

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038263.D
 Acq On : 30 Nov 2018 18:41
 Operator : JU/SJ
 Sample : J5761-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

Quant Time: Dec 01 03:30:08 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	33164	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	146399	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90015	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	203711	20.00	ng	0.00
76) Chrysene-d12	21.75	240	186339	20.00	ng	0.00
87) Perylene-d12	25.07	264	184779	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241652	125.81	ng	0.00
7) Phenol-d6	7.24	99	310503	113.25	ng	0.00
23) Nitrobenzene-d5	9.26	82	239637	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	130060	126.69	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	496994	80.44	ng	0.00
79) Terphenyl-d14	20.07	244	808781	102.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	31433	34.645	ng	# 8
3) Pyridine	3.93	79	80981	31.290	ng	95
4) n-Nitrosodimethylamine	3.85	42	53830	57.331	ng	87
6) Aniline	7.41	93	25450	7.192	ng	95
8) 2-Chlorophenol	7.64	128	109647	49.196	ng	96
9) Benzaldehyde	7.22	77	70649	35.630	ng	95
10) Phenol	7.26	94	121458	41.821	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	107704	45.426	ng	99
12) 1,3-Dichlorobenzene	7.97	146	110181	42.912	ng	94
13) 1,4-Dichlorobenzene	8.12	146	113501	43.760	ng	99
14) 1,2-Dichlorobenzene	8.43	146	107334	43.345	ng	99
15) Benzyl Alcohol	8.32	79	102413	51.620	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	229567	52.143	ng	98
17) 2-Methylphenol	8.52	107	96205	48.997	ng	96
18) Hexachloroethane	9.16	117	42089	44.589	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	88260	44.487	ng	90
20) 3+4-Methylphenols	8.85	107	130785	46.987	ng	97
22) Acetophenone	8.91	105	167069	45.867	ng	# 97
24) Nitrobenzene	9.30	77	136022	48.620	ng	97
25) Isophorone	9.82	82	253467	51.491	ng	99
26) 2-Nitrophenol	10.01	139	64570	46.231	ng	93
27) 2,4-Dimethylphenol	10.06	122	113869	54.112	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	149711	47.562	ng	98
29) 2,4-Dichlorophenol	10.54	162	115348	48.732	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	118845	44.806	ng	96
31) Naphthalene	10.96	128	347662	48.282	ng	99
32) Benzoic acid	10.16	122	20189	23.405	ng	91
33) 4-Chloroaniline	11.08	127	7015	2.094	ng	# 91
34) Hexachlorobutadiene	11.21	225	70263	43.042	ng	# 88
35) Caprolactam	11.85	113	28226	29.792	ng	98
36) 4-Chloro-3-methylphenol	12.18	107	126722	49.004	ng	95
37) 2-Methylnaphthalene	12.55	142	258022	49.886	ng	97
38) 1-Methylnaphthalene	12.77	142	244900	49.190	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	134526	44.724	ng	99

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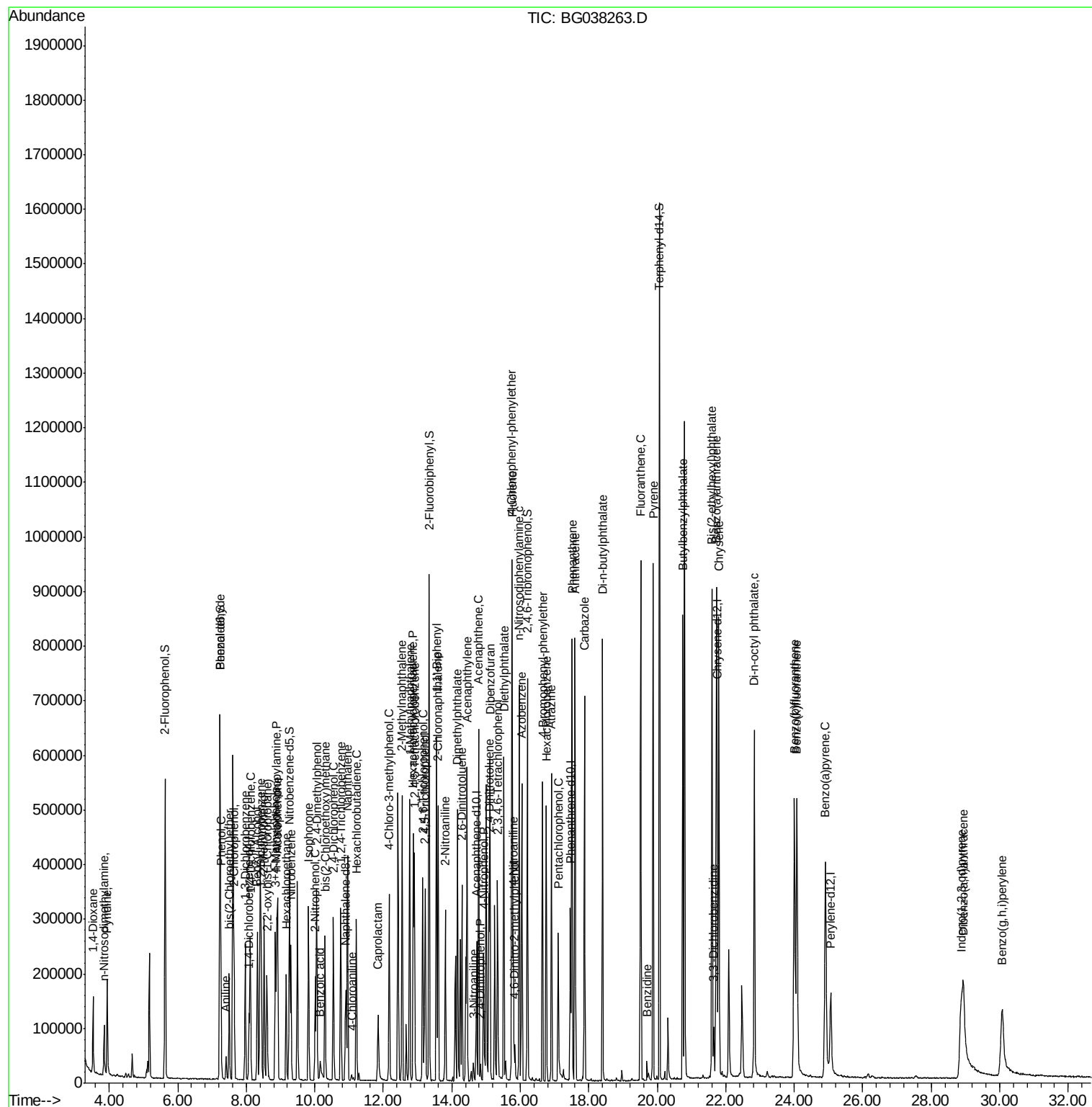
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	139452	86.581	nq	100
43) 2,4,6-Trichlorophenol	13.15	196	95408	46.548	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	99932	46.337	nq	98
46) 1,1'-Biphenyl	13.55	154	331060	43.778	nq	100
47) 2-Chloronaphthalene	13.60	162	261343	45.288	nq	100
48) 2-Nitroaniline	13.81	65	94510	52.038	nq	95
49) Acenaphthylene	14.45	152	432631	49.855	nq	99
50) Dimethylphthalate	14.17	163	340423	47.704	nq	100
51) 2,6-Dinitrotoluene	14.30	165	77460	47.960	nq	93
52) Acenaphthene	14.78	154	249725	47.801	nq	100
53) 3-Nitroaniline	14.63	138	9046	5.076	nq	# 92
54) 2,4-Dinitrophenol	14.84	184	8529	17.933	nq	# 86
55) Dibenzofuran	15.11	168	402204	46.560	nq	96
56) 4-Nitrophenol	14.93	139	81024	58.947	nq	92
57) 2,4-Dinitrotoluene	15.09	165	107350	48.851	nq	98
58) Fluorene	15.77	166	319522	49.574	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	82602	45.773	nq	97
60) Diethylphthalate	15.52	149	346969	45.776	nq	100
61) 4-Chlorophenyl-phenylether	15.75	204	167975	44.539	nq	98
62) 4-Nitroaniline	15.80	138	77172	43.589	nq	92
63) Azobenzene	16.04	77	329980	48.691	nq	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	15846	12.298	nq	98
66) n-Nitrosodiphenylamine	15.97	169	291508	47.301	nq	100
67) 4-Bromophenyl-phenylether	16.65	248	105396	47.138	nq	94
68) Hexachlorobenzene	16.76	284	109828	47.588	nq	98
69) Atrazine	16.91	200	106871	47.042	nq	99
70) Pentachlorophenol	17.11	266	62915	40.139	nq	96
71) Phenanthrene	17.51	178	530773	50.890	nq	99
72) Anthracene	17.60	178	540072	52.531	nq	100
73) Carbazole	17.88	167	489815	47.486	nq	99
74) Di-n-butylphthalate	18.41	149	592693	51.188	nq	98
75) Fluoranthene	19.52	202	630386	52.976	nq	98
77) Benzidine	19.70	184	27340	4.181	nq	99
78) Pyrene	19.88	202	631875	51.865	nq	99
80) Butylbenzylphthalate	20.74	149	264343	49.616	nq	99
81) Benzo(a)anthracene	21.73	228	603175	53.565	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	41562	9.475	nq	98
83) Chrysene	21.80	228	554466	51.463	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	370696	48.789	nq	99
85) Di-n-octyl phthalate	22.84	149	623104	50.692	nq	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	445915	37.265	nq	# 65
88) Benzo(b)fluoranthene	24.00	252	553438	54.427	nq	100
89) Benzo(k)fluoranthene	24.07	252	580215	57.826	nq	99
90) Benzo(a)pyrene	24.91	252	541745	55.748	nq	98
91) Dibenzo(a,h)anthracene	28.94	278	345164	36.915	nq	99
92) Benzo(g,h,i)perylene	30.06	276	337639	36.317	nq	96

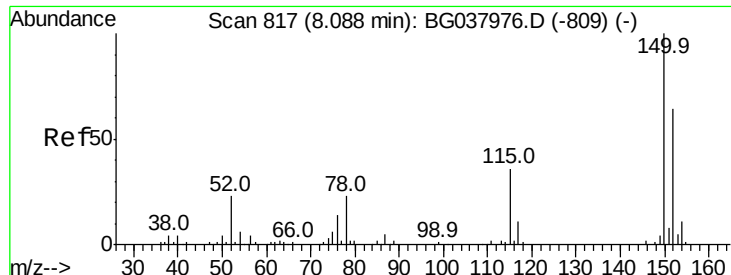
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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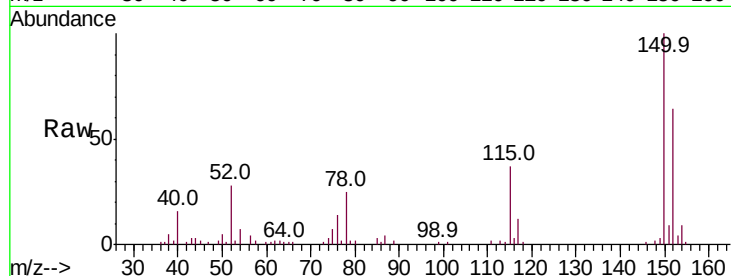


#1

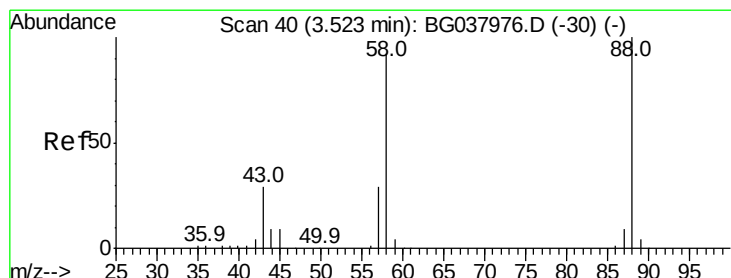
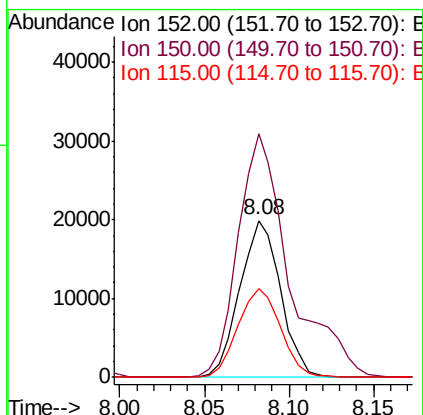
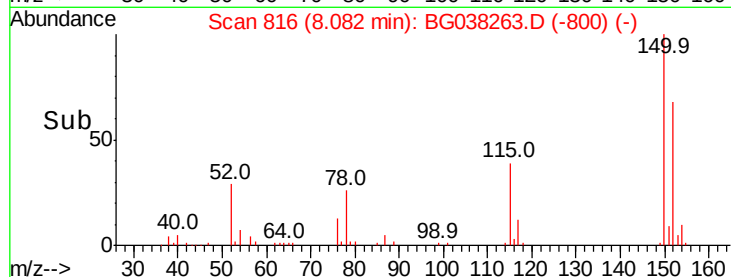
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

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 BNA_G
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 AU-06-112918MS

Tot Ion:152 Resp: 33164
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.0 189.0
 115 56.8 45.5 68.3



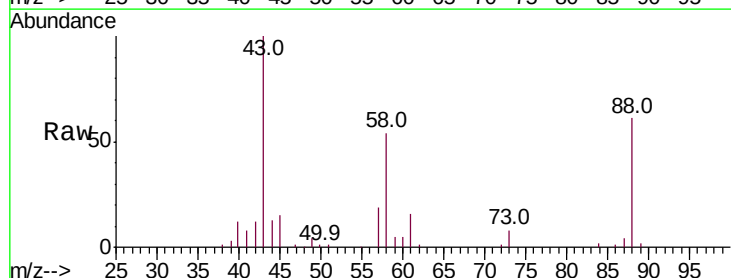
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



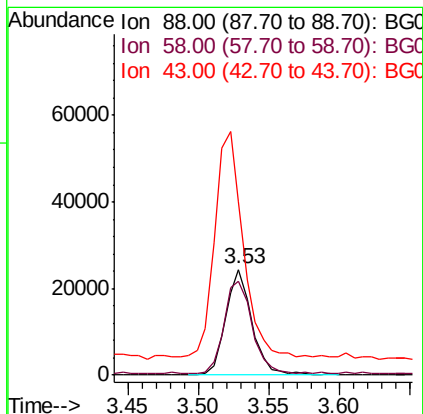
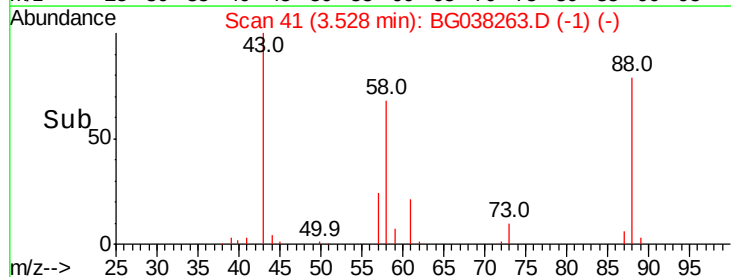
#2

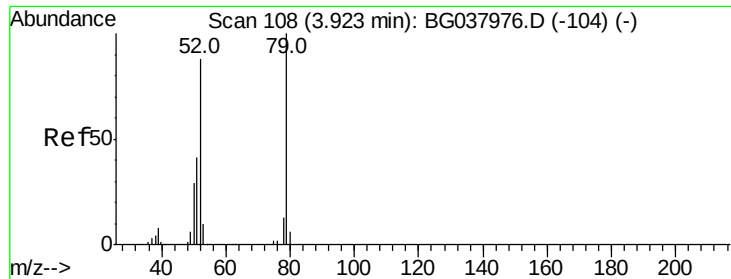
1,4-Dioxane
 Concen: 34.645 ng
 RT: 3.53 min Scan# 41
 Delta R.T. 0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion: 88 Resp: 31433
 Ion Ratio Lower Upper
 88 100
 58 93.1 74.4 111.6
 43 230.8 25.8 38.8#



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





#3

Pvridine

Concen: 31.290 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

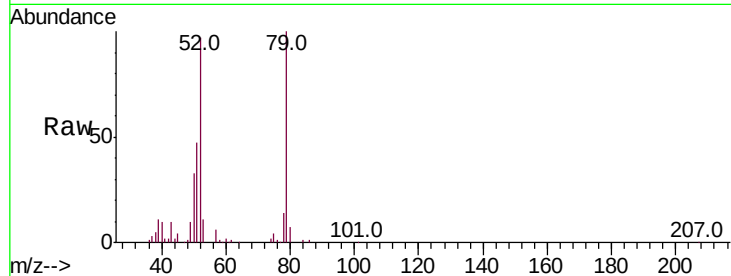
Tot Ion: 79 Resp: 80981

Ion Ratio Lower Upper

79 100

52 96.8 74.2 111.2

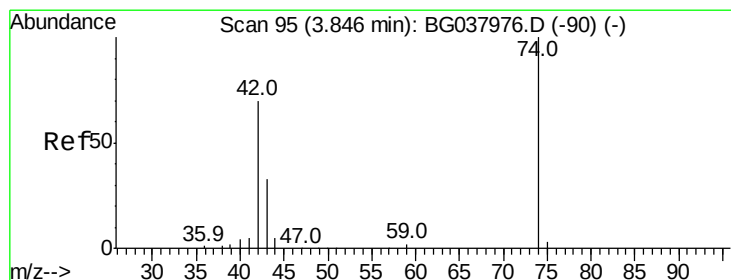
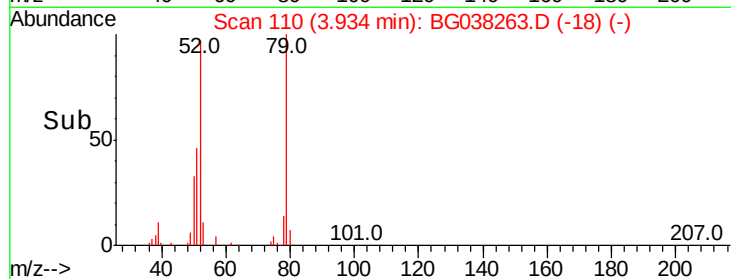
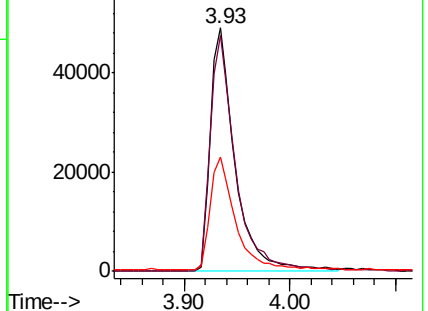
51 47.2 34.6 51.8



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: 57.331 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

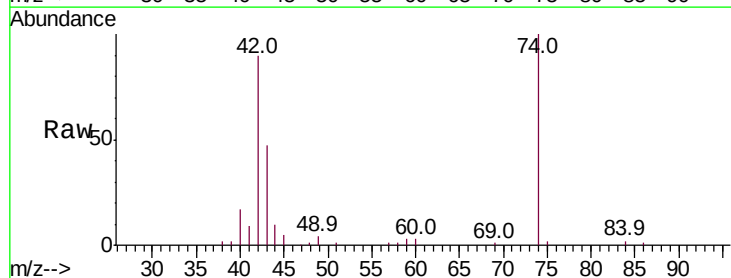
Tgt Ion: 42 Resp: 53830

Ion Ratio Lower Upper

42 100

74 111.5 102.0 153.0

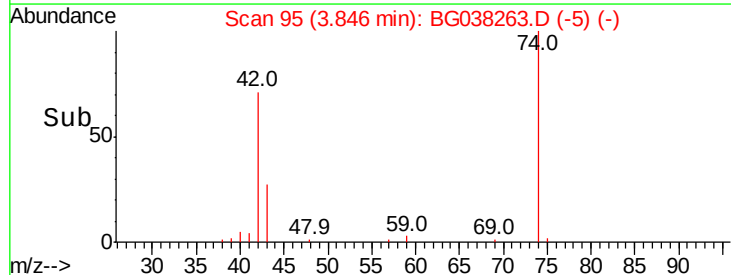
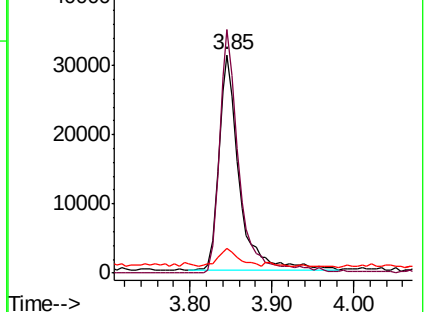
44 11.5 9.6 14.4

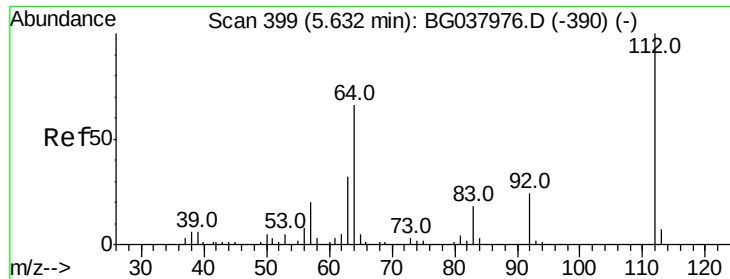


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.807 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

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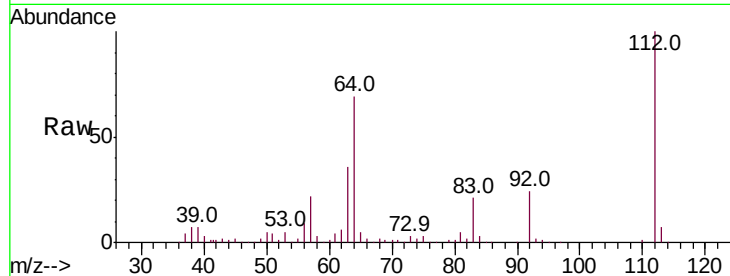
Tot Ion:112 Resp: 241652

Ion Ratio Lower Upper

112 100

64 68.6 53.1 79.7

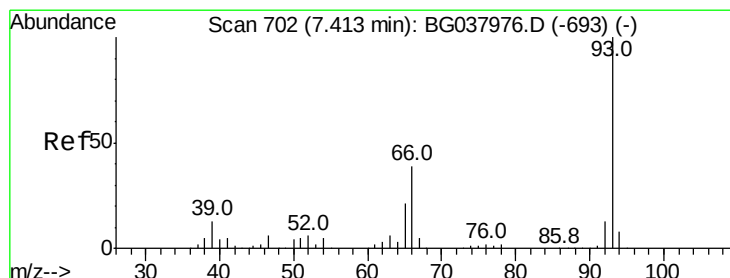
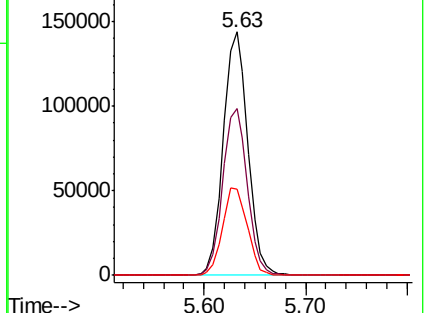
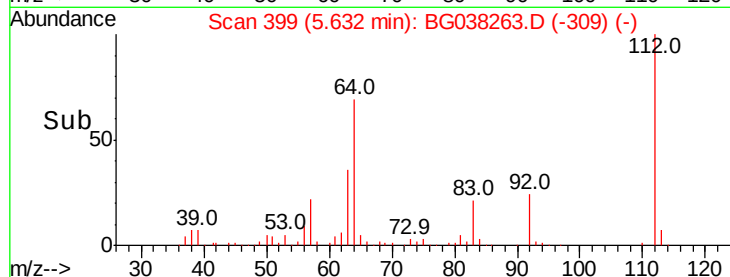
63 35.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.192 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

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Acq: 30 Nov 2018 18:41

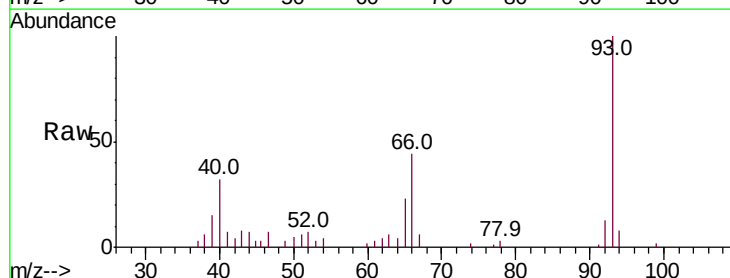
Tgt Ion: 93 Resp: 25450

Ion Ratio Lower Upper

93 100

66 43.6 32.8 49.2

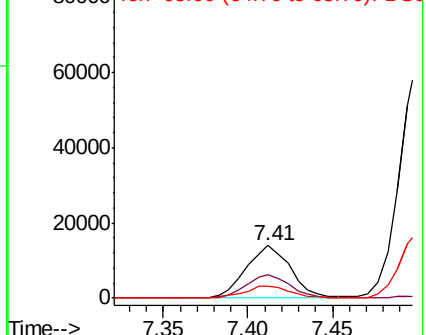
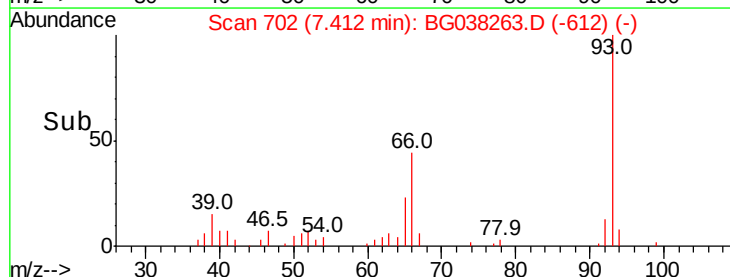
65 23.5 16.4 24.6

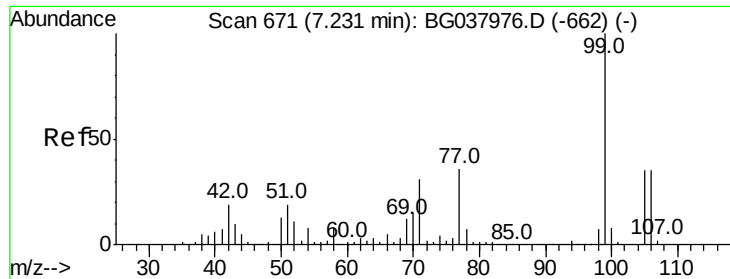


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.246 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

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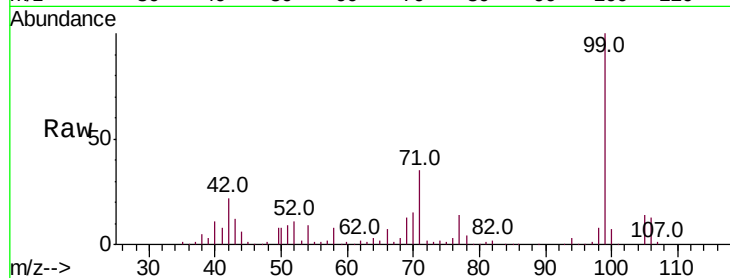
Tot Ion: 99 Resp: 310503

Ion Ratio Lower Upper

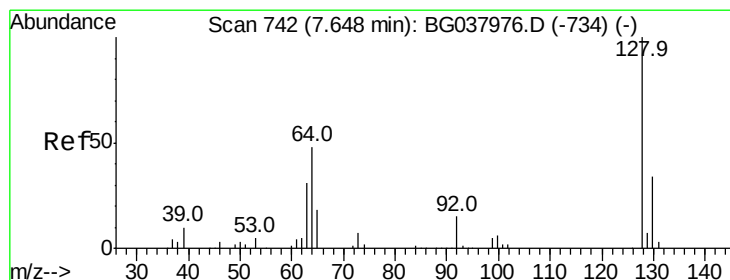
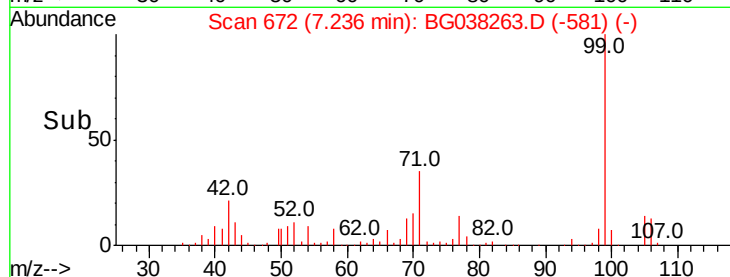
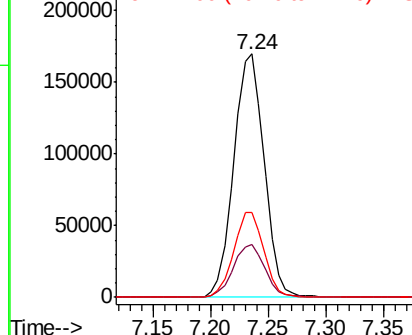
99 100

42 21.5 15.0 22.4

71 34.8 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: 49.196 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

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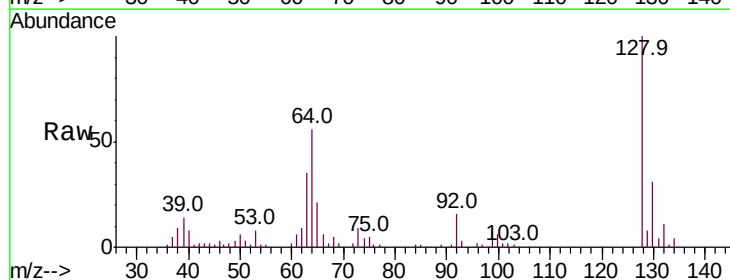
Tgt Ion: 128 Resp: 109647

Ion Ratio Lower Upper

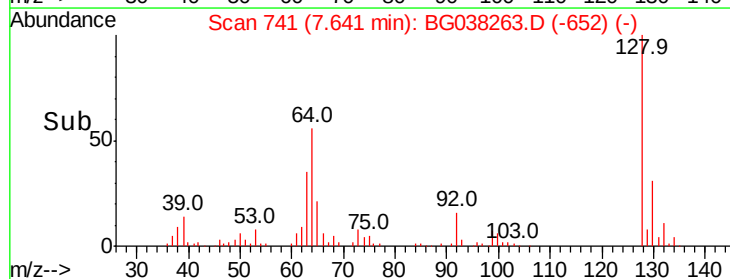
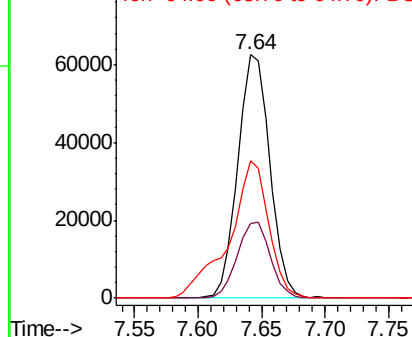
128 100

