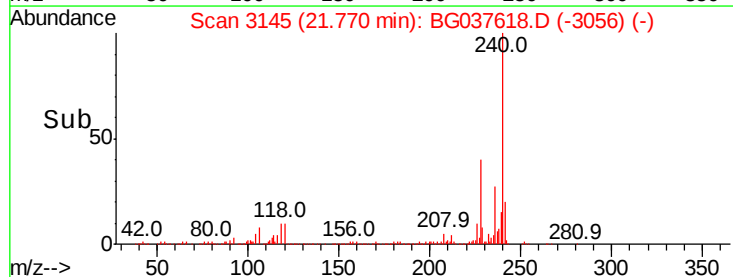
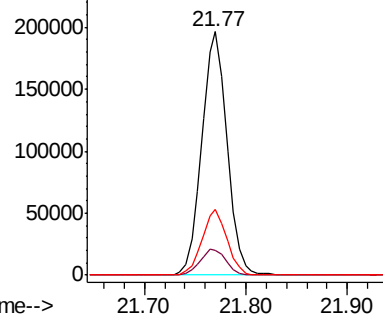
236 27.2 21.4 32.0



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: 32.304 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

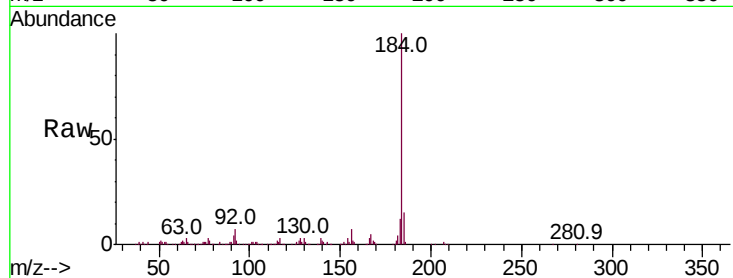
BNA_G

ClientSampleId :

PB114233BS

Tot Ion:184 Resp: 372156

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	12.1	10.2	15.2

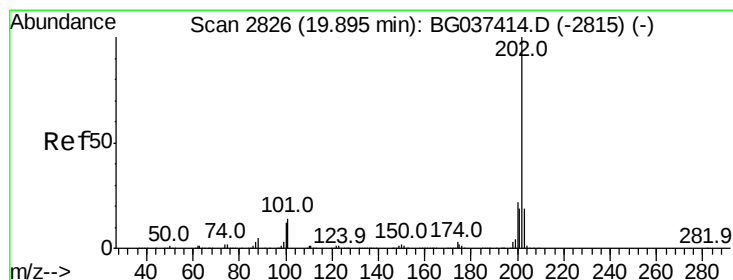
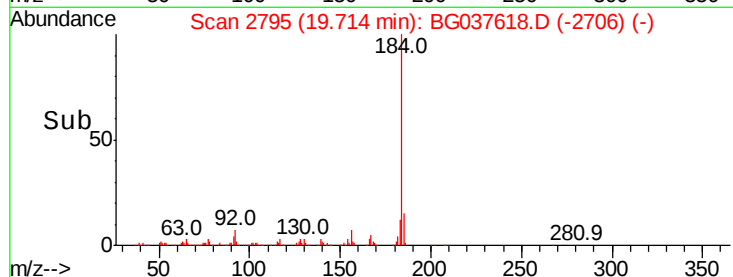
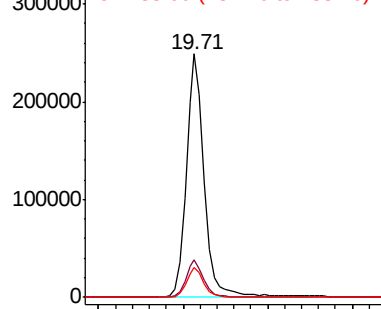


Abundance

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: 42.561 ng

RT: 19.90 min Scan# 2826

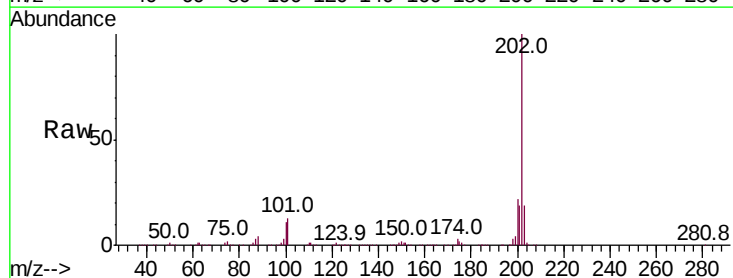
Delta R.T. 0.00 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Tgt Ion:202 Resp: 942662

