

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038231.D
 Acq On : 29 Nov 2018 12:27
 Operator : JU/SJ
 Sample : PB115120BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

Quant Time: Nov 29 13:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32225	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	145352	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	93146	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	210399	20.00	ng	0.00
76) Chrysene-d12	21.75	240	197669	20.00	ng	0.00
87) Perylene-d12	25.07	264	203755	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	145394	77.90	ng	0.00
7) Phenol-d6	7.23	99	202523	76.02	ng	0.00
23) Nitrobenzene-d5	9.26	82	183282	67.50	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	70168	66.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	421248	65.89	ng	-0.01
79) Terphenyl-d14	20.07	244	629870	74.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	21600	24.501	ng	# 91
3) Pyridine	3.92	79	61591	24.491	ng	91
4) n-Nitrosodimethylamine	3.84	42	36674	40.197	ng	96
6) Aniline	7.41	93	40874	11.887	ng	94
8) 2-Chlorophenol	7.64	128	79865	36.878	ng	98
9) Benzaldehyde	7.22	77	47709	24.762	ng	98
10) Phenol	7.26	94	104587	37.062	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	71785	31.159	ng	97
12) 1,3-Dichlorobenzene	7.97	146	76504	30.664	ng	97
13) 1,4-Dichlorobenzene	8.12	146	77792	30.867	ng	97
14) 1,2-Dichlorobenzene	8.44	146	75060	31.195	ng	99
15) Benzyl Alcohol	8.32	79	70684	36.666	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.60	45	152701	35.695	ng	98
17) 2-Methylphenol	8.52	107	71483	37.467	ng	96
18) Hexachloroethane	9.16	117	28862	31.467	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	59967	31.107	ng	97
20) 3+4-Methylphenols	8.84	107	95678	35.376	ng	95
22) Acetophenone	8.91	105	115974	32.069	ng	# 98
24) Nitrobenzene	9.30	77	92510	33.305	ng	99
25) Isophorone	9.82	82	169727	34.728	ng	99
26) 2-Nitrophenol	10.01	139	43492	31.364	ng	# 89
27) 2,4-Dimethylphenol	10.05	122	80618	38.586	ng	94
28) bis(2-Chloroethoxy)methane	10.30	93	101498	32.478	ng	98
29) 2,4-Dichlorophenol	10.55	162	82806	35.236	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	80748	30.663	ng	95
31) Naphthalene	10.95	128	241863	33.831	ng	99
32) Benzoic acid	10.16	122	27770	27.672	ng	97
33) 4-Chloroaniline	11.07	127	32580	9.797	ng	# 94
34) Hexachlorobutadiene	11.22	225	47484	29.297	ng	89
35) Caprolactam	11.85	113	28267	30.051	ng	# 88
36) 4-Chloro-3-methylphenol	12.17	107	88957	34.648	ng	99
37) 2-Methylnaphthalene	12.55	142	181268	35.299	ng	99
38) 1-Methylnaphthalene	12.77	142	171371	34.669	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	93170	29.934	ng	99

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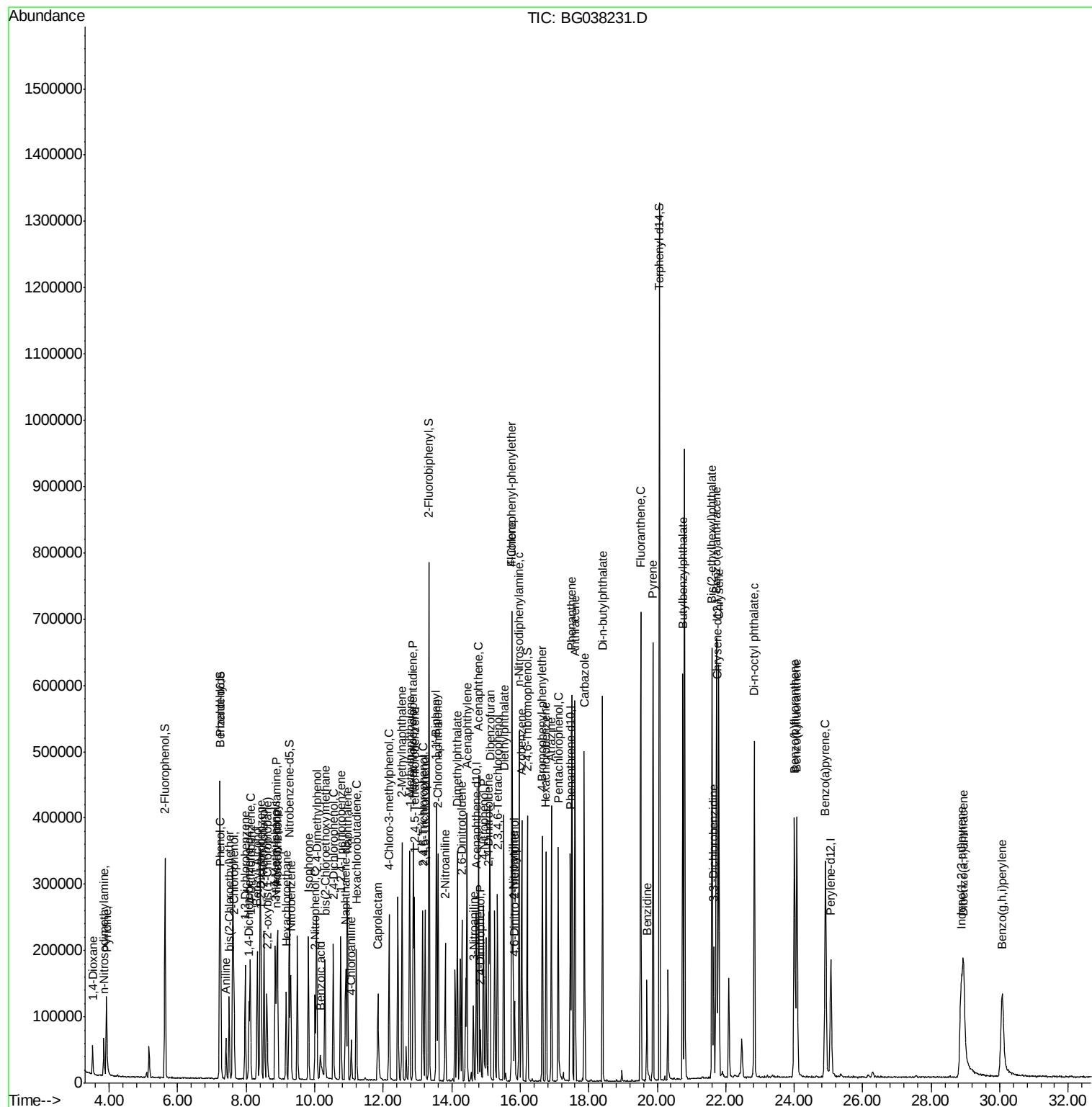
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	106807	64.084	nq	95
43) 2,4,6-Trichlorophenol	13.15	196	66524	31.365	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	72440	32.460	nq	99
46) 1,1'-Biphenyl	13.55	154	232896	29.762	nq	99
47) 2-Chloronaphthalene	13.60	162	183890	30.795	nq	98
48) 2-Nitroaniline	13.81	65	64080	34.097	nq	97
49) Acenaphthylene	14.45	152	303073	33.751	nq	98
50) Dimethylphthalate	14.16	163	235059	31.832	nq	99
51) 2,6-Dinitrotoluene	14.30	165	53965	32.290	nq	96
52) Acenaphthene	14.78	154	173899	32.168	nq	96
53) 3-Nitroaniline	14.63	138	30706	16.650	nq	# 94
54) 2,4-Dinitrophenol	14.83	184	22613	31.445	nq	95
55) Dibenzofuran	15.12	168	283007	31.660	nq	97
56) 4-Nitrophenol	14.93	139	81246	57.121	nq	94
57) 2,4-Dinitrotoluene	15.08	165	76044	33.442	nq	97
58) Fluorene	15.76	166	225335	33.786	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.34	232	62910	33.689	nq	96
60) Diethylphthalate	15.52	149	245541	31.306	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	119348	30.582	nq	97
62) 4-Nitroaniline	15.80	138	56965	31.094	nq	92
63) Azobenzene	16.04	77	234812	33.483	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	30051	22.582	nq	94
66) n-Nitrosodiphenylamine	15.97	169	207422	32.587	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	75088	32.515	nq	97
68) Hexachlorobenzene	16.76	284	77429	32.483	nq	97
69) Atrazine	16.91	200	77637	33.087	nq	98
70) Pentachlorophenol	17.11	266	75312	46.520	nq	96
71) Phenanthrene	17.51	178	379464	35.226	nq	99
72) Anthracene	17.60	178	389054	36.639	nq	98
73) Carbazole	17.87	167	348770	32.738	nq	100
74) Di-n-butylphthalate	18.41	149	426418	35.657	nq	98
75) Fluoranthene	19.52	202	454041	36.943	nq	98
77) Benzidine	19.70	184	98634	14.220	nq	98
78) Pyrene	19.88	202	452201	34.990	nq	97
80) Butylbenzylphthalate	20.75	149	194356	34.389	nq	100
81) Benzo(a)anthracene	21.73	228	426204	35.680	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	78343	16.837	nq	96
83) Chrysene	21.80	228	395061	34.566	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	273707	33.959	nq	98
85) Di-n-octyl phthalate	22.84	149	463030	35.510	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	403093	31.756	nq	# 95
88) Benzo(b)fluoranthene	24.01	252	406754	36.276	nq	99
89) Benzo(k)fluoranthene	24.08	252	404631	36.571	nq	98
90) Benzo(a)pyrene	24.91	252	398244	37.164	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	322144	31.244	nq	100
92) Benzo(g,h,i)perylene	30.08	276	325782	31.778	nq	98

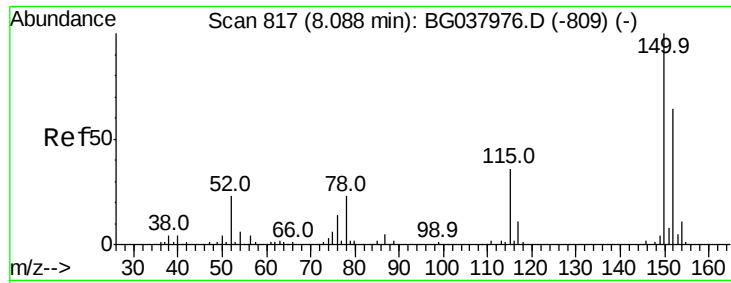
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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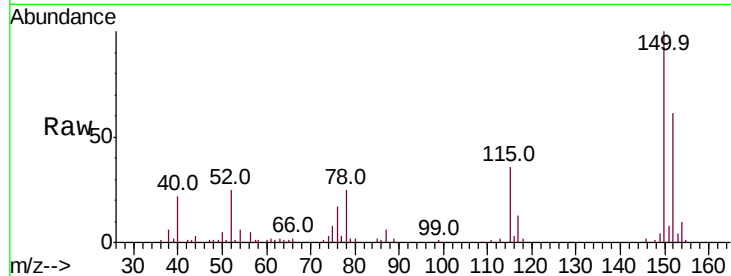


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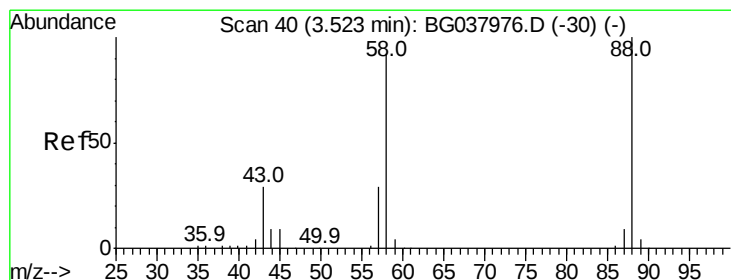
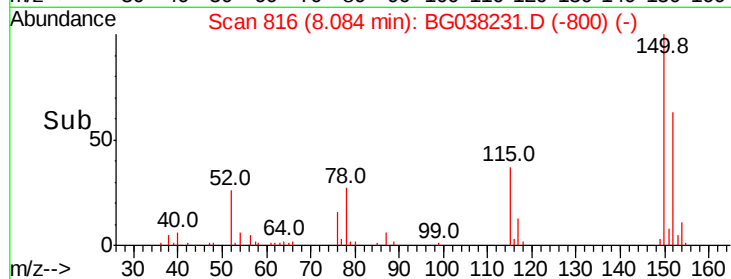
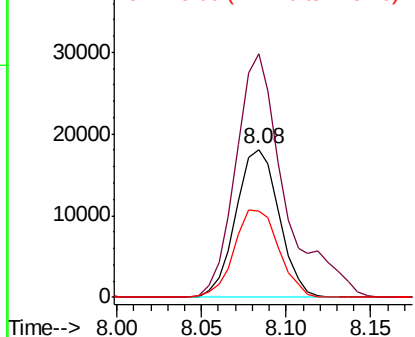
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion:152 Resp: 32225
Ion Ratio Lower Upper
152 100
150 164.5 126.0 189.0
115 58.5 45.5 68.3



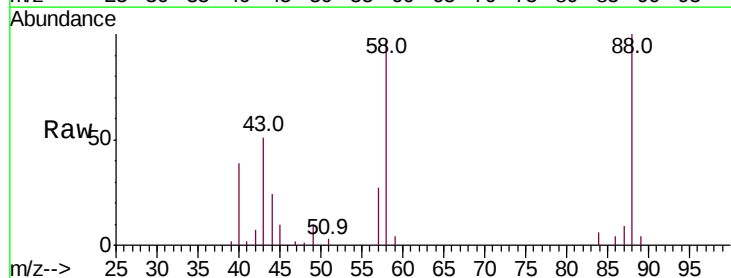
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



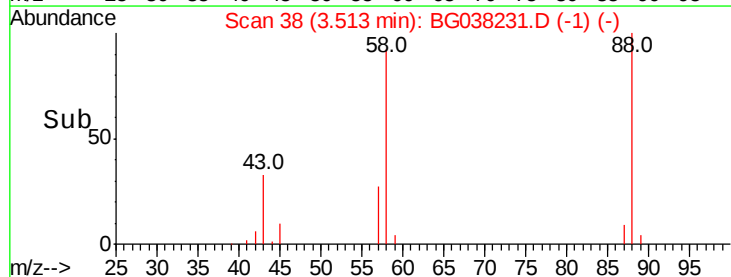
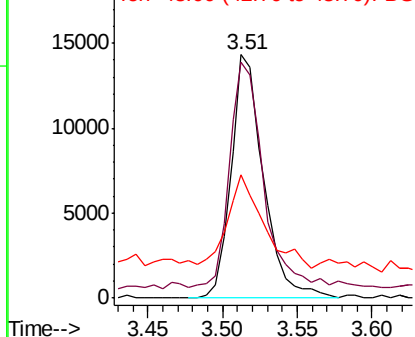
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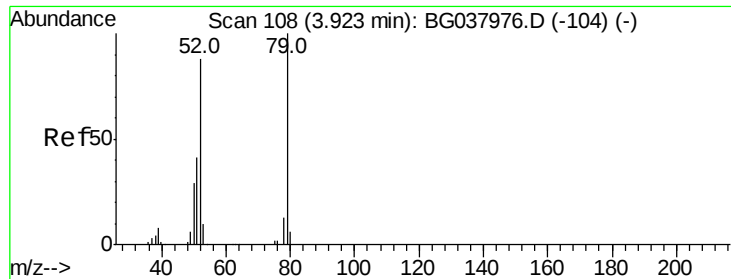
1,4-Dioxane
Concen: 24.501 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion: 88 Resp: 21600
Ion Ratio Lower Upper
88 100
58 98.1 74.4 111.6
43 43.6 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: 24.491 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

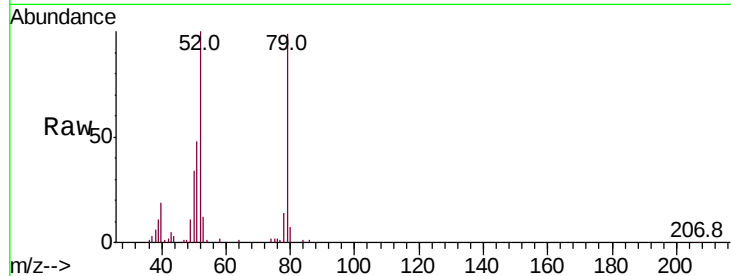
Tot Ion: 79 Resp: 61591

Ion Ratio Lower Upper

79 100

52 101.4 74.2 111.2

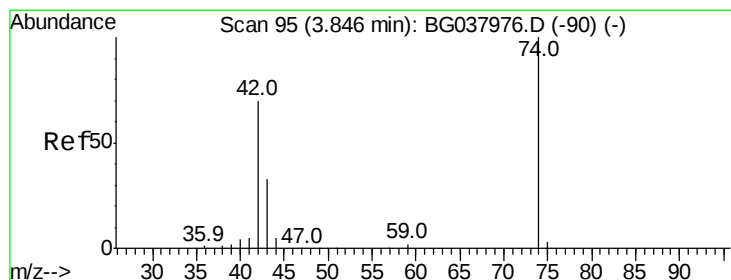
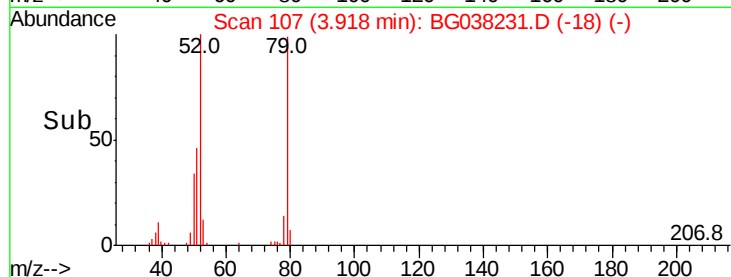
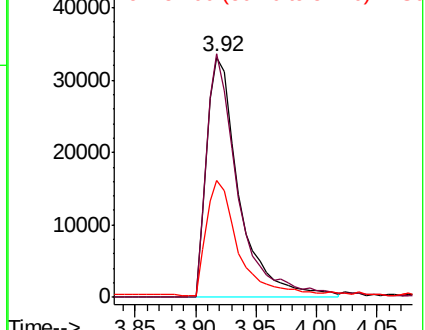
51 48.7 34.6 51.8



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: 40.197 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

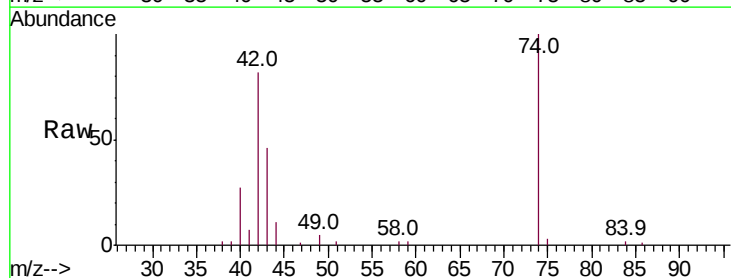
Tgt Ion: 42 Resp: 36674

Ion Ratio Lower Upper

42 100

74 122.3 102.0 153.0

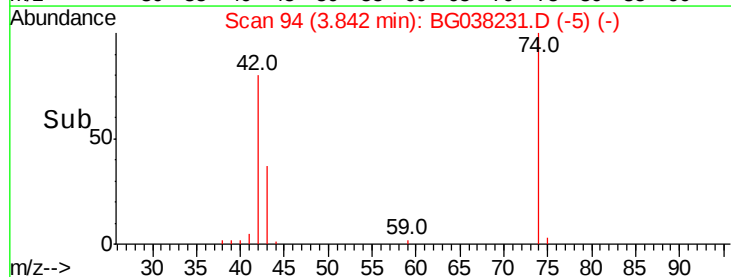
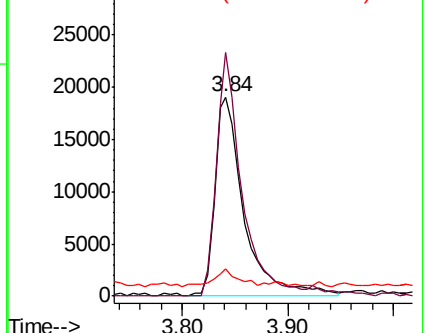
44 13.4 9.6 14.4

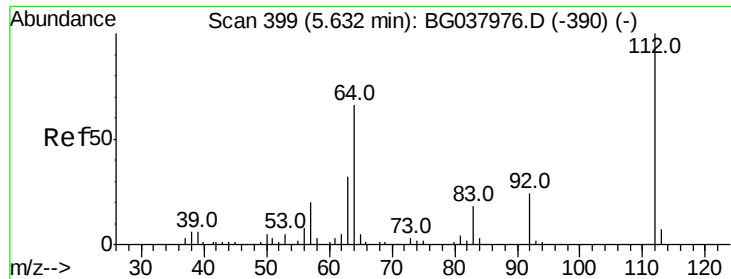


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 77.900 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

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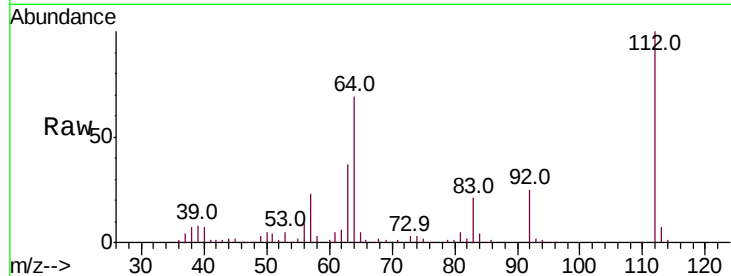
Tot Ion:112 Resp: 145394

Ion Ratio Lower Upper

112 100

64 68.7 53.1 79.7

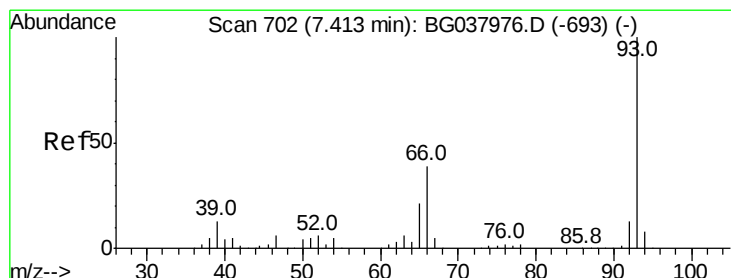
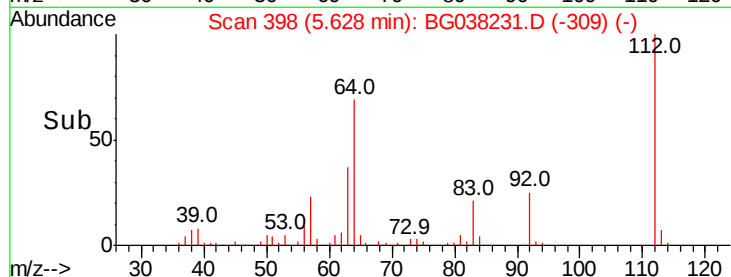
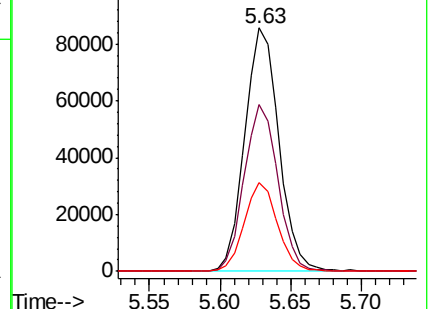
63 36.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.887 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

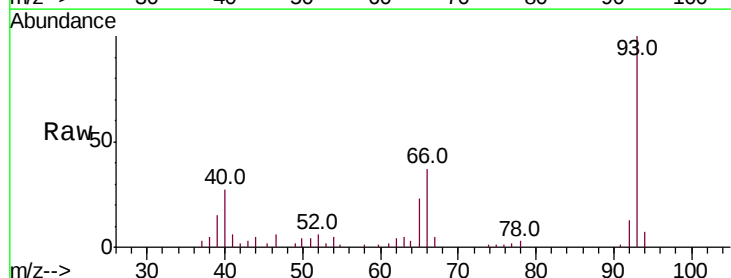
Tgt Ion: 93 Resp: 40874

Ion Ratio Lower Upper

93 100

66 37.1 32.8 49.2

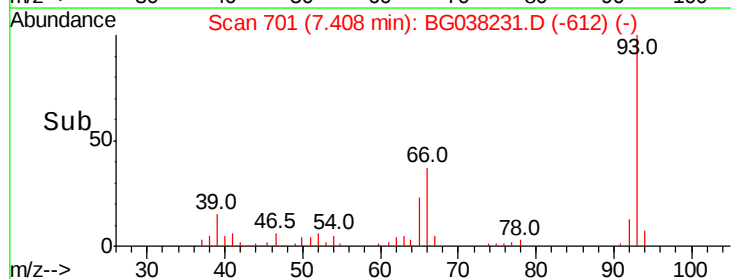
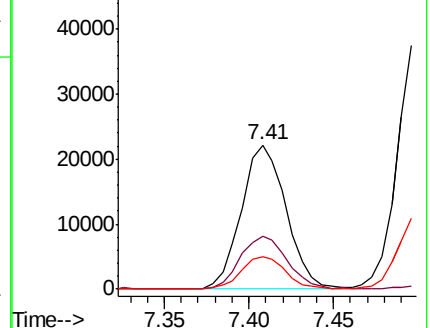
65 22.6 16.4 24.6

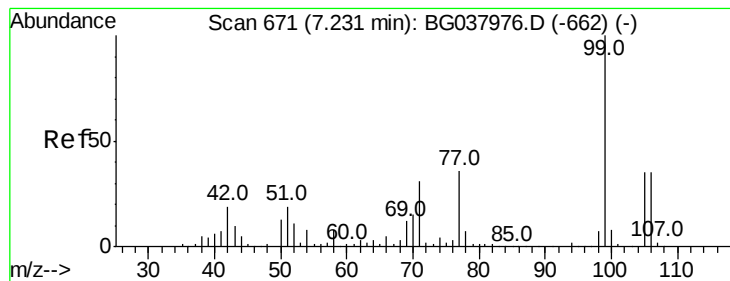


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.016 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

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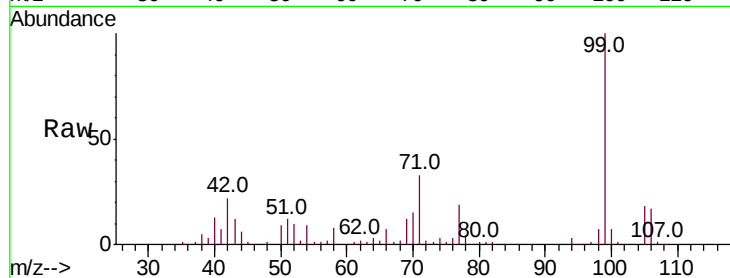
Tot Ion: 99 Resp: 202523

Ion Ratio Lower Upper

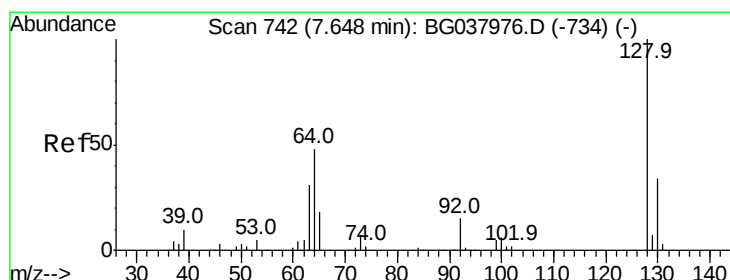
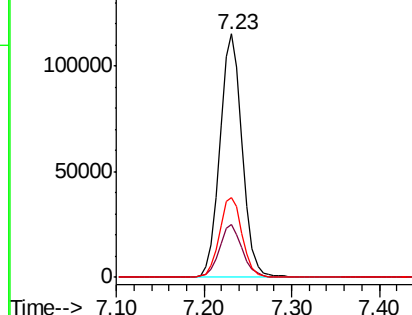
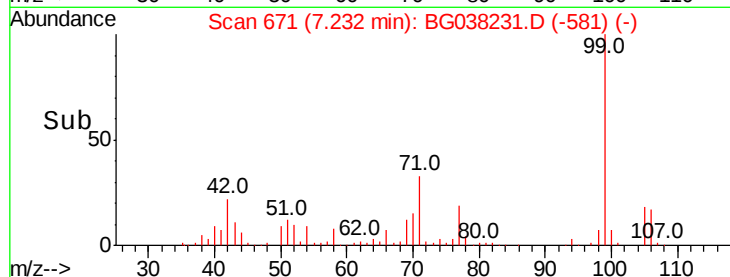
99 100

42 21.7 15.0 22.4

71 33.0 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: 36.878 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

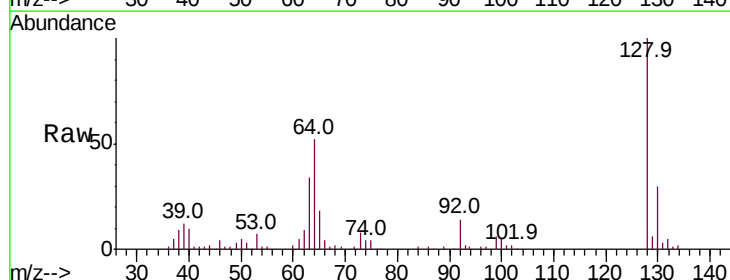
Tgt Ion:128 Resp: 79865

Ion Ratio Lower Upper

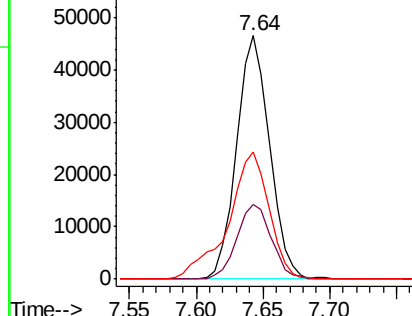
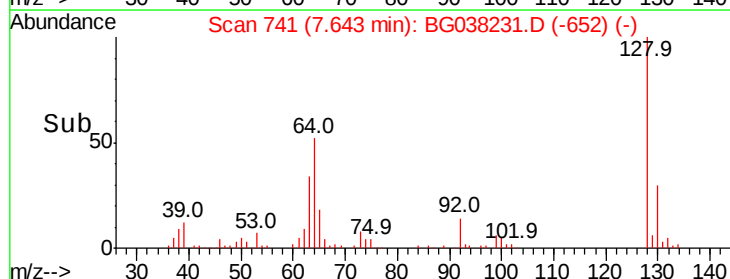
128 100

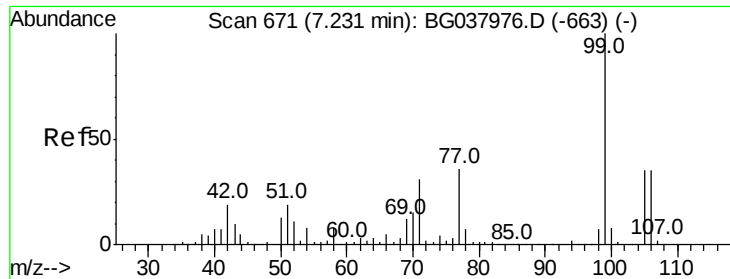
130 30.5 12.0 52.0

64 52.2 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: 24.762 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