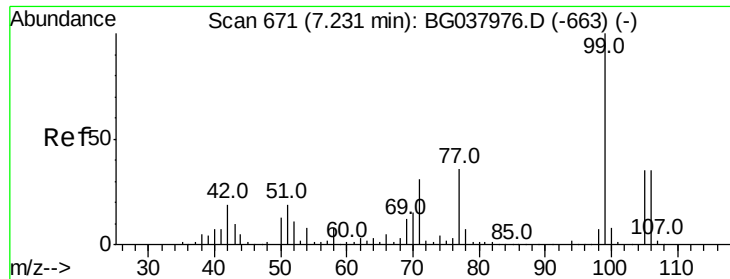
130 30.7 12.0 52.0

64 56.3 32.9 72.9



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





#9

Benzaldehyde

Concen: 35.630 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

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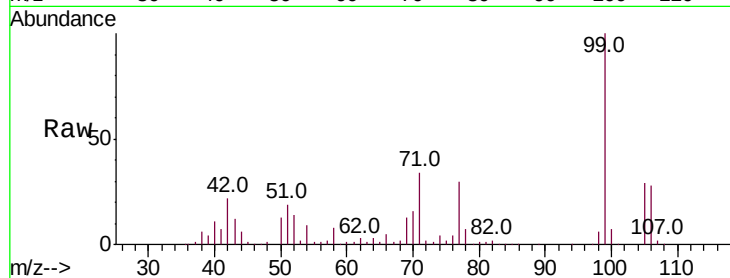
Tot Ion: 77 Resp: 70649

Ion Ratio Lower Upper

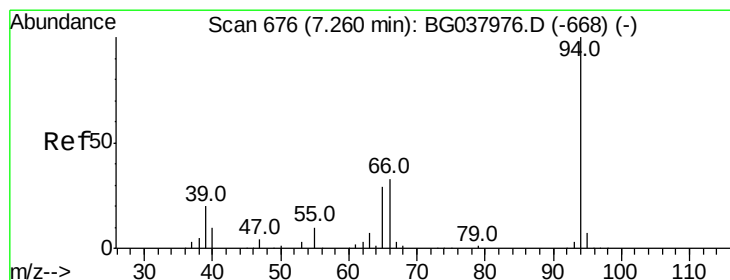
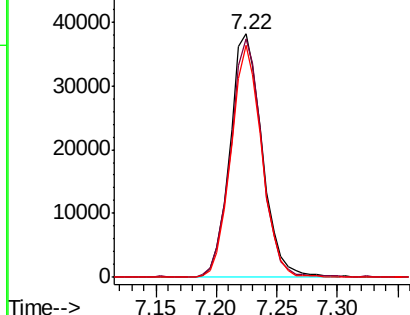
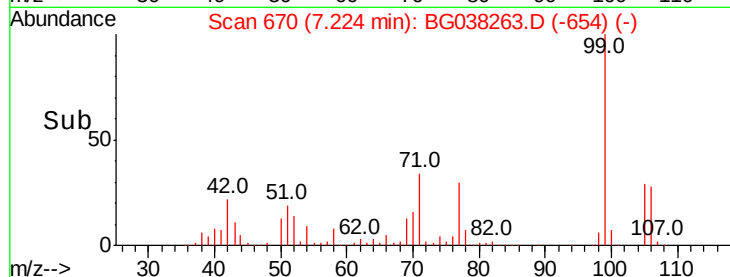
77 100

105 98.0 72.6 112.6

106 95.4 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: 41.821 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

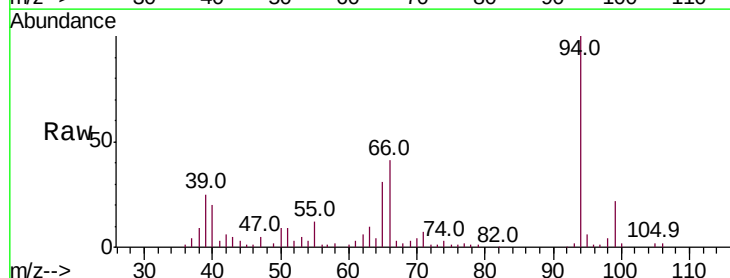
Tgt Ion: 94 Resp: 121458

Ion Ratio Lower Upper

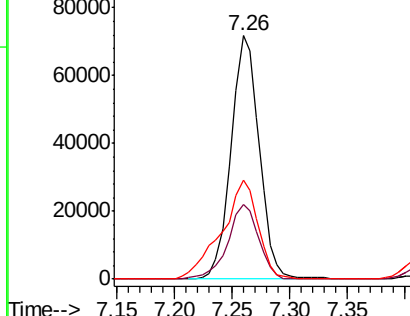
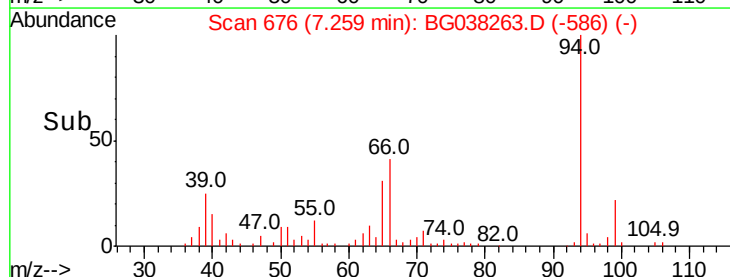
94 100

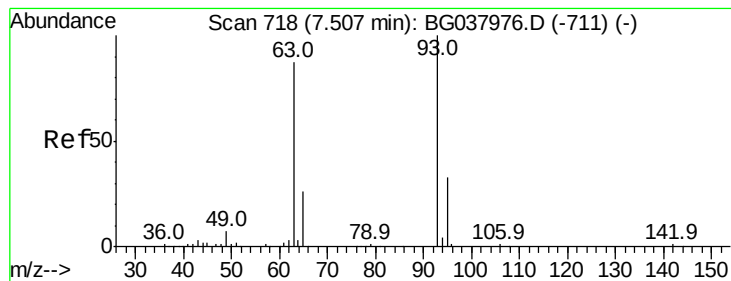
65 30.8 9.7 49.7

66 40.5 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

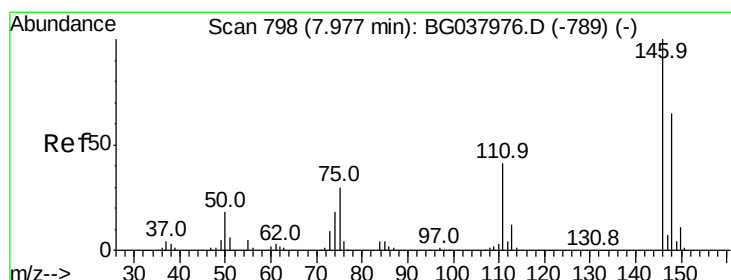
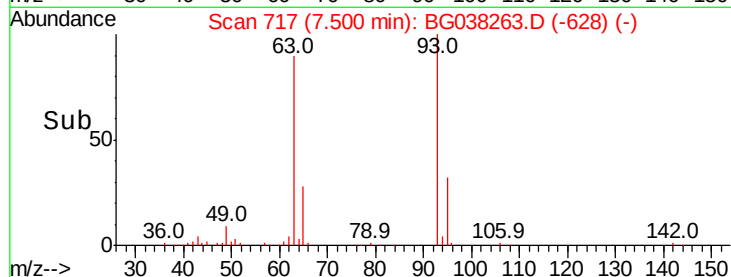
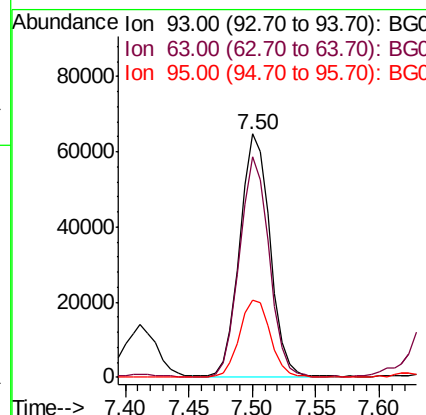
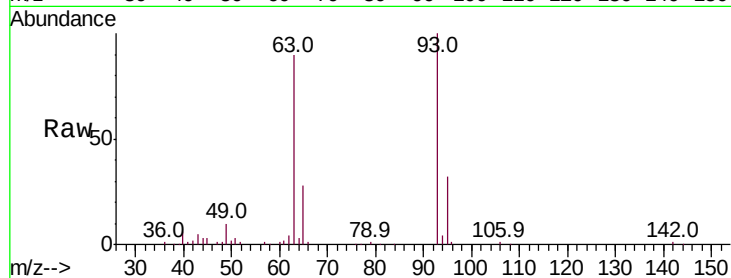




#11
 bis(2-Chloroethyl)ether
 Concen: 45.426 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

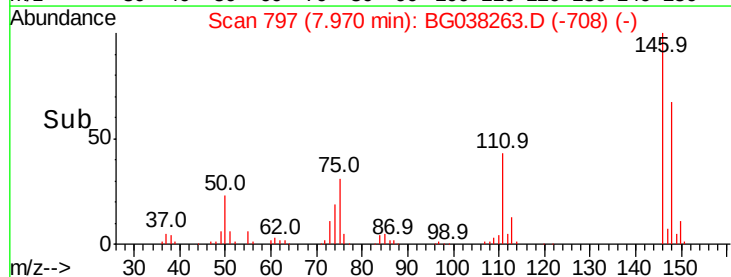
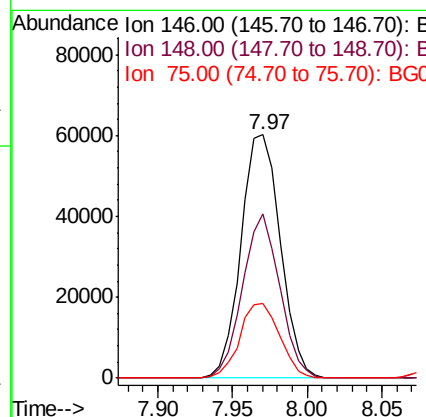
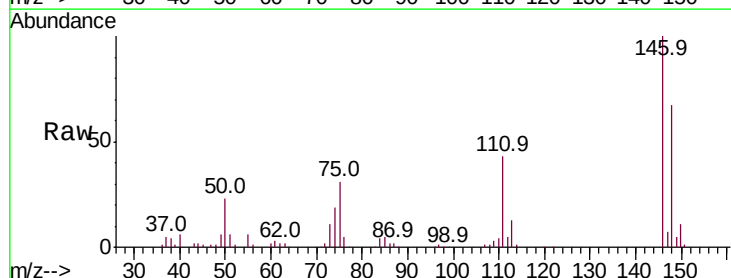
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

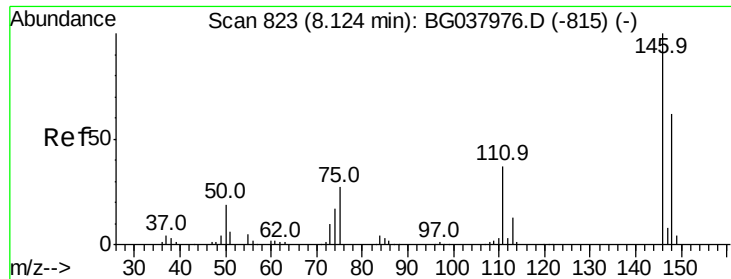
Tot Ion: 93 Resp: 107704
 Ion Ratio Lower Upper
 93 100
 63 90.5 69.5 109.5
 95 31.7 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 42.912 ng
 RT: 7.97 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion: 146 Resp: 110181
 Ion Ratio Lower Upper
 146 100
 148 67.4 49.8 74.8
 75 30.8 23.2 34.8

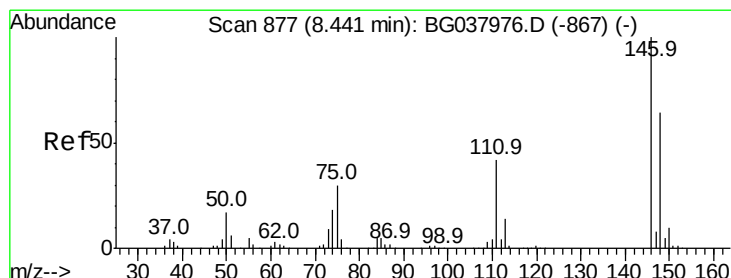
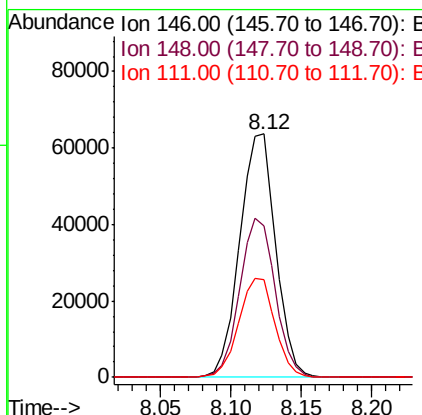
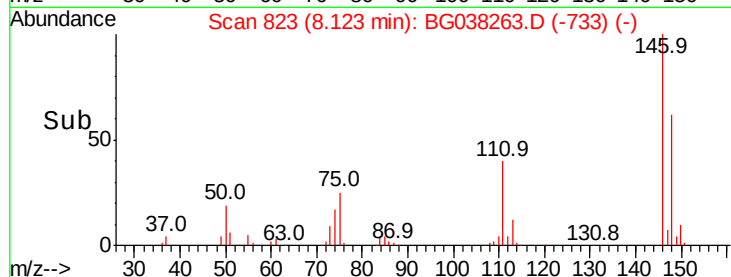
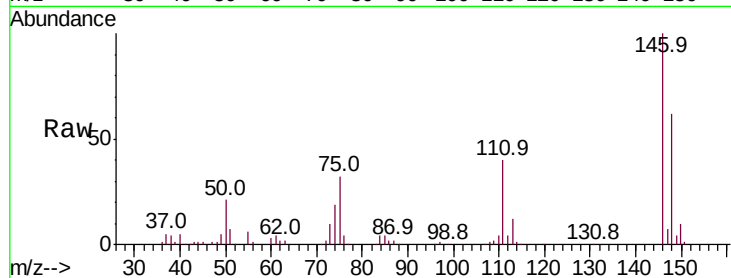




#13
 1,4-Dichlorobenzene
 Concen: 43.760 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

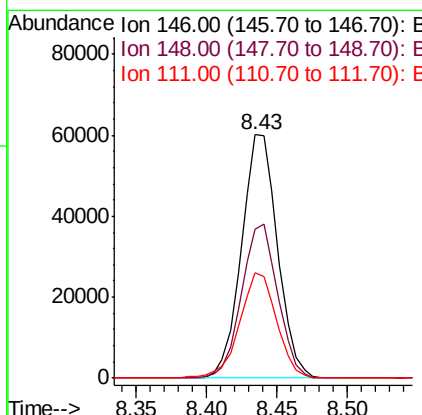
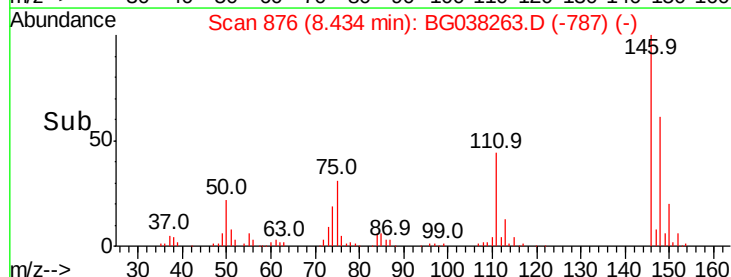
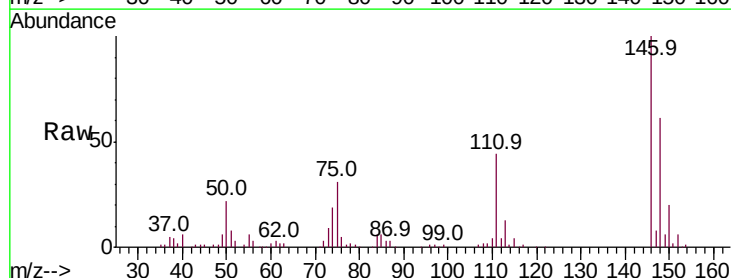
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

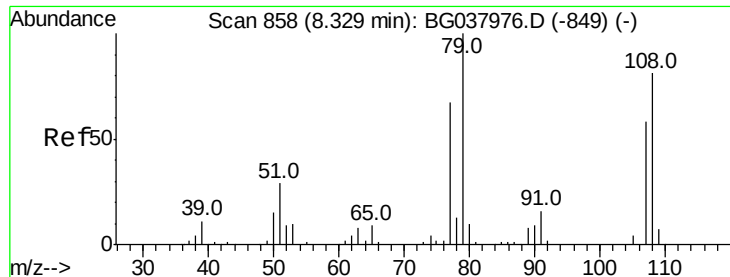
Tot Ion:146 Resp: 113501
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.0 76.6
 111 40.3 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 43.345 ng
 RT: 8.43 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion:146 Resp: 107334
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.4 75.6
 111 43.5 34.6 51.8

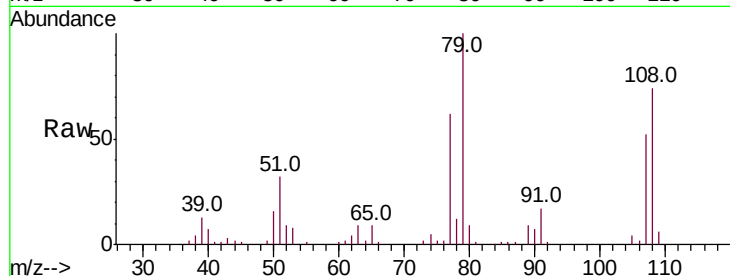




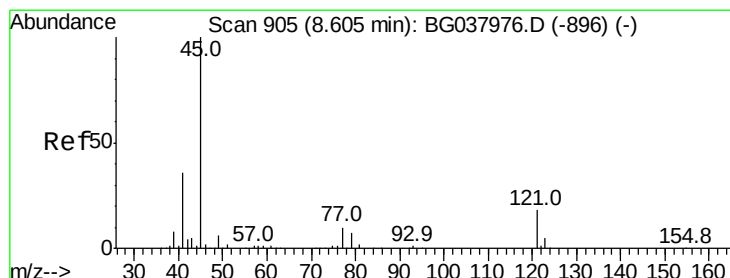
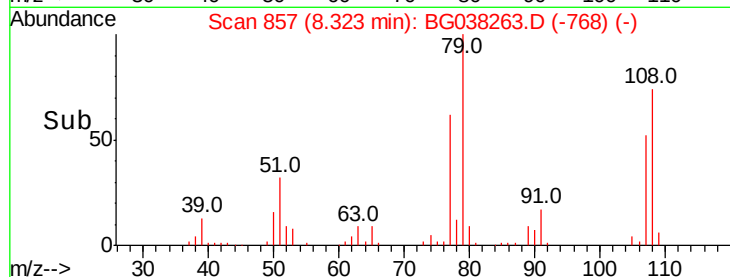
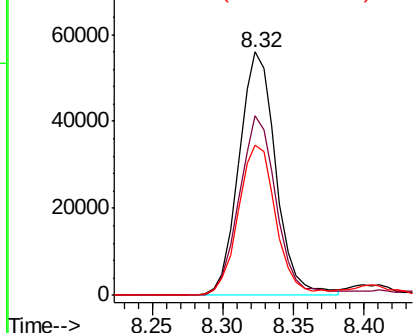
#15
Benzyl Alcohol
Concen: 51.620 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion: 79 Resp: 102413
Ion Ratio Lower Upper
79 100
108 73.7 65.8 98.8
77 61.8 52.9 79.3

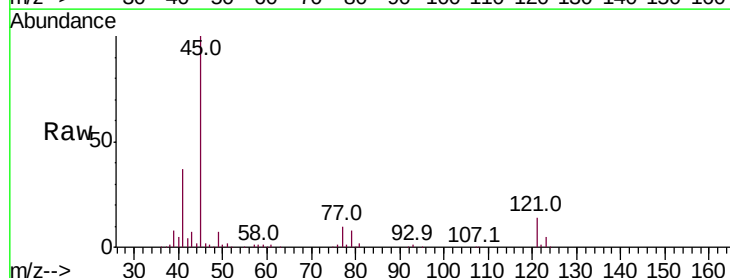


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

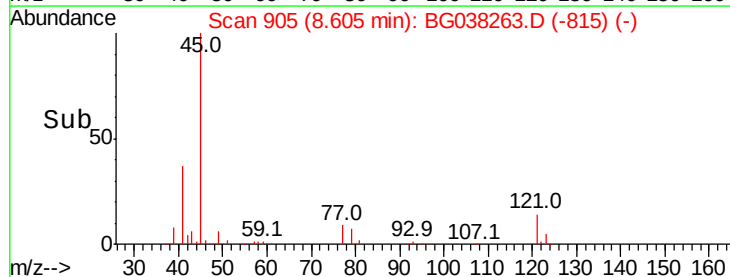
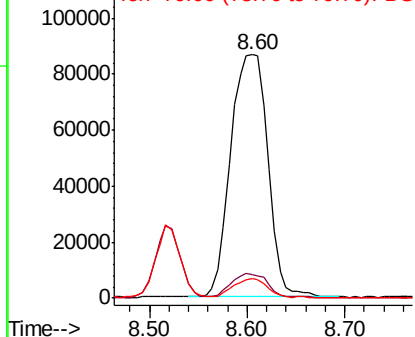


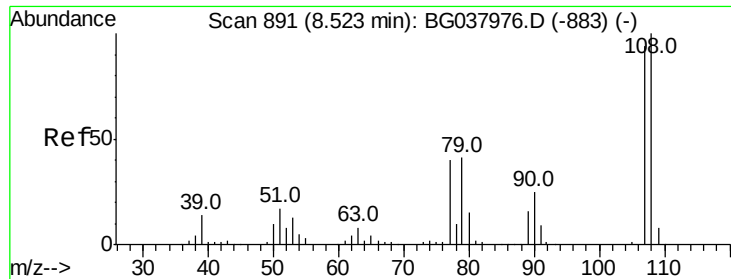
#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.143 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion: 45 Resp: 229567
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.0
79 7.8 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

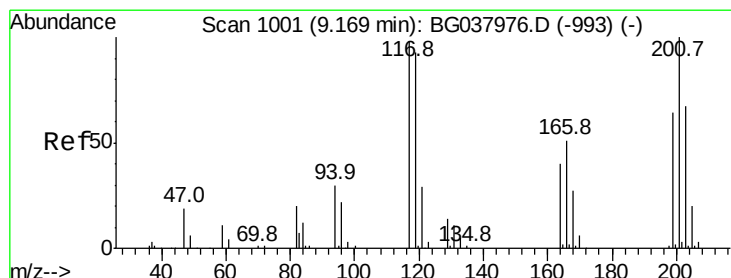
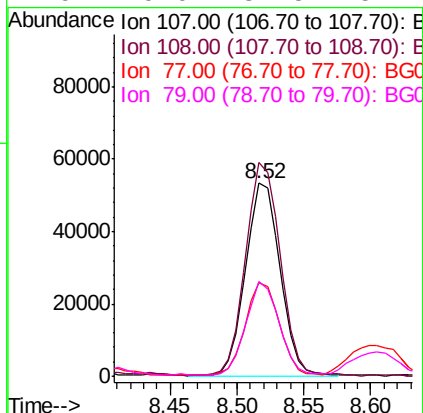
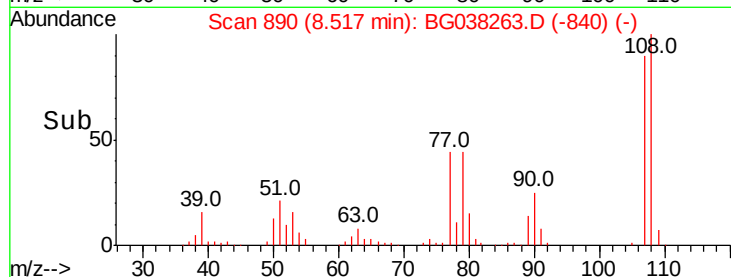
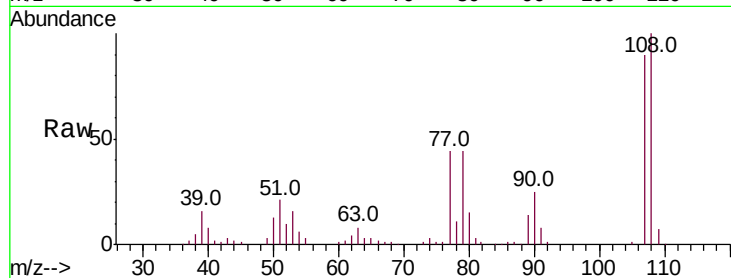




#17
2-Methylphenol
Concen: 48.997 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

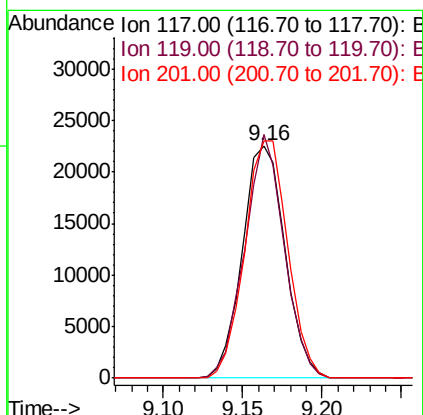
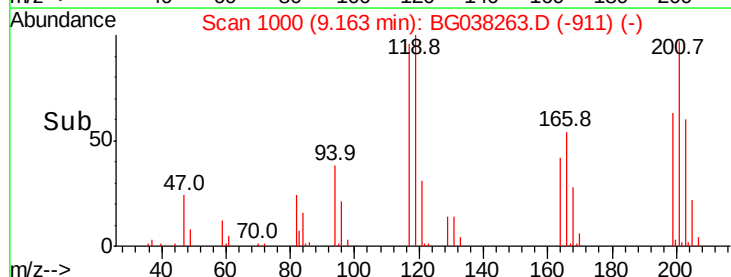
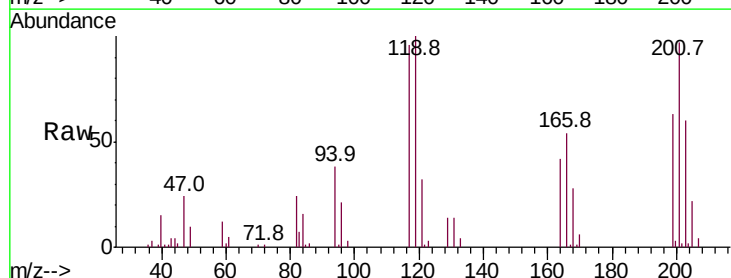
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

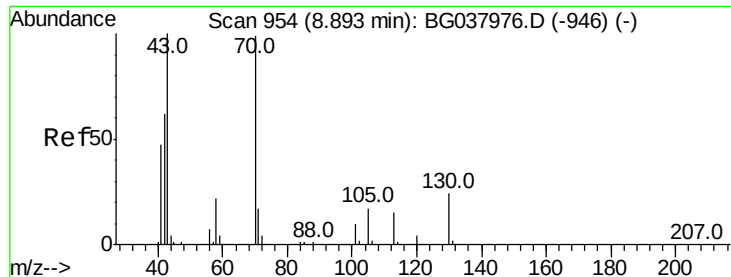
Tot Ion:	107	Resp:	96205
Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.9	131.9
77	48.4	35.1	52.7
79	49.0	34.5	51.7



#18
Hexachloroethane
Concen: 44.589 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:	117	Resp:	42089
Ion	Ratio	Lower	Upper
117	100		
119	104.7	74.6	111.8
201	104.3	80.8	121.2

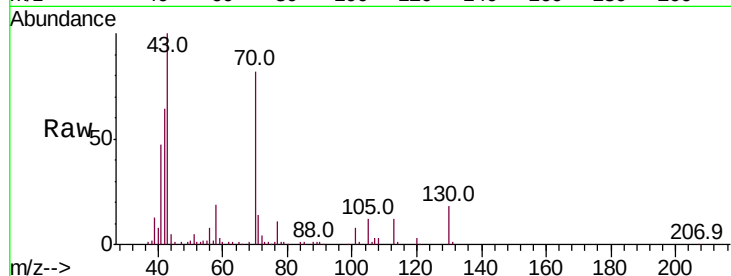




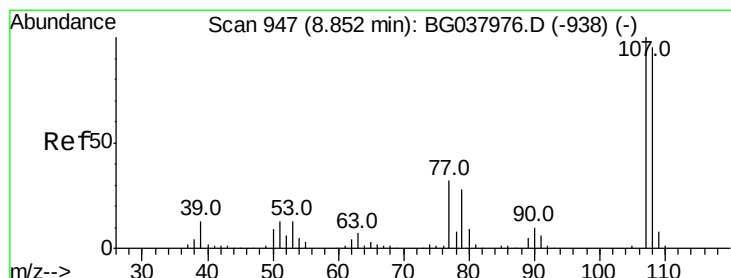
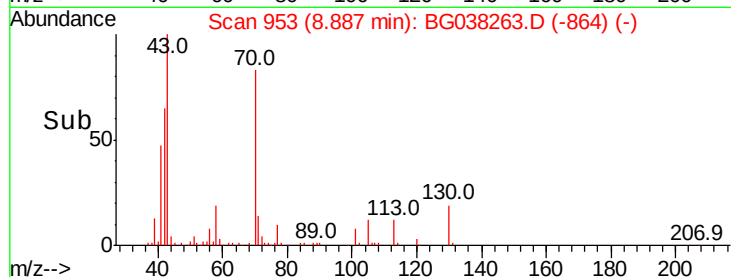
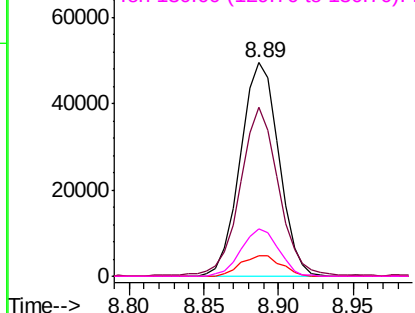
#19
n-Nitroso-di-n-propylamine
Concen: 44.487 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion:	70	Resp:	88260
Ion	Ratio	Lower	Upper
70	100		
42	78.9	53.9	80.9
101	9.8	8.2	12.2
130	22.3	18.2	27.4

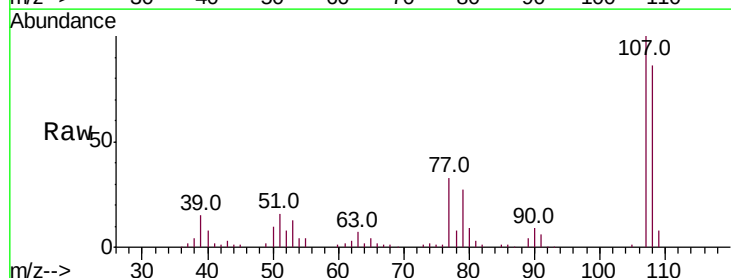


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

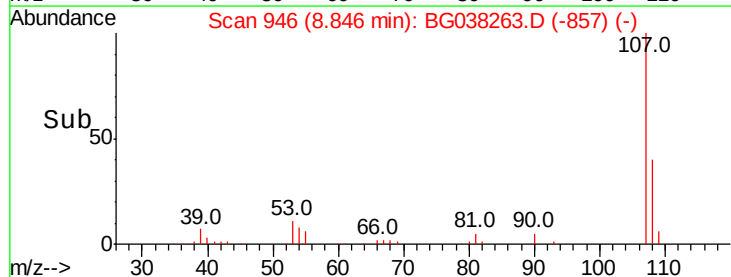
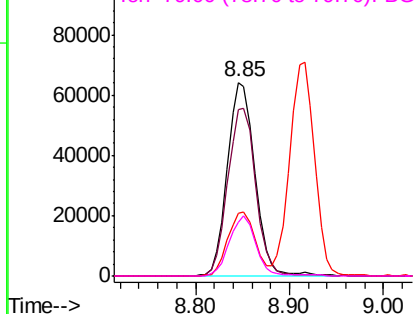