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.7	15.2	22.8

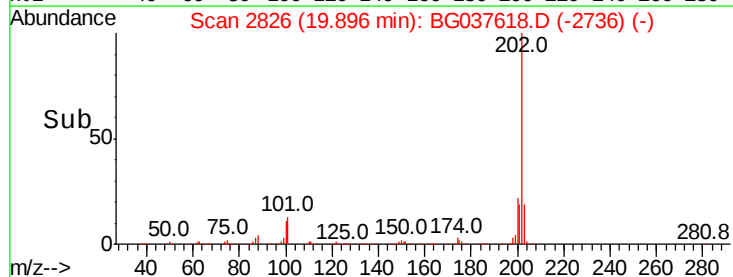
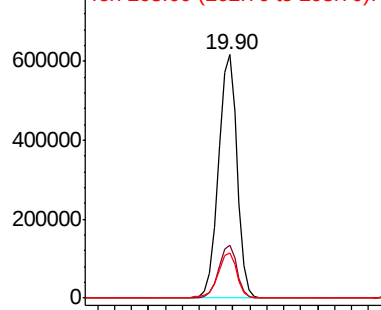


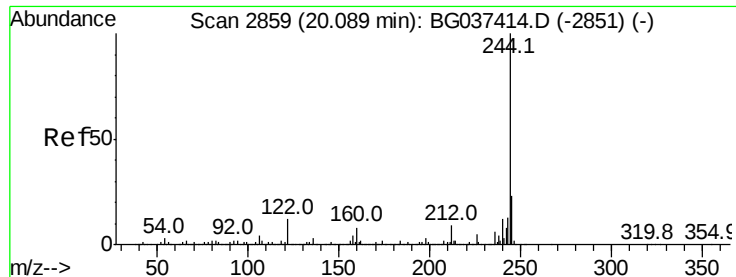
Abundance

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: 73.795 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

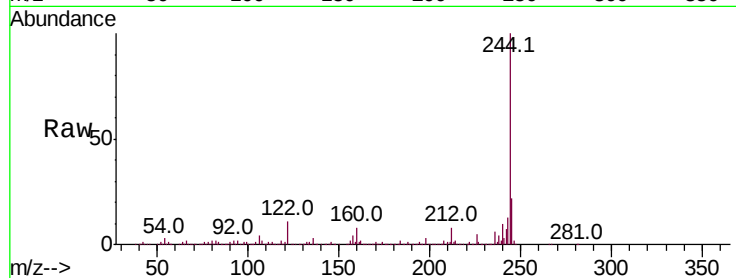
Tot Ion:244 Resp: 1170092

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

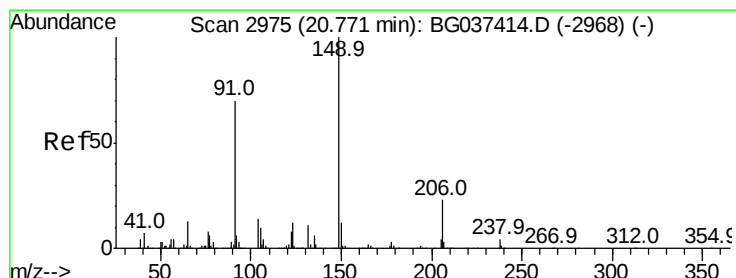
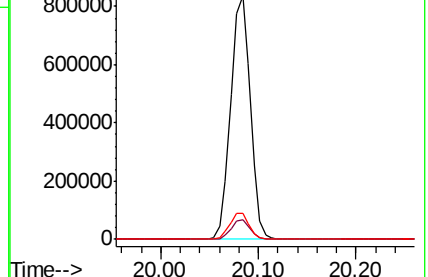
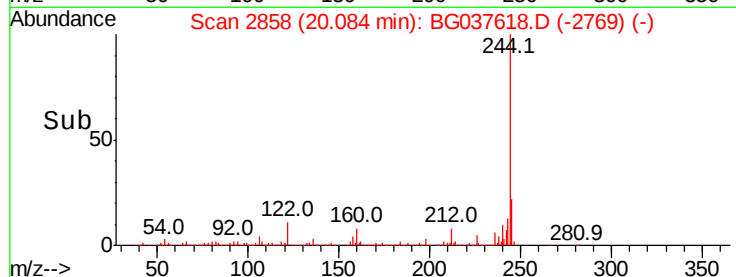
122 10.8 9.0 13.4



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: 44.174 ng

RT: 20.77 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

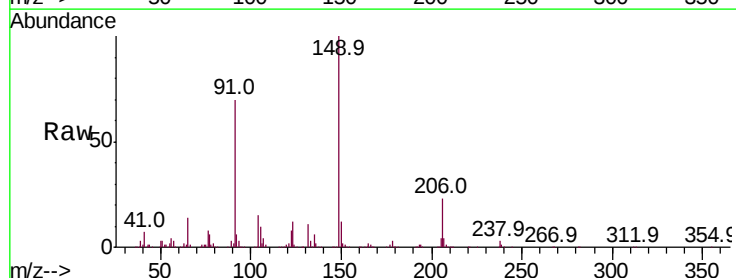
Tgt Ion:149 Resp: 400415

Ion Ratio Lower Upper

149 100

91 70.2 57.0 85.4

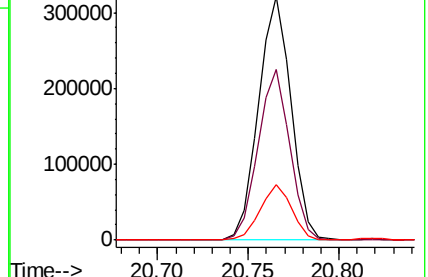
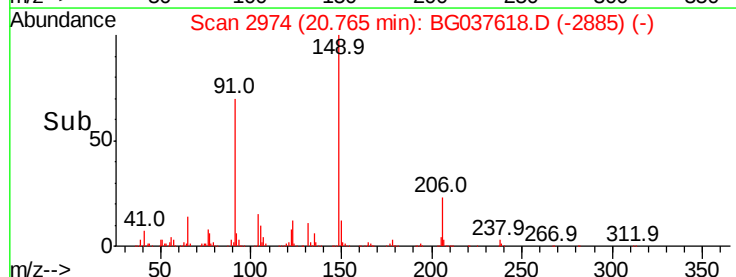
206 22.8 17.8 26.6

