

Data File : BG036621.D
Acq On : 8 Sep 2018 7:20
Operator : JU/SJ
Sample : J4774-02MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

Quant Time: Sep 10 01:08:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51444	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	222270	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152077	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	401187	20.00	ng	0.00
75) Chrysene-d12	21.69	240	409383	20.00	ng	0.00
86) Perylene-d12	24.90	264	427889	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	344647	106.27	ng	0.00
7) Phenol-d6	7.21	99	439495	94.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	337293	82.33	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	234809	129.40	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	767736	72.08	ng	0.00
78) Terphenyl-d14	20.03	244	1409006	80.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	47364	31.295	ng	# 85
3) Pyridine	3.94	79	135834	31.974	ng	97
4) n-Nitrosodimethylamine	3.85	42	73423	38.803	ng	98
6) Aniline	7.38	93	132405	22.465	ng	98
8) 2-Chlorophenol	7.62	128	151672	43.127	ng	95
9) Benzaldehyde	7.19	77	82749	25.880	ng	98
10) Phenol	7.24	94	175085	36.033	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	150995	39.197	ng	98
12) 1,3-Dichlorobenzene	7.95	146	156177	38.891	ng	97
13) 1,4-Dichlorobenzene	8.09	146	158198	39.019	ng	97
14) 1,2-Dichlorobenzene	8.41	146	150128	38.772	ng	97
15) Benzyl Alcohol	8.29	79	151674	40.521	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	286856	36.925	ng	97
17) 2-Methylphenol	8.49	107	135360	41.953	ng	98
18) Hexachloroethane	9.14	117	58848	40.483	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	127388	36.710	ng	97
20) 3+4-Methylphenols	8.82	107	189482	42.065	ng	98
22) Acetophenone	8.87	105	240883	41.270	ng	99
24) Nitrobenzene	9.26	77	194445	44.017	ng	97
25) Isophorone	9.78	82	367268	45.129	ng	97
26) 2-Nitrophenol	9.97	139	85640	48.923	ng	97
27) 2,4-Dimethylphenol	10.03	122	156162	48.185	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	214138	42.874	ng	99
29) 2,4-Dichlorophenol	10.50	162	170861	48.105	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	170483	41.030	ng	99
31) Naphthalene	10.91	128	511688	46.052	ng	99
32) Benzoic acid	10.08	122	9594	8.099	ng	# 78
33) 4-Chloroaniline	11.01	127	36089	7.088	ng	97
34) Hexachlorobutadiene	11.20	225	117348	42.034	ng	96
35) Caprolactam	11.78	113	46471	32.844	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	193363	46.852	ng	97
37) 2-Methylnaphthalene	12.51	142	383800	47.208	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	220198	40.915	ng	99
40) Hexachlorocyclopentadiene	12.86	237	238001	84.995	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	150915	46.034	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	165447	47.315	ng	98
45) 1,1'-Biphenyl	13.52	154	501110	39.696	ng	97
46) 2-Chloronaphthalene	13.56	162	391153	40.589	ng	100
47) 2-Nitroaniline	13.76	65	147397	48.707	ng	99
48) Acenaphthylene	14.40	152	667935	44.348	ng	99
49) Dimethylphthalate	14.13	163	540819	43.551	ng	99
50) 2,6-Dinitrotoluene	14.25	165	122026	47.755	ng	95
51) Acenaphthene	14.74	154	403911	41.874	ng	99
52) 3-Nitroaniline	14.58	138	76465	27.769	ng	# 96
53) 2,4-Dinitrophenol	14.78	184	13800	14.258	ng	91
54) Dibenzofuran	15.08	168	647366	42.838	ng	99
55) 4-Nitrophenol	14.88	139	119860	53.237	ng	98
56) 2,4-Dinitrotoluene	15.04	165	172810	51.890	ng	88
57) Fluorene	15.73	166	528818	46.810	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	152129	46.306	ng	96
59) Diethylphthalate	15.50	149	544880	43.539	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	298275	42.758	ng	99
61) 4-Nitroaniline	15.74	138	134481	46.671	ng	96
62) Azobenzene	16.01	77	536786	42.156	ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	23230	13.181	ng	87
65) n-Nitrosodiphenylamine	15.93	169	487822	40.922	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	202275	43.064	ng	99
67) Hexachlorobenzene	16.73	284	209070	43.530	ng	96
68) Atrazine	16.88	200	215475	48.157	ng	99
69) Pentachlorophenol	17.07	266	97707	29.932	ng	95
70) Phenanthrene	17.46	178	922036	45.230	ng	99
71) Anthracene	17.56	178	930932	45.812	ng	99
72) Carbazole	17.82	167	822557	40.532	ng	100
73) Di-n-butylphthalate	18.38	149	951740	42.115	ng	99
74) Fluoranthene	19.47	202	1132795	45.578	ng	99
76) Benzidine	19.64	184	210272	16.099	ng	99
77) Pyrene	19.83	202	1121291	44.541	ng	99
79) Butylbenzylphthalate	20.72	149	439176	43.835	ng	92
80) Benzo(a)anthracene	21.67	228	1123587	45.304	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	201847	20.421	ng	99
82) Chrysene	21.74	228	1056950	44.961	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	601612	42.911	ng	98
84) Di-n-octyl phthalate	22.79	149	1022545	43.666	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1168973	42.813	ng	# 94
87) Benzo(b)fluoranthene	23.88	252	1127260	47.442	ng	97
88) Benzo(k)fluoranthene	23.95	252	1077048	46.398	ng	99
89) Benzo(a)pyrene	24.75	252	1082386	47.406	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	842360	38.216	ng	98
91) Benzo(g,h,i)perylene	29.69	276	908479	41.013	ng	96

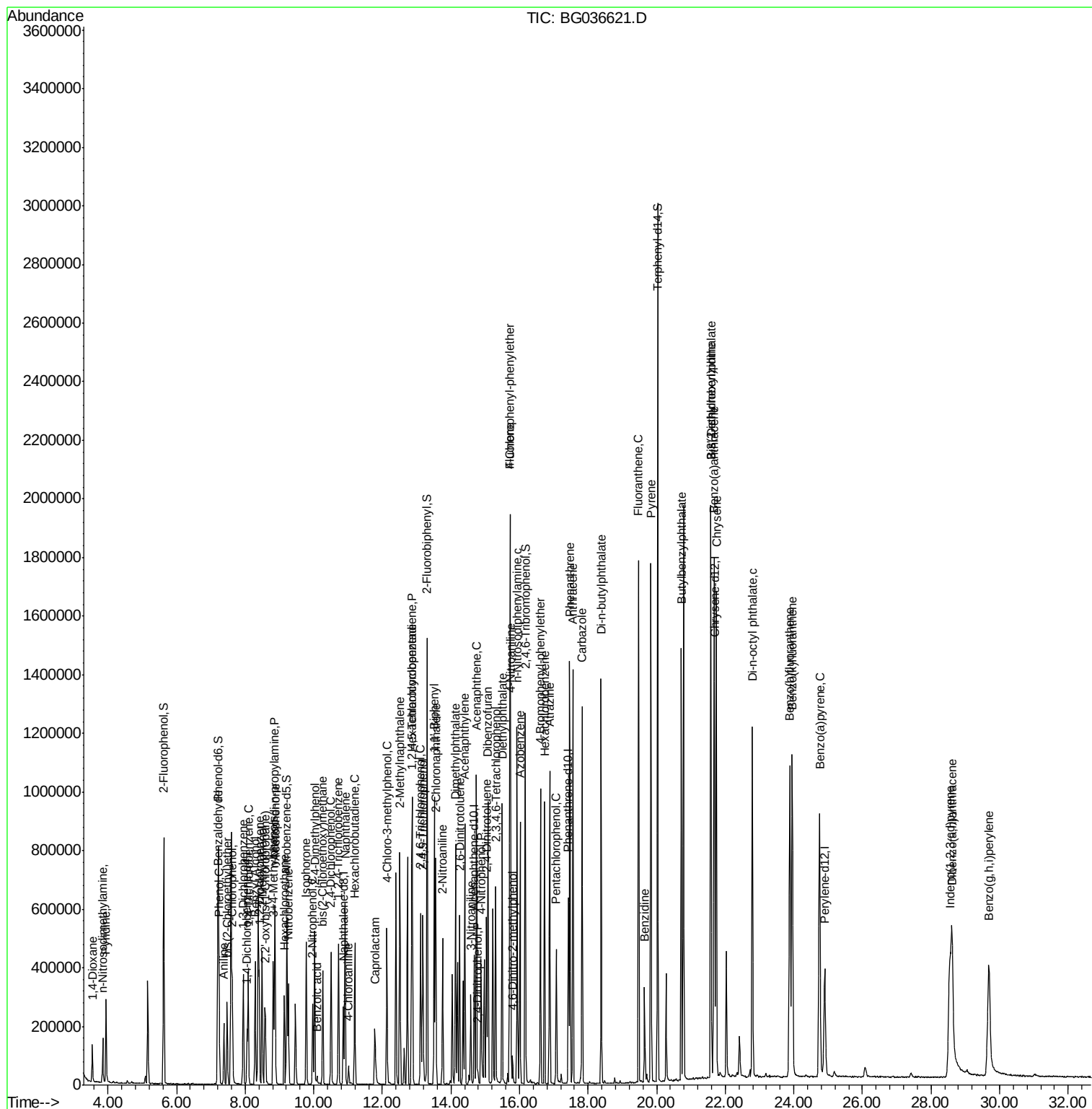
(#) = qualifier out of range (m) = manual integration (+) = signals summed

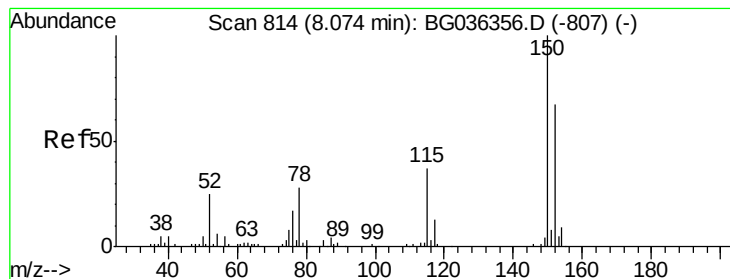
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

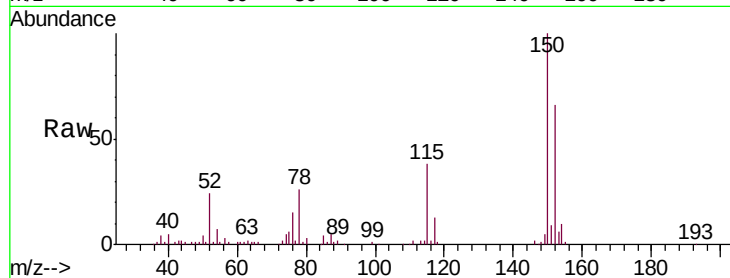
Tgt Ion:152 Resp: 51444

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

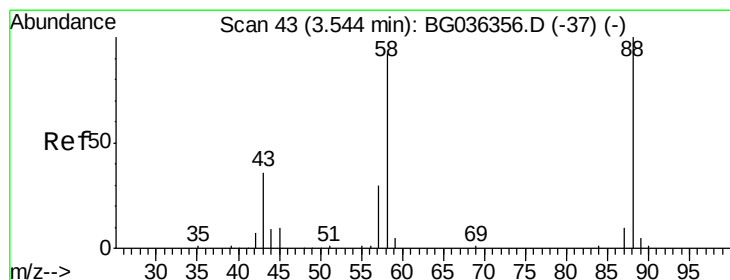
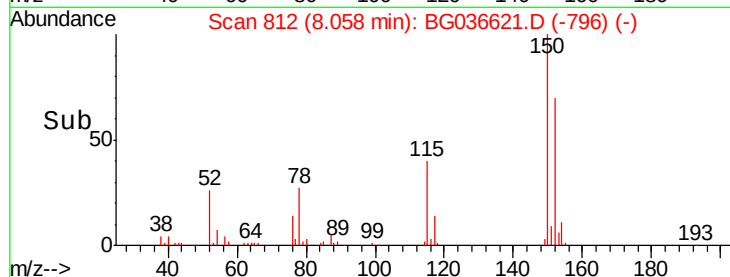
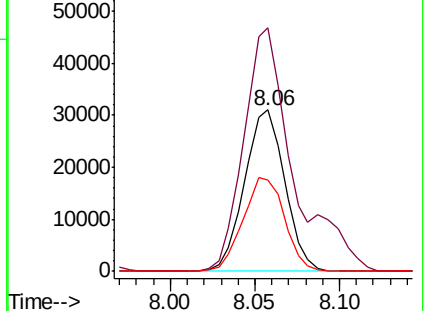
115 56.9 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.295 ng