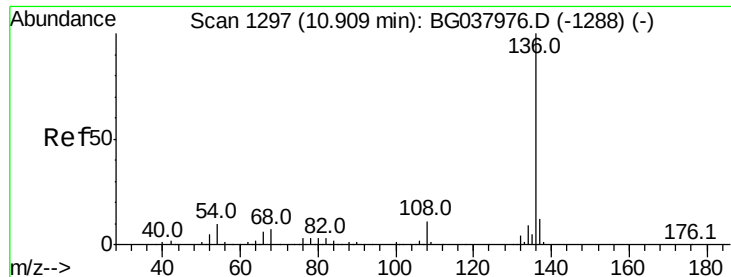
#20
3+4-Methylphenols
Concen: 46.987 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:	107	Resp:	130785
Ion	Ratio	Lower	Upper
107	100		
108	86.2	69.9	109.9
77	32.6	11.2	51.2
79	27.5	6.6	46.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

Tot Ion:136 Resp: 146399

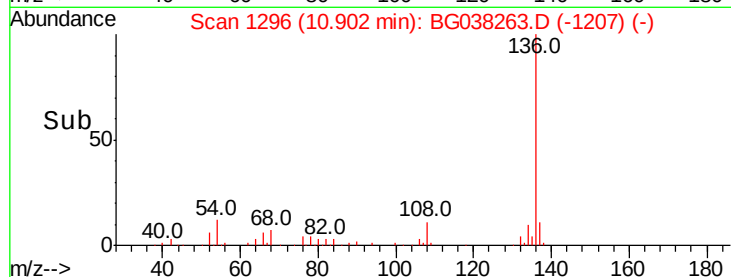
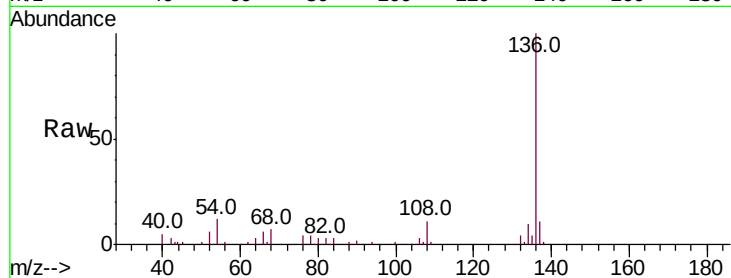
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 11.8 7.9 11.9

68 6.7 4.8 7.2

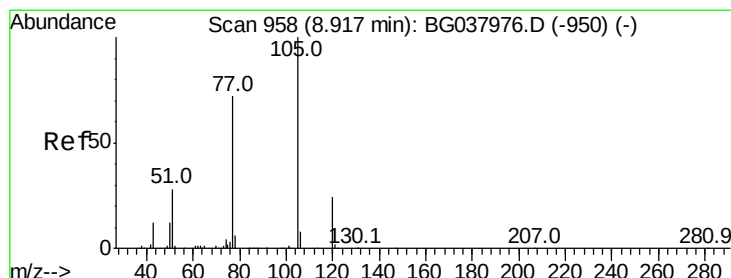
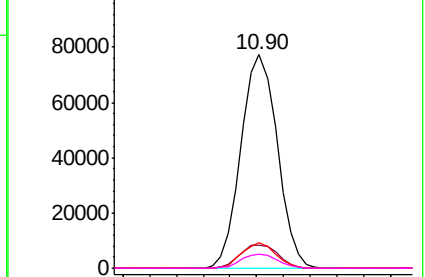


Abundance Ion 136.00 (135.70 to 136.70): E

120000 Ion 137.00 (136.70 to 137.70): E

100000 Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.867 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Tgt Ion:105 Resp: 167069

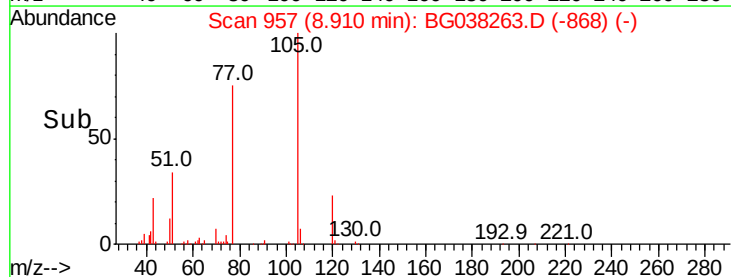
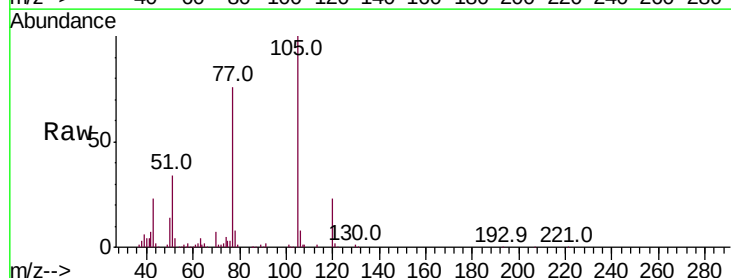
Ion Ratio Lower Upper

105 100

71 1.0 1.2 1.8#

51 34.3 25.0 37.6

120 23.0 18.6 28.0

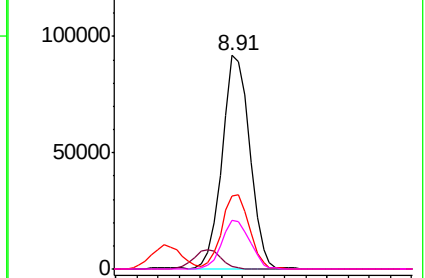


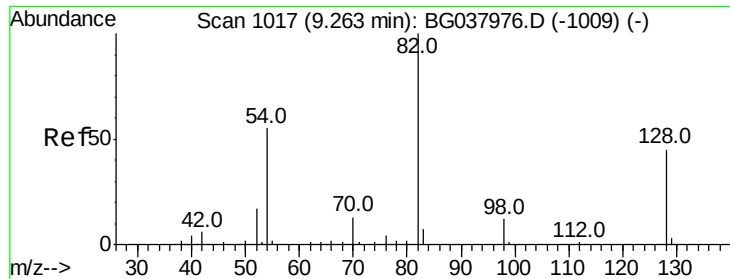
Abundance Ion 105.00 (104.70 to 105.70): E

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

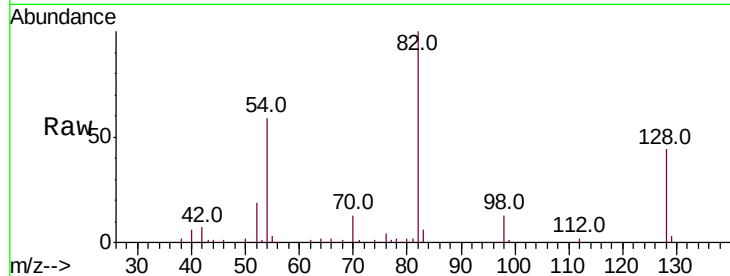




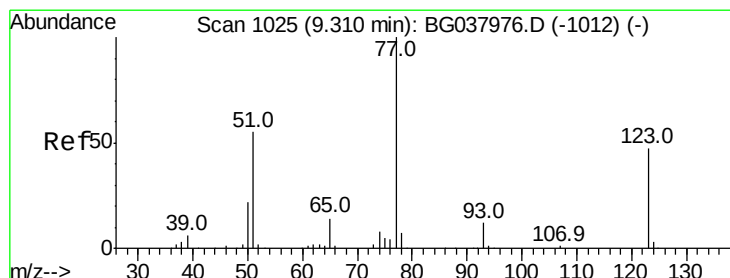
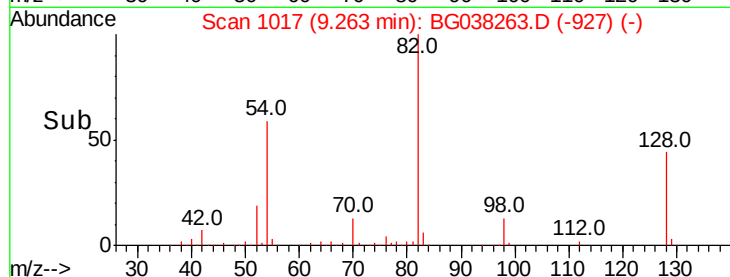
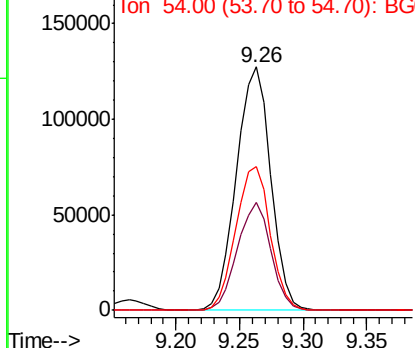
#23
Nitrobenzene-d5
Concen: 87.623 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion	82	Resp	239637
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	59.2	45.3	67.9

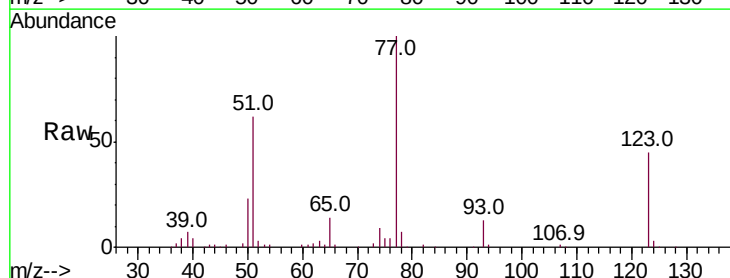


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

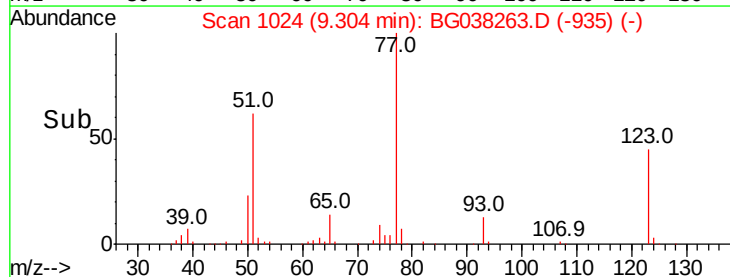
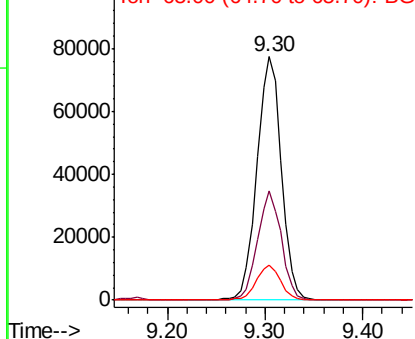


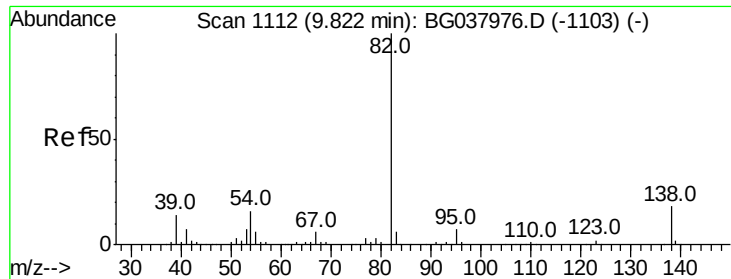
#24
Nitrobenzene
Concen: 48.620 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion	77	Resp	136022
Ion	Ratio	Lower	Upper
77	100		
123	44.9	33.6	50.4
65	14.2	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

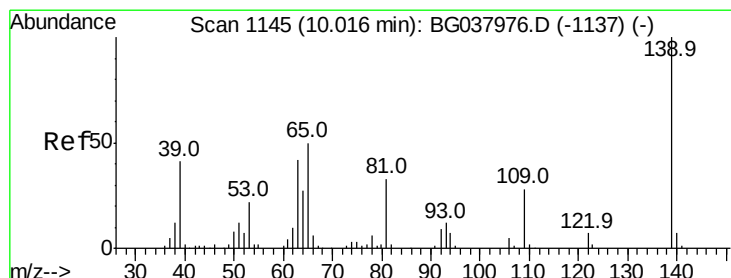
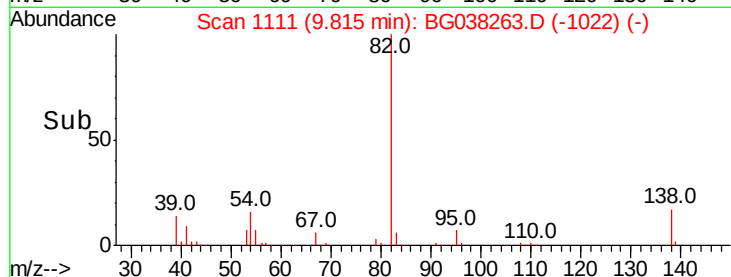
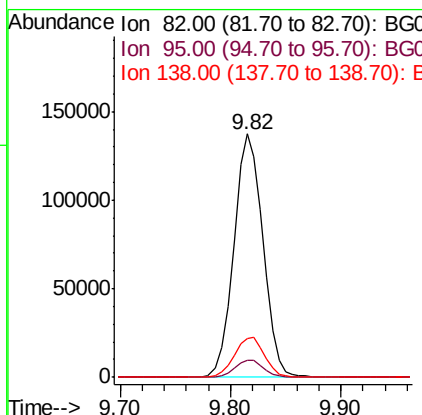
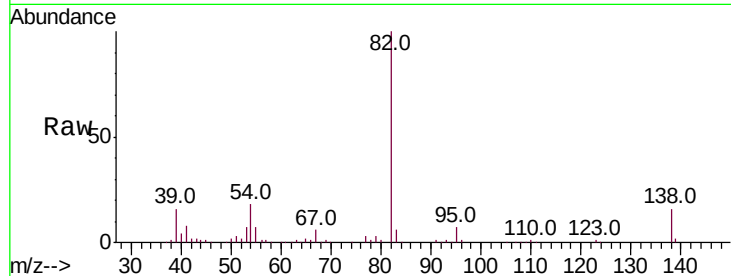




#25
Isophorone
Concen: 51.491 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

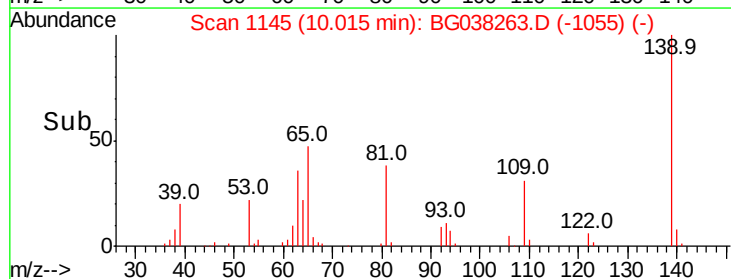
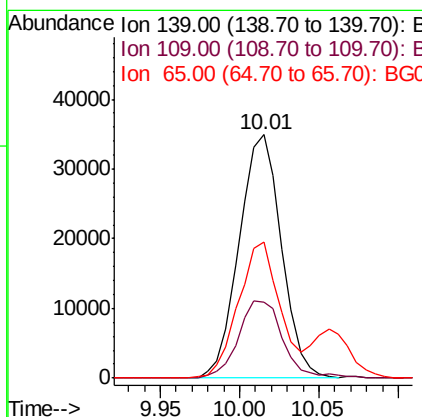
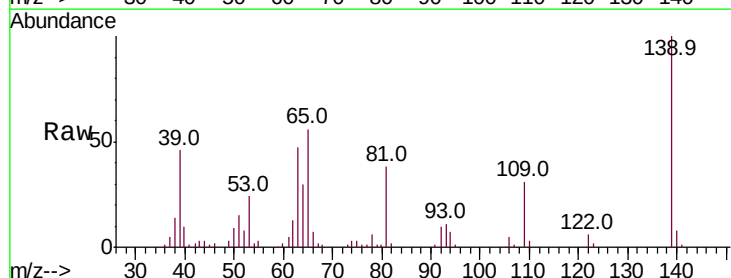
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

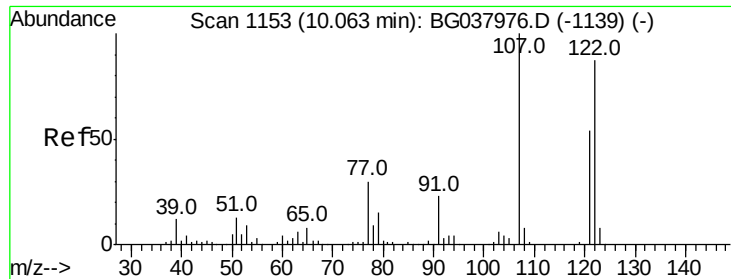
Tot Ion: 82 Resp: 253467
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 16.1 13.3 19.9



#26
2-Nitrophenol
Concen: 46.231 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion: 139 Resp: 64570
Ion Ratio Lower Upper
139 100
109 31.4 23.3 34.9
65 55.8 39.8 59.8

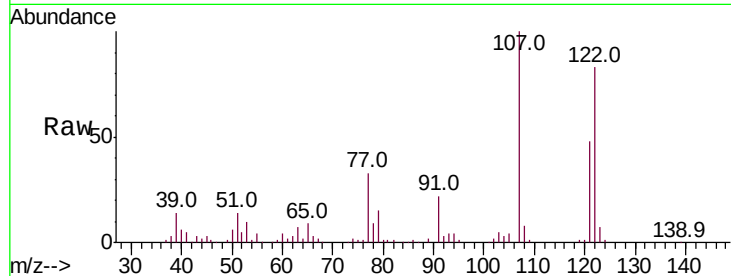




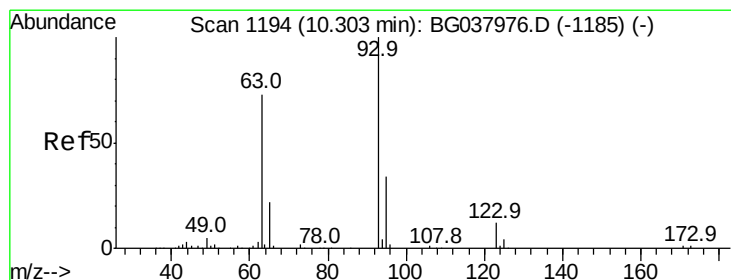
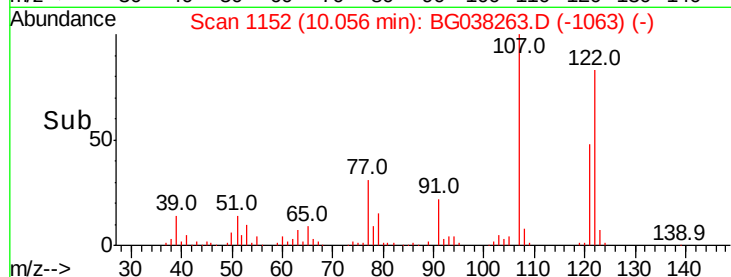
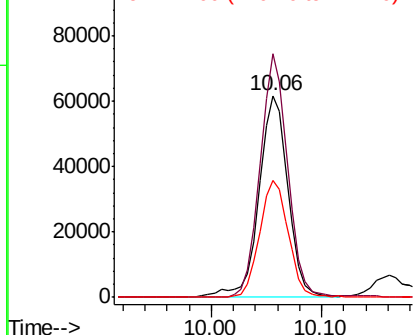
#27
 2,4-Dimethylphenol
 Concen: 54.112 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

Tot Ion:122 Resp: 113869
 Ion Ratio Lower Upper
 122 100
 107 120.9 94.2 141.2
 121 58.0 47.3 70.9

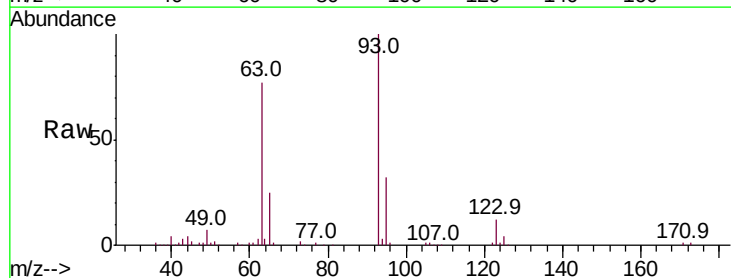


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

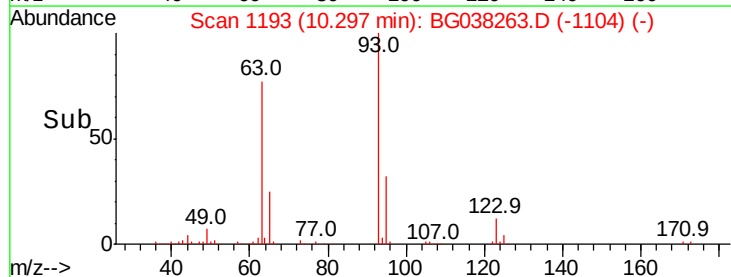
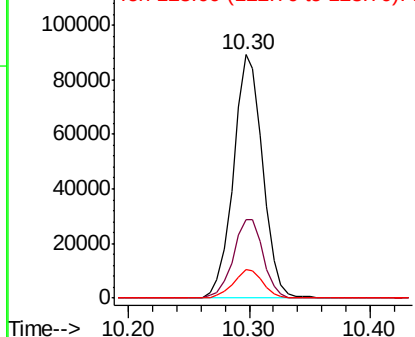


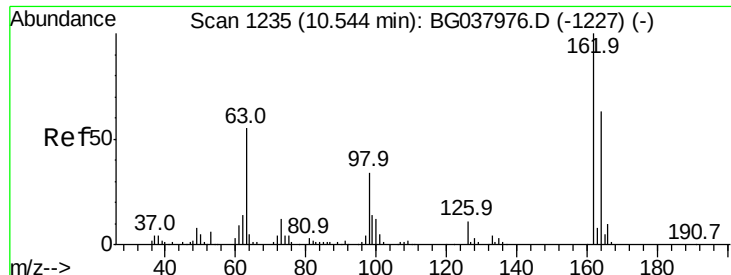
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.562 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion: 93 Resp: 149711
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.6 37.0
 123 11.8 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

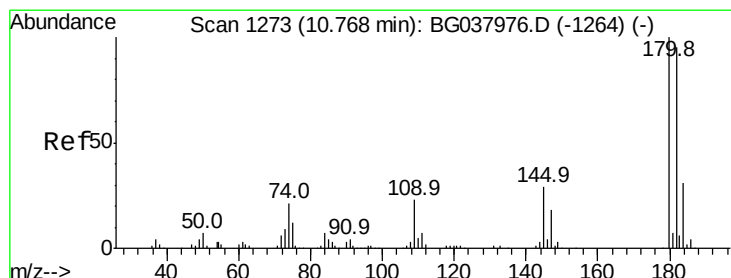
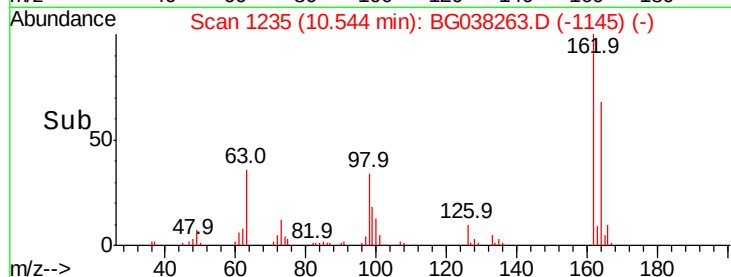
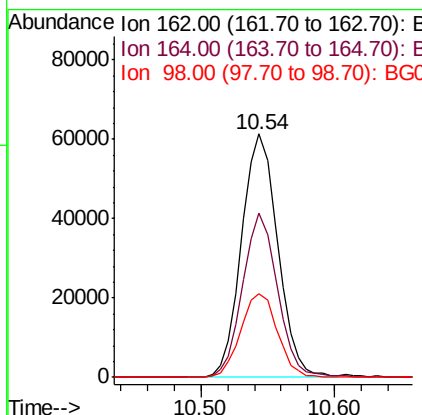
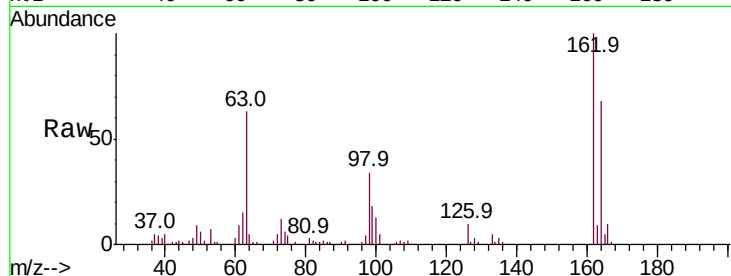




#29
 2,4-Dichlorophenol
 Concen: 48.732 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

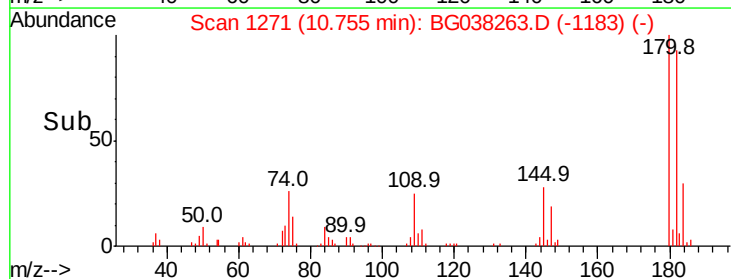
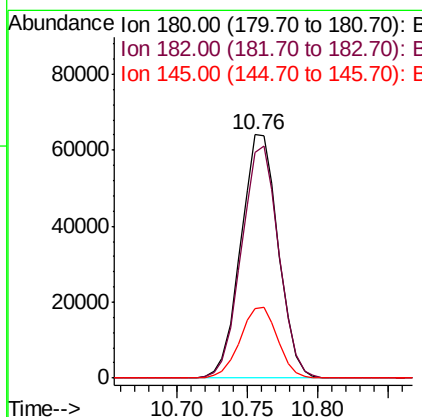
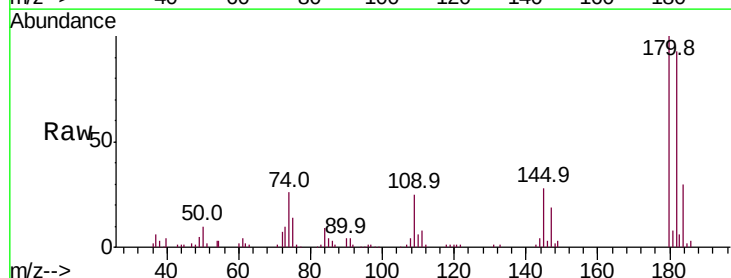
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

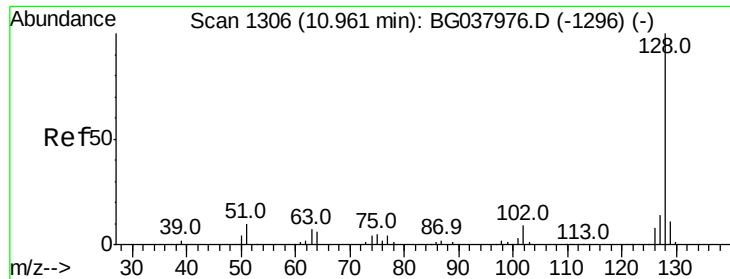
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	43.2	83.2
98	34.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.806 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.7	116.5
145	28.4	23.3	34.9

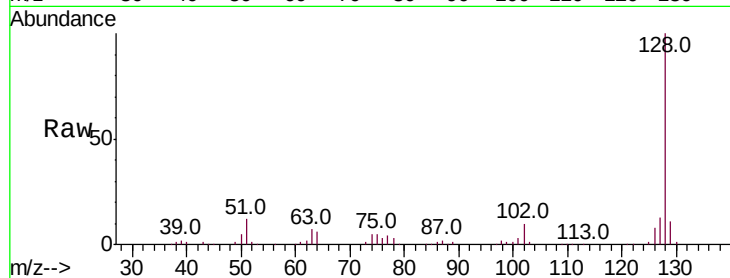




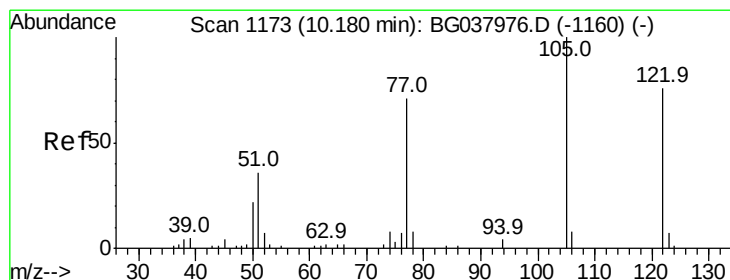
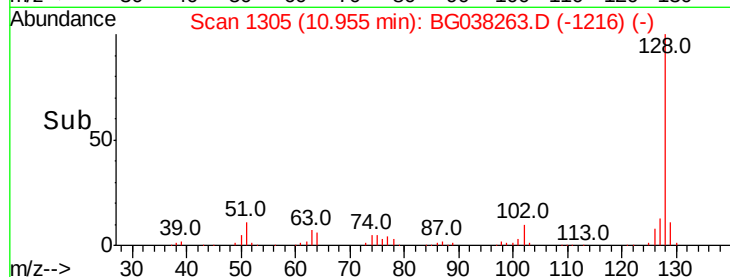
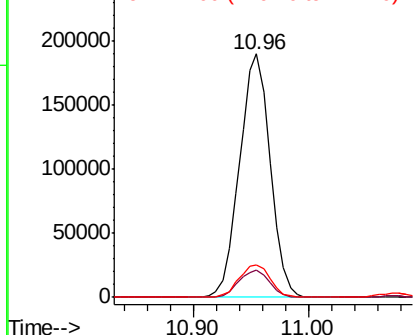
#31
Naphthalene
Concen: 48.282 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion:128 Resp: 347662
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 11.1 16.7

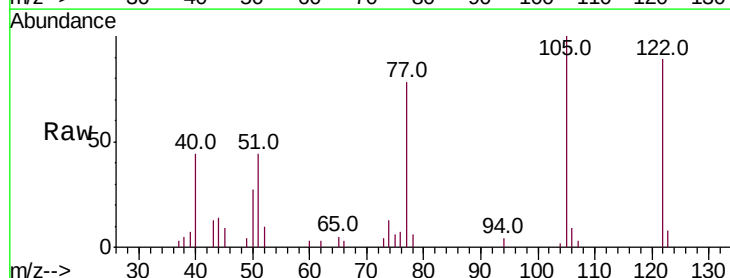


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

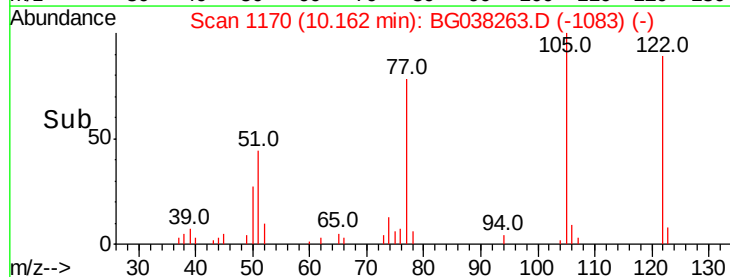
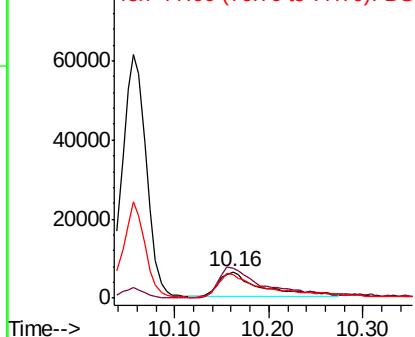


