

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038528.D
 Acq On : 13 Dec 2018 12:09
 Operator : JU/SJ
 Sample : J6275-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:37:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20466	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84390	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58525	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152782	20.00	ng	0.00
76) Chrysene-d12	21.73	240	152702	20.00	ng	0.00
87) Perylene-d12	25.02	264	166720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	151129	130.97	ng	0.00
7) Phenol-d6	7.21	99	208282	131.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	134901	81.66	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	108508	134.53	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	331335	77.67	ng	0.00
79) Terphenyl-d14	20.04	244	637856	90.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	17035	31.721	ng	94
3) Pyridine	3.89	79	38268	25.882	ng	87
4) n-Nitrosodimethylamine	3.82	42	31776	43.861	ng	# 93
6) Aniline	7.39	93	36116	17.860	ng	99
8) 2-Chlorophenol	7.62	128	57023	42.704	ng	100
9) Benzaldehyde	7.20	77	24593	23.932	ng	97
10) Phenol	7.24	94	84401	50.152	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	50452	37.654	ng	98
12) 1,3-Dichlorobenzene	7.95	146	57449	36.387	ng	98
13) 1,4-Dichlorobenzene	8.09	146	58871	36.407	ng	96
14) 1,2-Dichlorobenzene	8.41	146	57305	37.591	ng	93
15) Benzyl Alcohol	8.30	79	51197	41.407	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117933	38.423	ng	99
17) 2-Methylphenol	8.49	107	50577	44.857	ng	98
18) Hexachloroethane	9.14	117	21971	37.184	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	44896	40.354	ng	98
20) 3+4-Methylphenols	8.83	107	70038	44.978	ng	99
22) Acetophenone	8.89	105	86573	41.071	ng	# 98
24) Nitrobenzene	9.28	77	70186	42.000	ng	97
25) Isophorone	9.79	82	129587	43.662	ng	99
26) 2-Nitrophenol	9.99	139	33471	39.134	ng	98
27) 2,4-Dimethylphenol	10.03	122	56644	46.210	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	72593	43.341	ng	98
29) 2,4-Dichlorophenol	10.52	162	63150	46.309	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	65165	39.562	ng	96
31) Naphthalene	10.93	128	178941	43.036	ng	97
32) Benzoic acid	10.18	122	16566	26.936	ng	95
33) 4-Chloroaniline	11.05	127	11828	6.552	ng	97
34) Hexachlorobutadiene	11.19	225	42656	38.272	ng	98
35) Caprolactam	11.82	113	13393	23.732	ng	98
36) 4-Chloro-3-methylphenol	12.15	107	69330	44.552	ng	98
37) 2-Methylnaphthalene	12.53	142	139187	46.922	ng	99
38) 1-Methylnaphthalene	12.75	142	132310	45.965	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	81213	37.124	ng	99

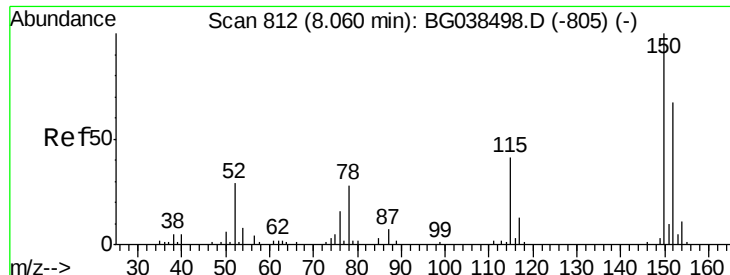
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038528.D
 Acq On : 13 Dec 2018 12:09
 Operator : JU/SJ
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	97796	81.369	ng	93
43) 2,4,6-Trichlorophenol	13.13	196	57222	42.541	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	64602	45.362	ng	98
46) 1,1'-Biphenyl	13.53	154	183063	37.312	ng	99
47) 2-Chloronaphthalene	13.58	162	147396	38.892	ng	98
48) 2-Nitroaniline	13.79	65	52352	43.368	ng	95
49) Acenaphthylene	14.42	152	248162	43.801	ng	97
50) Dimethylphthalate	14.15	163	234145	48.991	ng	99
51) 2,6-Dinitrotoluene	14.28	165	46604	43.029	ng	94
52) Acenaphthene	14.76	154	141793	41.853	ng	100
53) 3-Nitroaniline	14.61	138	16767	15.186	ng	93
54) 2,4-Dinitrophenol	14.82	184	56354	86.964	ng	95
55) Dibenzofuran	15.09	168	238436	41.058	ng	99
56) 4-Nitrophenol	14.92	139	76427	91.248	ng	99
57) 2,4-Dinitrotoluene	15.06	165	66727	43.742	ng	98
58) Fluorene	15.74	166	197565	45.918	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	61110	47.694	ng	99
60) Diethylphthalate	15.50	149	218463	41.638	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	108851	40.548	ng	99
62) 4-Nitroaniline	15.78	138	48055	42.277	ng	95
63) Azobenzene	16.02	77	187478	42.774	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	42401	38.905	ng	96
66) n-Nitrosodiphenylamine	15.95	169	179492	39.984	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	71622	38.385	ng	94
68) Hexachlorobenzene	16.74	284	75639	39.106	ng	95
69) Atrazine	16.89	200	75918	45.570	ng	96
70) Pentachlorophenol	17.09	266	86673	75.759	ng	96
71) Phenanthrene	17.49	178	349289	44.087	ng	99
72) Anthracene	17.58	178	357137	45.661	ng	99
73) Carbazole	17.85	167	318061	41.119	ng	99
74) Di-n-butylphthalate	18.38	149	379949	42.807	ng	100
75) Fluoranthene	19.49	202	432997	44.171	ng	99
77) Benzidine	19.68	184	131757	29.175	ng	99
78) Pyrene	19.86	202	432661	42.889	ng	99
80) Butylbenzylphthalate	20.72	149	170291	43.208	ng	96
81) Benzo(a)anthracene	21.70	228	421947	45.347	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	72795	19.726	ng	99
83) Chrysene	21.77	228	388181	43.312	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	236402	42.292	ng	97
85) Di-n-octyl phthalate	22.79	149	408053	43.589	ng	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	482767	45.817	ng	# 87
88) Benzo(b)fluoranthene	23.96	252	421985	46.100	ng	98
89) Benzo(k)fluoranthene	24.03	252	407240	44.678	ng	97
90) Benzo(a)pyrene	24.86	252	409395	46.360	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	404309	45.983	ng	99
92) Benzo(g,h,i)perylene	29.99	276	403741	46.594	ng	98

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

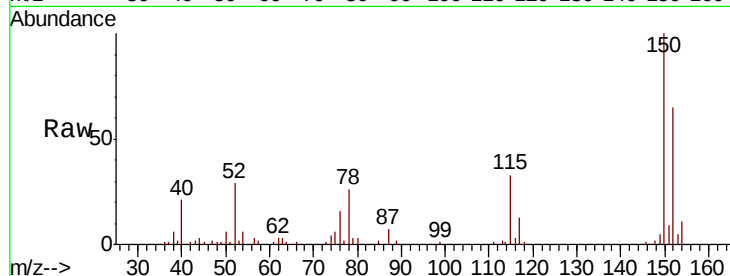


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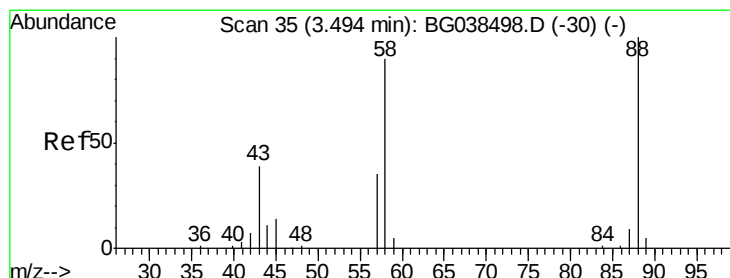
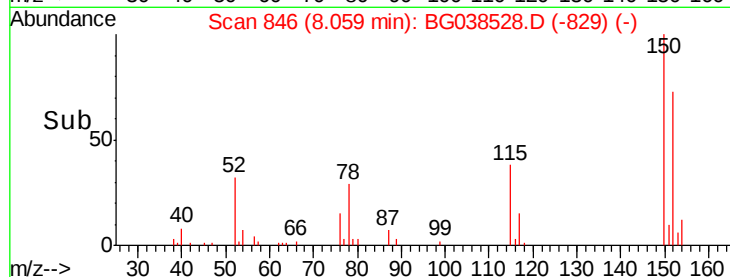
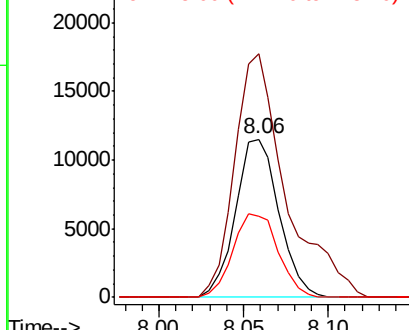
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20466
Ion Ratio Lower Upper
152 100
150 154.2 119.5 179.3
115 51.3 49.6 74.4



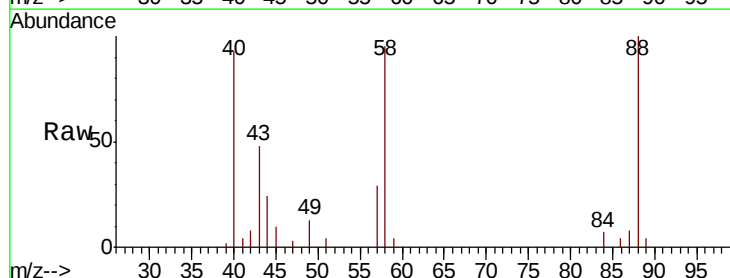
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



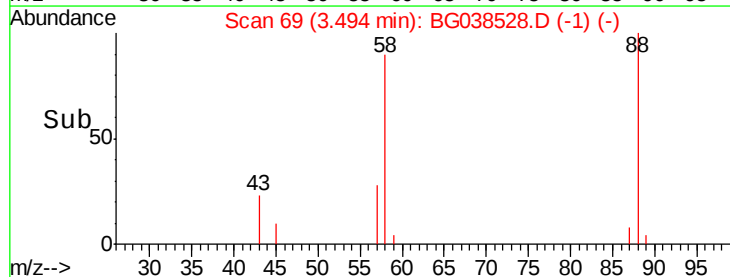
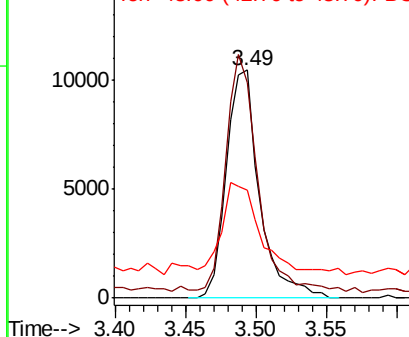
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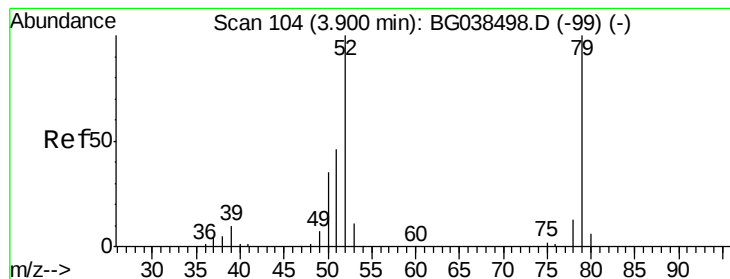
1,4-Dioxane
Concen: 31.721 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 88 Resp: 17035
Ion Ratio Lower Upper
88 100
58 101.1 75.7 113.5
43 42.7 31.6 47.4



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: 25.882 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

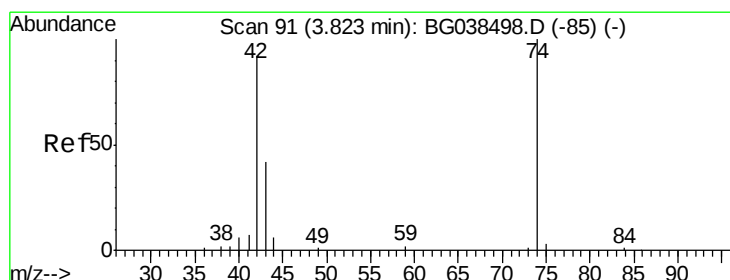
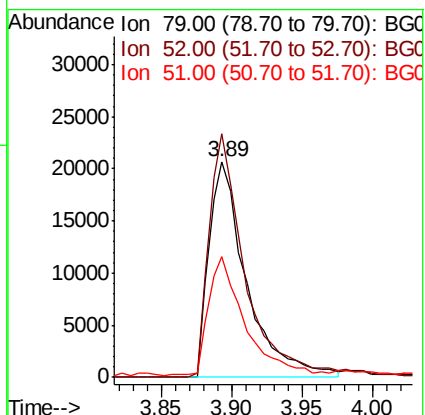
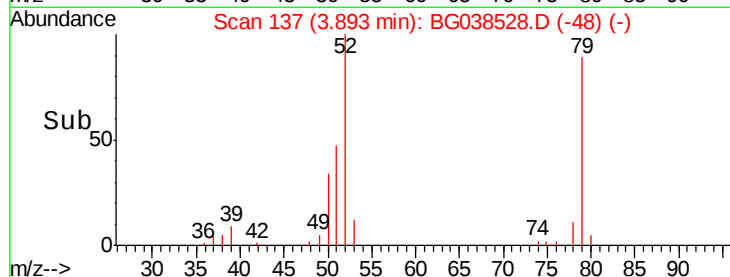
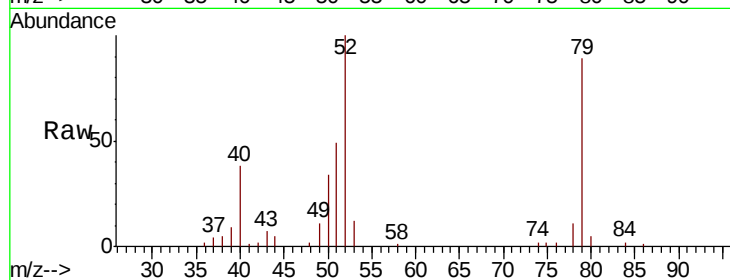
Tot Ion: 79 Resp: 38268

Ion Ratio Lower Upper

79 100

52 112.9 80.2 120.2

51 55.7 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 43.861 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

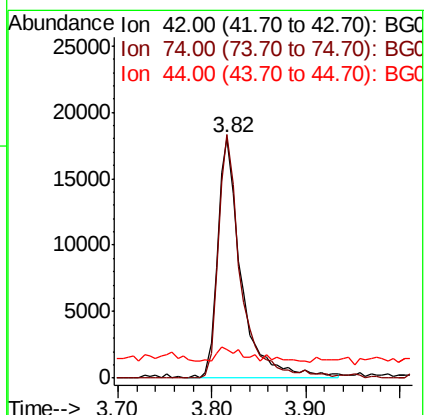
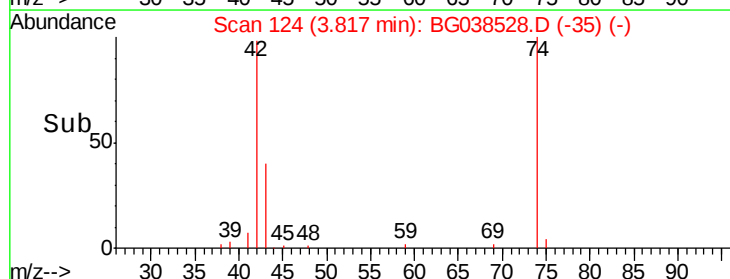
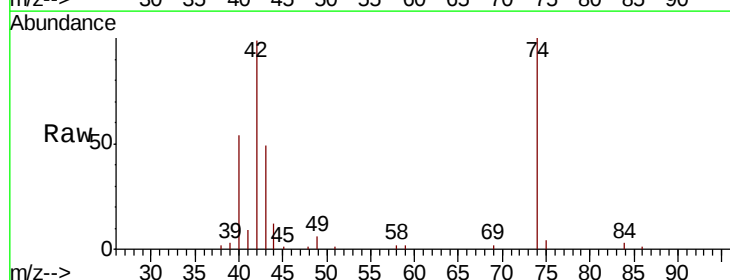
Tgt Ion: 42 Resp: 31776

Ion Ratio Lower Upper

42 100

74 101.3 86.7 130.1

44 12.1 7.8 11.8#





#5

2-Fluorophenol

Concen: 130.973 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampled :

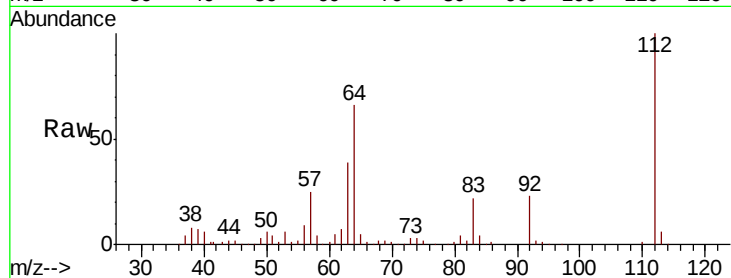
Tot Ion:112 Resp: 151129

Ion Ratio Lower Upper

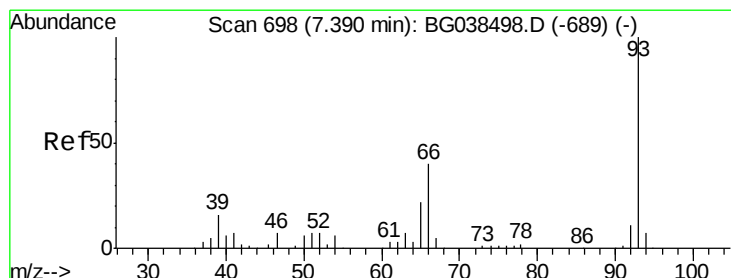
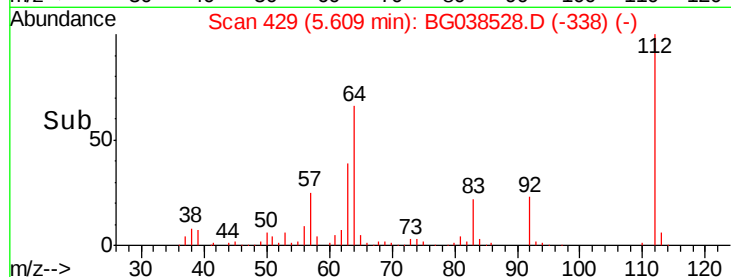
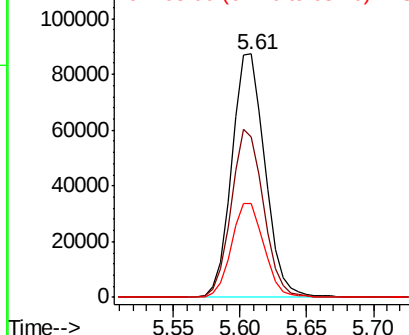
112 100

64 66.1 53.4 80.2

63 38.7 29.3 43.9



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: 17.860 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

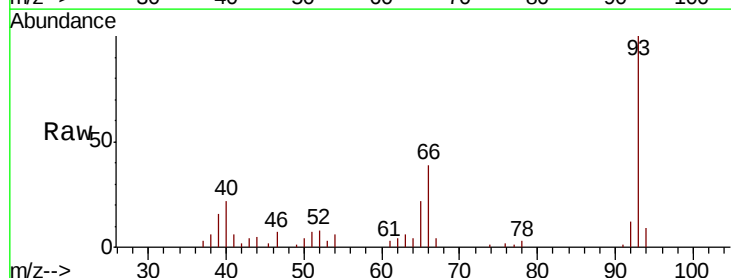
Tgt Ion: 93 Resp: 36116

Ion Ratio Lower Upper

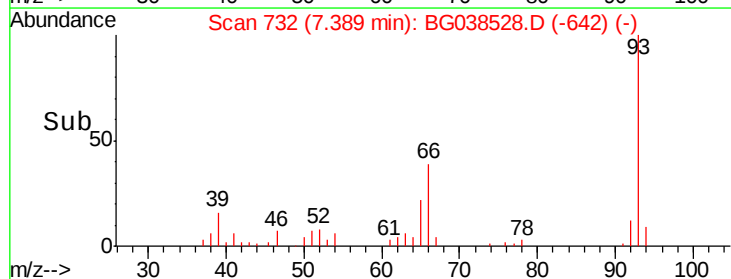
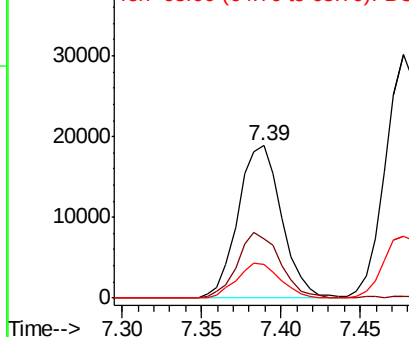
93 100

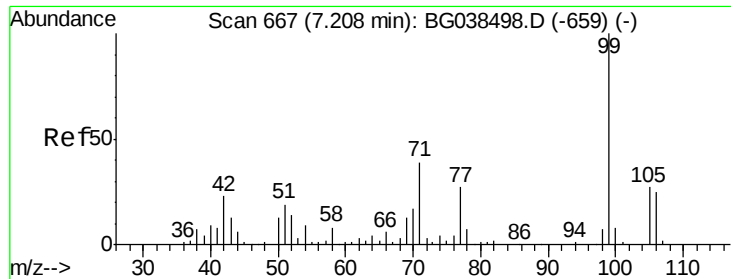
66 38.5 31.7 47.5

65 22.3 17.8 26.6



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: 131.485 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

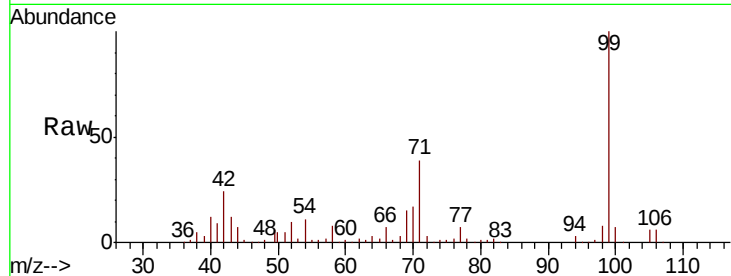
Tot Ion: 99 Resp: 208282

Ion Ratio Lower Upper

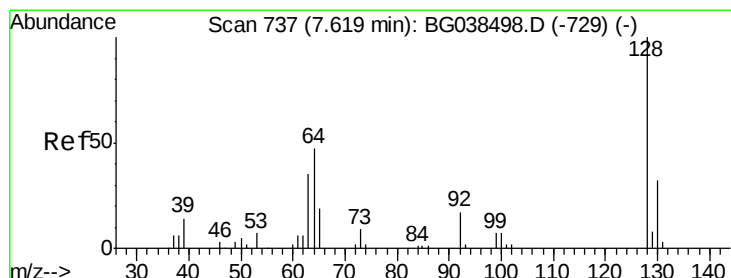
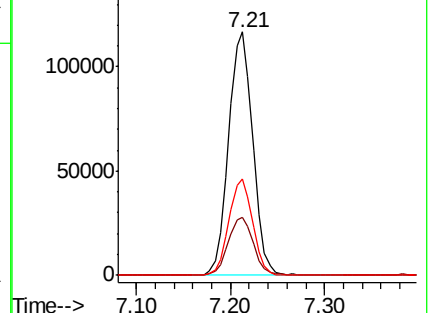
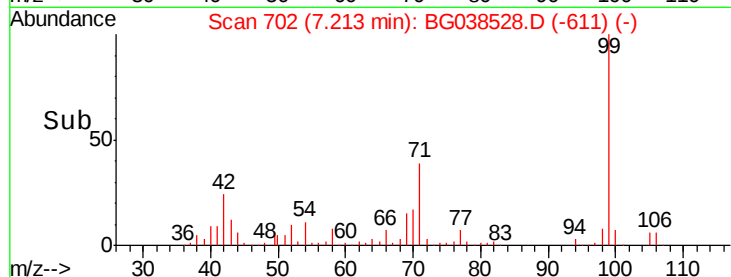
99 100

42 24.0 18.5 27.7

71 39.3 31.1 46.7



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: 42.704 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

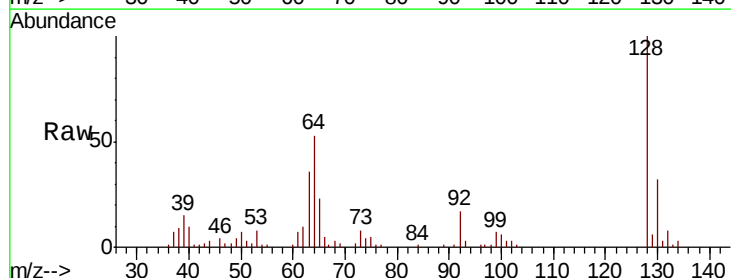
Tgt Ion: 128 Resp: 57023

Ion Ratio Lower Upper

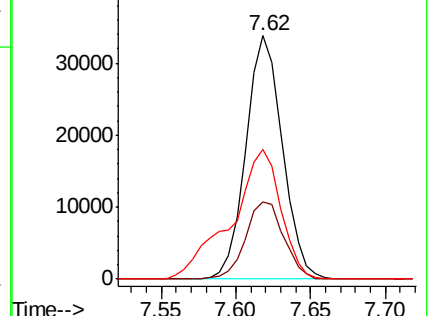
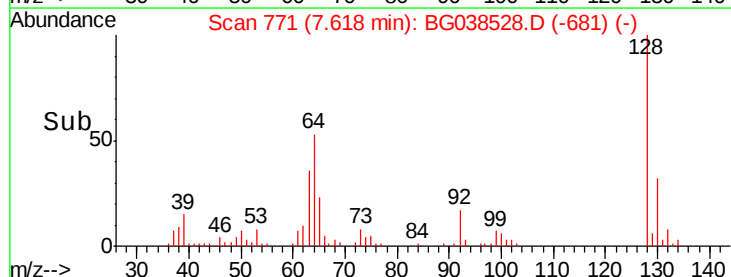
128 100

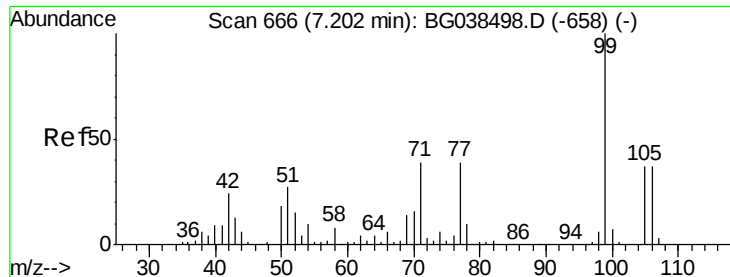
130 31.5 11.8 51.8

64 53.4 33.2 73.2



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





#9

Benzaldehyde

Concen: 23.932 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampled :

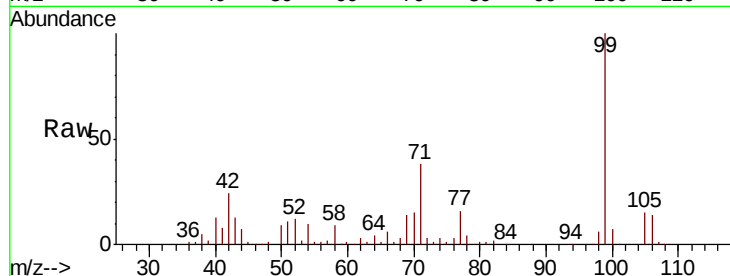
Tot Ion: 77 Resp: 24593

Ion Ratio Lower Upper

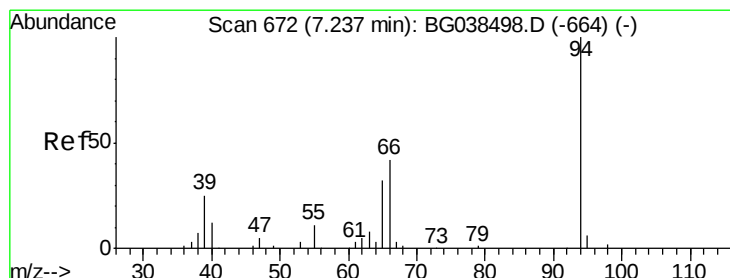
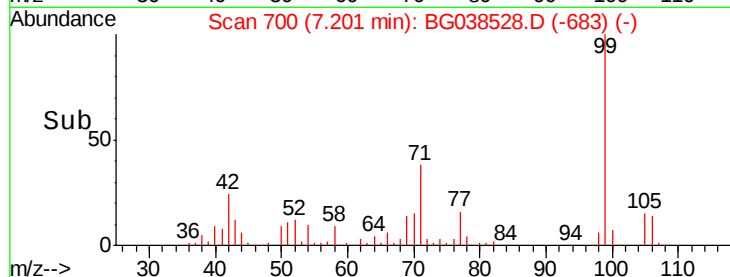
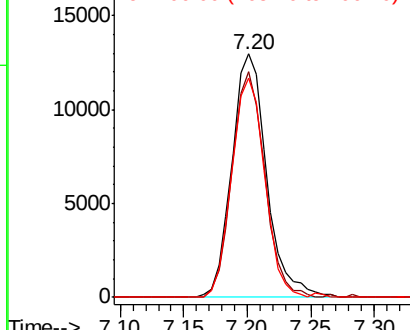
77 100

105 92.8 74.0 114.0

106 90.2 73.9 113.9



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: 50.152 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