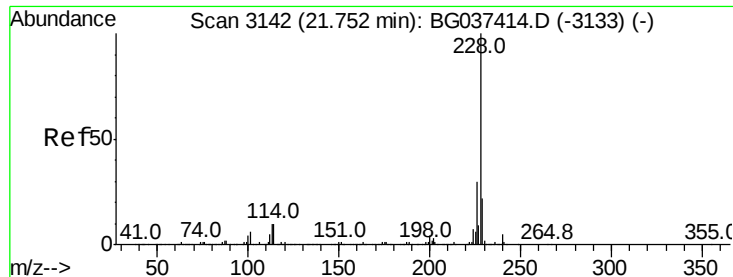


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.107 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

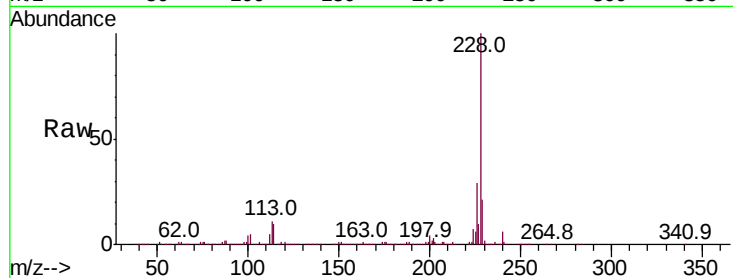
Tot Ion:228 Resp: 883908

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

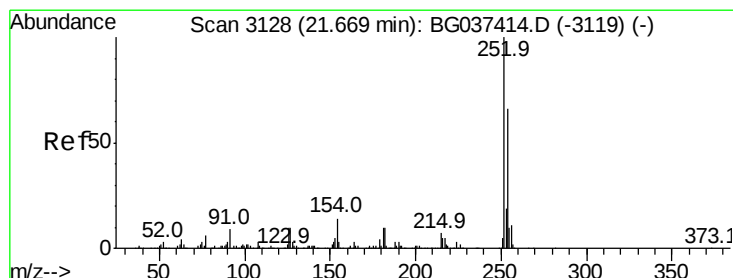
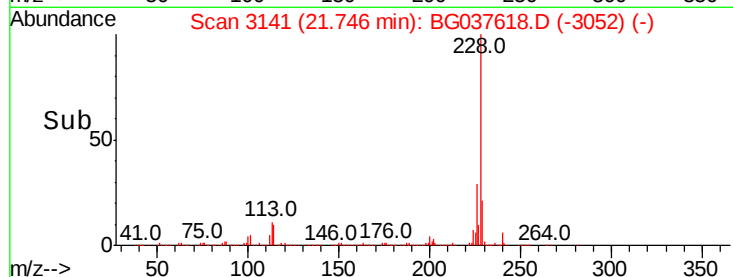
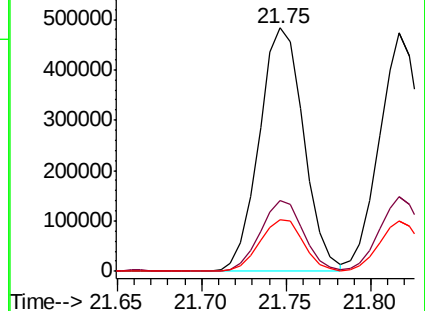
229 21.4 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 29.390 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