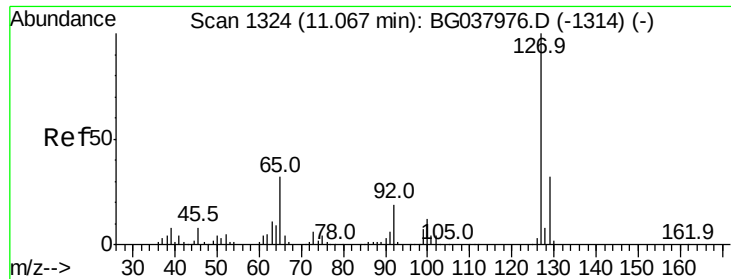
#32
Benzoic acid
Concen: 23.405 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:122 Resp: 20189
Ion Ratio Lower Upper
122 100
105 112.9 106.7 146.7
77 87.6 72.2 112.2



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

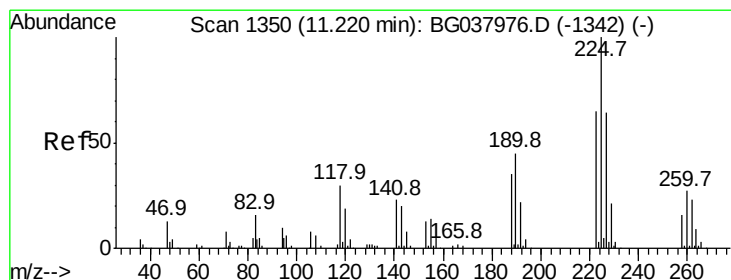
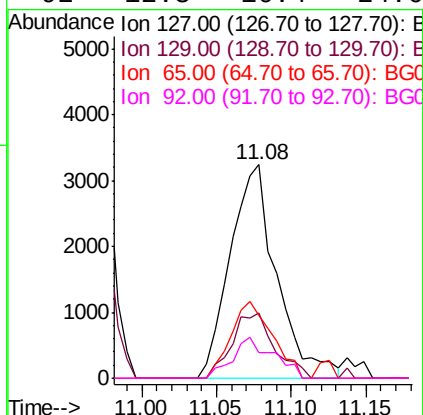
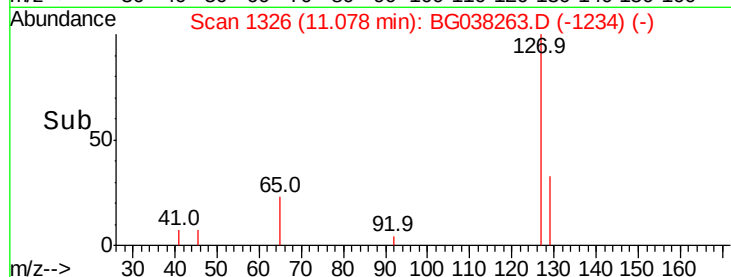
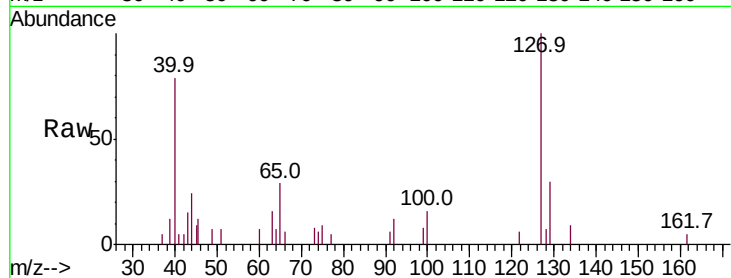




#33
4-Chloroaniline
Concen: 2.094 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

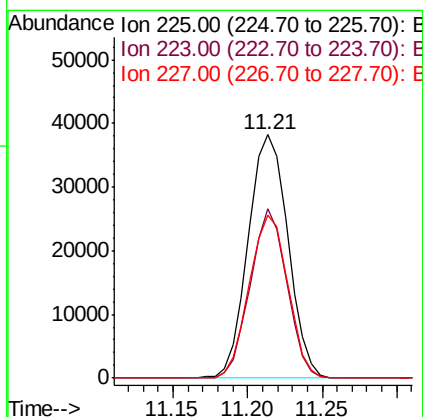
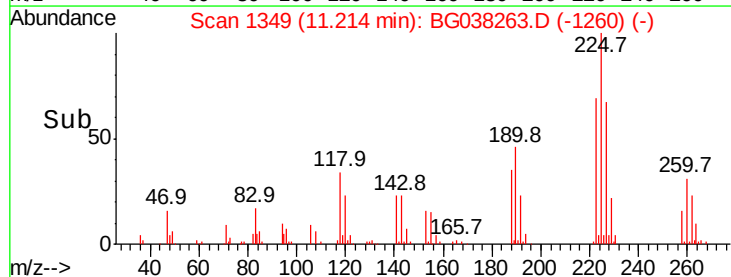
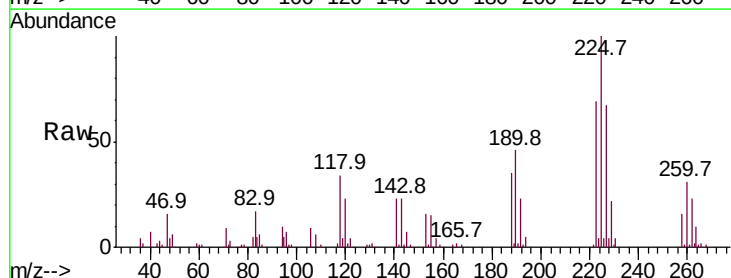
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

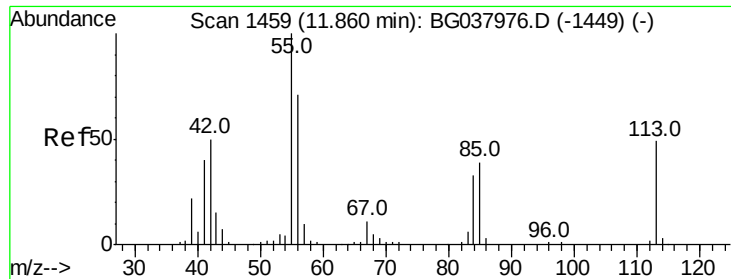
Tot Ion:127 Resp: 7015
Ion Ratio Lower Upper
127 100
129 30.4 27.1 40.7
65 29.3 26.6 39.8
92 12.3 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 43.042 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:225 Resp: 70263
Ion Ratio Lower Upper
225 100
223 73.3 48.2 72.4#
227 70.7 51.6 77.4





#35

Caprolactam

Concen: 29.792 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

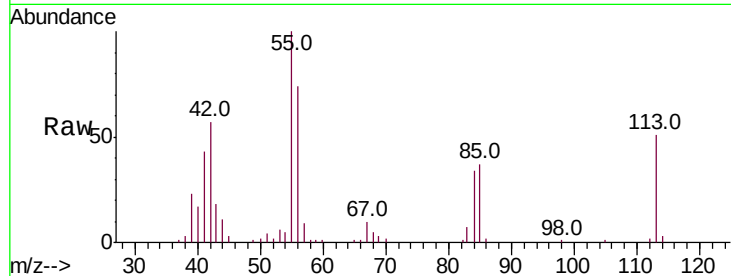
Tot Ion:113 Resp: 28226

Ion Ratio Lower Upper

113 100

55 195.8 176.6 216.6

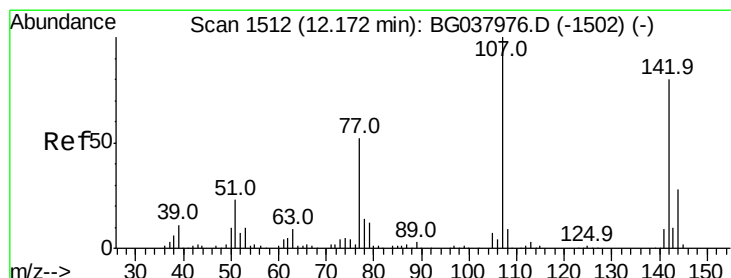
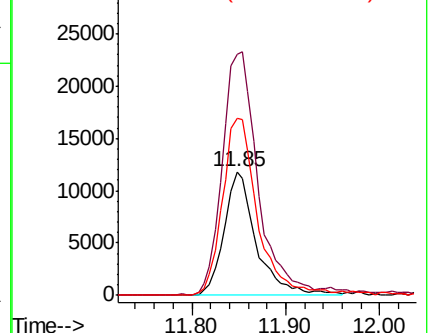
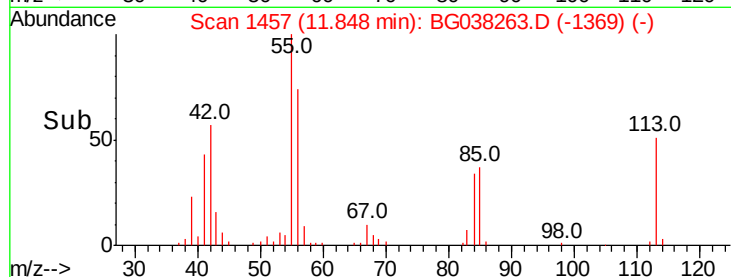
56 144.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.004 ng

RT: 12.18 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

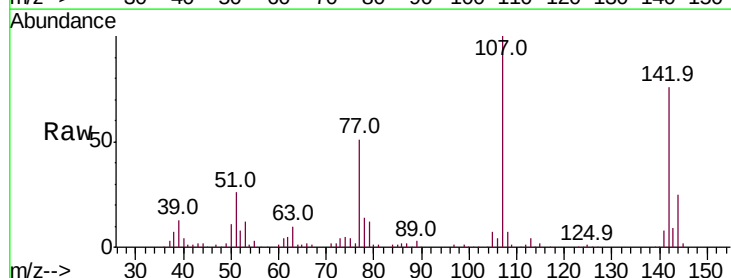
Tgt Ion:107 Resp: 126722

Ion Ratio Lower Upper

107 100

144 24.5 20.7 31.1

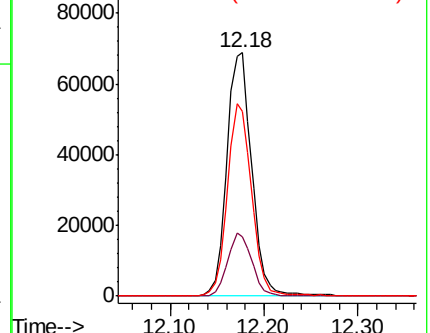
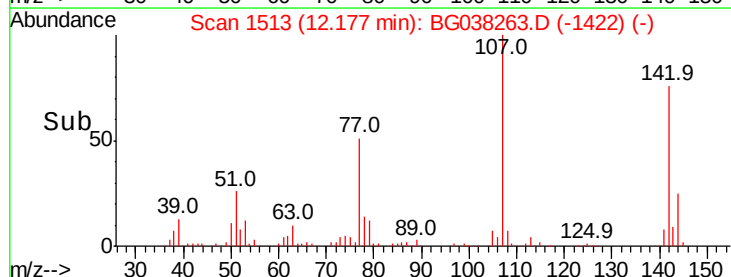
142 76.0 64.4 96.6

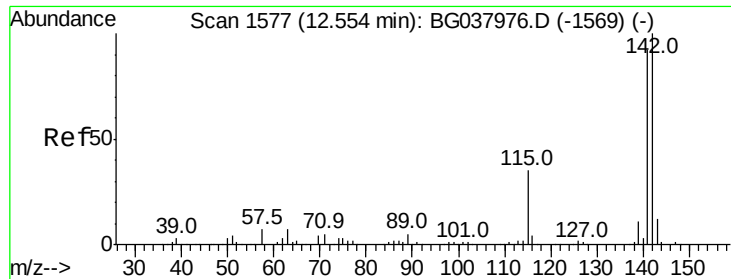


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

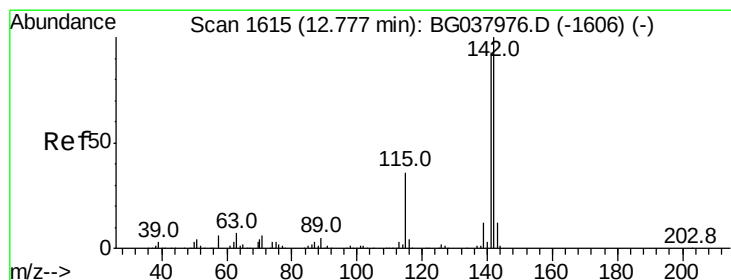
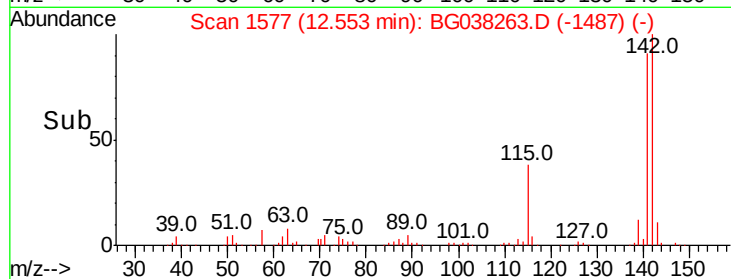
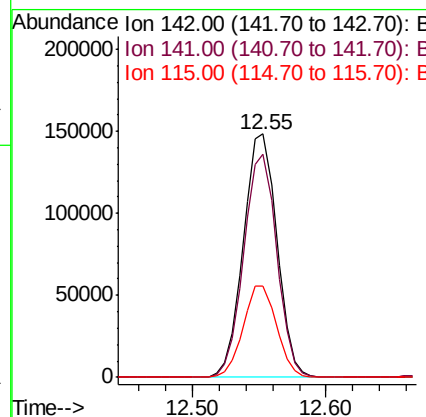
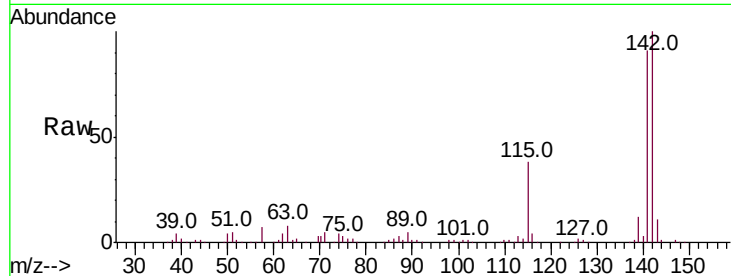




#37
 2-Methylnaphthalene
 Concen: 49.886 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

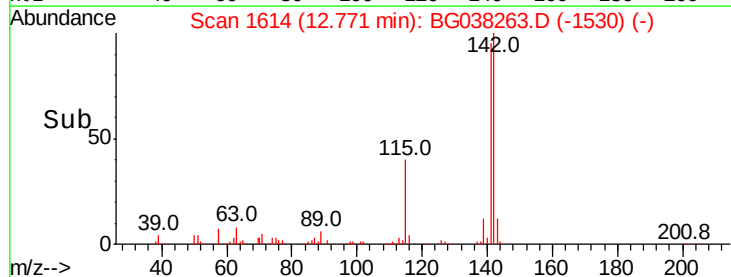
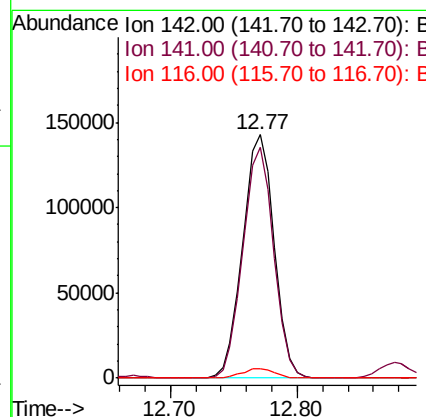
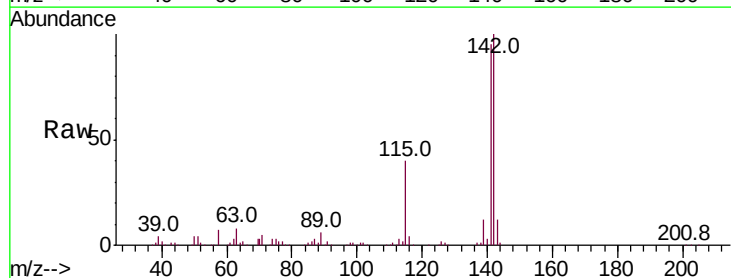
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

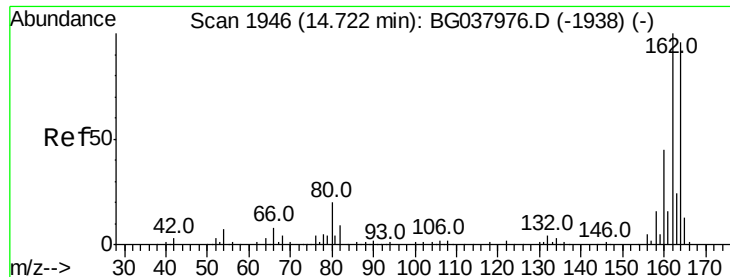
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
115	37.5	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 49.190 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

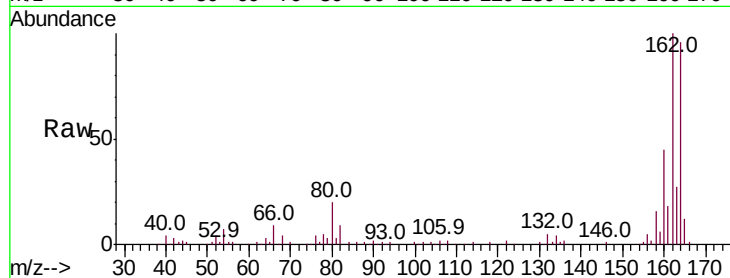
Tot Ion:164 Resp: 90015

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

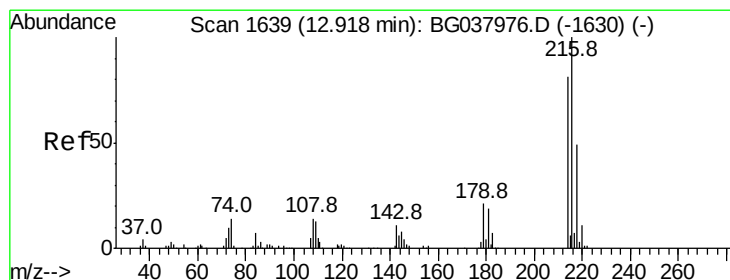
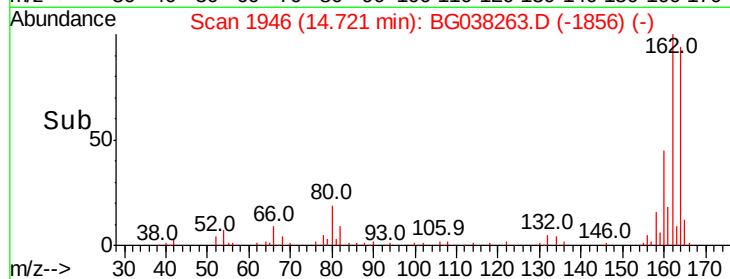
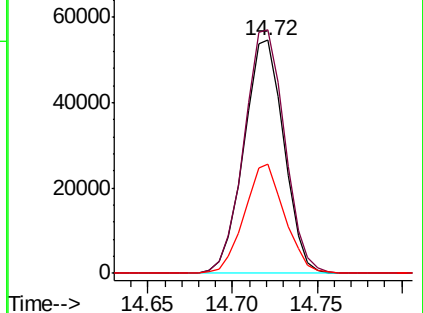
160 46.9 36.3 54.5



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: 44.724 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Tgt Ion:216 Resp: 134526

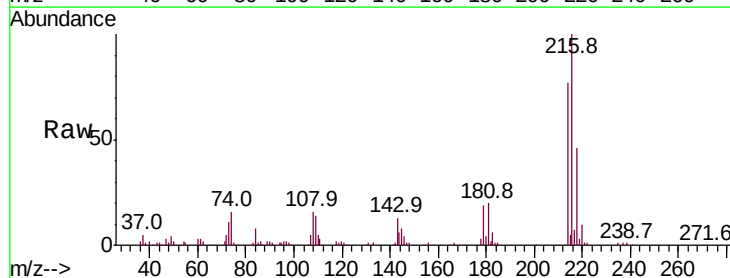
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 21.4 17.4 26.0

108 19.8 13.9 20.9

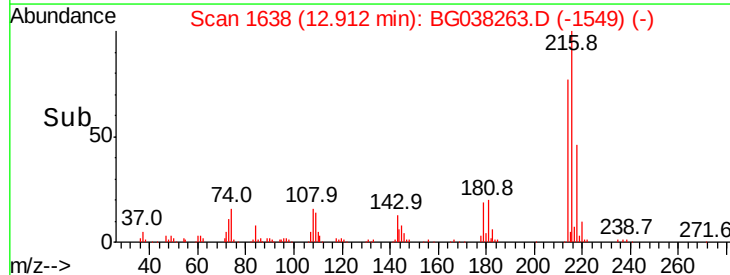
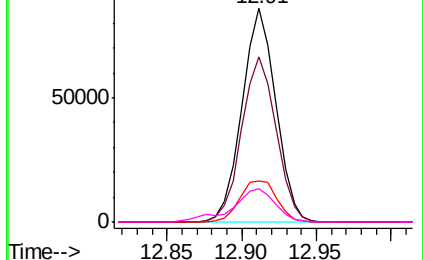


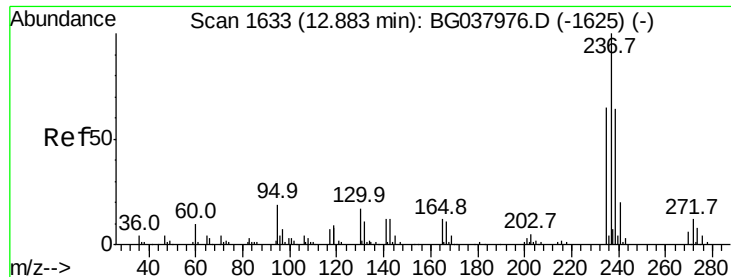
Abundance Ion 216.00 (215.70 to 216.70): E

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

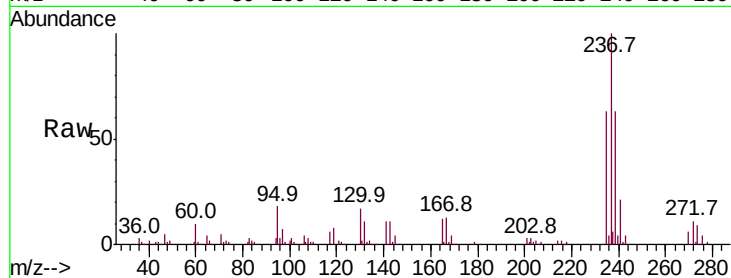




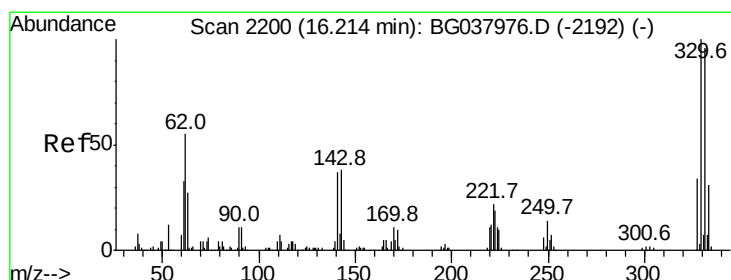
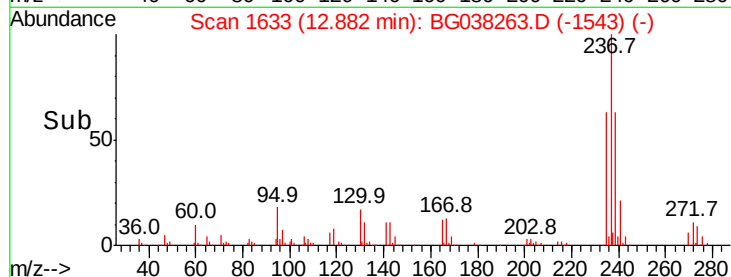
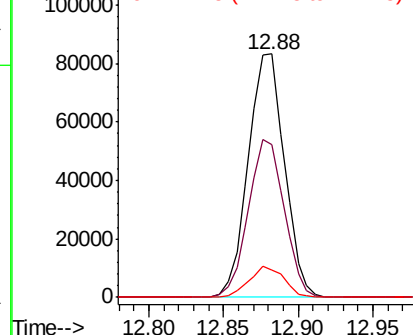
#41
Hexachlorocyclopentadiene
Concen: 86.581 ng
RT: 12.88 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.5	82.5
272	11.4	0.0	31.6

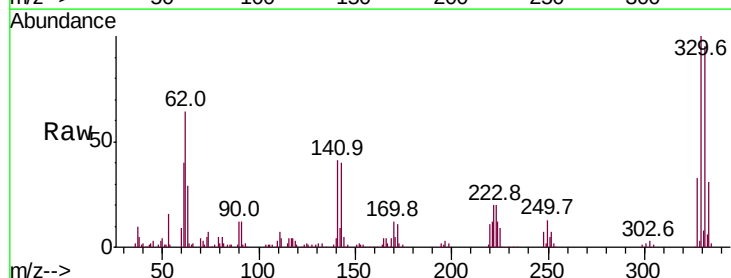


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

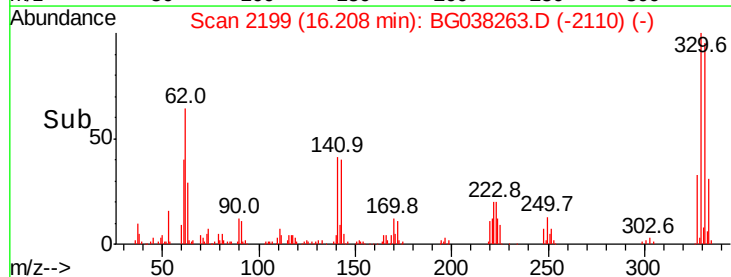
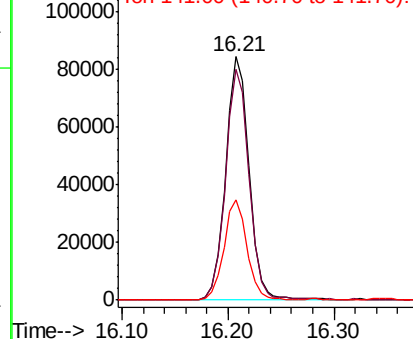


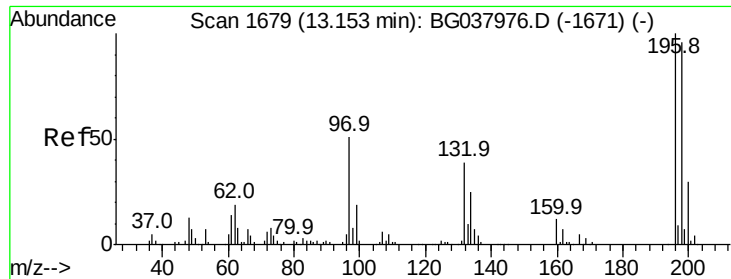
#42
2,4,6-Tribromophenol
Concen: 126.690 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	40.8	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

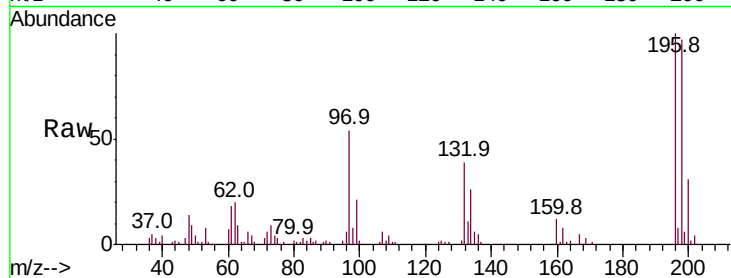




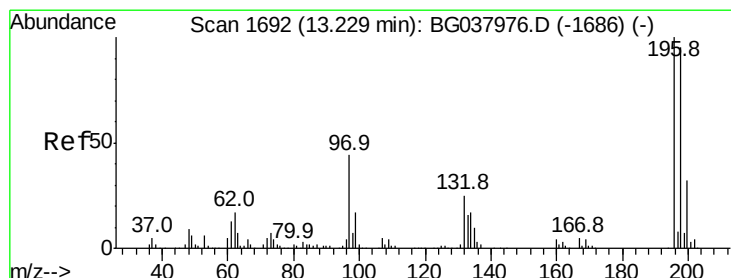
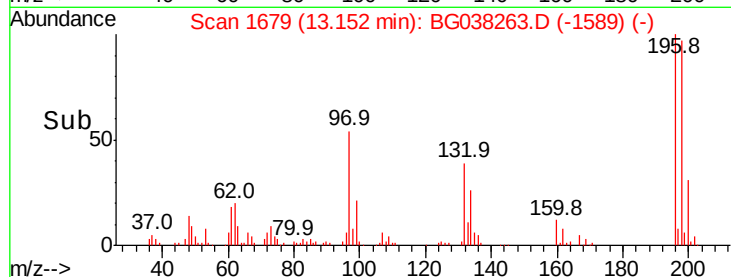
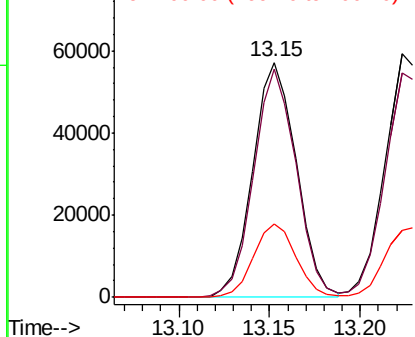
#43
 2,4,6-Trichlorophenol
 Concen: 46.548 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

Tot Ion:196 Resp: 95408
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.4 114.6
 200 31.4 24.9 37.3

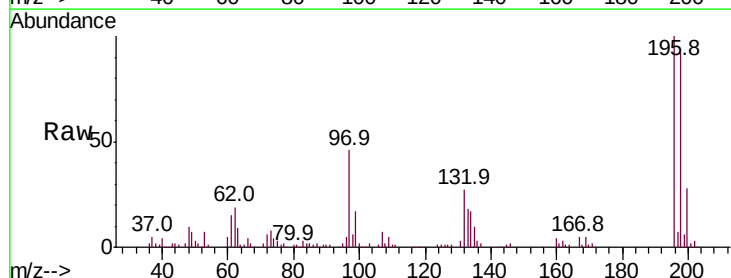


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

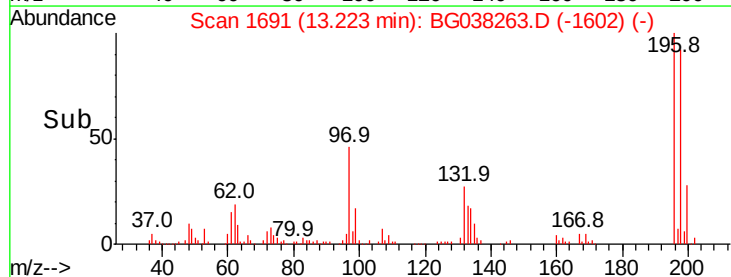
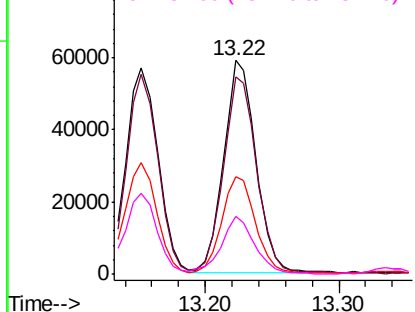