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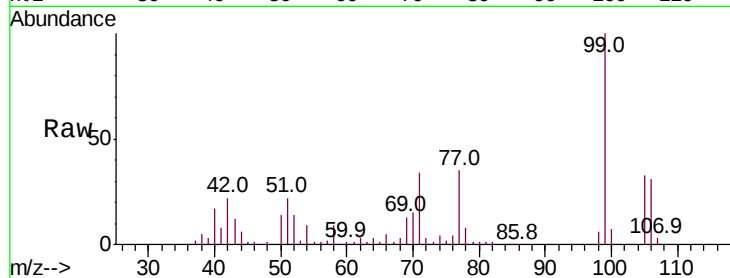
Tot Ion: 77 Resp: 47709

Ion Ratio Lower Upper

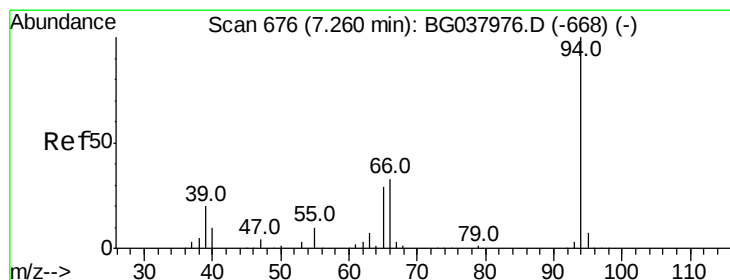
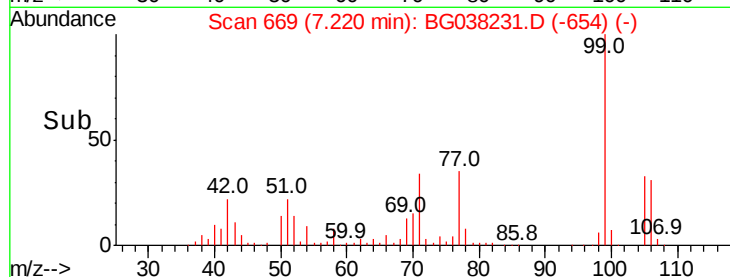
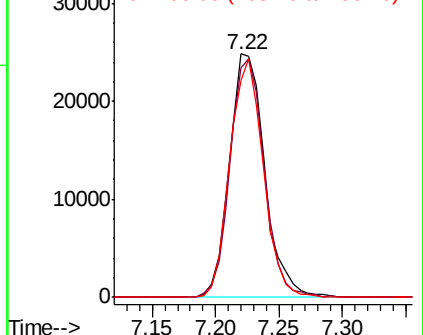
77 100

105 94.4 72.6 112.6

106 89.0 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: 37.062 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

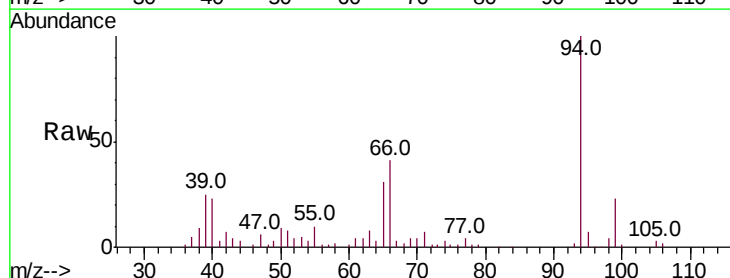
Tgt Ion: 94 Resp: 104587

Ion Ratio Lower Upper

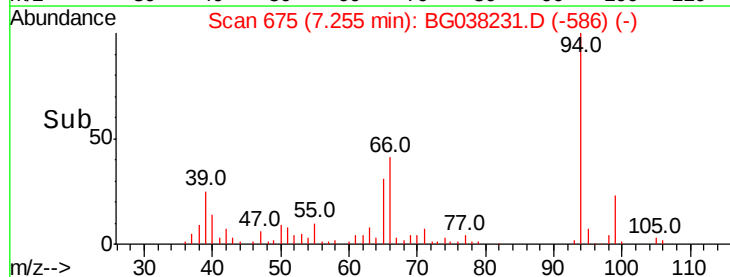
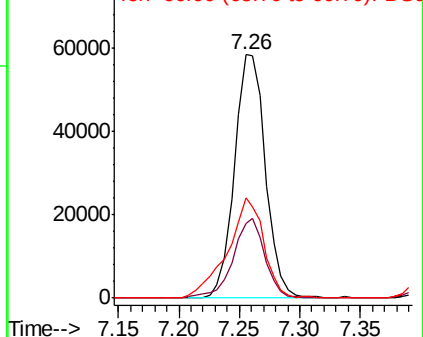
94 100

65 30.5 9.7 49.7

66 41.3 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: 31.159 ng

RT: 7.50 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

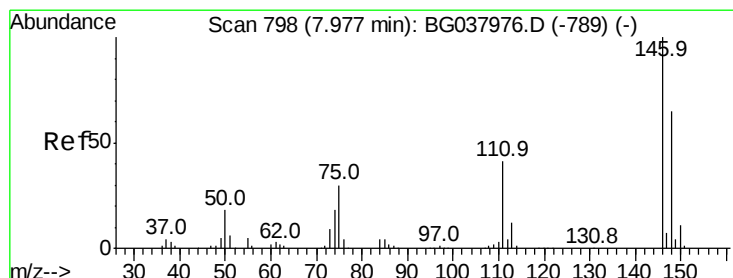
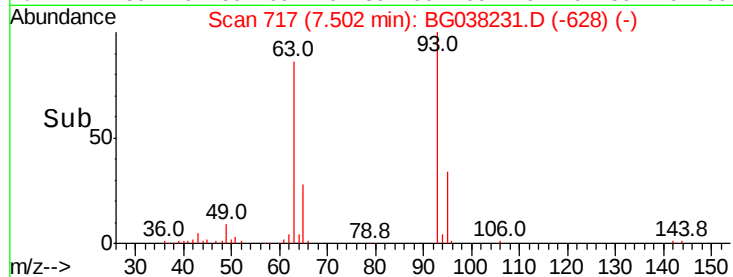
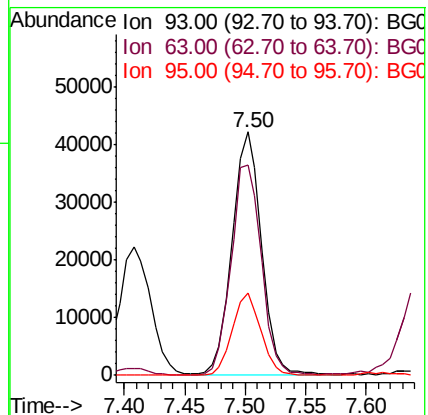
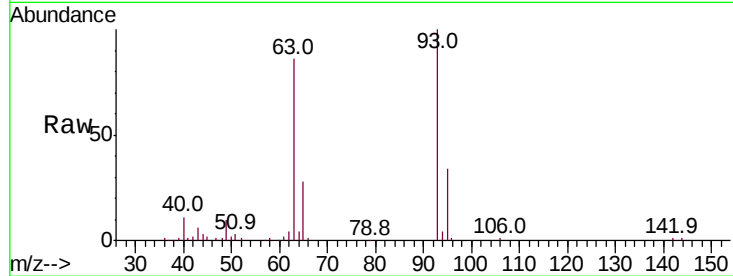
Tot Ion: 93 Resp: 71785

Ion Ratio Lower Upper

93 100

63 86.3 69.5 109.5

95 33.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 30.664 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

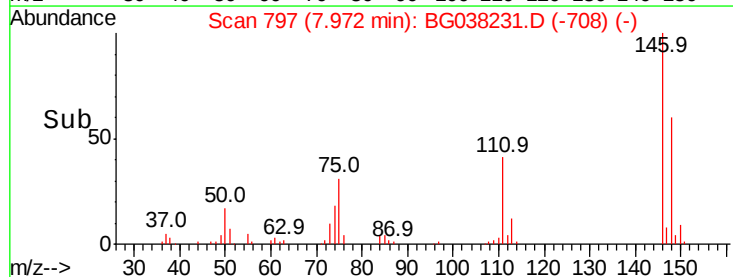
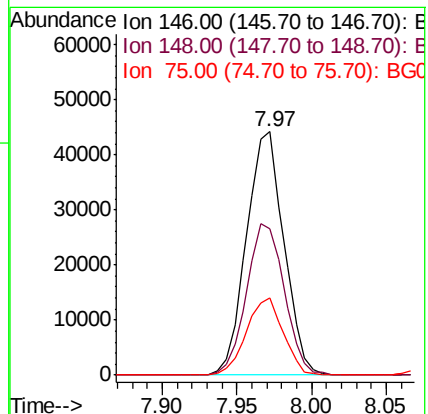
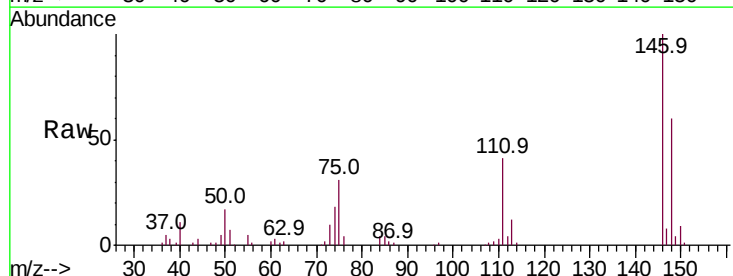
Tgt Ion: 146 Resp: 76504

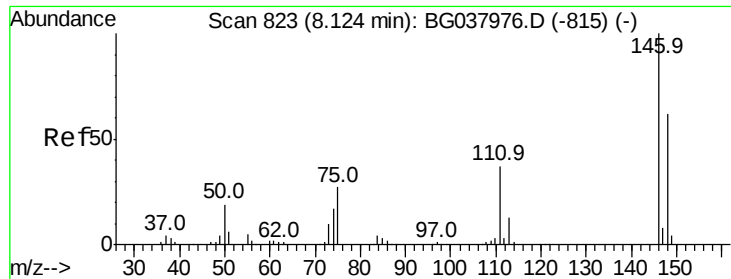
Ion Ratio Lower Upper

146 100

148 60.0 49.8 74.8

75 31.5 23.2 34.8

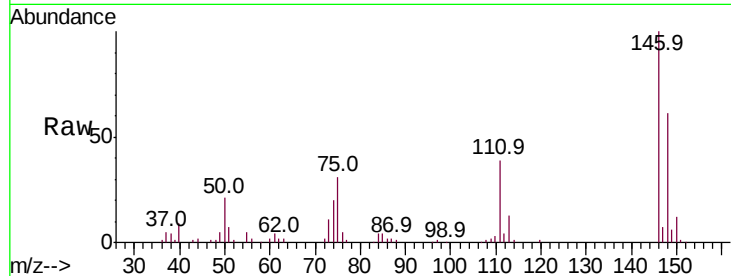




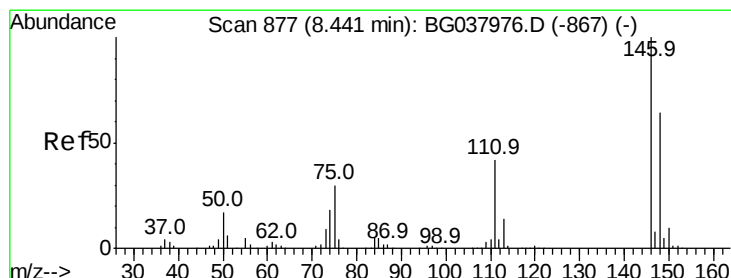
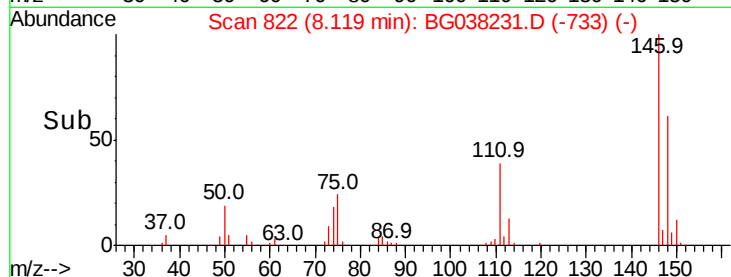
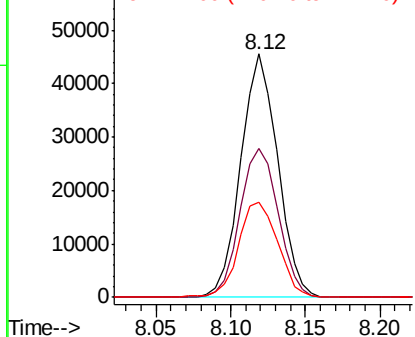
#13
 1,4-Dichlorobenzene
 Concen: 30.867 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

Tot Ion:146 Resp: 77792
 Ion Ratio Lower Upper
 146 100
 148 60.9 51.0 76.6
 111 39.1 32.4 48.6

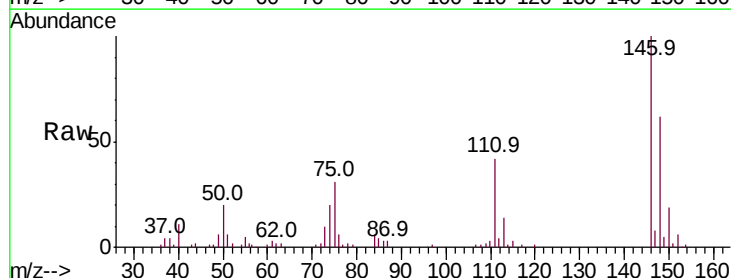


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

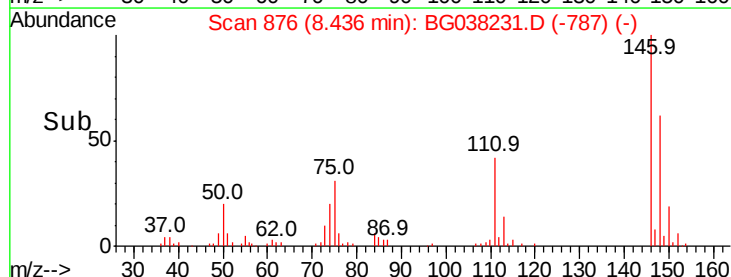
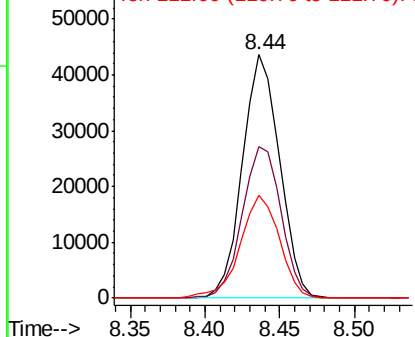


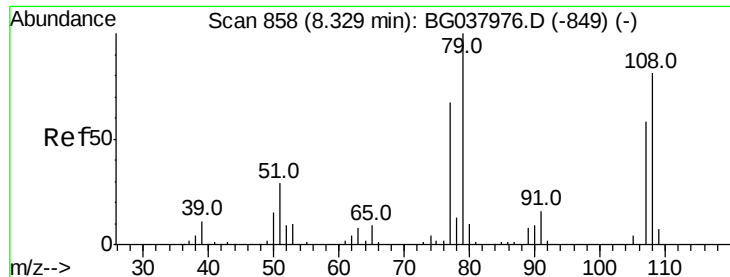
#14
 1,2-Dichlorobenzene
 Concen: 31.195 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Tgt Ion:146 Resp: 75060
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.4 75.6
 111 42.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 36.666 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

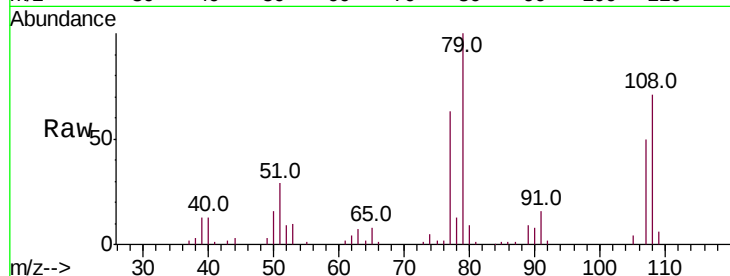
Tot Ion: 79 Resp: 70684

Ion Ratio Lower Upper

79 100

108 71.3 65.8 98.8

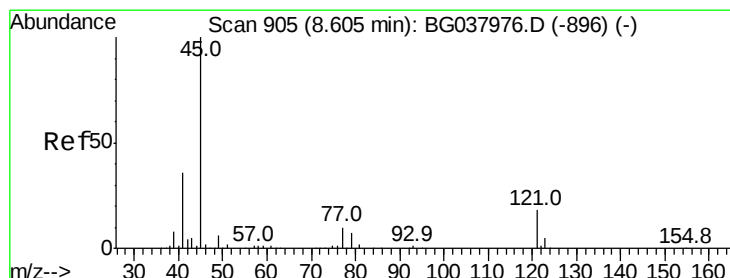
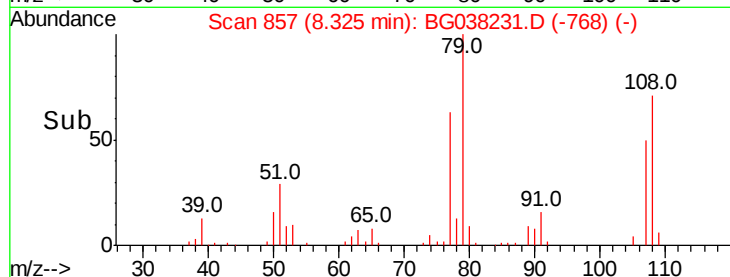
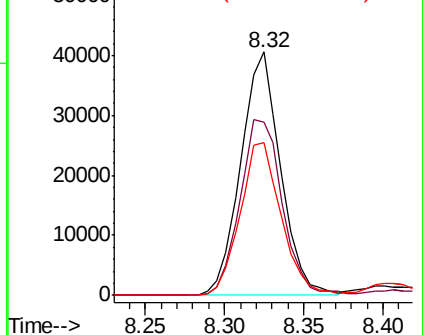
77 62.5 52.9 79.3



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: 35.695 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

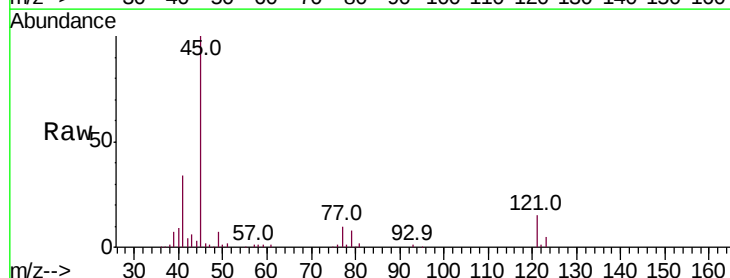
Tgt Ion: 45 Resp: 152701

Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

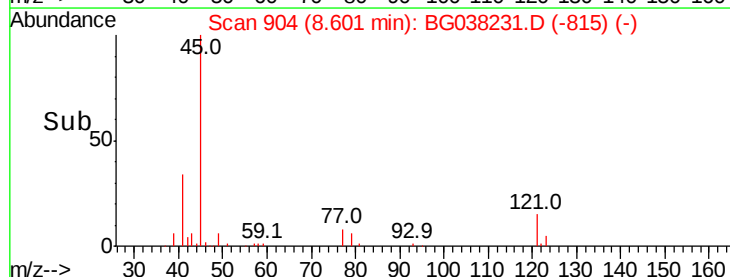
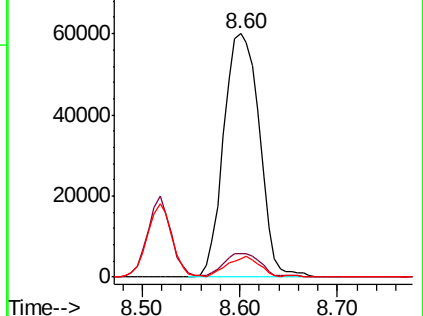
79 7.7 0.0 29.0

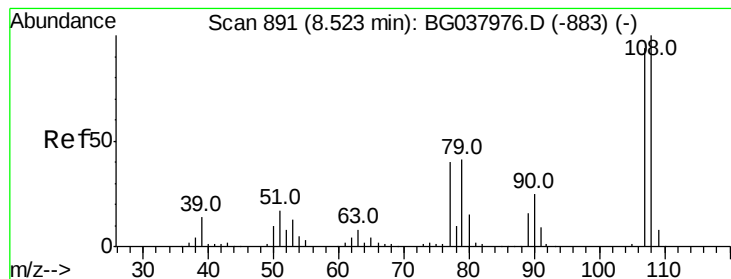


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.467 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

Tot Ion:107 Resp: 71483

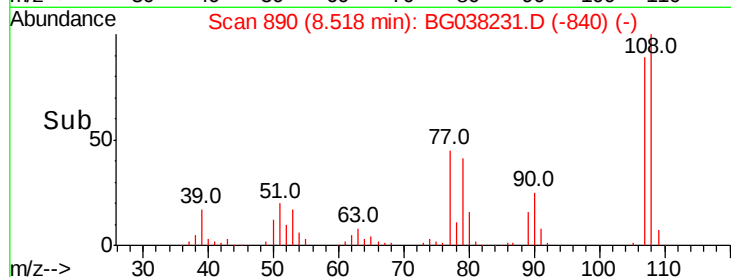
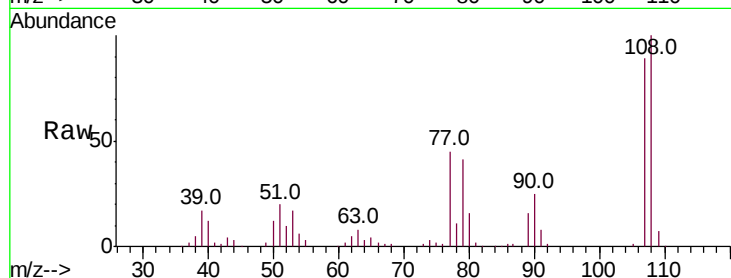
Ion Ratio Lower Upper

107 100

108 112.3 87.9 131.9

77 50.2 35.1 52.7

79 45.7 34.5 51.7

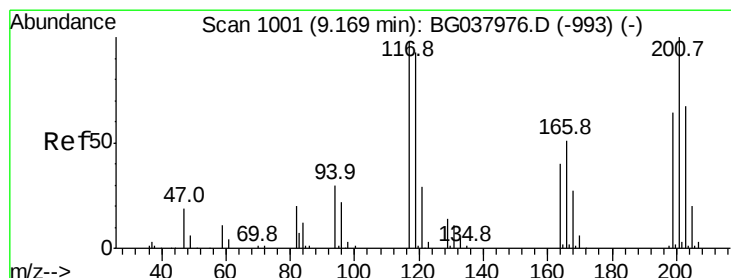
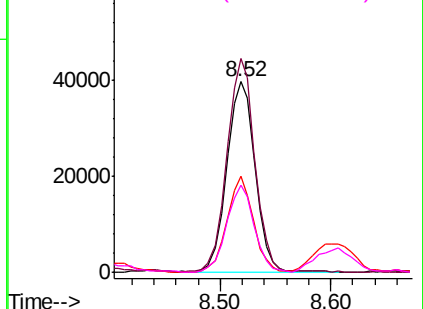


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.467 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

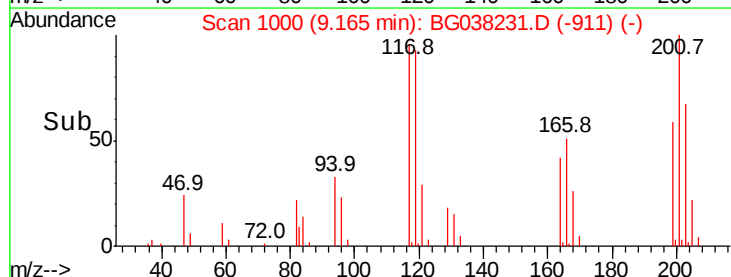
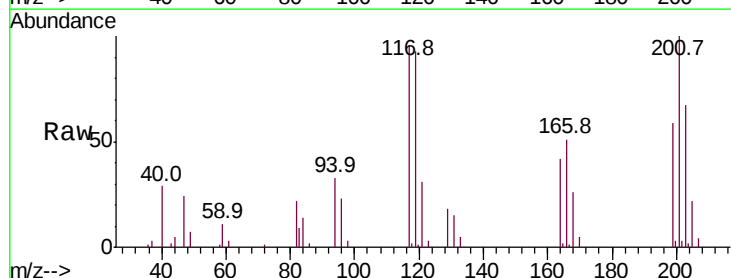
Tgt Ion:117 Resp: 28862

Ion Ratio Lower Upper

117 100

119 96.8 74.6 111.8

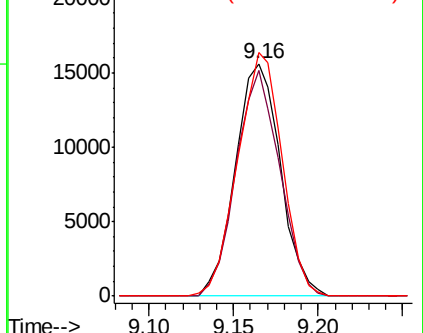
201 104.6 80.8 121.2

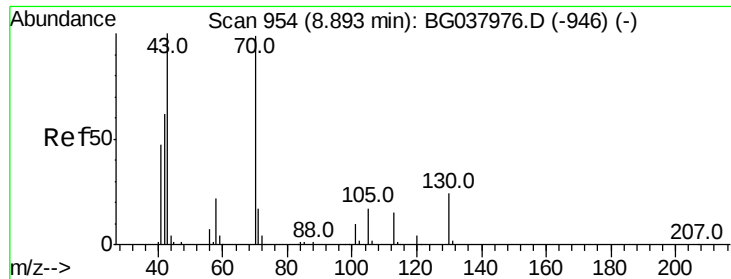


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

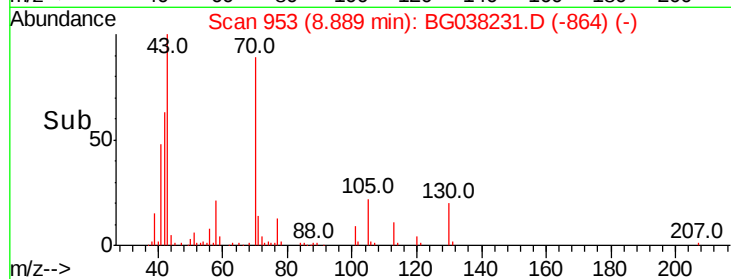
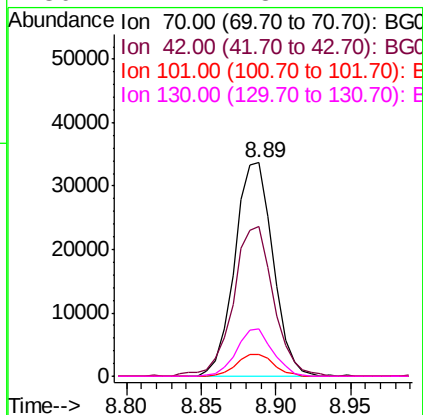
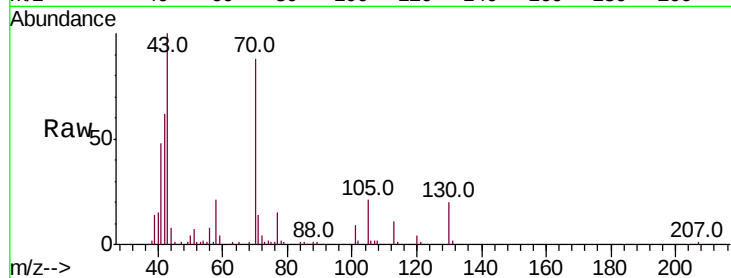




#19
n-Nitroso-di-n-propylamine
Concen: 31.107 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

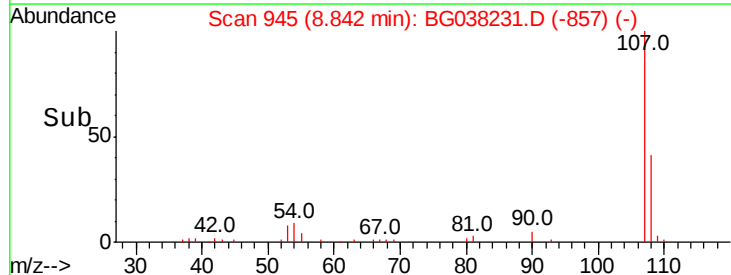
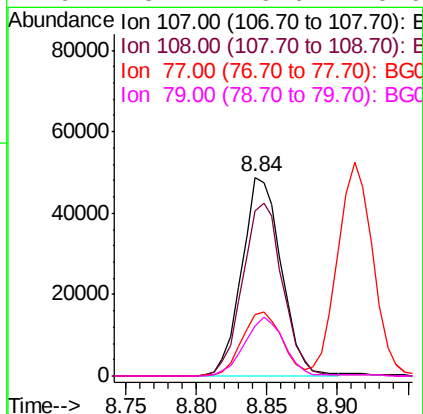
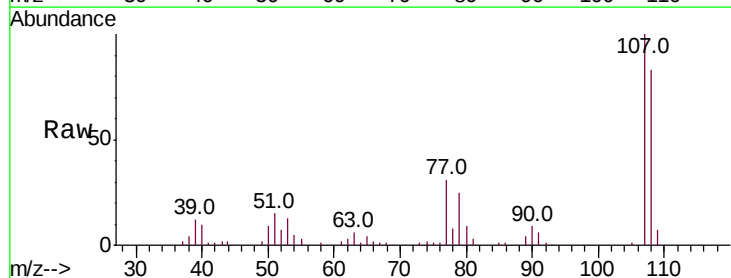
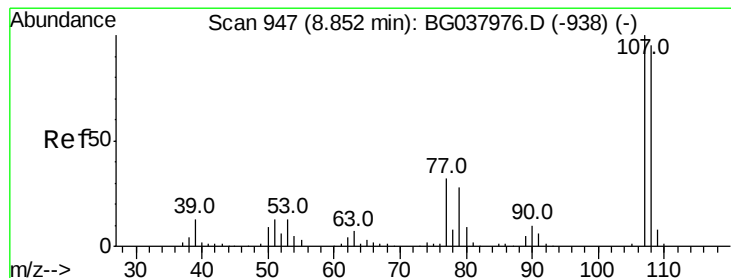
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