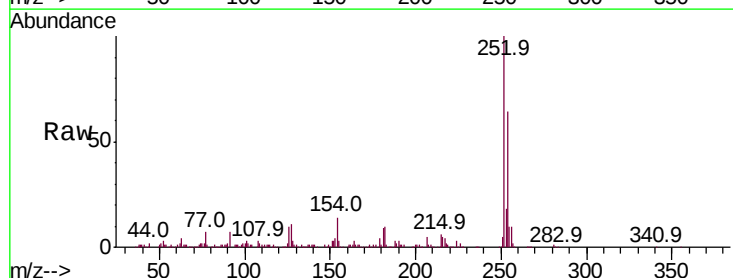
Tgt Ion:252 Resp: 228289

Ion Ratio Lower Upper

252 100

254 63.7 52.0 78.0

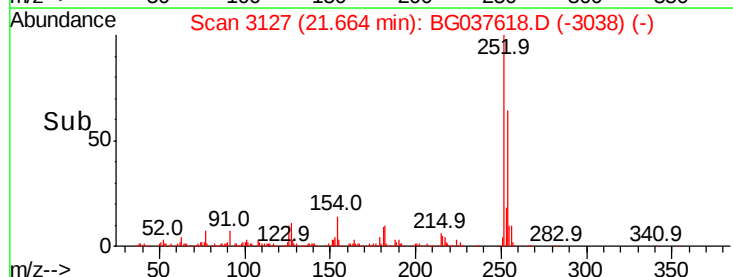
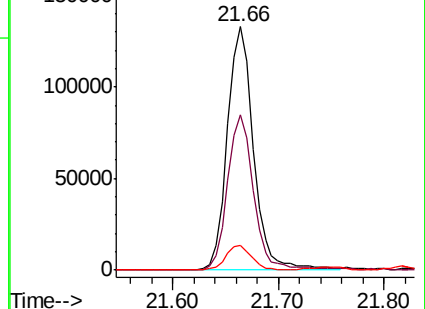
126 10.2 8.2 12.4

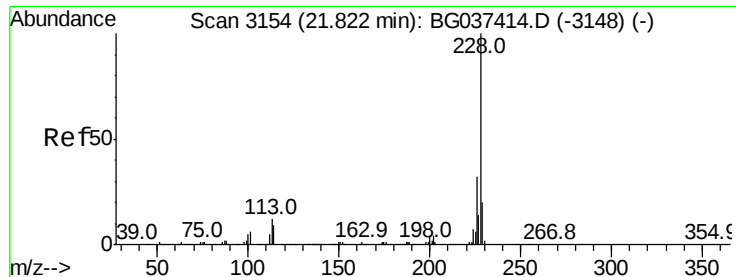


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.637 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

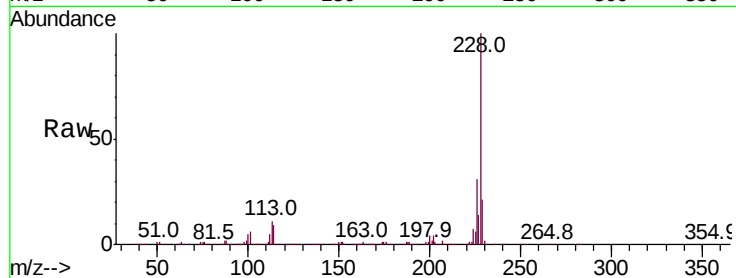
Tot Ion:228 Resp: 821617

Ion Ratio Lower Upper

228 100

226 31.1 25.7 38.5

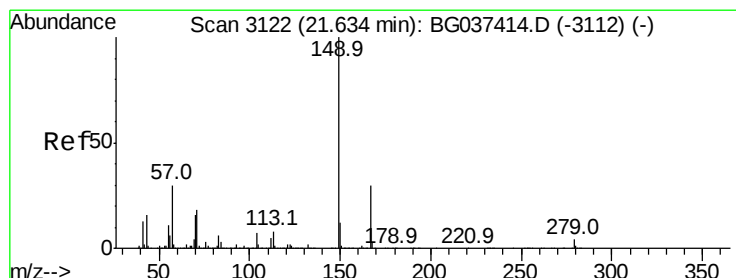
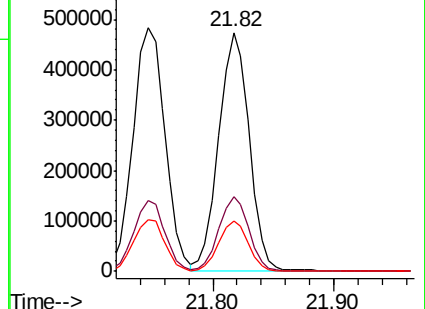
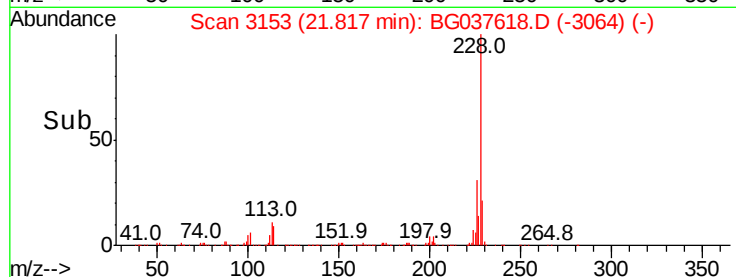
229 21.2 16.5 24.7



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: 44.129 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