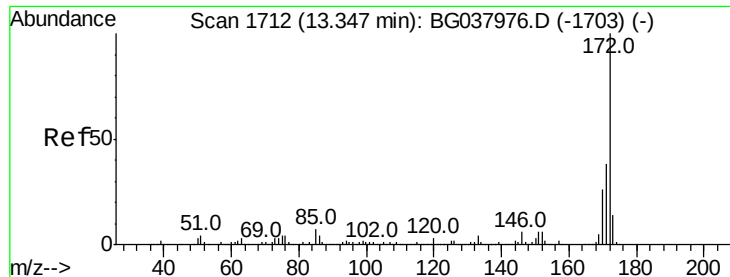
#44
 2,4,5-Trichlorophenol
 Concen: 46.337 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion:196 Resp: 99932
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.2
 97 45.8 34.1 51.1
 132 26.8 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

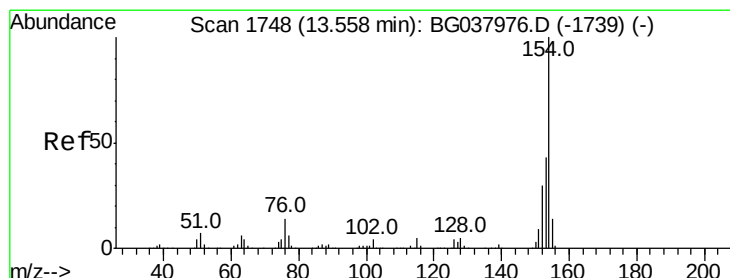
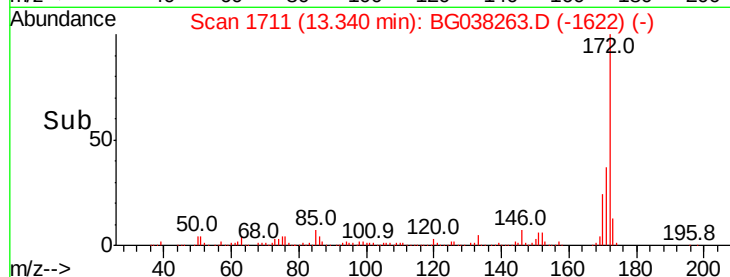
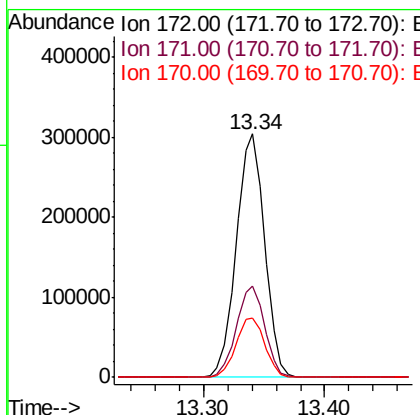
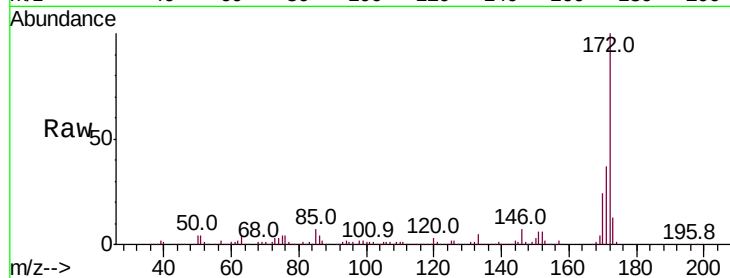




#45
2-Fluorobiphenyl
Concen: 80.436 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

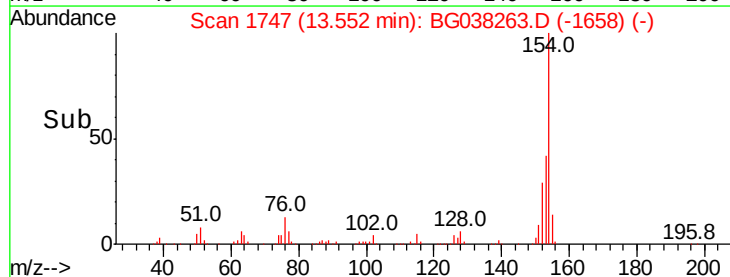
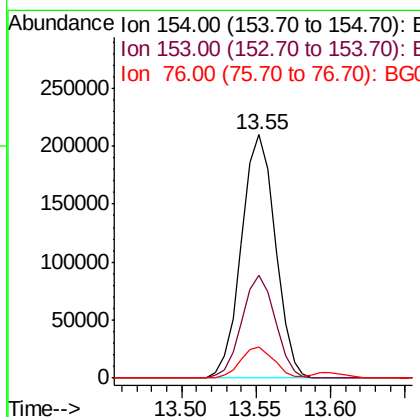
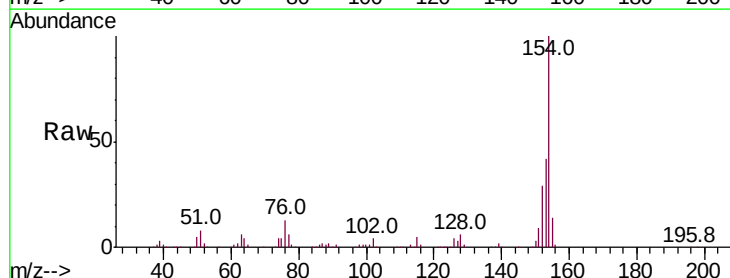
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

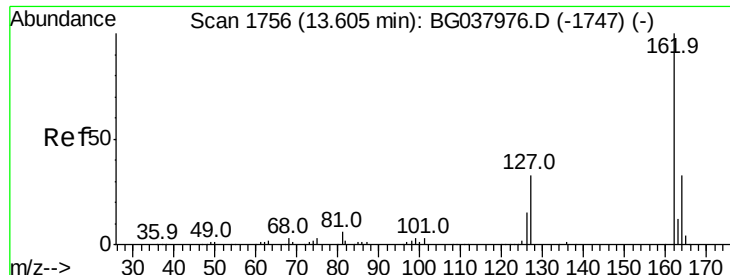
Tot Ion:172 Resp: 496994
Ion Ratio Lower Upper
172 100
171 37.3 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 43.778 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:154 Resp: 331060
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 13.0 0.0 33.2

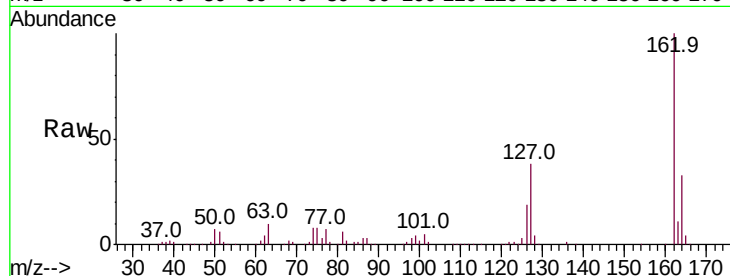




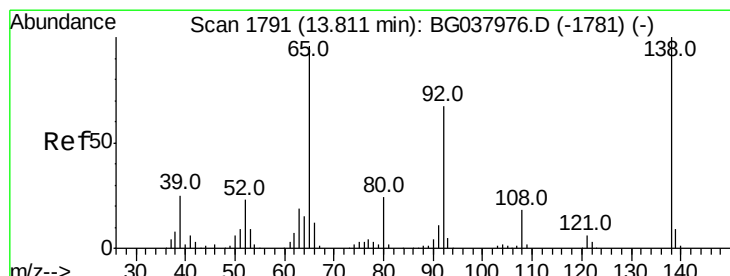
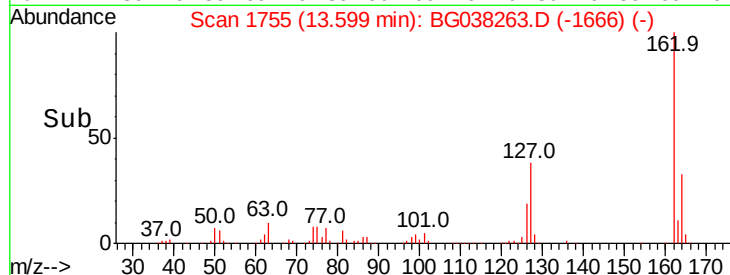
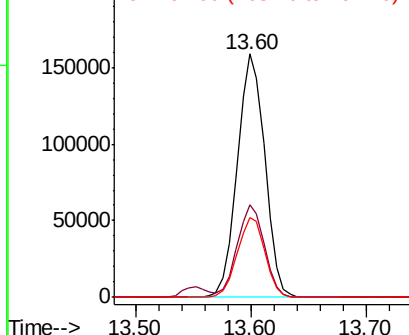
#47
 2-Chloronaphthalene
 Concen: 45.288 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

Tot Ion:162 Resp: 261343
 Ion Ratio Lower Upper
 162 100
 127 38.2 30.5 45.7
 164 32.8 26.4 39.6

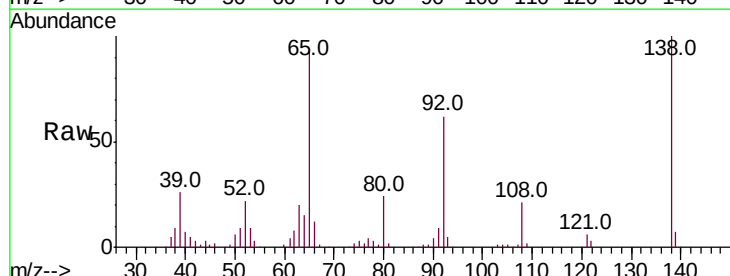


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

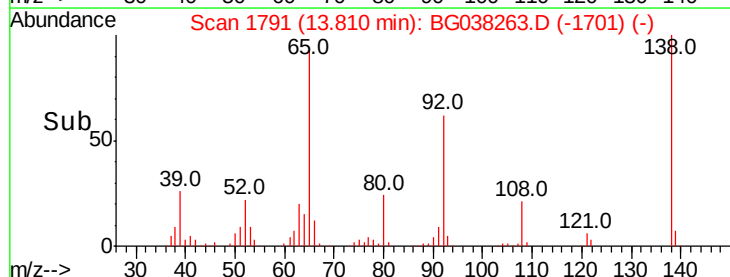
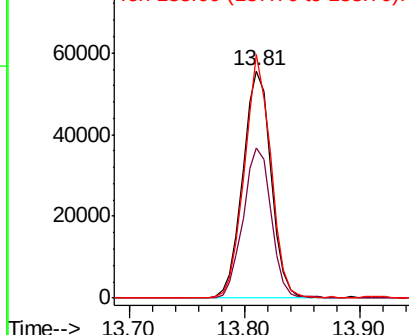


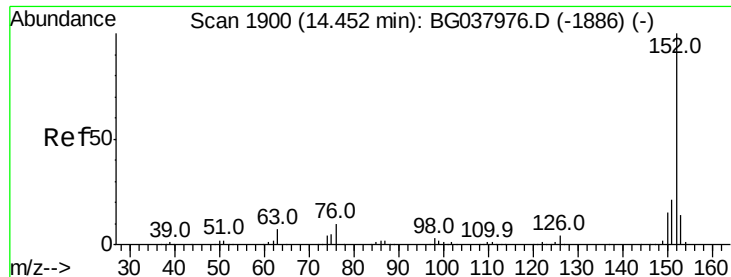
#48
 2-Nitroaniline
 Concen: 52.038 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion: 65 Resp: 94510
 Ion Ratio Lower Upper
 65 100
 92 66.3 53.2 79.8
 138 107.1 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: 49.855 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

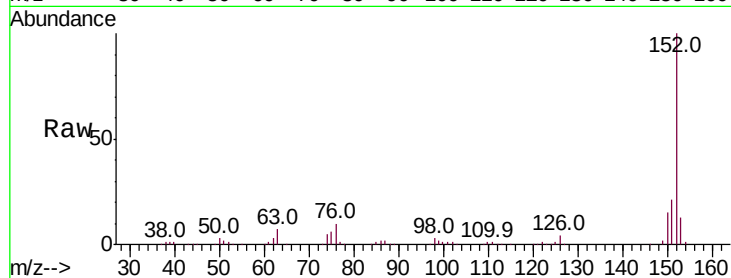
Tot Ion:152 Resp: 432631

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

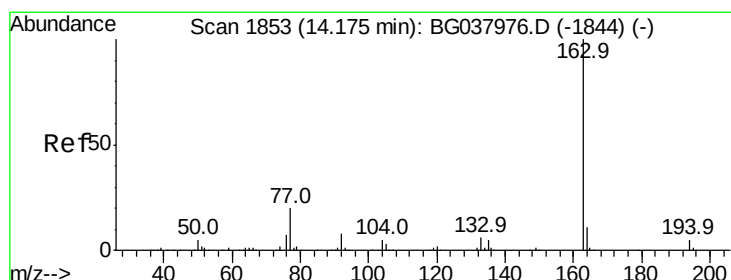
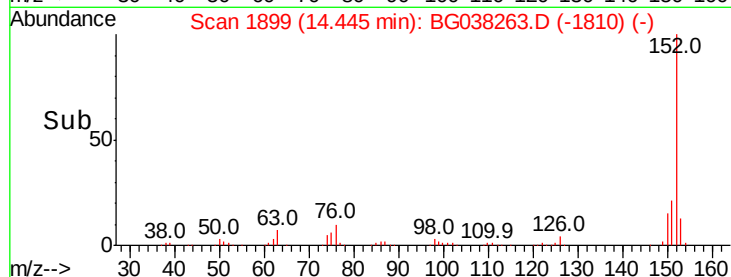
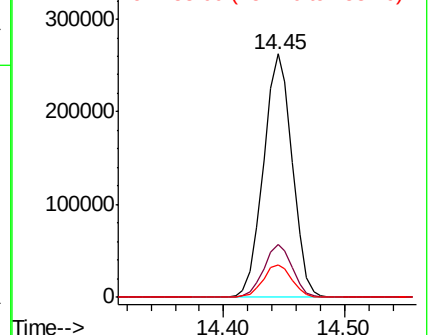
153 13.3 11.1 16.7



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: 47.704 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

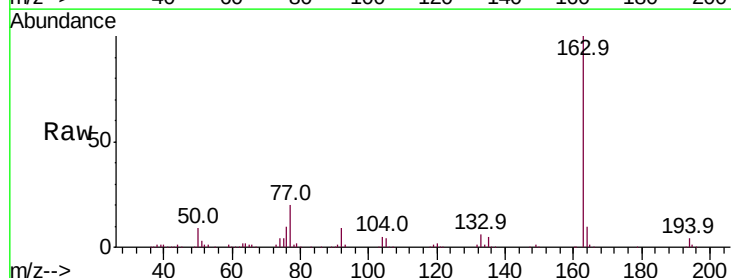
Tgt Ion:163 Resp: 340423

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

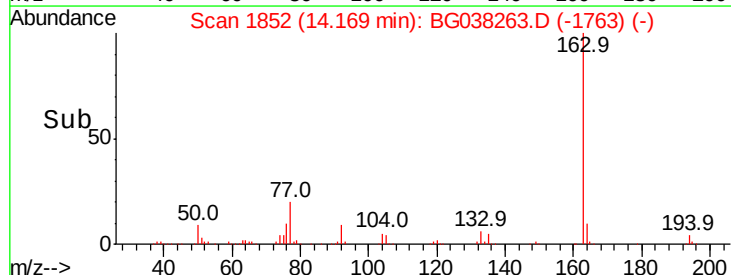
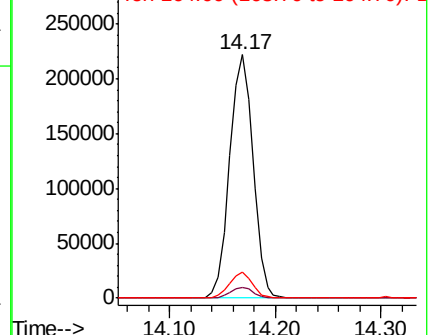
164 10.4 8.5 12.7

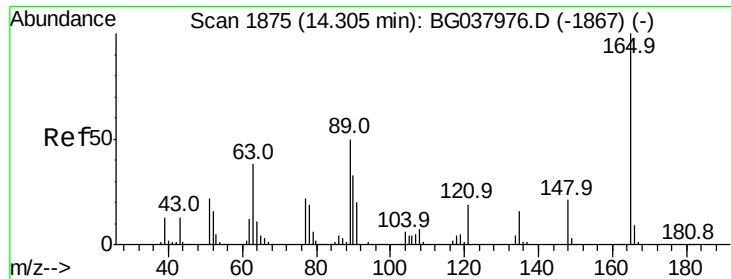


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

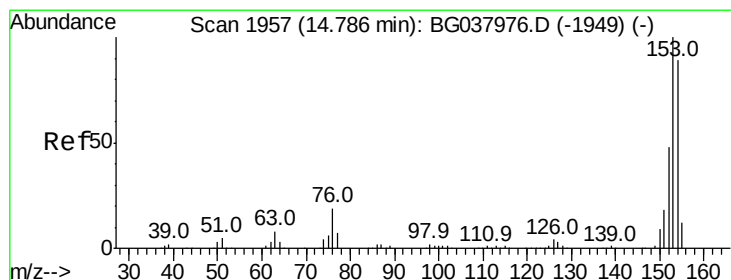
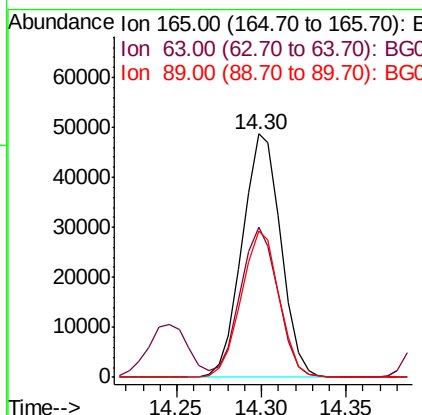
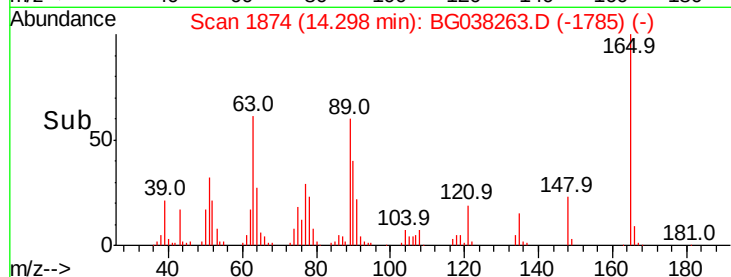
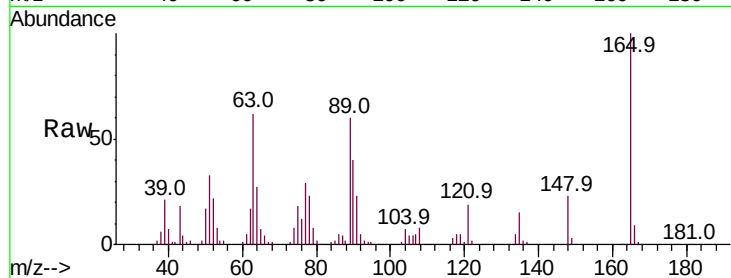




#51
 2,6-Dinitrotoluene
 Concen: 47.960 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

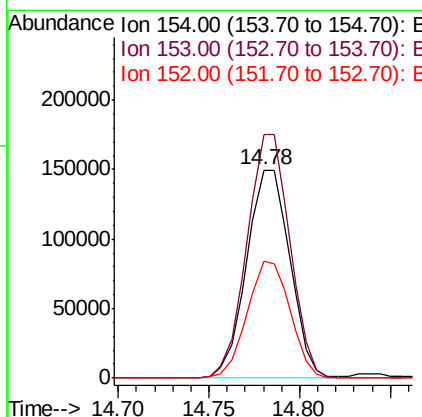
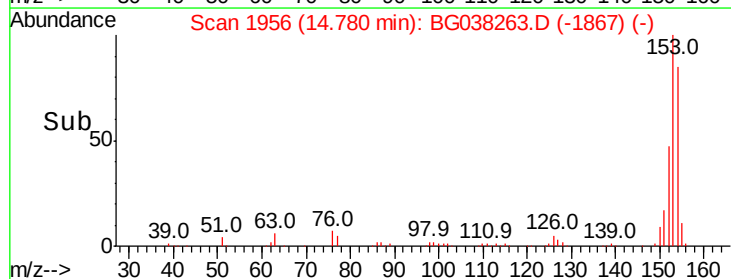
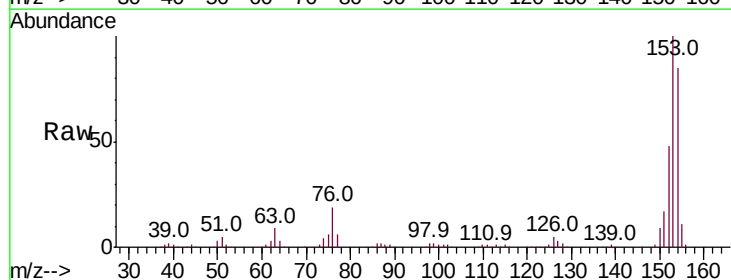
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

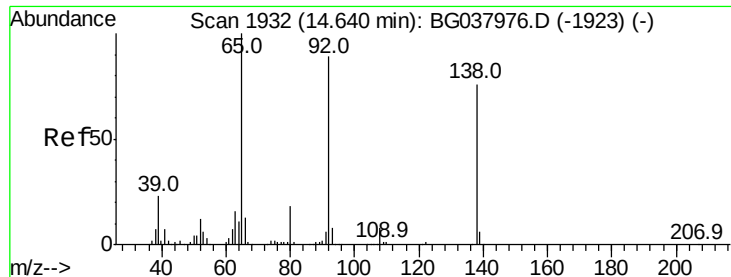
Tot Ion:165 Resp: 77460
 Ion Ratio Lower Upper
 165 100
 63 61.8 43.4 65.2
 89 60.1 45.8 68.6



#52
 Acenaphthene
 Concen: 47.801 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion:154 Resp: 249725
 Ion Ratio Lower Upper
 154 100
 153 117.0 93.4 140.0
 152 56.1 44.7 67.1

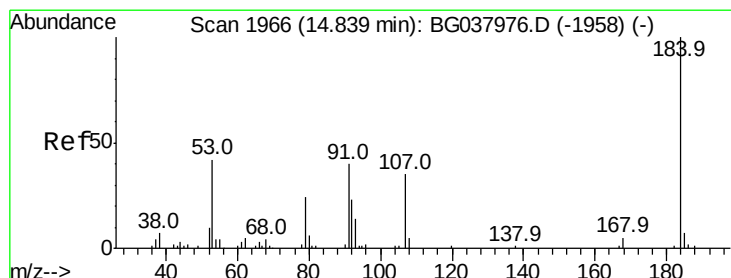
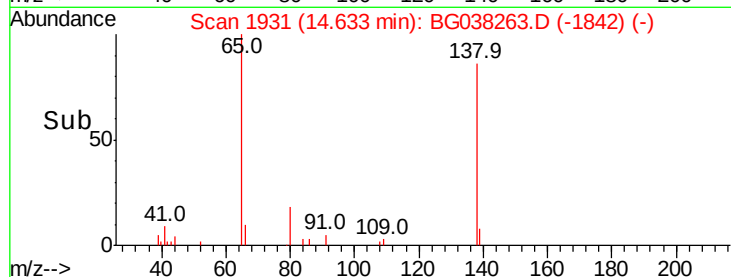
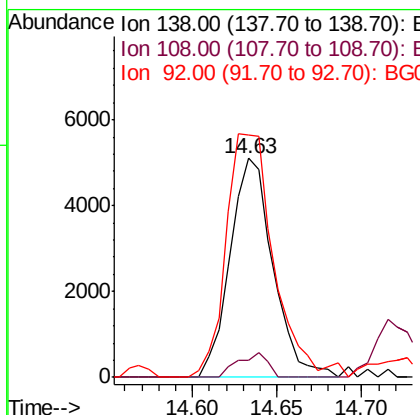
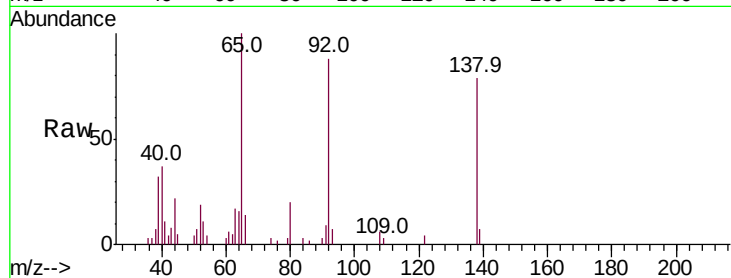




#53
 3-Nitroaniline
 Concen: 5.076 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

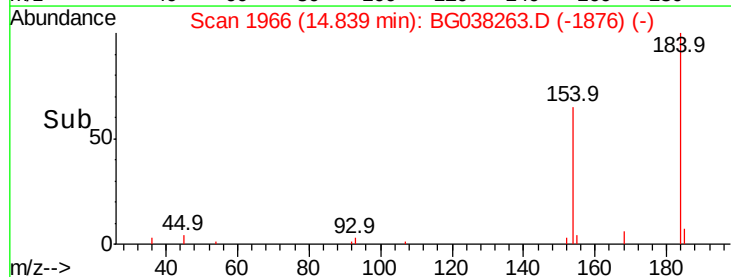
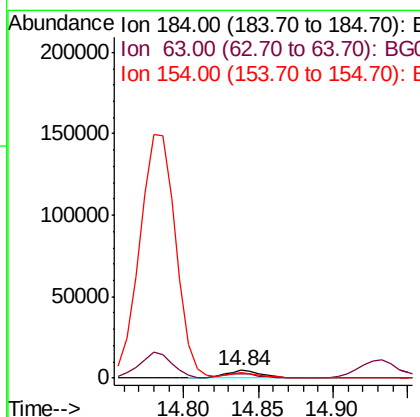
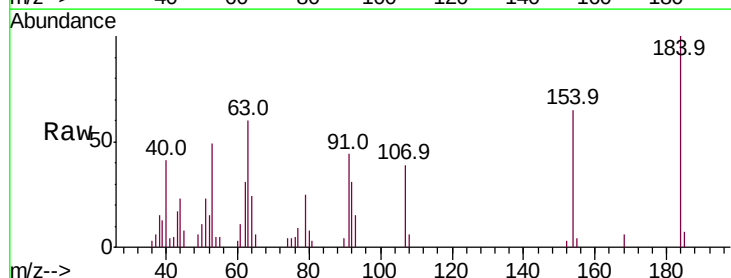
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

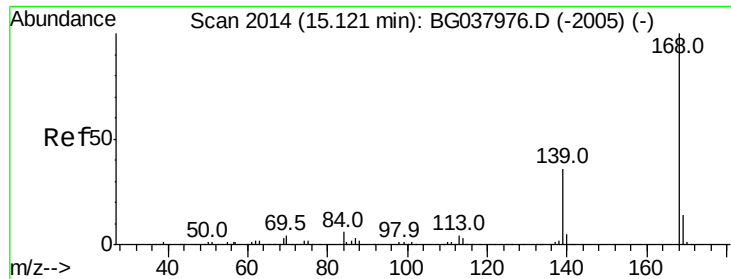
Tot Ion:138 Resp: 9046
 Ion Ratio Lower Upper
 138 100
 108 7.9 11.0 16.6#
 92 110.9 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 17.933 ng
 RT: 14.84 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion:184 Resp: 8529
 Ion Ratio Lower Upper
 184 100
 63 60.0 42.6 63.8
 154 65.0 41.8 62.6#





#55

Dibenzofuran

Concen: 46.560 ng

RT: 15.11 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

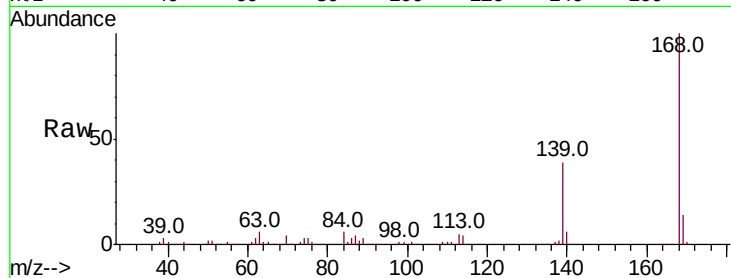
Tot Ion:168 Resp: 402204

Ion Ratio Lower Upper

168 100

139 39.5 29.4 44.0

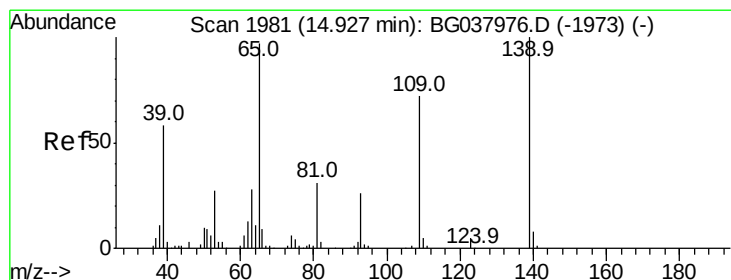
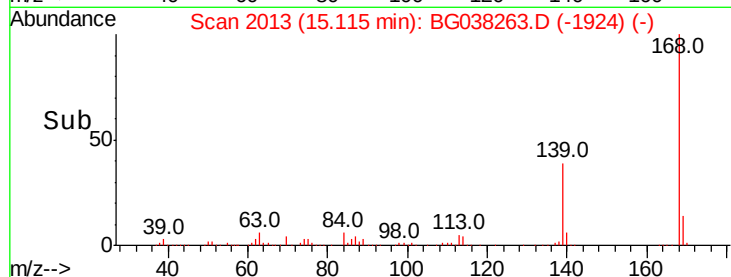
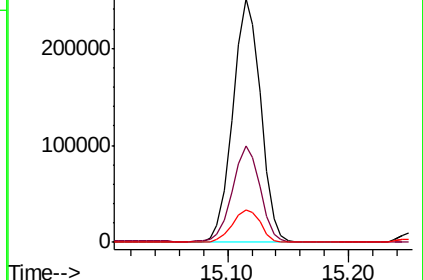
169 13.5 11.0 16.6



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: 58.947 ng

RT: 14.93 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

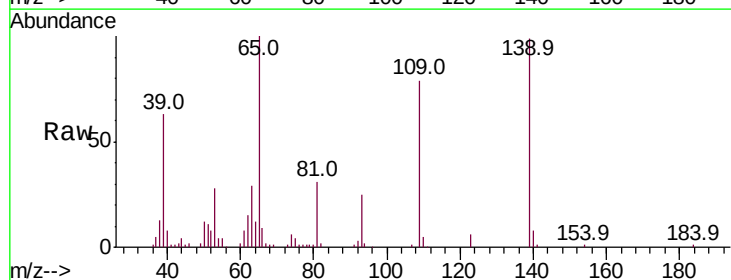
Tgt Ion:139 Resp: 81024

Ion Ratio Lower Upper

139 100

109 80.2 49.5 89.5

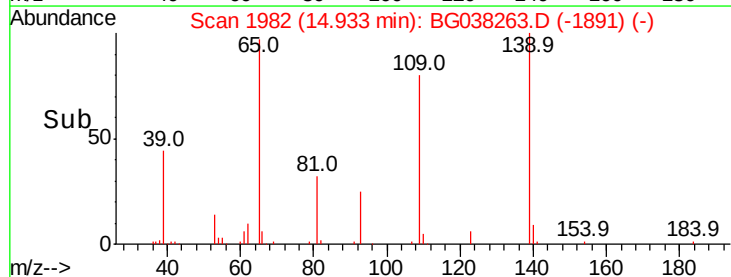
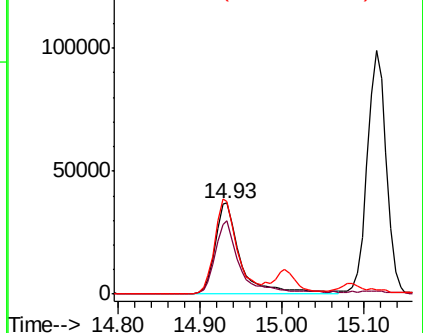
65 101.3 76.8 116.8