RT: 3.55 min Scan# 44

Delta R.T. 0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

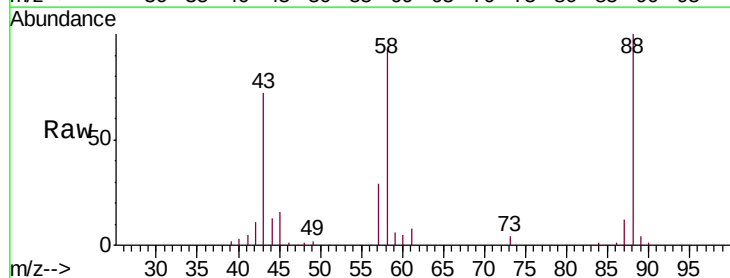
Tgt Ion: 88 Resp: 47364

Ion Ratio Lower Upper

88 100

58 90.2 72.6 109.0

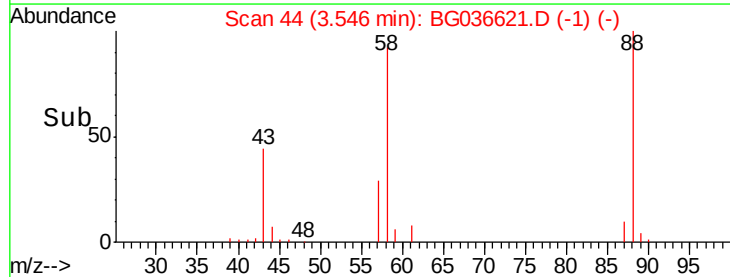
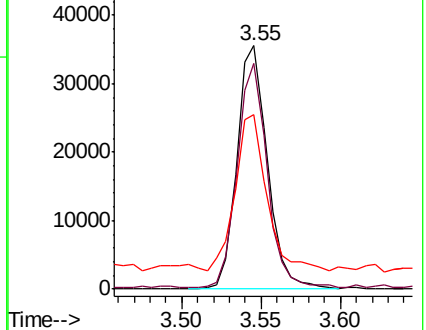
43 65.5 29.0 43.4#

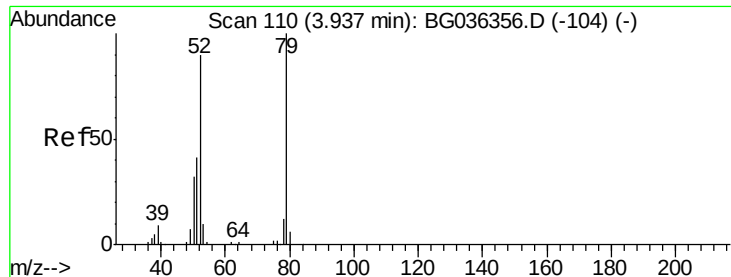


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 31.974 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

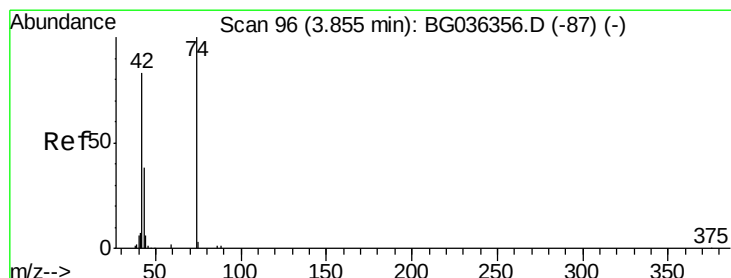
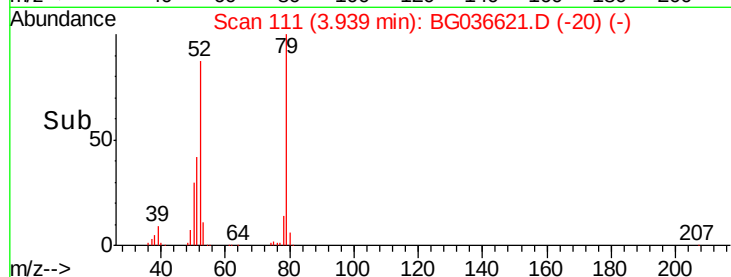
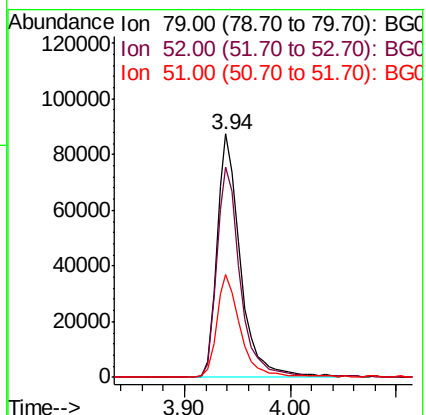
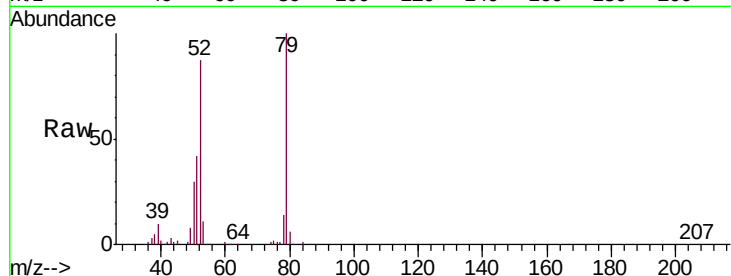
Tgt Ion: 79 Resp: 135834

Ion Ratio Lower Upper

79 100

52 86.5 72.3 108.5

51 42.4 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 38.803 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

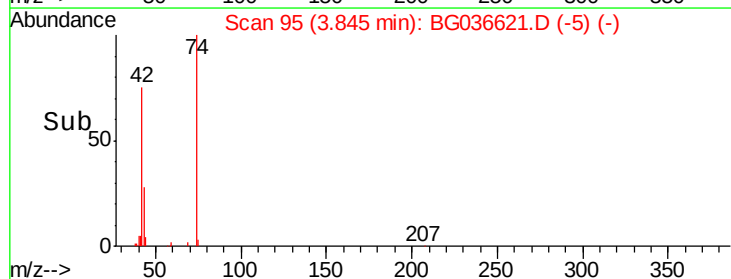
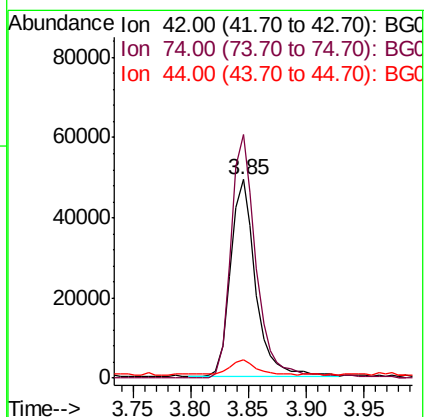
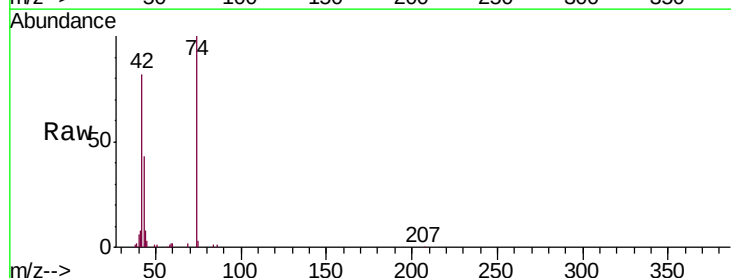
Tgt Ion: 42 Resp: 73423

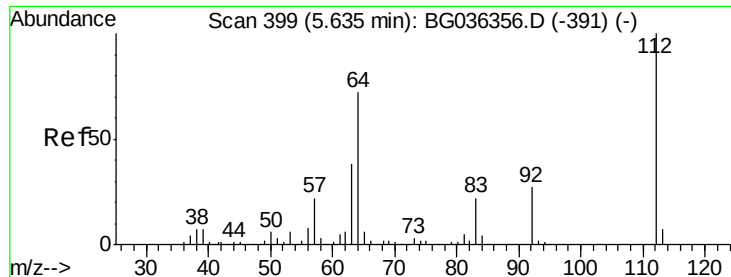
Ion Ratio Lower Upper

42 100

74 122.5 96.6 145.0

44 9.3 7.0 10.4





#5

2-Fluorophenol

Concen: 106.273 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

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ClientSampleId :

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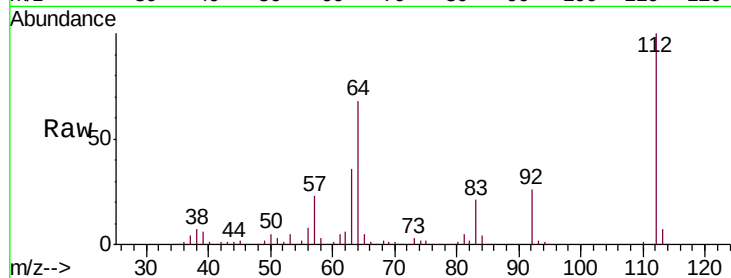
Tgt Ion: 112 Resp: 344647

Ion Ratio Lower Upper

112 100

64 68.0 57.2 85.8

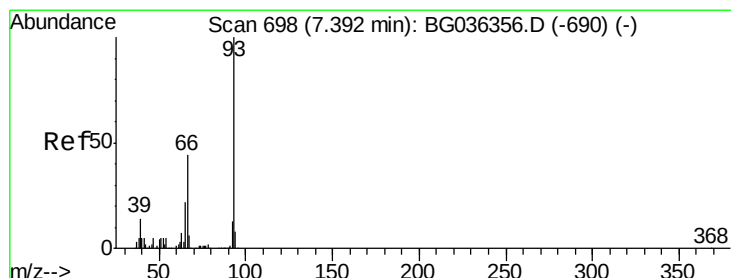
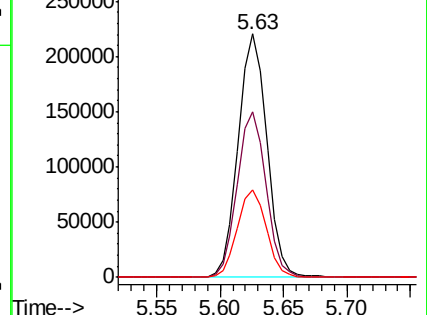
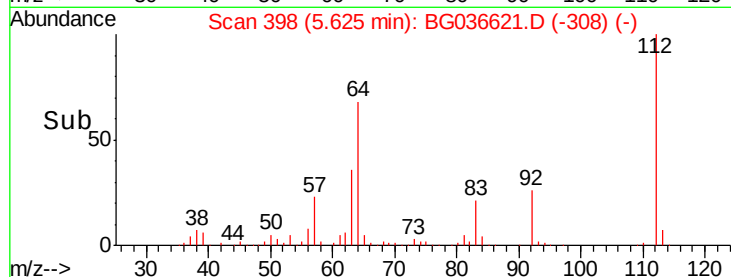
63 36.0 30.8 46.2



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: 22.465 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

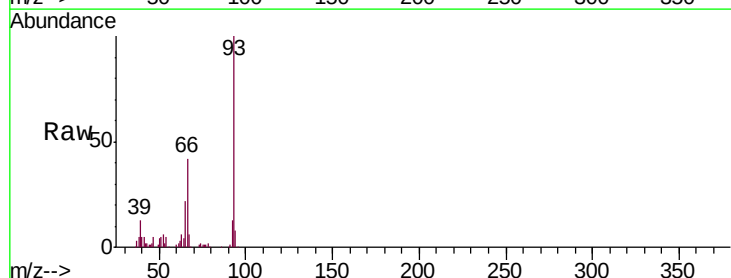
Tgt Ion: 93 Resp: 132405

Ion Ratio Lower Upper

93 100

66 42.0 35.0 52.4

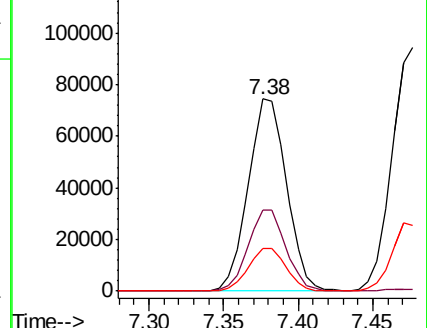
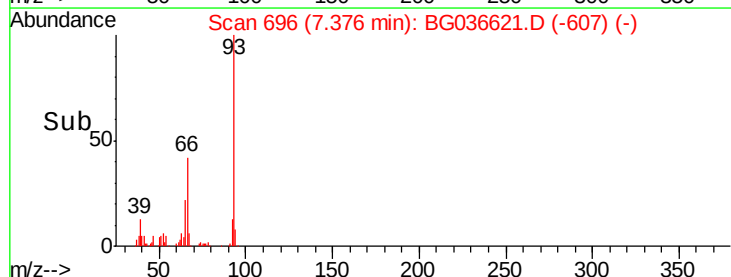
65 22.4 17.6 26.4