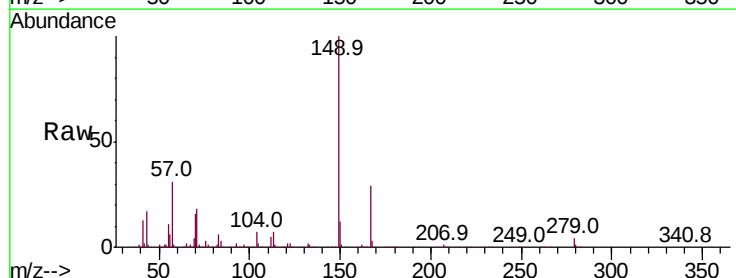
Tgt Ion:149 Resp: 560691

Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.4

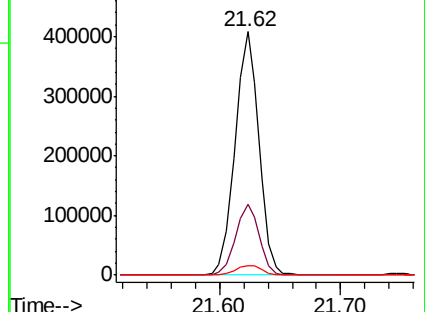
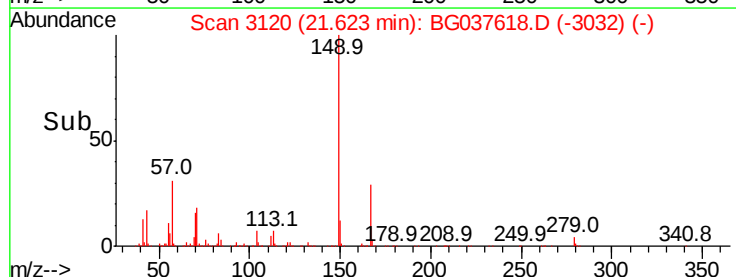
279 4.1 3.6 5.4

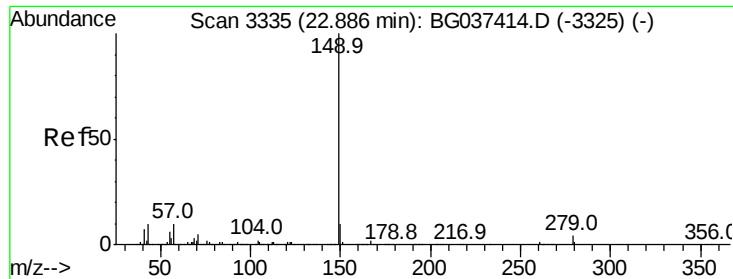


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.227 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

Instrument :

BNA_G

ClientSampleId :

PB114233BS

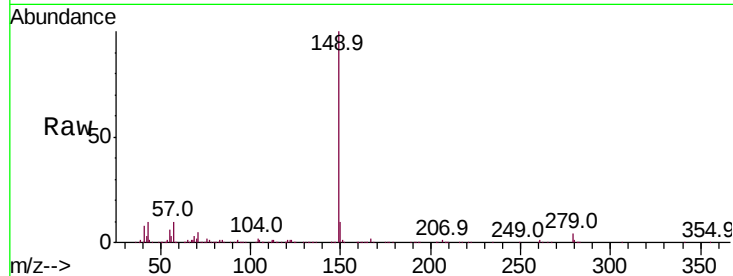
Tot Ion:149 Resp: 937037

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

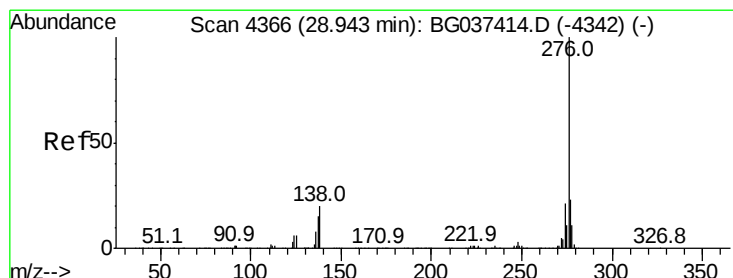
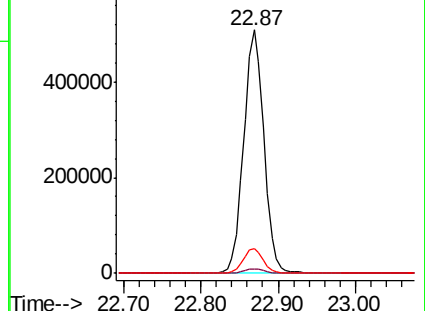
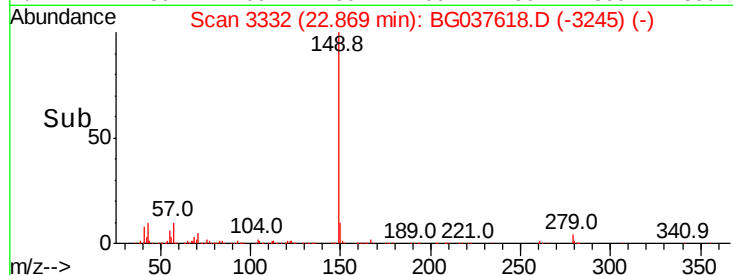
43 10.1 8.7 13.1



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: 40.461 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG037618.D