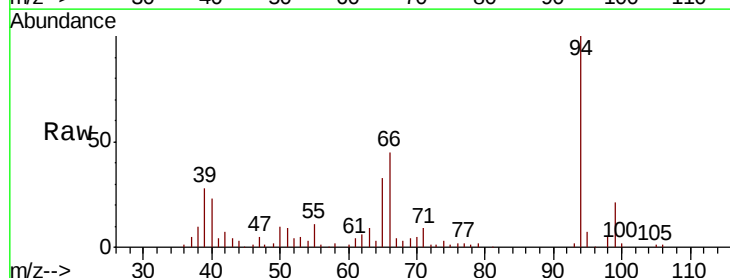
Tgt Ion: 94 Resp: 84401

Ion Ratio Lower Upper

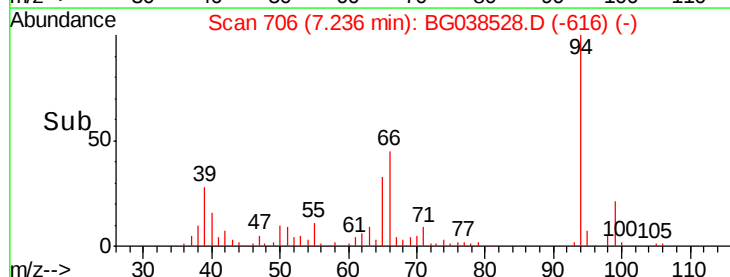
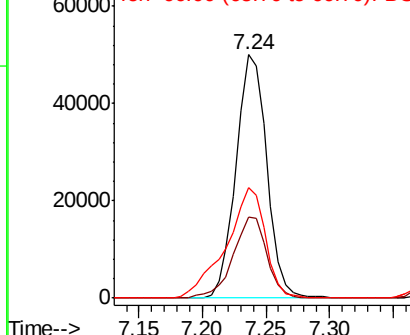
94 100

65 33.0 12.6 52.6

66 45.2 24.1 64.1



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

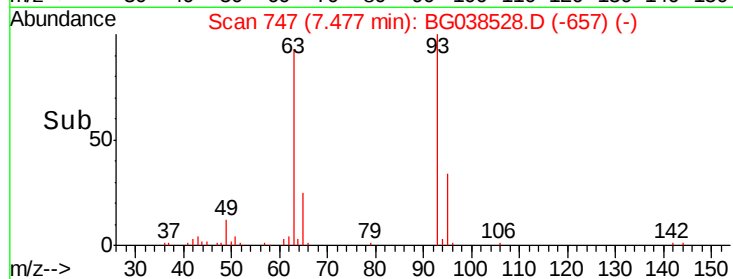
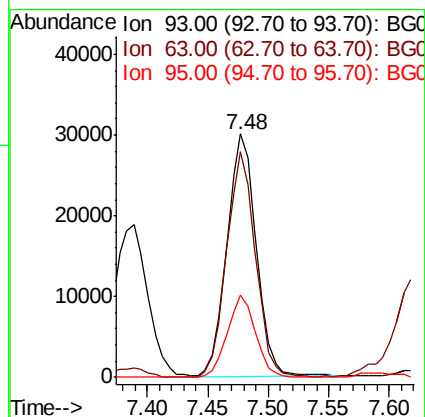
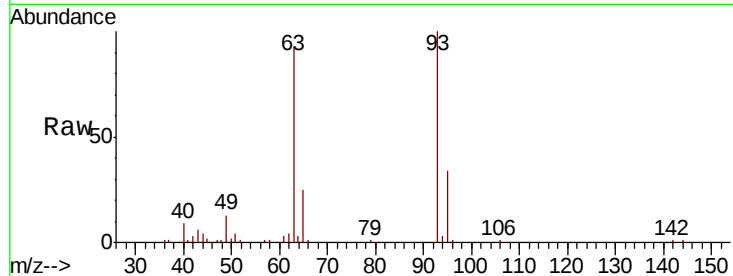




#11
bis(2-Chloroethyl)ether
Concen: 37.654 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

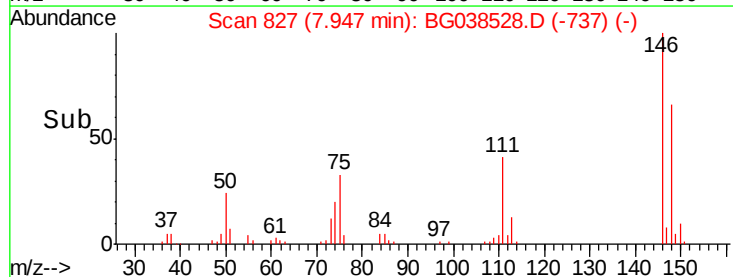
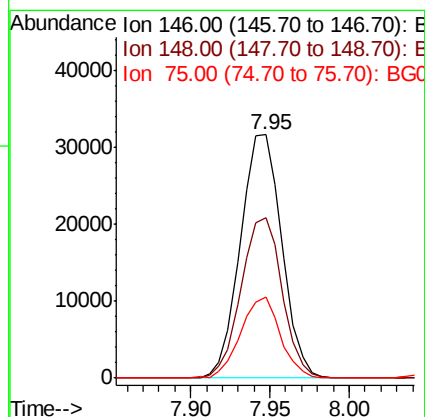
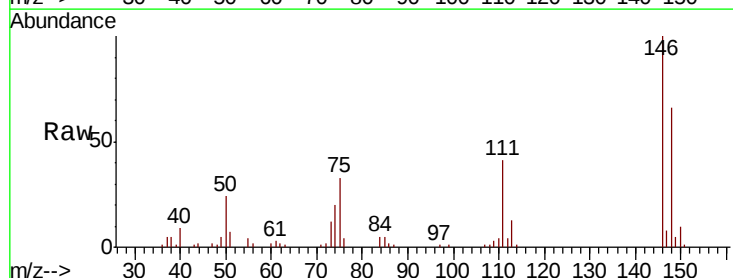
Instrument :
BNA_G
ClientSampleId :

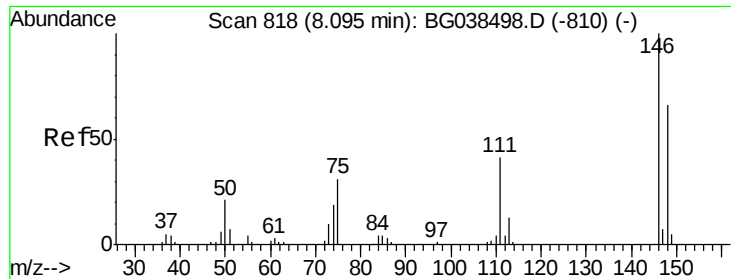
Tot Ion: 93 Resp: 50452
Ion Ratio Lower Upper
93 100
63 92.8 72.2 112.2
95 33.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 36.387 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 146 Resp: 57449
Ion Ratio Lower Upper
146 100
148 66.1 51.4 77.0
75 33.2 26.1 39.1

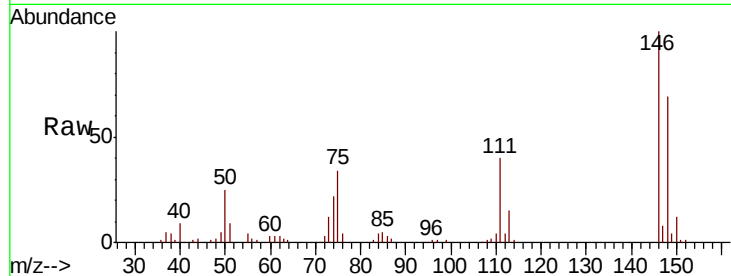




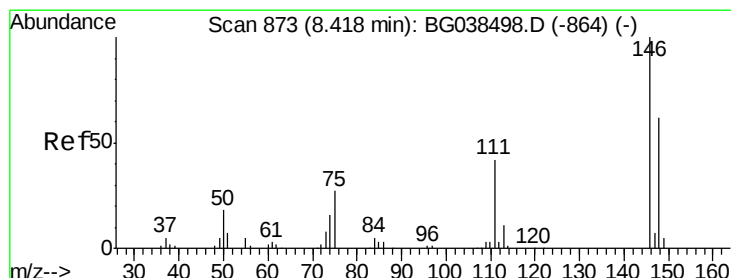
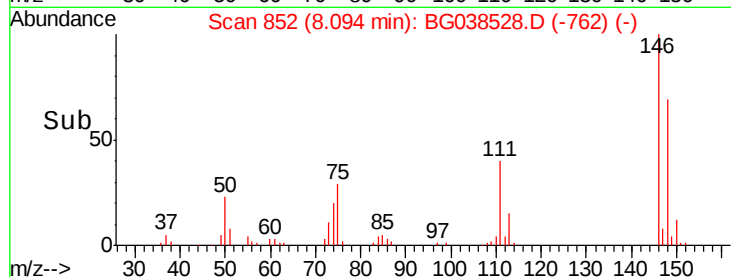
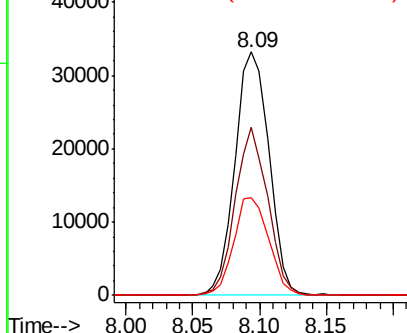
#13
 1,4-Dichlorobenzene
 Concen: 36.407 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 58871
 Ion Ratio Lower Upper
 146 100
 148 69.1 52.4 78.6
 111 39.9 33.0 49.4

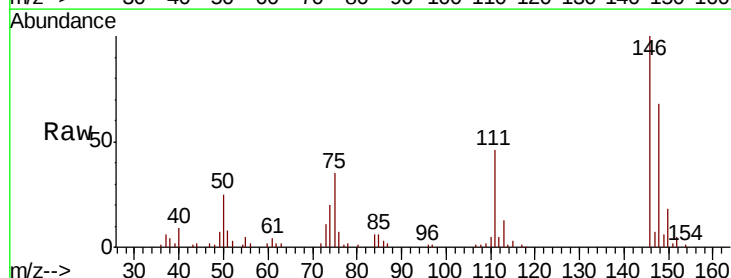


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

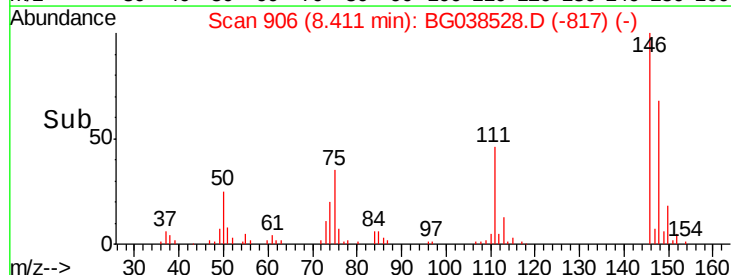
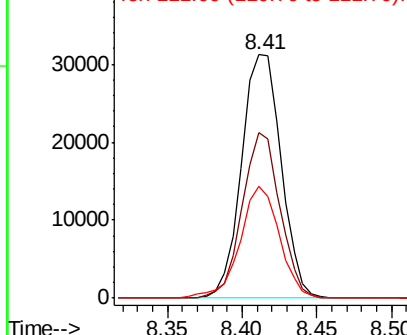


#14
 1,2-Dichlorobenzene
 Concen: 37.591 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:146 Resp: 57305
 Ion Ratio Lower Upper
 146 100
 148 68.0 49.4 74.0
 111 46.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.407 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

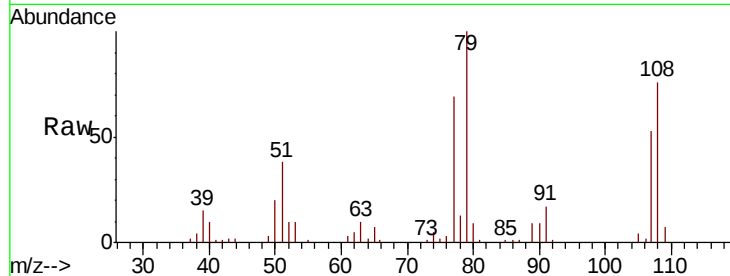
Tot Ion: 79 Resp: 51197

Ion Ratio Lower Upper

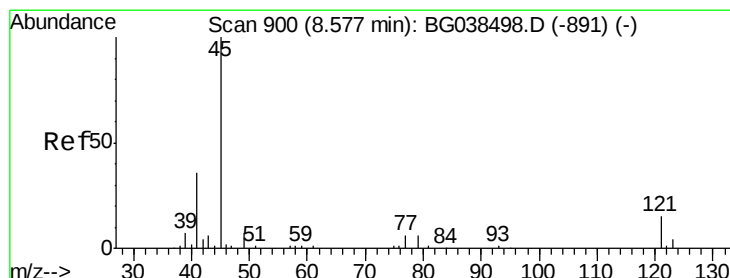
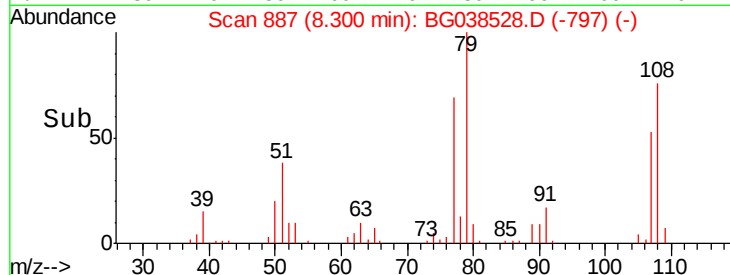
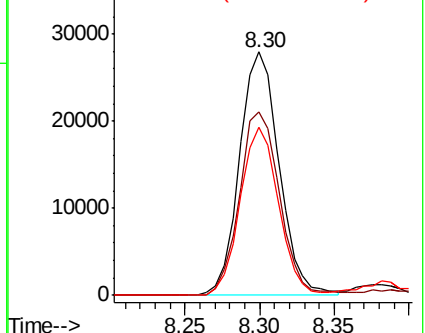
79 100

108 75.6 60.2 90.4

77 69.0 50.7 76.1



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: 38.423 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

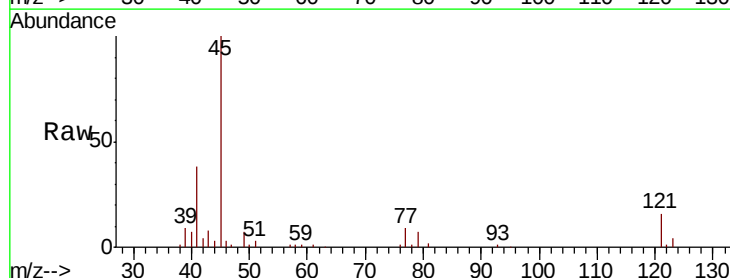
Tgt Ion: 45 Resp: 117933

Ion Ratio Lower Upper

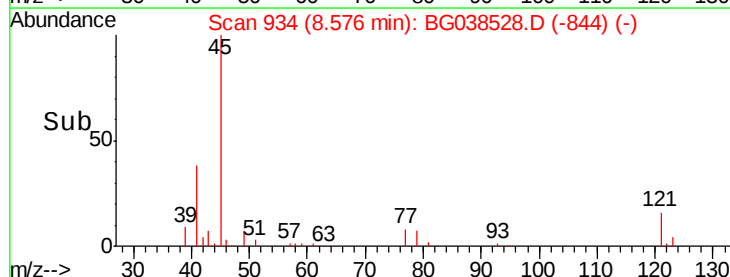
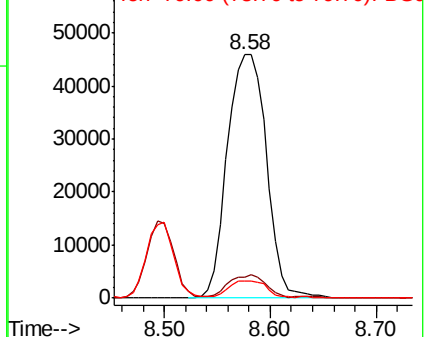
45 100

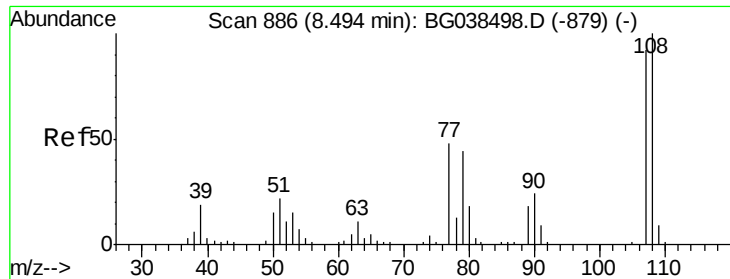
77 8.7 0.0 28.2

79 7.1 0.0 27.2



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

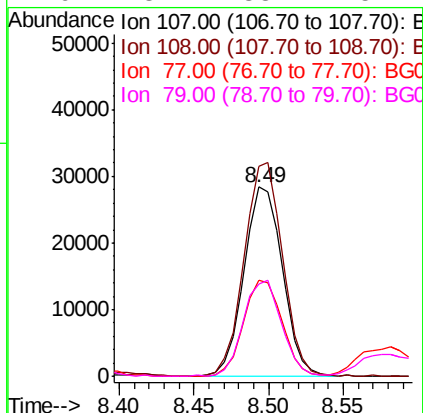
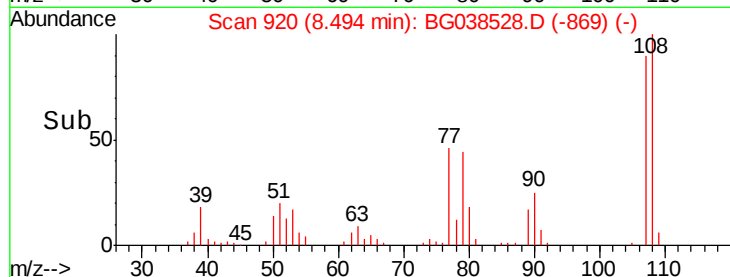
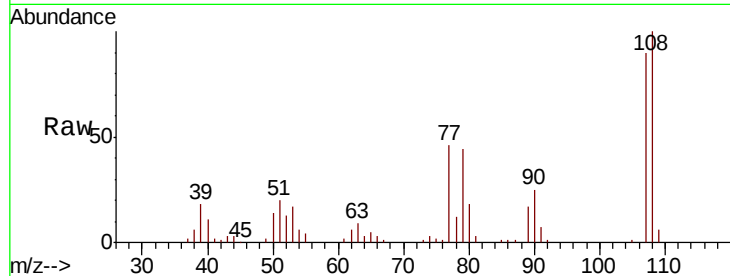




#17
2-Methylphenol
Concen: 44.857 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

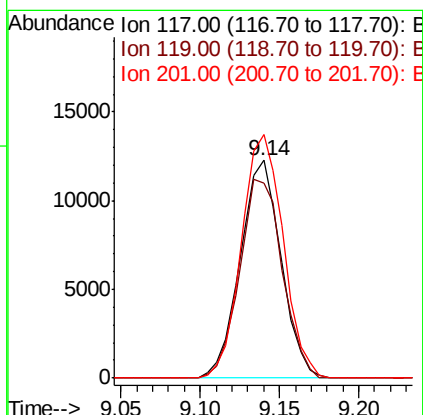
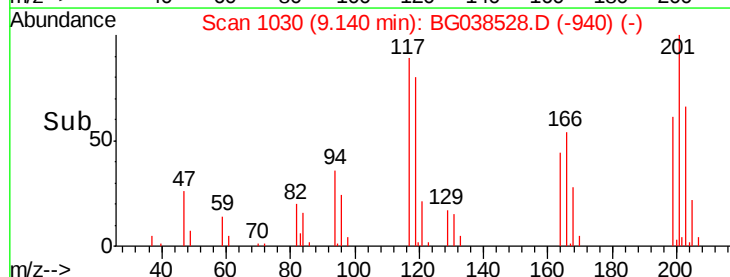
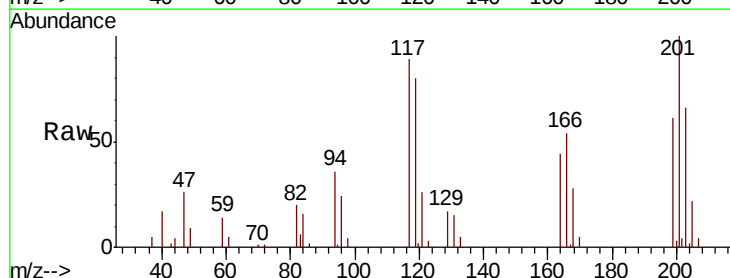
Instrument :
BNA_G
ClientSampled :

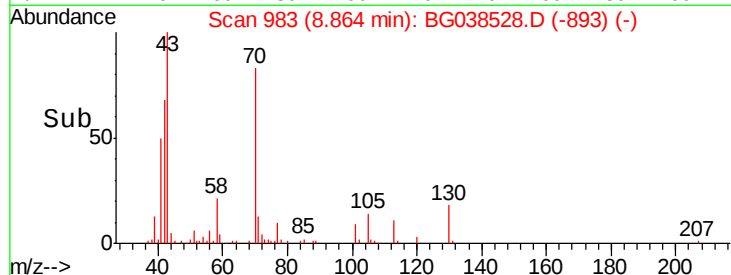
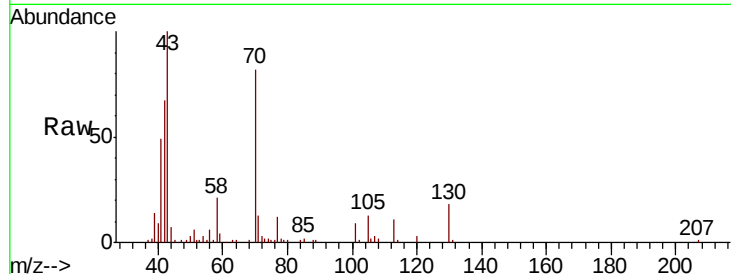
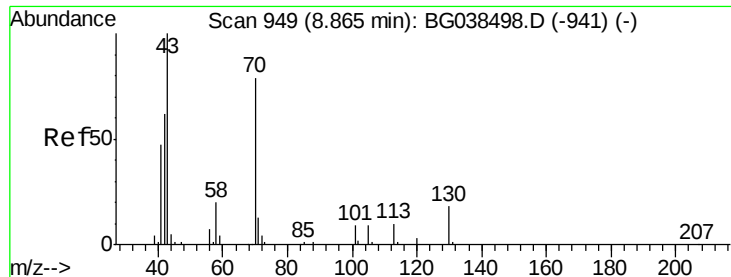
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.1	130.7
77	51.0	42.0	63.0
79	48.7	38.2	57.2



#18
Hexachloroethane
Concen: 37.184 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	73.8	110.8
201	116.5	89.4	134.0

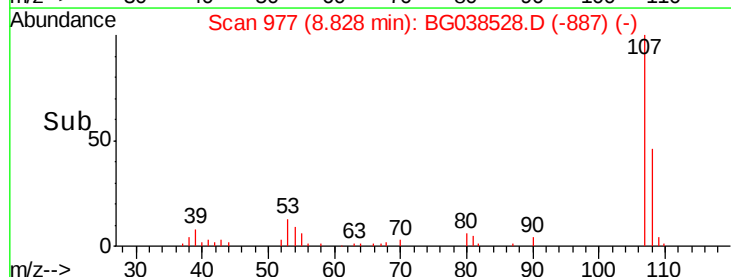
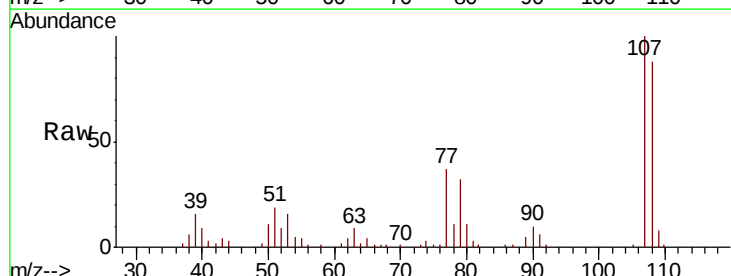
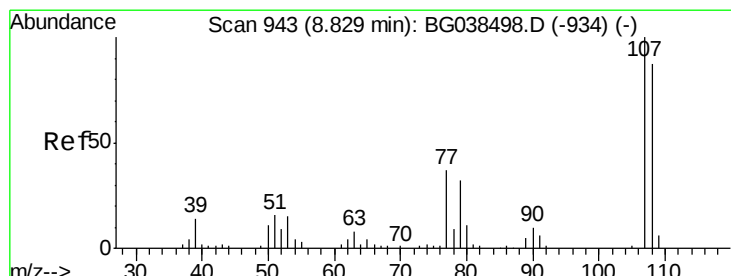
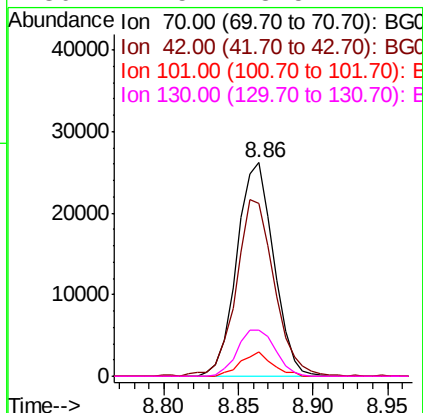




#19
n-Nitroso-di-n-propylamine
Concen: 40.354 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

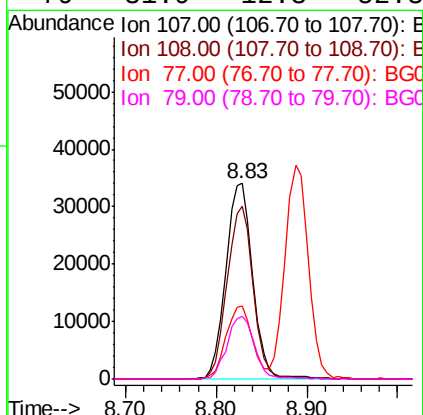
Instrument :
BNA_G
ClientSampleId :

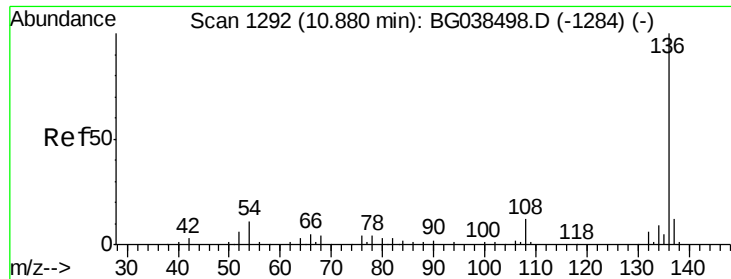
Tot Ion:	70	Resp:	44896
Ion	Ratio	Lower	Upper
70	100		
42	81.0	63.6	95.4
101	11.2	9.2	13.8
130	21.5	18.5	27.7



#20
3+4-Methylphenols
Concen: 44.978 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:	107	Resp:	70038
Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	37.5	17.3	57.3
79	31.9	12.3	52.3

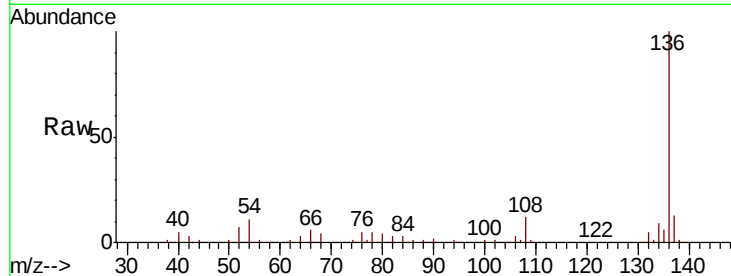




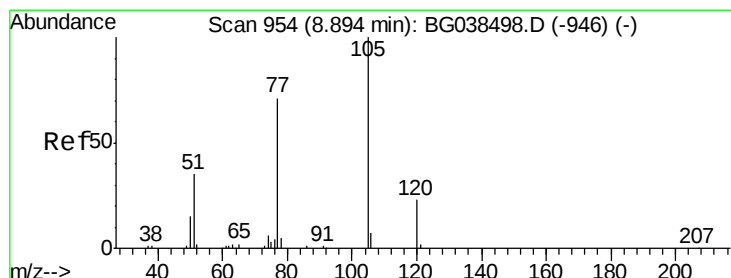
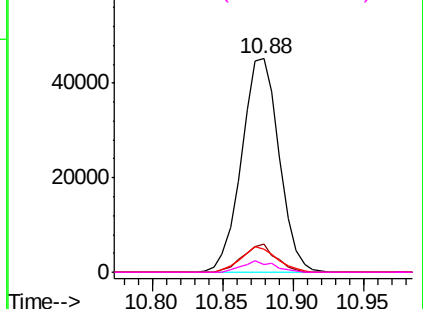
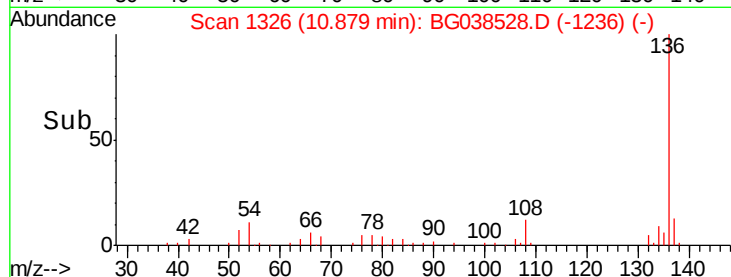
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	84390
Ion	Ratio	Lower Upper
136	100	
137	13.3	9.3 13.9
54	11.0	8.5 12.7
68	3.7	3.5 5.3