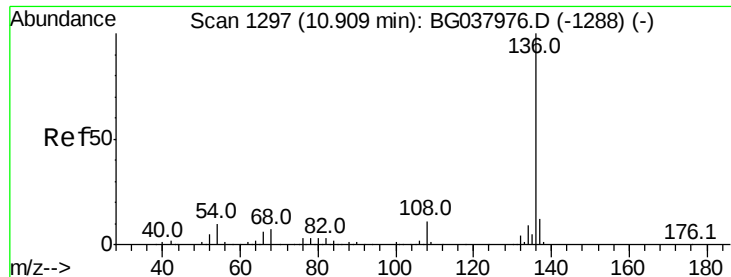
Tot Ion:	70	Resp:	59967
Ion	Ratio	Lower	Upper
70	100		
42	70.2	53.9	80.9
101	9.9	8.2	12.2
130	22.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 35.376 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:	107	Resp:	95678
Ion	Ratio	Lower	Upper
107	100		
108	83.3	69.9	109.9
77	31.0	11.2	51.2
79	25.1	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

Tot Ion:136 Resp: 145352

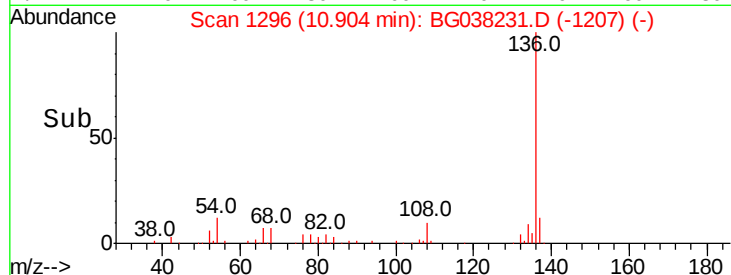
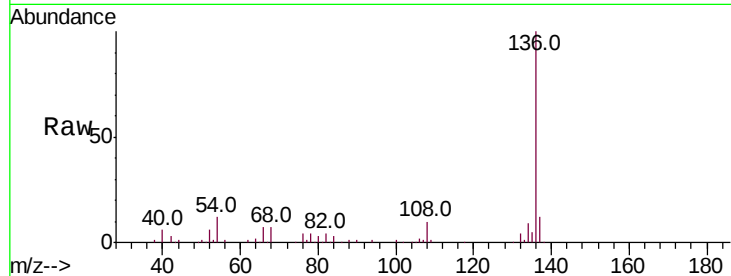
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 11.6 7.9 11.9

68 6.7 4.8 7.2

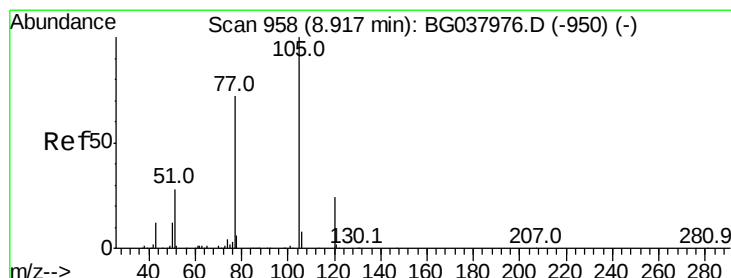
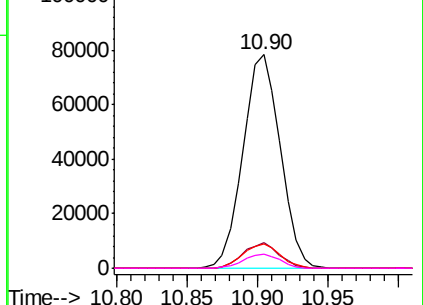


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 32.069 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Tgt Ion:105 Resp: 115974

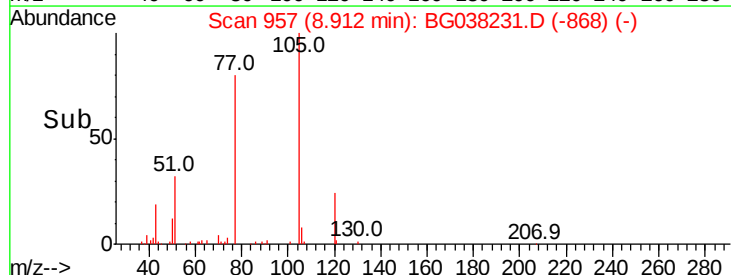
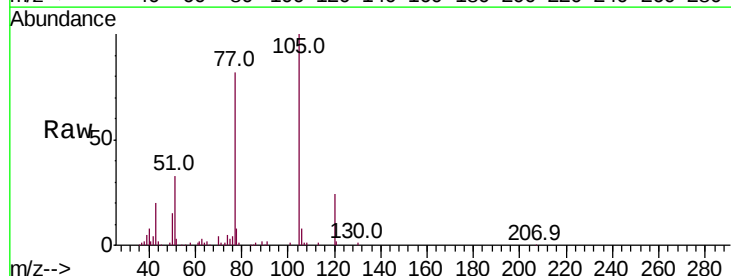
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 32.8 25.0 37.6

120 24.1 18.6 28.0

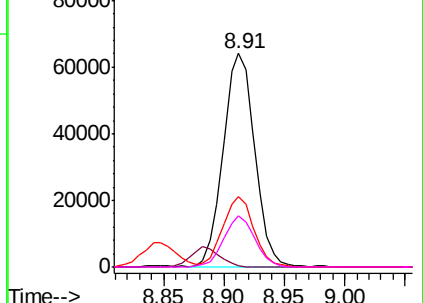


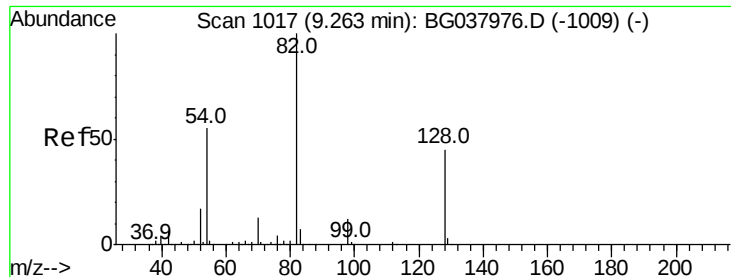
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

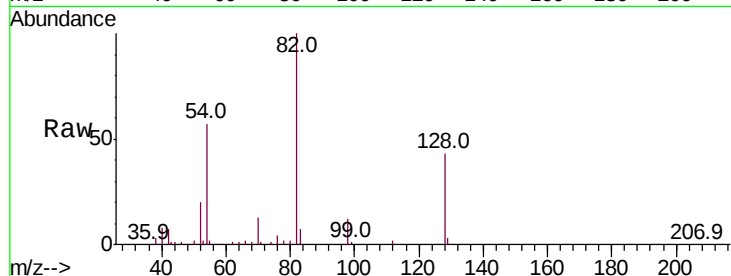




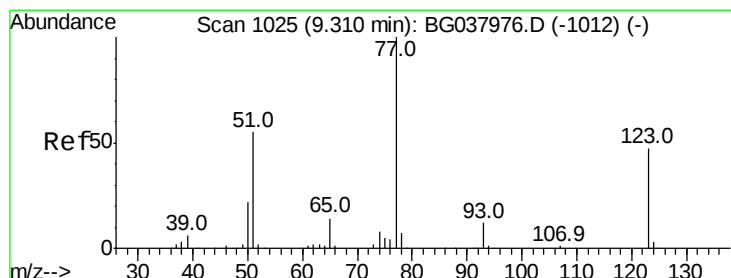
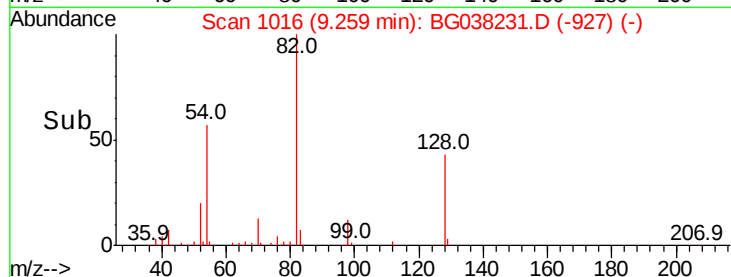
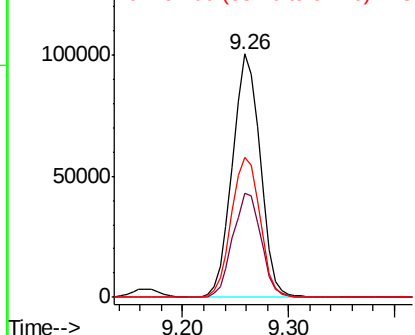
#23
Nitrobenzene-d5
Concen: 67.499 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion: 82 Resp: 183282
Ion Ratio Lower Upper
82 100
128 43.0 34.6 51.8
54 57.3 45.3 67.9

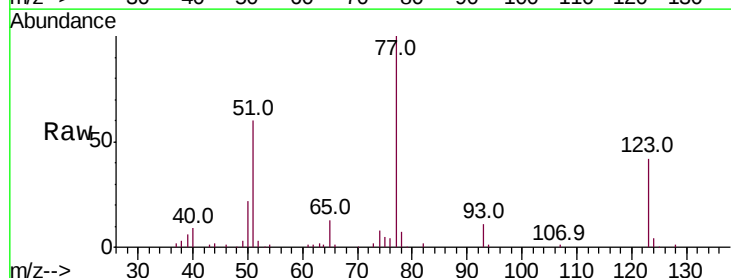


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

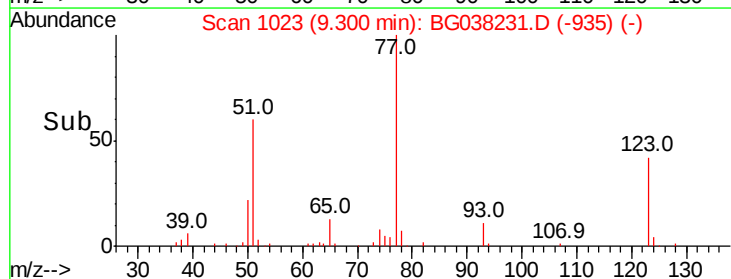
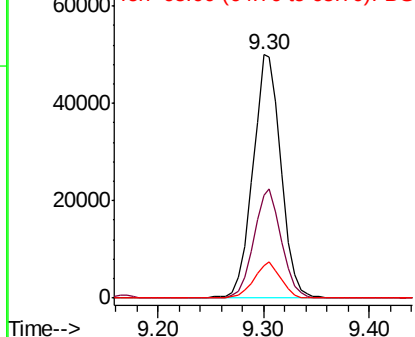


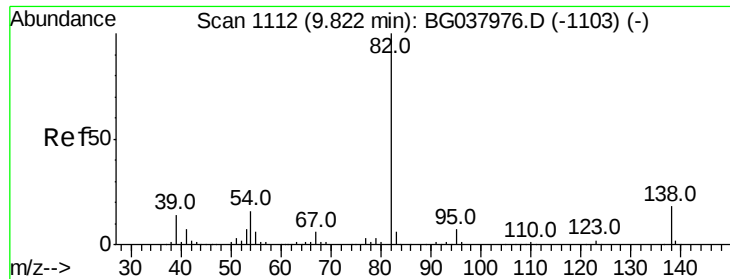
#24
Nitrobenzene
Concen: 33.305 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion: 77 Resp: 92510
Ion Ratio Lower Upper
77 100
123 42.3 33.6 50.4
65 13.3 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: 34.728 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

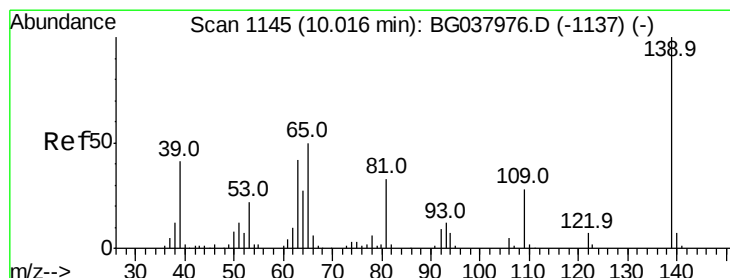
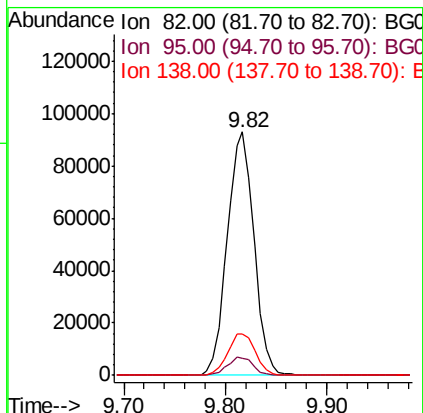
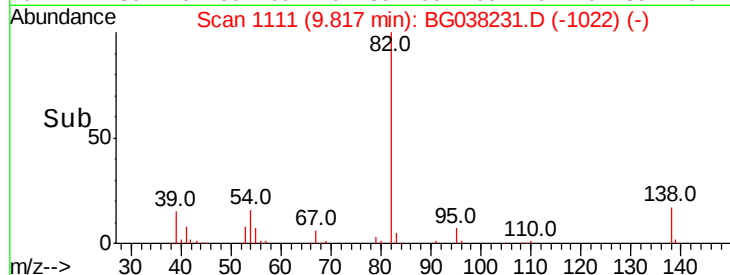
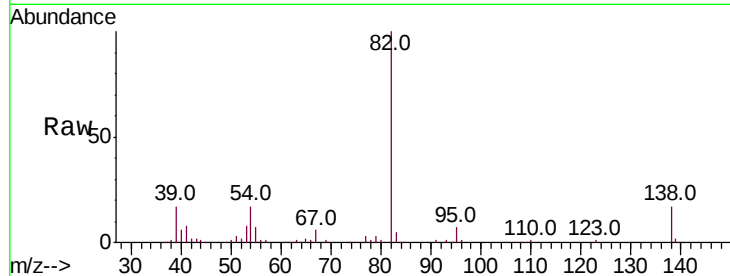
Tot Ion: 82 Resp: 169727

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 17.0 13.3 19.9



#26

2-Nitrophenol

Concen: 31.364 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

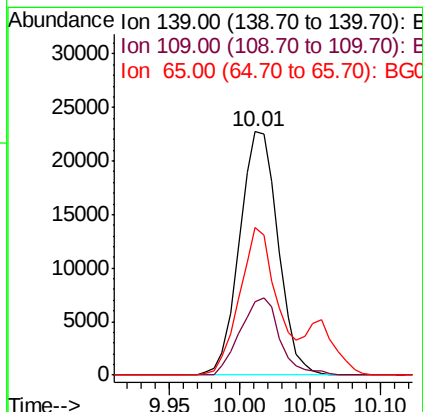
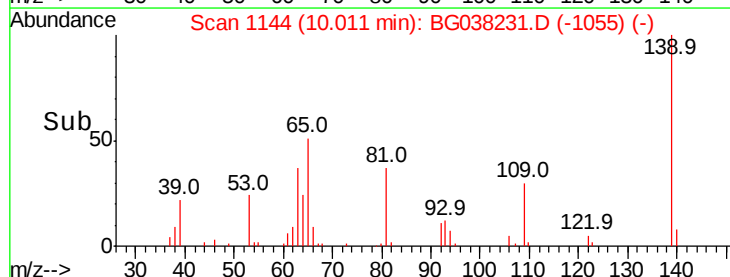
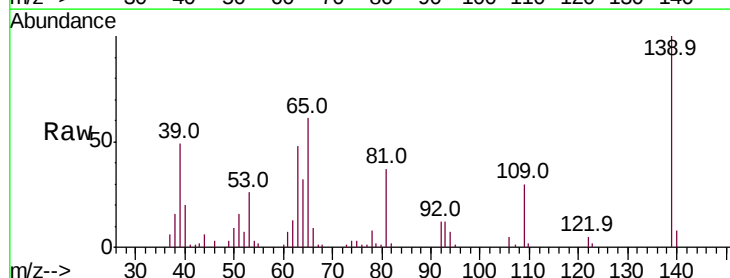
Tgt Ion:139 Resp: 43492

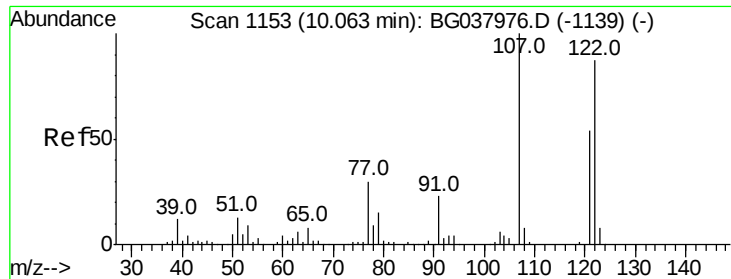
Ion Ratio Lower Upper

139 100

109 30.4 23.3 34.9

65 60.8 39.8 59.8#

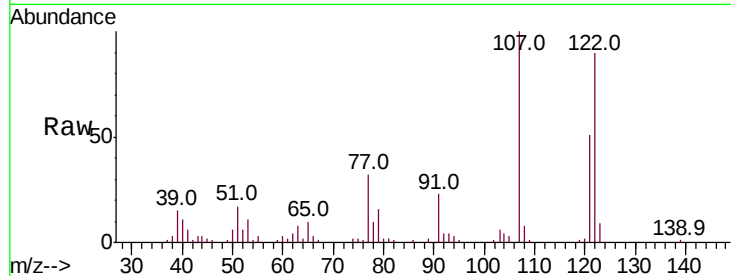




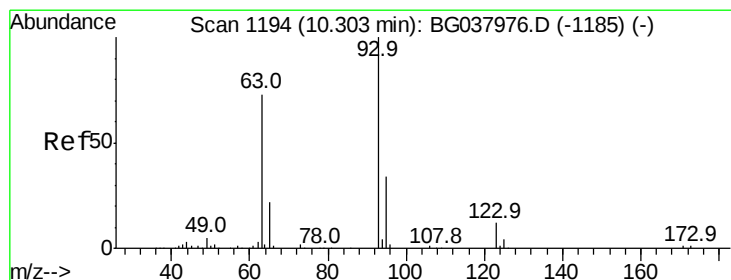
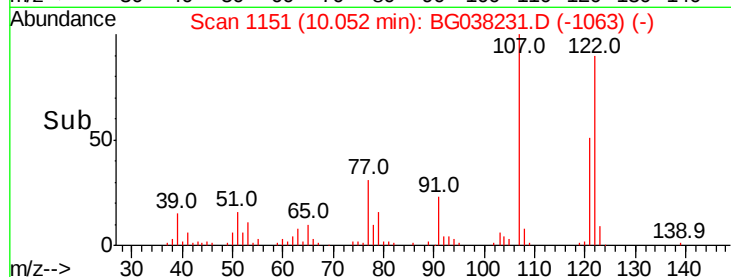
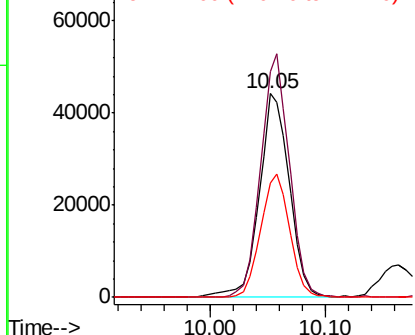
#27
2,4-Dimethylphenol
Concen: 38.586 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion:122 Resp: 80618
Ion Ratio Lower Upper
122 100
107 110.6 94.2 141.2
121 55.9 47.3 70.9

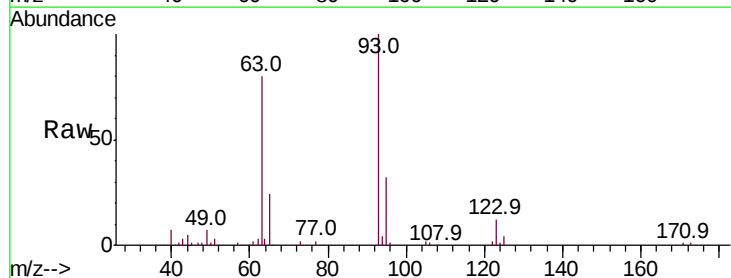


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

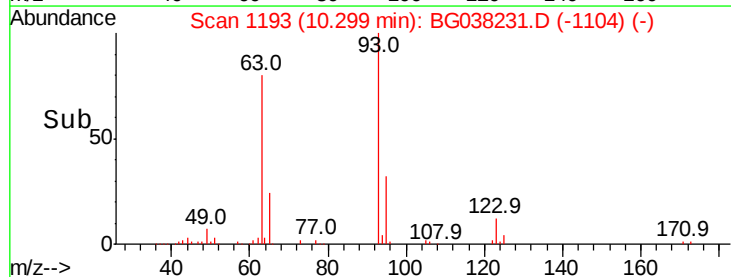
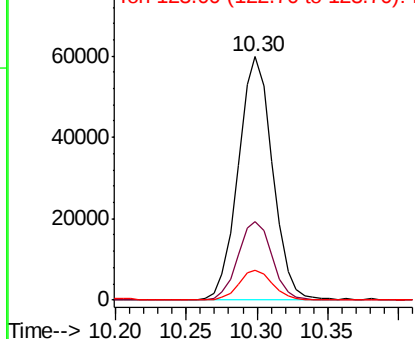


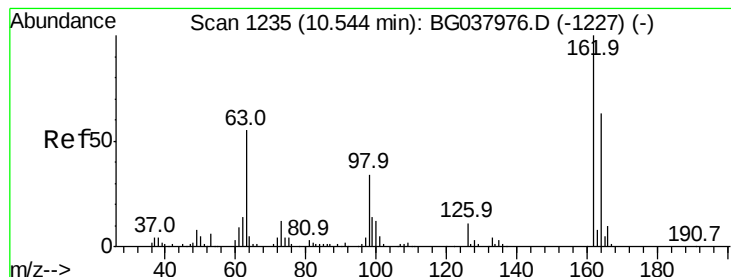
#28
bis(2-Chloroethoxy)methane
Concen: 32.478 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion: 93 Resp: 101498
Ion Ratio Lower Upper
93 100
95 32.1 24.6 37.0
123 12.1 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: 35.236 ng

RT: 10.55 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

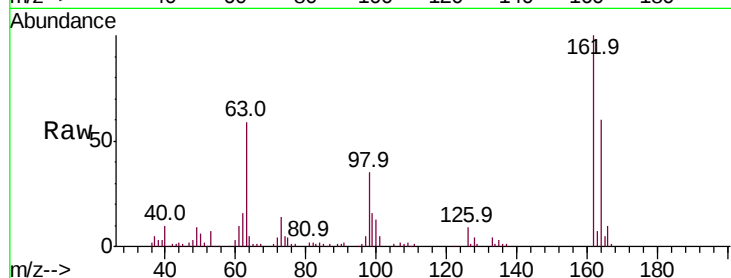
Tot Ion:162 Resp: 82806

Ion Ratio Lower Upper

162 100

164 60.4 43.2 83.2

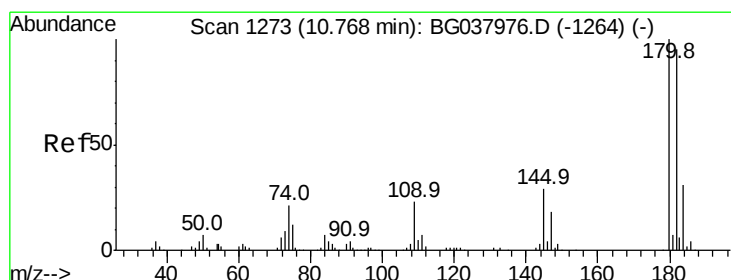
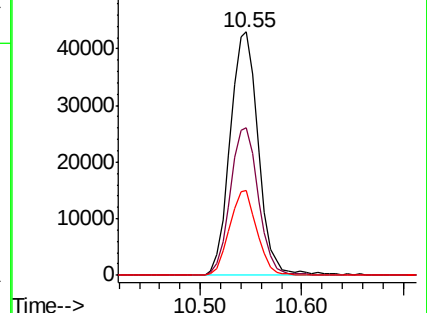
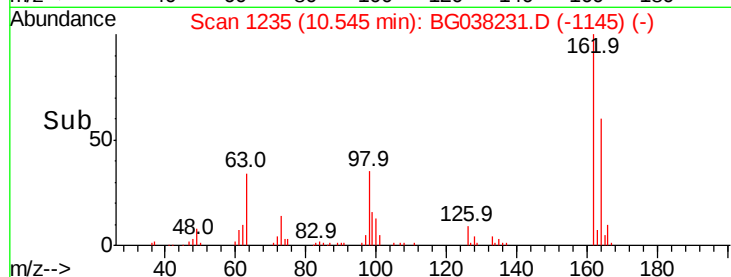
98 35.1 16.0 56.0



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: 30.663 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

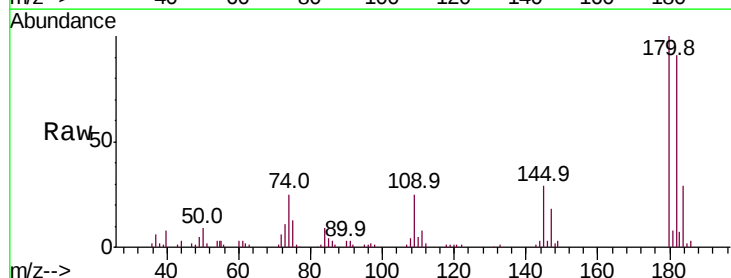
Tgt Ion:180 Resp: 80748

Ion Ratio Lower Upper

180 100

182 91.1 77.7 116.5

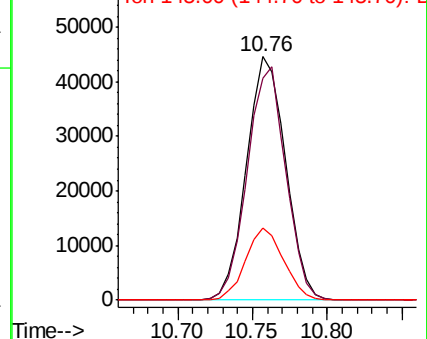
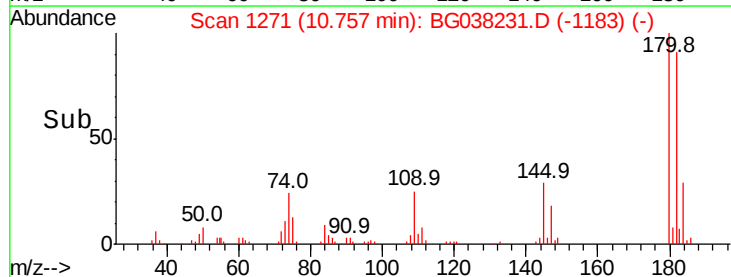
145 29.4 23.3 34.9

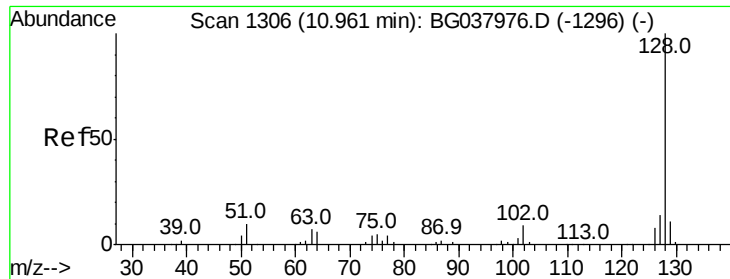


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

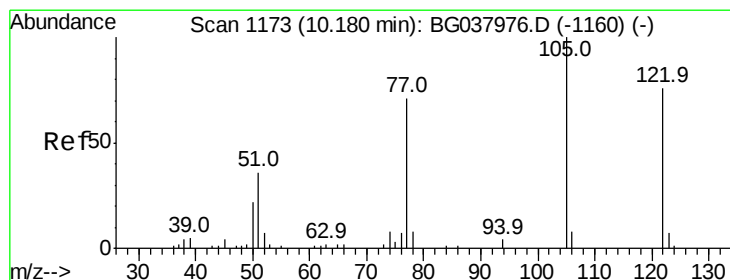
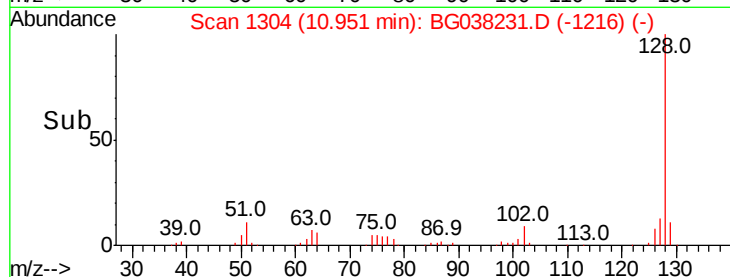
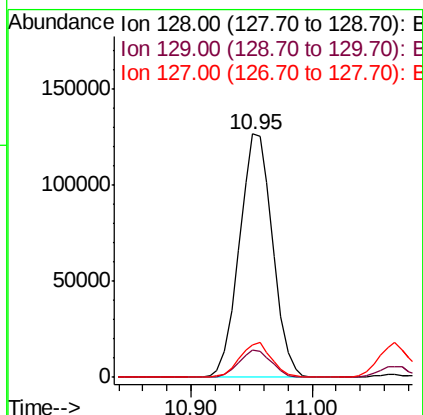
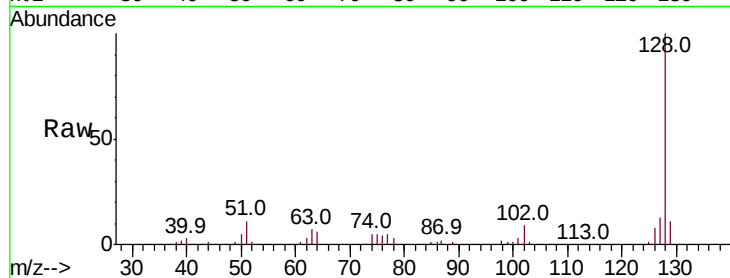




#31
Naphthalene
Concen: 33.831 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

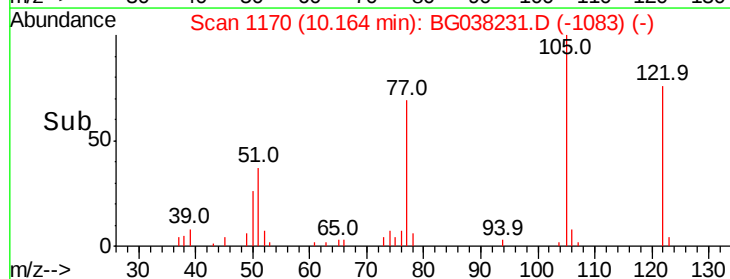
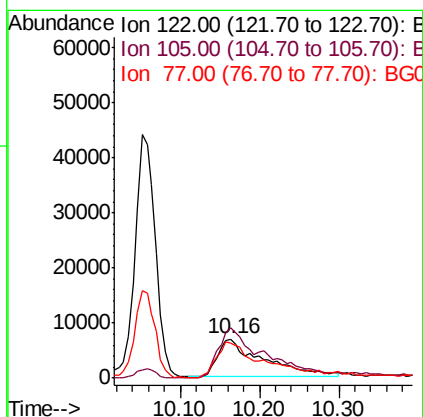
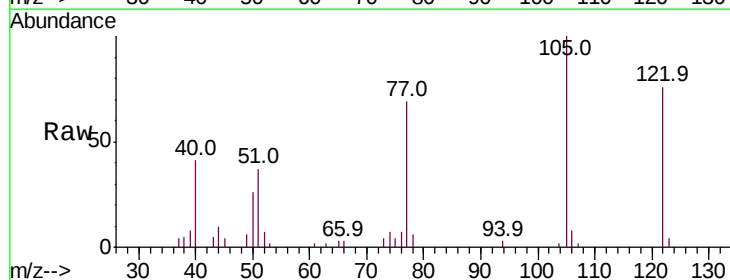
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion:128 Resp: 241863
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 27.672 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:122 Resp: 27770
Ion Ratio Lower Upper
122 100
105 131.2 106.7 146.7
77 90.7 72.2 112.2