Acq: 29 Oct 2018 11:56

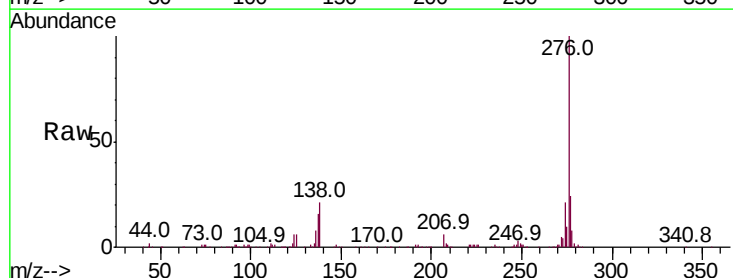
Tgt Ion:276 Resp: 836260

Ion Ratio Lower Upper

276 100

138 9.2 12.0 18.0#

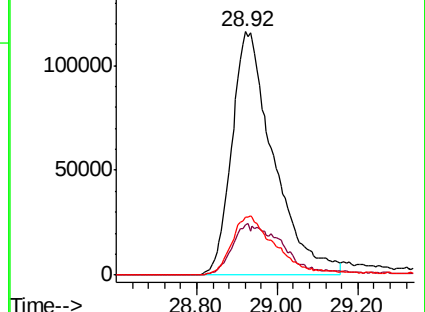
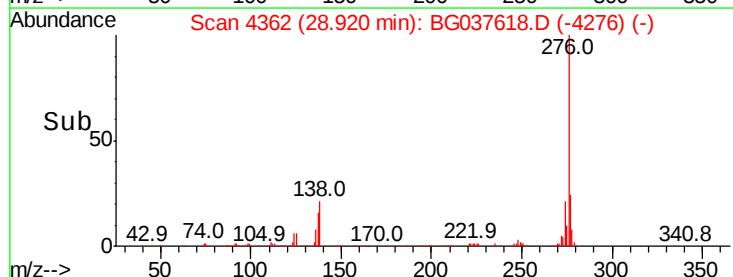
277 25.7 20.6 30.8



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

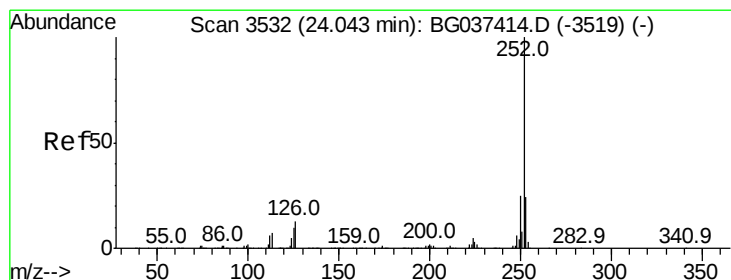
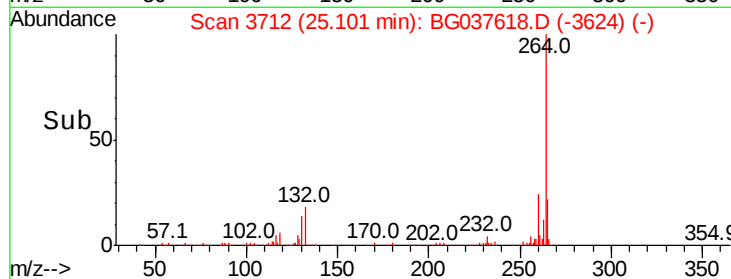
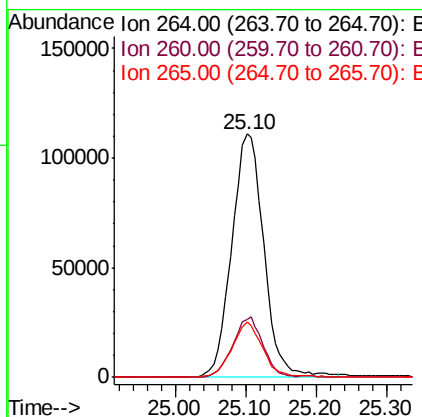
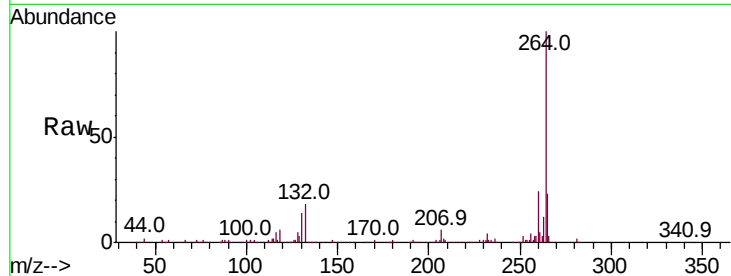