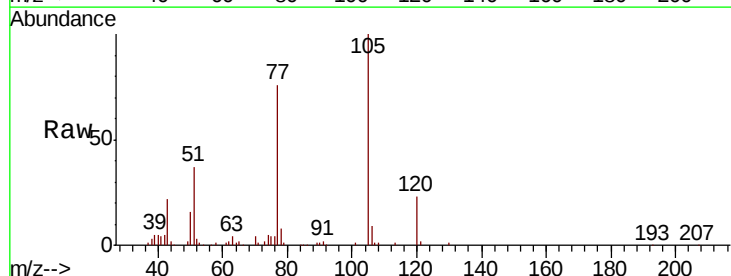


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

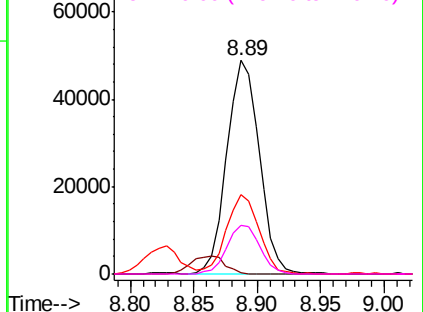
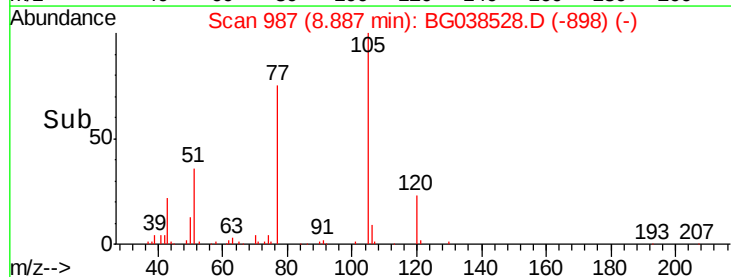


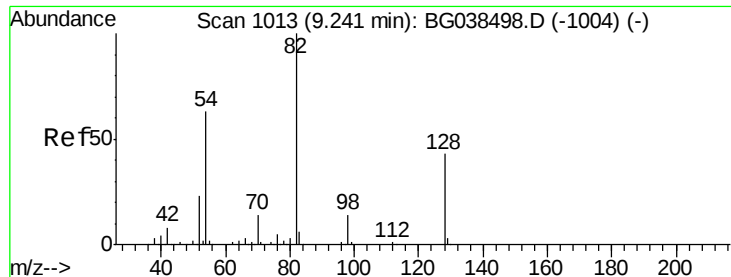
#22
Acetophenone
Concen: 41.071 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:105	Resp:	86573
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.4 0.6#
51	36.9	30.6 46.0
120	22.6	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

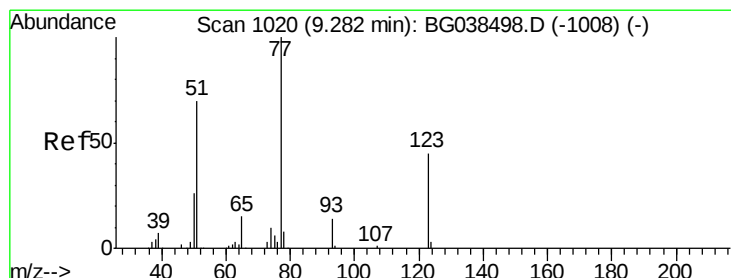
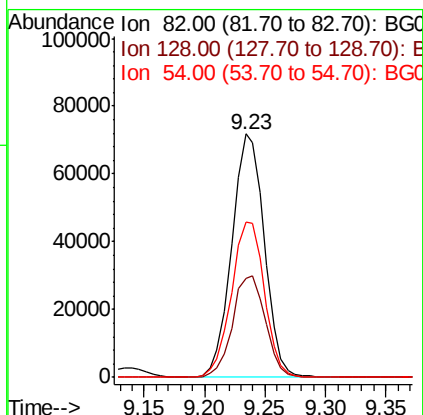
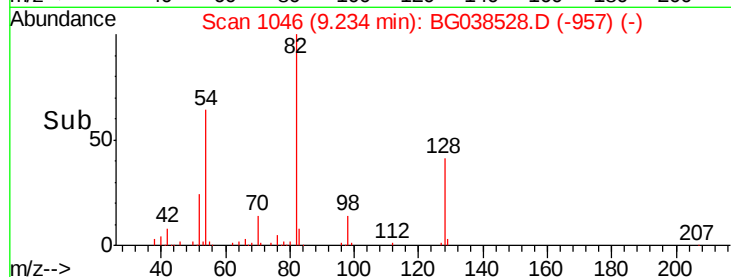
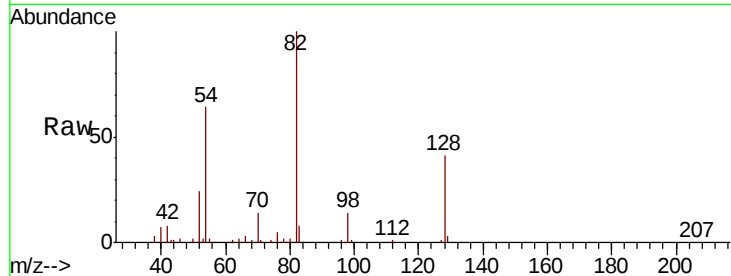




#23
 Nitrobenzene-d5
 Concen: 81.665 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

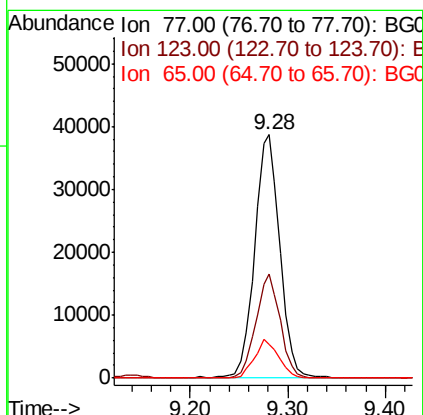
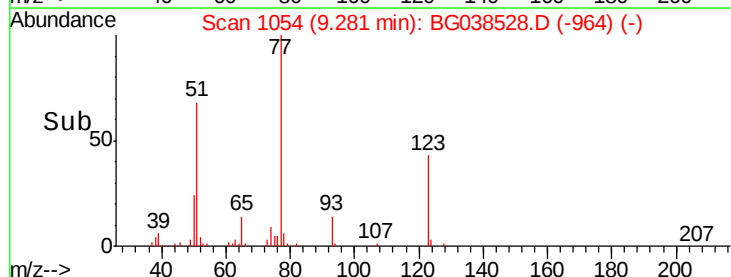
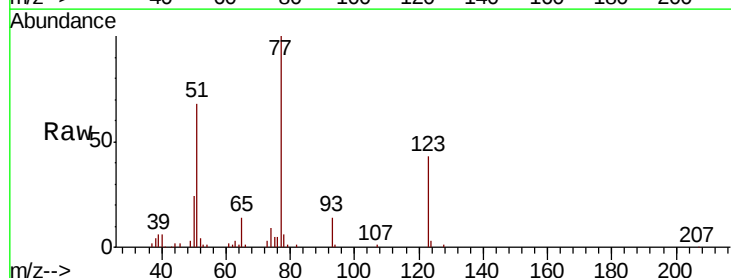
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 134901
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 64.0 50.6 76.0



#24
 Nitrobenzene
 Concen: 42.000 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion: 77 Resp: 70186
 Ion Ratio Lower Upper
 77 100
 123 42.7 35.9 53.9
 65 14.0 12.0 18.0





#25

Isophorone

Concen: 43.662 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

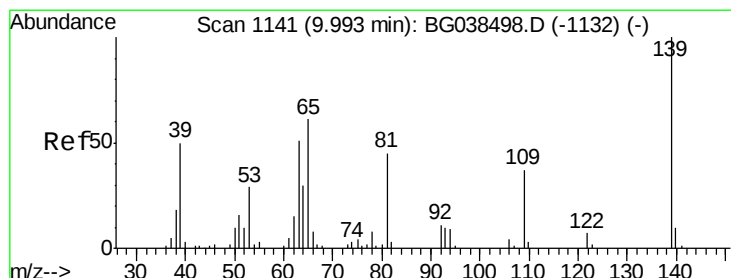
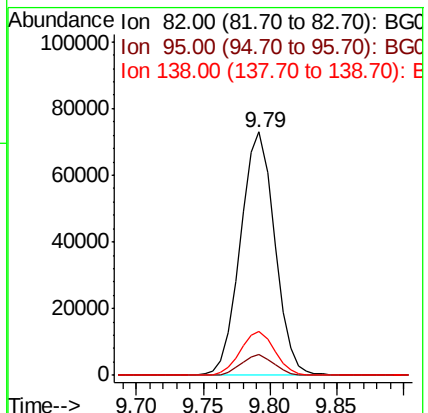
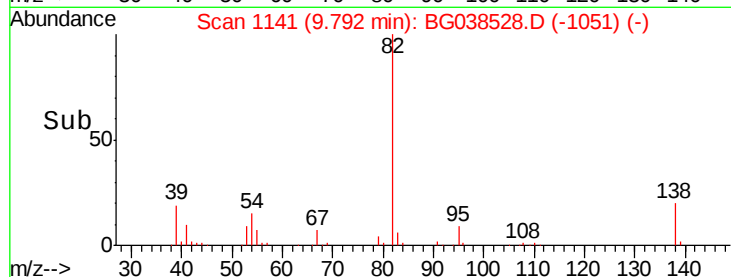
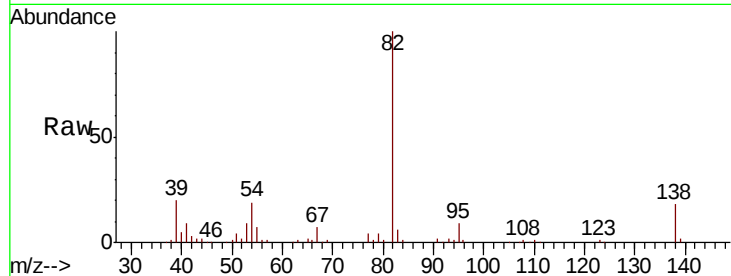
Tot Ion: 82 Resp: 129587

Ion Ratio Lower Upper

82 100

95 8.5 6.1 9.1

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 39.134 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

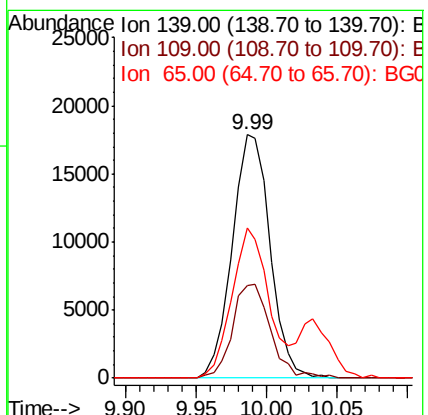
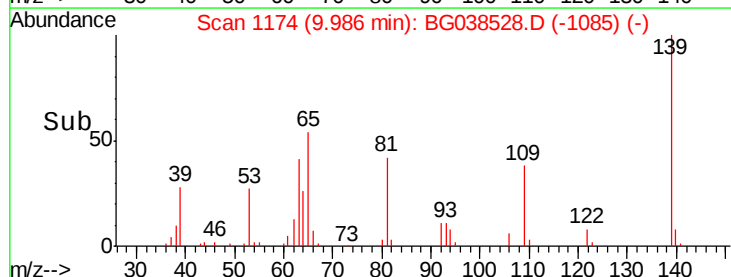
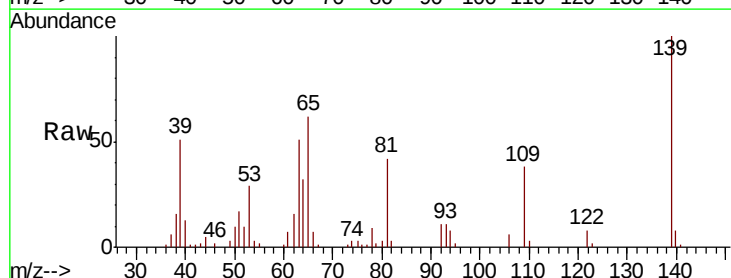
Tgt Ion: 139 Resp: 33471

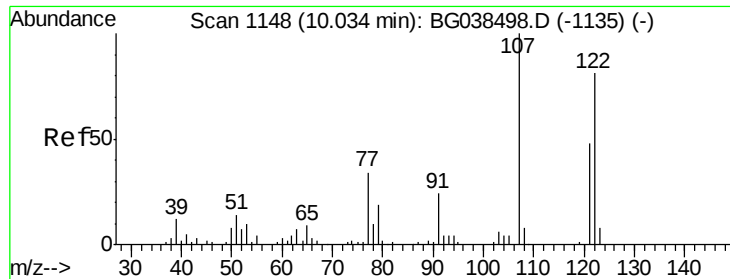
Ion Ratio Lower Upper

139 100

109 38.0 29.5 44.3

65 61.6 48.5 72.7

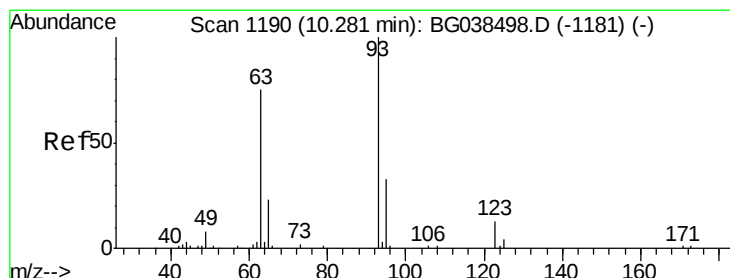
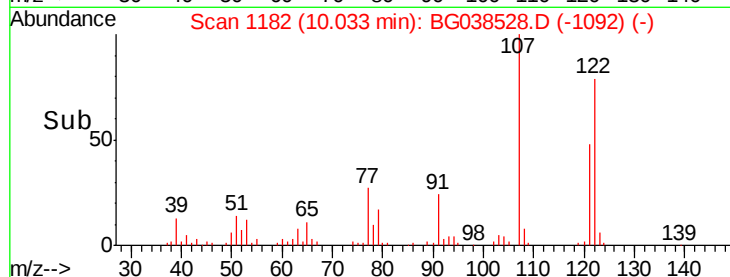
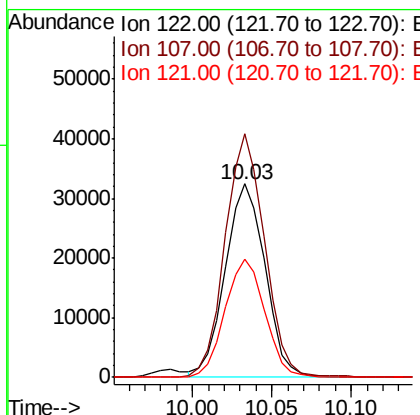
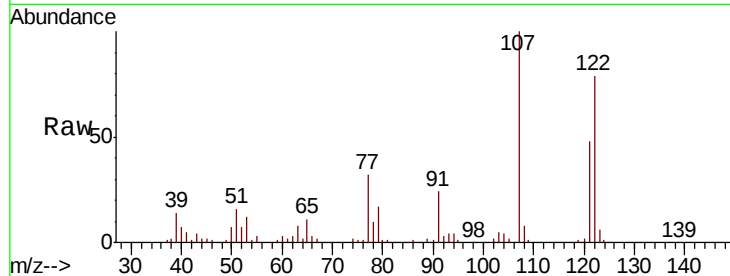




#27
2,4-Dimethylphenol
Concen: 46.210 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

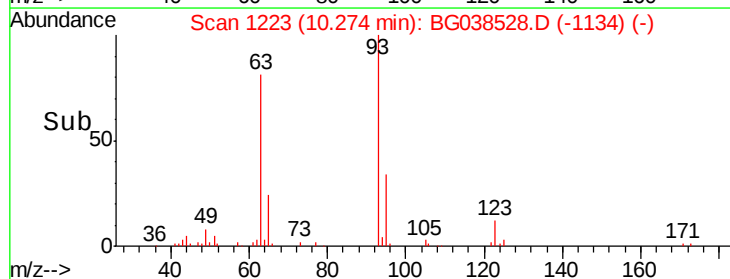
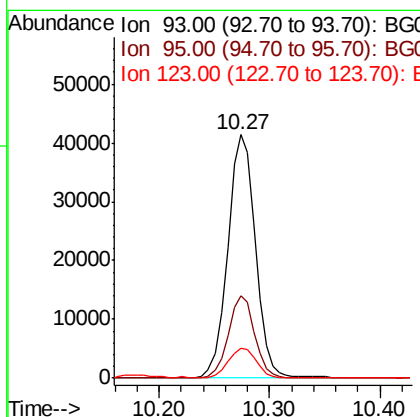
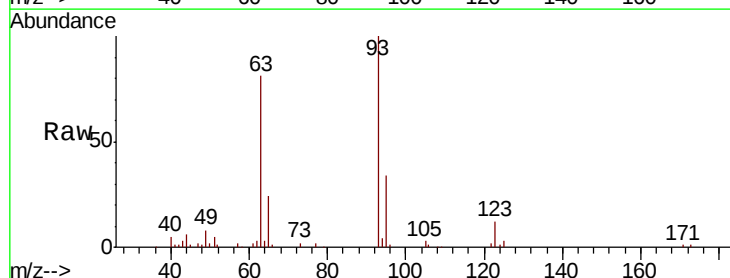
Instrument :
BNA_G
ClientSampled :

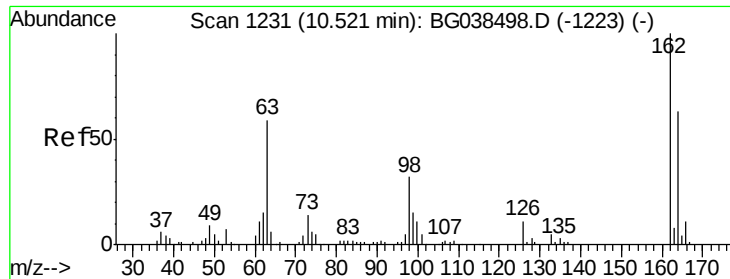
Tot Ion:122 Resp: 56644
Ion Ratio Lower Upper
122 100
107 125.9 98.4 147.6
121 60.8 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.341 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 93 Resp: 72593
Ion Ratio Lower Upper
93 100
95 34.1 26.6 40.0
123 12.1 10.6 16.0

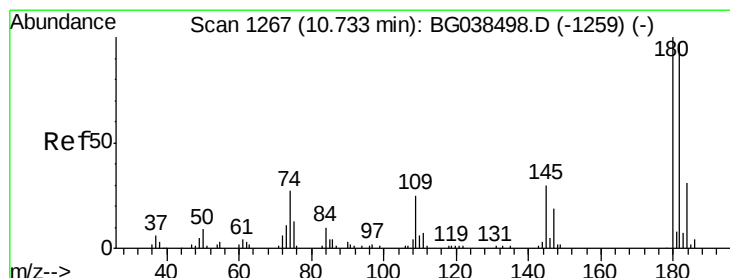
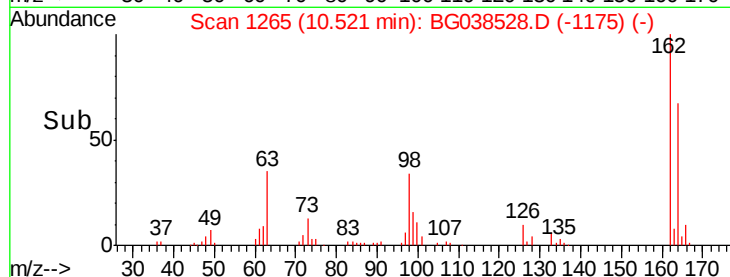
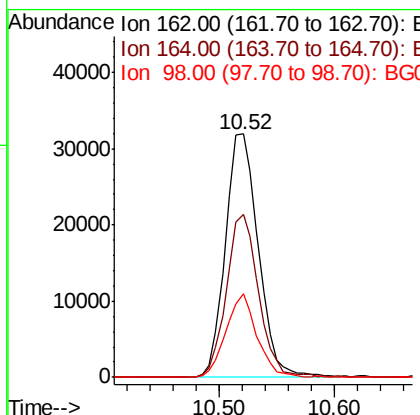
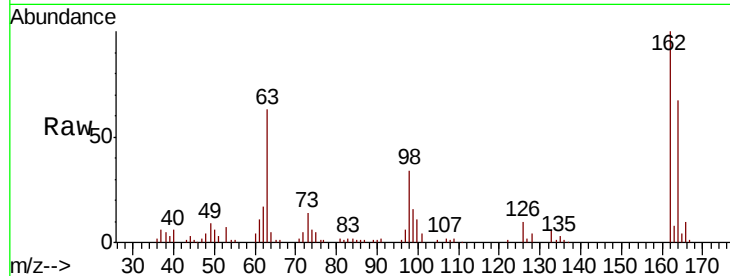




#29
 2,4-Dichlorophenol
 Concen: 46.309 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

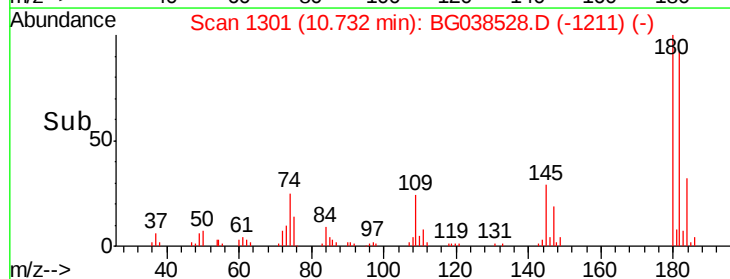
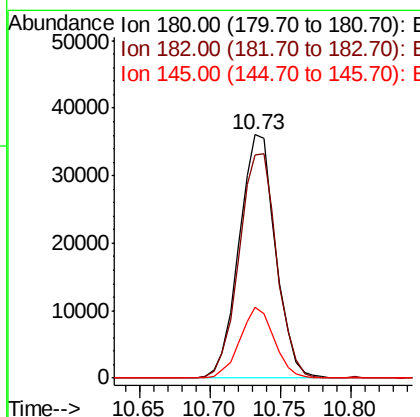
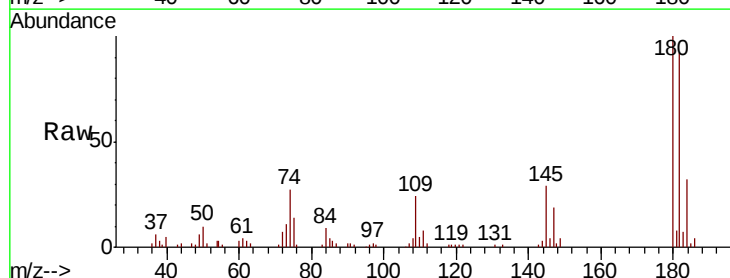
Instrument :
 BNA_G
 ClientSampleId :

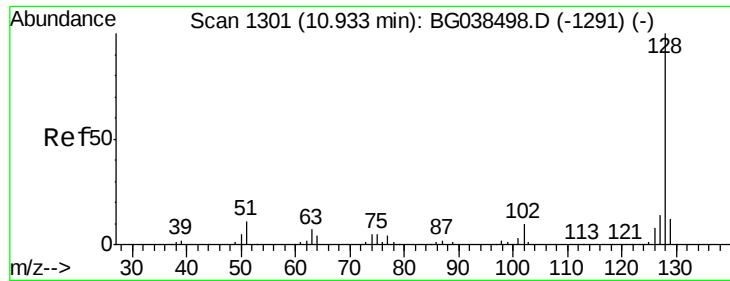
Tot Ion	162	Resp	63150
Ion Ratio	Lower	Upper	
162	100		
164	66.9	42.9	82.9
98	34.5	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.562 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	180	Resp	65165
Ion Ratio	Lower	Upper	
180	100		
182	91.8	77.4	116.0
145	28.9	24.1	36.1

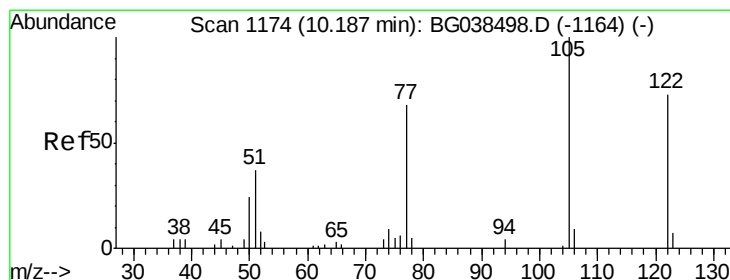
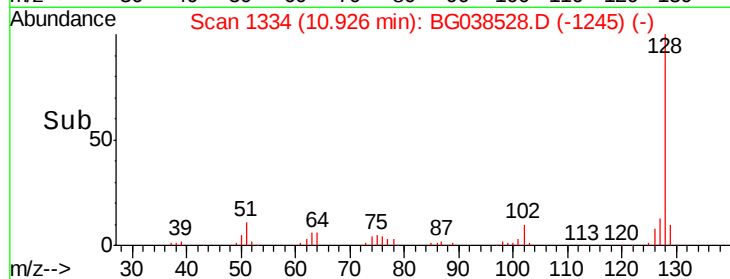
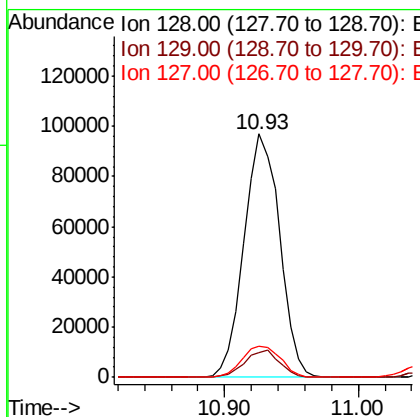
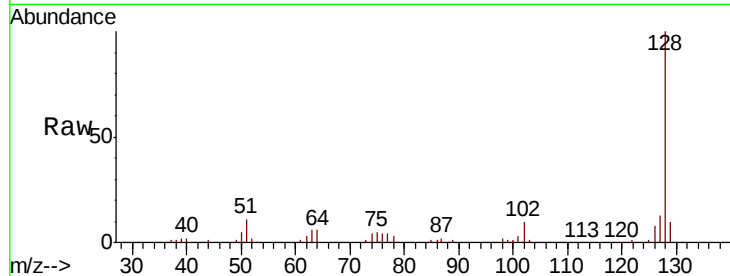




#31
Naphthalene
Concen: 43.036 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

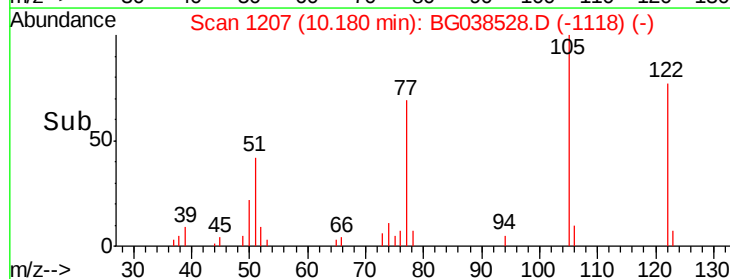
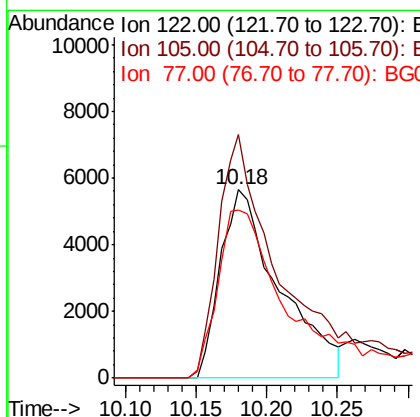
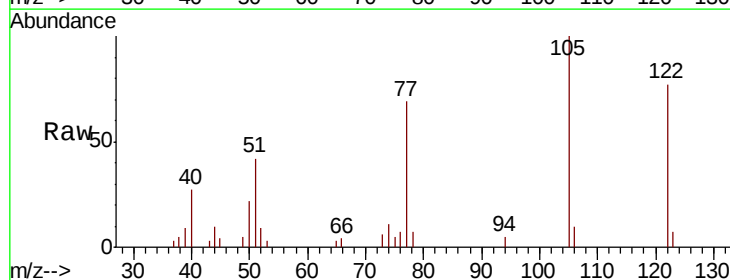
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 178941
Ion Ratio Lower Upper
128 100
129 10.2 9.5 14.3
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 26.936 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:122 Resp: 16566
Ion Ratio Lower Upper
122 100
105 129.5 116.7 156.7
77 89.3 72.5 112.5