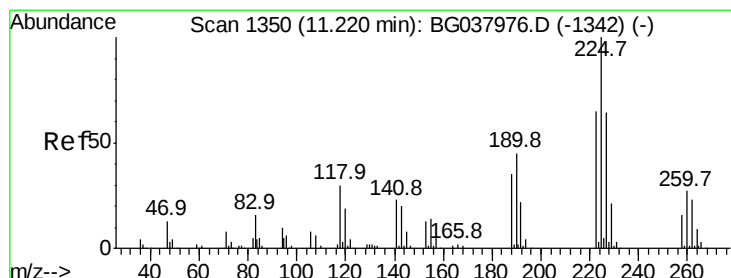
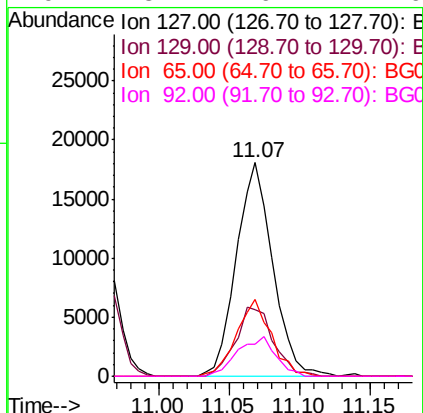
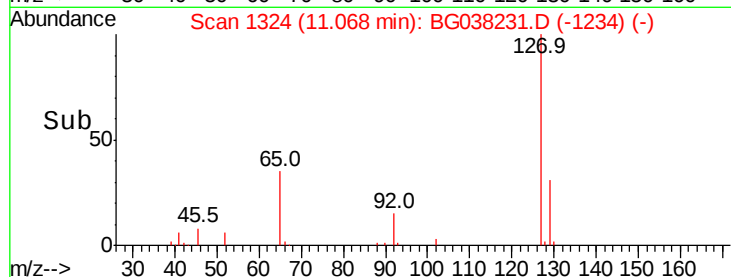
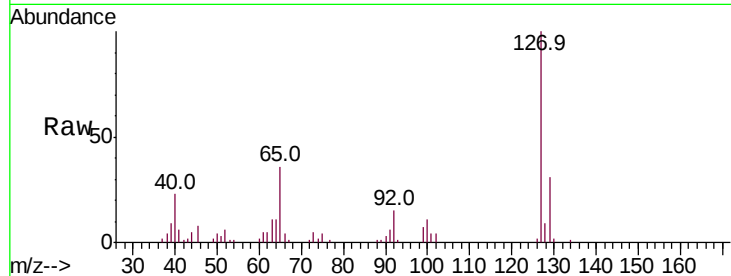




#33
4-Chloroaniline
Concen: 9.797 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

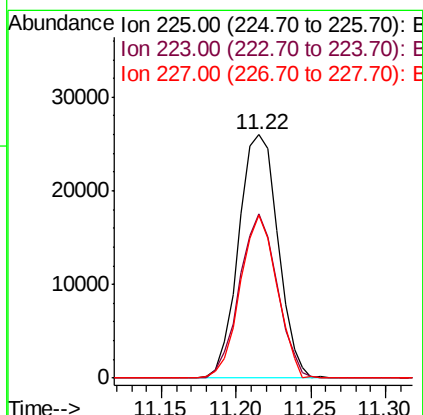
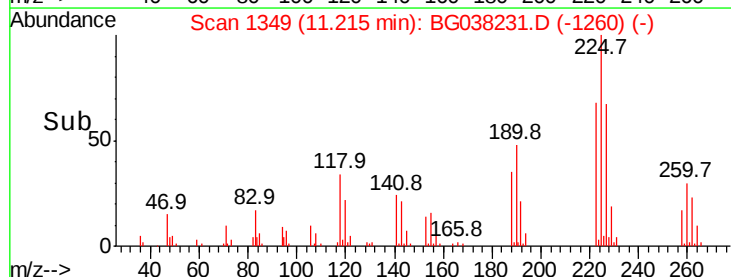
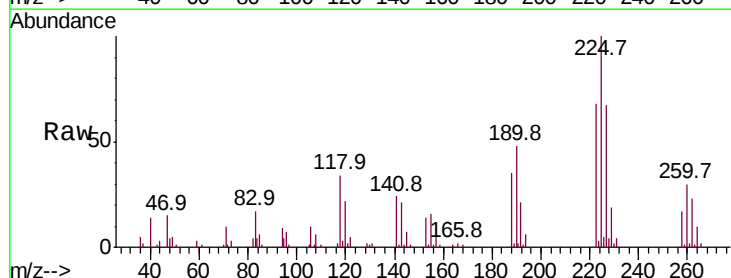
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

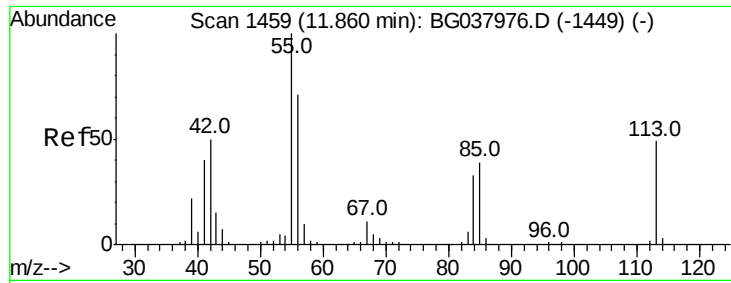
Tot Ion:127 Resp: 32580
Ion Ratio Lower Upper
127 100
129 31.4 27.1 40.7
65 35.9 26.6 39.8
92 15.2 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 29.297 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:225 Resp: 47484
Ion Ratio Lower Upper
225 100
223 71.1 48.2 72.4
227 70.6 51.6 77.4





#35

Caprolactam

Concen: 30.051 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

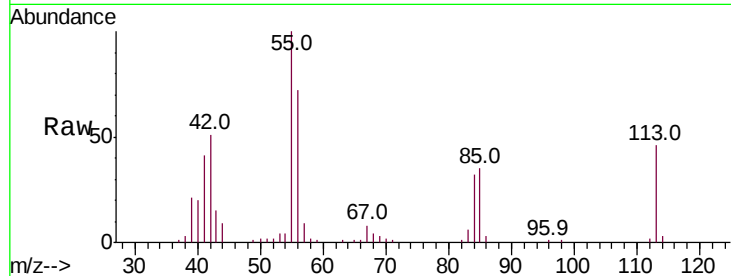
Tot Ion:113 Resp: 28267

Ion Ratio Lower Upper

113 100

55 218.6 176.6 216.6#

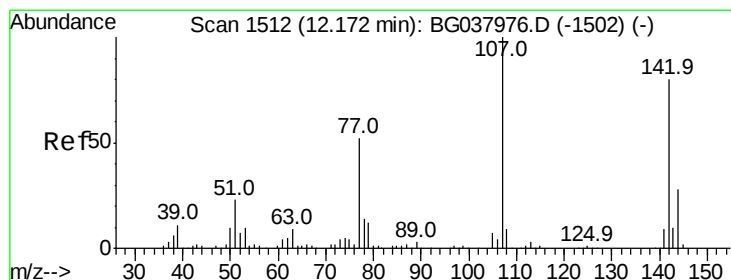
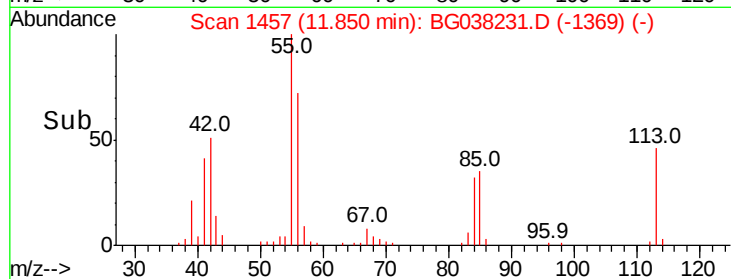
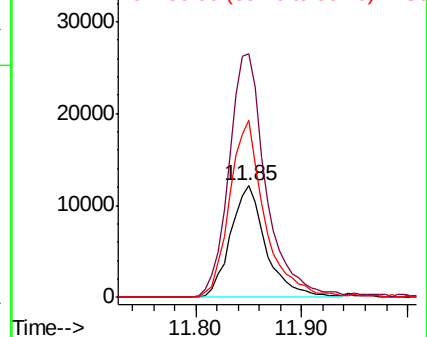
56 158.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 34.648 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

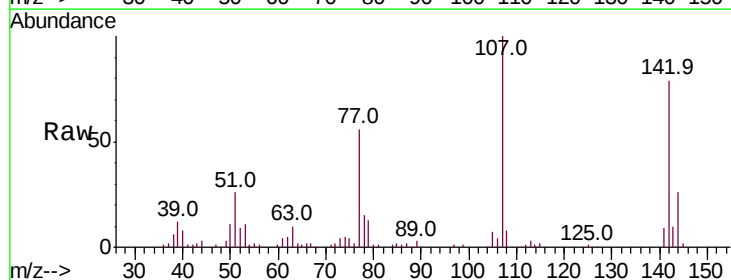
Tgt Ion:107 Resp: 88957

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

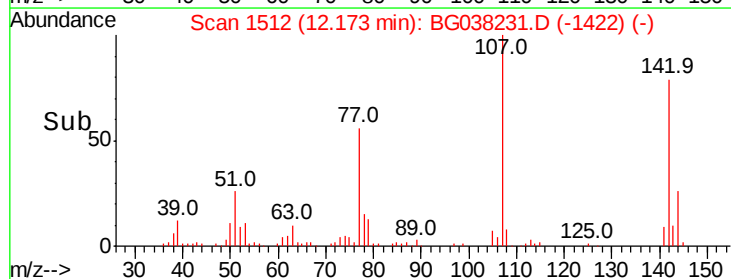
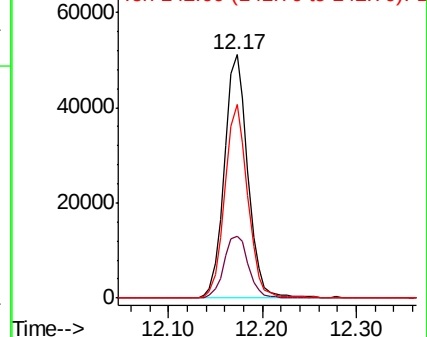
142 79.4 64.4 96.6



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

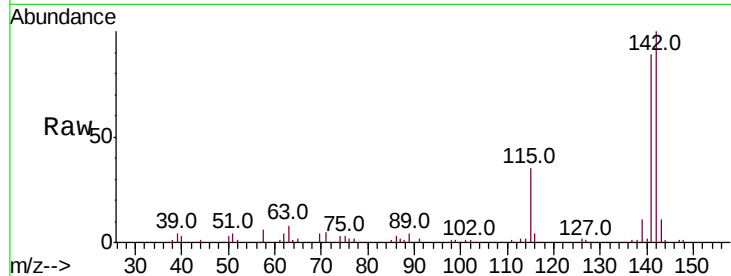




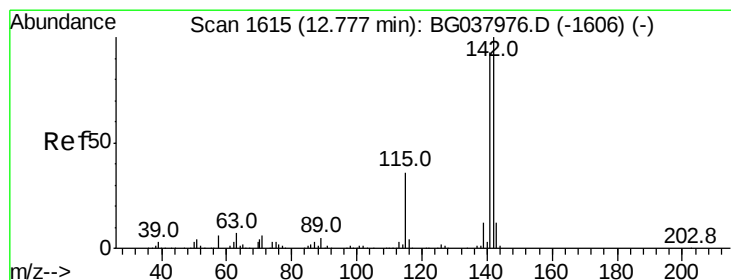
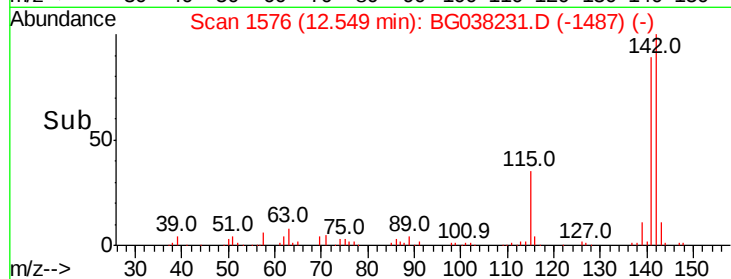
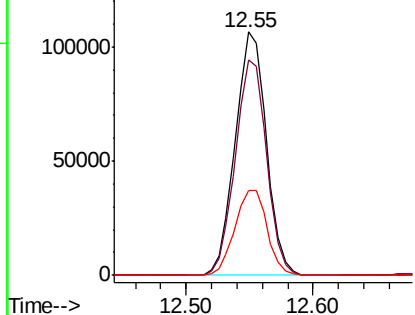
#37
 2-Methylnaphthalene
 Concen: 35.299 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	35.1	27.8	41.8

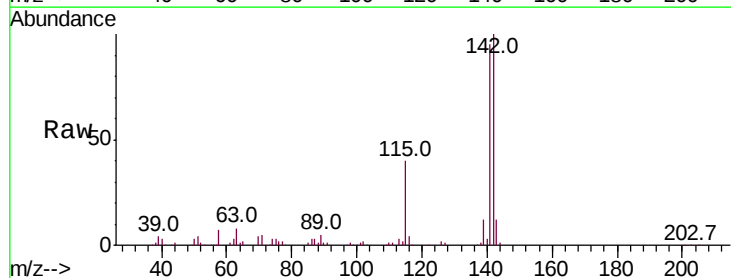


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

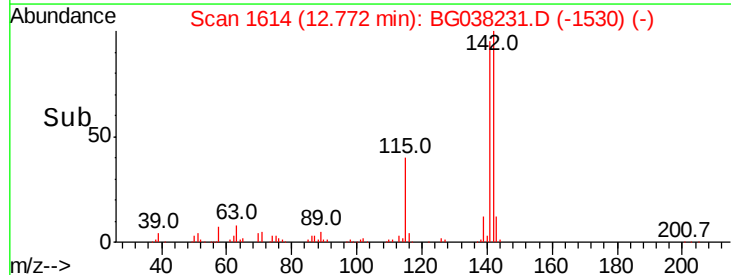
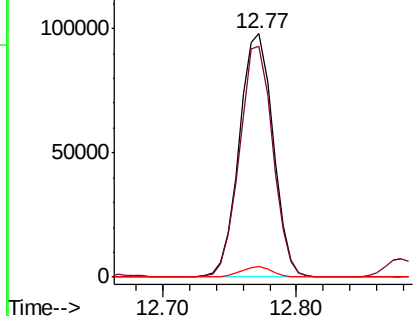


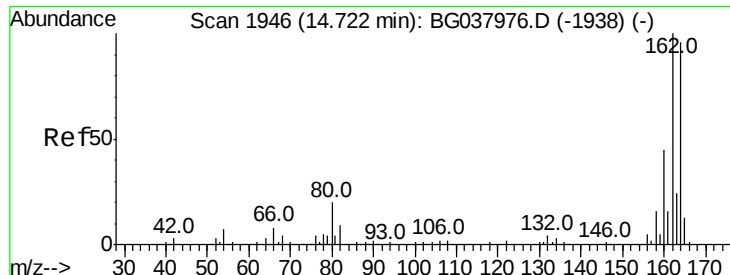
#38
 1-Methylnaphthalene
 Concen: 34.669 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8
116	4.2	3.3	4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

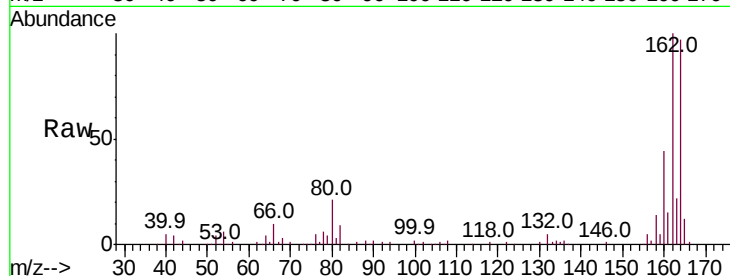
Tot Ion:164 Resp: 93146

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

160 45.1 36.3 54.5

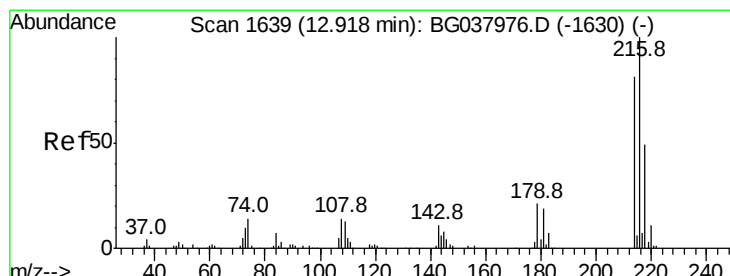
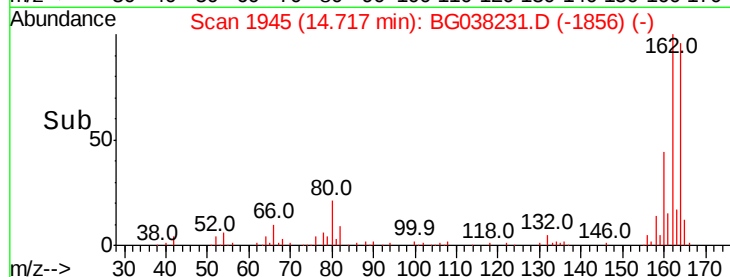
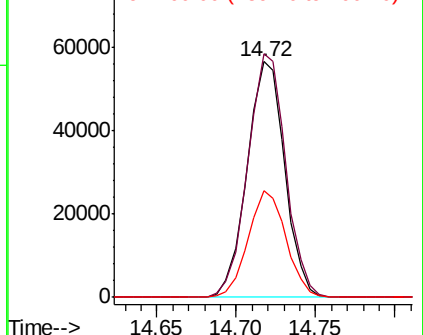


Abundance

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: 29.934 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Tgt Ion:216 Resp: 93170

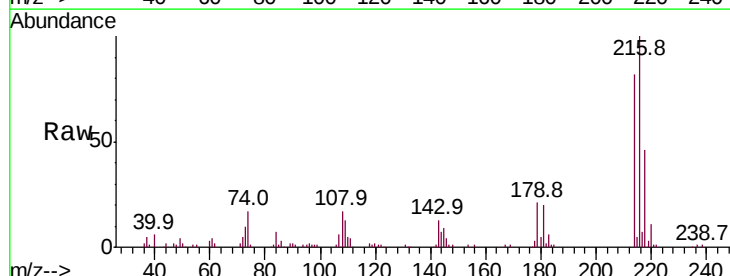
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.7 17.4 26.0

108 20.6 13.9 20.9



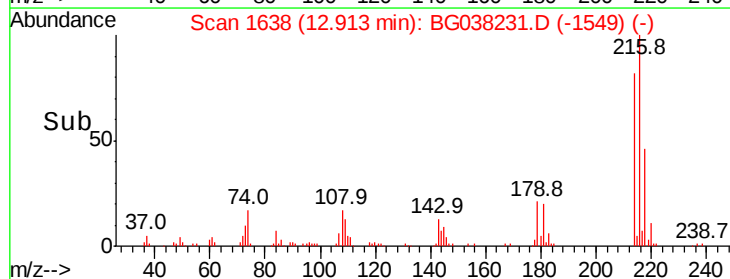
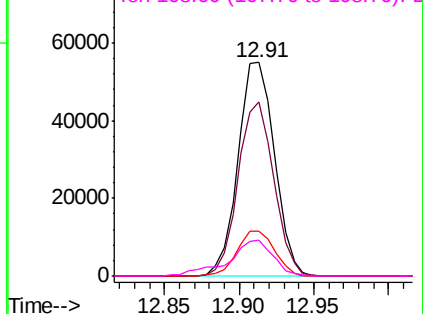
Abundance

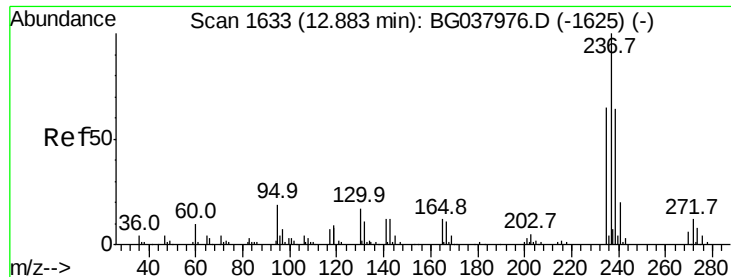
Ion 216.00 (215.70 to 216.70): E

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: 64.084 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

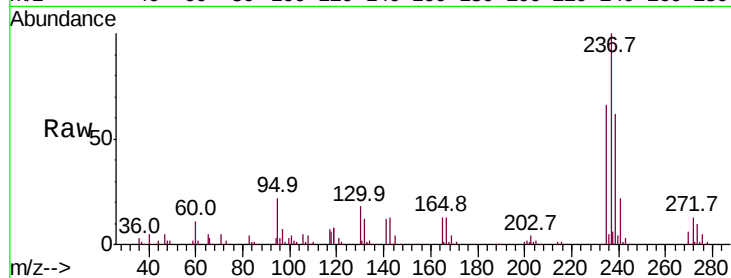
Tot Ion:237 Resp: 106807

Ion Ratio Lower Upper

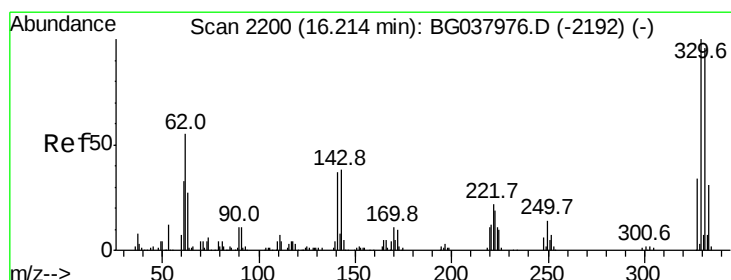
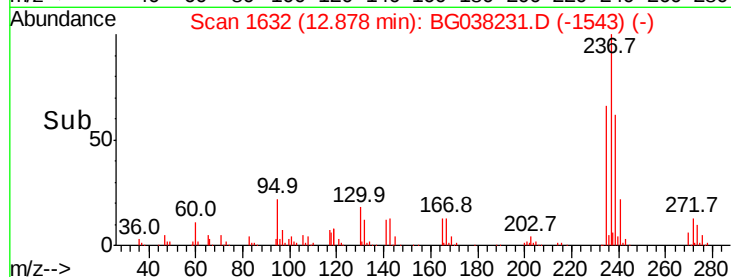
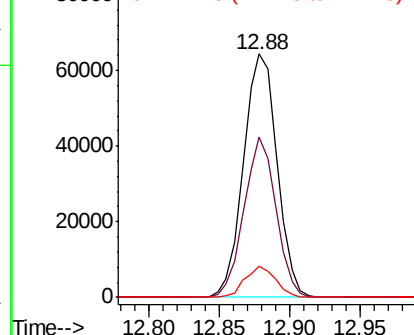
237 100

235 66.1 42.5 82.5

272 13.0 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 66.052 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

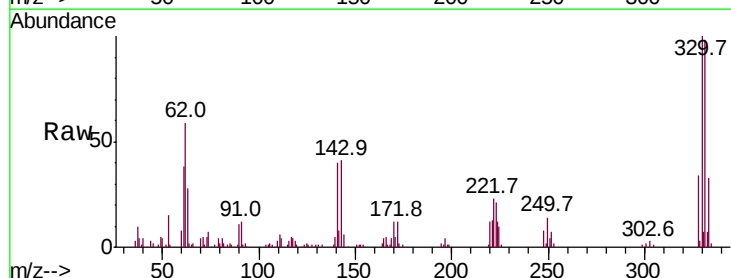
Tgt Ion:330 Resp: 70168

Ion Ratio Lower Upper

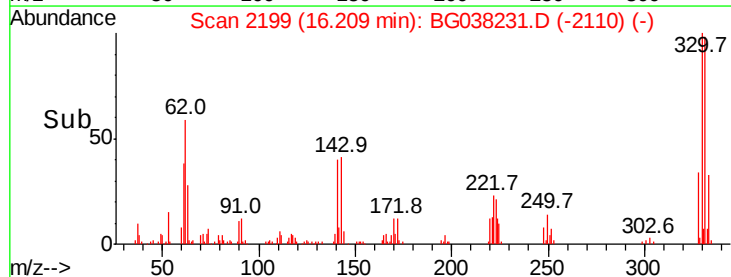
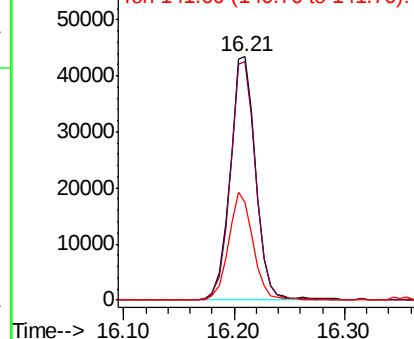
330 100

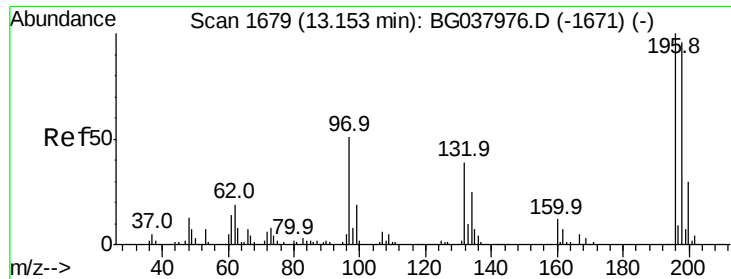
332 96.9 78.4 117.6

141 42.1 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

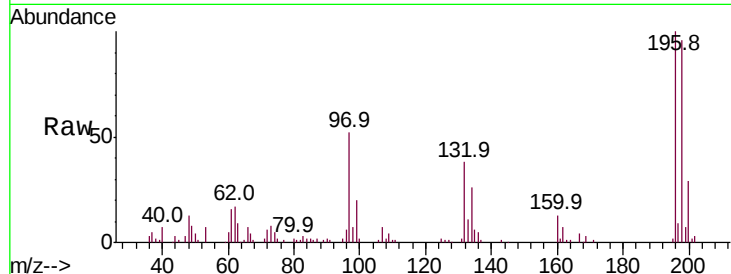




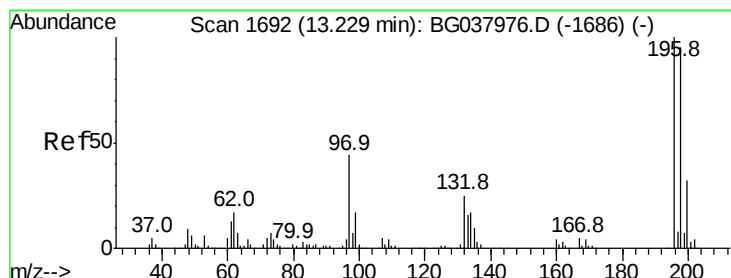
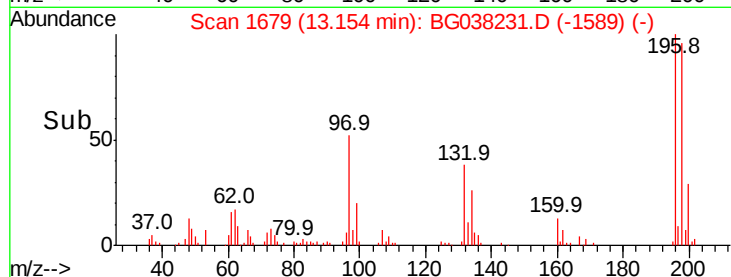
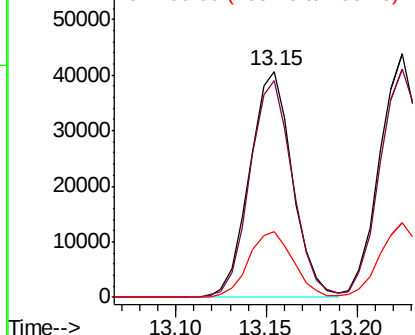
#43
 2,4,6-Trichlorophenol
 Concen: 31.365 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

Tot Ion:196 Resp: 66524
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.4 114.6
 200 29.1 24.9 37.3



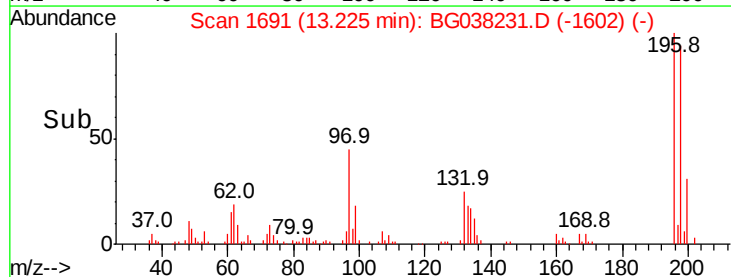
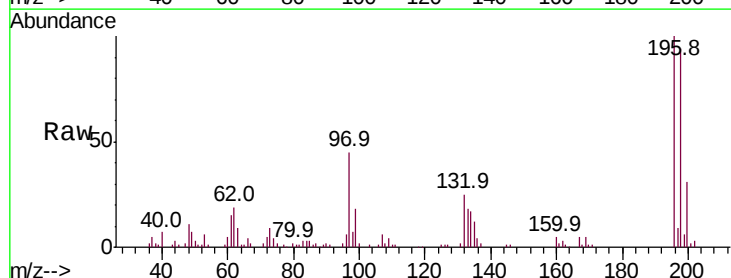
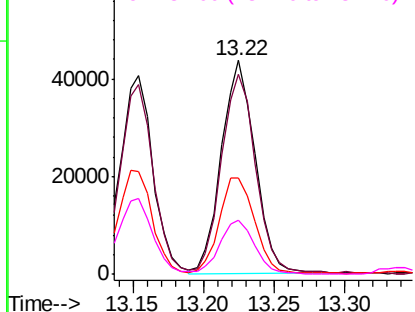
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