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

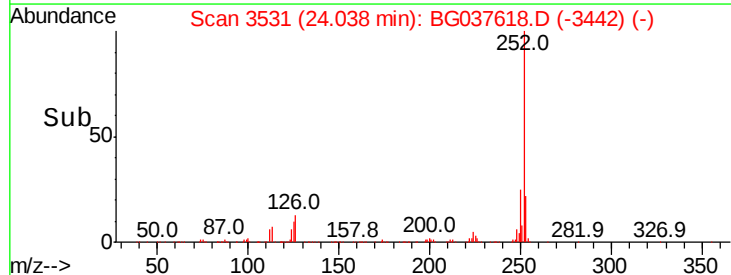
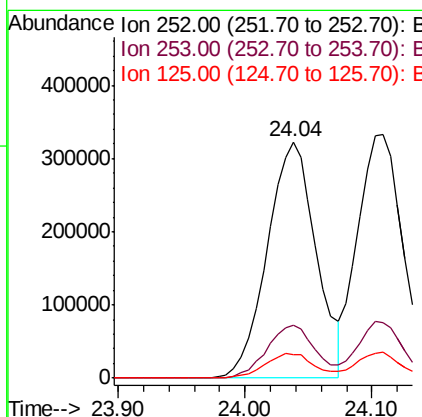
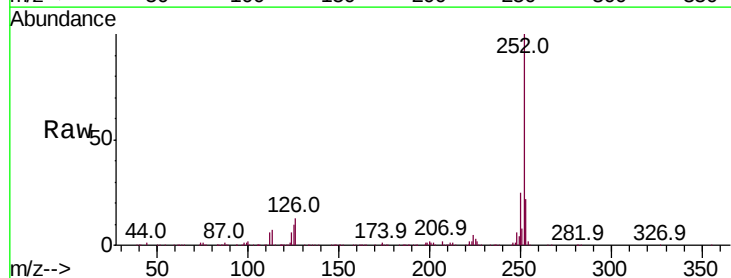
Instrument :
BNA_G
ClientSampleId :
PB114233BS

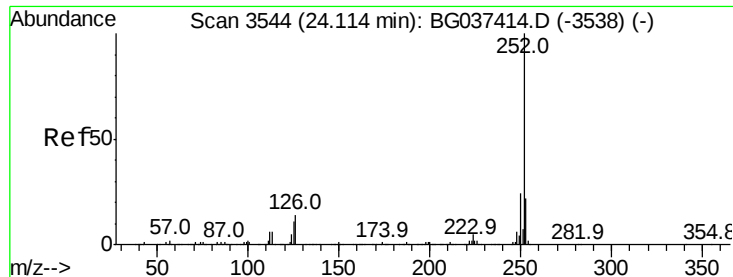
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.6	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 44.832 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.9	7.8	11.6

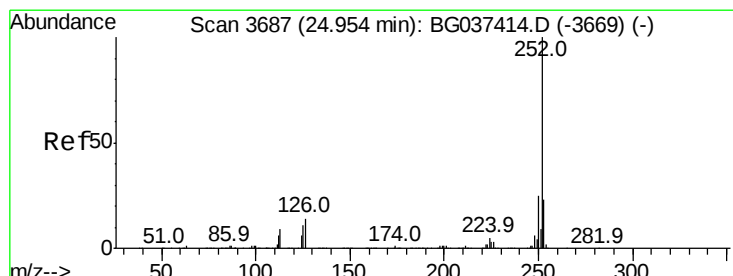
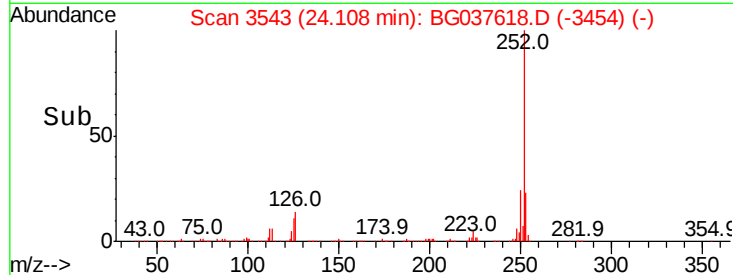
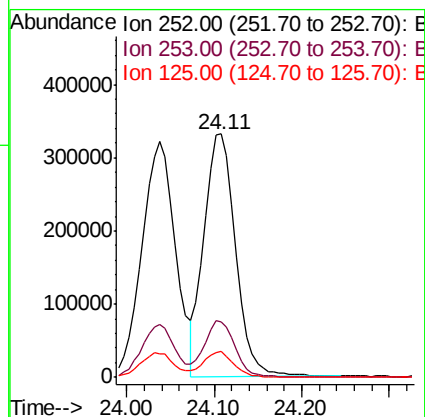
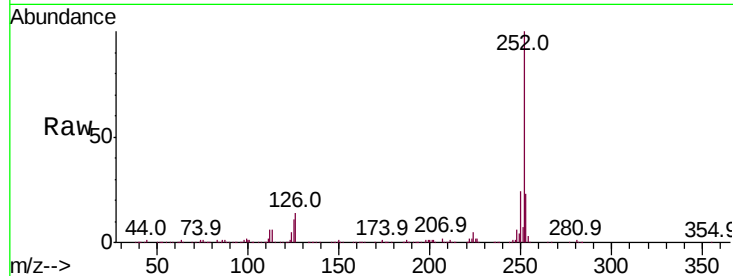




#89
Benzo(k)fluoranthene
Concen: 44.167 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