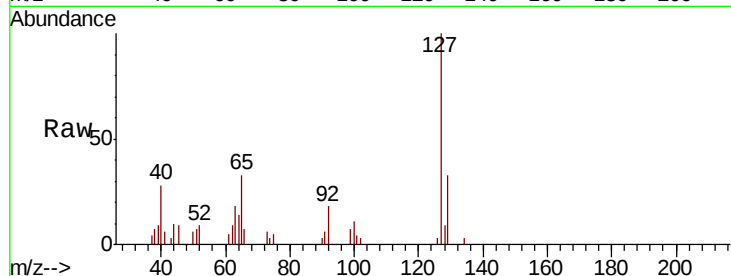




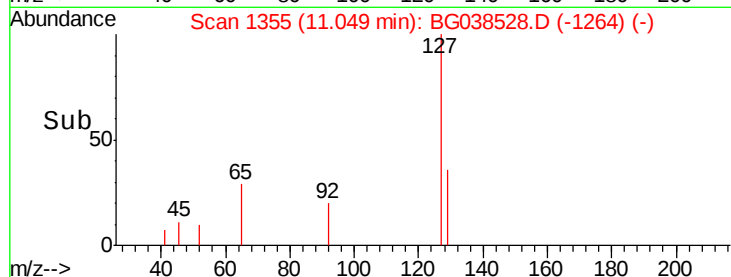
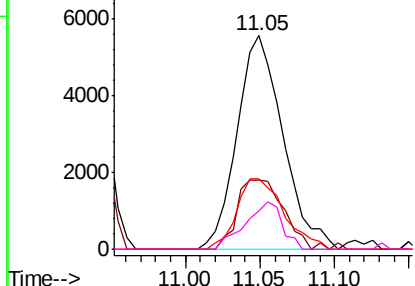
#33
4-Chloroaniline
Concen: 6.552 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	11828
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.8 38.8
65	32.7	27.8 41.6
92	18.2	17.0 25.6

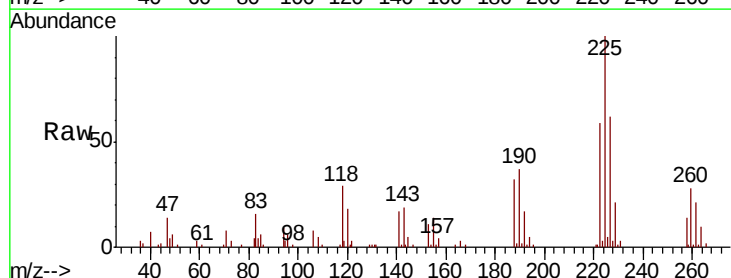


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

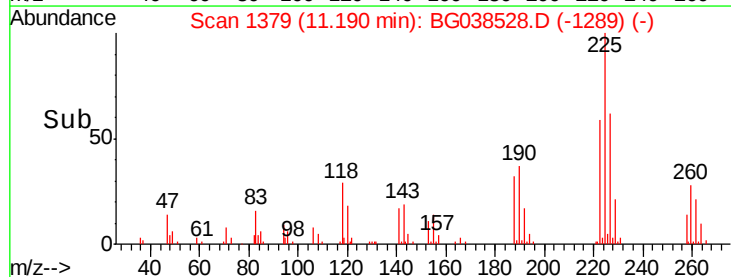
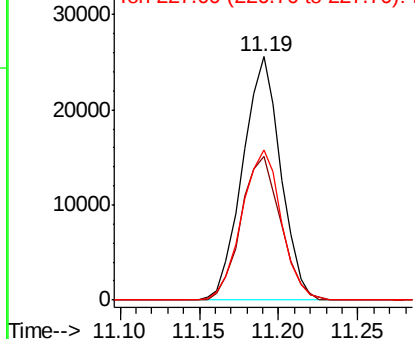


#34
Hexachlorobutadiene
Concen: 38.272 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:225	Resp:	42656
Ion Ratio	Lower	Upper
225	100	
223	55.8	45.0 67.6
227	61.4	50.6 75.8



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

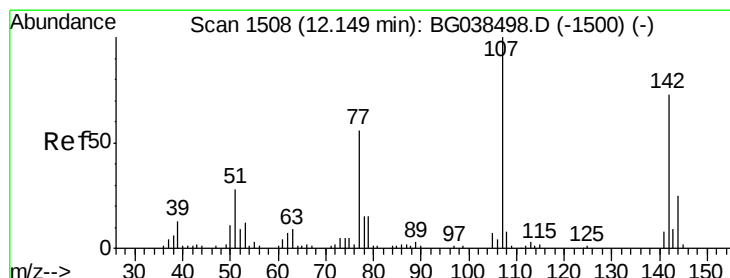
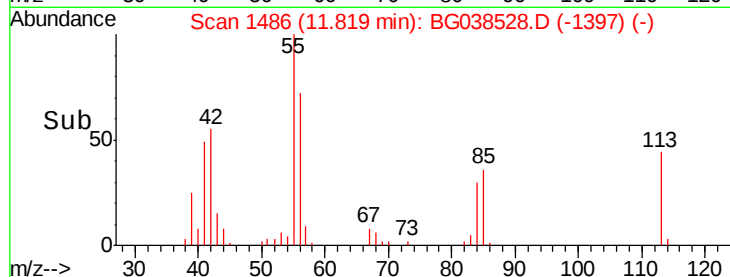
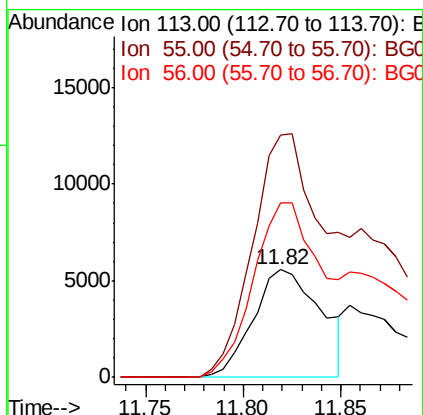
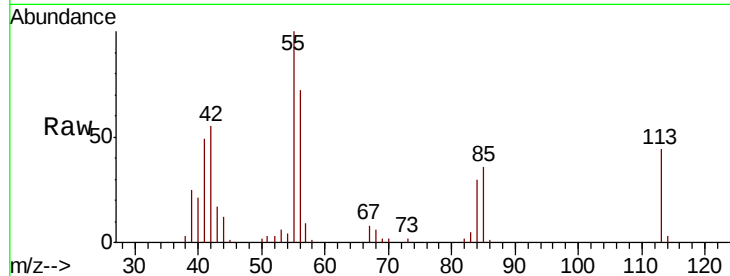




#35
Caprolactam
Concen: 23.732 ng
RT: 11.82 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

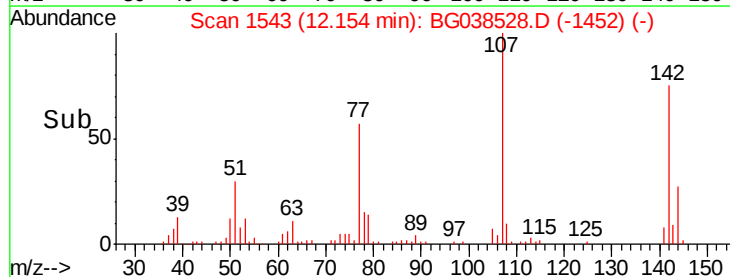
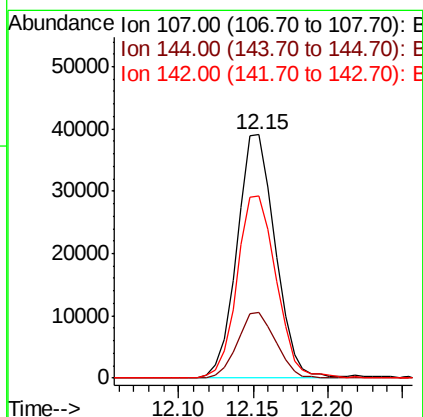
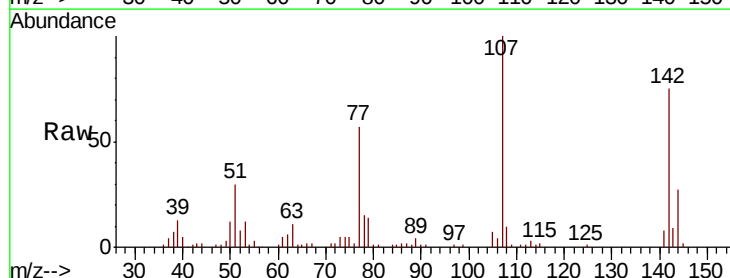
Instrument :
BNA_G
ClientSampleId :

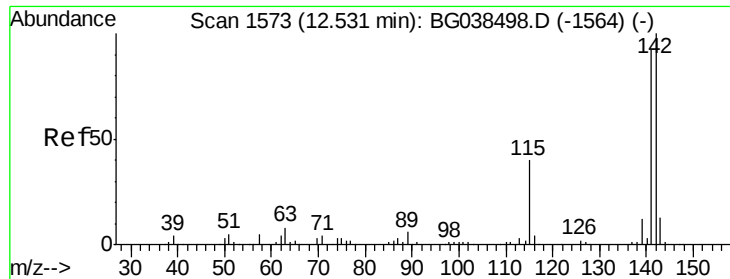
Tot Ion:113 Resp: 13393
Ion Ratio Lower Upper
113 100
55 225.0 204.3 244.3
56 161.9 135.0 175.0



#36
4-Chloro-3-methylphenol
Concen: 44.552 ng
RT: 12.15 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:107 Resp: 69330
Ion Ratio Lower Upper
107 100
144 26.9 20.1 30.1
142 74.7 58.7 88.1

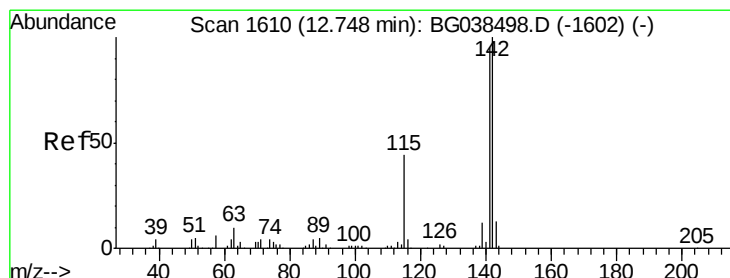
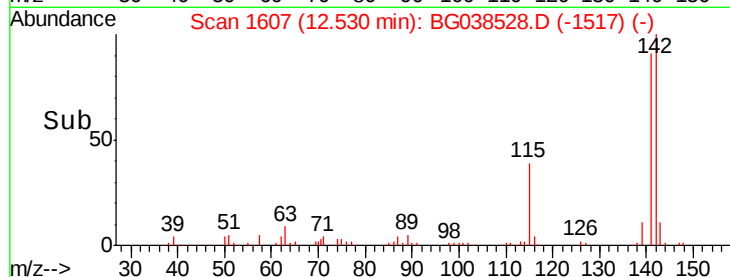
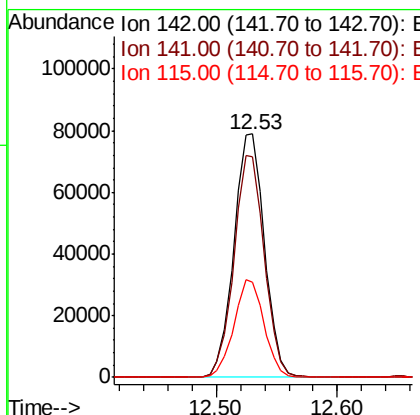
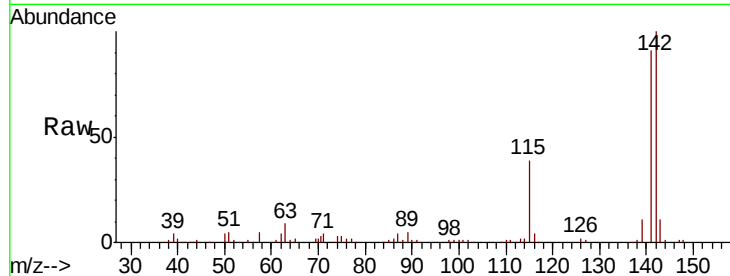




#37
 2-Methylnaphthalene
 Concen: 46.922 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

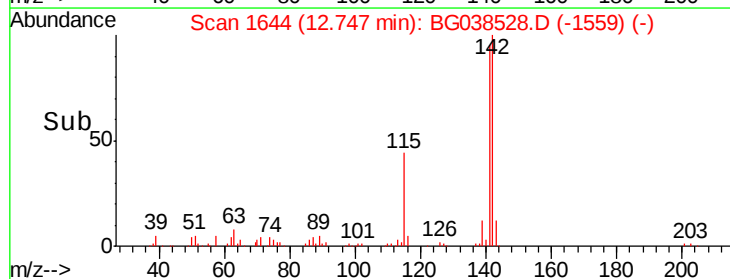
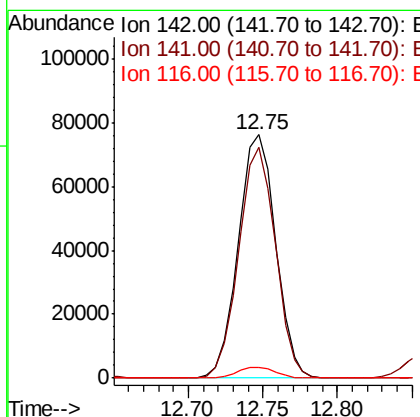
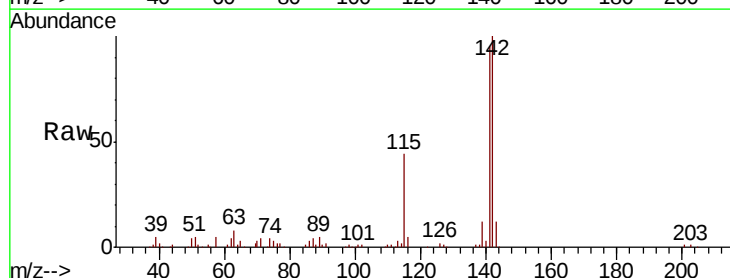
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	39.2	31.7	47.5



#38
 1-Methylnaphthalene
 Concen: 45.965 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.8	113.8
116	4.6	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampled :

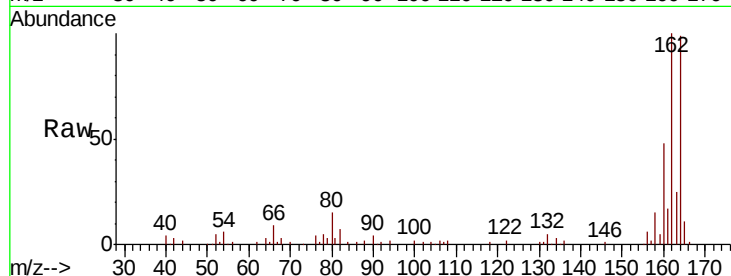
Tot Ion:164 Resp: 58525

Ion Ratio Lower Upper

164 100

162 101.2 86.6 130.0

160 48.1 34.2 51.2

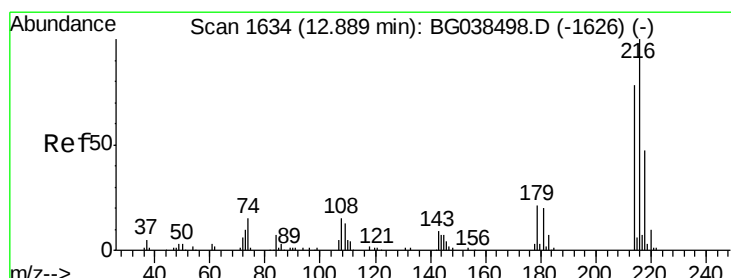
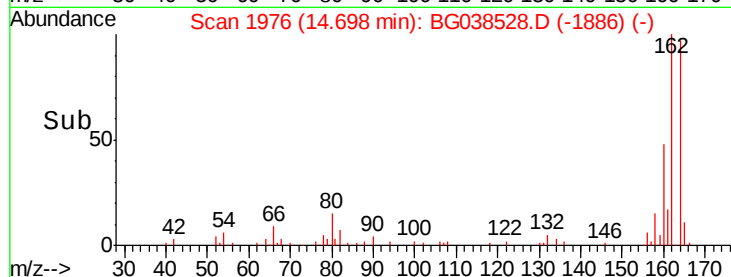
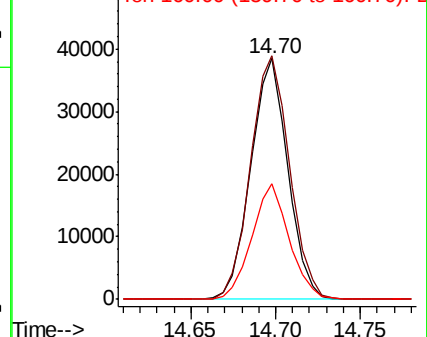


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.124 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:216 Resp: 81213

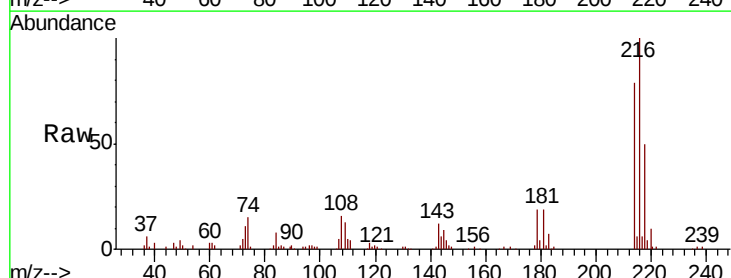
Ion Ratio Lower Upper

216 100

214 80.3 64.1 96.1

179 19.8 16.4 24.6

108 18.7 13.9 20.9



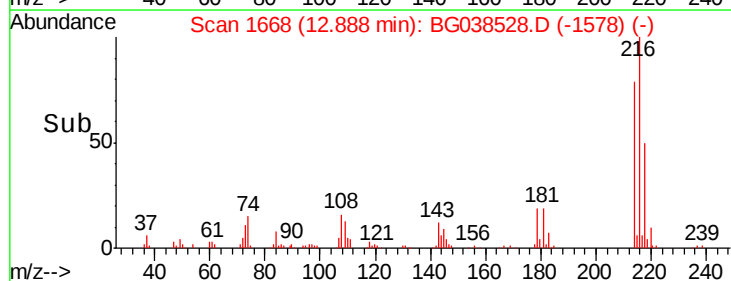
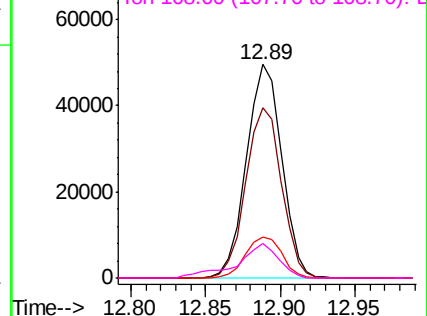
Abundance

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: 81.369 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

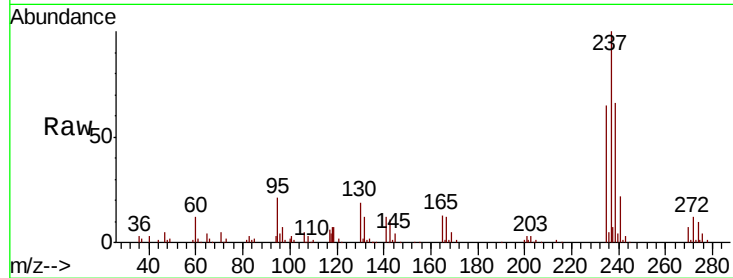
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 97796

Ion	Ratio	Lower	Upper
237	100		
235	65.0	38.8	78.8
272	12.4	0.0	32.0

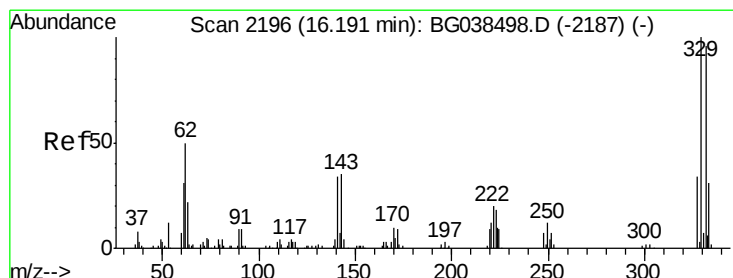
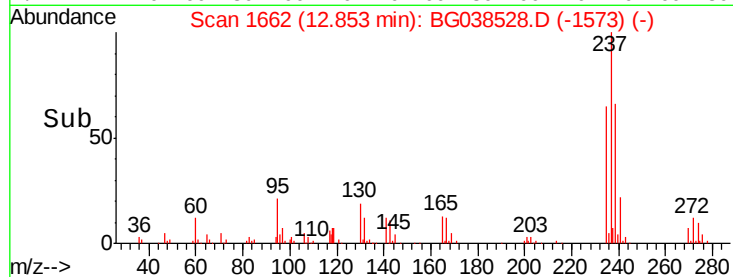
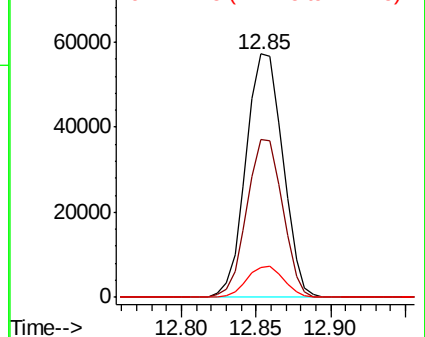


Abundance

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: 134.529 ng

RT: 16.19 min Scan# 2230

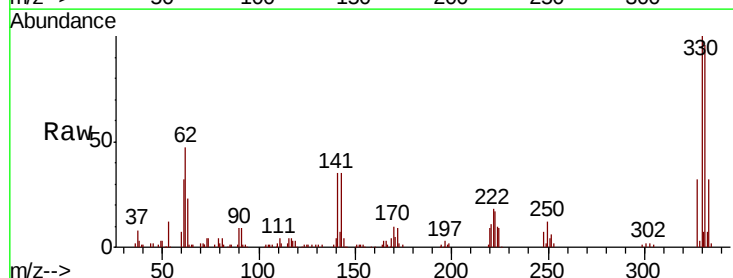
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:330 Resp: 108508

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	37.5	28.8	43.2

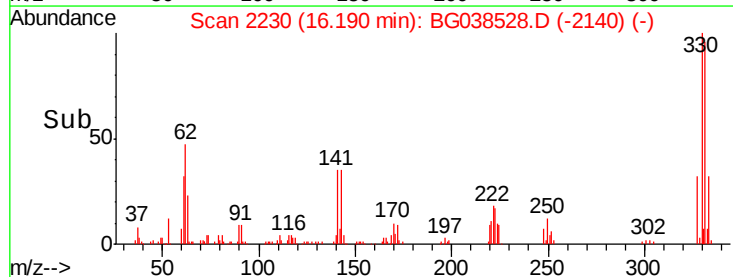
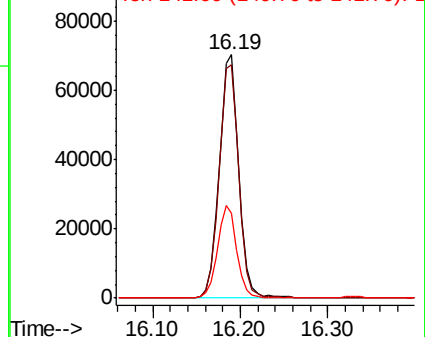


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

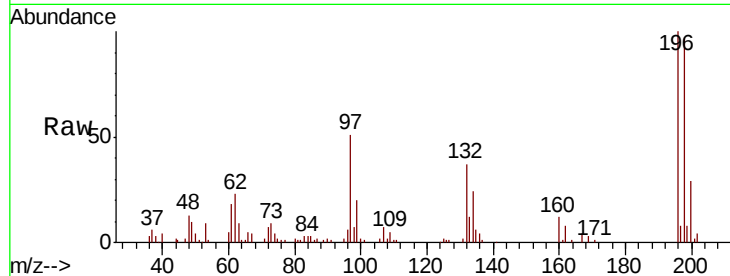




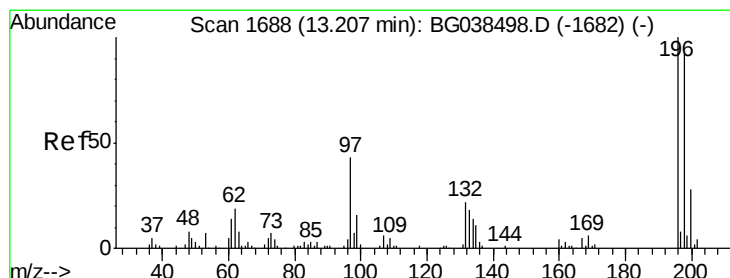
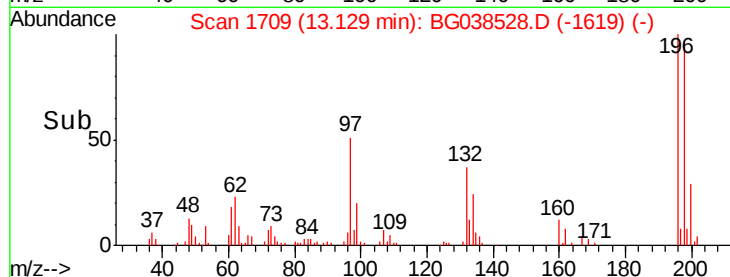
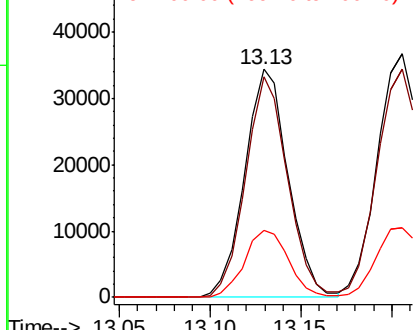
#43
 2,4,6-Trichlorophenol
 Concen: 42.541 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 57222
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.0 112.4
 200 29.4 22.4 33.6

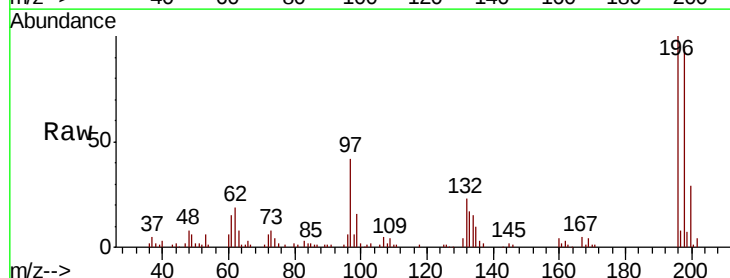


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

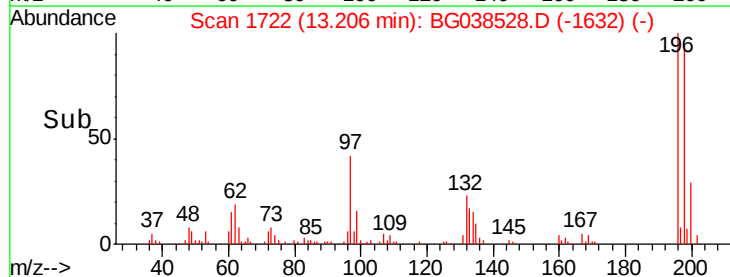
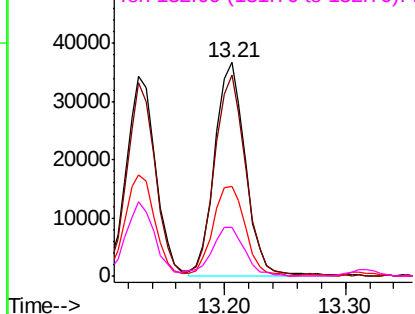


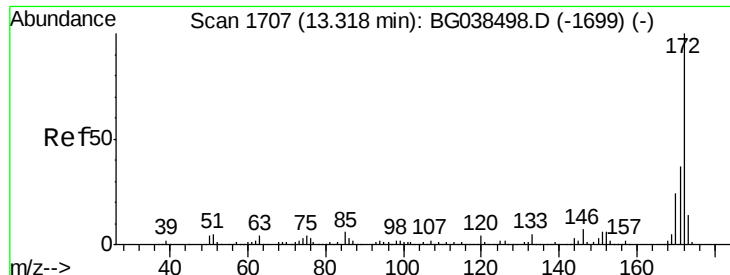
#44
 2,4,5-Trichlorophenol
 Concen: 45.362 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:196 Resp: 64602
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.0 111.0
 97 41.8 35.1 52.7
 132 22.8 18.0 27.0



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

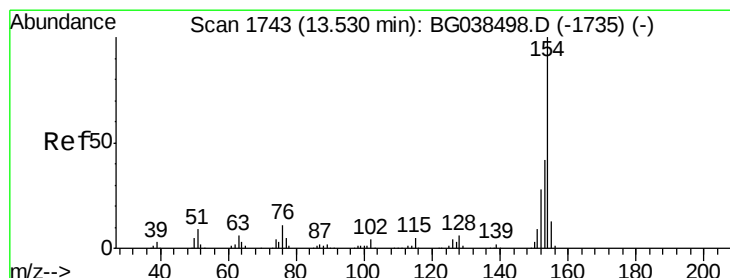
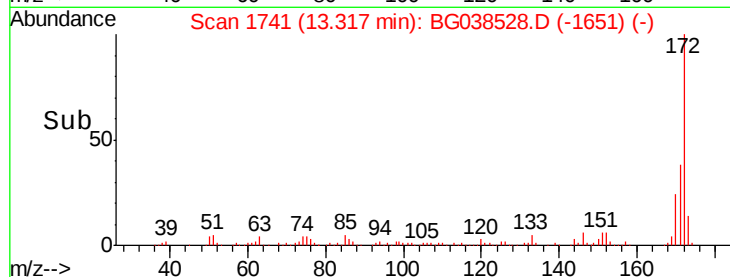
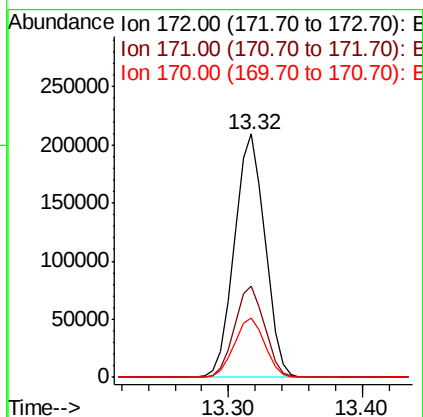
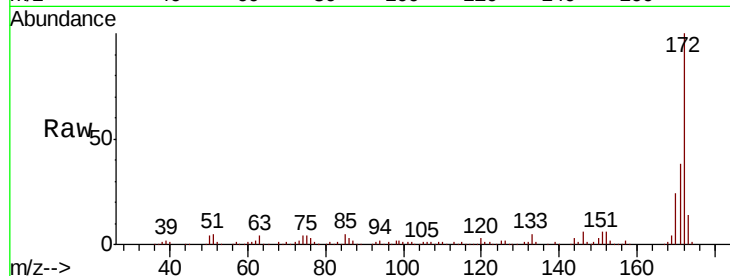