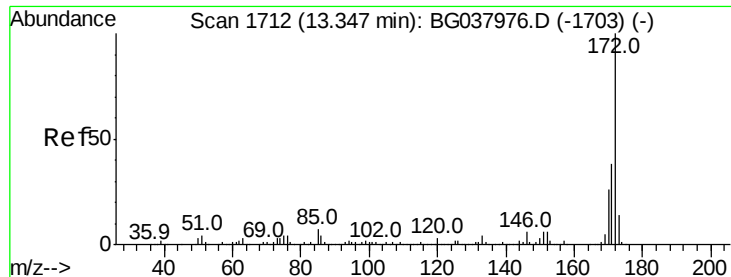


#44
 2,4,5-Trichlorophenol
 Concen: 32.460 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Tgt Ion:196 Resp: 72440
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.2 111.2
 97 44.7 34.1 51.1
 132 25.1 20.2 30.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

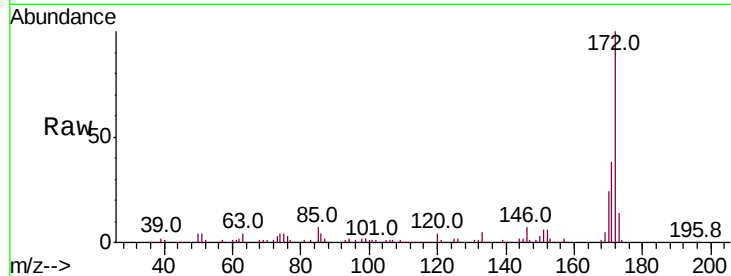




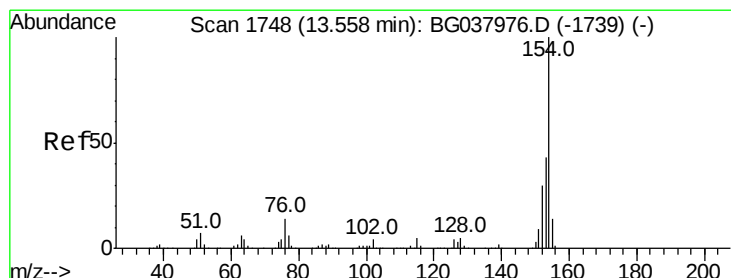
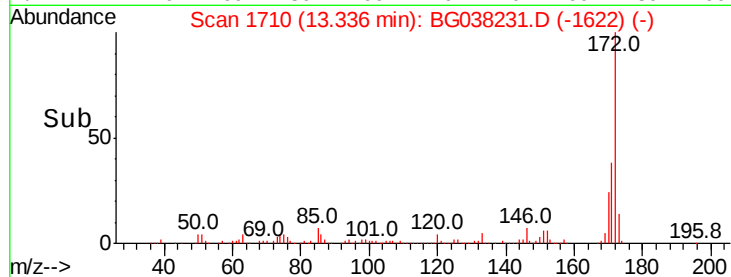
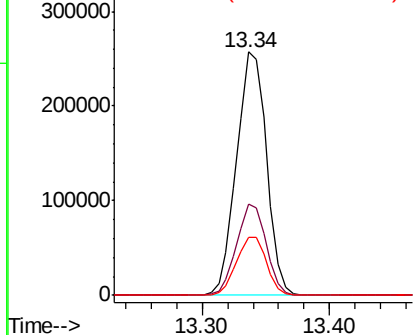
#45
2-Fluorobiphenyl
Concen: 65.885 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion:172 Resp: 421248
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 23.7 20.2 30.2

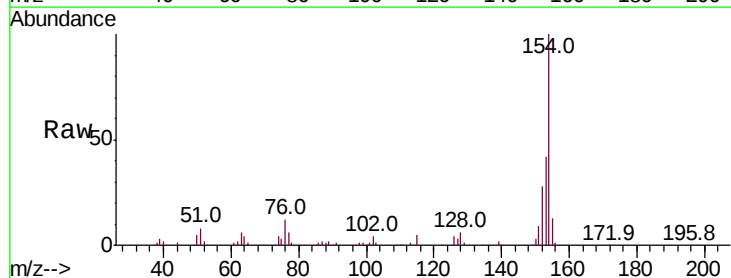


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

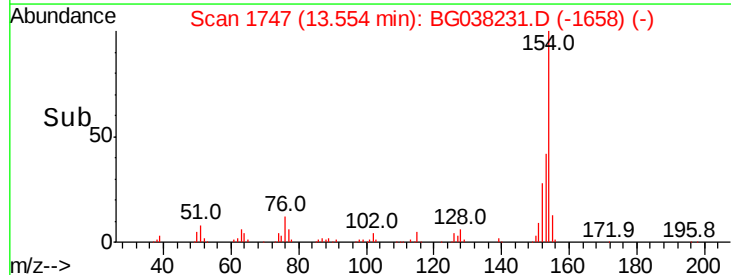
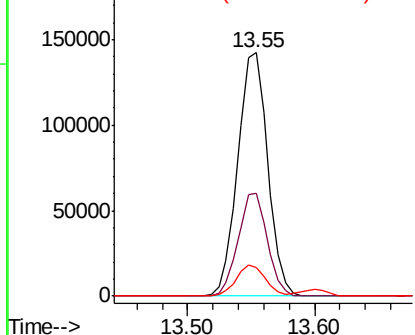


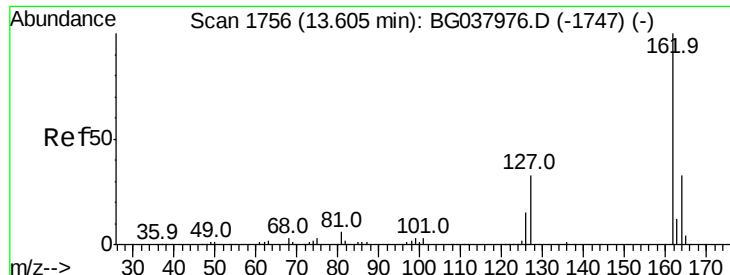
#46
1,1'-Biphenyl
Concen: 29.762 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:154 Resp: 232896
Ion Ratio Lower Upper
154 100
153 42.1 22.1 62.1
76 11.7 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

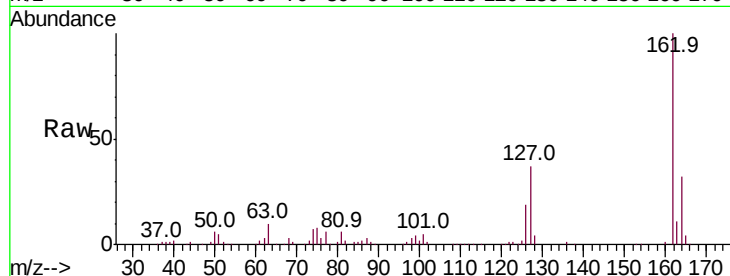




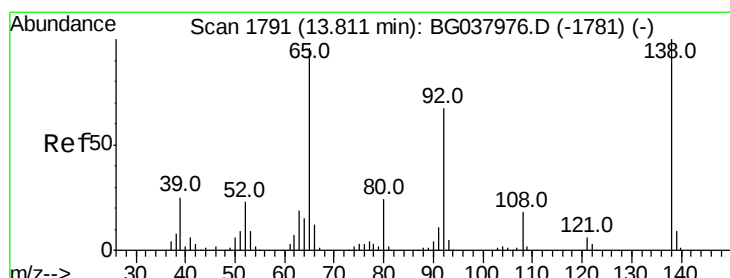
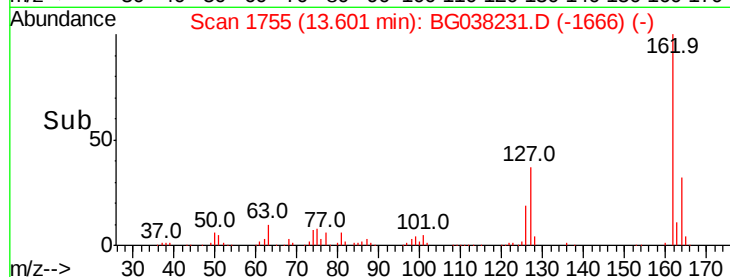
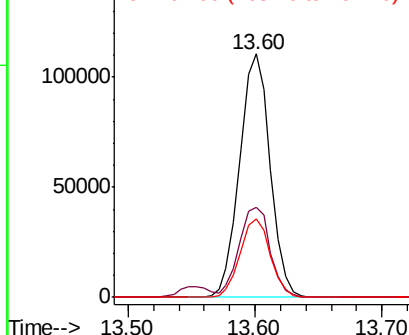
#47
2-Chloronaphthalene
Concen: 30.795 ng
RT: 13.60 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.5	45.7
164	32.3	26.4	39.6

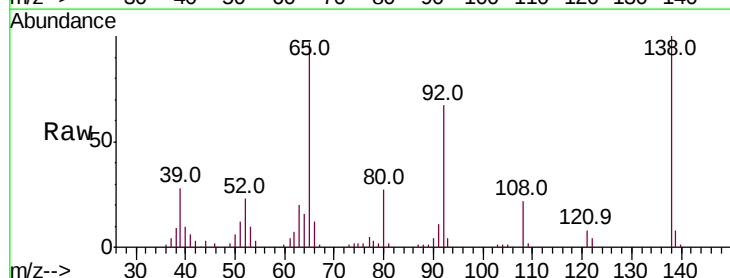


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

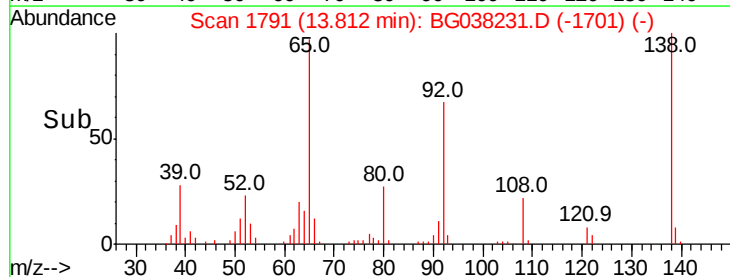
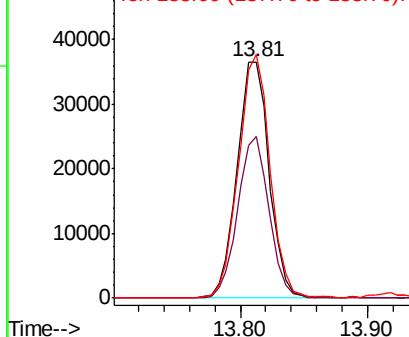


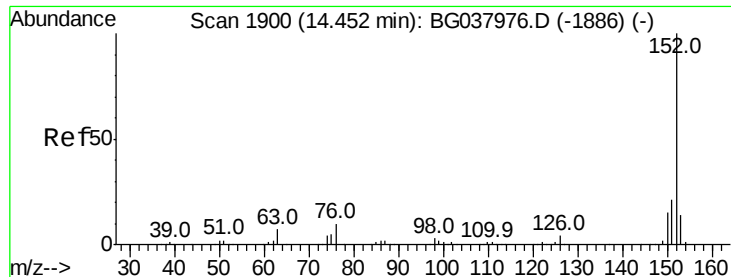
#48
2-Nitroaniline
Concen: 34.097 ng
RT: 13.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.2	79.8
138	103.0	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: 33.751 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

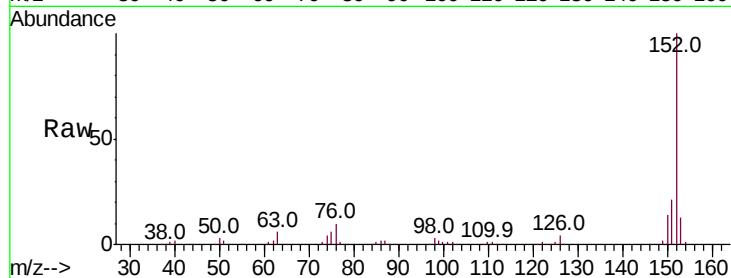
Tot Ion:152 Resp: 303073

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

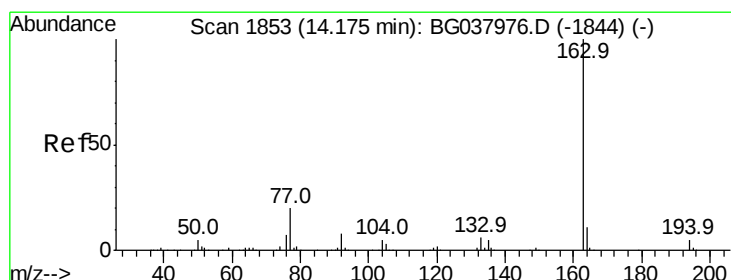
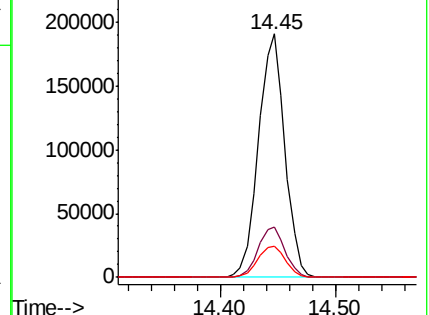
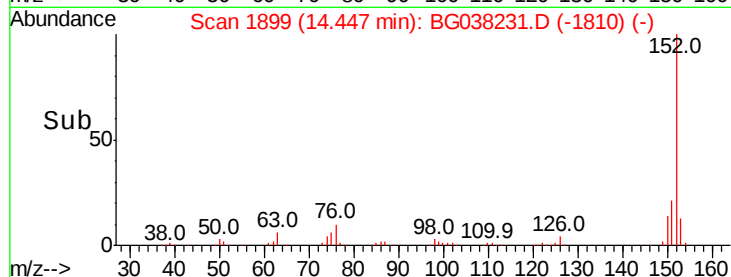
153 12.6 11.1 16.7



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: 31.832 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

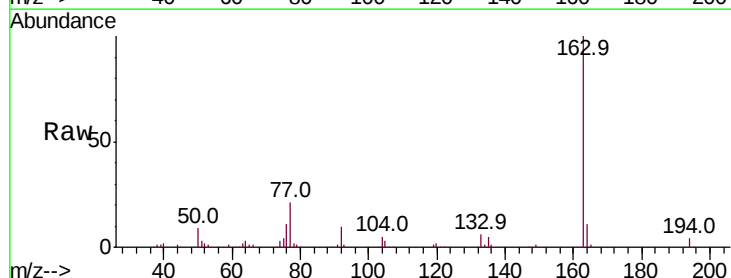
Tgt Ion:163 Resp: 235059

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

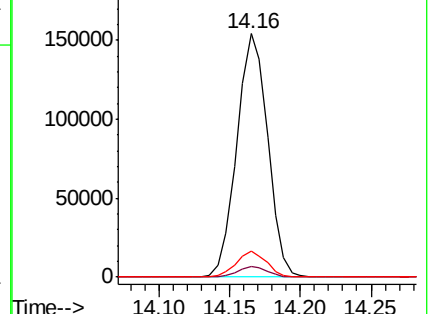
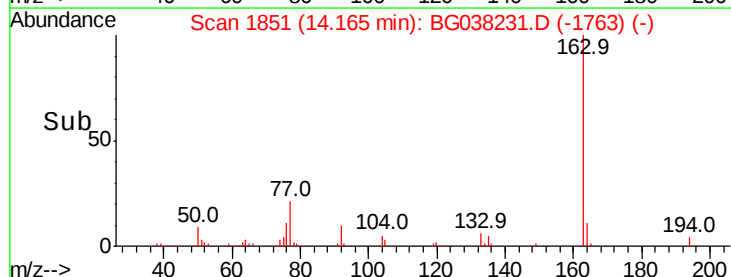
164 10.8 8.5 12.7

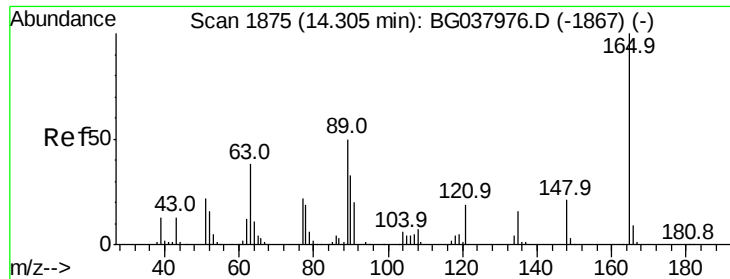


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

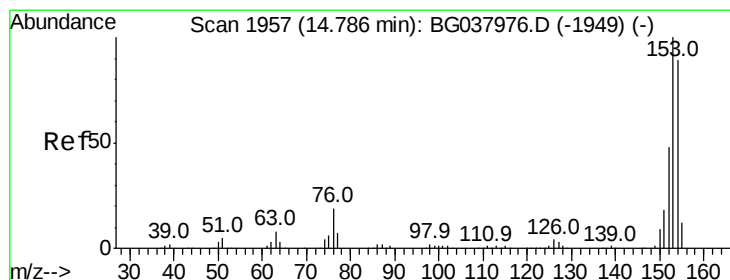
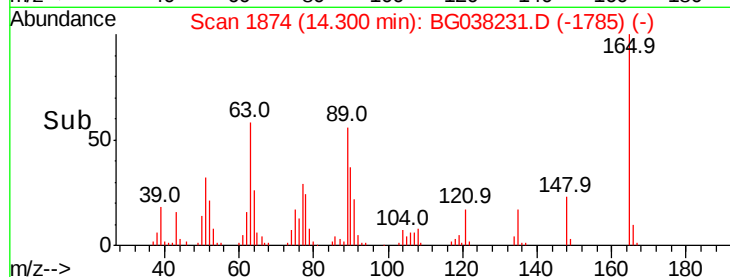
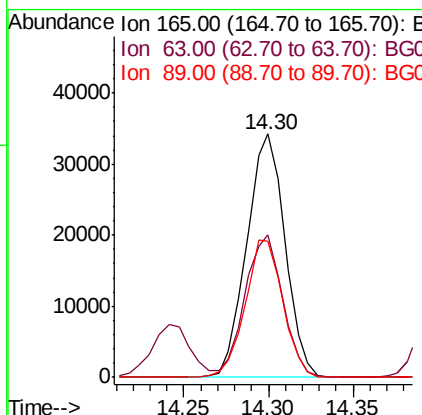
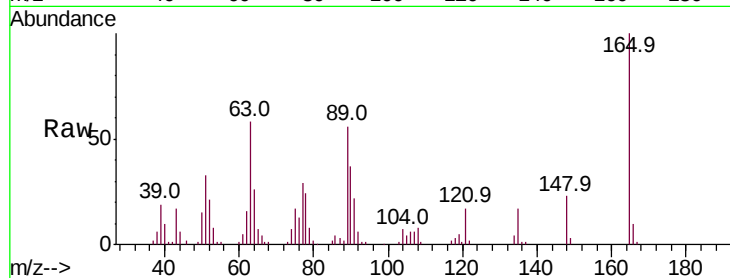




#51
2,6-Dinitrotoluene
Concen: 32.290 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

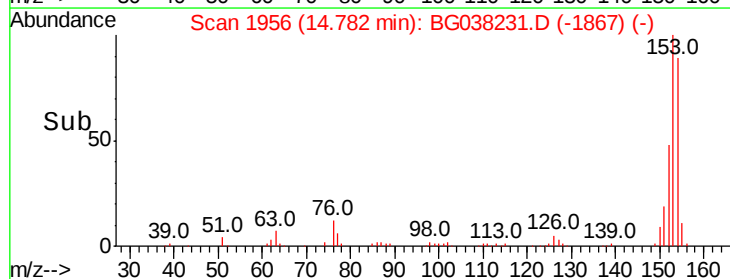
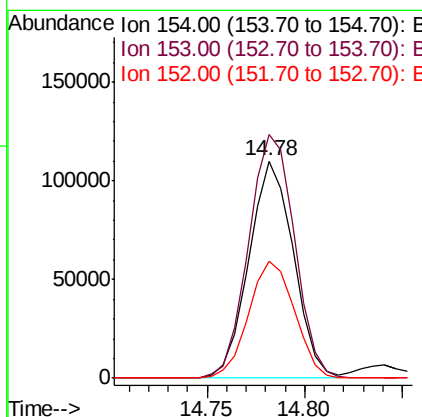
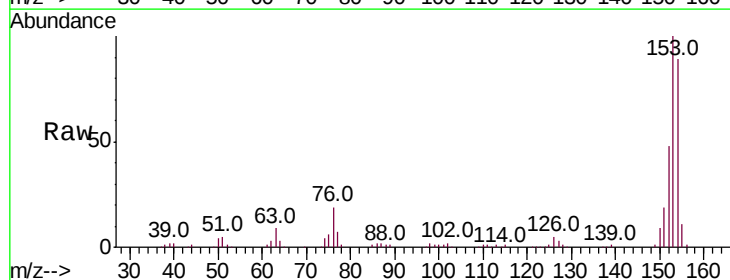
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion:165 Resp: 53965
Ion Ratio Lower Upper
165 100
63 58.4 43.4 65.2
89 56.0 45.8 68.6



#52
Acenaphthene
Concen: 32.168 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:154 Resp: 173899
Ion Ratio Lower Upper
154 100
153 112.3 93.4 140.0
152 54.0 44.7 67.1

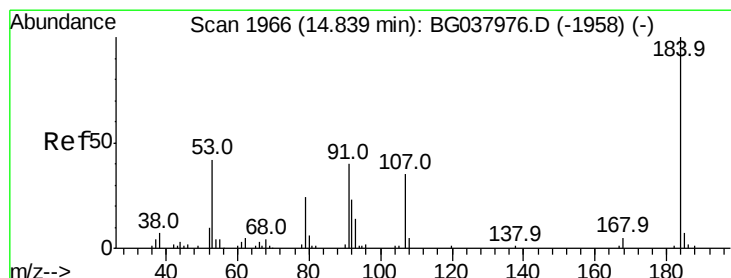
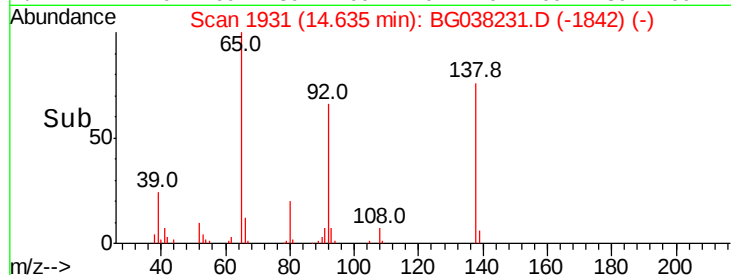
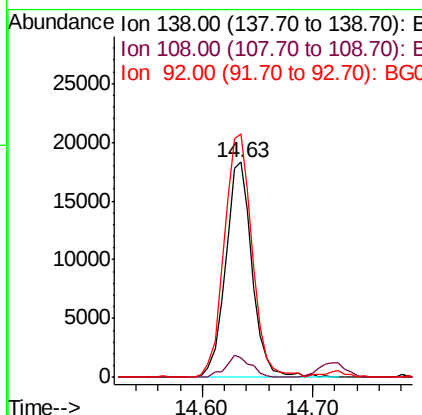
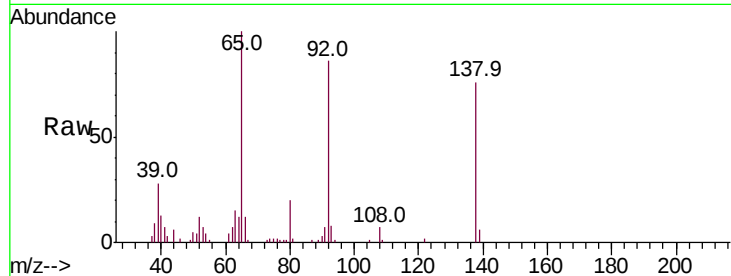




#53
3-Nitroaniline
Concen: 16.650 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

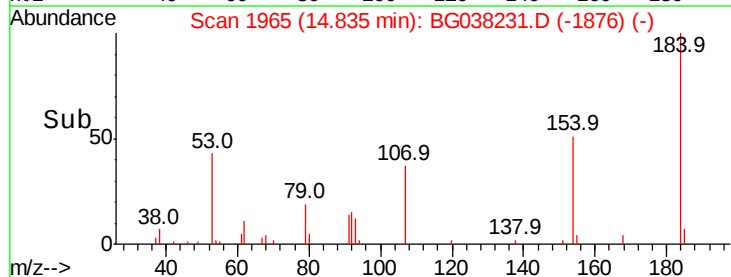
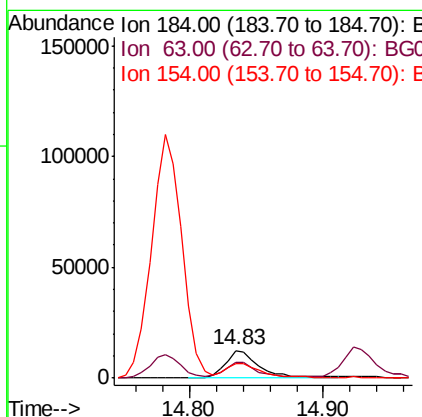
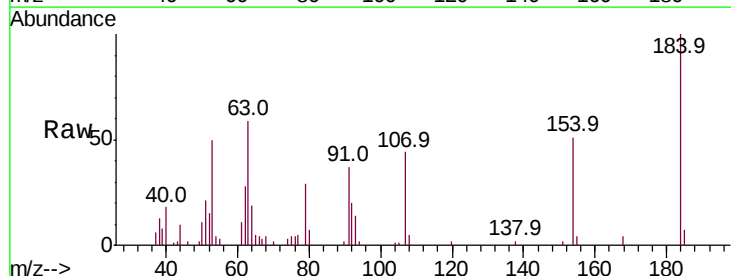
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

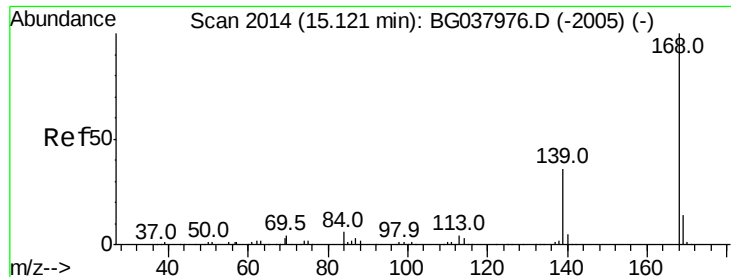
Tot Ion:138 Resp: 30706
Ion Ratio Lower Upper
138 100
108 9.3 11.0 16.6#
92 113.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 31.445 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:184 Resp: 22613
Ion Ratio Lower Upper
184 100
63 59.0 42.6 63.8
154 51.2 41.8 62.6





#55

Dibenzenofuran

Concen: 31.660 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

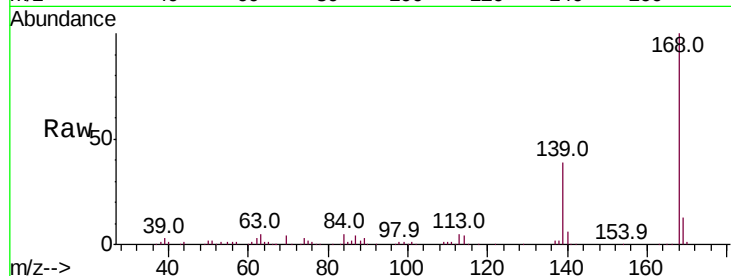
Tot Ion:168 Resp: 283007

Ion Ratio Lower Upper

168 100

139 38.8 29.4 44.0

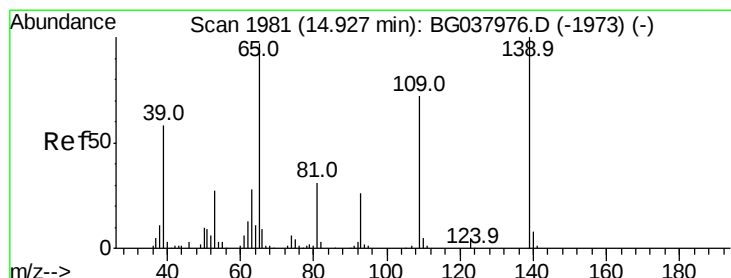
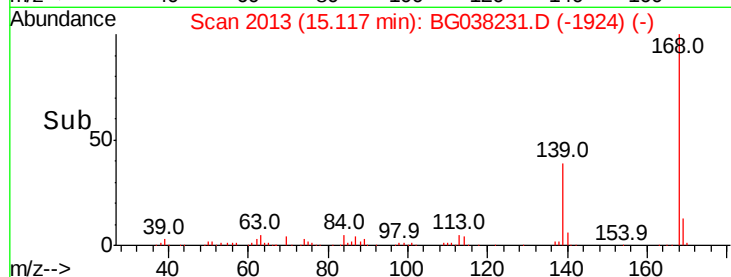
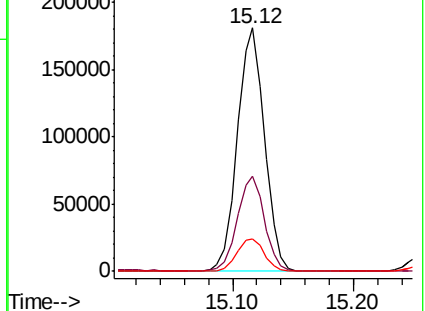
169 13.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 57.121 ng

RT: 14.93 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

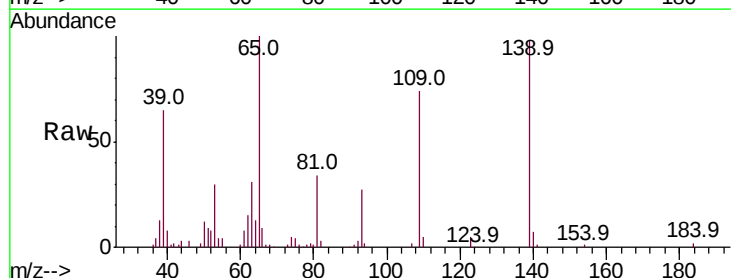
Tgt Ion:139 Resp: 81246

Ion Ratio Lower Upper

139 100

109 75.4 49.5 89.5

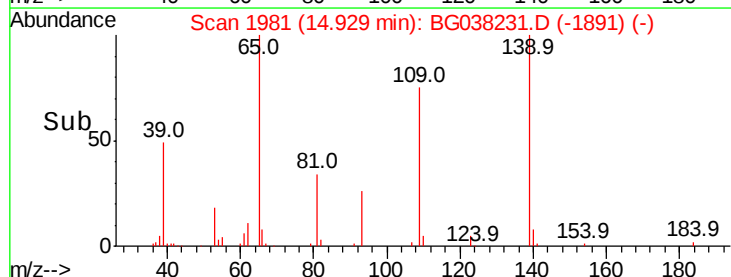
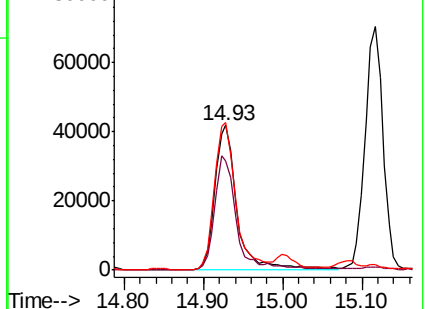
65 101.7 76.8 116.8