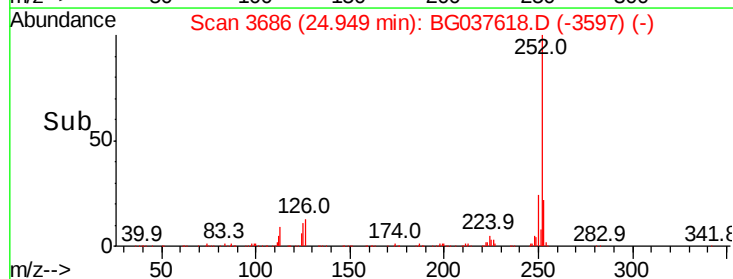
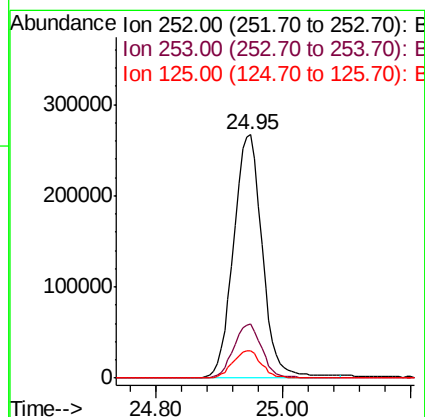
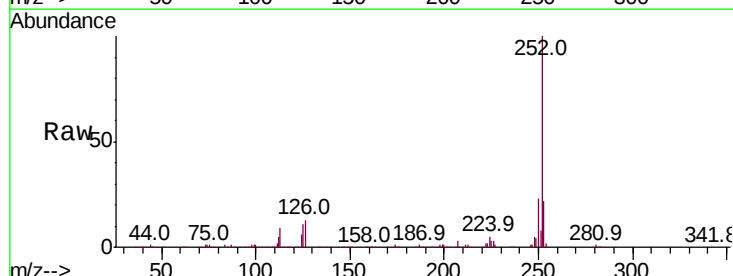
Instrument :
BNA_G
ClientSampleId :
PB114233BS

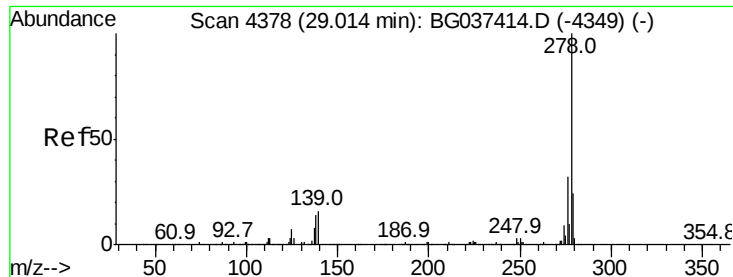
Tot Ion:252 Resp: 834011
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.547 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion:252 Resp: 834157
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.1 9.0 13.6

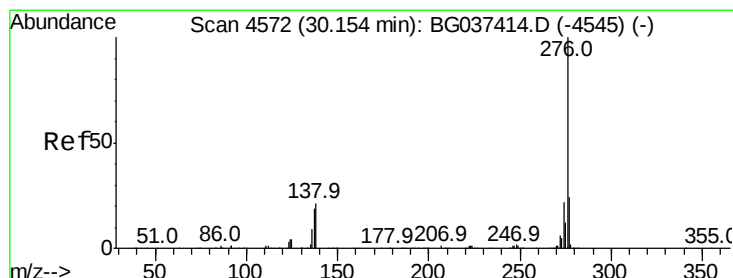
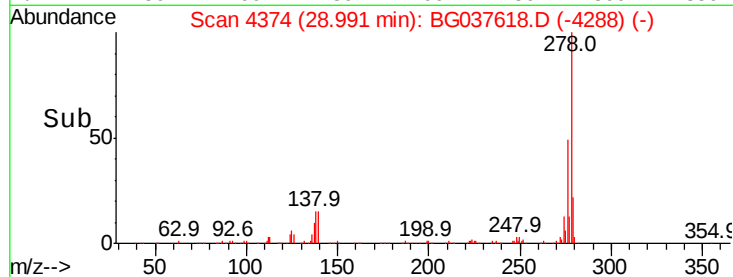
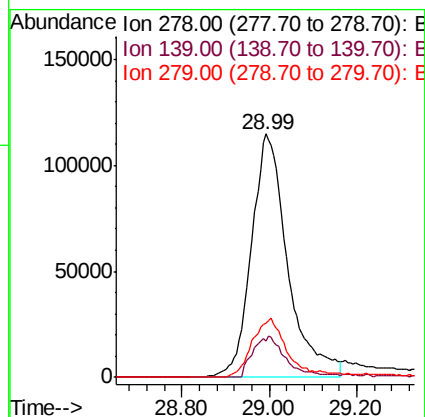
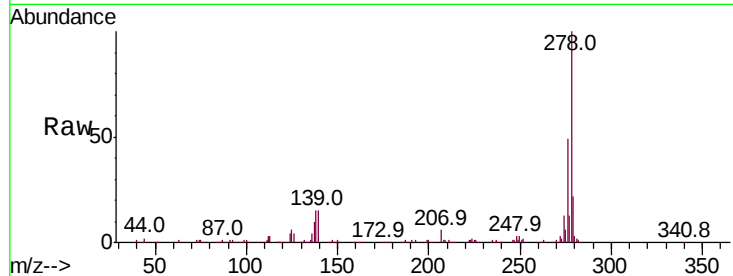




#91
Dibenzo(a,h)anthracene
Concen: 38.515 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Instrument :
BNA_G
ClientSampleId :
PB114233BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.5	17.3
279	22.3	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 38.659 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037618.D
Acq: 29 Oct 2018 11:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.1	17.2	25.8