#45
 2-Fluorobiphenyl
 Concen: 77.666 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

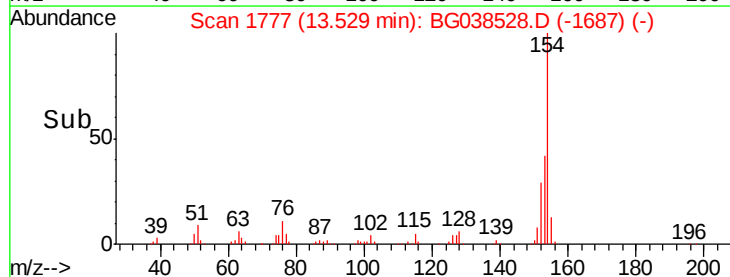
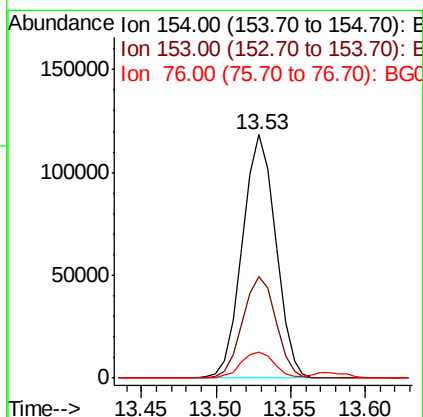
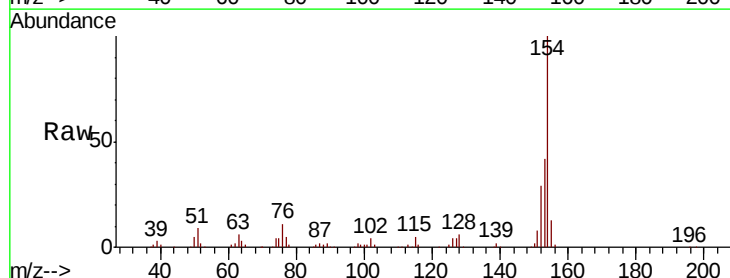
Instrument :
 BNA_G
 ClientSampleId :

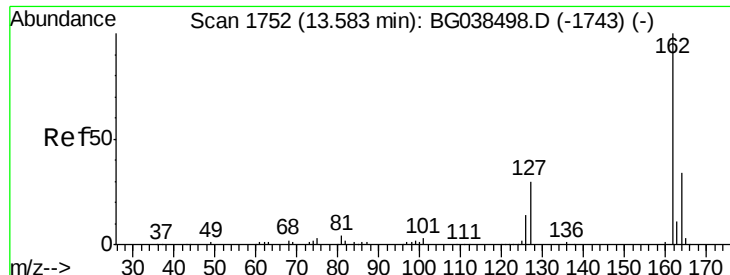
Tot Ion:172 Resp: 331335
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 24.2 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 37.312 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:154 Resp: 183063
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.1 62.1
 76 10.9 0.0 31.2

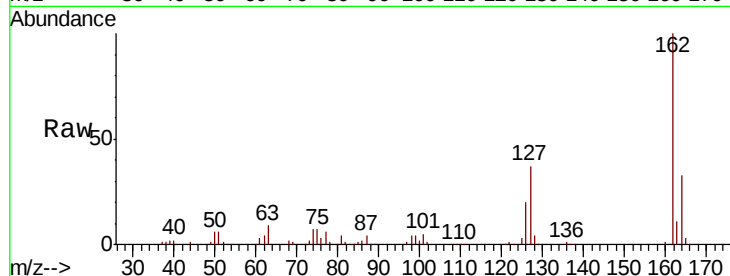




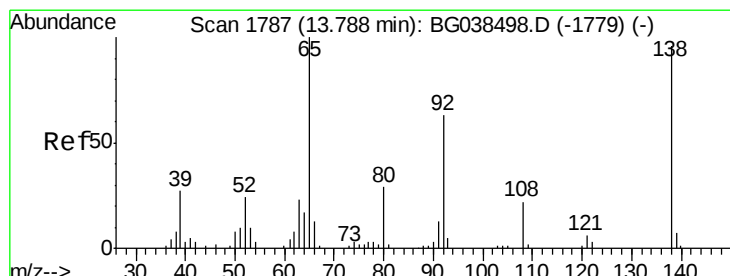
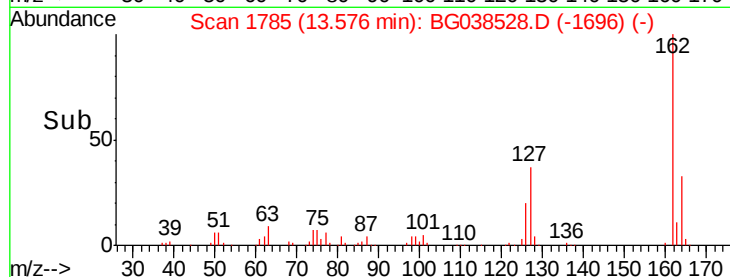
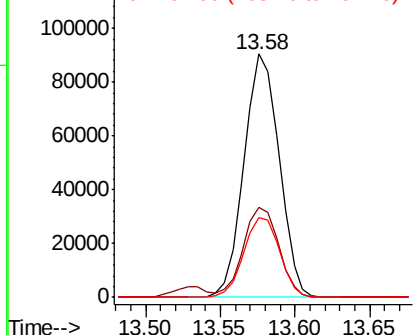
#47
 2-Chloronaphthalene
 Concen: 38.892 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 147396
 Ion Ratio Lower Upper
 162 100
 127 37.0 27.8 41.8
 164 33.0 26.9 40.3

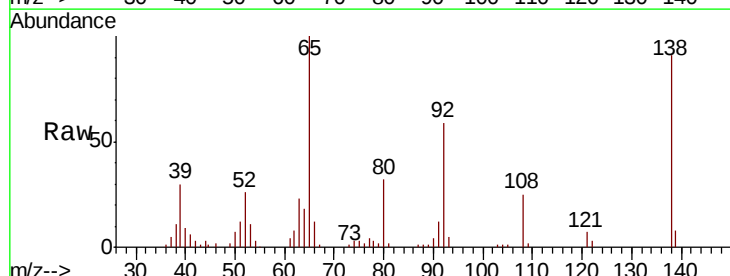


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

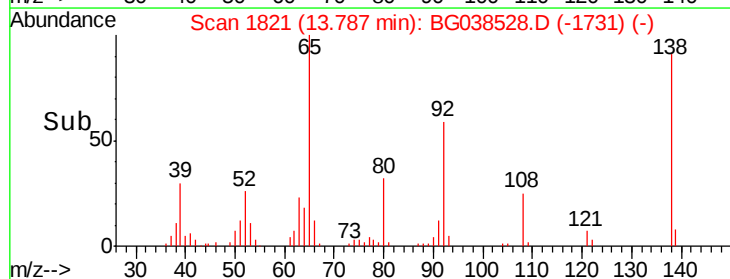
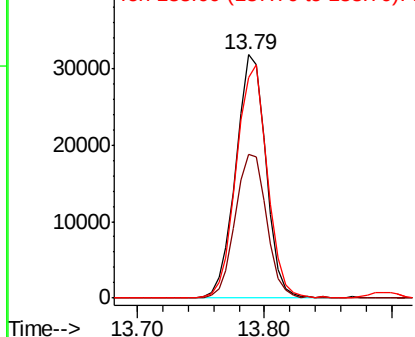


#48
 2-Nitroaniline
 Concen: 43.368 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion: 65 Resp: 52352
 Ion Ratio Lower Upper
 65 100
 92 59.3 50.0 75.0
 138 90.8 76.9 115.3



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: 43.801 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

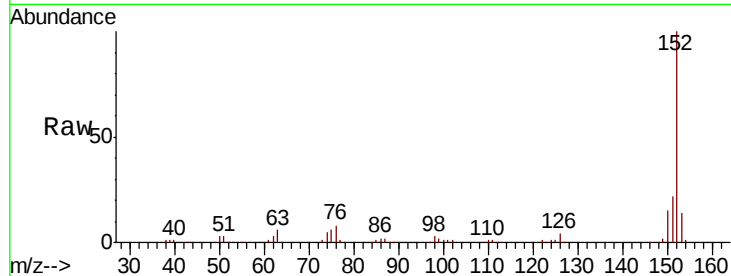
Tot Ion:152 Resp: 248162

Ion Ratio Lower Upper

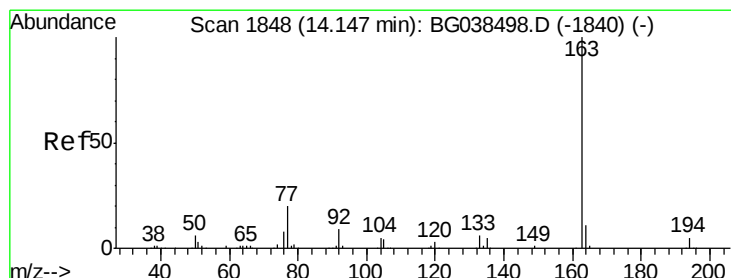
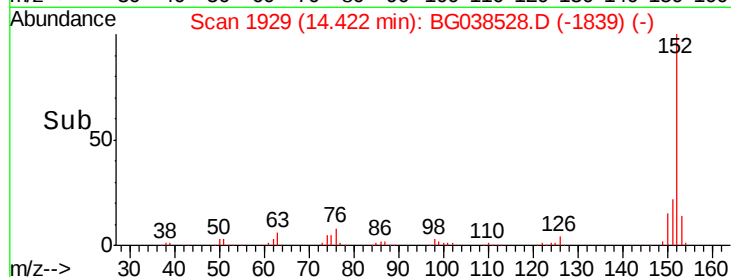
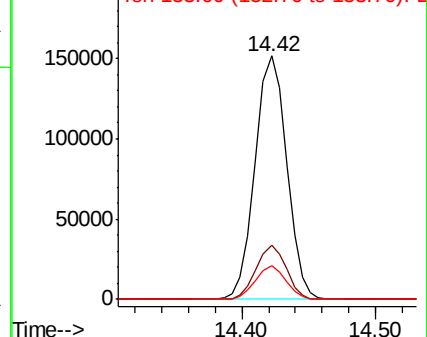
152 100

151 22.1 16.4 24.6

153 13.9 10.4 15.6



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: 48.991 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

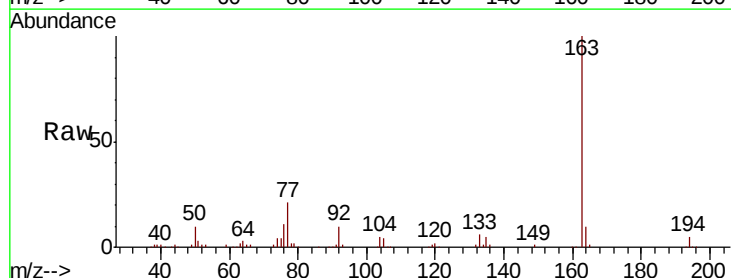
Tgt Ion:163 Resp: 234145

Ion Ratio Lower Upper

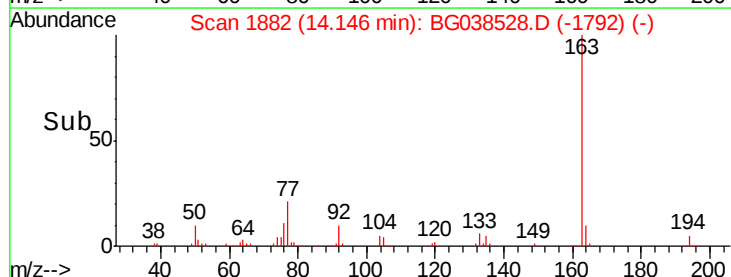
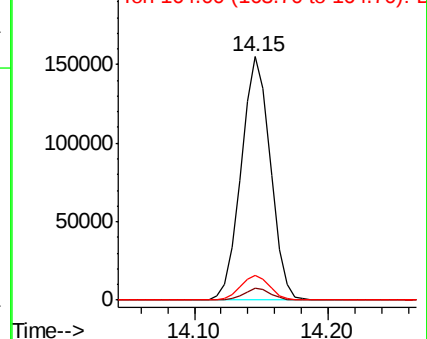
163 100

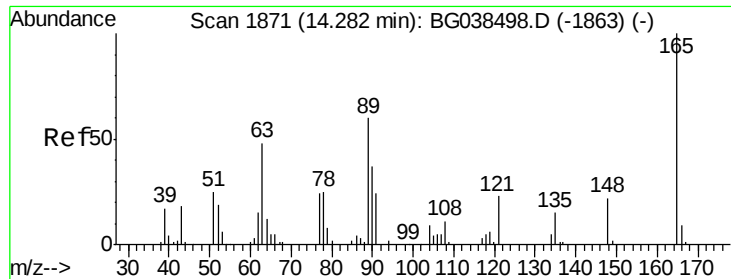
194 4.8 3.7 5.5

164 10.2 8.6 12.8



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

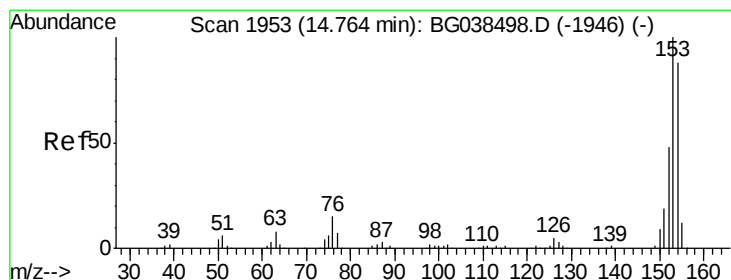
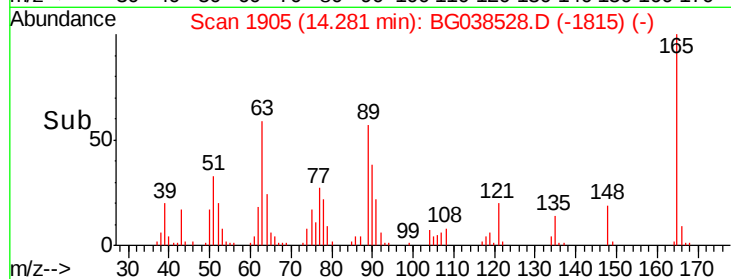
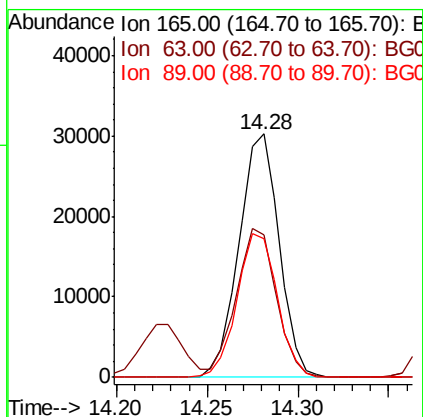
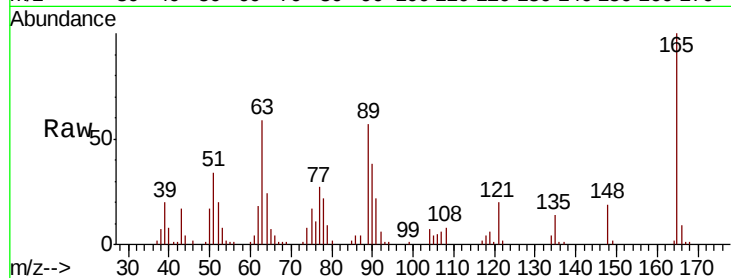




#51
 2,6-Dinitrotoluene
 Concen: 43.029 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

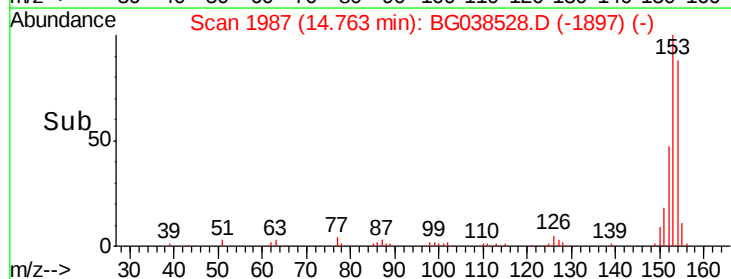
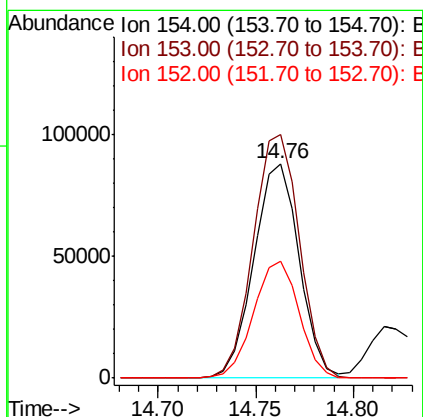
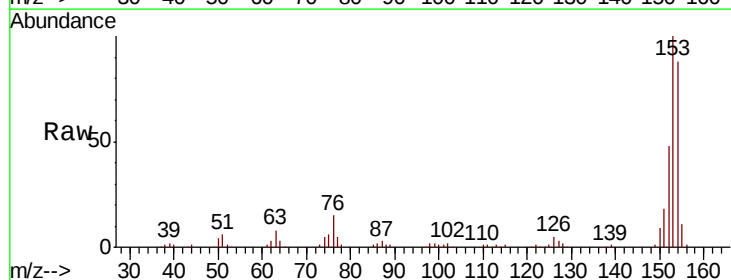
Instrument :
 BNA_G
 ClientSampleId :

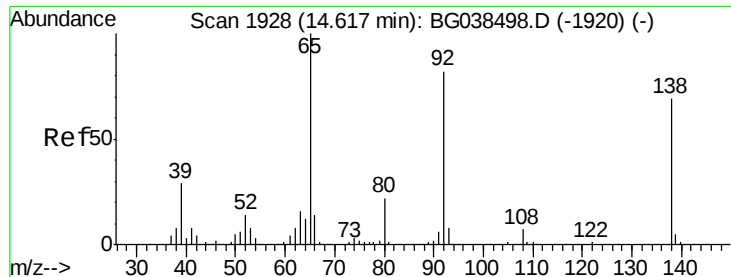
Tot Ion:165 Resp: 46604
 Ion Ratio Lower Upper
 165 100
 63 58.7 51.8 77.6
 89 57.1 47.9 71.9



#52
 Acenaphthene
 Concen: 41.853 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:154 Resp: 141793
 Ion Ratio Lower Upper
 154 100
 153 113.5 90.6 136.0
 152 54.3 43.5 65.3

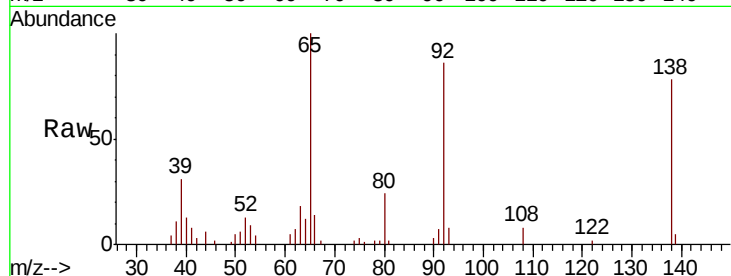




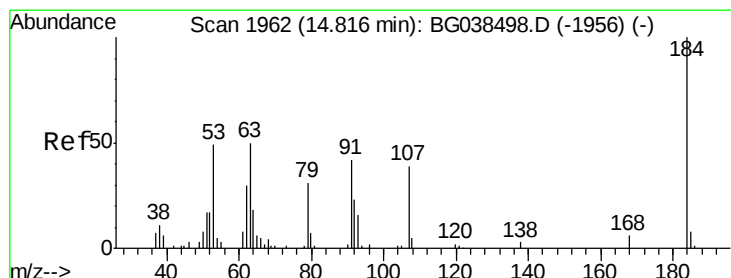
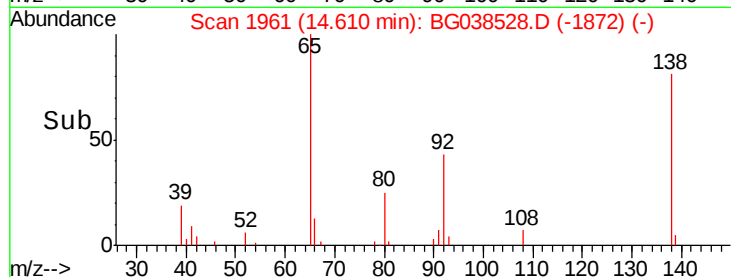
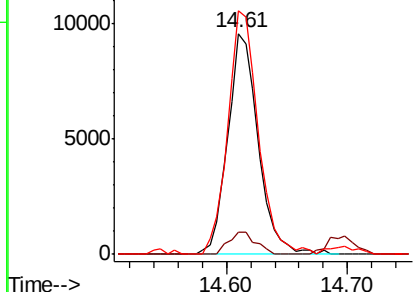
#53
 3-Nitroaniline
 Concen: 15.186 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 16767
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.9 11.9
 92 110.3 95.3 142.9

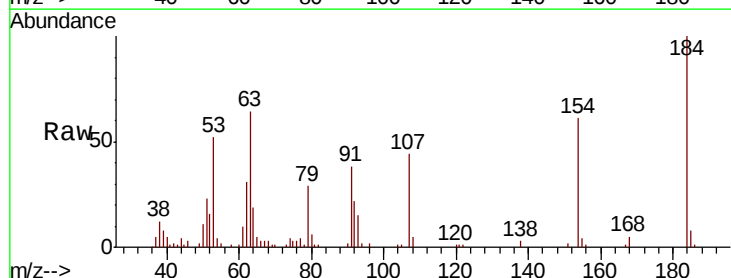


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

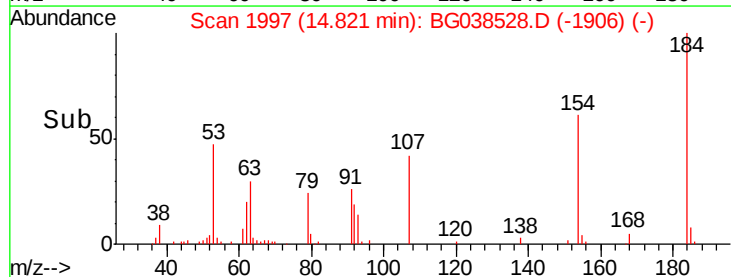
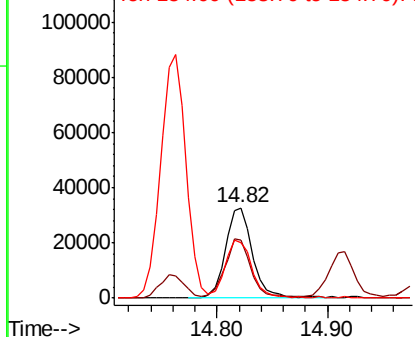


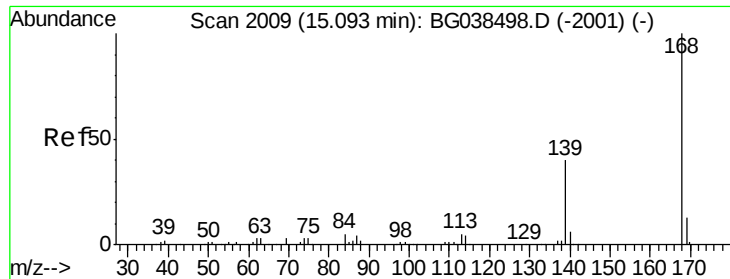
#54
 2,4-Dinitrophenol
 Concen: 86.964 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:184 Resp: 56354
 Ion Ratio Lower Upper
 184 100
 63 64.2 47.0 70.6
 154 61.2 50.3 75.5



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

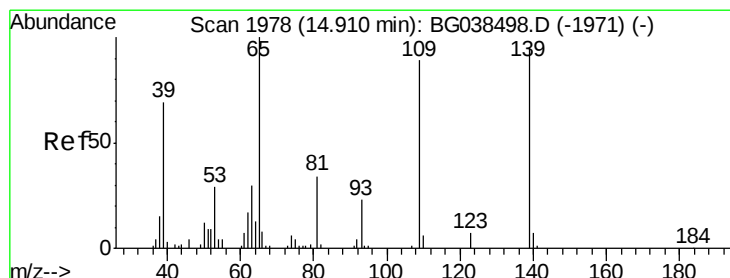
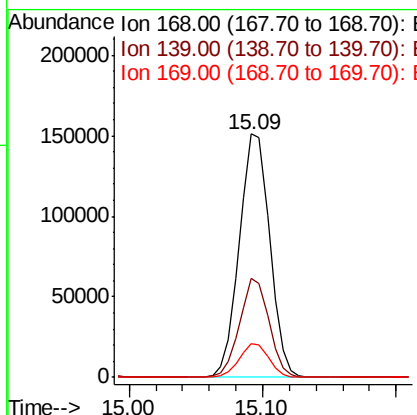
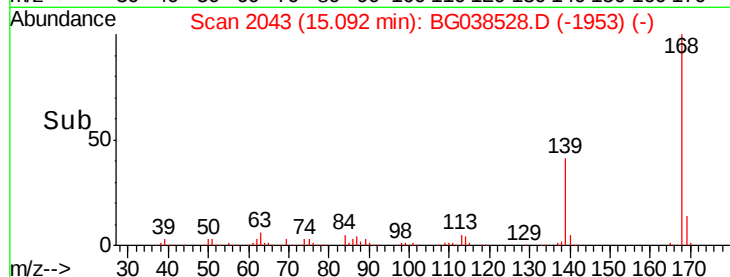
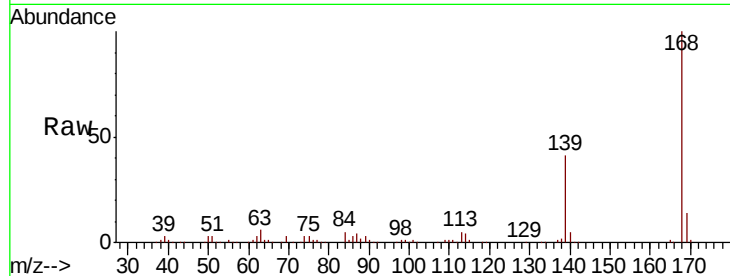




#55
Dibenzenofuran
Concen: 41.058 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

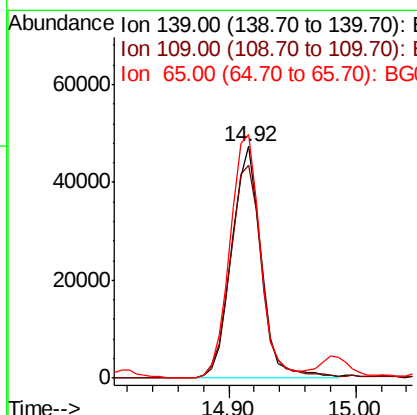
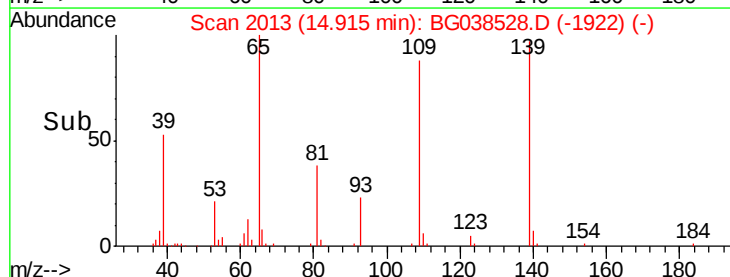
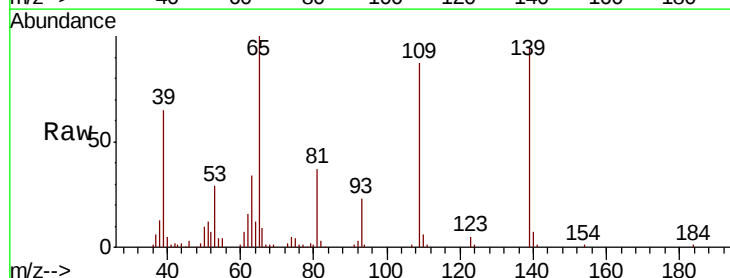
Instrument :
BNA_G
ClientSampleId :

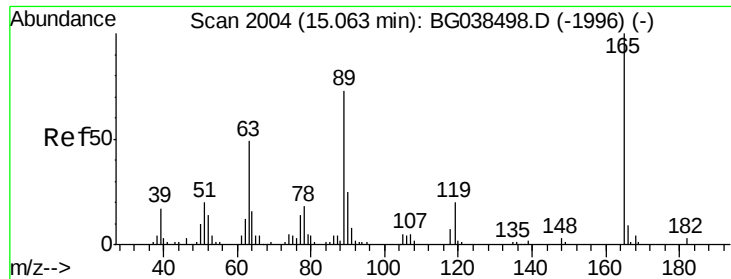
Tot Ion:168 Resp: 238436
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 91.248 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:139 Resp: 76427
Ion Ratio Lower Upper
139 100
109 91.7 73.6 113.6
65 105.1 84.8 124.8