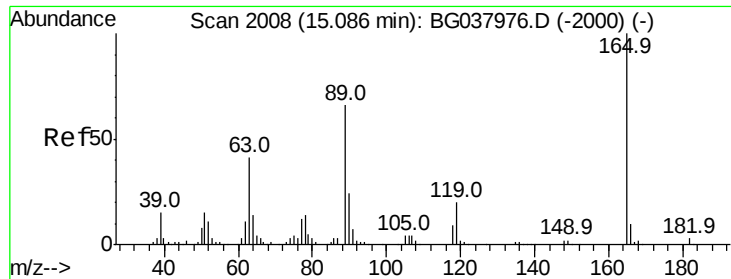


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

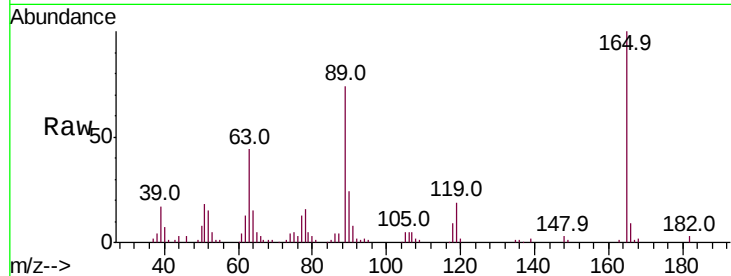




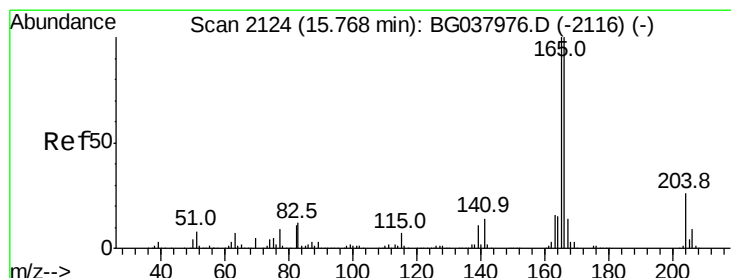
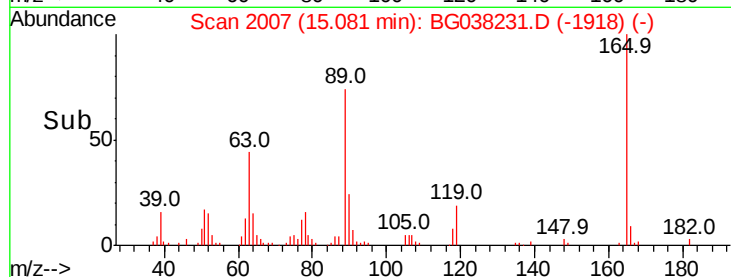
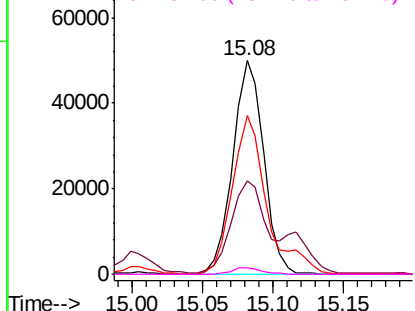
#57
2,4-Dinitrotoluene
Concen: 33.442 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion:165 Resp: 76044
Ion Ratio Lower Upper
165 100
63 43.8 33.4 50.0
89 74.4 57.2 85.8
182 3.0 2.6 4.0

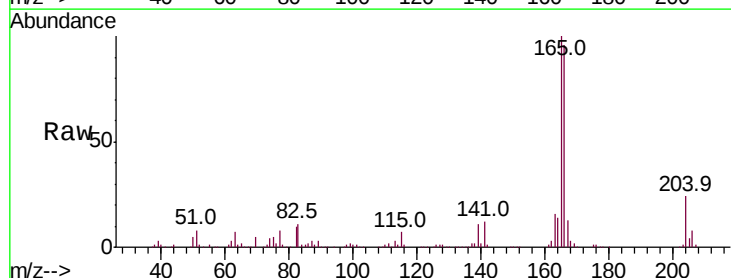


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

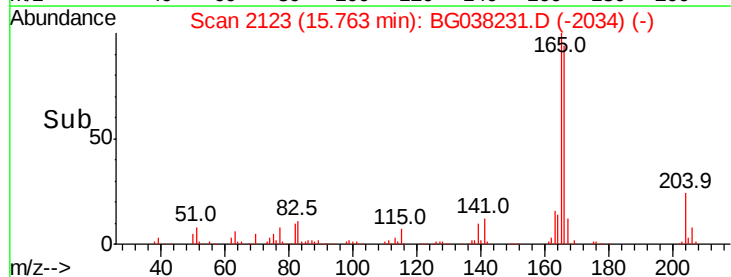
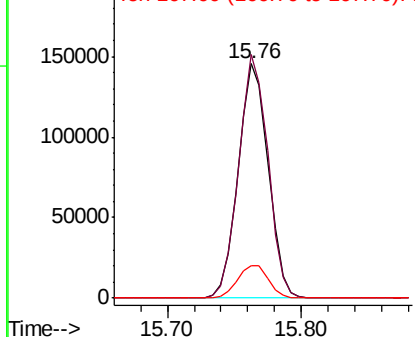


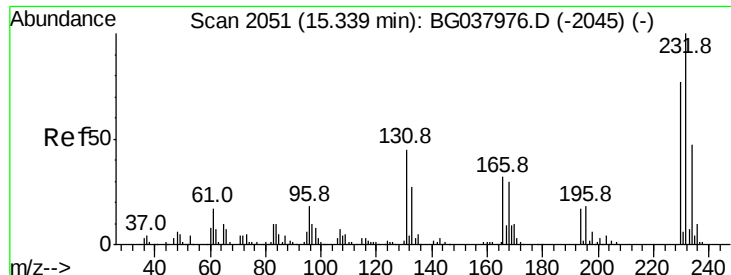
#58
Fluorene
Concen: 33.786 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:166 Resp: 225335
Ion Ratio Lower Upper
166 100
165 103.8 79.0 118.6
167 13.7 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

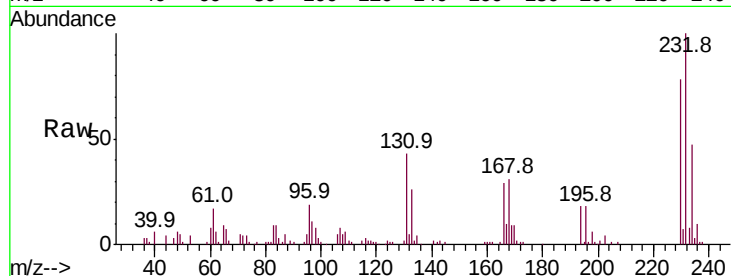




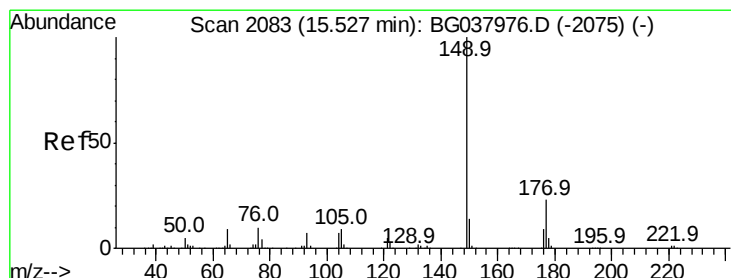
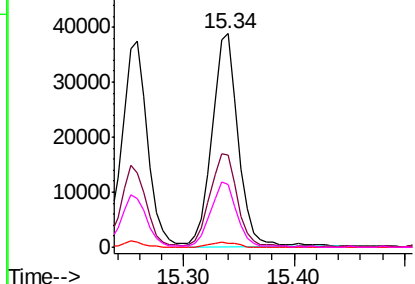
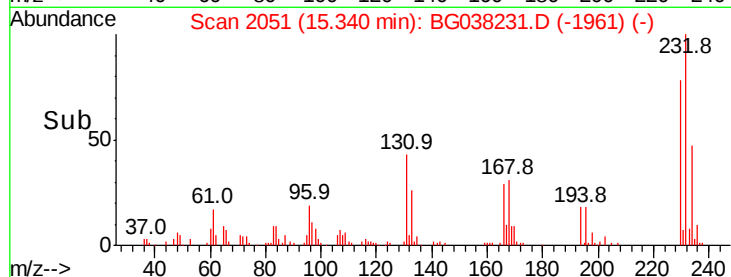
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.689 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

Tot Ion:232 Resp: 62910
 Ion Ratio Lower Upper
 232 100
 131 46.5 33.7 50.5
 130 2.6 2.1 3.1
 166 31.0 24.6 36.8

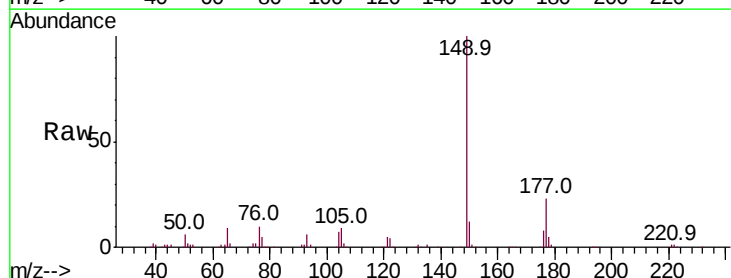


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

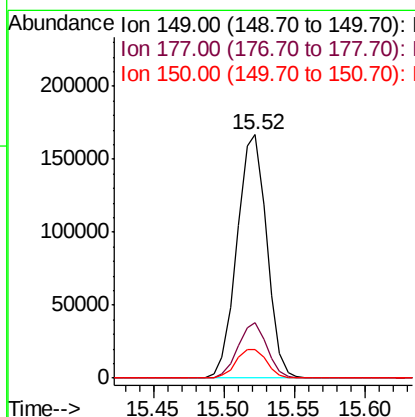
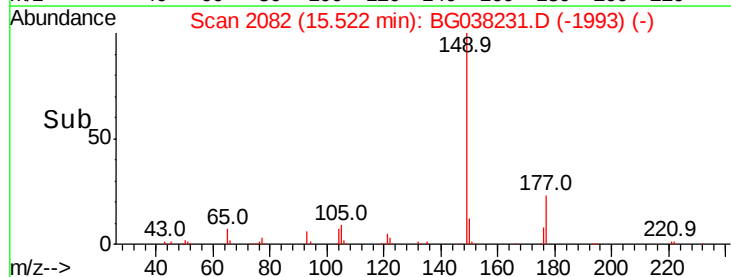


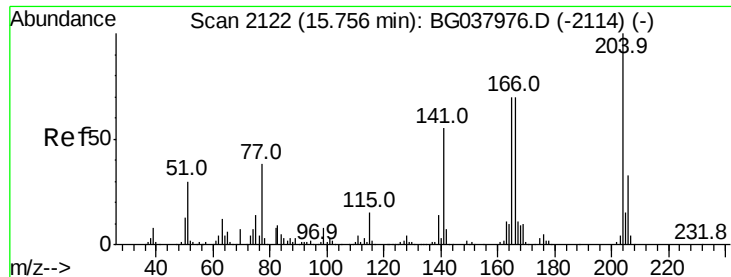
#60
 Diethylphthalate
 Concen: 31.306 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Tgt Ion:149 Resp: 245541
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.3 27.5
 150 12.0 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

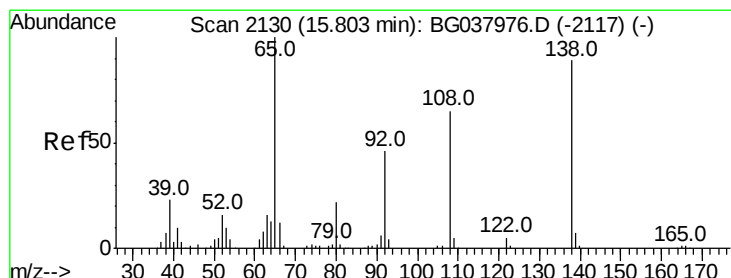
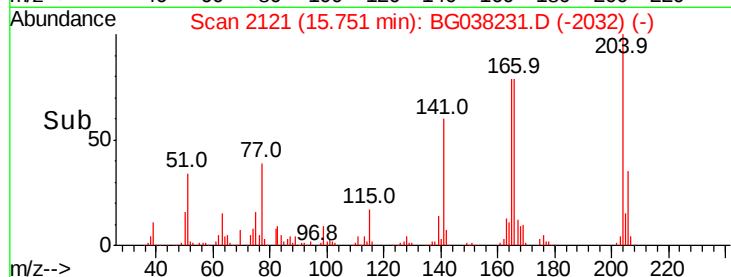
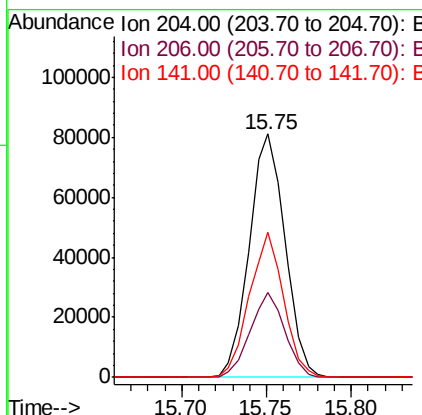
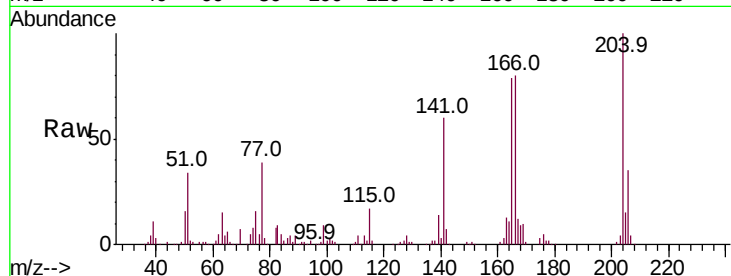




#61
4-Chlorophenyl-phenylether
Concen: 30.582 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

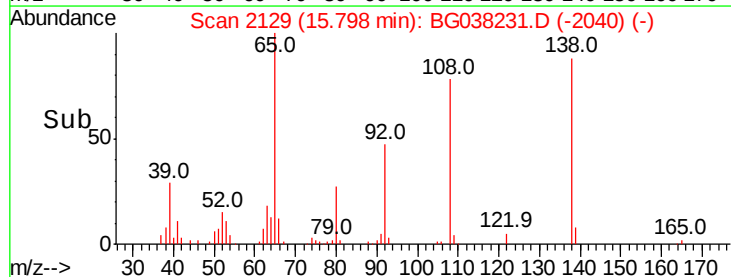
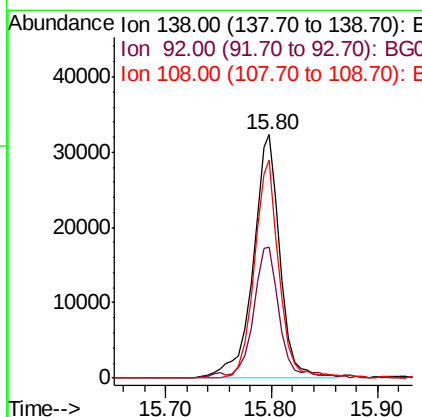
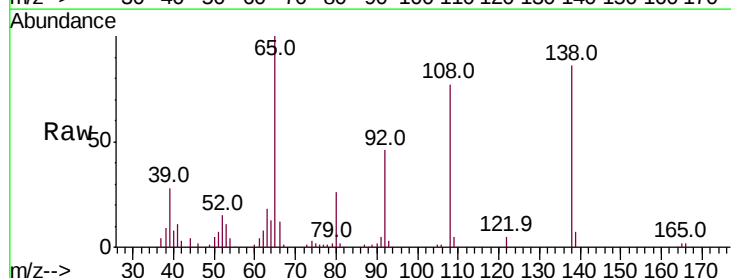
Instrument :
BNA_G
ClientSampleID :
PB115120BSD

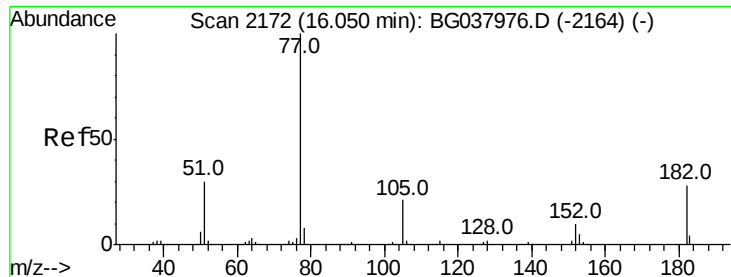
Tot Ion:204 Resp: 119348
Ion Ratio Lower Upper
204 100
206 34.7 26.6 39.8
141 59.6 45.4 68.2



#62
4-Nitroaniline
Concen: 31.094 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:138 Resp: 56965
Ion Ratio Lower Upper
138 100
92 53.8 36.4 76.4
108 89.4 60.1 100.1

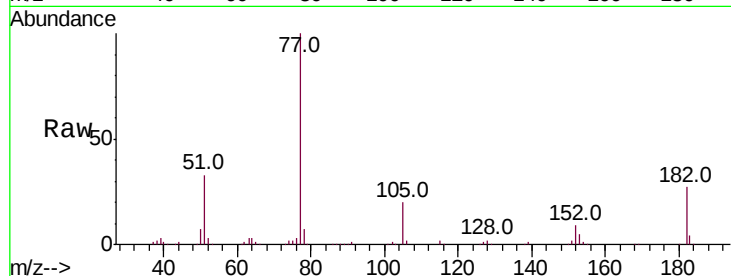




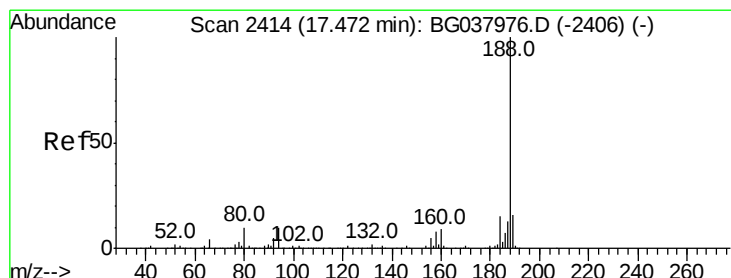
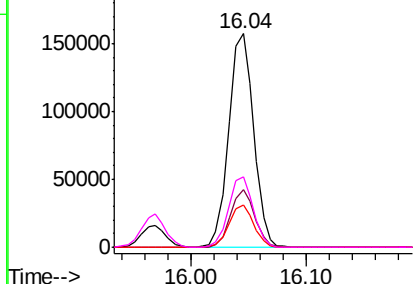
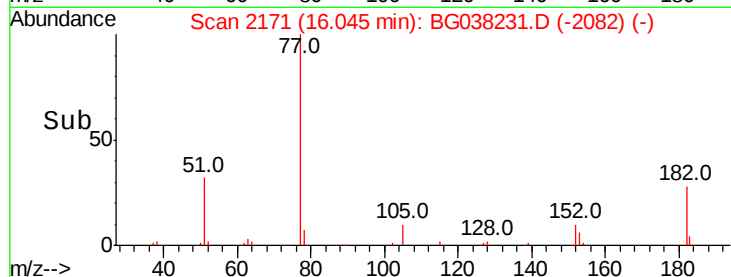
#63
Azobenzene
Concen: 33.483 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Instrument :
BNA_G
ClientSampleId :
PB115120BSD

Tot Ion: 77 Resp: 234812
Ion Ratio Lower Upper
77 100
182 26.8 8.0 48.0
105 19.8 1.3 41.3
51 33.2 10.7 50.7

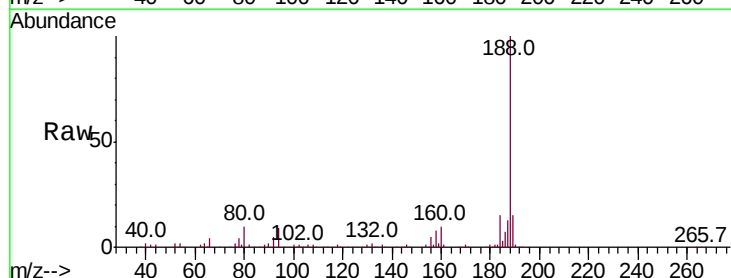


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

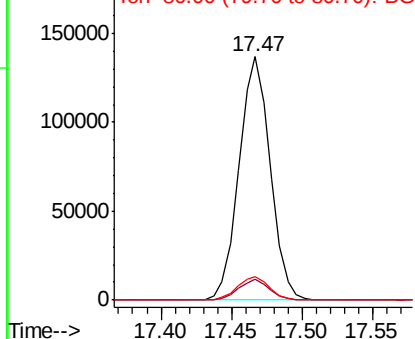
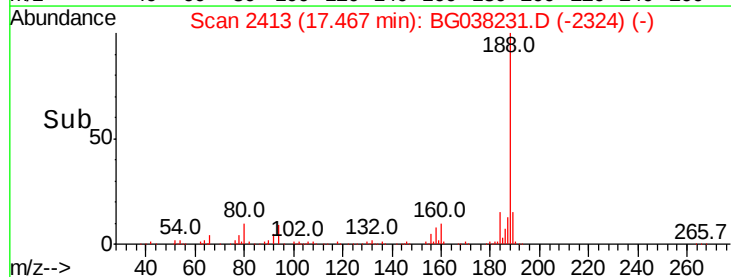


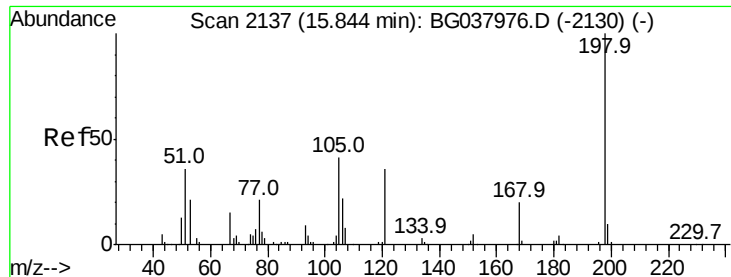
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion: 188 Resp: 210399
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 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: 22.582 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

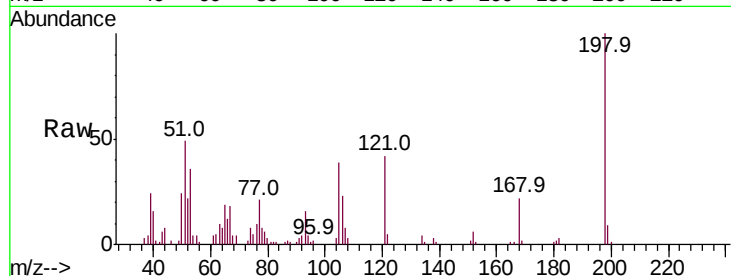
Tot Ion:198 Resp: 30051

Ion Ratio Lower Upper

198 100

51 48.8 22.7 62.7

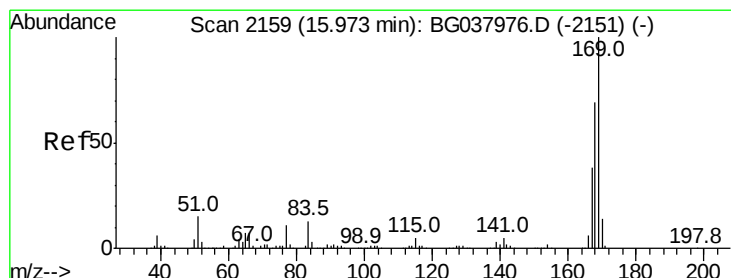
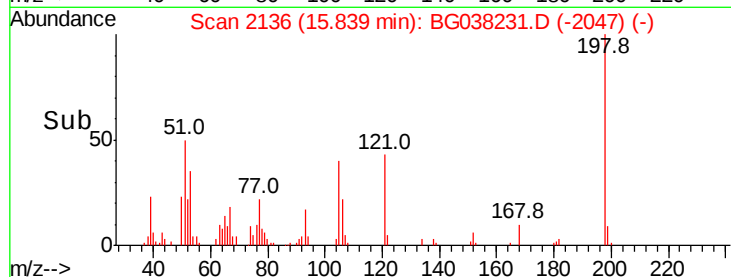
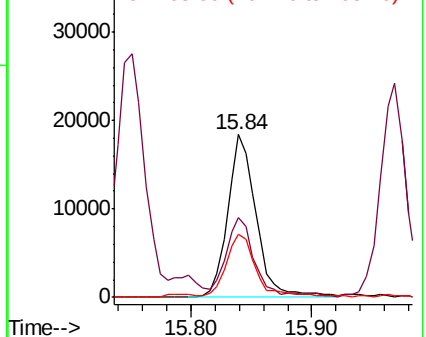
105 38.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.587 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

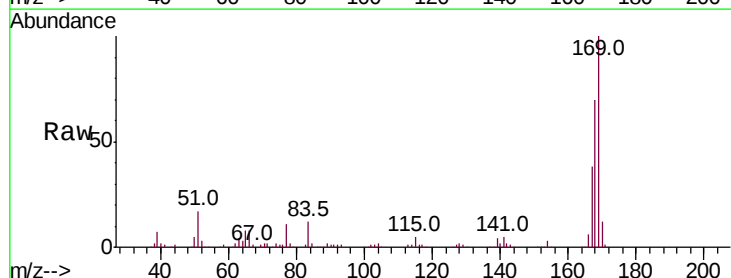
Tgt Ion:169 Resp: 207422

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

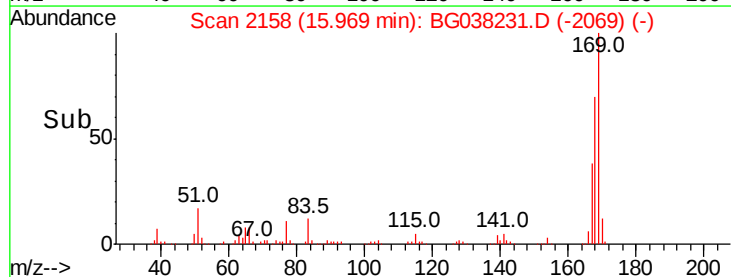
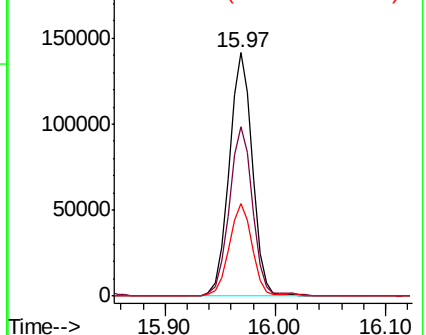
167 38.1 31.3 46.9

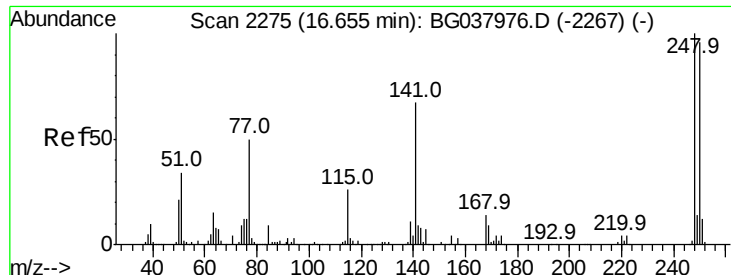


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

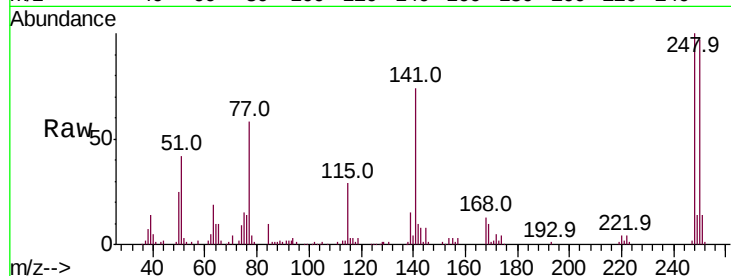




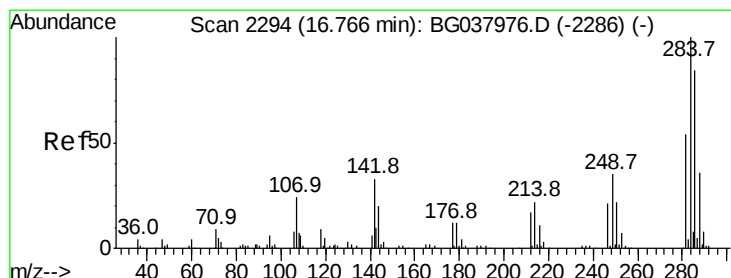
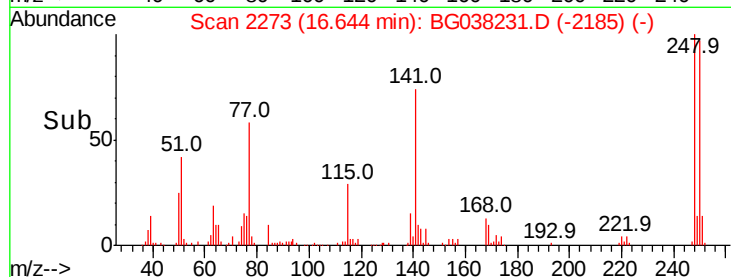
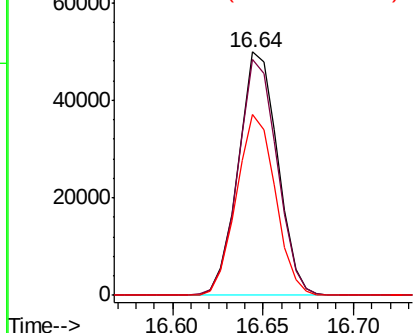
#67
 4-Bromophenyl-phenylether
 Concen: 32.515 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

Tot Ion:248 Resp: 75088
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.0 115.6
 141 74.3 55.5 83.3

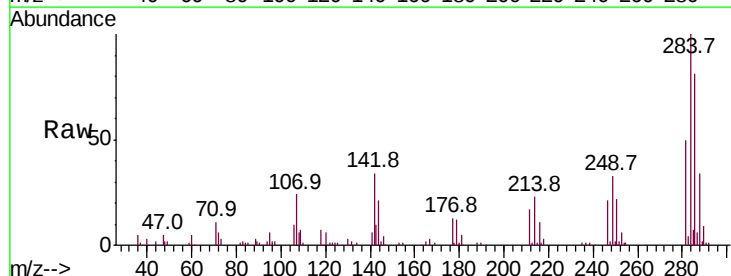


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

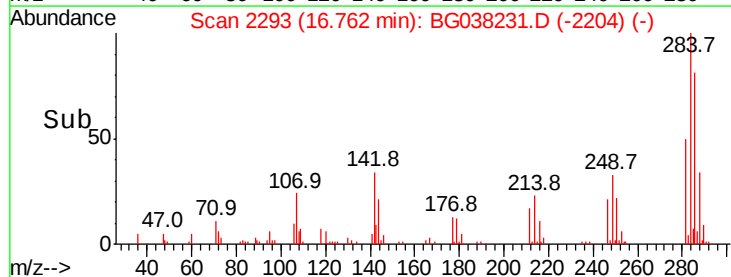
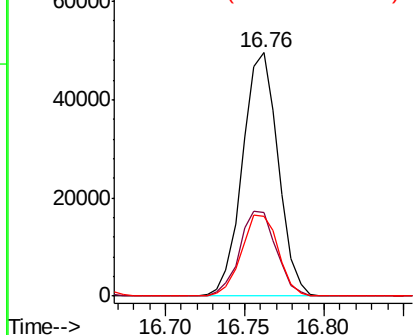