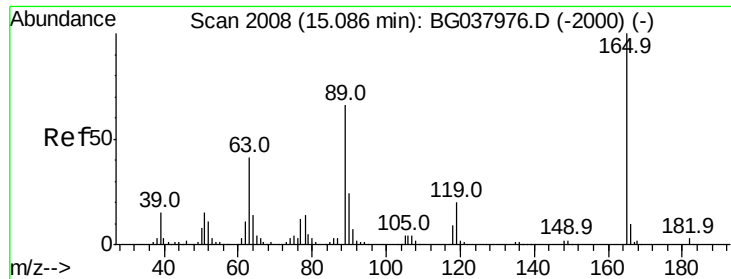


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

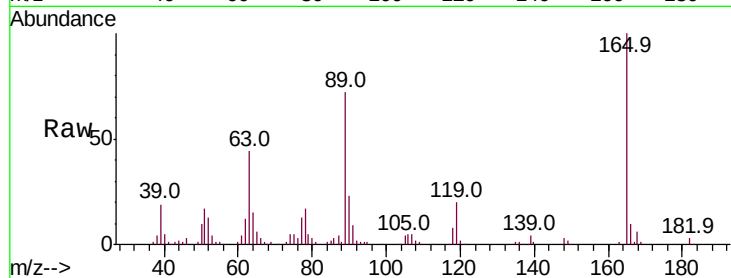




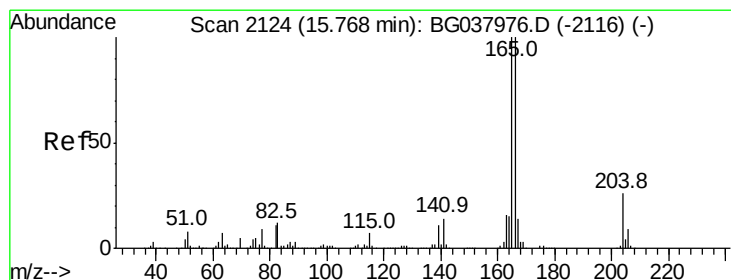
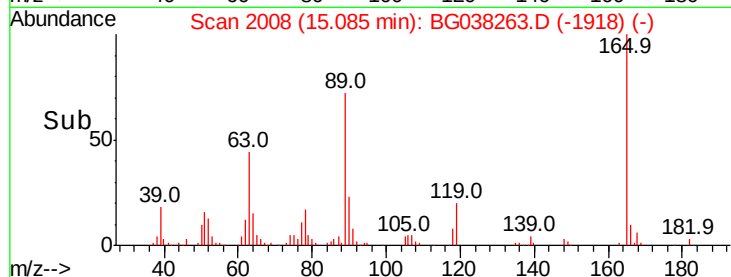
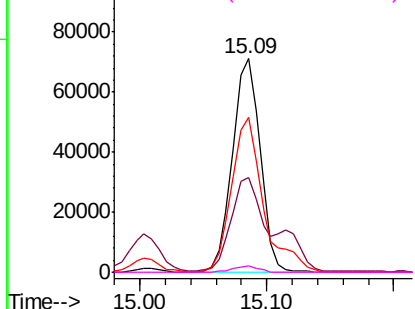
#57
 2,4-Dinitrotoluene
 Concen: 48.851 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

Tot Ion:165 Resp: 107350
 Ion Ratio Lower Upper
 165 100
 63 44.3 33.4 50.0
 89 72.4 57.2 85.8
 182 2.8 2.6 4.0

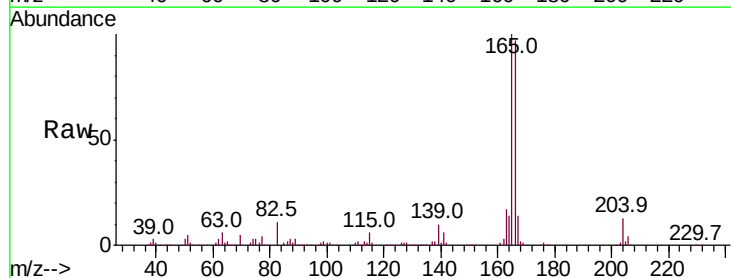


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

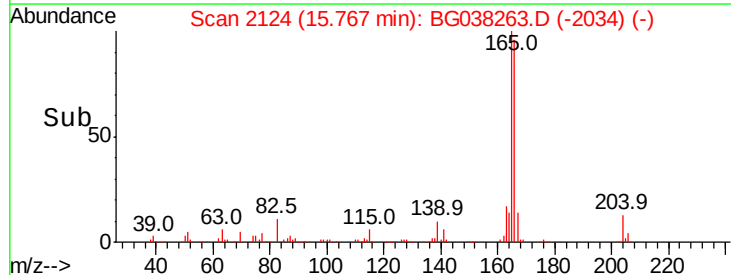
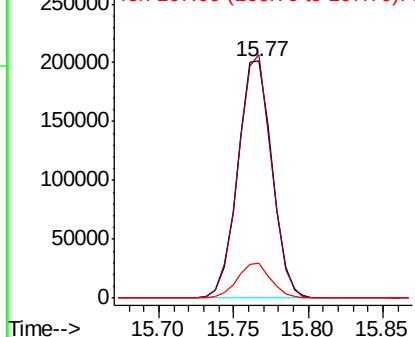


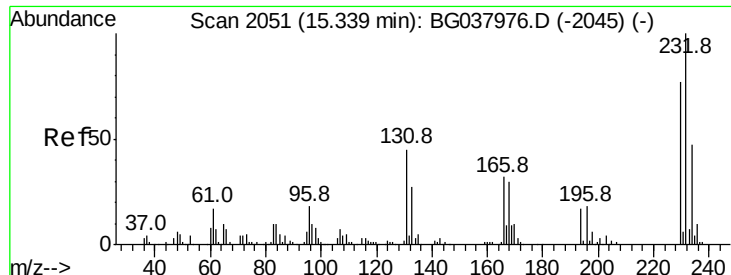
#58
 Fluorene
 Concen: 49.574 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion:166 Resp: 319522
 Ion Ratio Lower Upper
 166 100
 165 102.9 79.0 118.6
 167 14.6 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

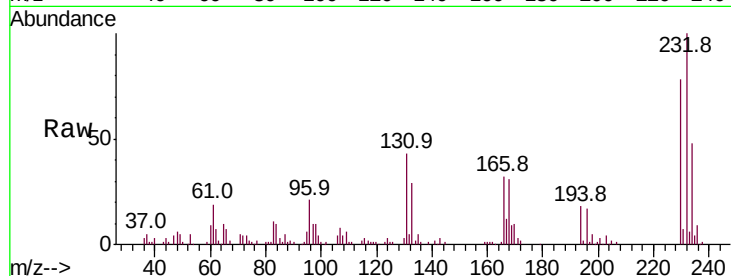




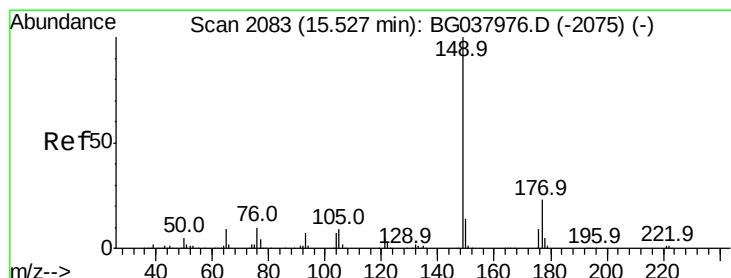
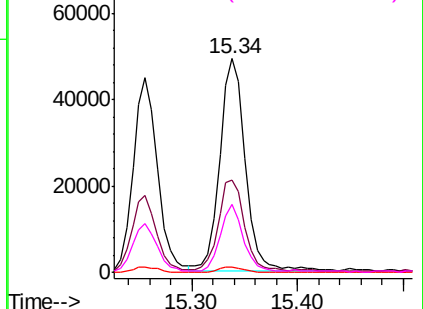
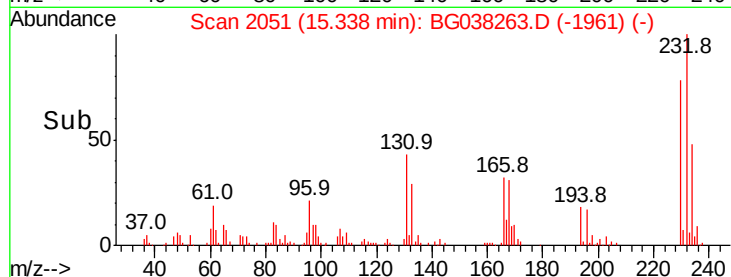
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.773 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

Tot Ion:232 Resp: 82602
 Ion Ratio Lower Upper
 232 100
 131 43.3 33.7 50.5
 130 2.3 2.1 3.1
 166 28.2 24.6 36.8

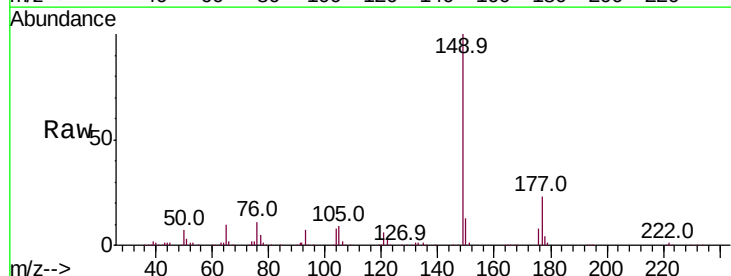


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

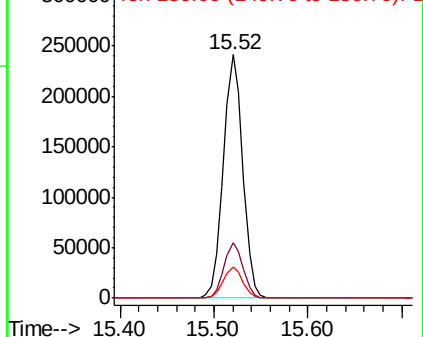
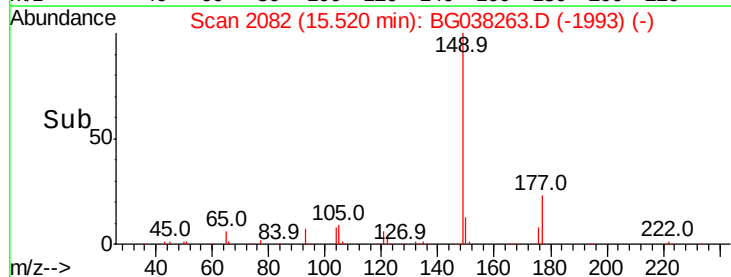


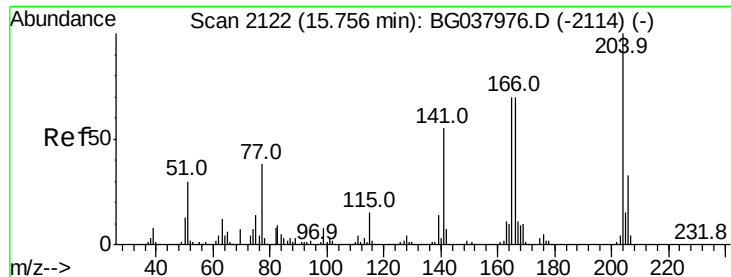
#60
 Diethylphthalate
 Concen: 45.776 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion:149 Resp: 346969
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.3 27.5
 150 12.6 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

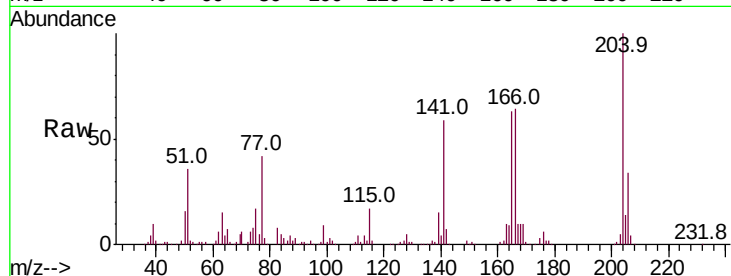




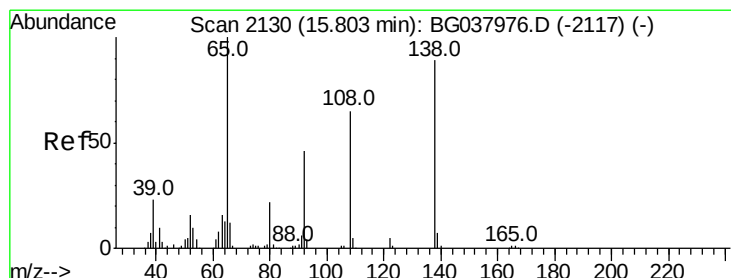
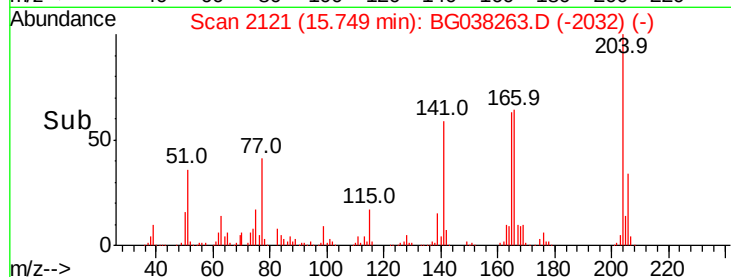
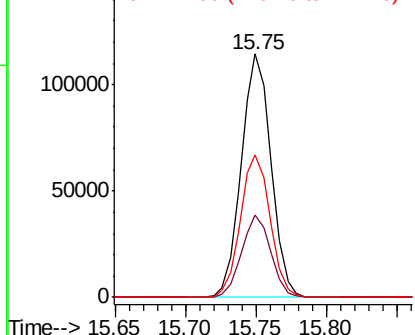
#61
4-Chlorophenyl-phenylether
Concen: 44.539 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion:204 Resp: 167975
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 58.5 45.4 68.2

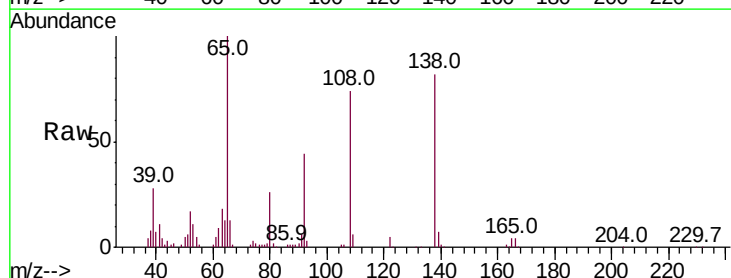


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

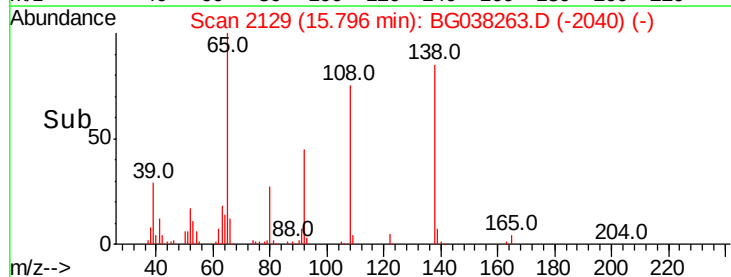
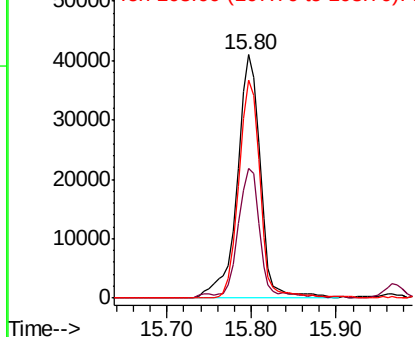


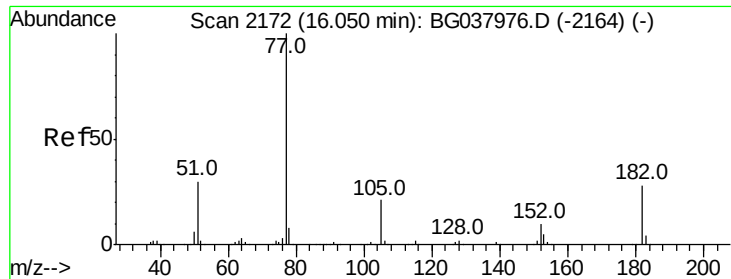
#62
4-Nitroaniline
Concen: 43.589 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:138 Resp: 77172
Ion Ratio Lower Upper
138 100
92 53.1 36.4 76.4
108 89.5 60.1 100.1



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

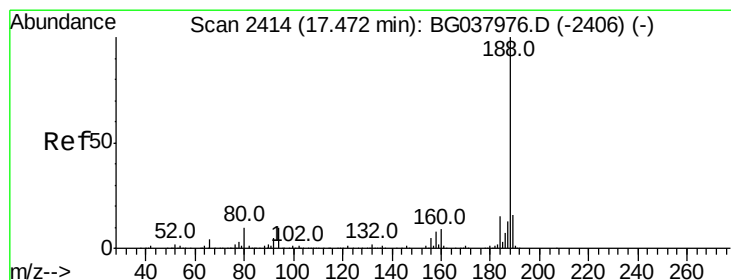
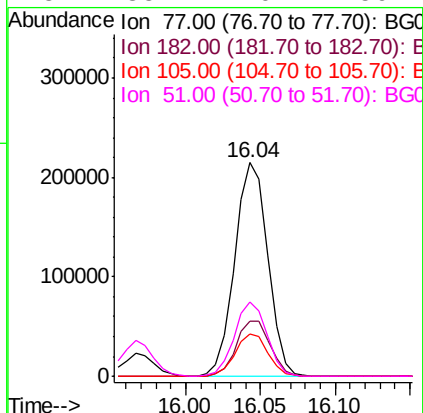
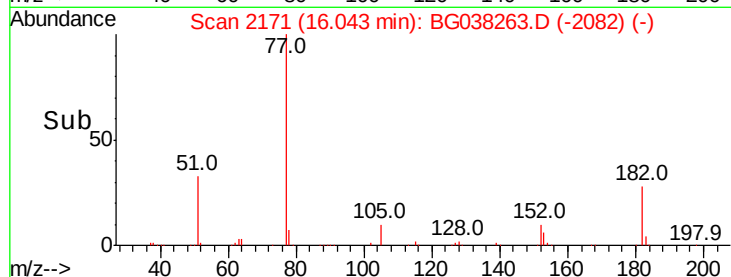
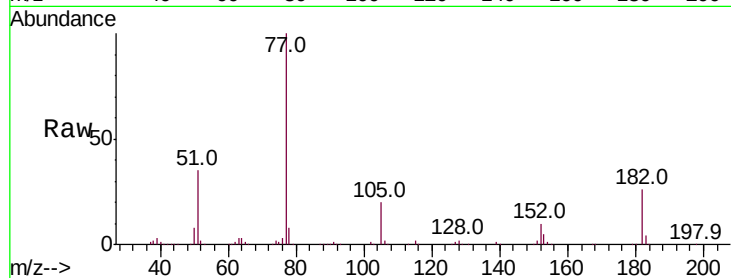




#63
Azobenzene
Concen: 48.691 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

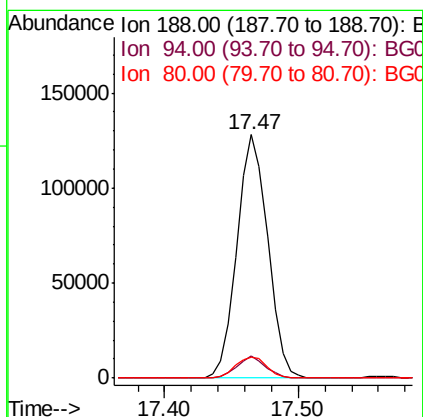
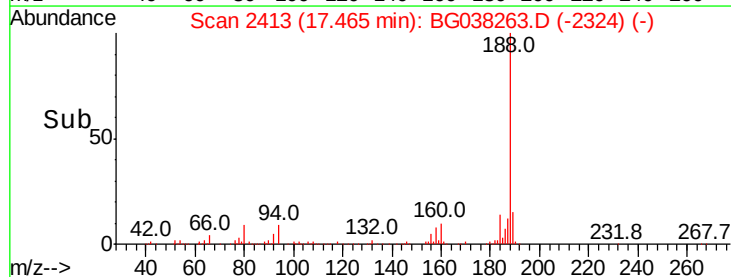
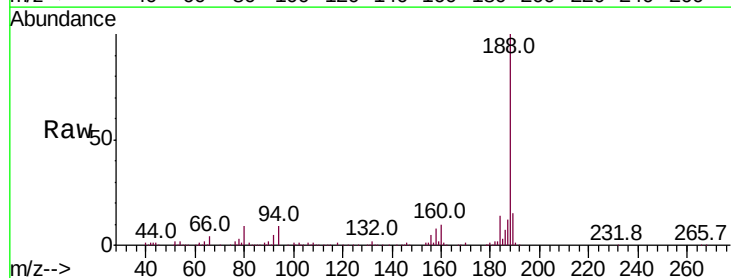
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

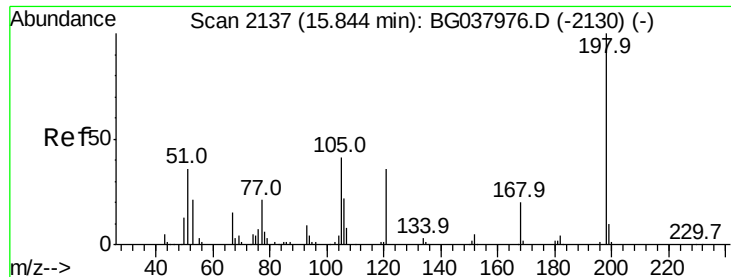
Tot Ion: 77 Resp: 329980
Ion Ratio Lower Upper
77 100
182 26.1 8.0 48.0
105 20.1 1.3 41.3
51 35.1 10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion: 188 Resp: 203711
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 8.8 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 12.298 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

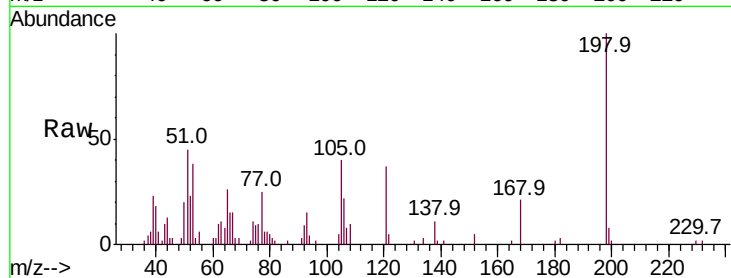
Tot Ion:198 Resp: 15846

Ion Ratio Lower Upper

198 100

51 45.2 22.7 62.7

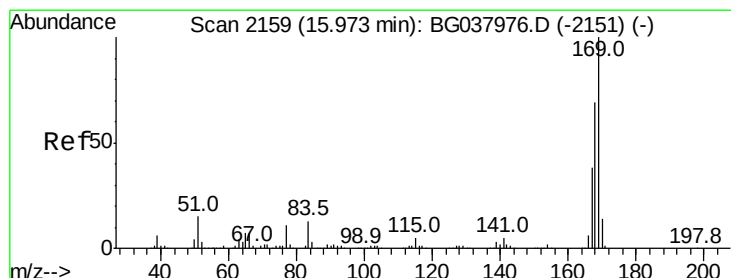
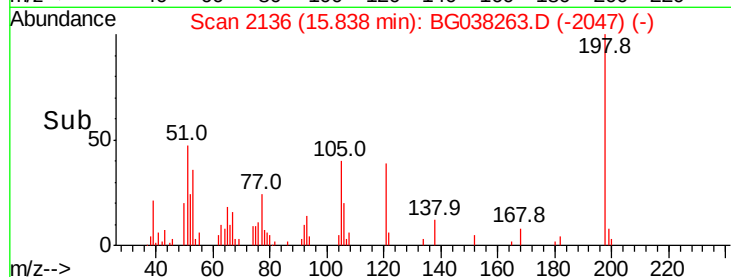
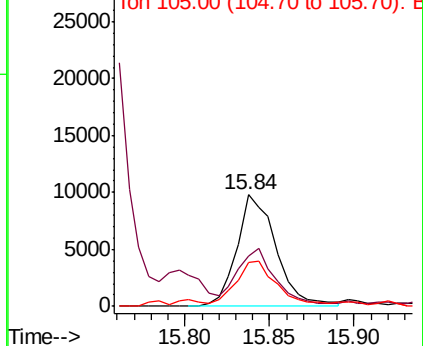
105 39.9 19.7 59.7



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: 47.301 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

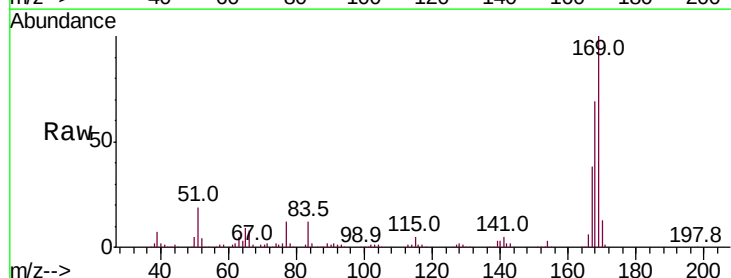
Tgt Ion:169 Resp: 291508

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

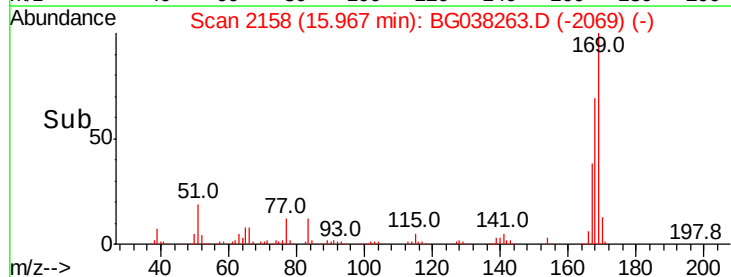
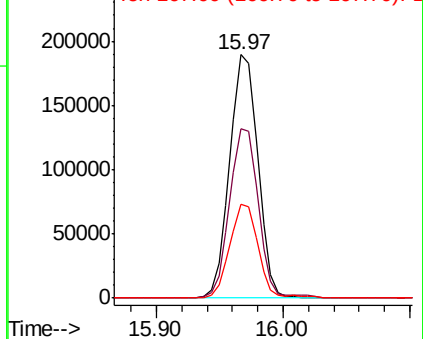
167 38.4 31.3 46.9

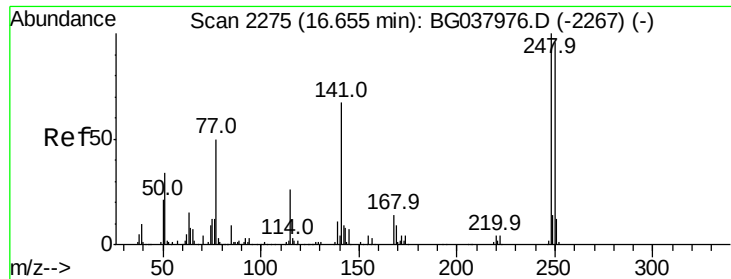


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

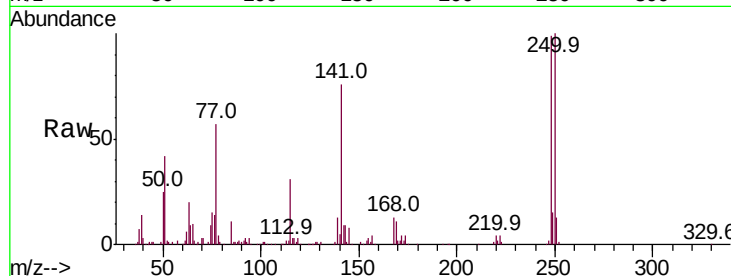




#67
4-Bromophenyl-phenylether
Concen: 47.138 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.1	77.0	115.6
141	76.4	55.5	83.3

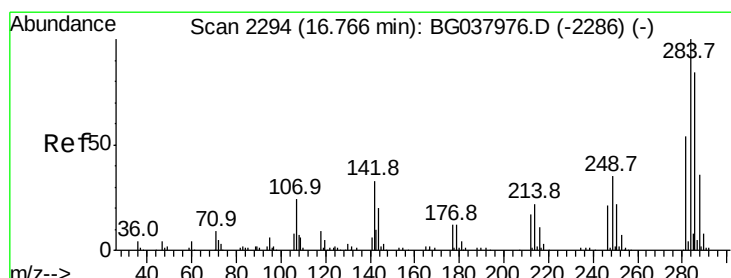
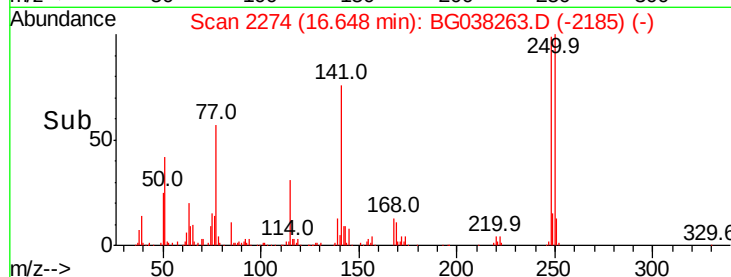
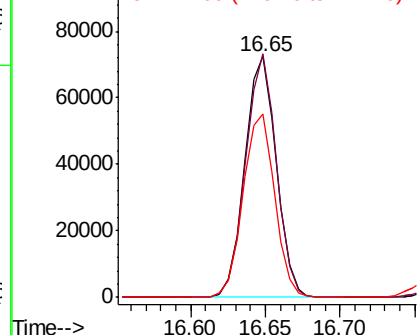


Abundance

Ion 248.00 (247.70 to 248.70): E

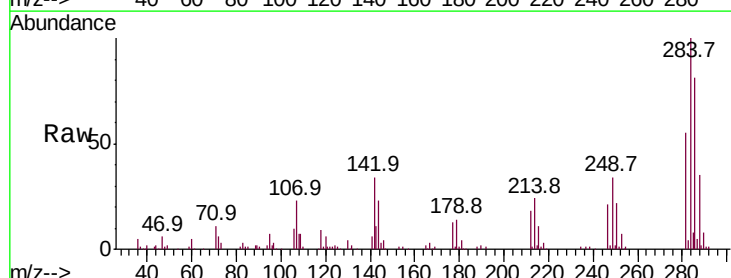
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.588 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.1	42.1
249	36.4	29.8	44.8