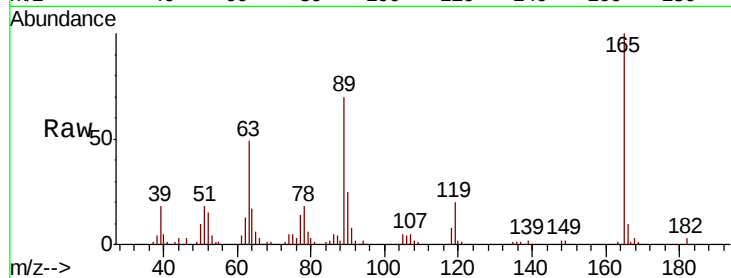




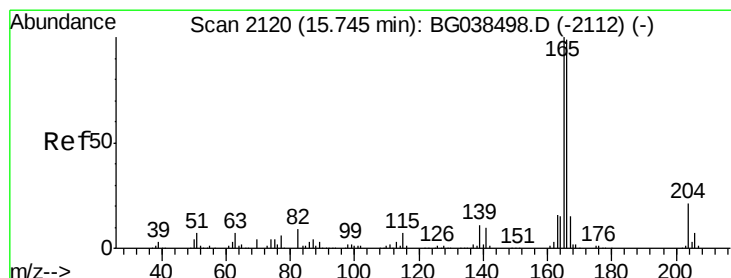
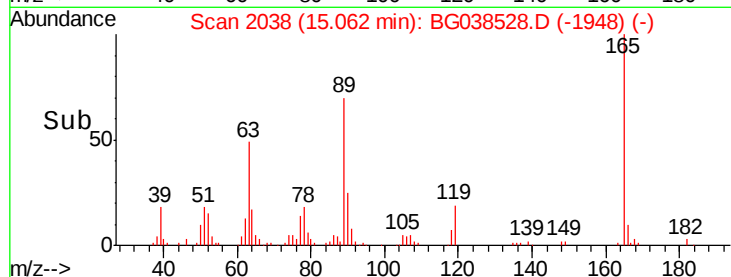
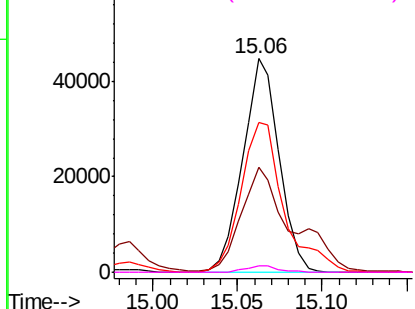
#57
2,4-Dinitrotoluene
Concen: 43.742 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 66727
Ion Ratio Lower Upper
165 100
63 49.2 39.0 58.4
89 70.4 58.0 87.0
182 3.1 2.3 3.5

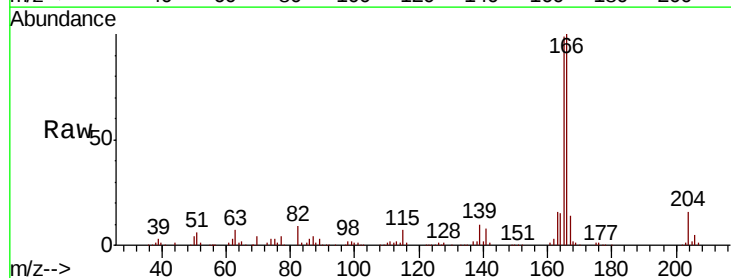


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

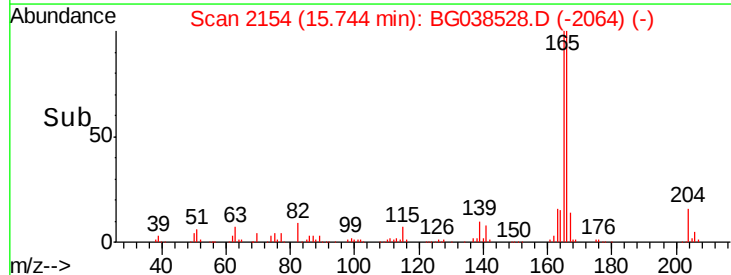
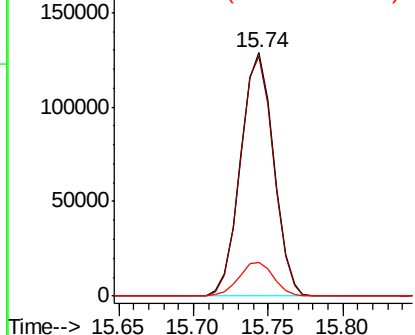


#58
Fluorene
Concen: 45.918 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:166 Resp: 197565
Ion Ratio Lower Upper
166 100
165 98.7 80.6 120.8
167 14.1 12.0 18.0



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

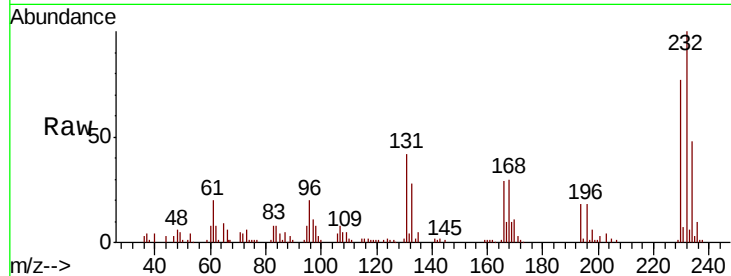




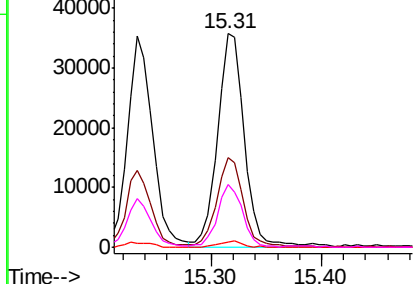
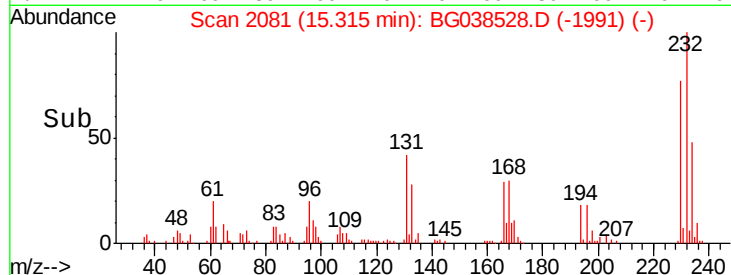
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.694 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	61110
Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.0	49.4
130	2.6	2.0	3.0
166	27.1	23.1	34.7

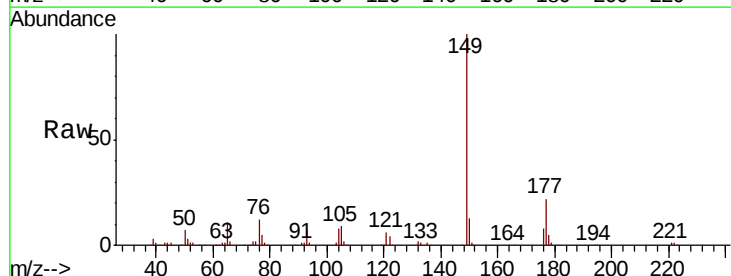


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

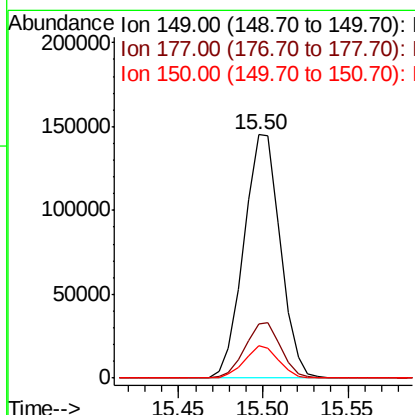
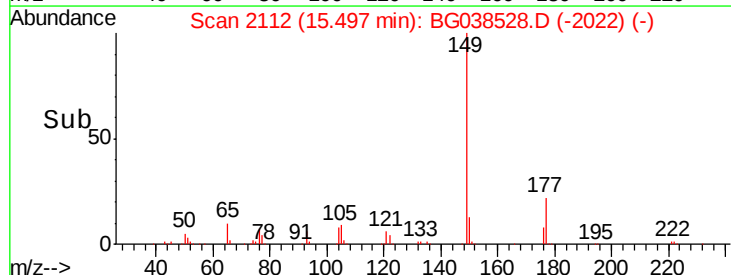


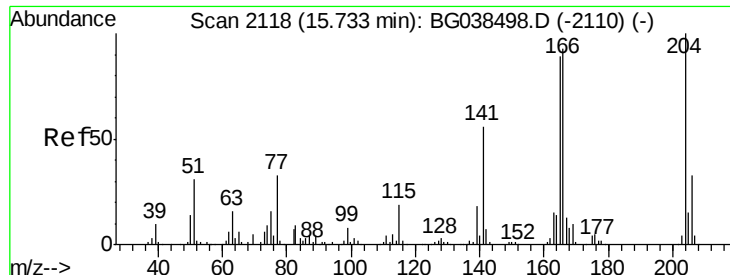
#60
 Diethylphthalate
 Concen: 41.638 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:	149	Resp:	218463
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	13.2	9.9	14.9



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

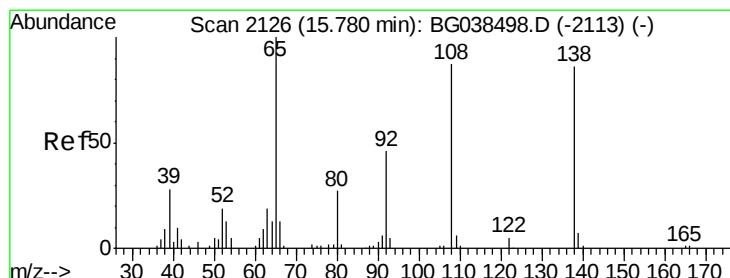
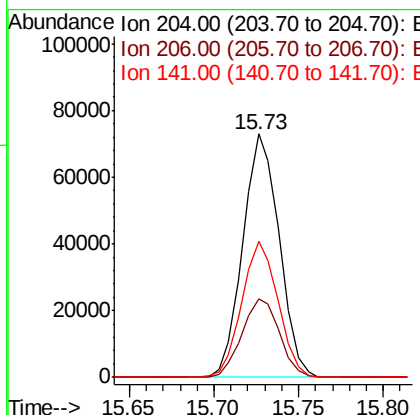
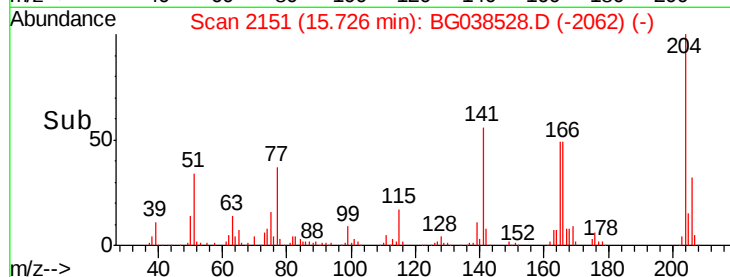
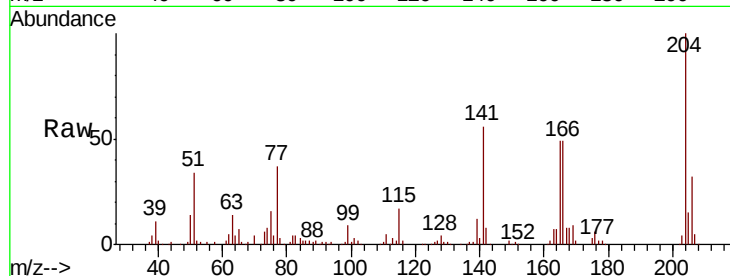




#61
 4-Chlorophenyl-phenylether
 Concen: 40.548 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

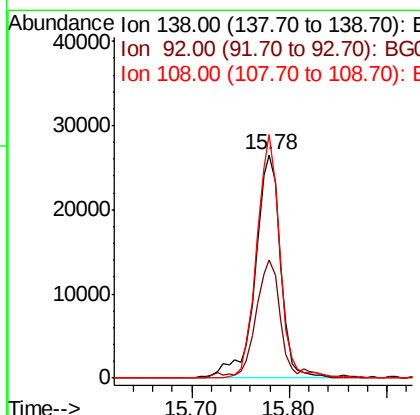
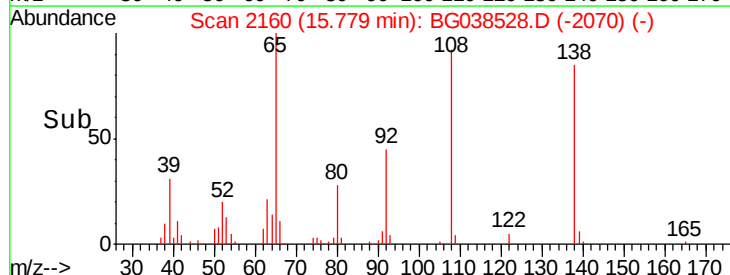
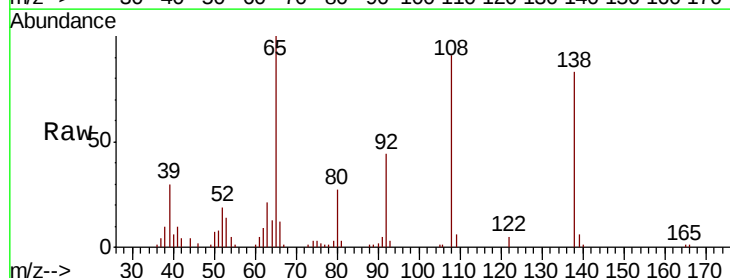
Instrument :
 BNA_G
 ClientSampled :

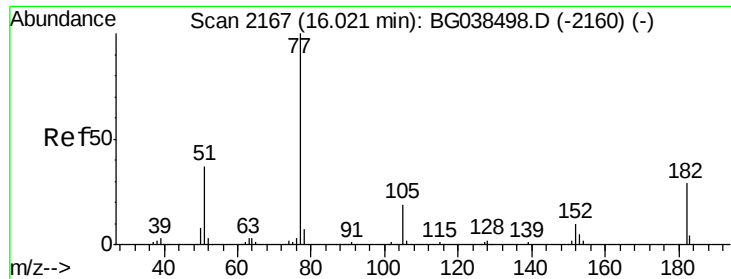
Tot Ion:204 Resp: 108851
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.0 39.0
 141 56.0 44.4 66.6



#62
 4-Nitroaniline
 Concen: 42.277 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:138 Resp: 48055
 Ion Ratio Lower Upper
 138 100
 92 52.8 33.3 73.3
 108 109.0 81.4 121.4

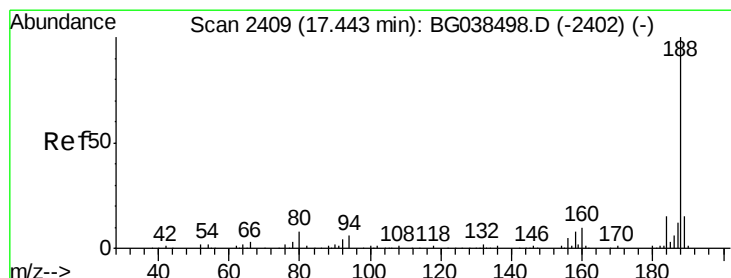
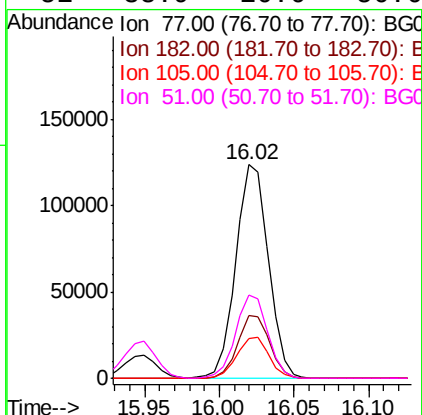
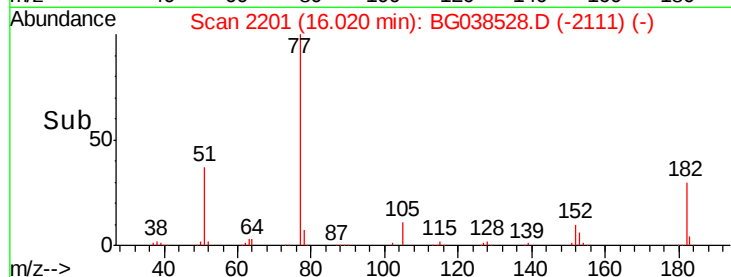
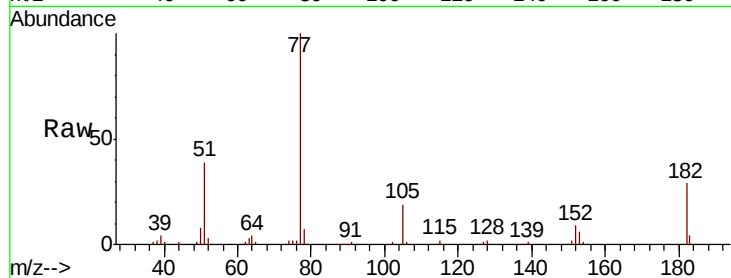




#63
Azobenzene
Concen: 42.774 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

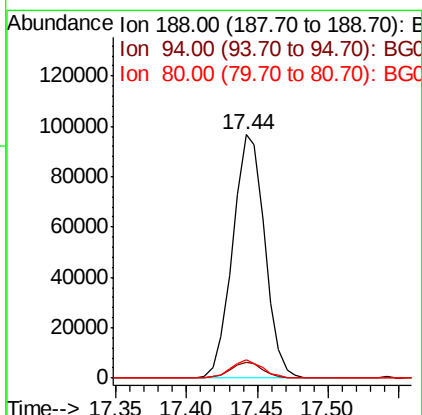
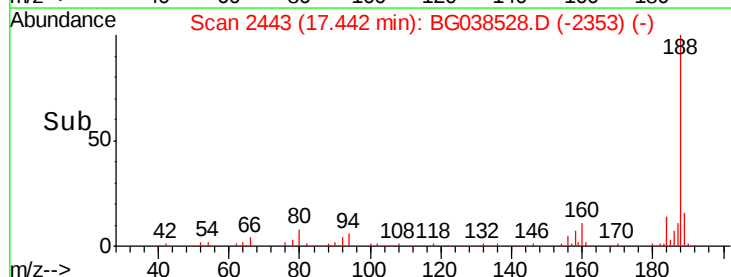
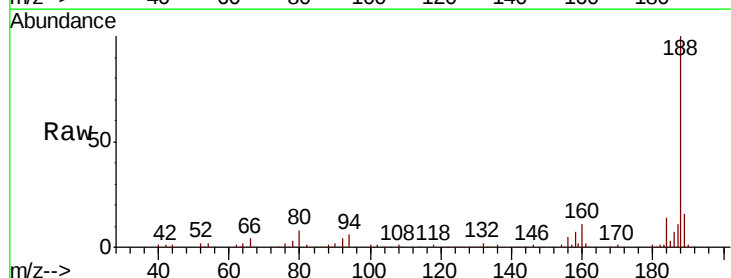
Instrument :
BNA_G
ClientSampleId :

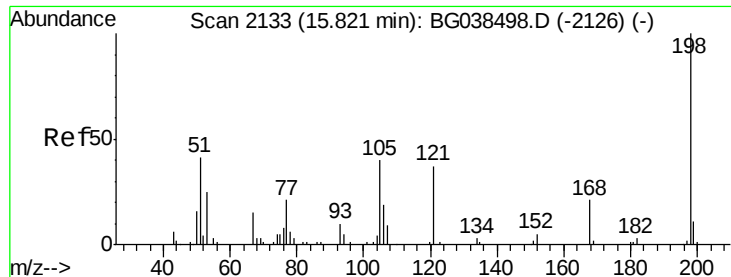
Tot Ion: 77 Resp: 187478
Ion Ratio Lower Upper
77 100
182 29.1 8.7 48.7
105 18.7 0.0 38.7
51 38.9 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 188 Resp: 152782
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.6 6.1 9.1

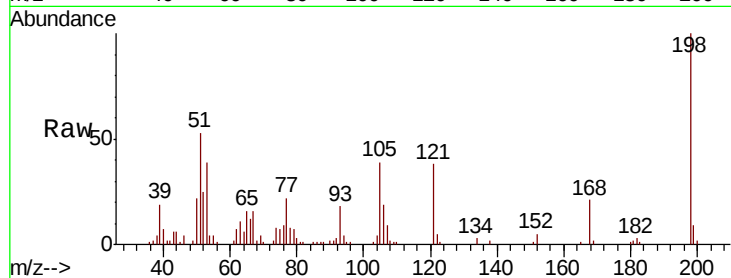




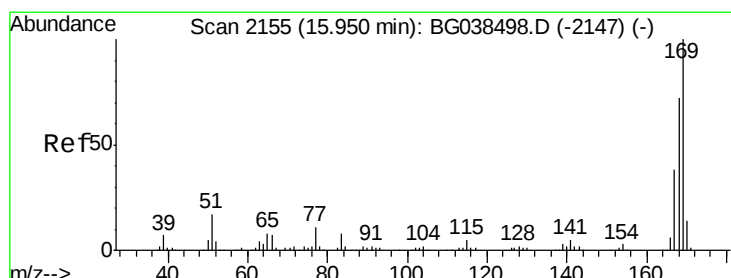
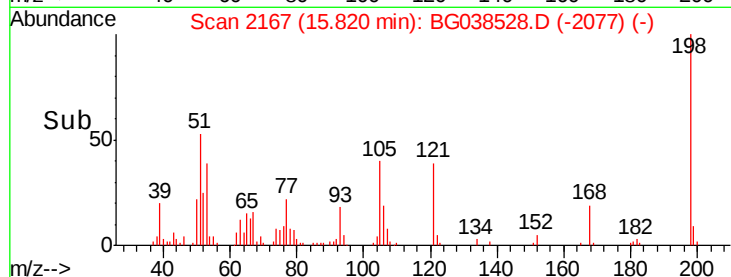
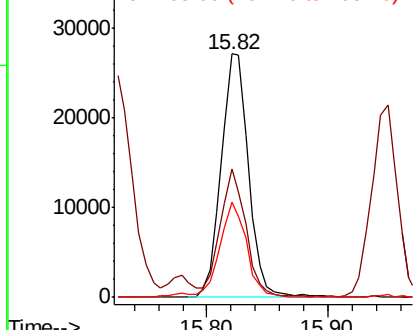
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.905 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 42401
 Ion Ratio Lower Upper
 198 100
 51 52.7 28.6 68.6
 105 39.3 20.4 60.4

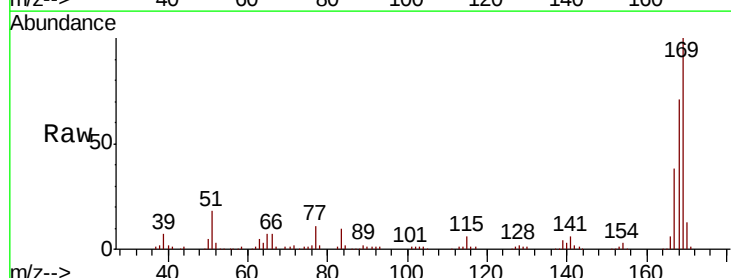


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

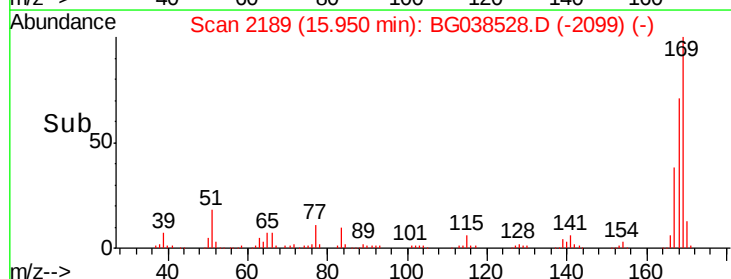
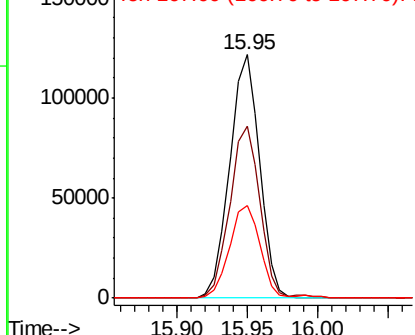


#66
 n-Nitrosodiphenylamine
 Concen: 39.984 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:169 Resp: 179492
 Ion Ratio Lower Upper
 169 100
 168 70.5 57.5 86.3
 167 38.0 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

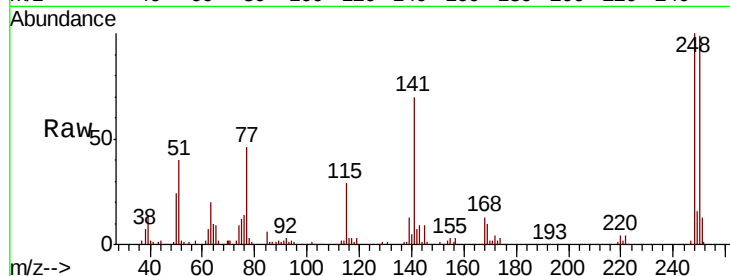




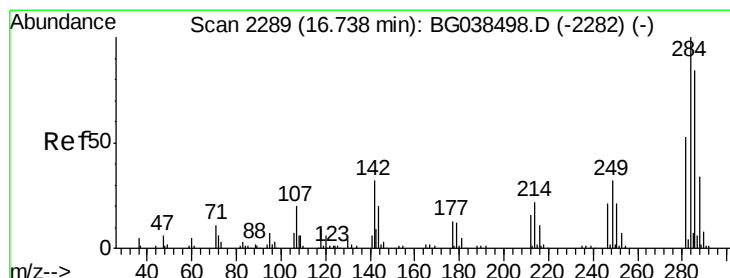
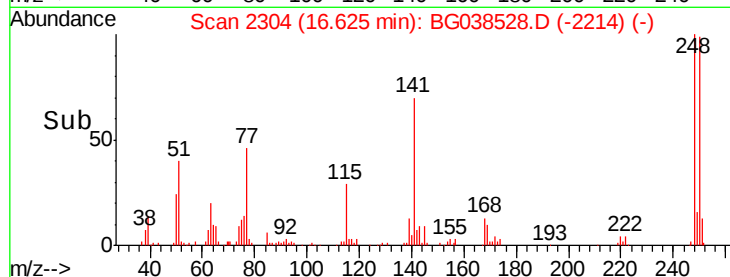
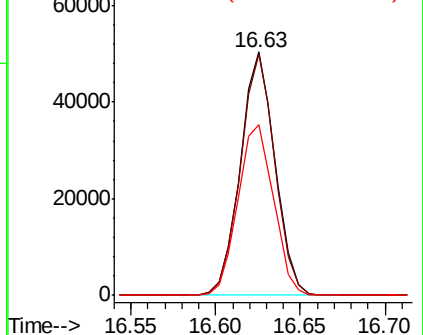
#67
 4-Bromophenyl-phenylether
 Concen: 38.385 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 71622
 Ion Ratio Lower Upper
 248 100
 250 98.7 73.4 110.2
 141 70.1 52.9 79.3

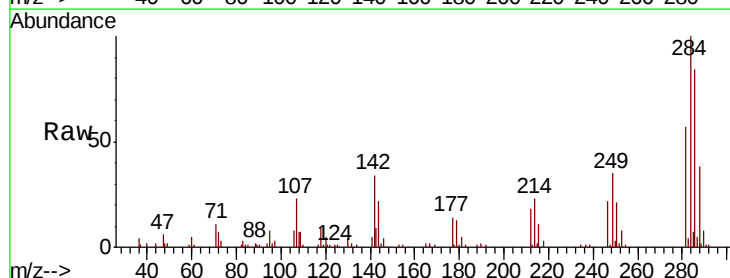


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

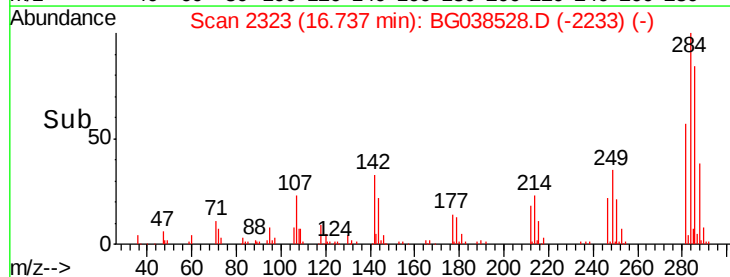
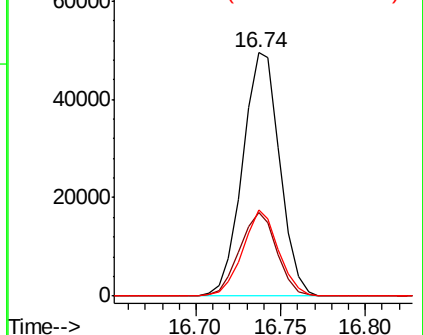