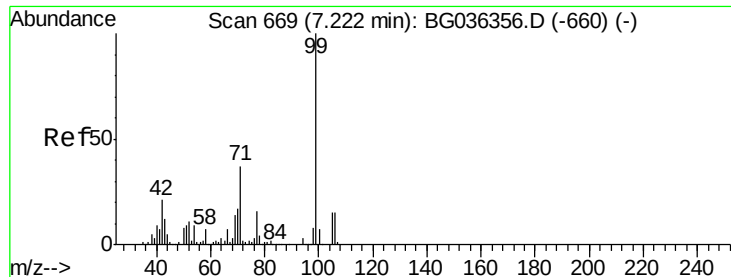


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 94.653 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

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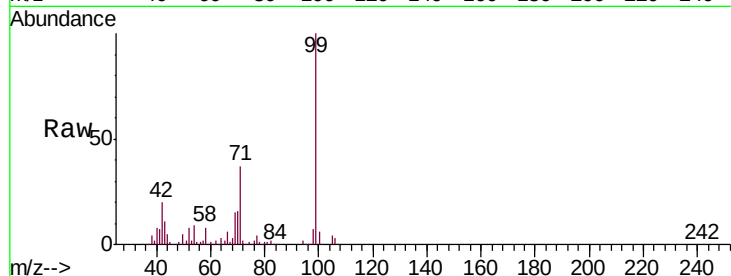
Tgt Ion: 99 Resp: 439495

Ion Ratio Lower Upper

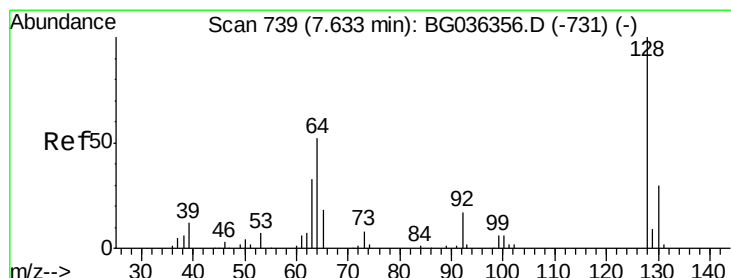
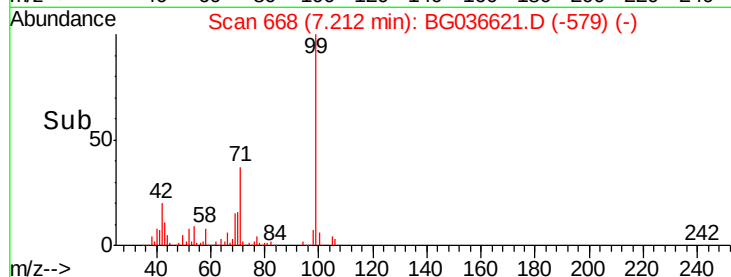
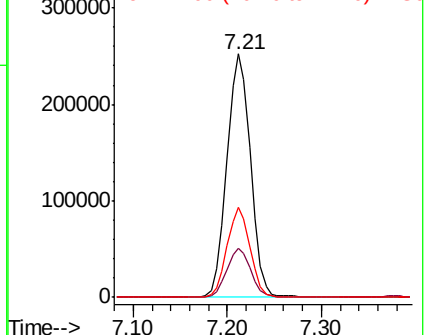
99 100

42 20.4 16.5 24.7

71 36.9 29.4 44.2



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: 43.127 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

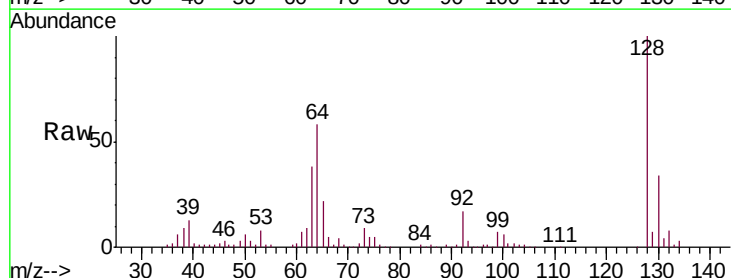
Tgt Ion: 128 Resp: 151672

Ion Ratio Lower Upper

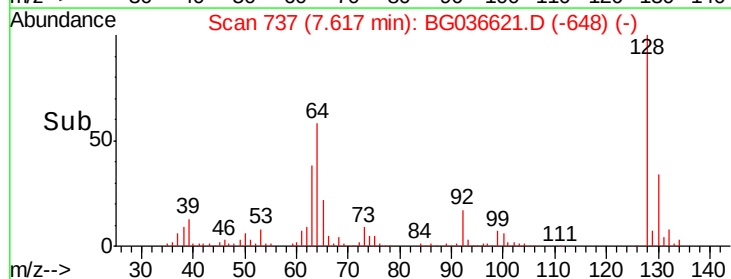
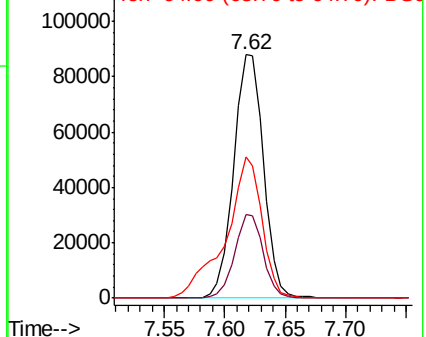
128 100

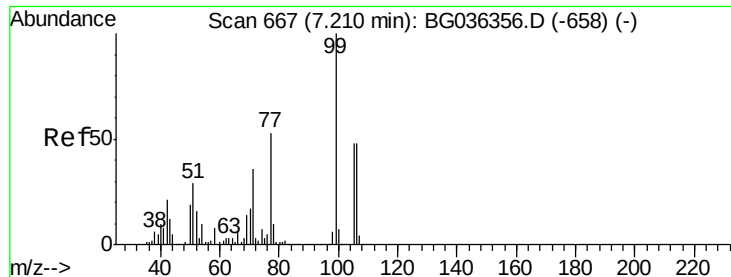
130 34.3 10.0 50.0

64 58.0 36.0 76.0



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





#9

Benzaldehyde

Concen: 25.880 ng

RT: 7.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036621.D

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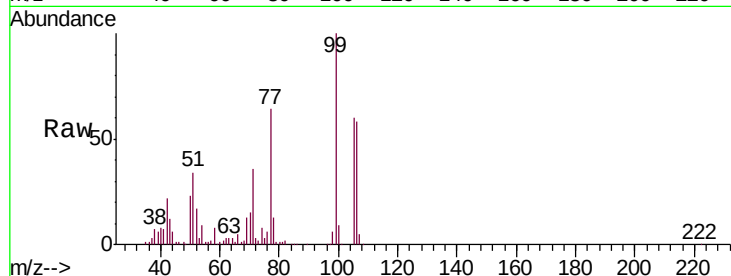
Tgt Ion: 77 Resp: 82749

Ion Ratio Lower Upper

77 100

105 93.2 70.5 110.5

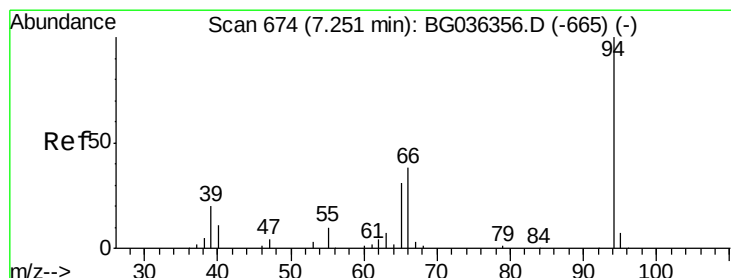
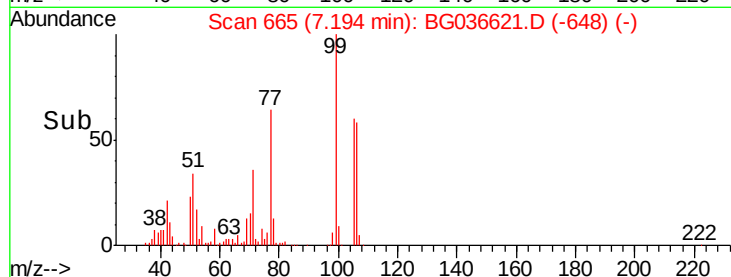
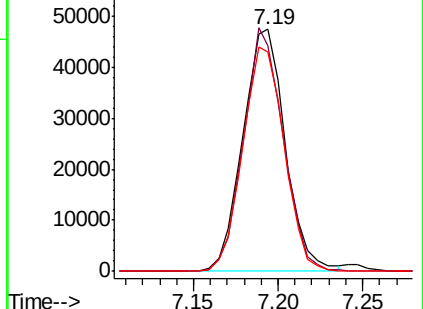
106 90.6 69.8 109.8



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: 36.033 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

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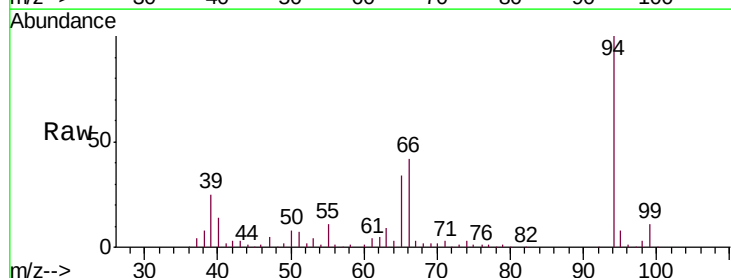
Tgt Ion: 94 Resp: 175085

Ion Ratio Lower Upper

94 100

65 33.5 11.5 51.5

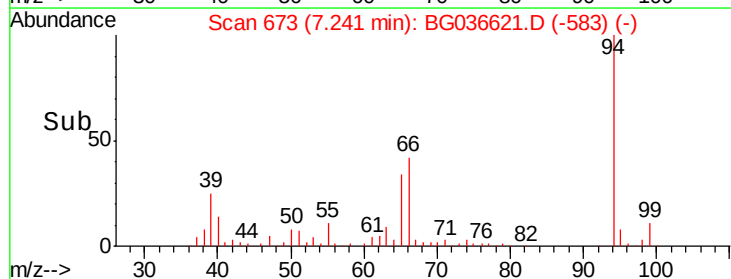
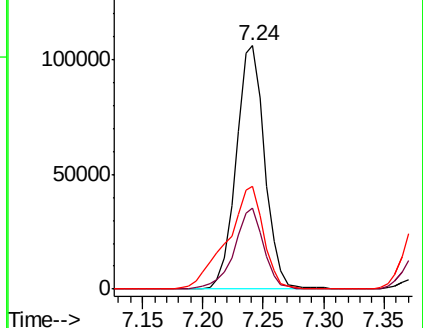
66 42.1 19.5 59.5