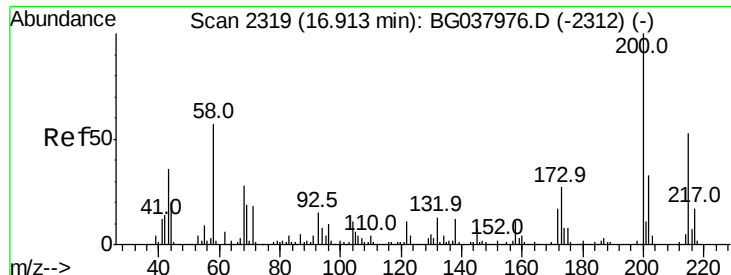
#68
 Hexachlorobenzene
 Concen: 32.483 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Tgt Ion:284 Resp: 77429
 Ion Ratio Lower Upper
 284 100
 142 34.1 28.1 42.1
 249 35.1 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: 33.087 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

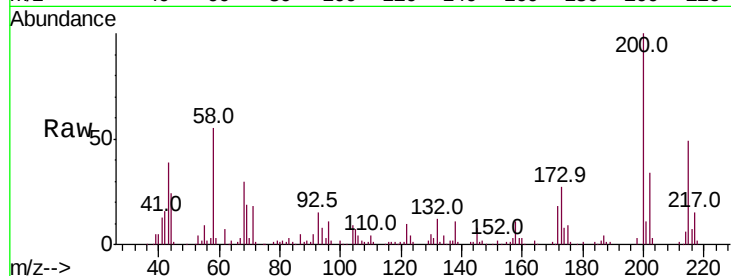
Tot Ion:200 Resp: 77637

Ion Ratio Lower Upper

200 100

173 26.6 6.1 46.1

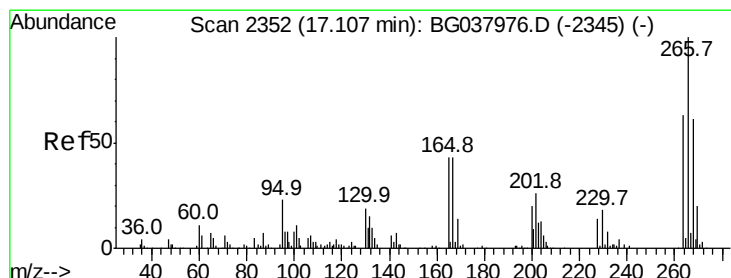
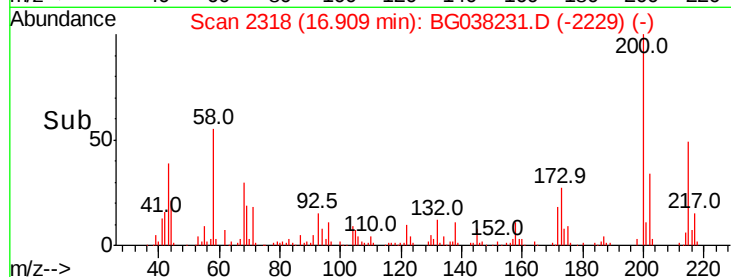
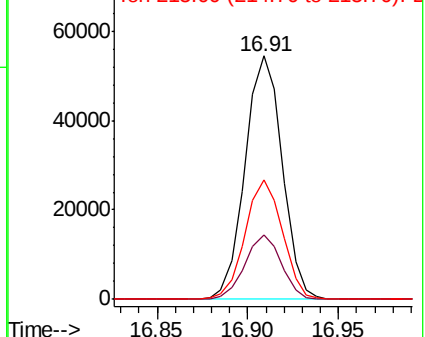
215 49.3 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 46.520 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

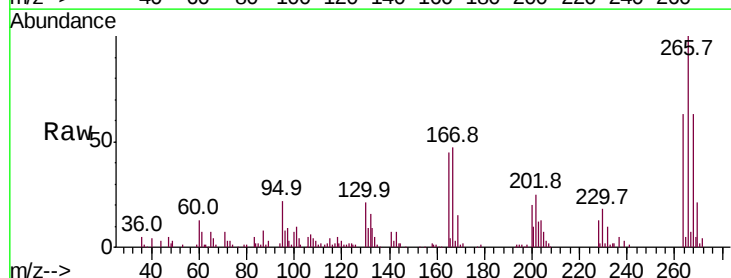
Tgt Ion:266 Resp: 75312

Ion Ratio Lower Upper

266 100

268 68.1 55.0 82.6

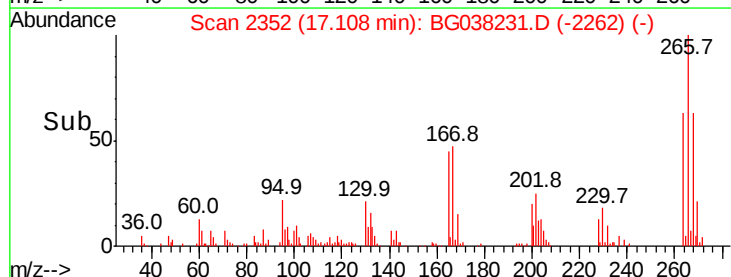
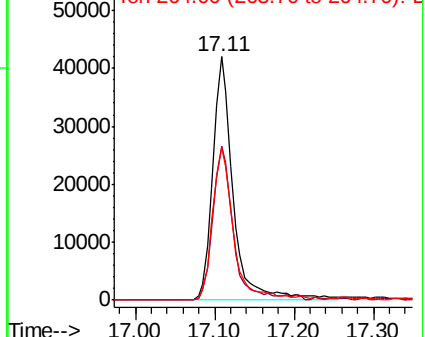
264 68.2 58.9 88.3

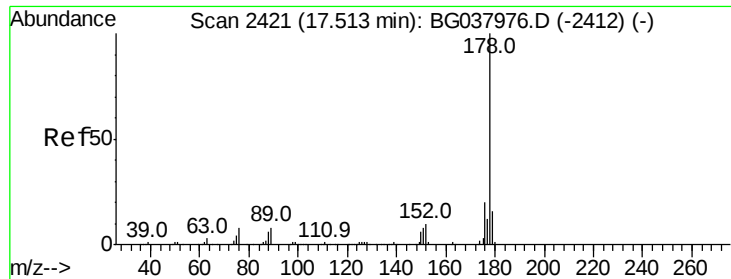


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

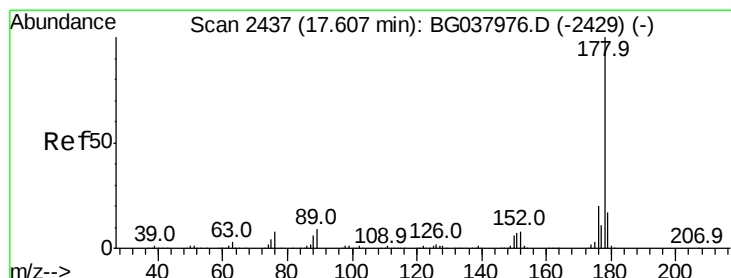
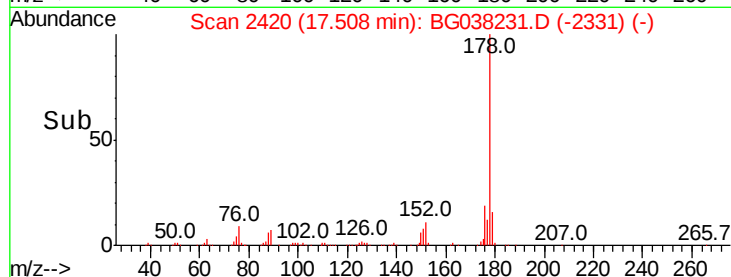
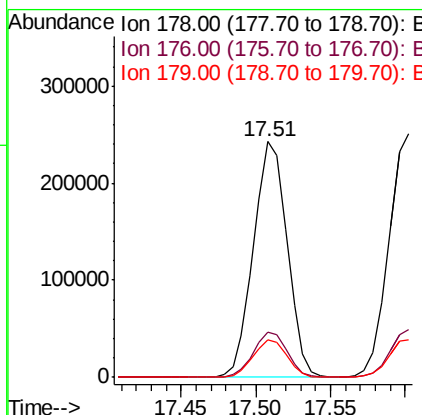
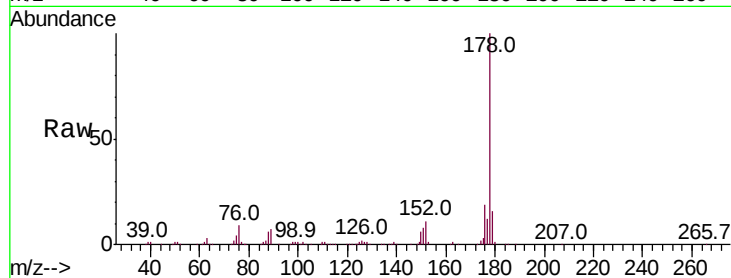




#71
Phenanthrene
Concen: 35.226 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

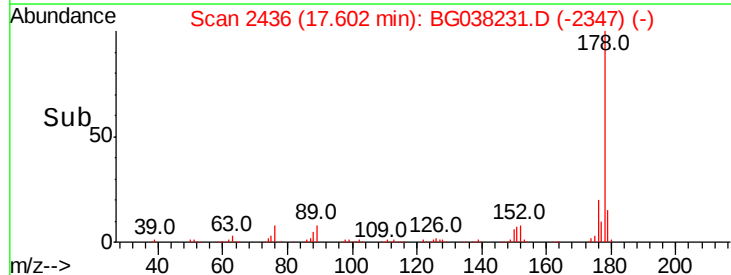
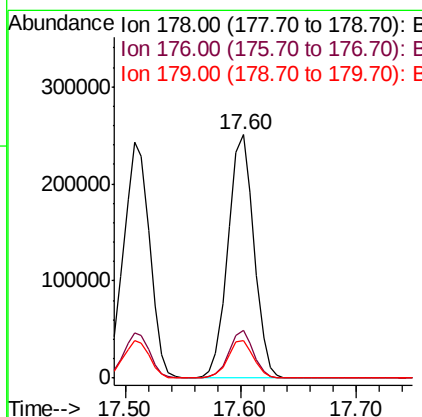
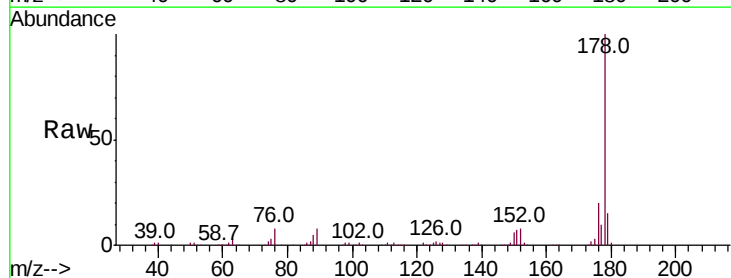
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

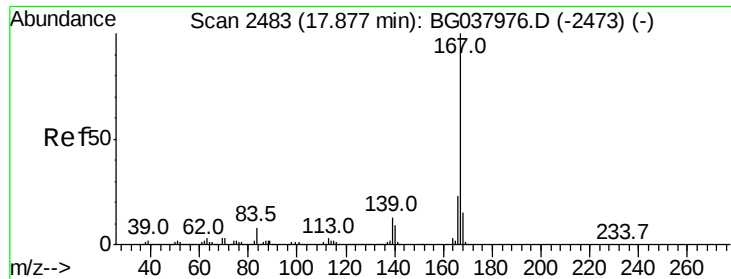
Tot Ion:178 Resp: 379464
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 15.8 13.0 19.4



#72
Anthracene
Concen: 36.639 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:178 Resp: 389054
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 15.5 12.8 19.2





#73

Carbazole

Concen: 32.738 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

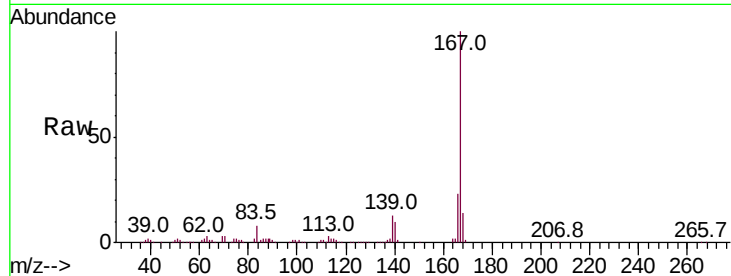
Tot Ion:167 Resp: 348770

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

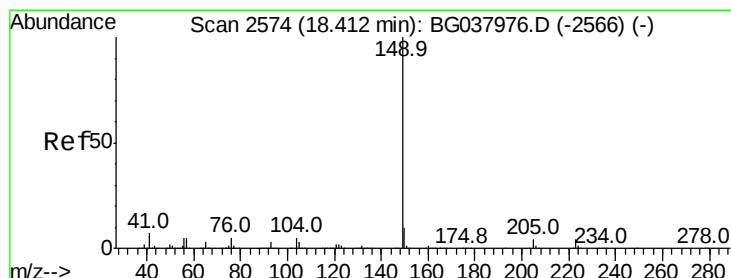
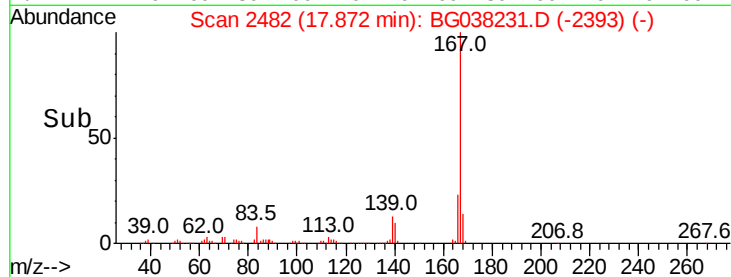
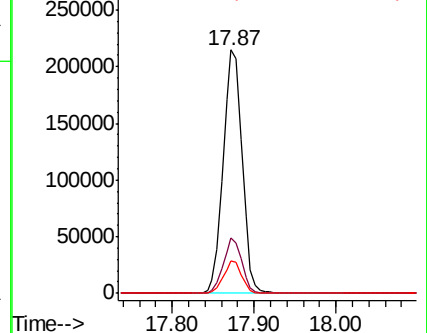
139 13.3 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 35.657 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

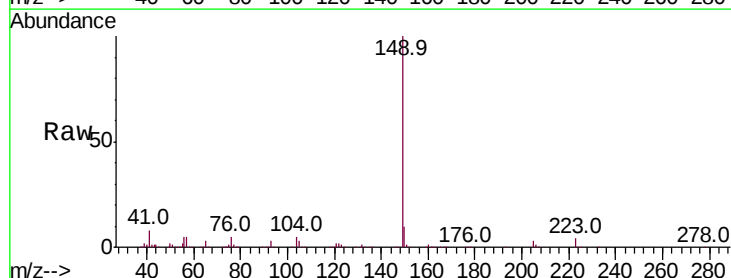
Tgt Ion:149 Resp: 426418

Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.2

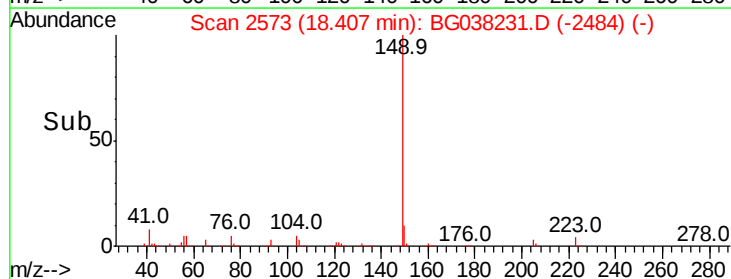
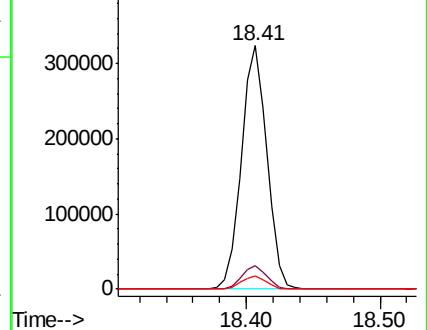
104 5.4 4.0 6.0

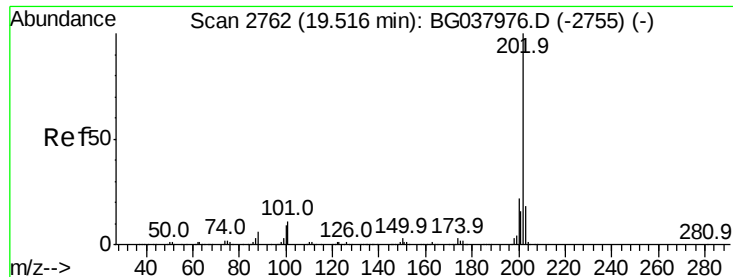


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.943 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

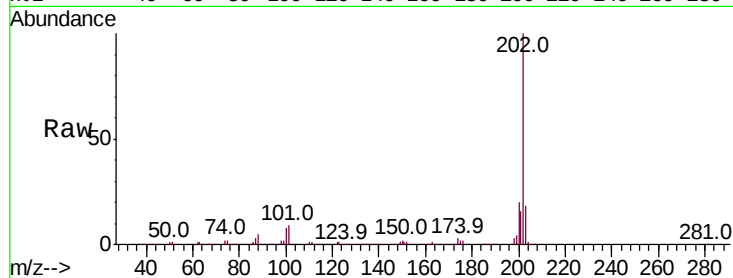
Tot Ion:202 Resp: 454041

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.7

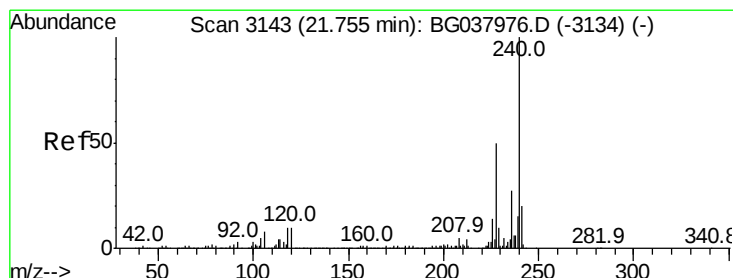
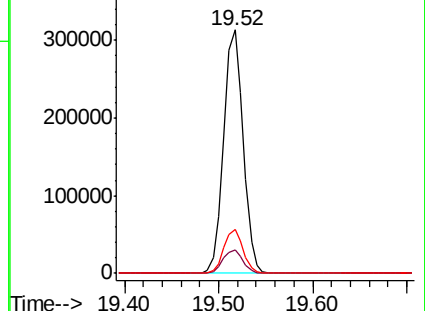
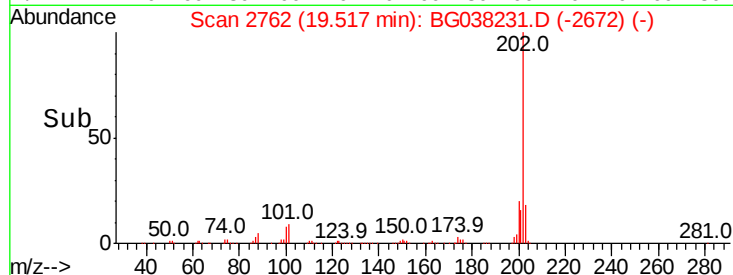
203 18.0 0.0 38.5



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

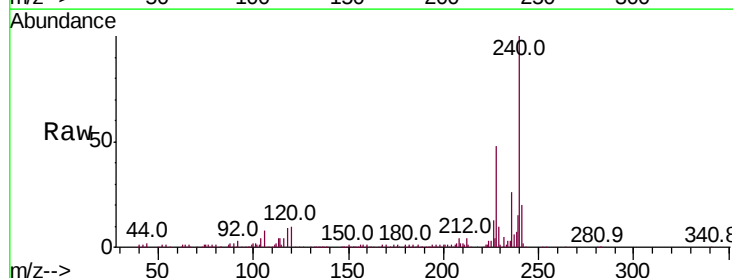
Tgt Ion:240 Resp: 197669

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

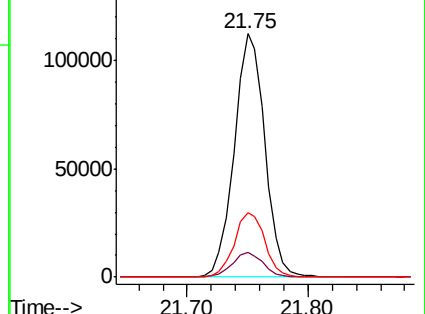
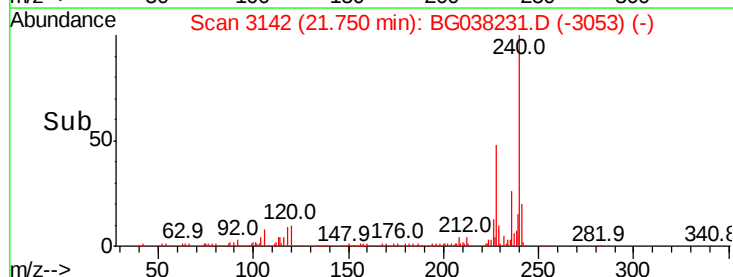
236 26.3 21.4 32.0

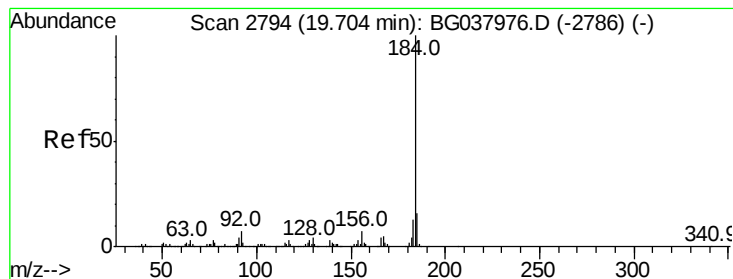


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.220 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

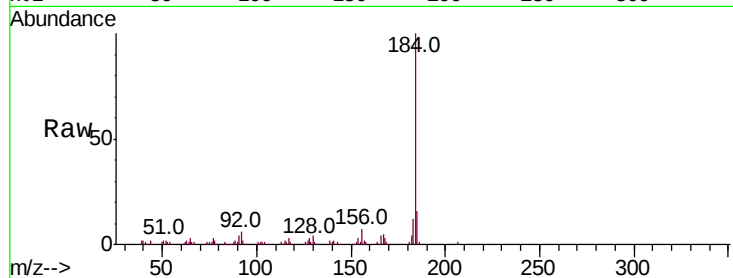
Tot Ion:184 Resp: 98634

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

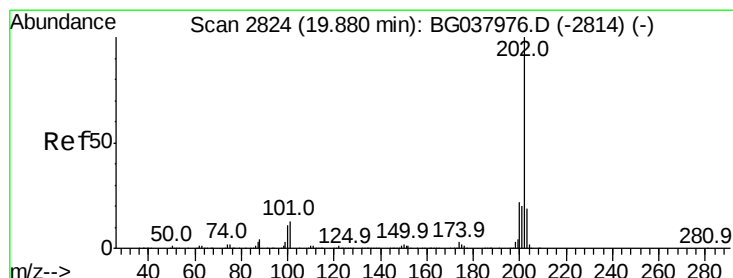
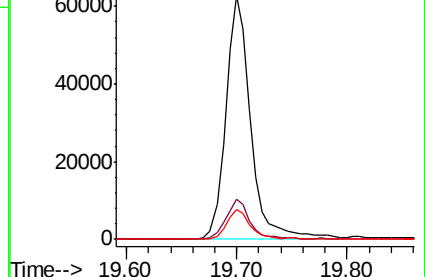
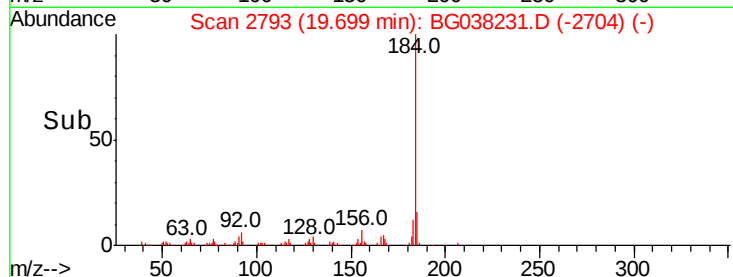
183 12.1 10.2 15.2



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: 34.990 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

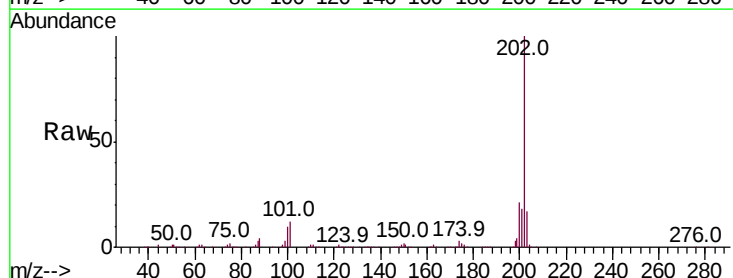
Tgt Ion:202 Resp: 452201

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

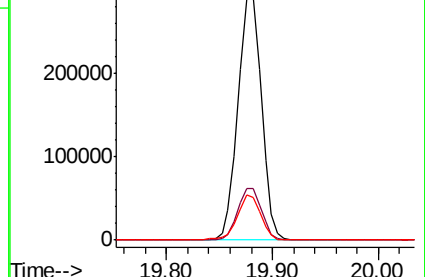
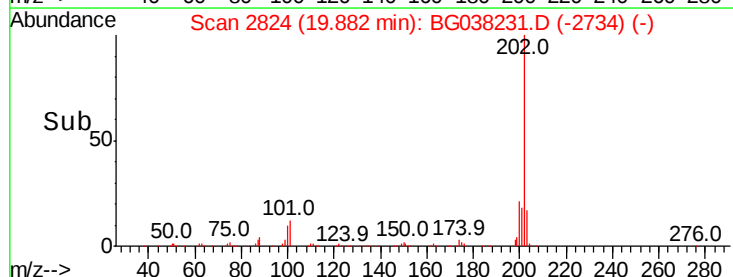
203 17.3 15.2 22.8



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: 74.978 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

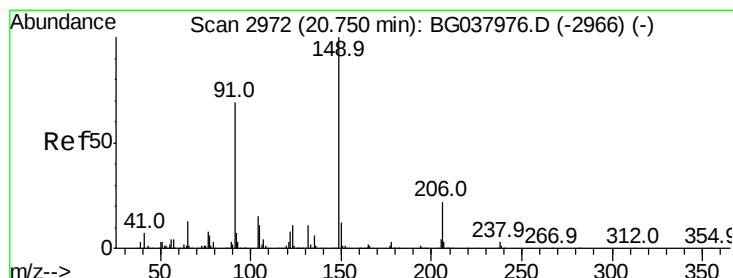
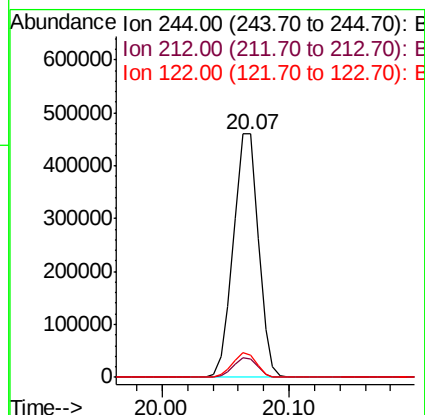
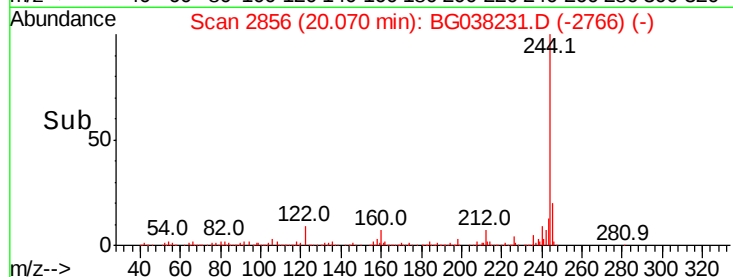
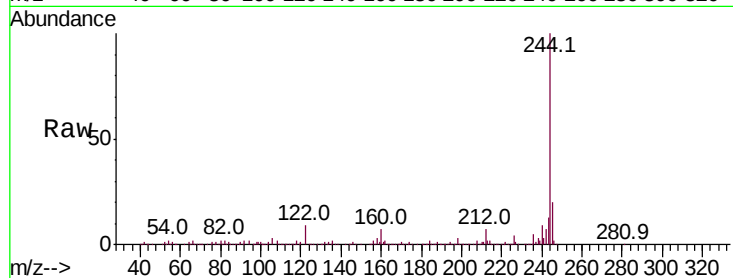
Tot Ion:244 Resp: 629870

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.9 9.0 13.4#



#80

Butylbenzylphthalate

Concen: 34.389 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

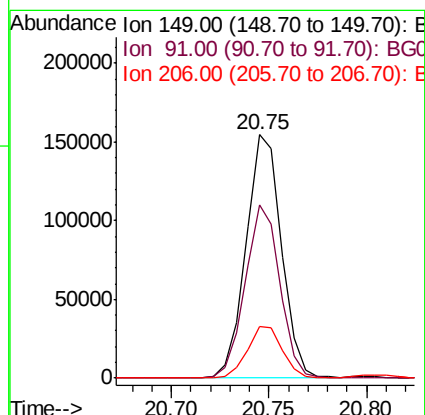
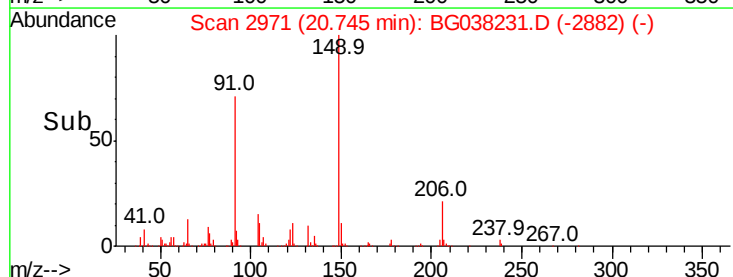
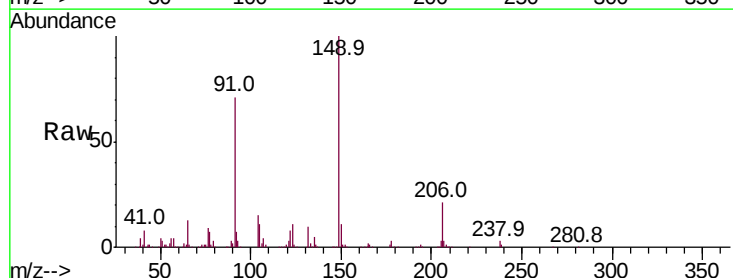
Tgt Ion:149 Resp: 194356