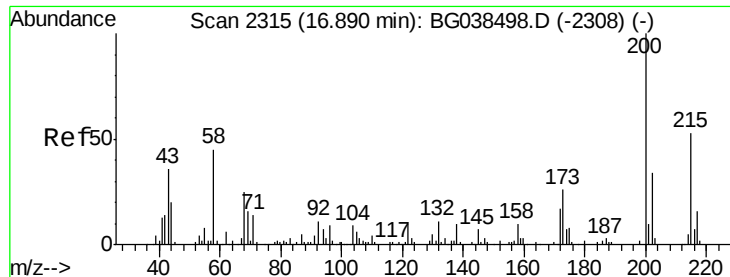
#68
 Hexachlorobenzene
 Concen: 39.106 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:284 Resp: 75639
 Ion Ratio Lower Upper
 284 100
 142 34.3 25.8 38.6
 249 37.7 27.0 40.4



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

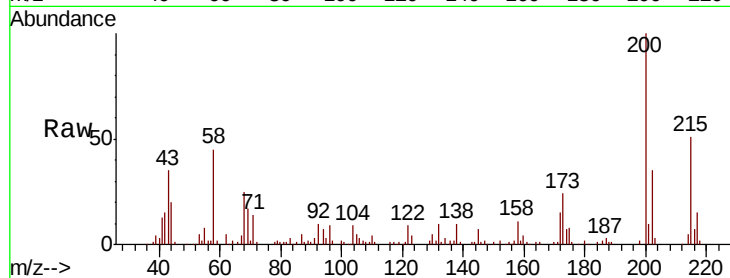




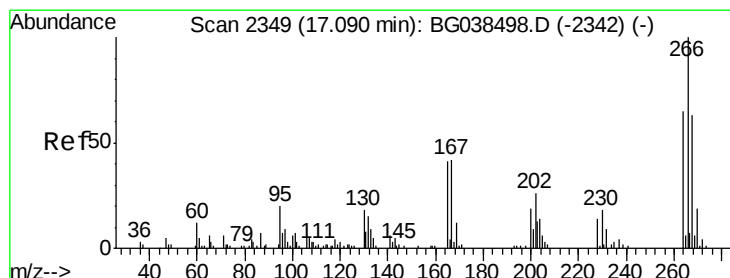
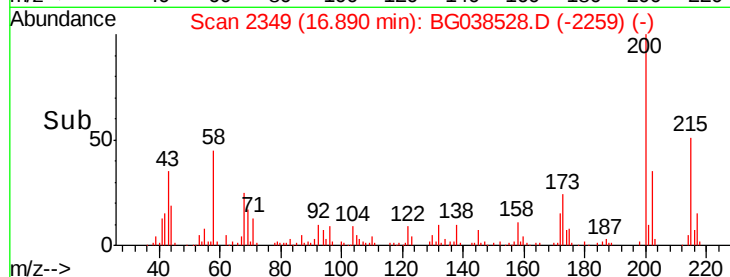
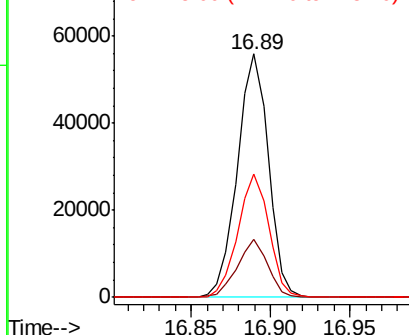
#69
 Atrazine
 Concen: 45.570 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 75918
 Ion Ratio Lower Upper
 200 100
 173 23.9 5.9 45.9
 215 50.6 33.1 73.1

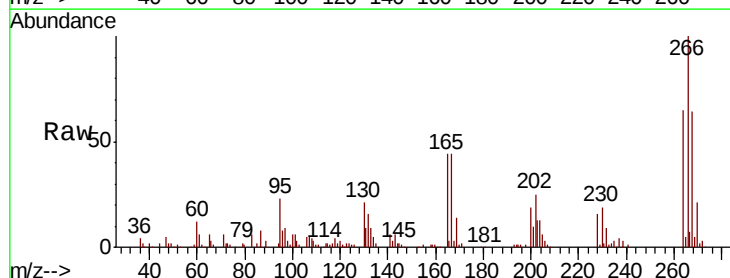


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

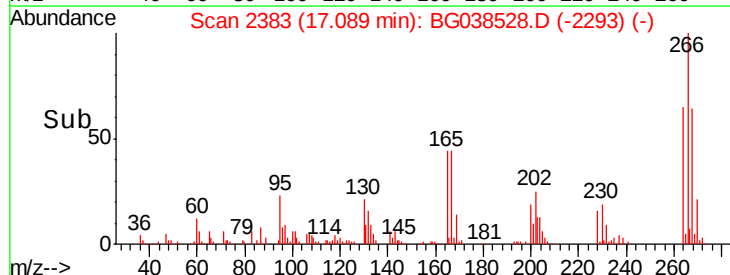
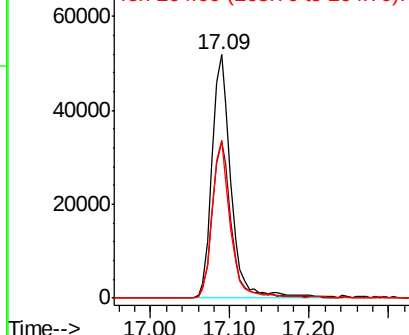


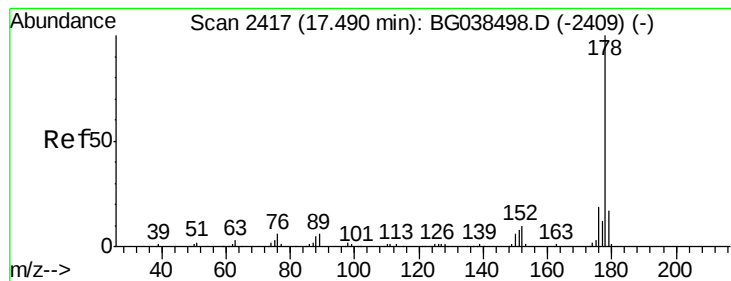
#70
 Pentachlorophenol
 Concen: 75.759 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:266 Resp: 86673
 Ion Ratio Lower Upper
 266 100
 268 68.9 55.0 82.6
 264 64.7 56.7 85.1



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: 44.087 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

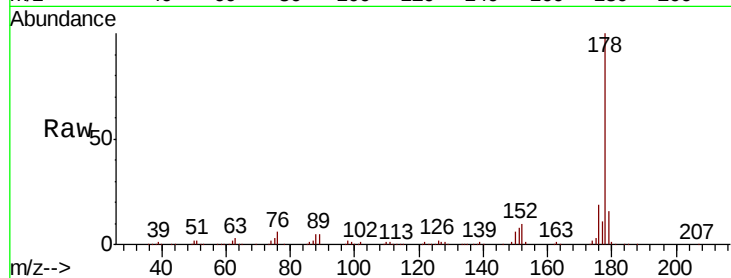
Tot Ion:178 Resp: 349289

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

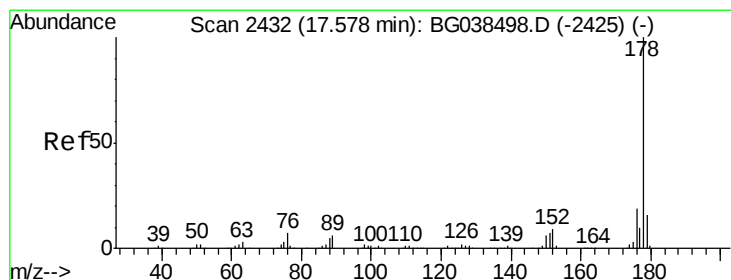
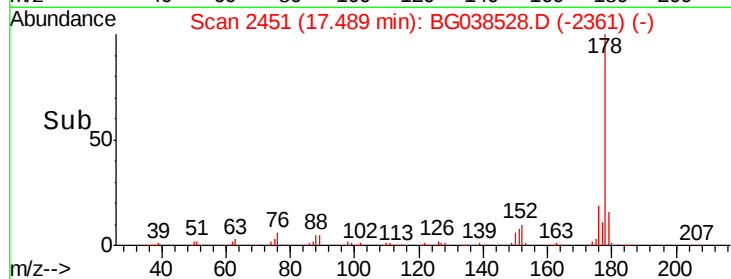
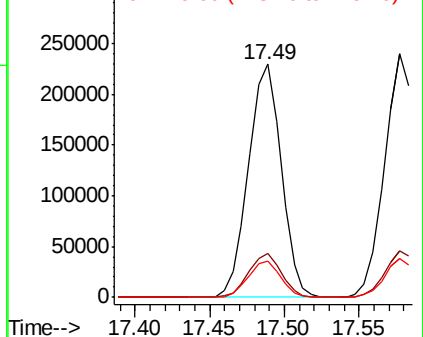
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.661 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

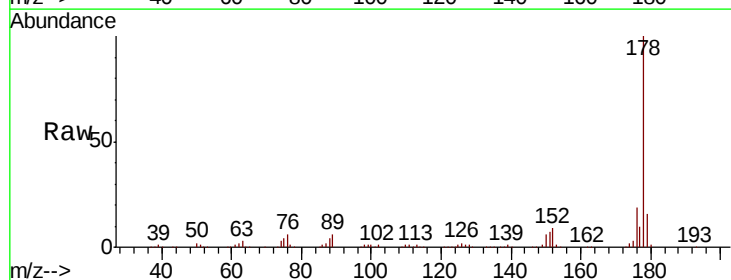
Tgt Ion:178 Resp: 357137

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

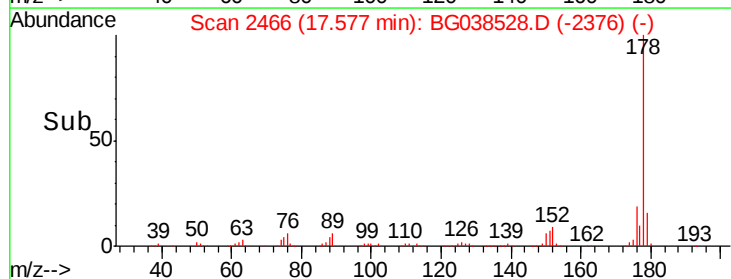
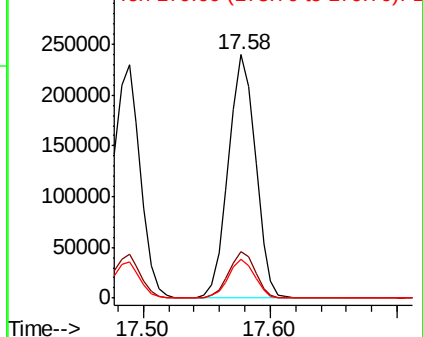
179 15.7 12.9 19.3

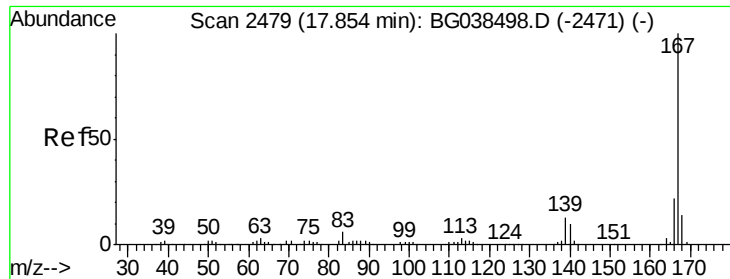


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

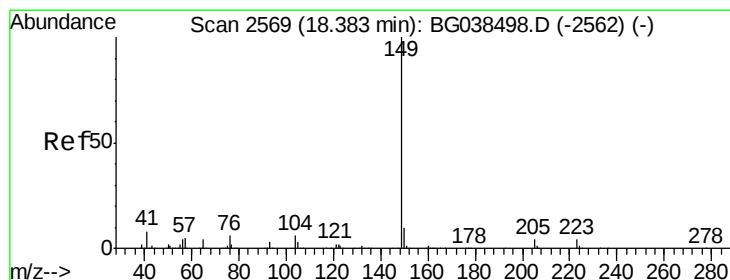
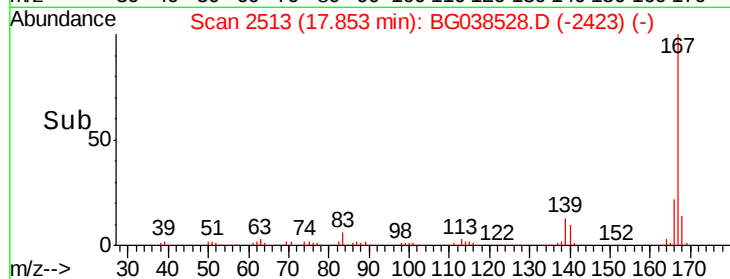
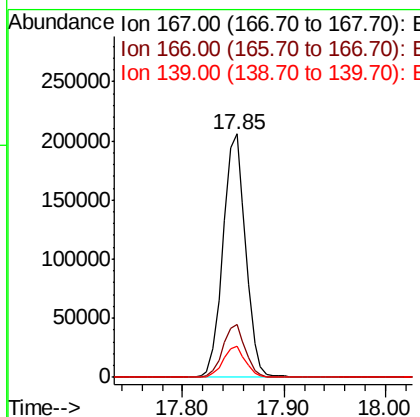
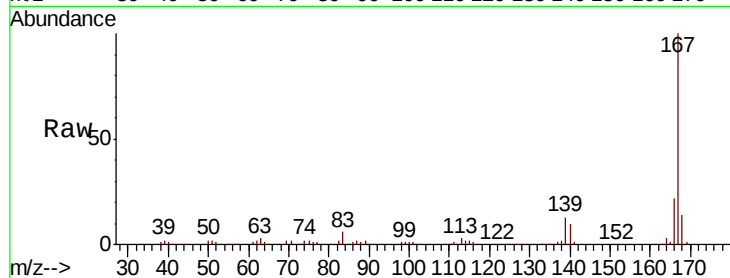




#73
 Carbazole
 Concen: 41.119 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

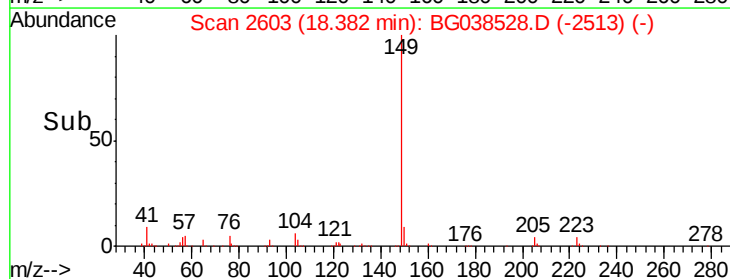
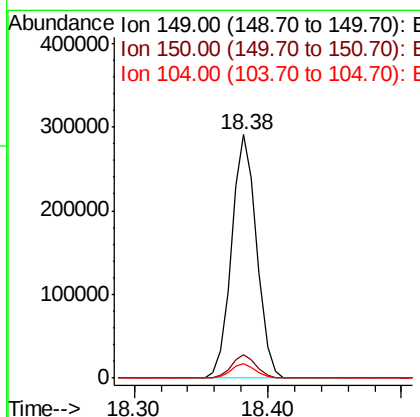
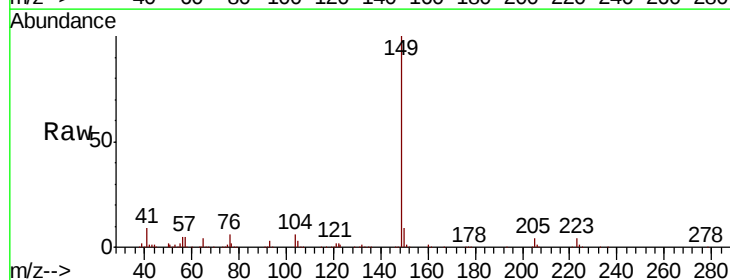
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 42.807 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.8	5.0	7.4

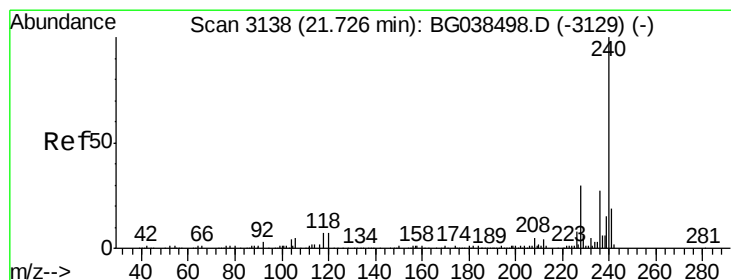
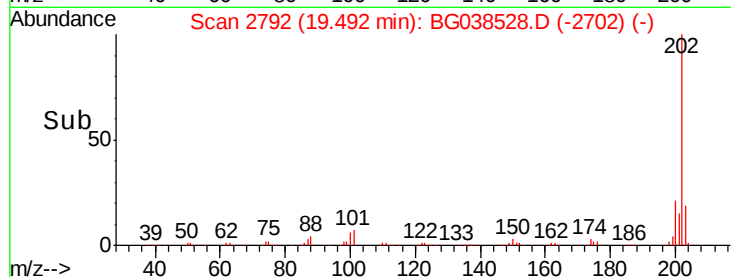
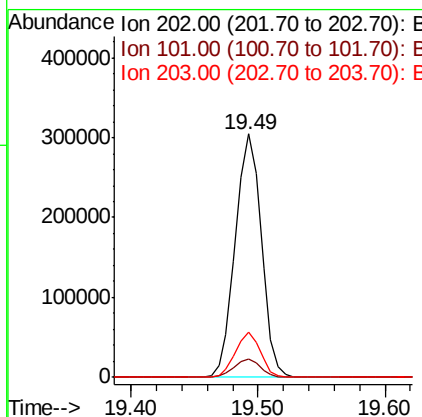
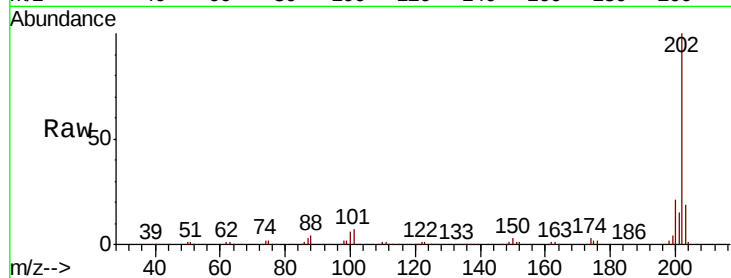




#75
 Fluoranthene
 Concen: 44.171 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

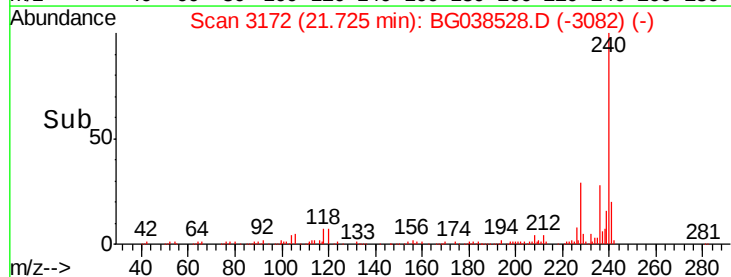
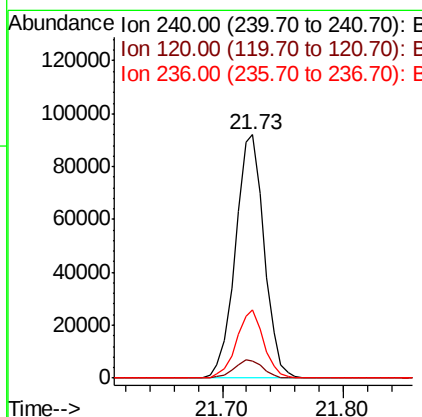
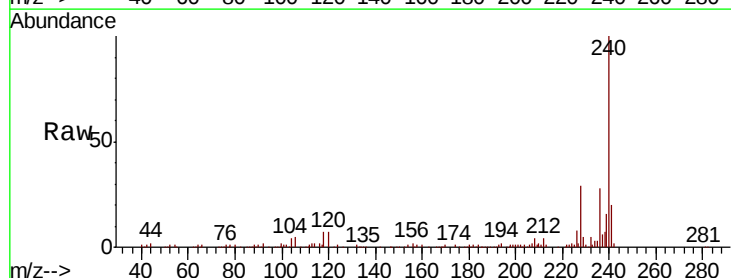
Instrument :
 BNA_G
 ClientSampleId :

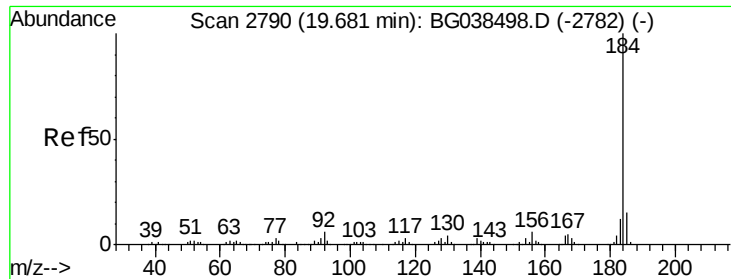
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.1
203	18.6	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.3	7.9
236	27.8	21.4	32.2





#77

Benzidine

Concen: 29.175 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

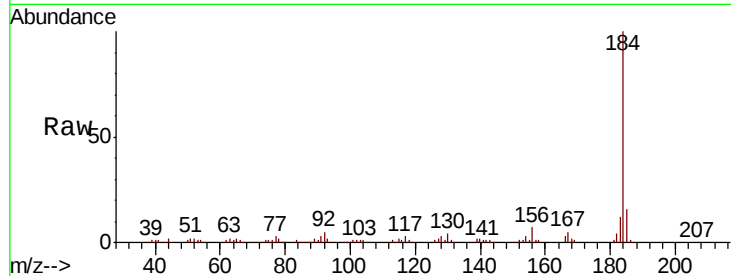
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 131757

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	11.8	9.6	14.4

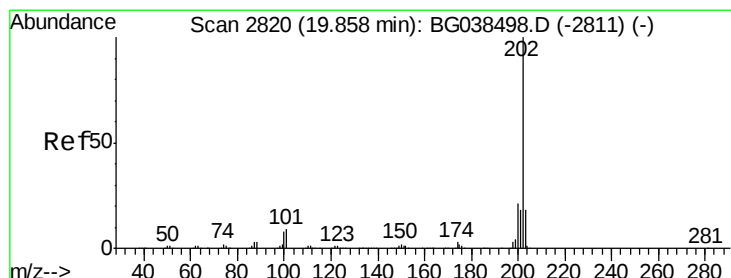
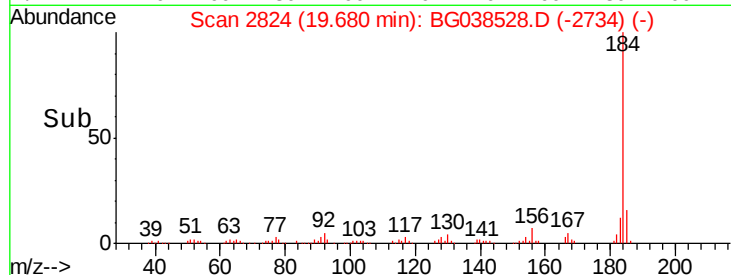
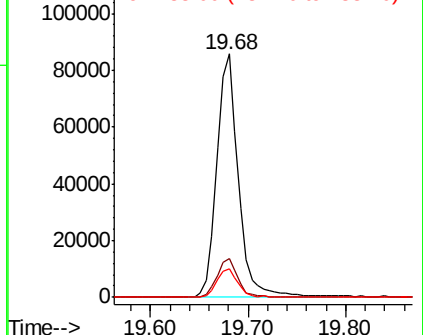


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.889 ng

RT: 19.86 min Scan# 2854

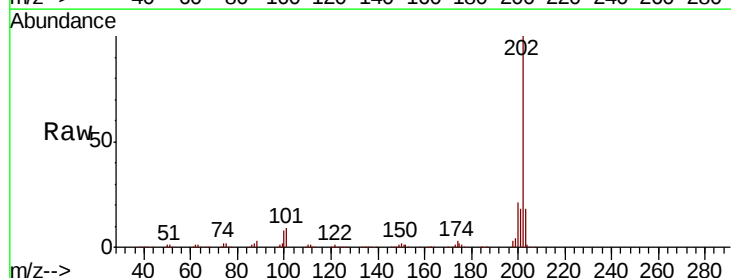
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:202 Resp: 432661

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.6	21.8

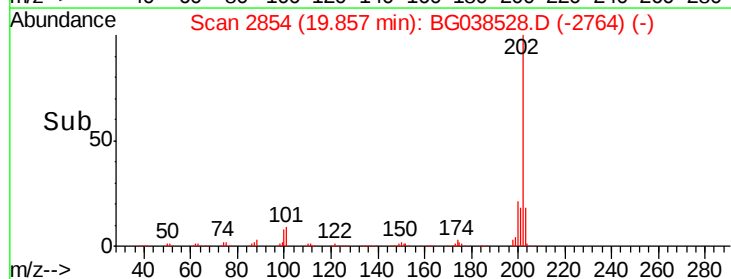
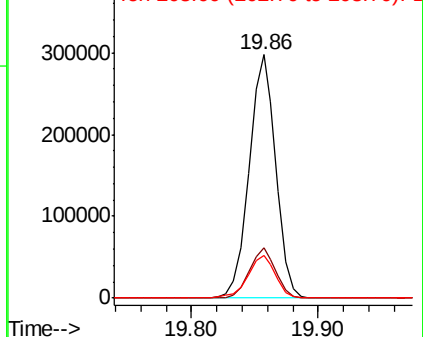


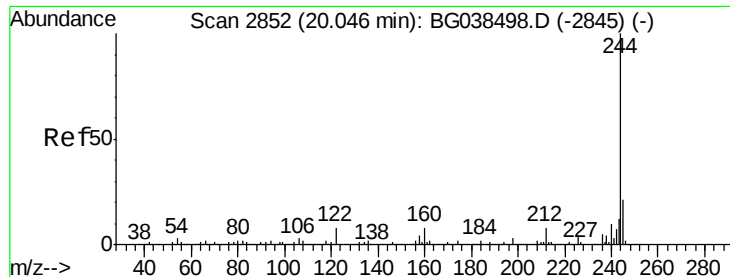
Abundance

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: 90.908 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

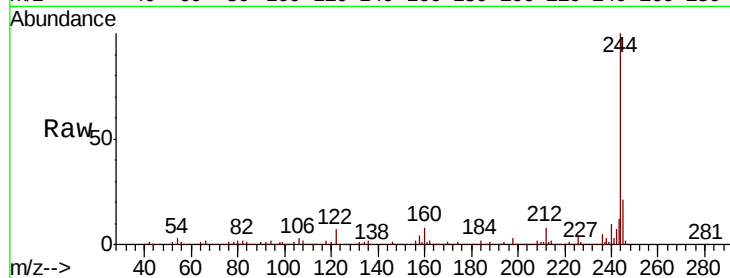
Tot Ion:244 Resp: 637856

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

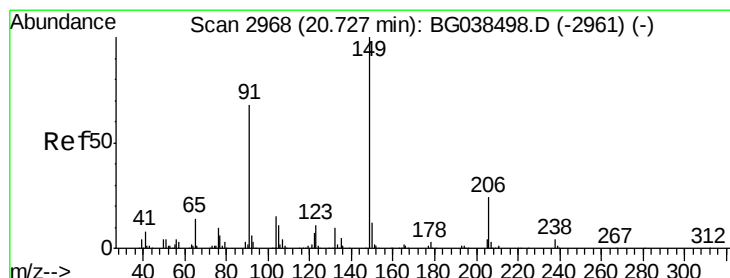
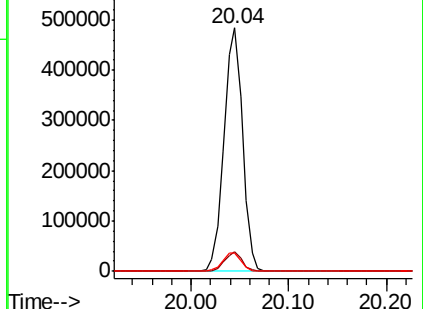
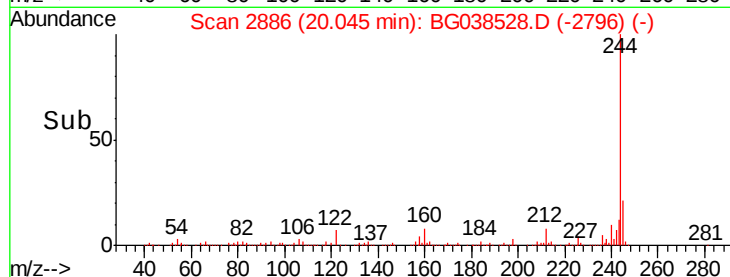
122 7.4 6.3 9.5



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: 43.208 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

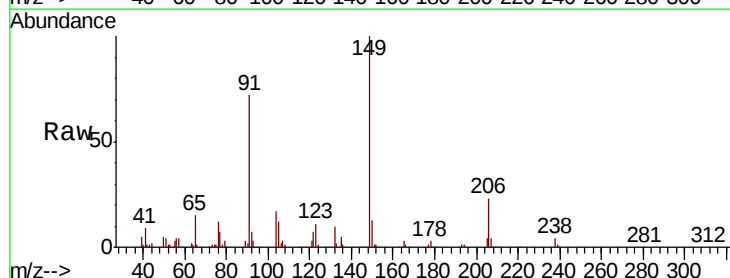
Tgt Ion:149 Resp: 170291

Ion Ratio Lower Upper

149 100

91 72.3 54.5 81.7

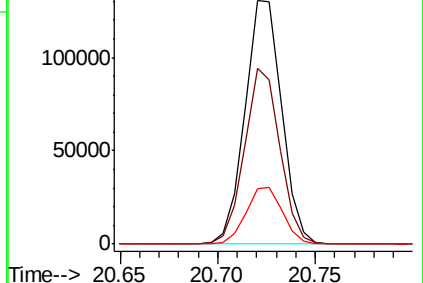
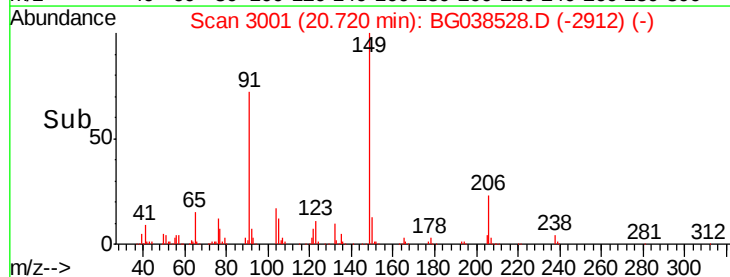
206 22.9 19.0 28.6