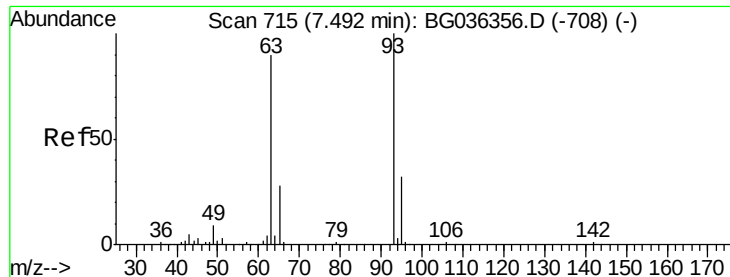


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

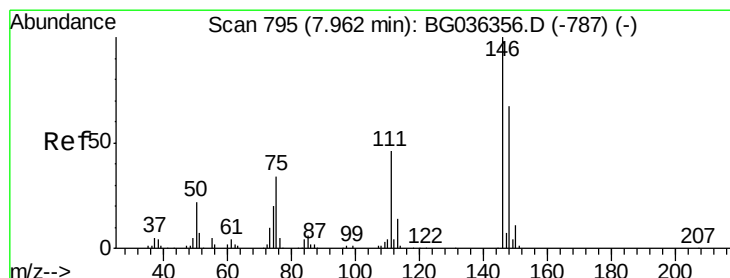
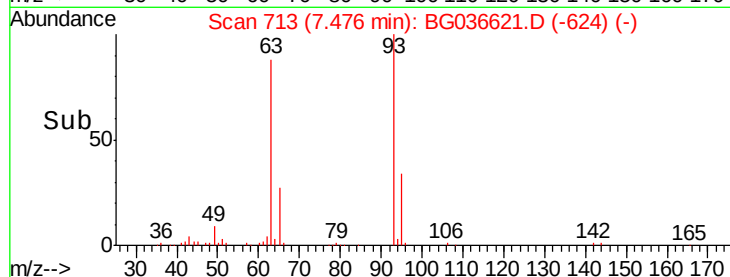
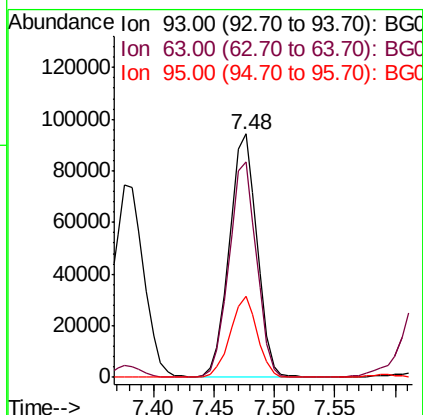
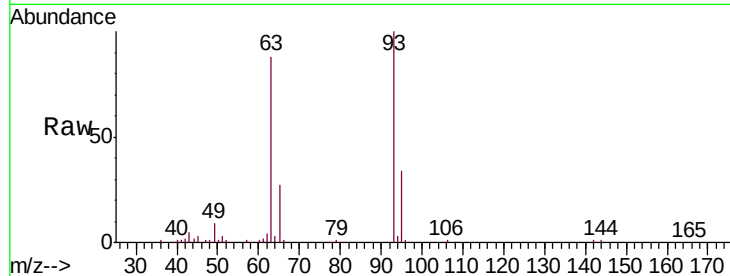




#11
 bis(2-Chloroethyl)ether
 Concen: 39.197 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

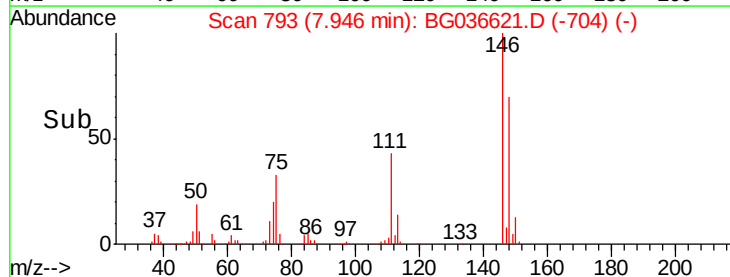
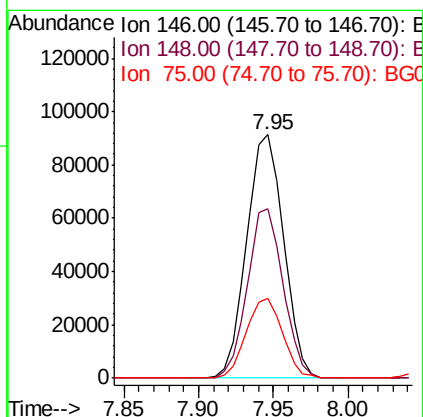
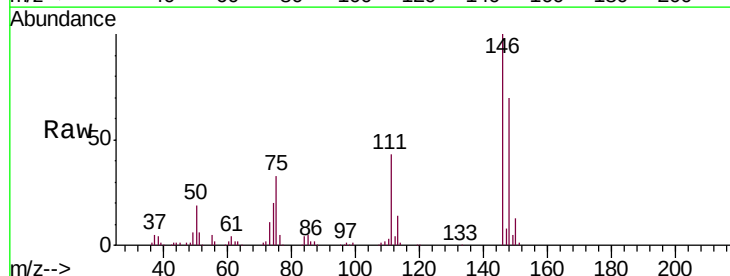
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

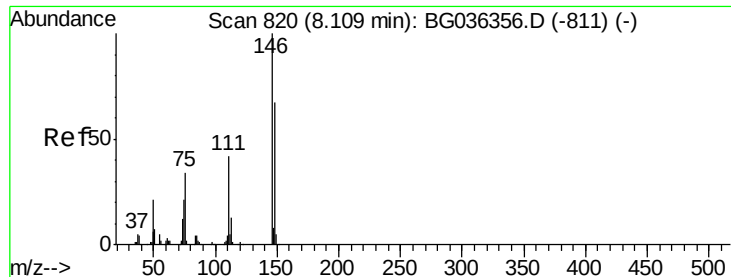
Tgt Ion:	93	Resp:	150995
Ion	Ratio	Lower	Upper
93	100		
63	88.5	69.9	109.9
95	33.5	11.7	51.7



#12
 1,3-Dichlorobenzene
 Concen: 38.891 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:	146	Resp:	156177
Ion	Ratio	Lower	Upper
146	100		
148	69.5	53.8	80.6
75	32.7	27.2	40.8

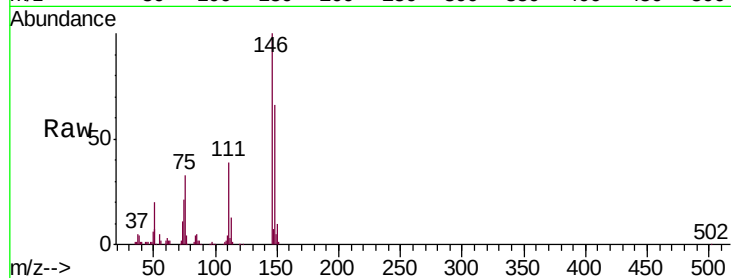




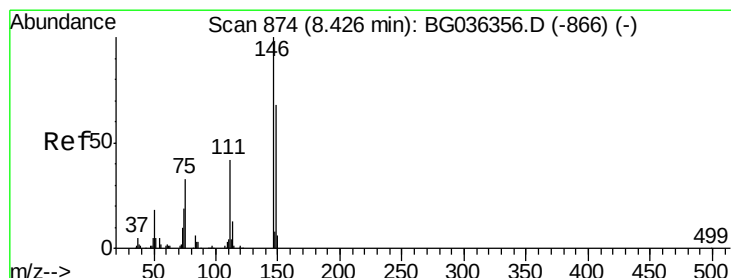
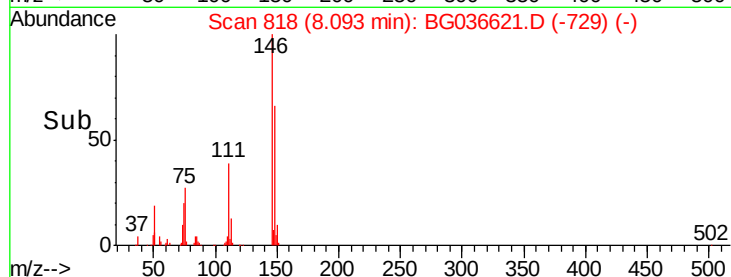
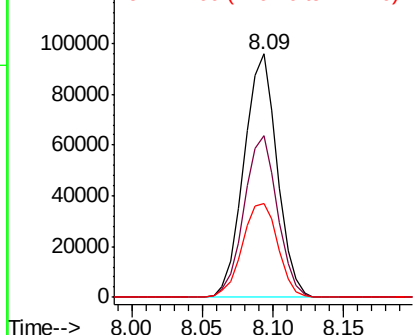
#13
 1,4-Dichlorobenzene
 Concen: 39.019 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

Tgt Ion:146 Resp: 158198
 Ion Ratio Lower Upper
 146 100
 148 66.4 53.9 80.9
 111 38.7 33.8 50.6

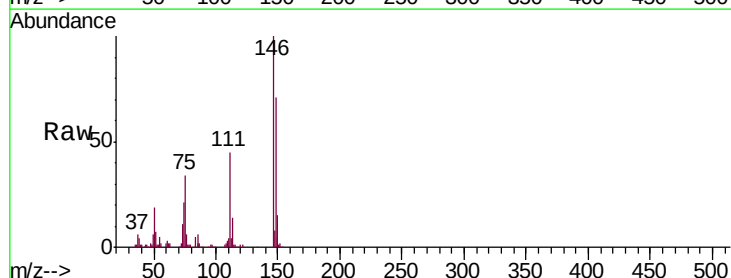


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

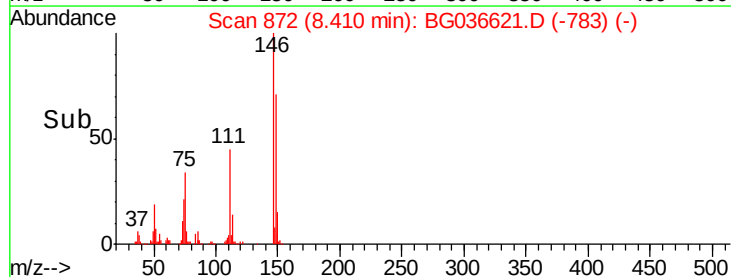
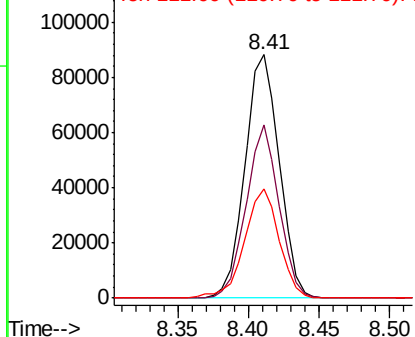


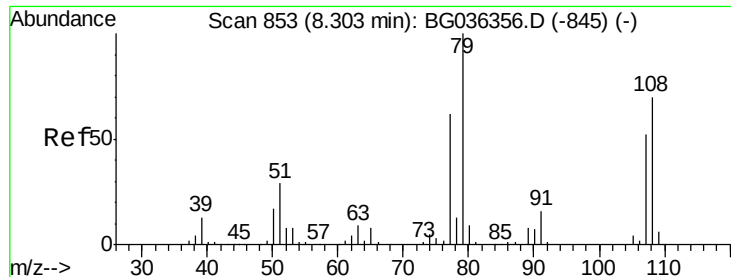
#14
 1,2-Dichlorobenzene
 Concen: 38.772 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:146 Resp: 150128
 Ion Ratio Lower Upper
 146 100
 148 71.4 55.0 82.6
 111 44.8 34.6 51.8