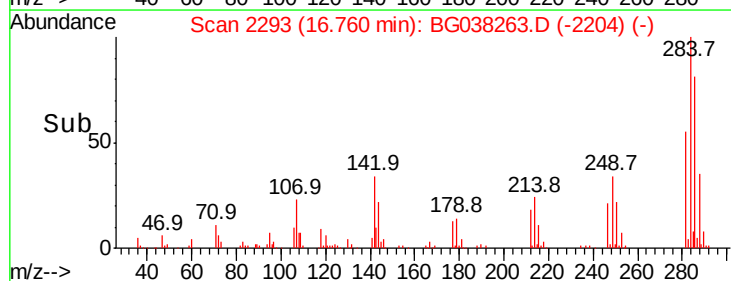
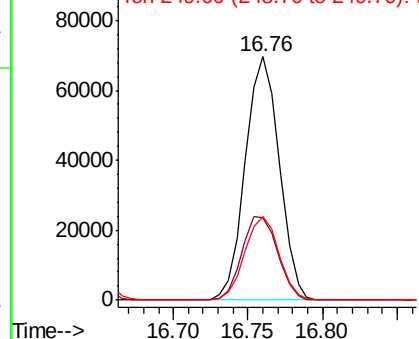


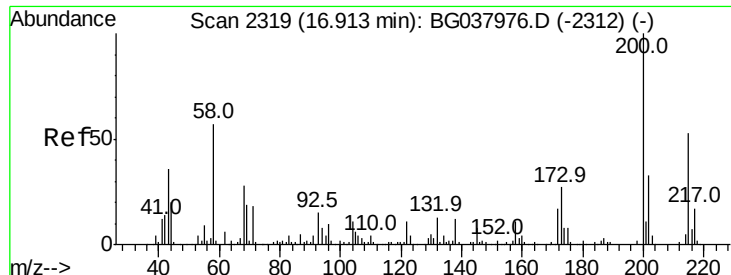
Abundance

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: 47.042 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

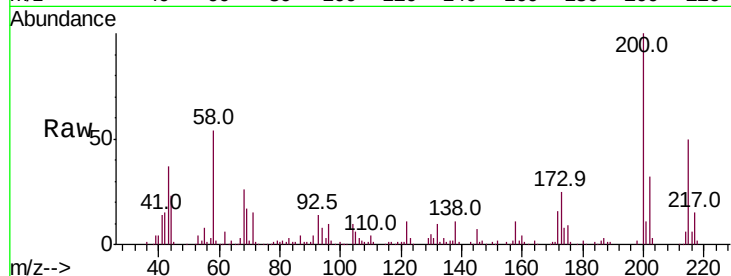
Tot Ion:200 Resp: 106871

Ion Ratio Lower Upper

200 100

173 24.5 6.1 46.1

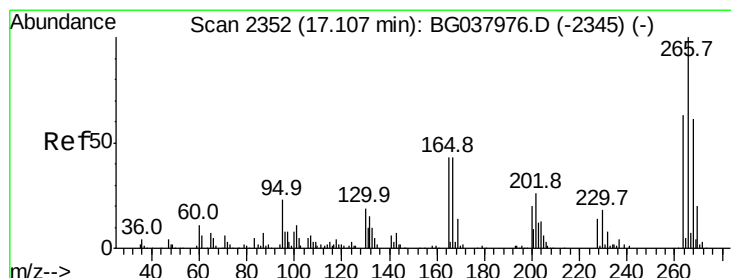
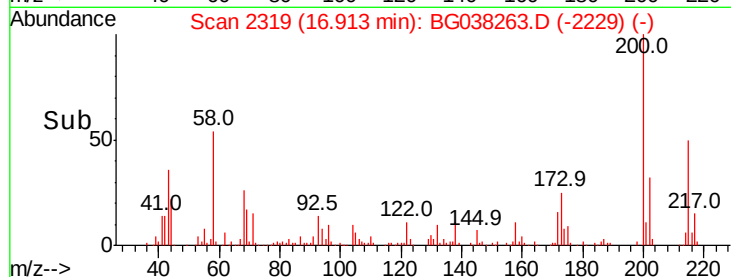
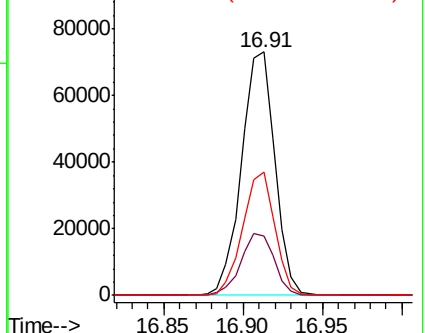
215 50.5 30.8 70.8



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: 40.139 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

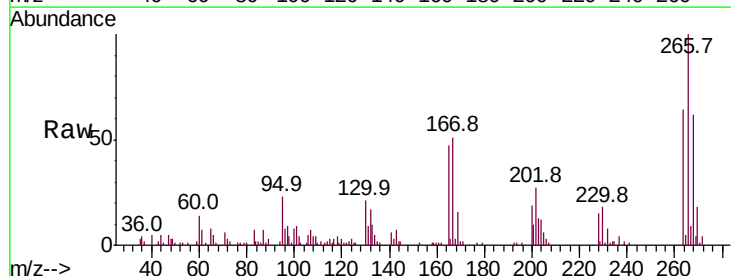
Tgt Ion:266 Resp: 62915

Ion Ratio Lower Upper

266 100

268 66.0 55.0 82.6

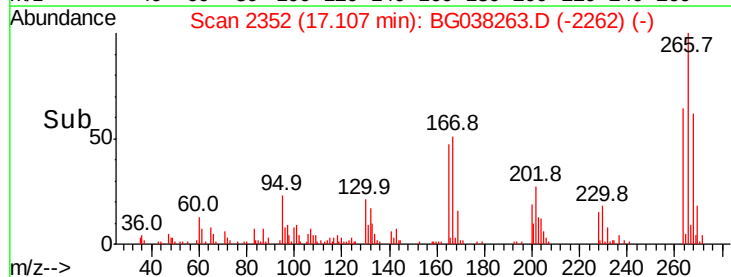
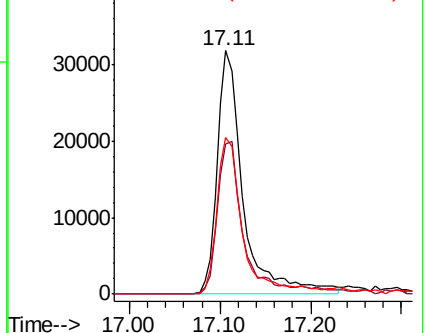
264 69.8 58.9 88.3

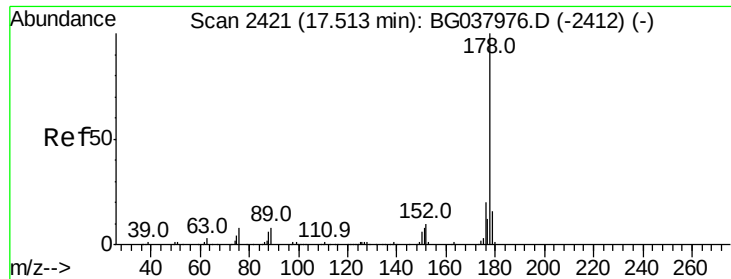


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

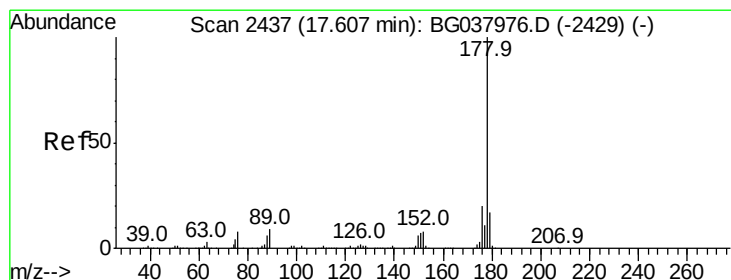
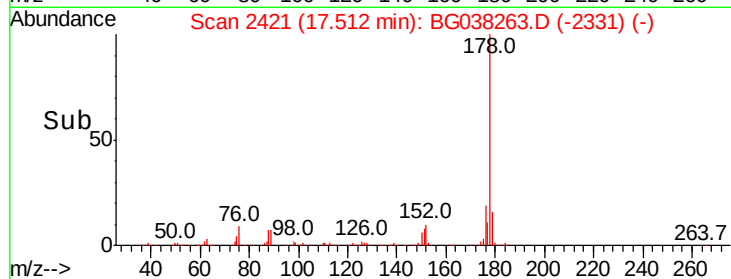
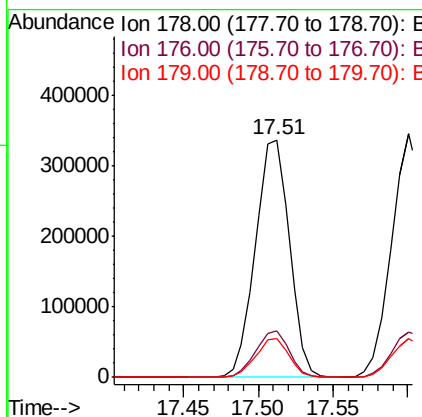
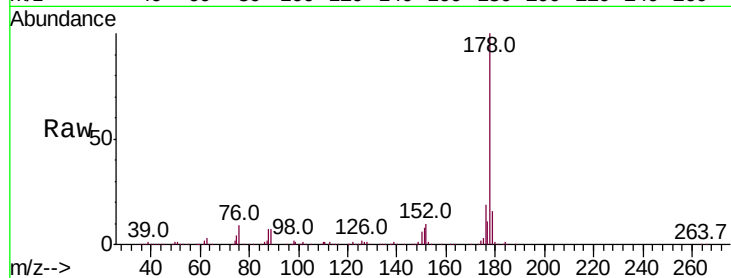




#71
Phenanthrene
Concen: 50.890 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

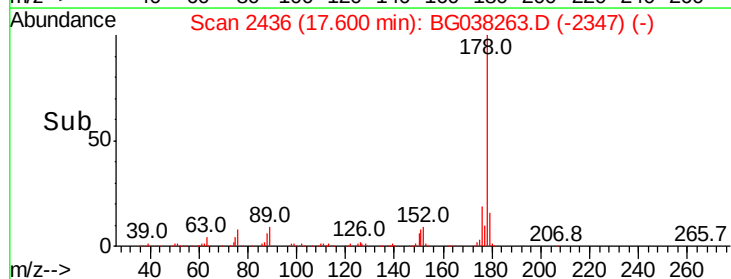
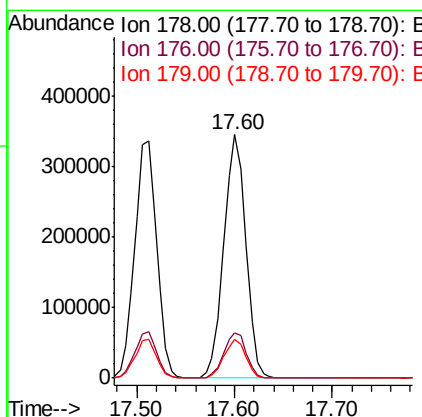
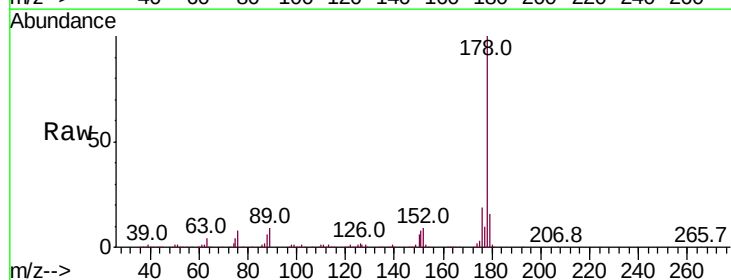
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

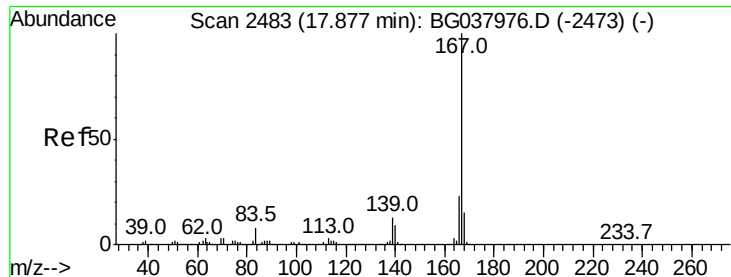
Tot Ion:178 Resp: 530773
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.2 13.0 19.4



#72
Anthracene
Concen: 52.531 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:178 Resp: 540072
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 16.0 12.8 19.2

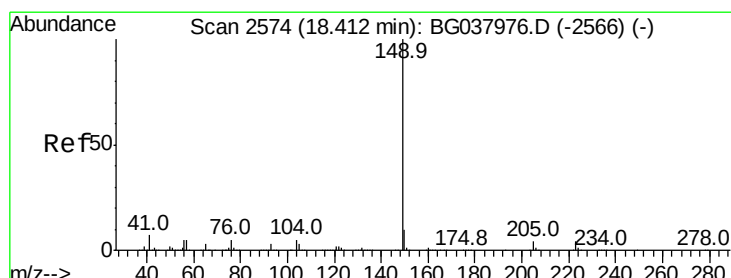
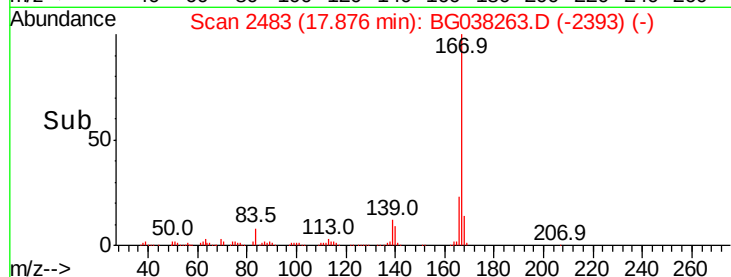
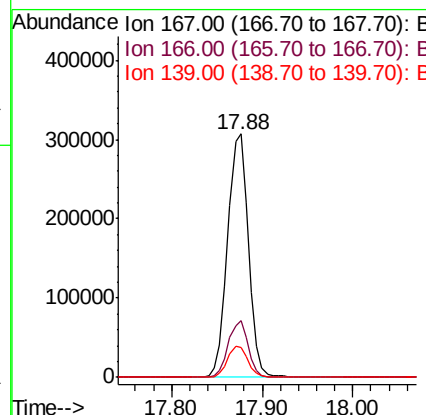
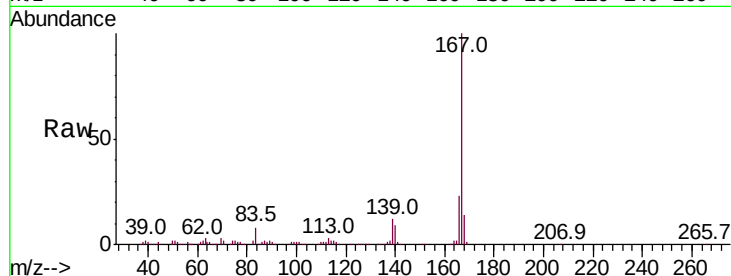




#73
 Carbazole
 Concen: 47.486 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

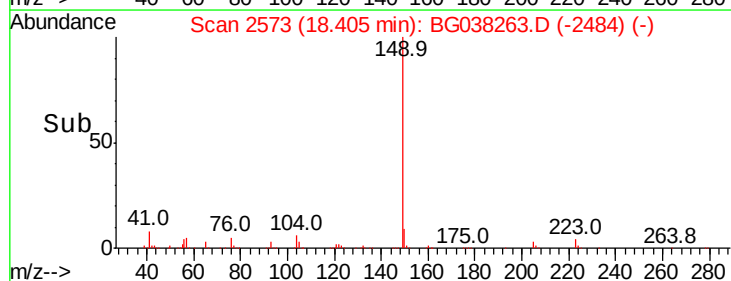
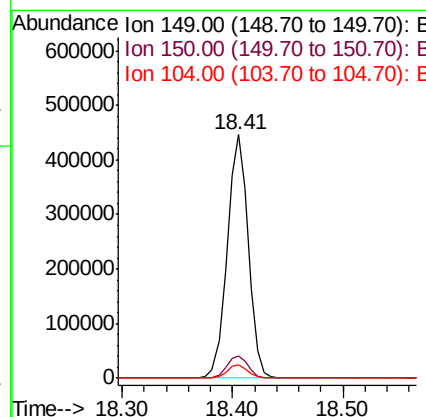
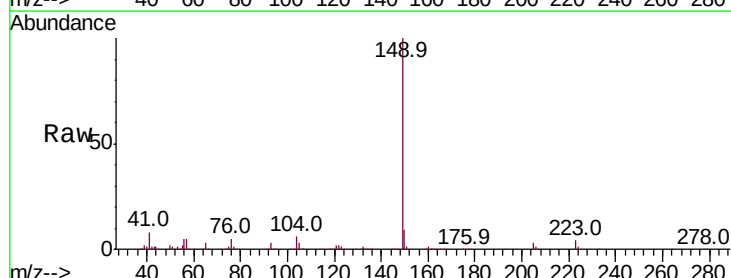
Instrument :
 BNA_G
 ClientSampleId :
 AU-06-112918MS

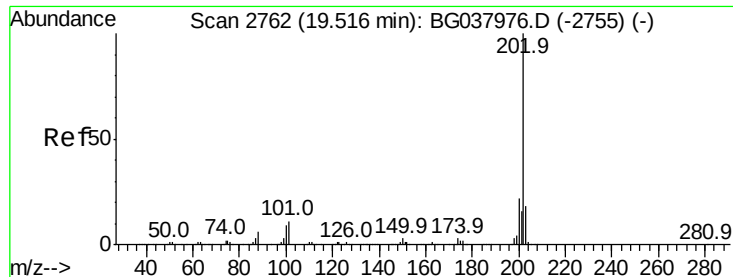
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	12.5	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 51.188 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038263.D
 Acq: 30 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 52.976 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

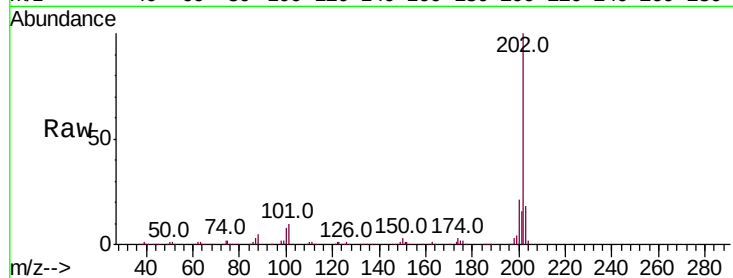
Tot Ion:202 Resp: 630386

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

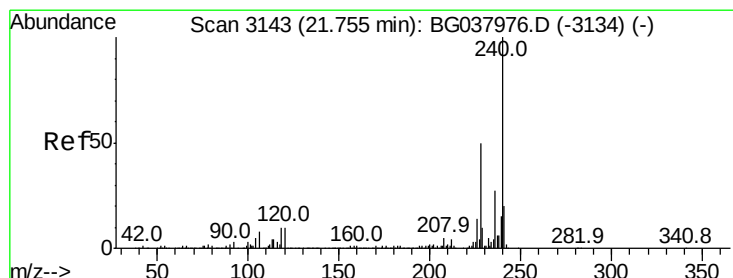
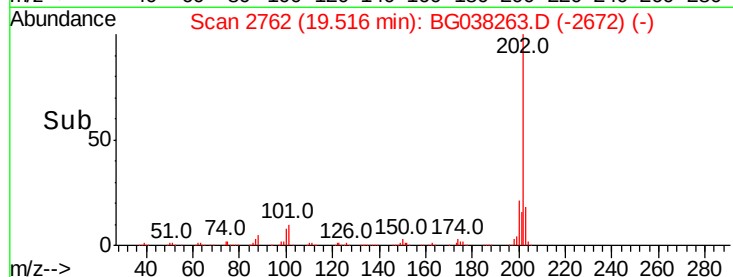
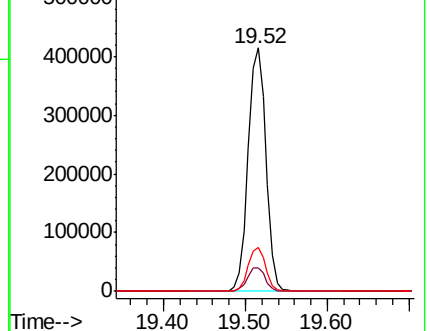
203 18.0 0.0 38.5



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. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

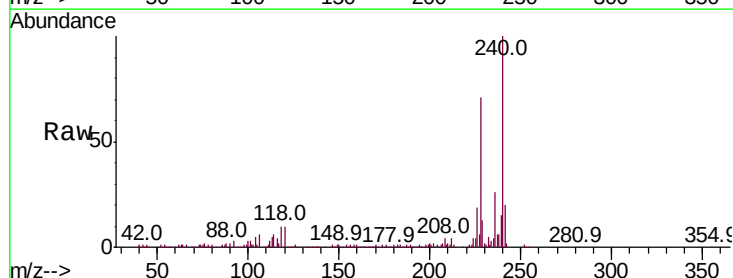
Tgt Ion:240 Resp: 186339

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

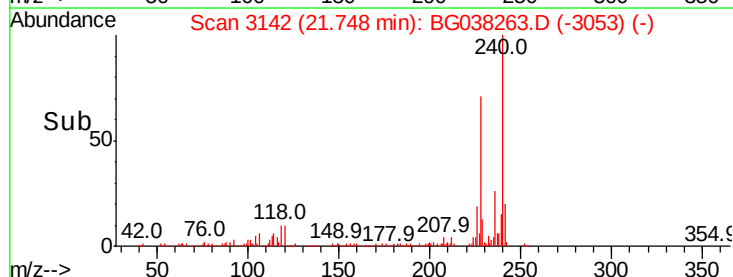
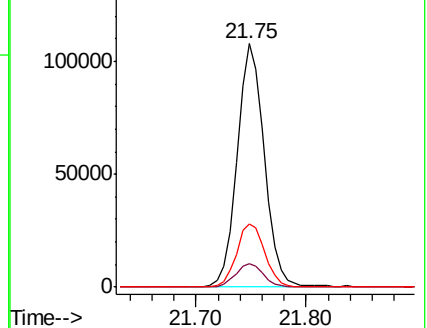
236 26.2 21.4 32.0

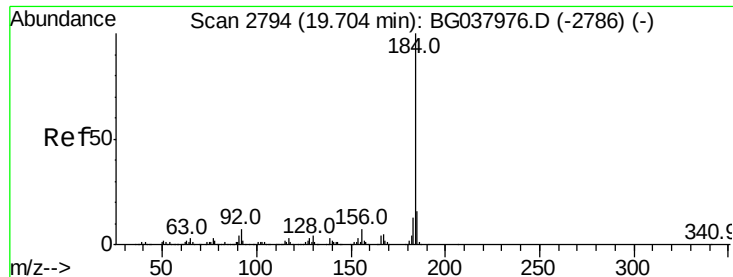


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.181 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

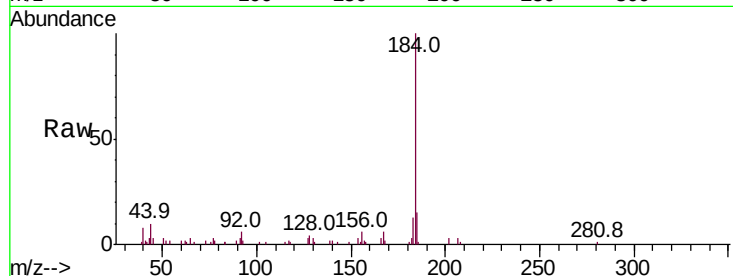
Tot Ion:184 Resp: 27340

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

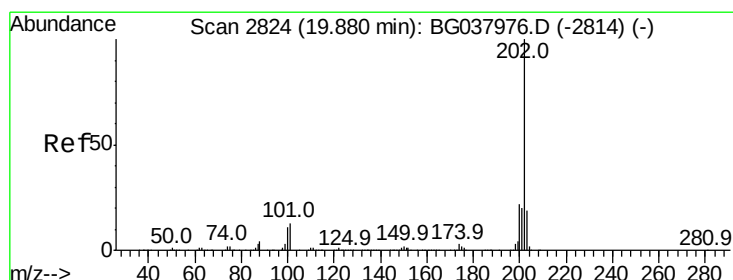
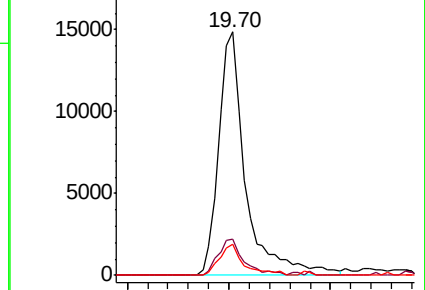
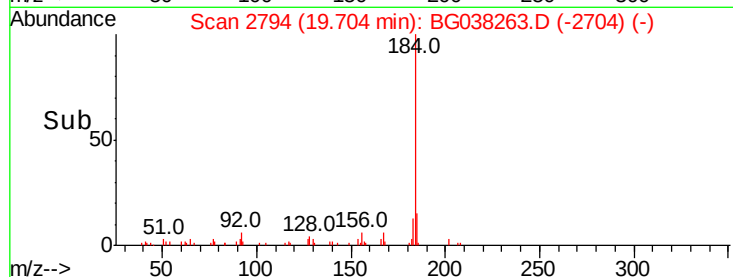
183 13.0 10.2 15.2



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: 51.865 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

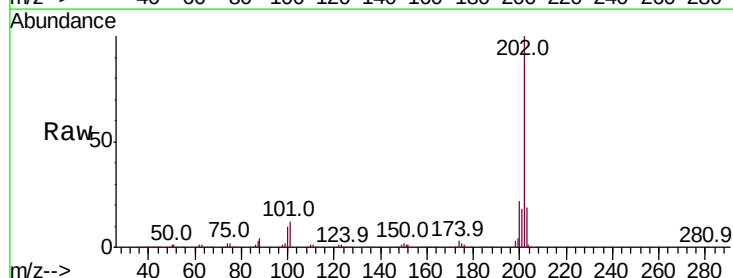
Tgt Ion:202 Resp: 631875

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

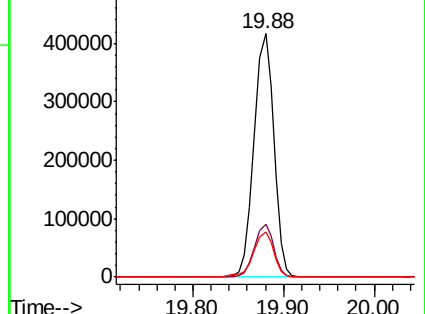
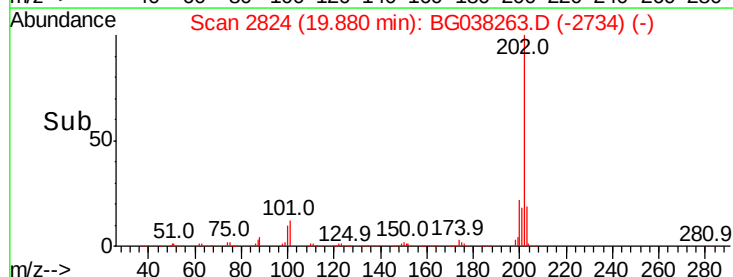
203 18.7 15.2 22.8

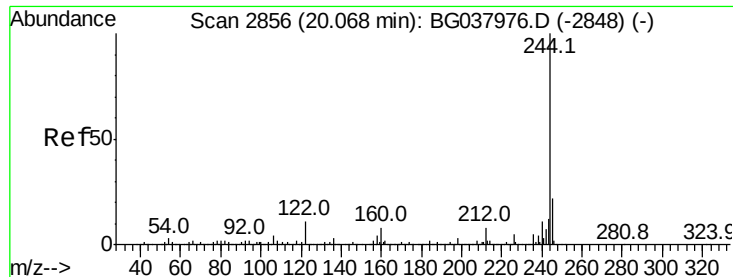


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.129 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

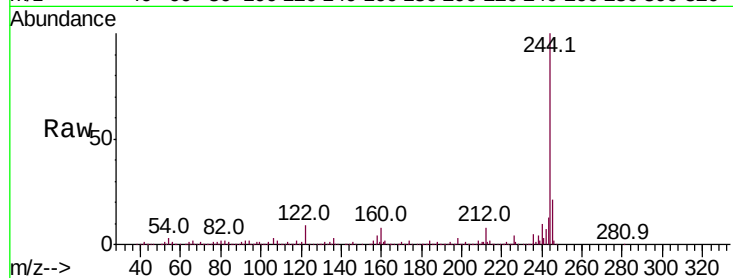
Tot Ion:244 Resp: 808781

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

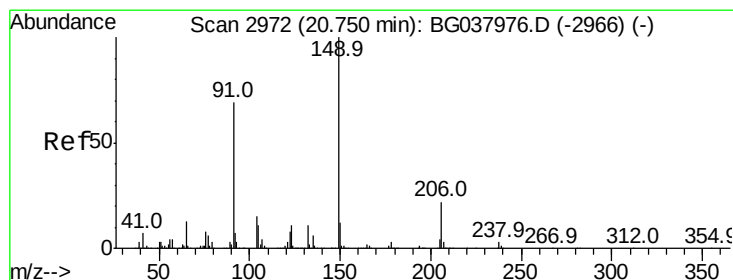
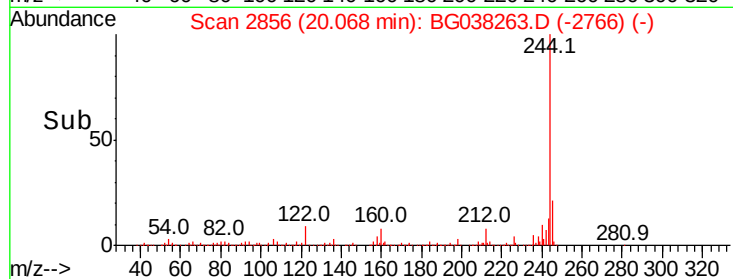
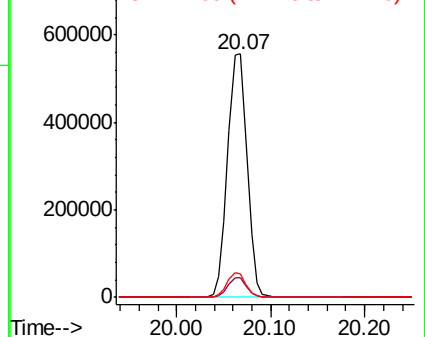
122 9.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.616 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

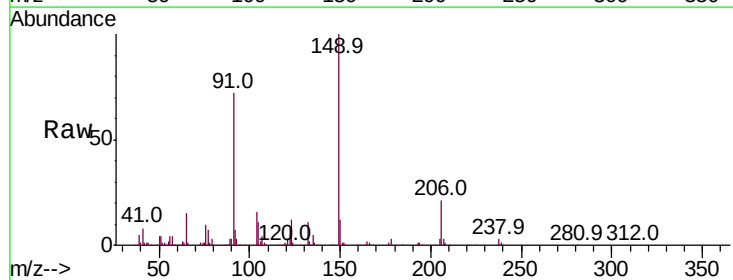
Tgt Ion:149 Resp: 264343

Ion Ratio Lower Upper

149 100

91 72.3 57.0 85.4

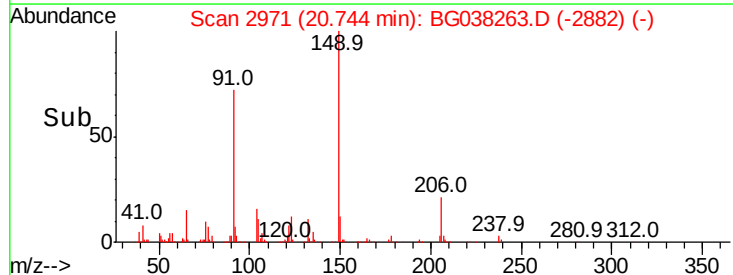
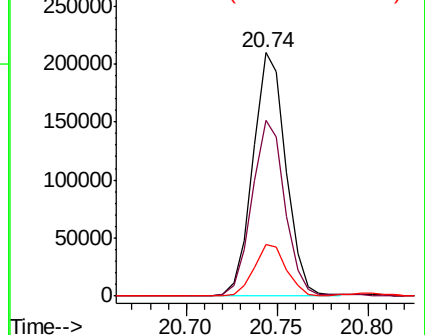
206 21.3 17.8 26.6