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: 45.347 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

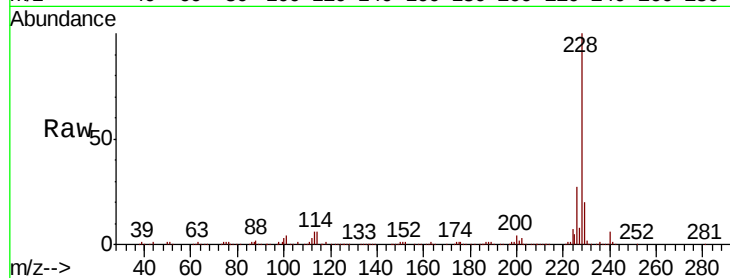
Tot Ion:228 Resp: 421947

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	20.3	15.8	23.6

228 100

226 26.9 21.8 32.8

229 20.3 15.8 23.6

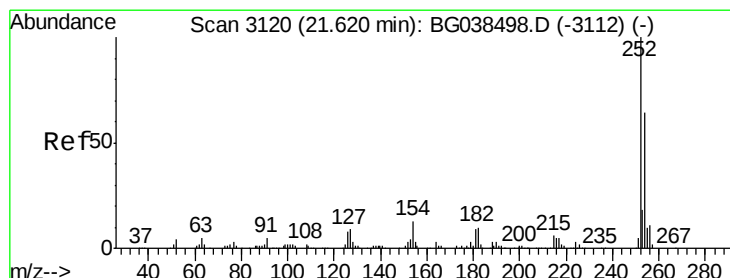
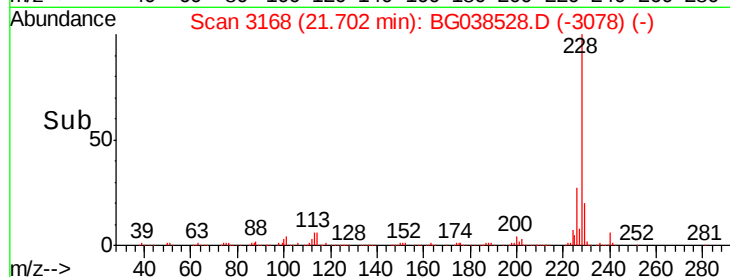
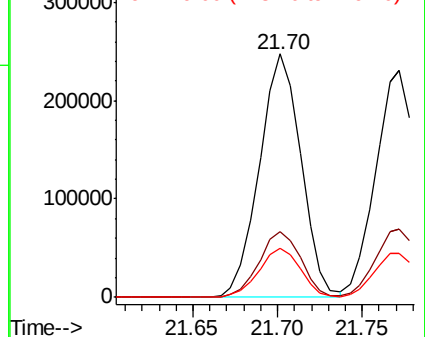


Abundance

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: 19.726 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

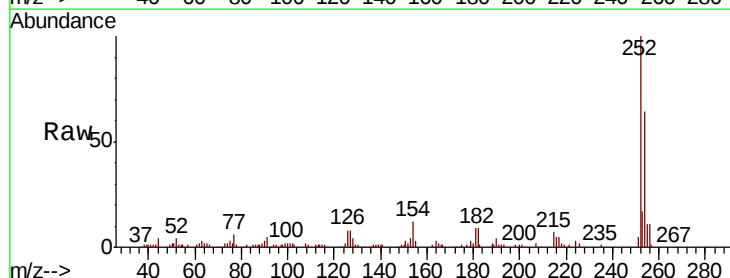
Tgt Ion:252 Resp: 72795

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.9	76.3
126	7.8	6.3	9.5

252 100

254 64.2 50.9 76.3

126 7.8 6.3 9.5

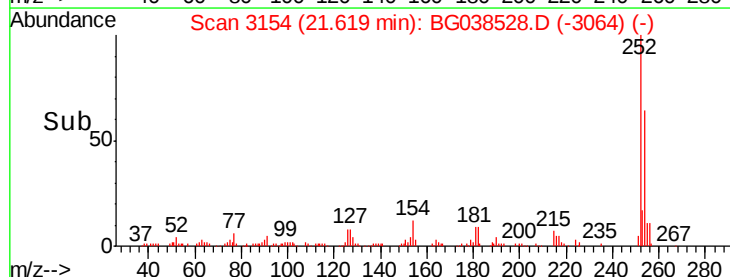
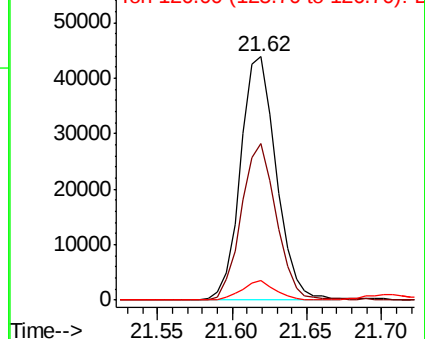


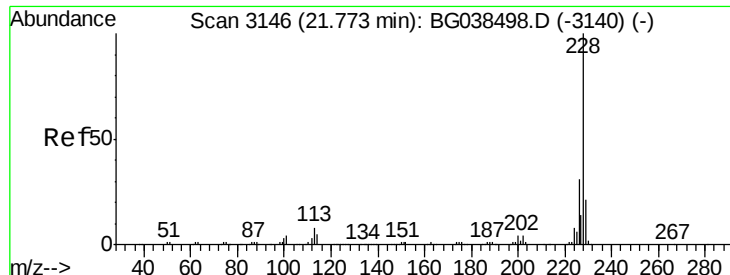
Abundance

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

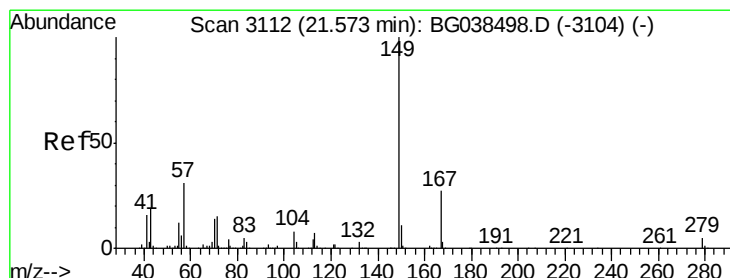
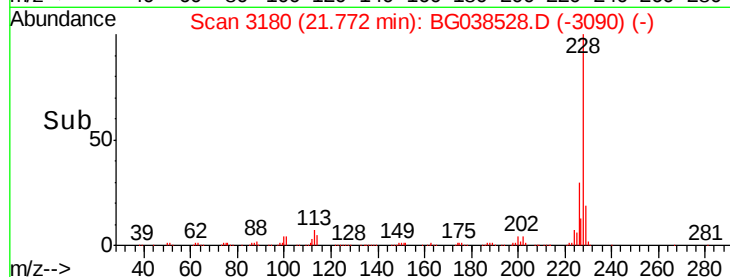
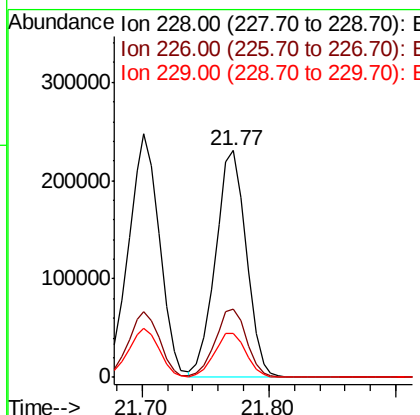
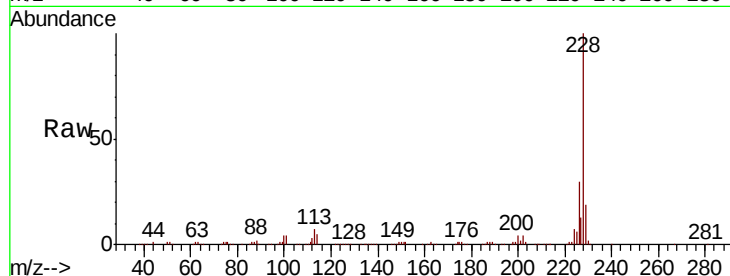




#83
 Chrysene
 Concen: 43.312 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

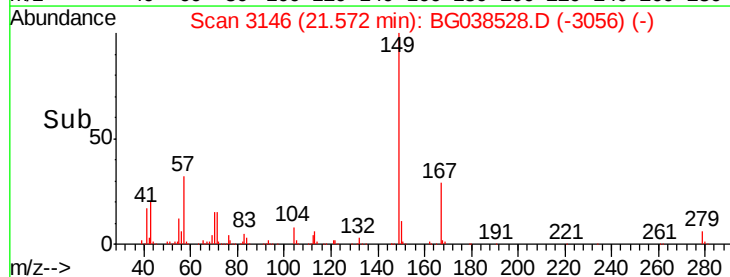
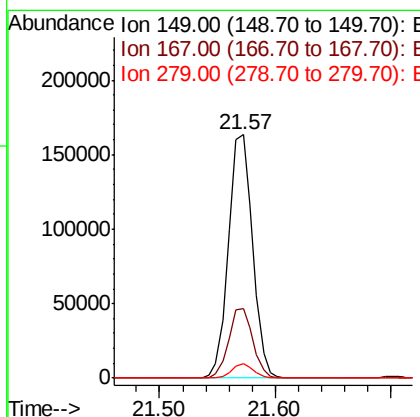
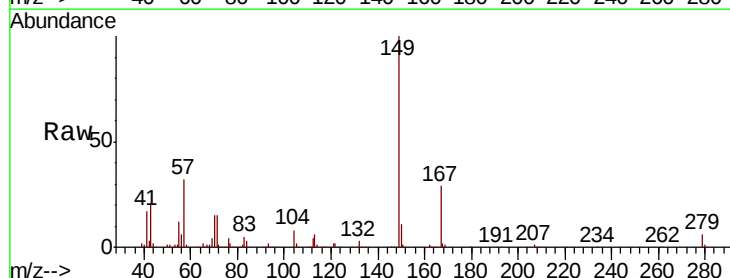
Instrument :
 BNA_G
 ClientSampleId :

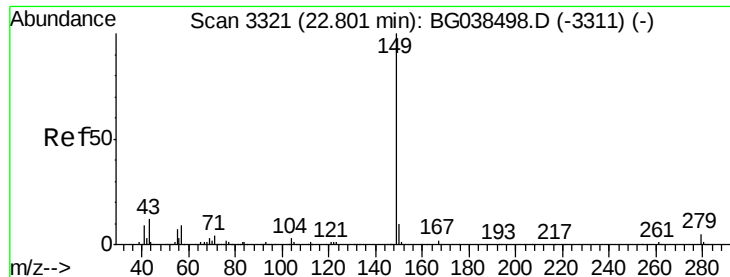
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	19.4	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.292 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.9	32.9
279	6.1	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 43.589 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038528.D

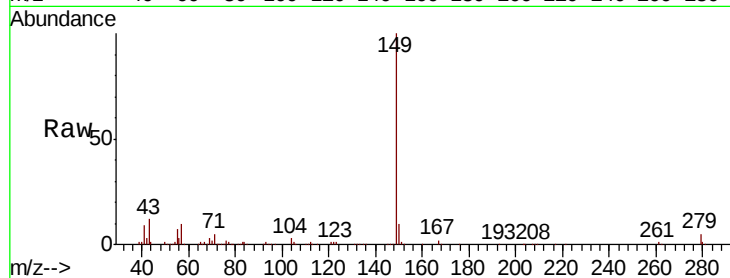
Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

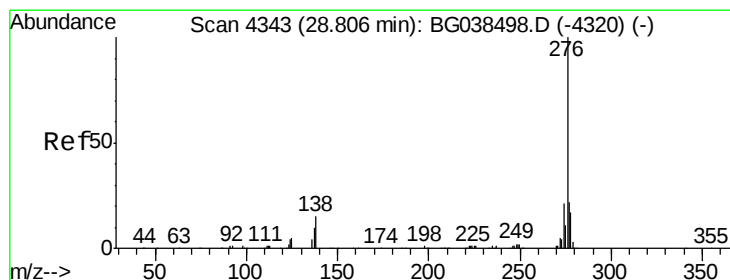
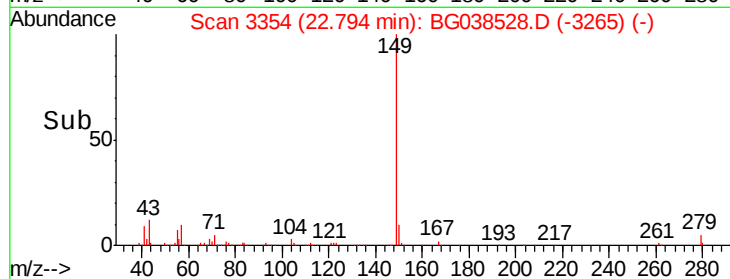
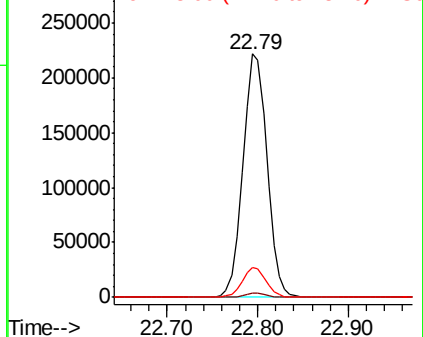
Tot Ion:149	Resp:	408053
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.2 1.8
43	12.1	9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.817 ng

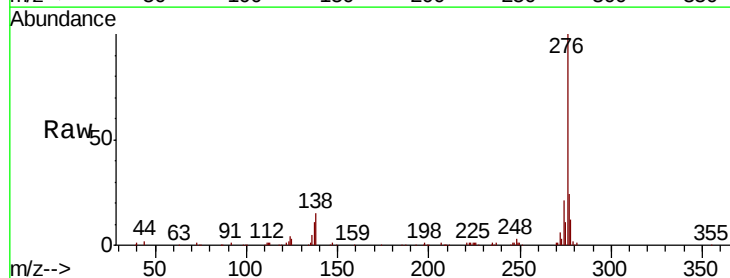
RT: 28.79 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

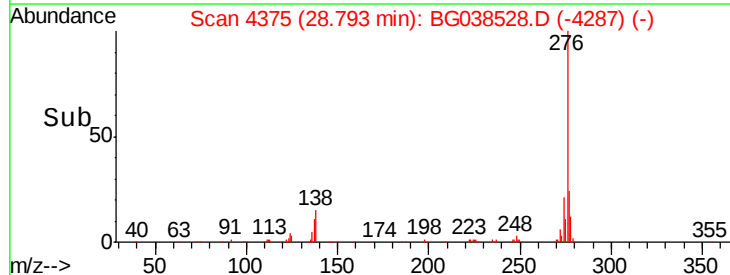
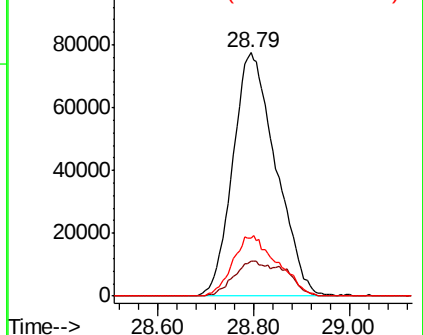
Tgt Ion:276	Resp:	482767
Ion Ratio	Lower	Upper
276	100	
138	12.0	14.4 21.6#
277	25.4	0.0 0.0#

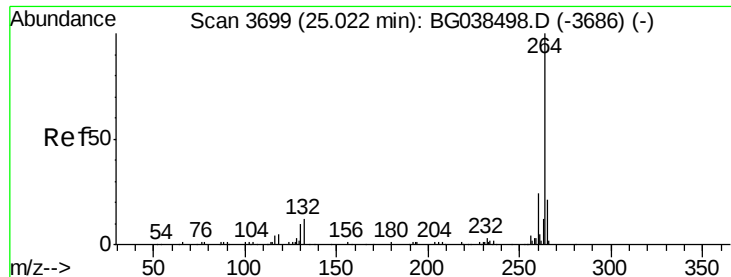


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

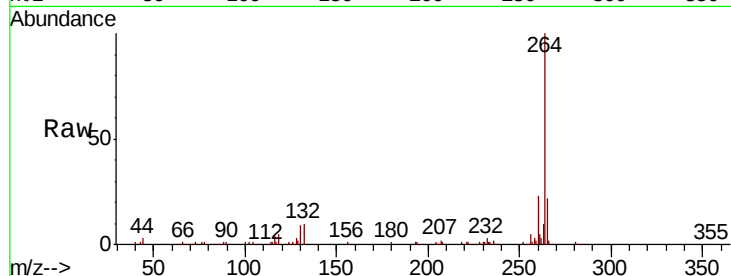
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 166720

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	21.8	17.0	25.4

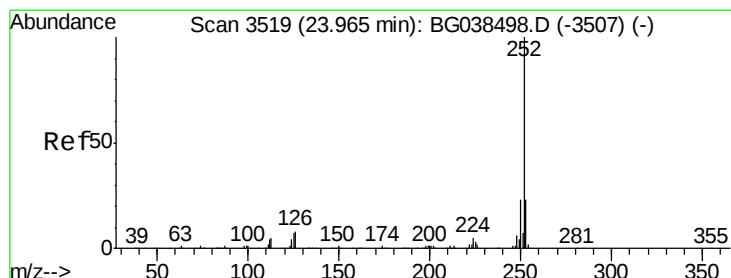
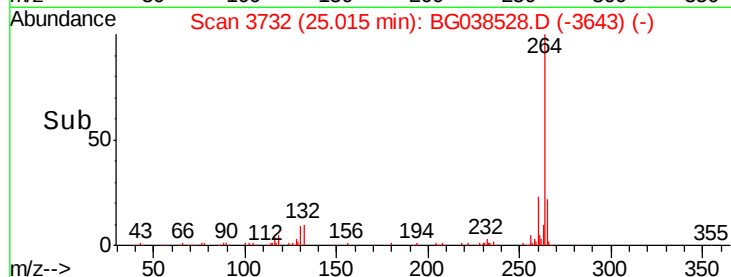
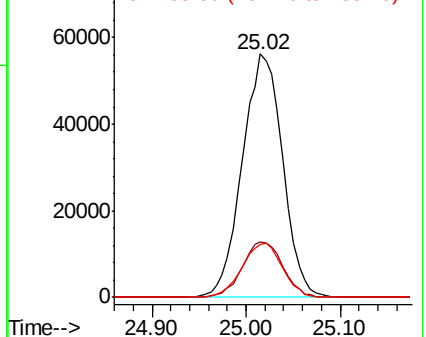


Abundance

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: 46.100 ng

RT: 23.96 min Scan# 3553

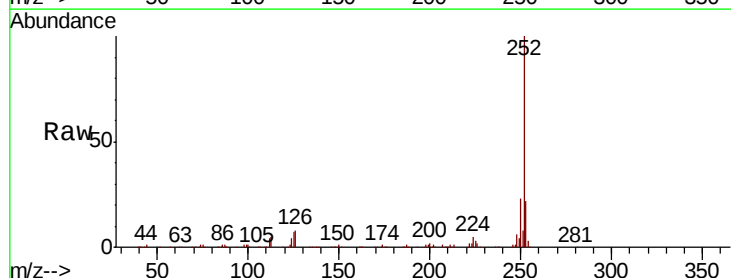
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:252 Resp: 421985

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	7.4	5.5	8.3

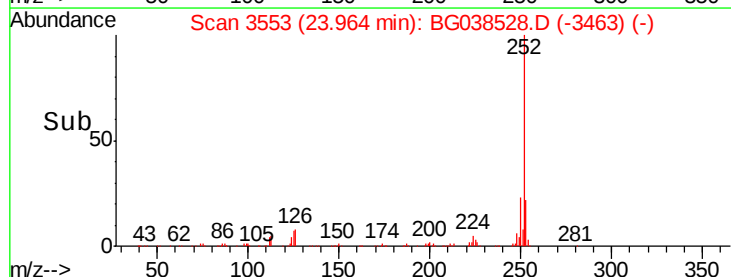
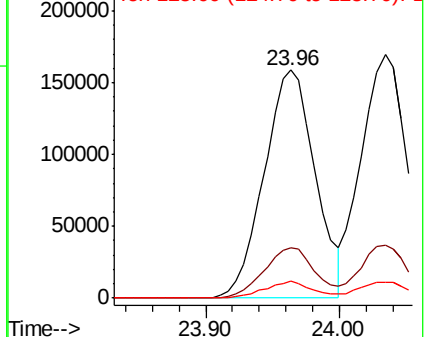


Abundance

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

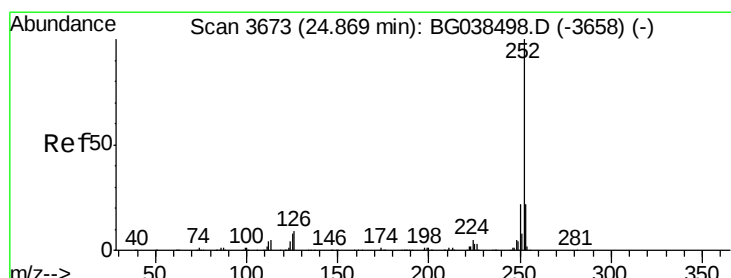
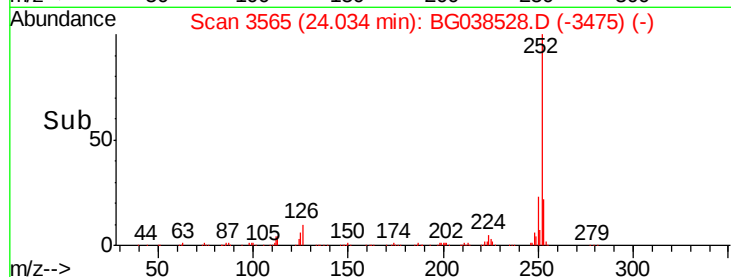
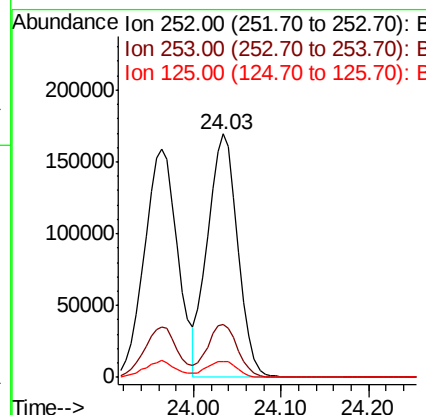
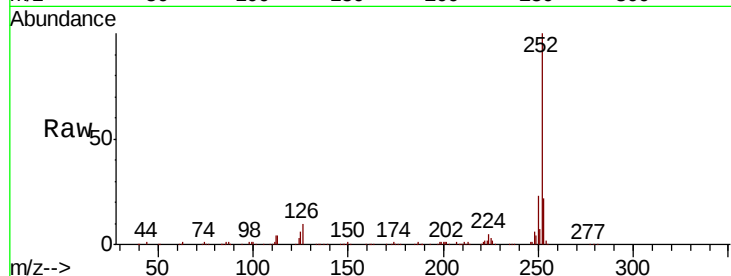




#89
Benzo(k)fluoranthene
Concen: 44.678 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

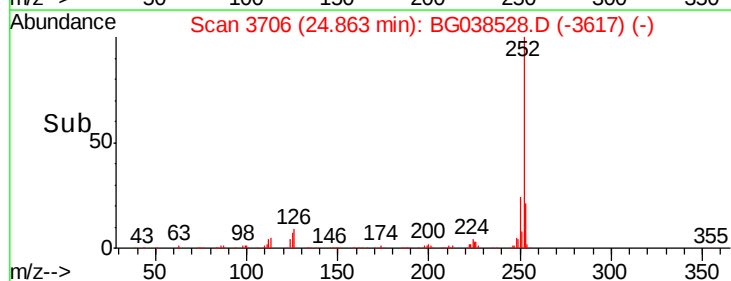
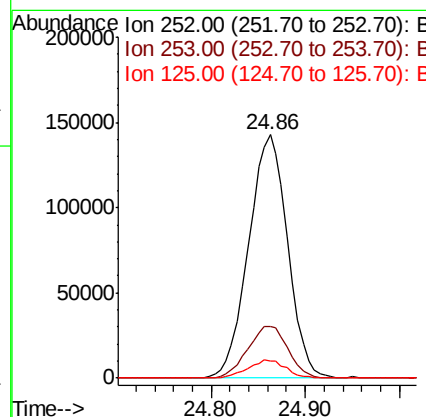
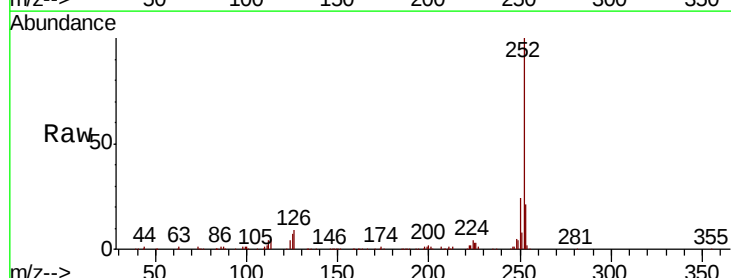
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 407240
Ion Ratio Lower Upper
252 100
253 21.9 18.9 28.3
125 6.5 5.4 8.2



#90
Benzo(a)pyrene
Concen: 46.360 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:252 Resp: 409395
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 6.9 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 45.983 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

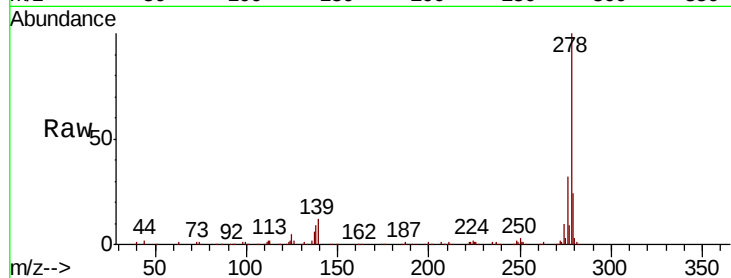
Tot Ion:278 Resp: 404309

Ion Ratio Lower Upper

278 100

139 12.1 8.6 12.8

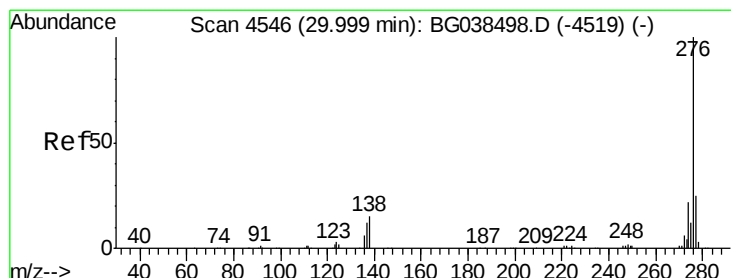
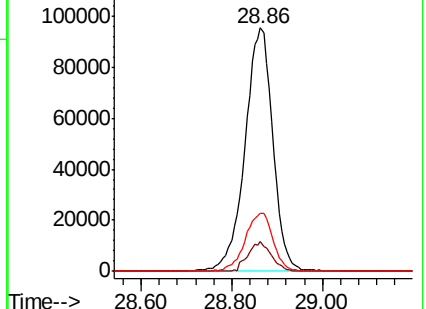
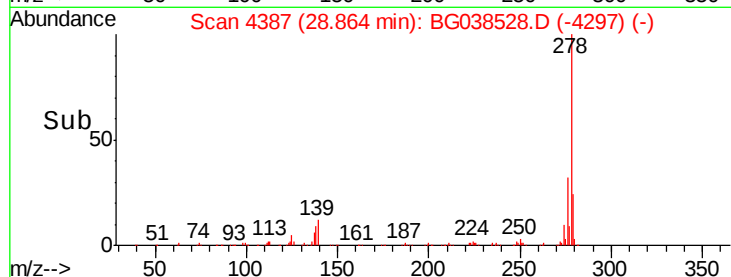
279 23.7 19.0 28.6



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: 46.594 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

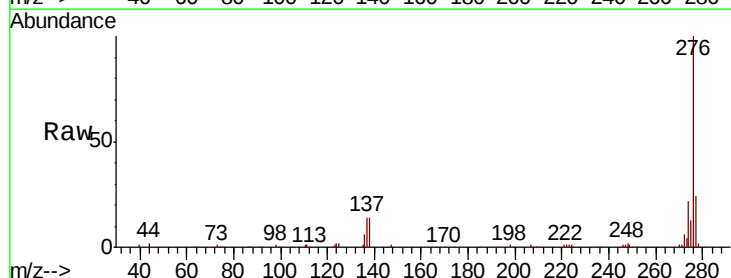
Tgt Ion:276 Resp: 403741

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 14.2 11.8 17.6



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