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

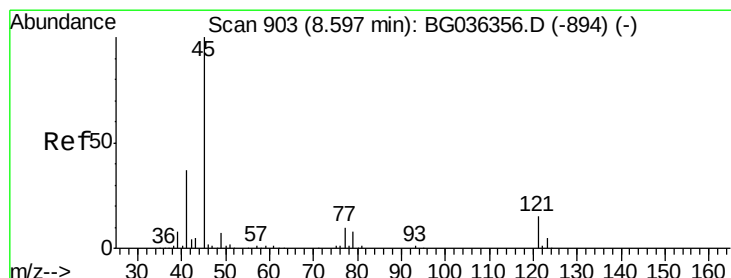
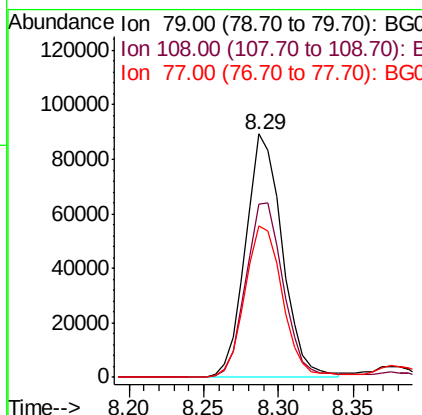
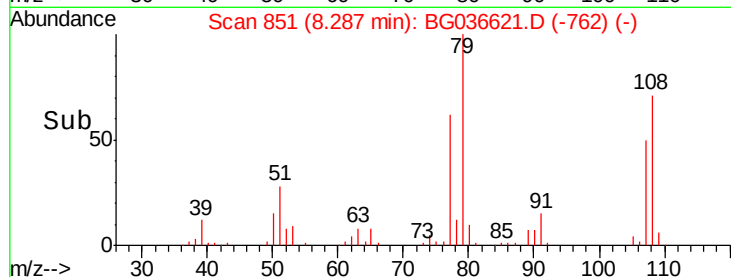
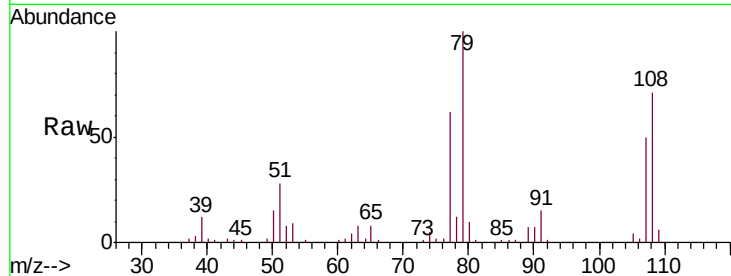




#15
Benzyl Alcohol
Concen: 40.521 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

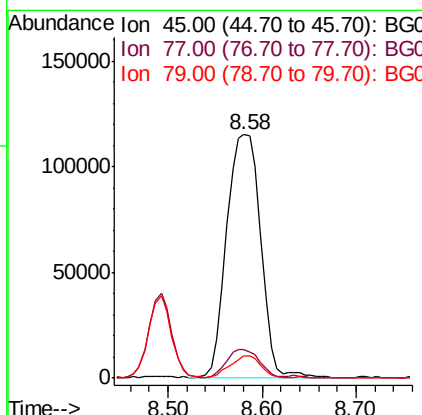
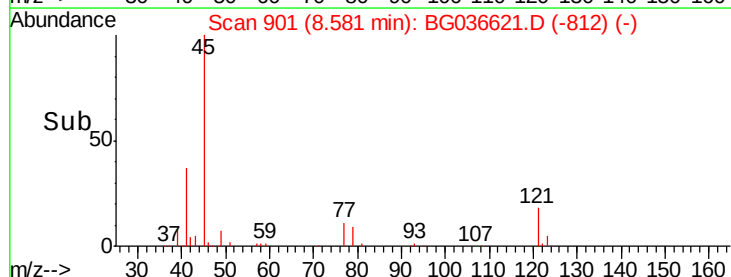
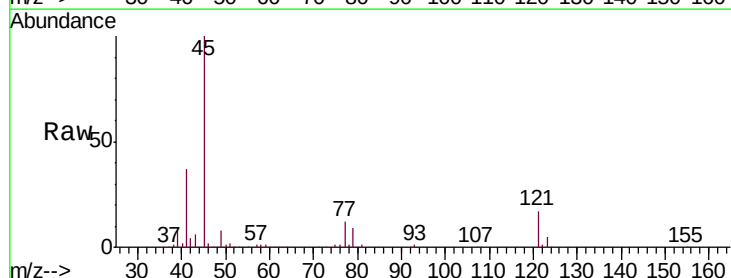
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

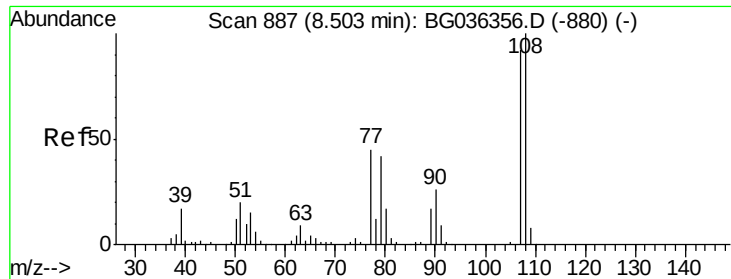
Tgt Ion: 79 Resp: 151674
Ion Ratio Lower Upper
79 100
108 71.1 55.9 83.9
77 62.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.925 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion: 45 Resp: 286856
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.5
79 9.3 0.0 27.9

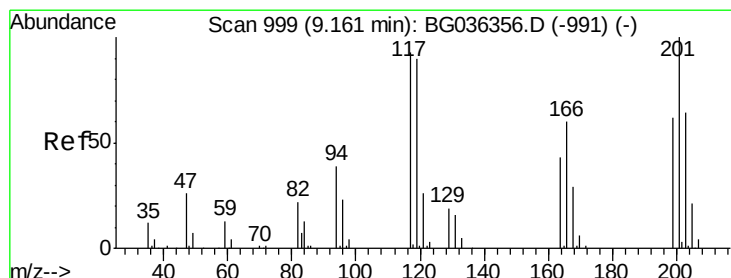
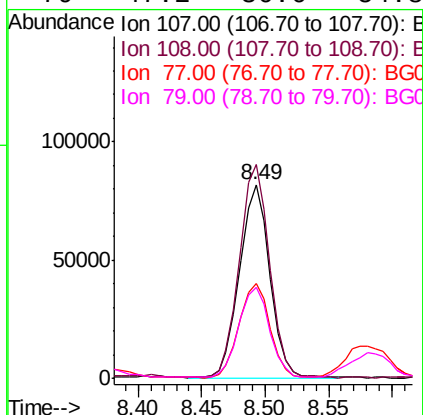
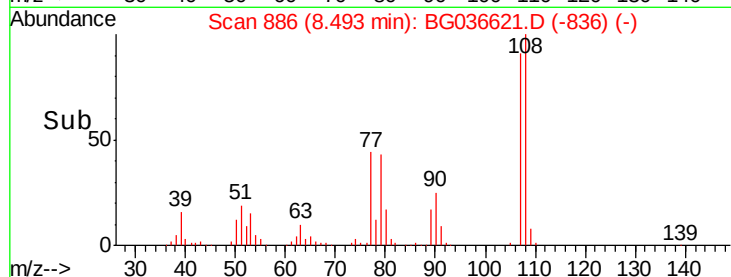
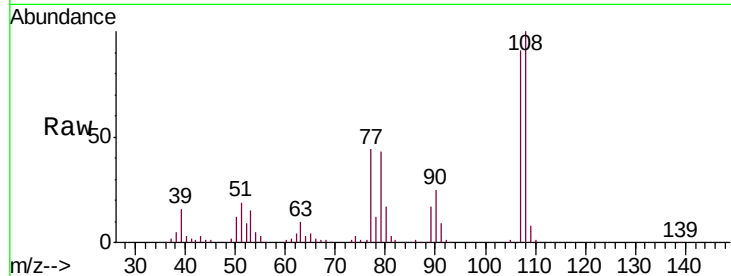




#17
2-Methylphenol
Concen: 41.953 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

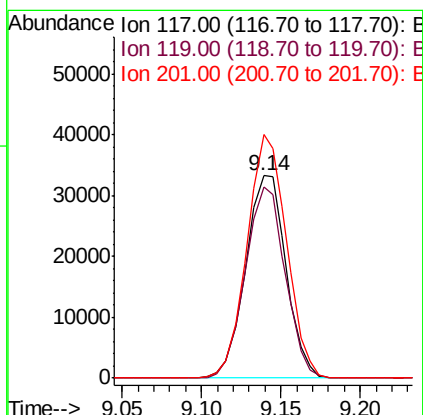
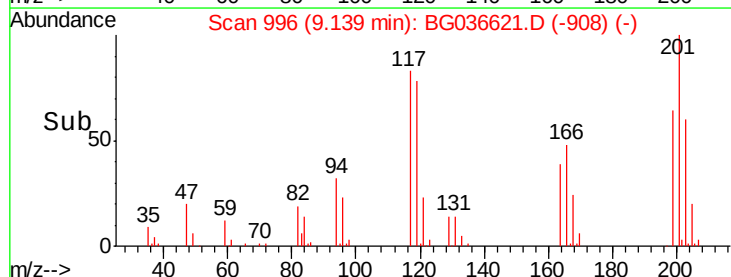
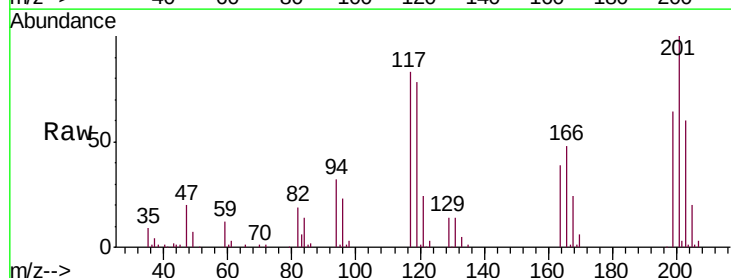
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

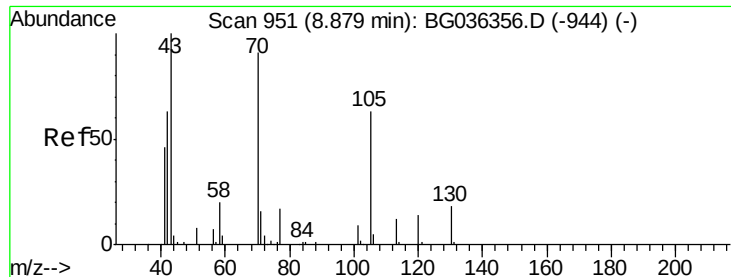
Tgt Ion:107 Resp: 135360
Ion Ratio Lower Upper
107 100
108 110.3 86.7 130.1
77 48.8 39.0 58.4
79 47.2 36.6 54.8



#18
Hexachloroethane
Concen: 40.483 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:117 Resp: 58848
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2
201 120.4 85.7 128.5

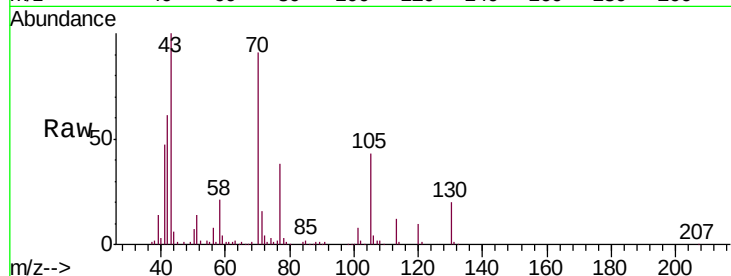




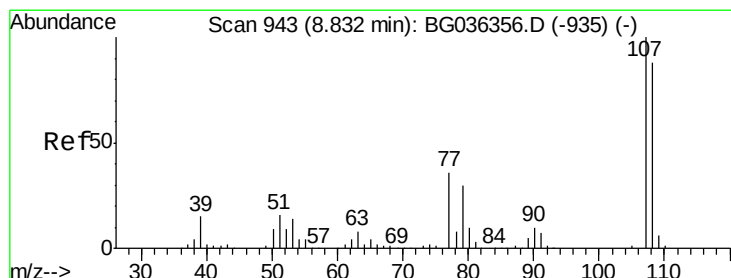
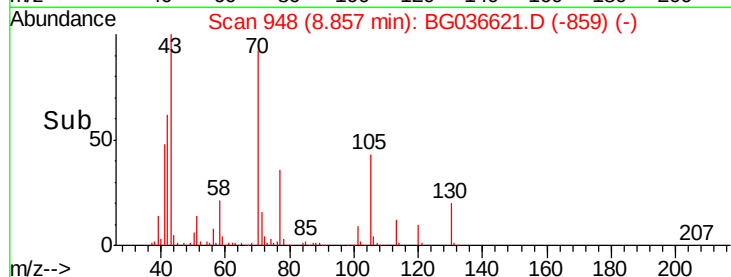
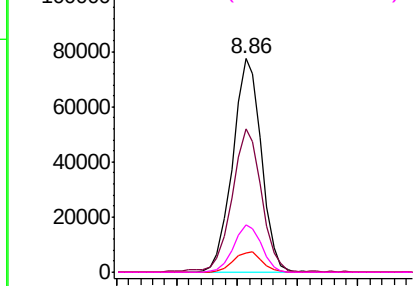
#19
n-Nitroso-di-n-propylamine
Concen: 36.710 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

Tgt Ion:	70	Resp:	127388
Ion	Ratio	Lower	Upper
70	100		
42	67.3	56.2	84.4
101	9.3	7.8	11.6
130	22.0	16.2	24.2