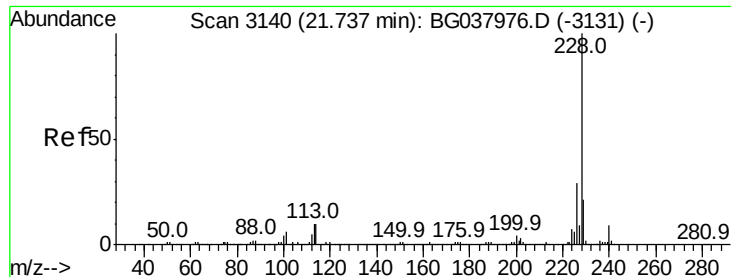


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.565 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

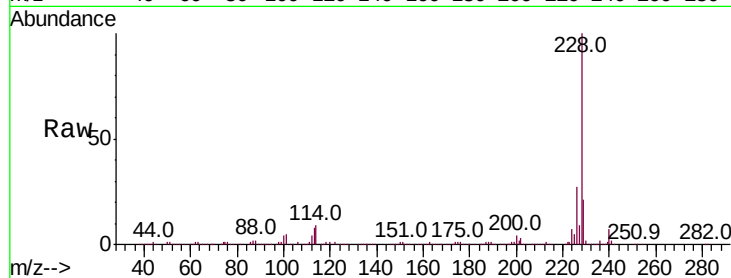
BNA_G

ClientSampleId :

AU-06-112918MS

Tot Ion:228 Resp: 603175

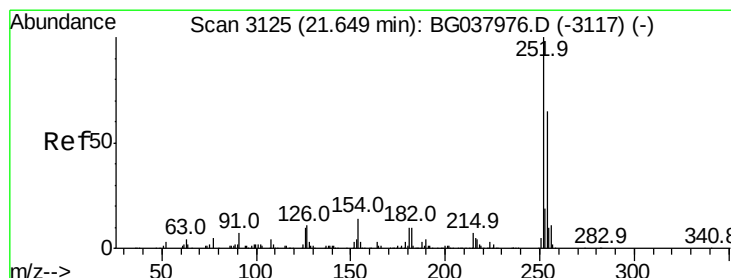
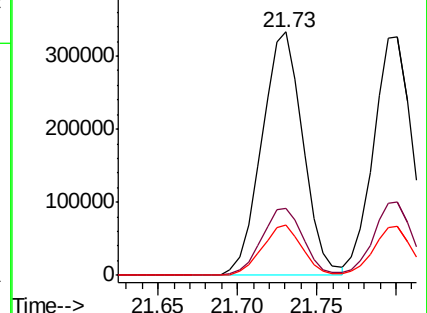
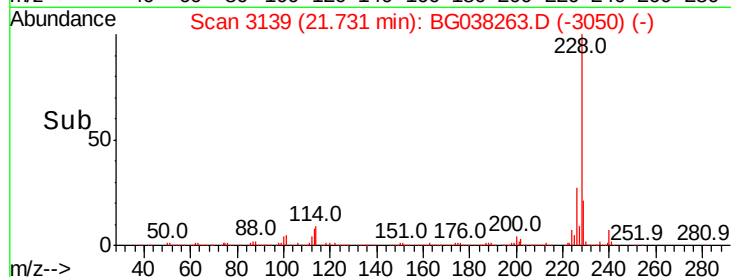
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.8	16.3	24.5



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: 9.475 ng

RT: 21.65 min Scan# 3125

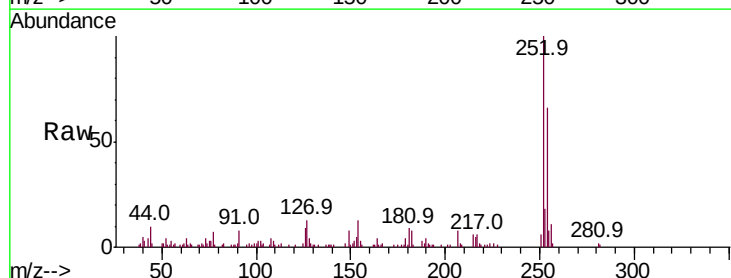
Delta R.T. -0.00 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Tgt Ion:252 Resp: 41562

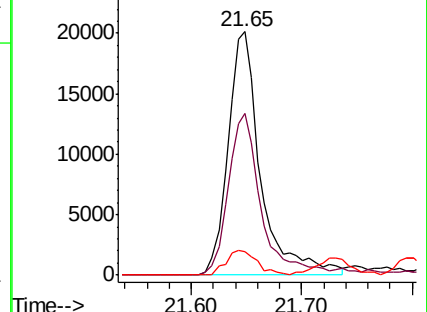
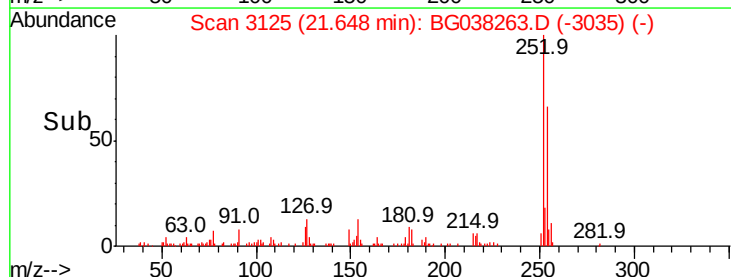
Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.0	78.0
126	9.4	8.2	12.4

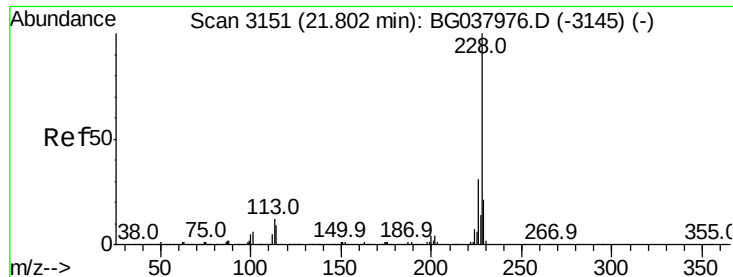


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

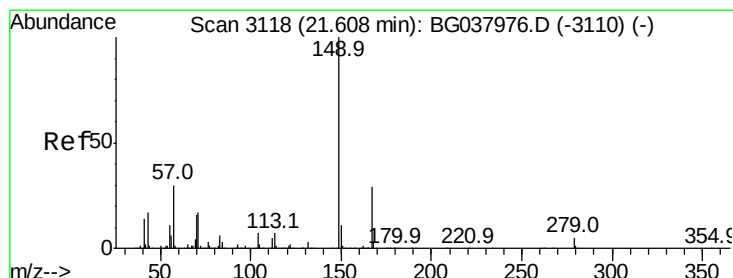
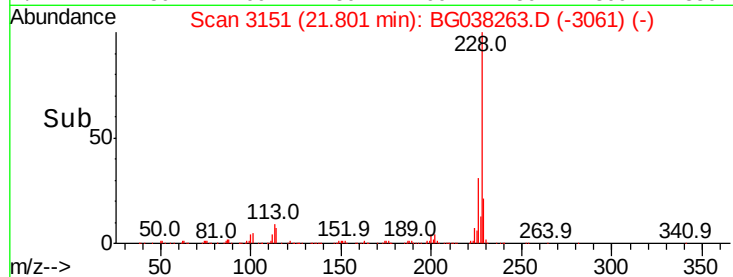
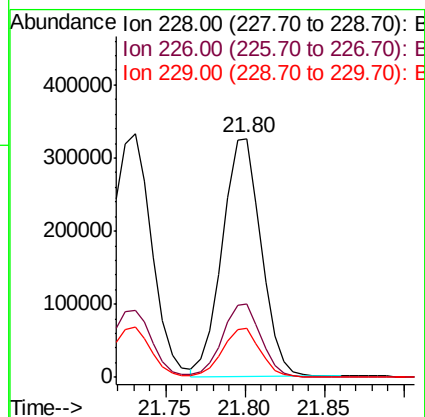
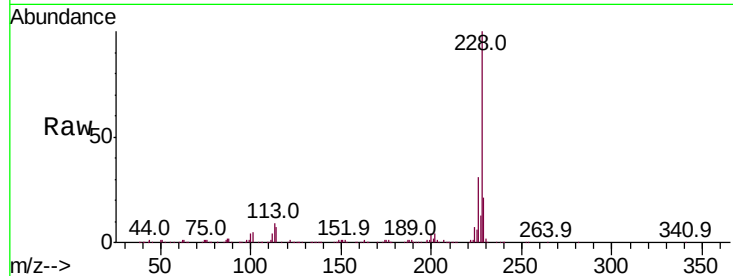




#83
Chrysene
Concen: 51.463 ng
RT: 21.80 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

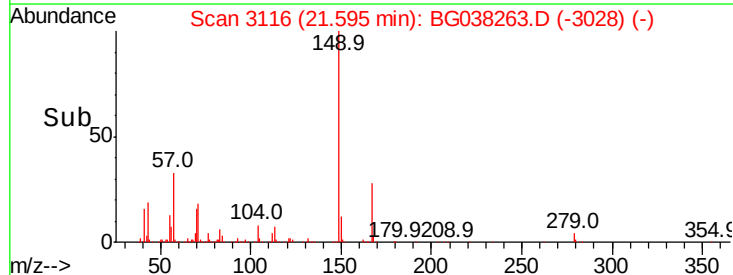
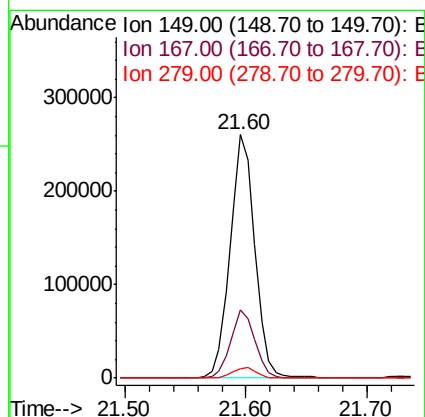
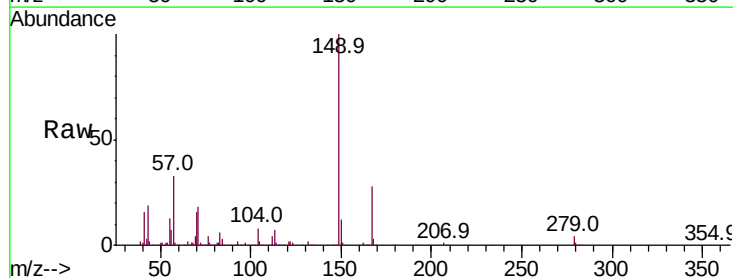
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

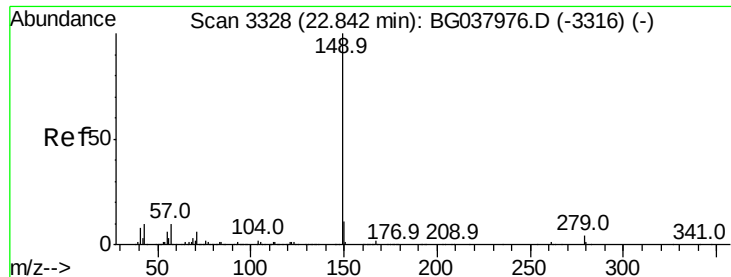
Tot Ion:228 Resp: 554466
Ion Ratio Lower Upper
228 100
226 30.5 25.7 38.5
229 20.7 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.789 ng
RT: 21.60 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:149 Resp: 370696
Ion Ratio Lower Upper
149 100
167 27.9 23.0 34.4
279 4.1 3.6 5.4

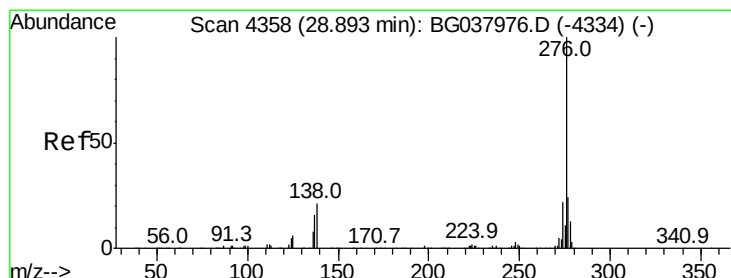
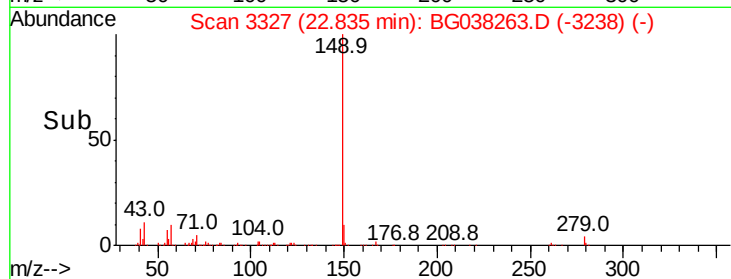
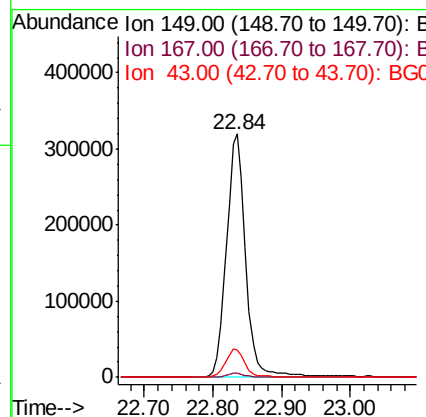
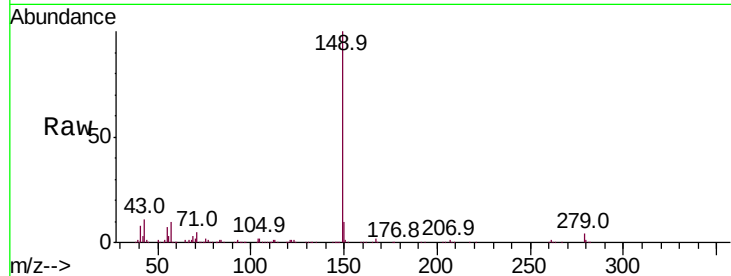




#85
Di-n-octyl phthalate
Concen: 50.692 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

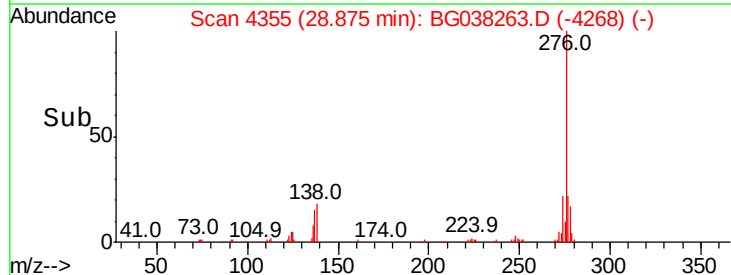
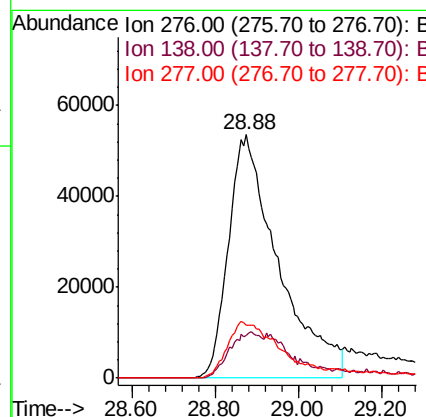
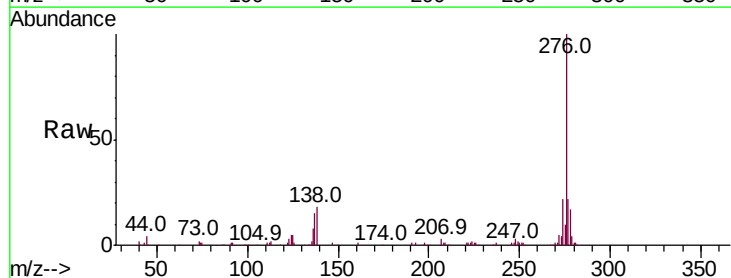
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

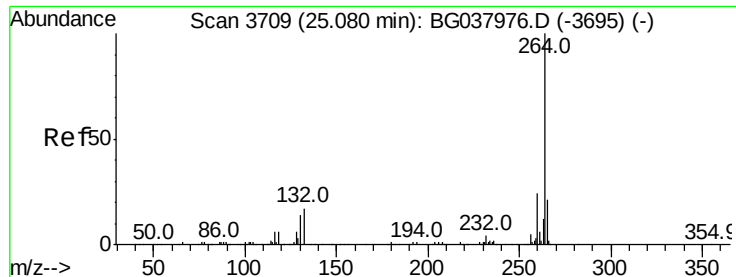
Tot Ion:149 Resp: 623104
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.265 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion:276 Resp: 445915
Ion Ratio Lower Upper
276 100
138 12.2 12.0 18.0
277 0.0 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: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

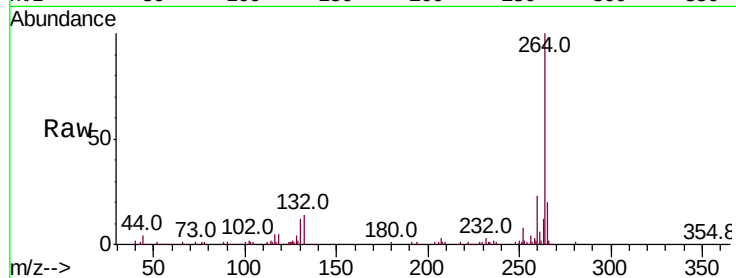
Tot Ion:264 Resp: 184779

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

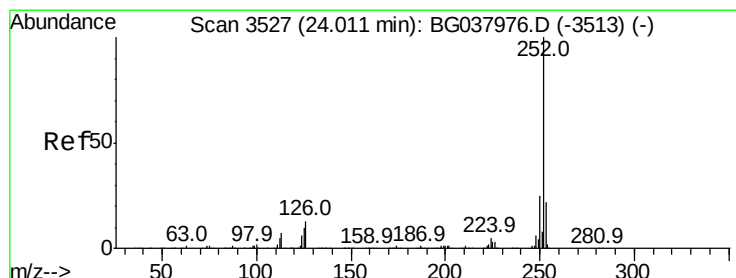
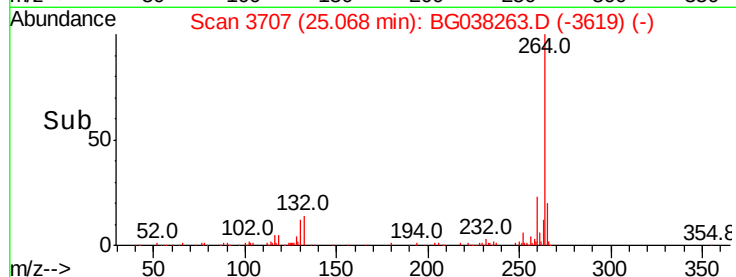
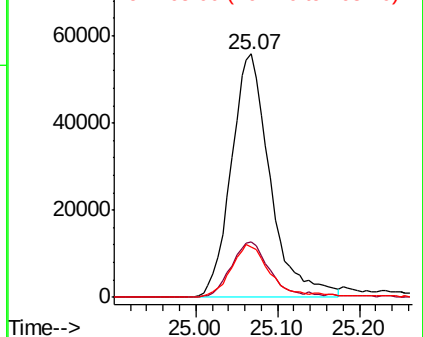
265 20.5 17.9 26.9



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: 54.427 ng

RT: 24.00 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

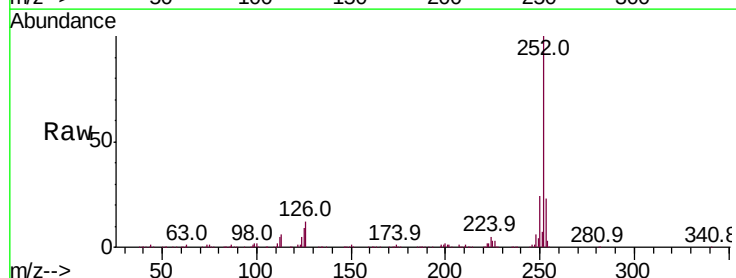
Tgt Ion:252 Resp: 553438

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

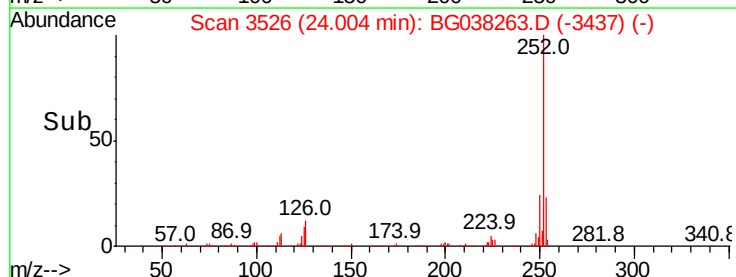
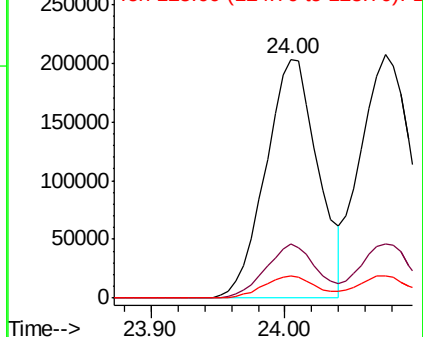
125 9.4 7.8 11.6

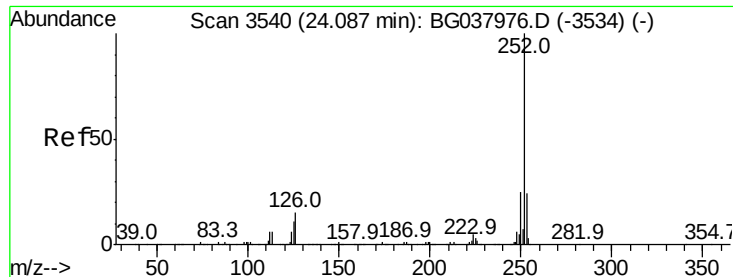


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

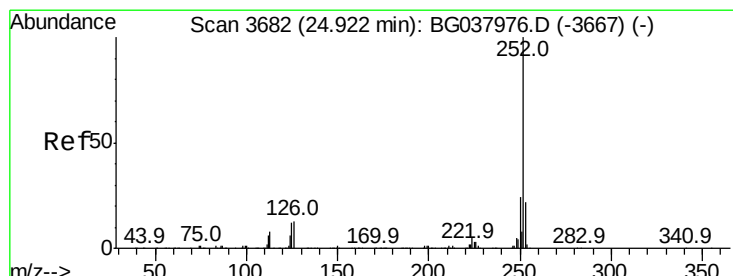
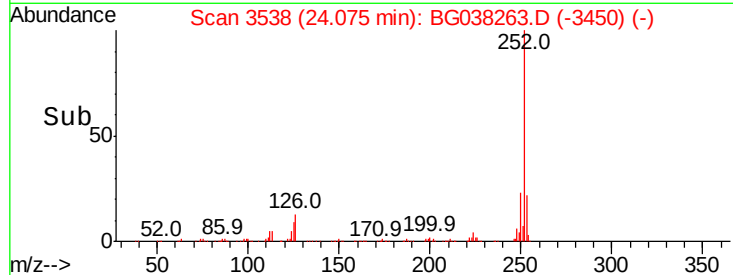
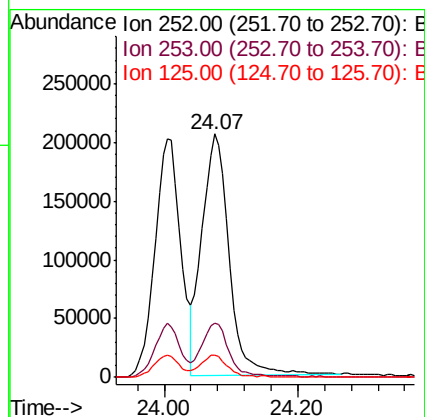
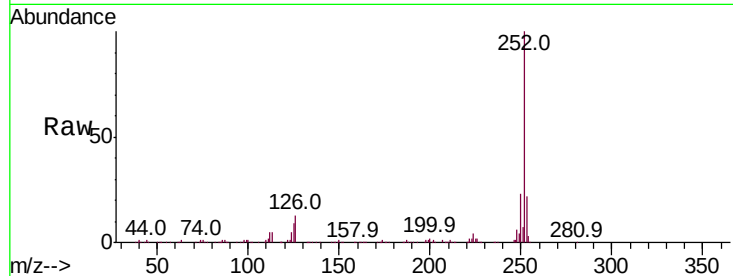




#89
Benzo(k)fluoranthene
Concen: 57.826 ng
RT: 24.07 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

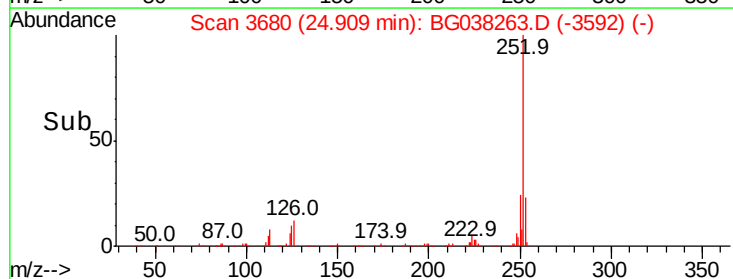
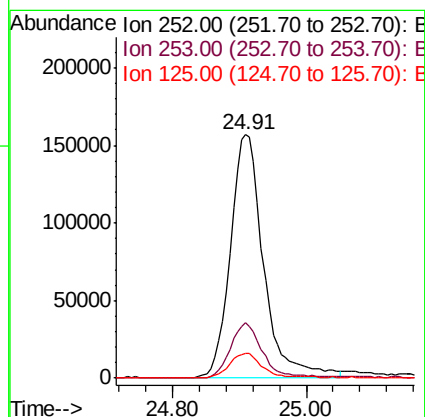
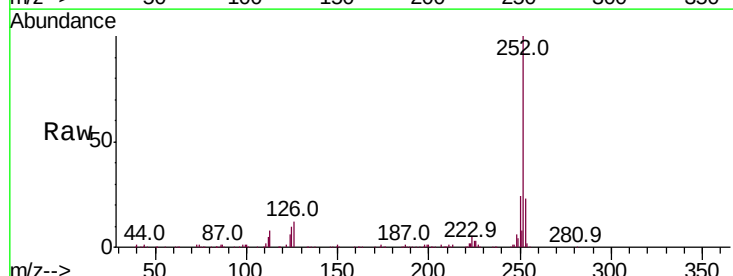
Instrument :
BNA_G
ClientSampleId :
AU-06-112918MS

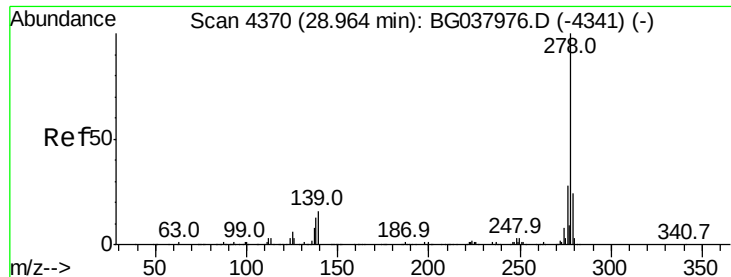
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 55.748 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG038263.D
Acq: 30 Nov 2018 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 36.915 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.02 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

Instrument :

BNA_G

ClientSampleId :

AU-06-112918MS

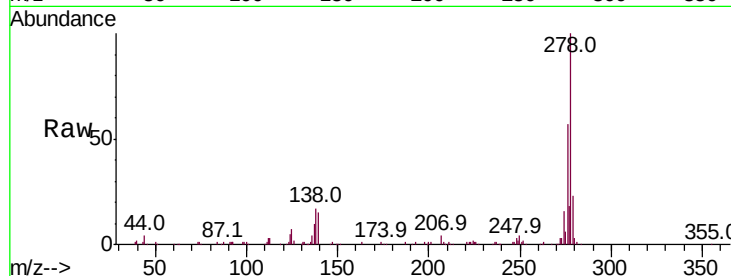
Tot Ion:278 Resp: 345164

Ion Ratio Lower Upper

278 100

139 15.3 11.5 17.3

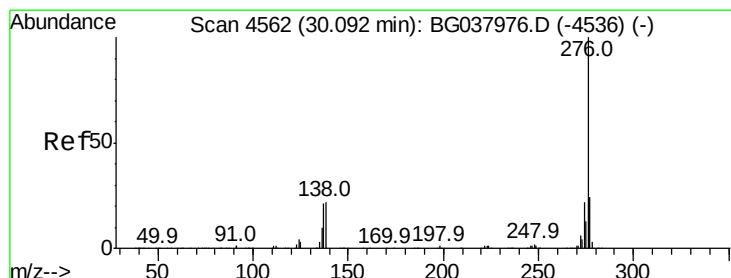
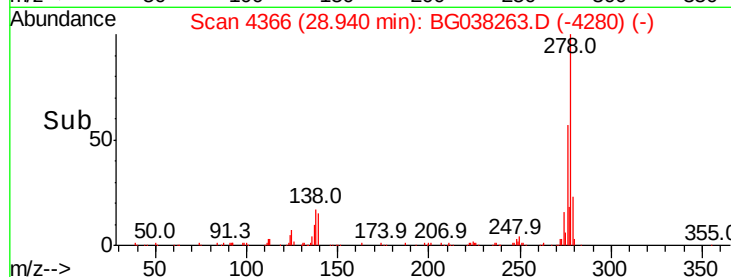
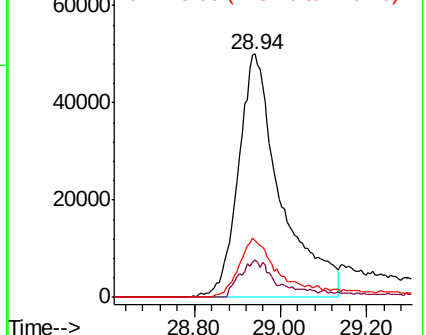
279 23.5 18.6 27.8



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: 36.317 ng

RT: 30.06 min Scan# 4557

Delta R.T. -0.03 min

Lab File: BG038263.D

Acq: 30 Nov 2018 18:41

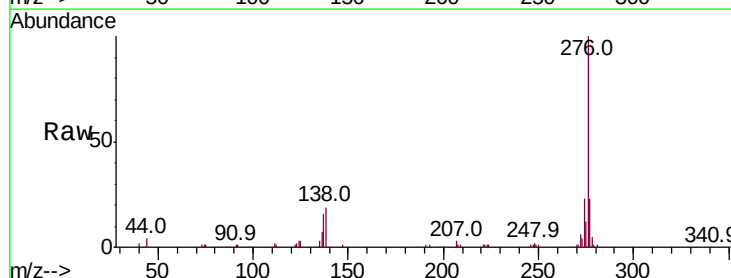
Tgt Ion:276 Resp: 337639

Ion Ratio Lower Upper

276 100

277 22.6 18.9 28.3

138 18.5 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