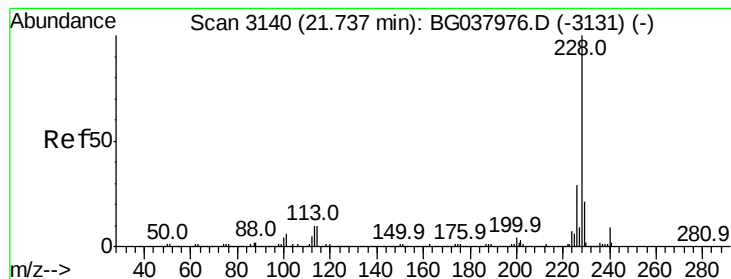
Ion Ratio Lower Upper

149 100

91 71.2 57.0 85.4

206 21.4 17.8 26.6





#81

Benzo(a)anthracene

Concen: 35.680 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

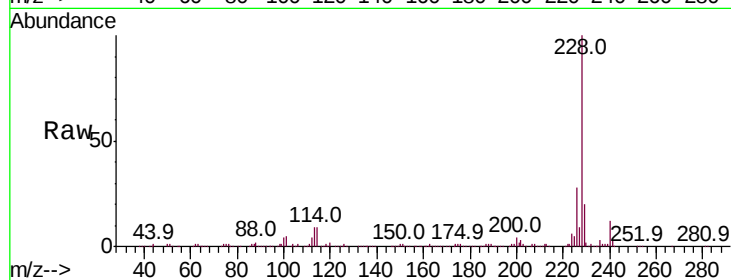
Tot Ion:228 Resp: 426204

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.7	16.3	24.5

228 100

226 27.7 22.6 33.8

229 19.7 16.3 24.5

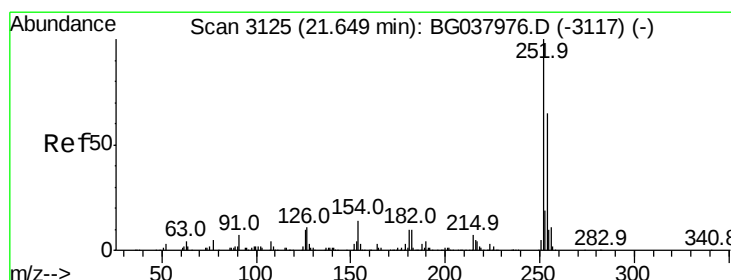
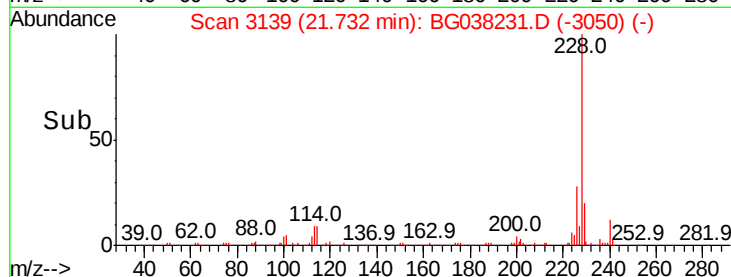
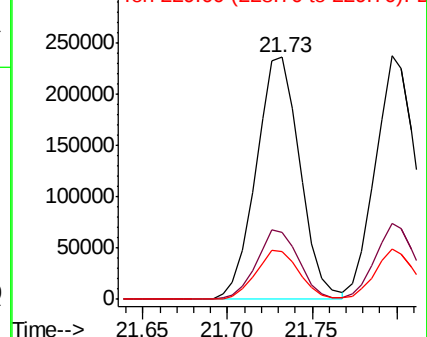


Abundance

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: 16.837 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

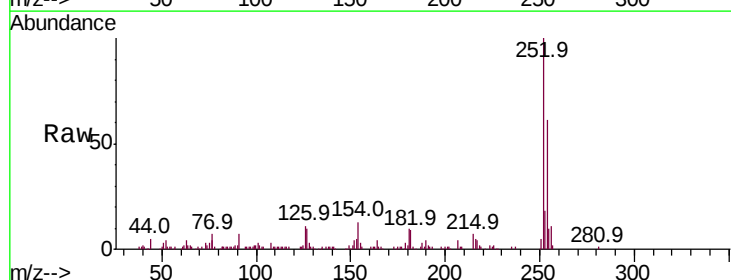
Tgt Ion:252 Resp: 78343

Ion	Ratio	Lower	Upper
252	100		
254	61.4	52.0	78.0
126	10.9	8.2	12.4

252 100

254 61.4 52.0 78.0

126 10.9 8.2 12.4

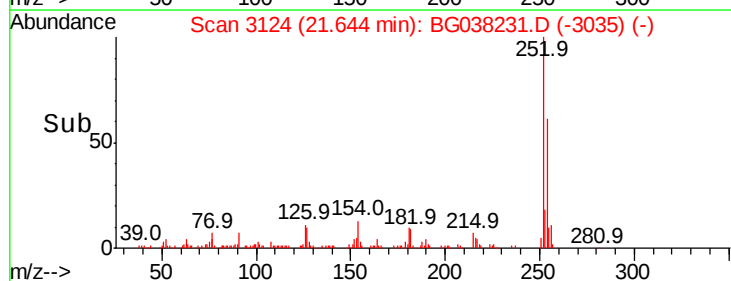
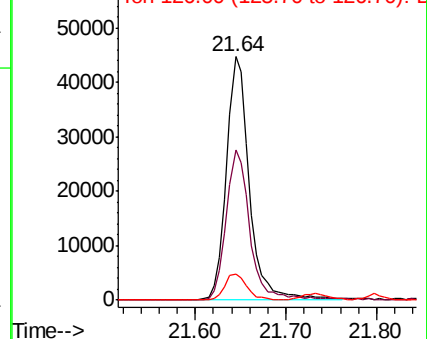


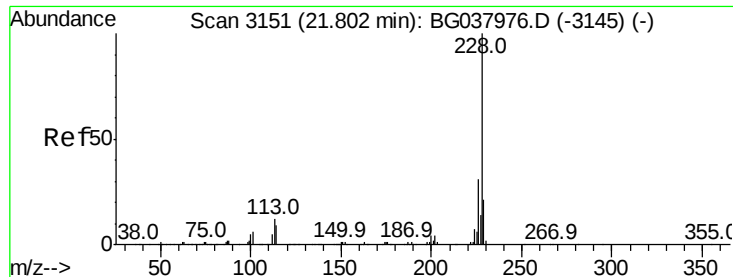
Abundance

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

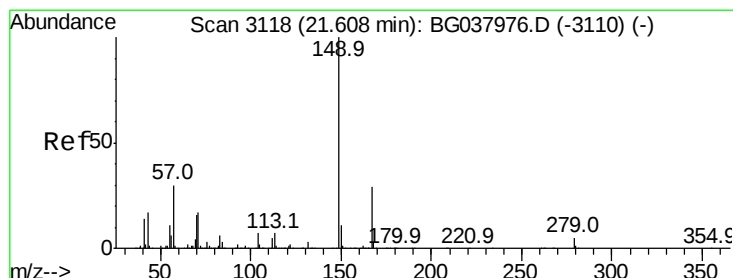
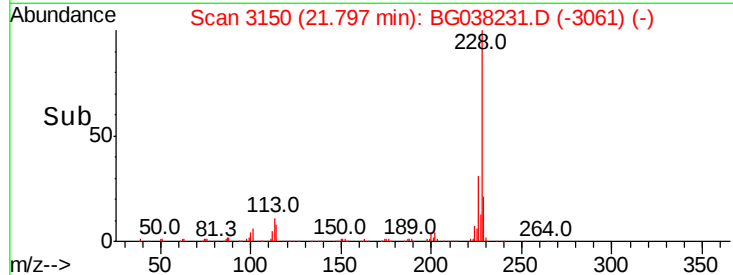
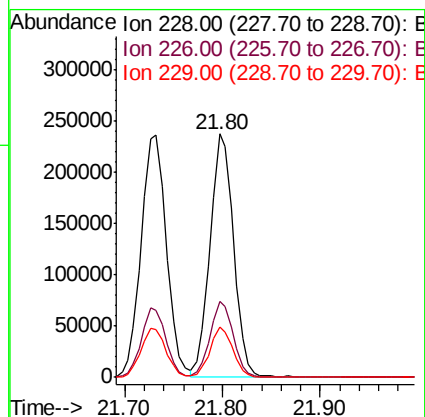
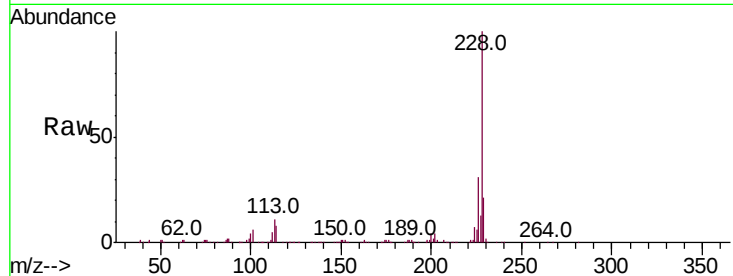




#83
 Chrysene
 Concen: 34.566 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

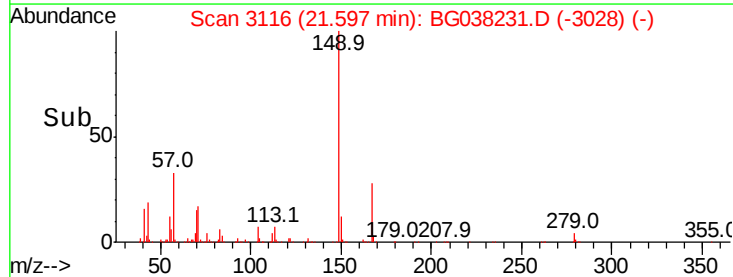
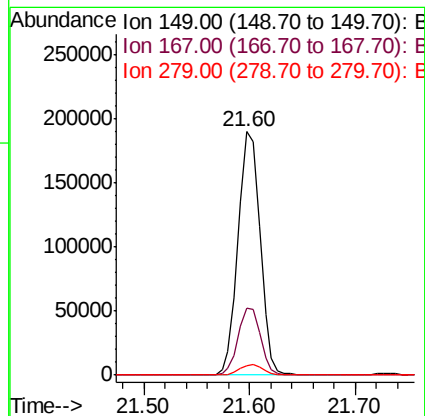
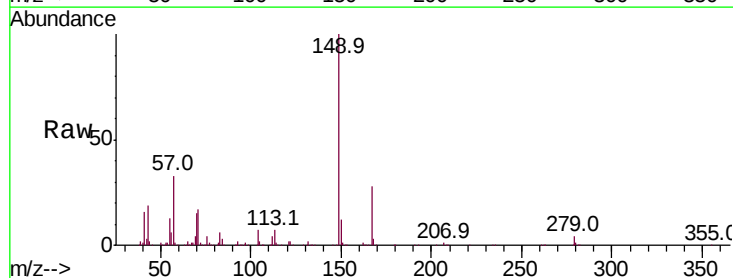
Instrument :
 BNA_G
 ClientSampleId :
 PB115120BSD

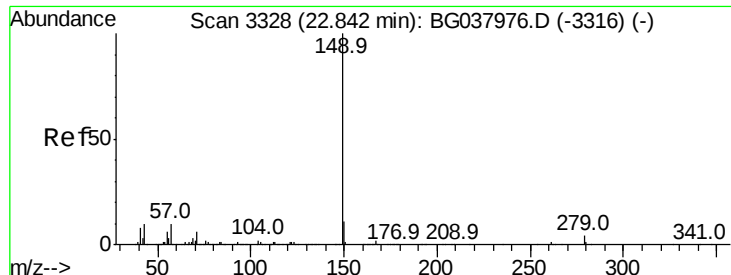
Tot	Ion:228	Resp:	395061
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	20.7	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.959 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038231.D
 Acq: 29 Nov 2018 12:27

Tgt	Ion:149	Resp:	273707
Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.0	3.6	5.4

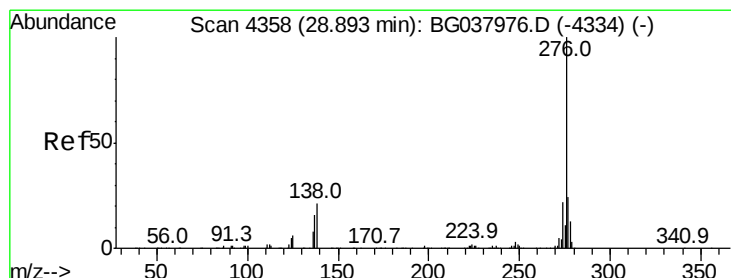
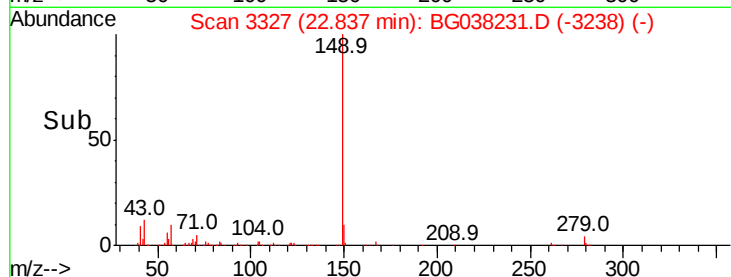
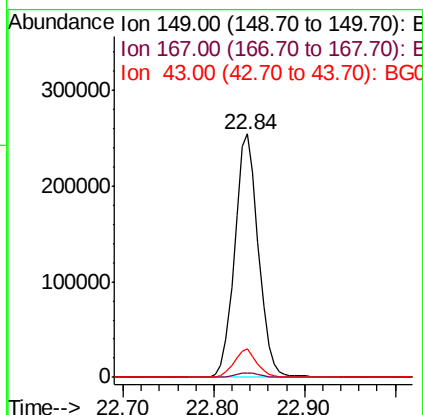
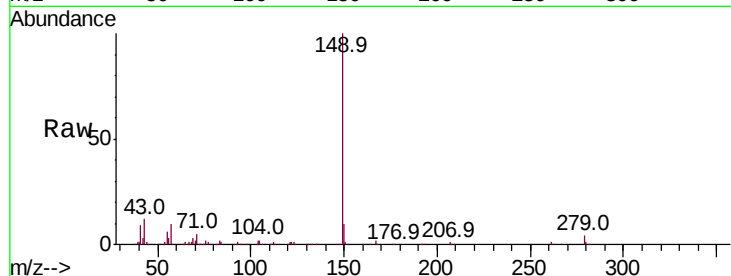




#85
Di-n-octyl phthalate
Concen: 35.510 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

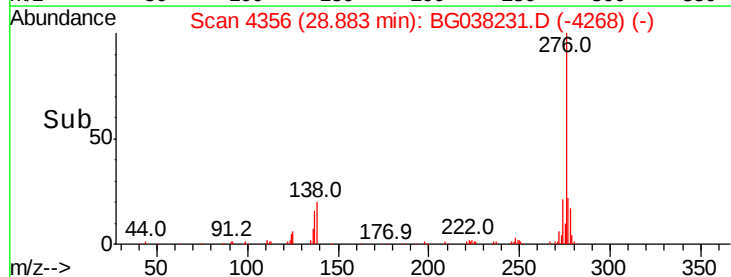
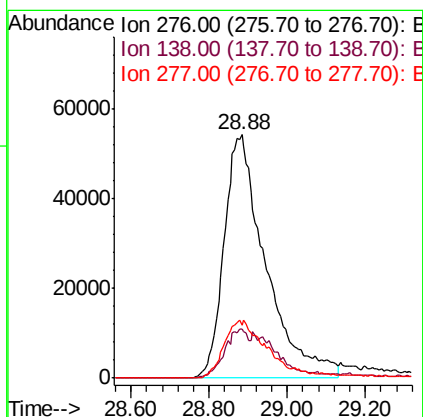
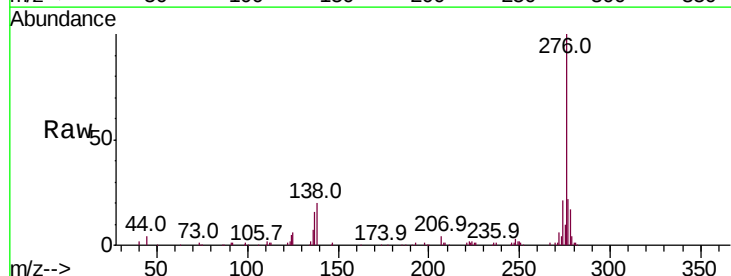
Instrument :
BNA_G
ClientSampleId :
PB115120BSD

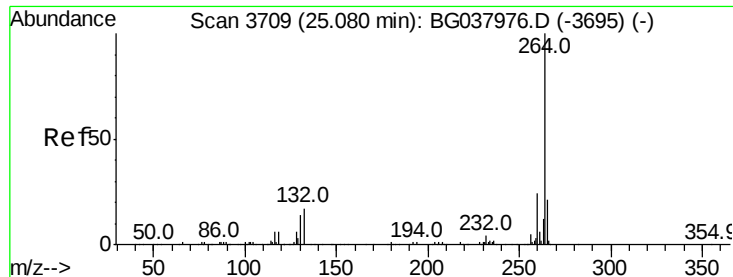
Tot Ion:149 Resp: 463030
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.5 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.756 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038231.D
Acq: 29 Nov 2018 12:27

Tgt Ion:276 Resp: 403093
Ion Ratio Lower Upper
276 100
138 11.1 12.0 18.0#
277 24.4 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

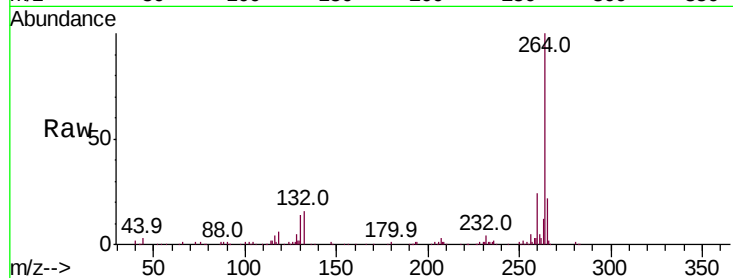
Tot Ion:264 Resp: 203755

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

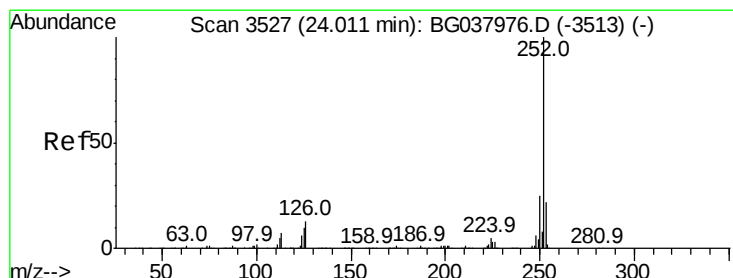
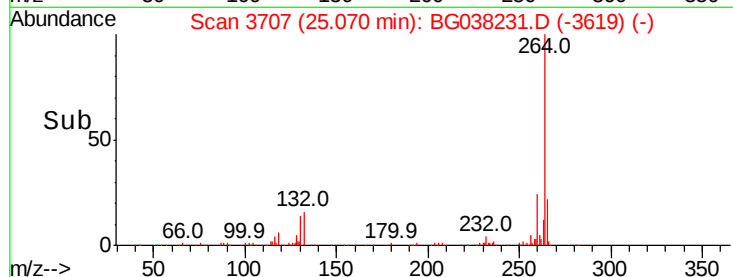
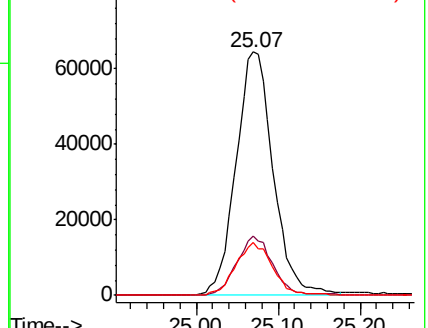
265 21.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.276 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

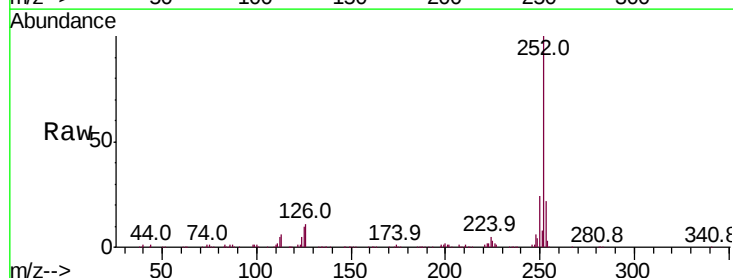
Tgt Ion:252 Resp: 406754

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

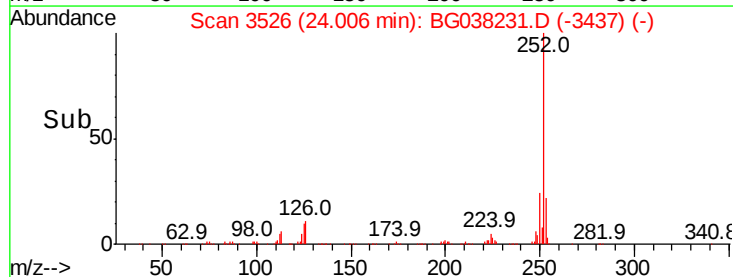
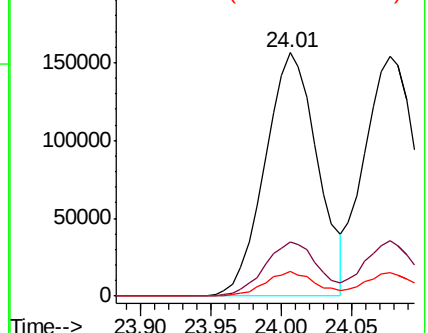
125 10.1 7.8 11.6

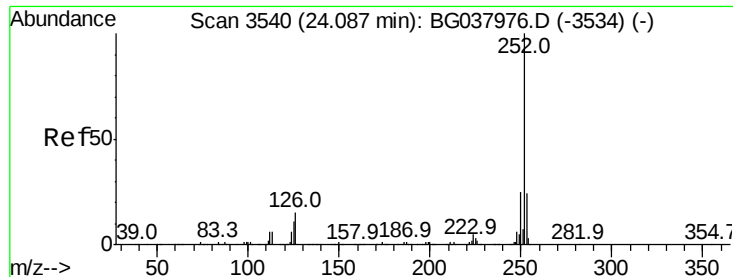


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.571 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

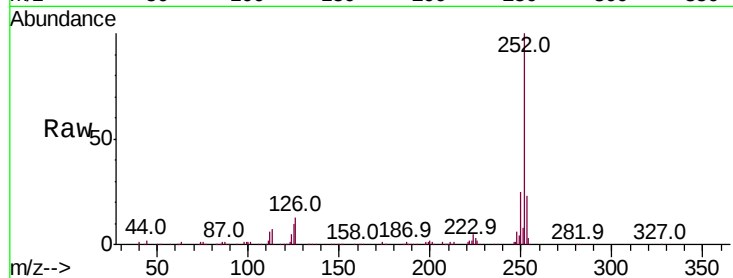
Tot Ion:252 Resp: 404631

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

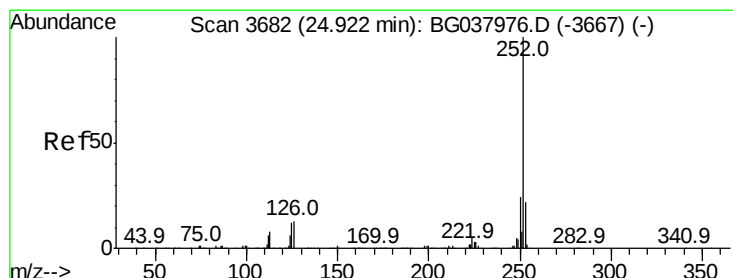
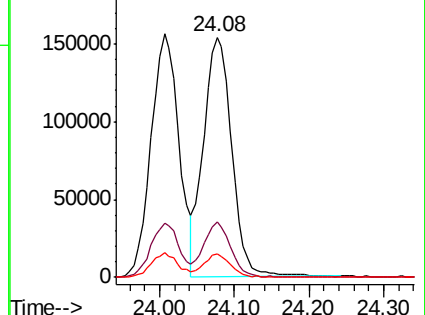
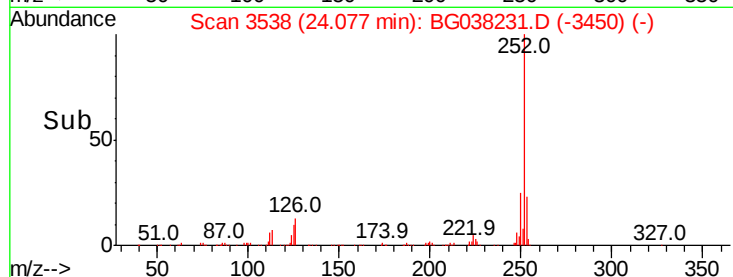
125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.164 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

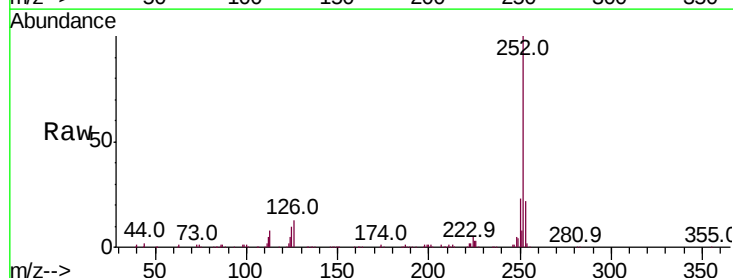
Tgt Ion:252 Resp: 398244

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

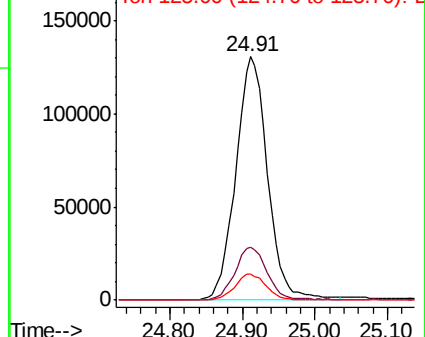
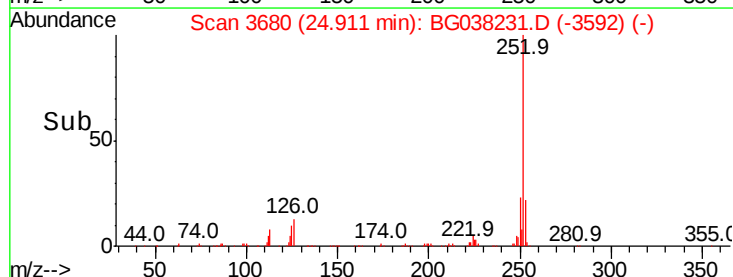
125 10.4 9.0 13.6

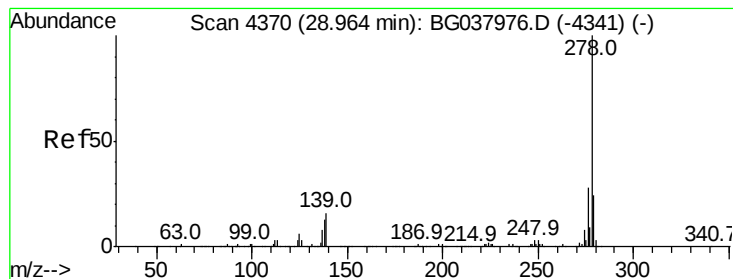


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 31.244 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.02 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

Instrument :

BNA_G

ClientSampleId :

PB115120BSD

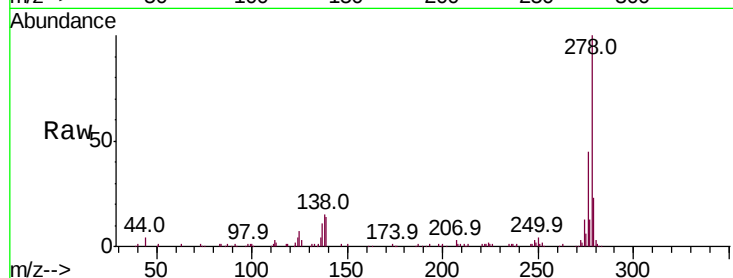
Tot Ion:278 Resp: 322144

Ion Ratio Lower Upper

278 100

139 14.2 11.5 17.3

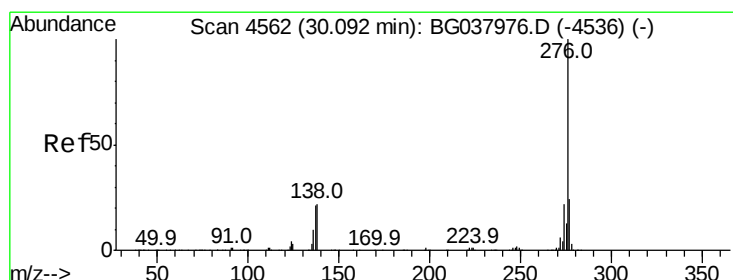
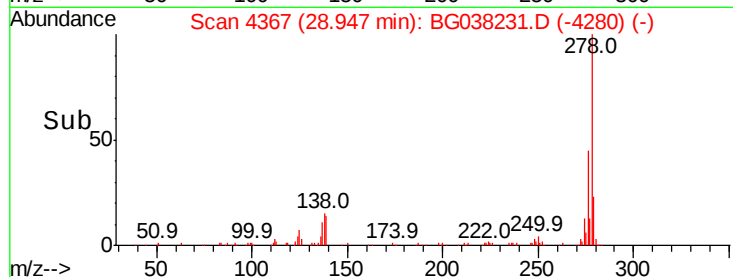
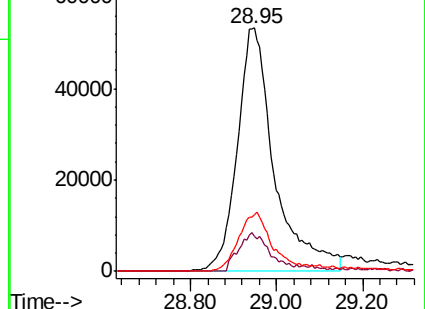
279 23.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 31.778 ng

RT: 30.08 min Scan# 4559

Delta R.T. -0.02 min

Lab File: BG038231.D

Acq: 29 Nov 2018 12:27

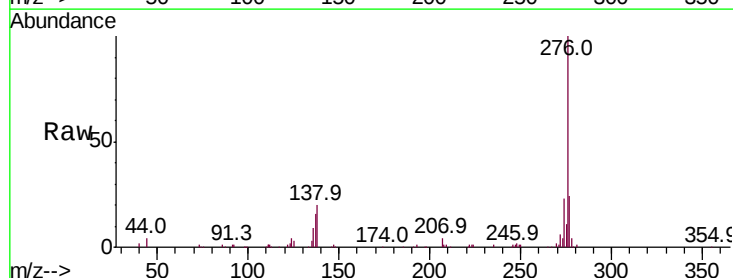
Tgt Ion:276 Resp: 325782

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 20.4 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