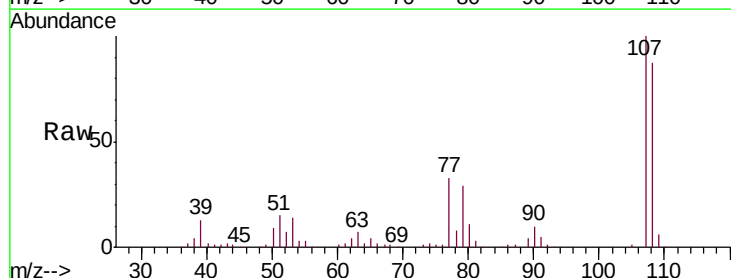


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

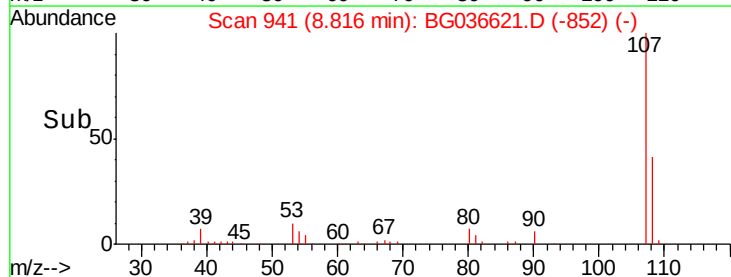
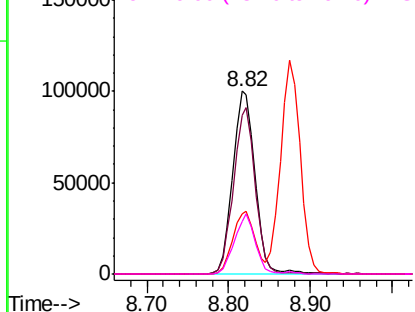


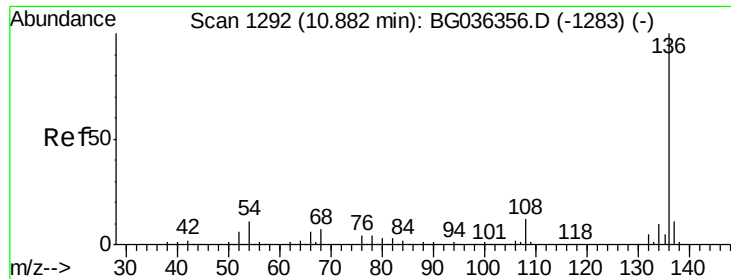
#20
3+4-Methylphenols
Concen: 42.065 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:	107	Resp:	189482
Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.0	108.0
77	32.9	15.6	55.6
79	28.7	9.9	49.9



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

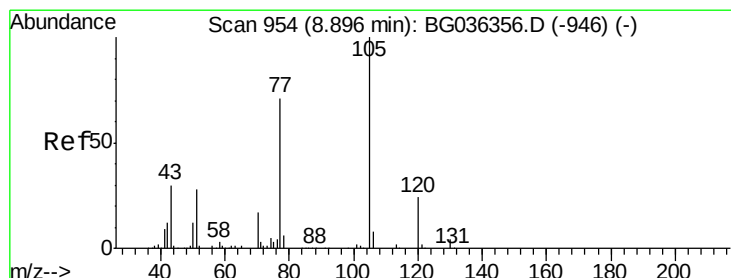
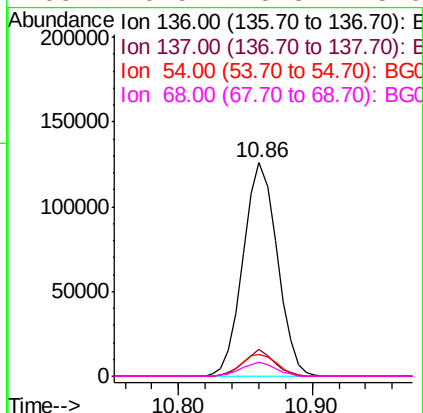
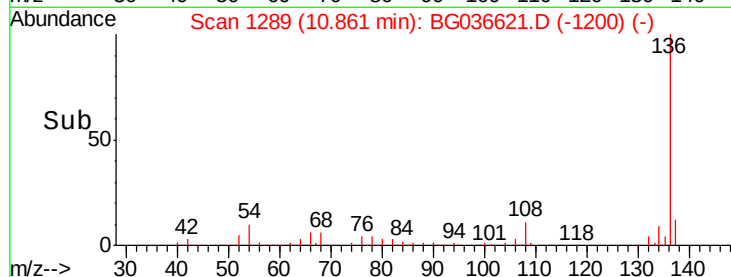
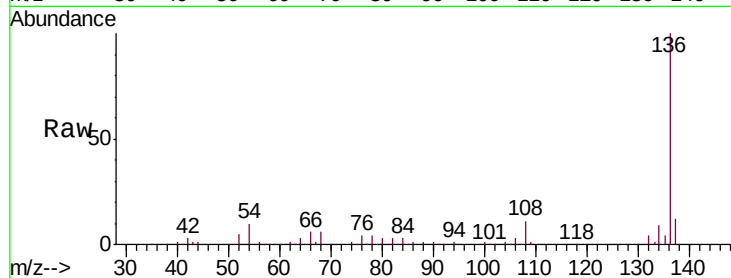




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

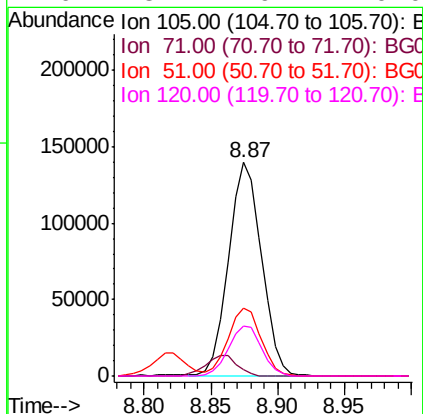
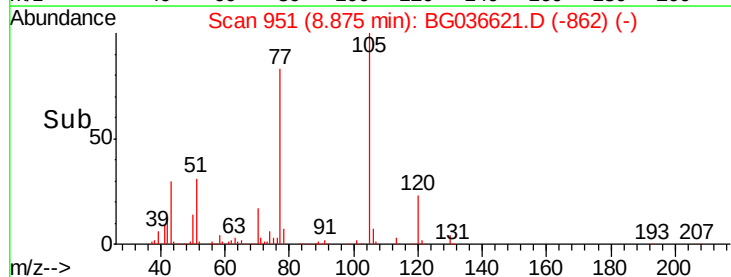
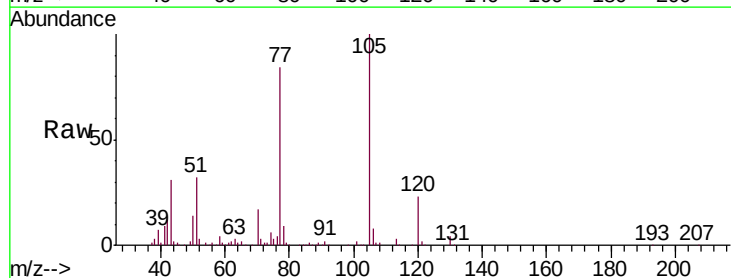
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

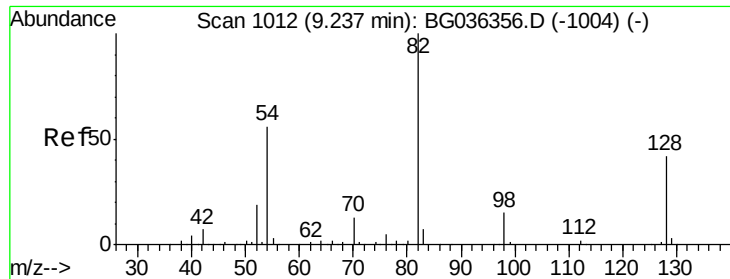
Tgt Ion:	136	Resp:	222270
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.8	13.2
54	10.1	9.2	13.8
68	6.5	5.8	8.6



#22
Acetophenone
Concen: 41.270 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:	105	Resp:	240883
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.4	3.6
51	31.8	25.9	38.9
120	23.2	19.4	29.0

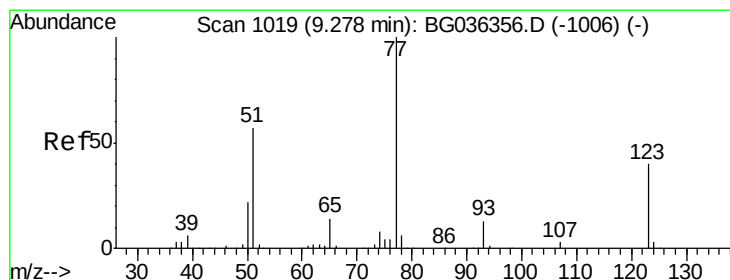
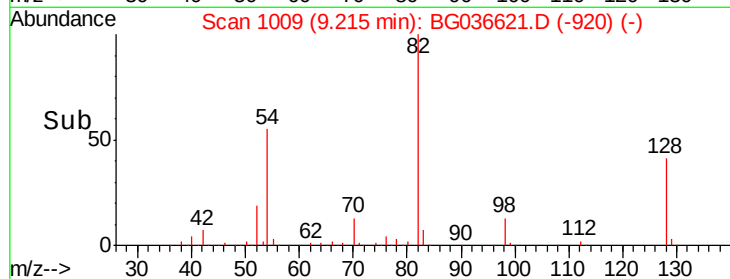
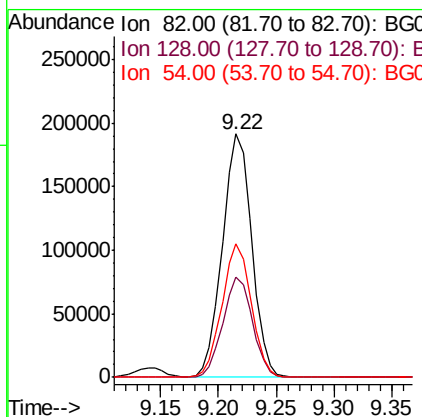
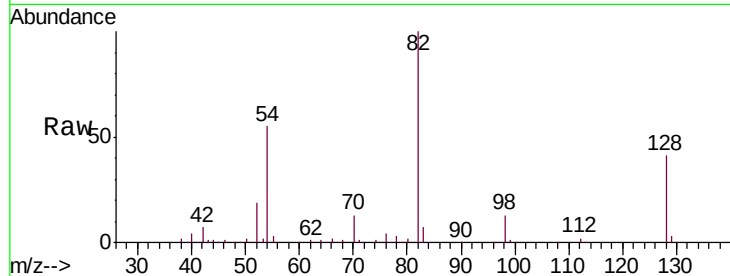




#23
 Nitrobenzene-d5
 Concen: 82.334 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

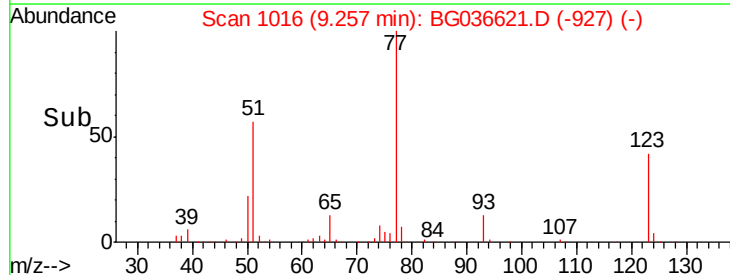
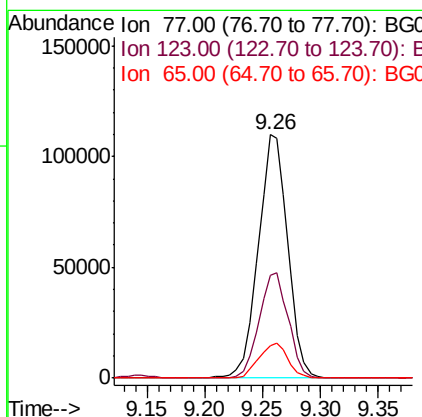
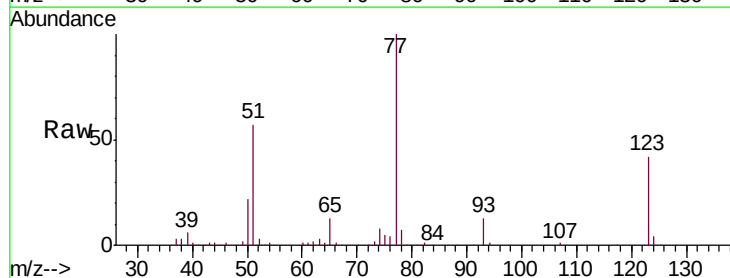
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

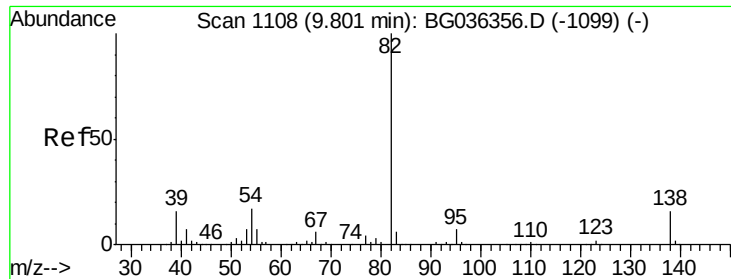
Tgt Ion: 82 Resp: 337293
 Ion Ratio Lower Upper
 82 100
 128 41.3 33.3 49.9
 54 54.7 45.1 67.7



#24
 Nitrobenzene
 Concen: 44.017 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion: 77 Resp: 194445
 Ion Ratio Lower Upper
 77 100
 123 42.3 32.4 48.6
 65 13.2 11.5 17.3

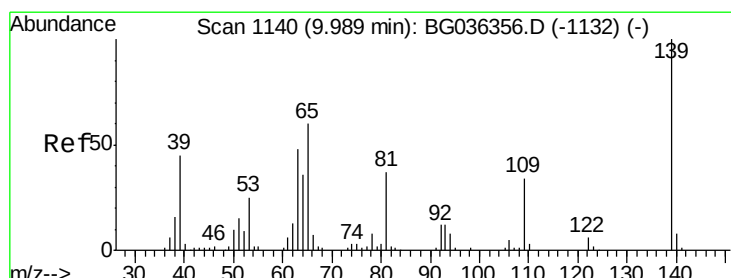
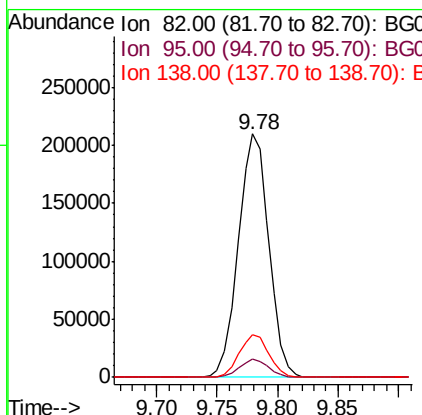
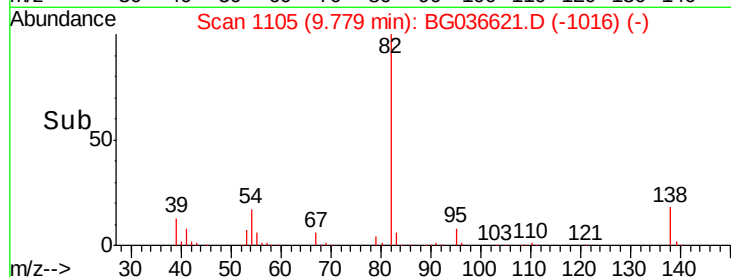
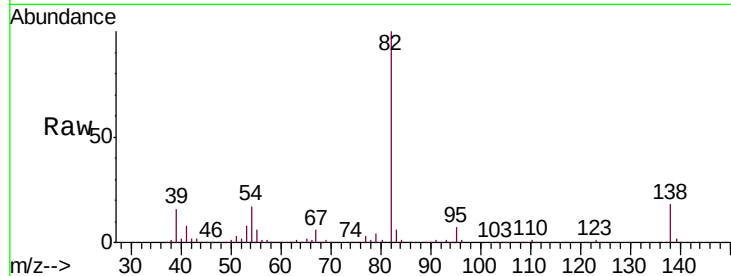




#25
Isophorone
Concen: 45.129 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

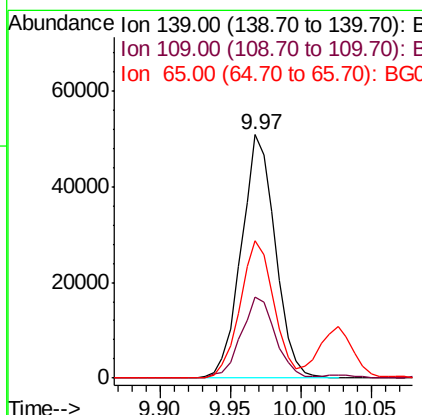
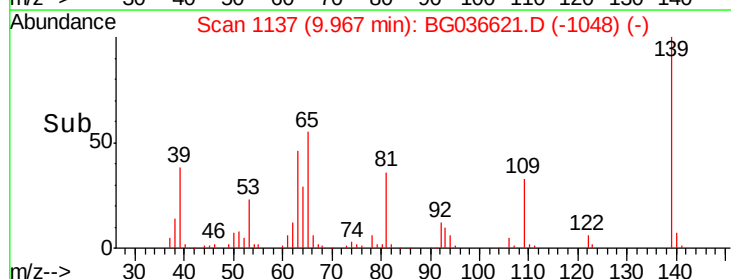
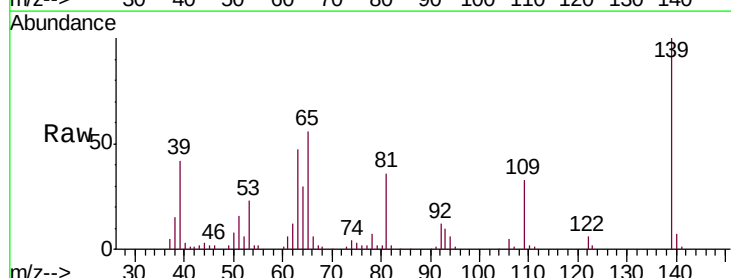
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

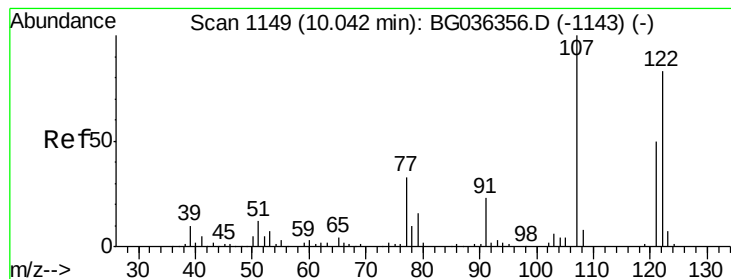
Tgt Ion: 82 Resp: 367268
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.6 12.9 19.3



#26
2-Nitrophenol
Concen: 48.923 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion: 139 Resp: 85640
Ion Ratio Lower Upper
139 100
109 33.2 27.4 41.0
65 56.3 47.8 71.6





#27

2,4-Dimethylphenol

Concen: 48.185 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

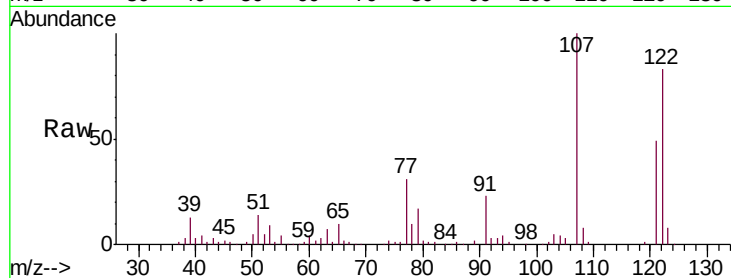
Tgt Ion:122 Resp: 156162

Ion Ratio Lower Upper

122 100

107 120.9 96.0 144.0

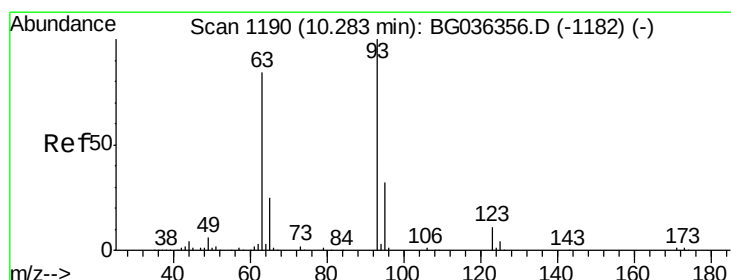
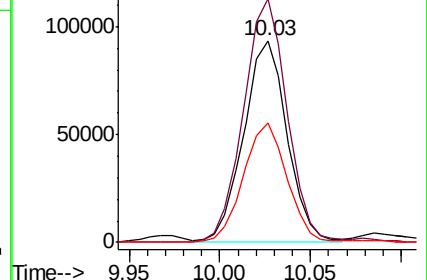
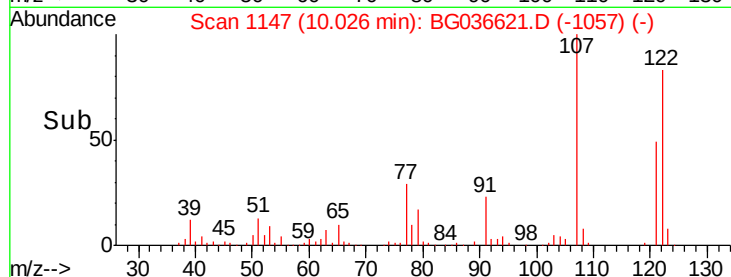
121 59.4 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.874 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

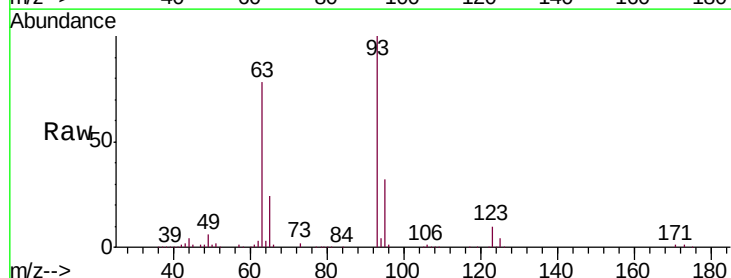
Tgt Ion: 93 Resp: 214138

Ion Ratio Lower Upper

93 100

95 32.3 25.2 37.8

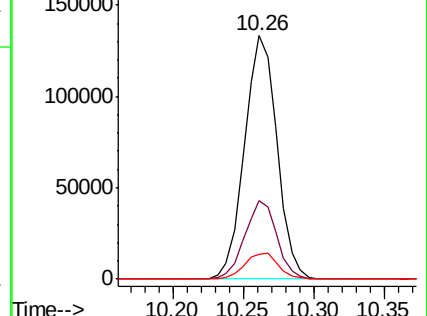
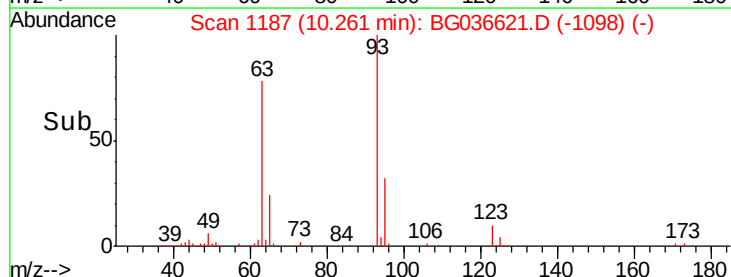
123 10.4 8.6 12.8

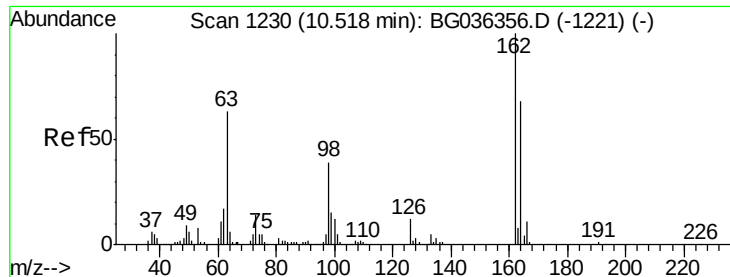


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

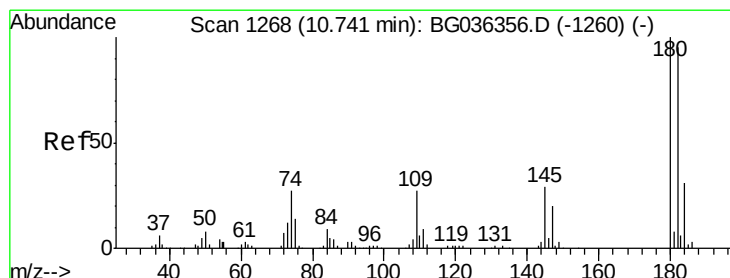
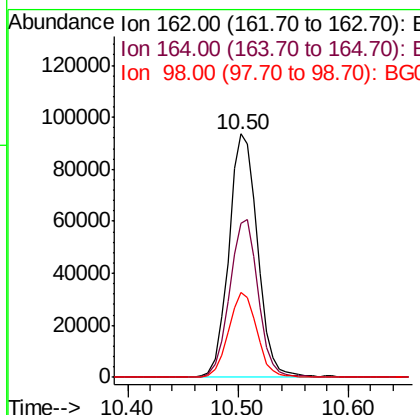
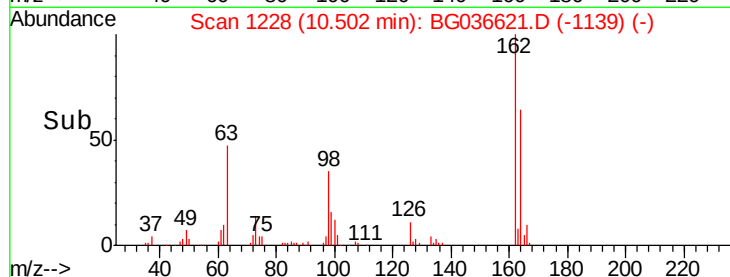
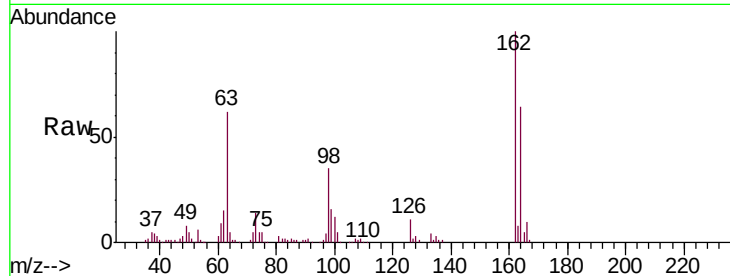




#29
 2,4-Dichlorophenol
 Concen: 48.105 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

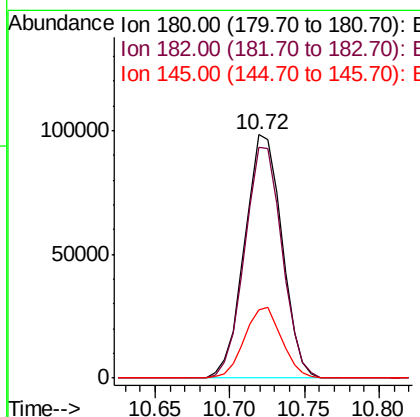
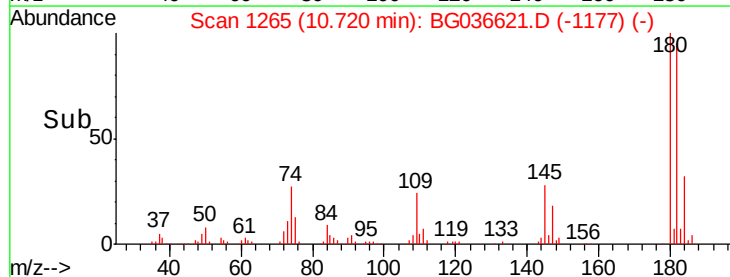
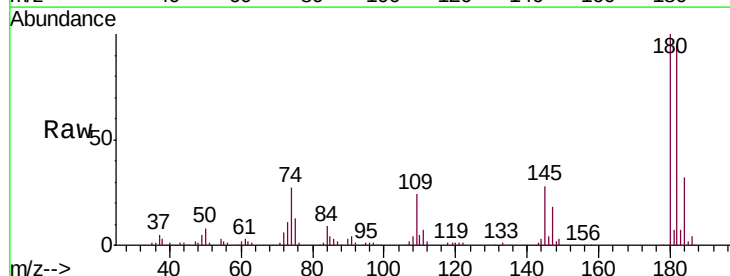
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

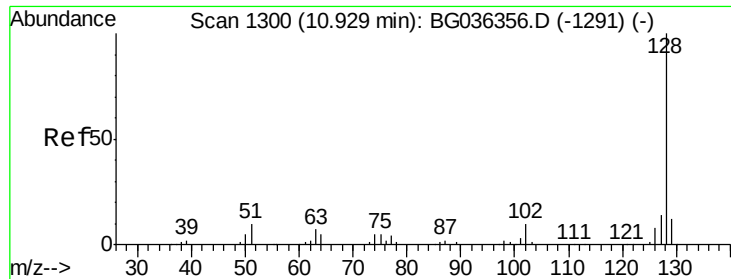
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	47.6	87.6
98	35.1	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.030 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.0	114.0
145	27.9	22.9	34.3

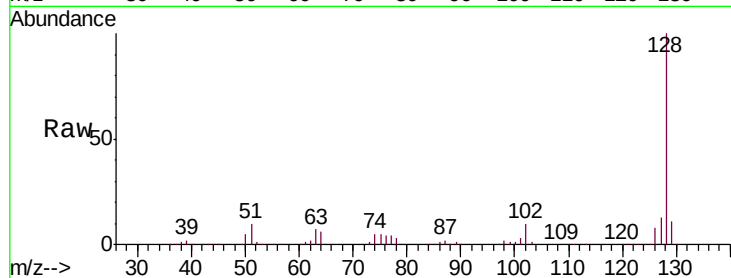




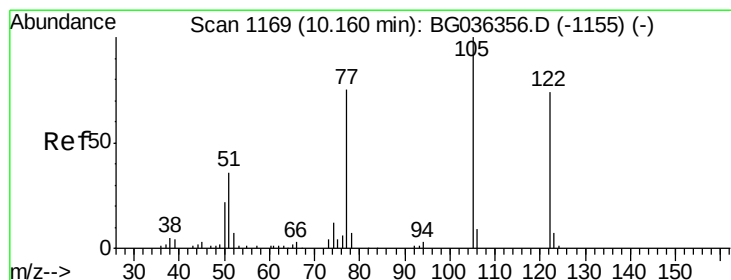
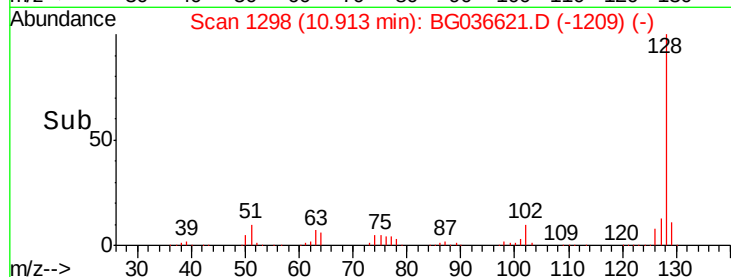
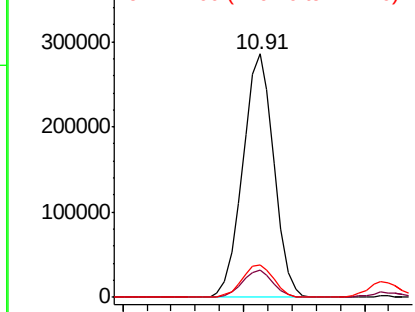
#31
Naphthalene
Concen: 46.052 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

Tgt Ion:128 Resp: 511688
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.4 11.0 16.4

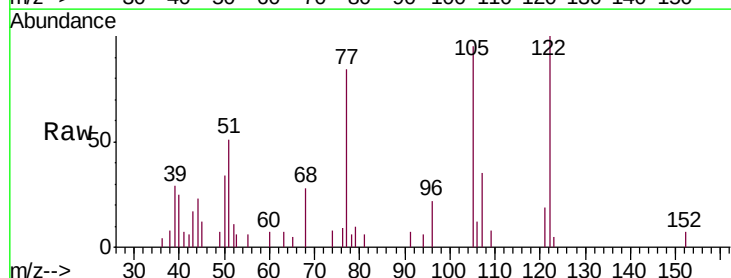


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

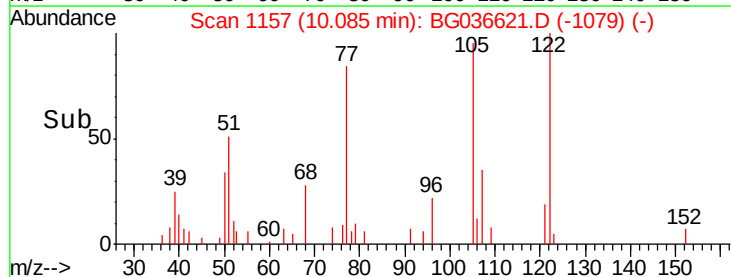
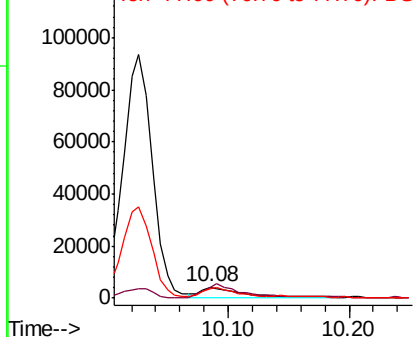


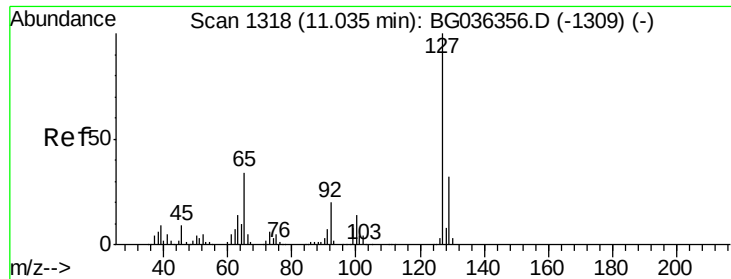
#32
Benzoic acid
Concen: 8.099 ng
RT: 10.08 min Scan# 1157
Delta R.T. -0.07 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:122 Resp: 9594
Ion Ratio Lower Upper
122 100
105 95.5 108.1 148.1#
77 83.7 76.3 116.3



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

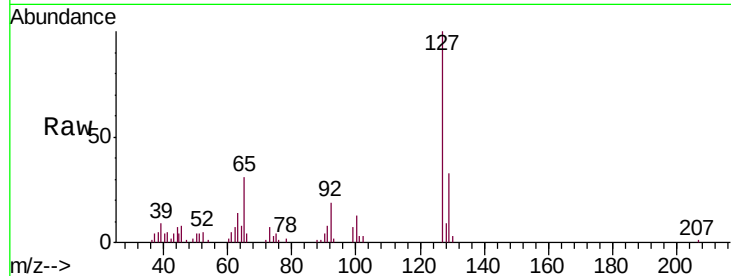




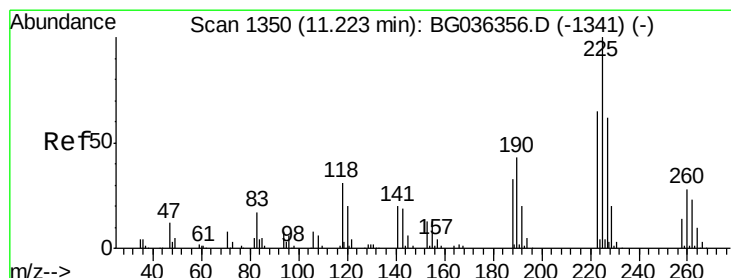
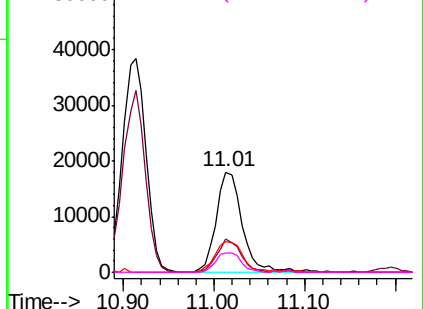
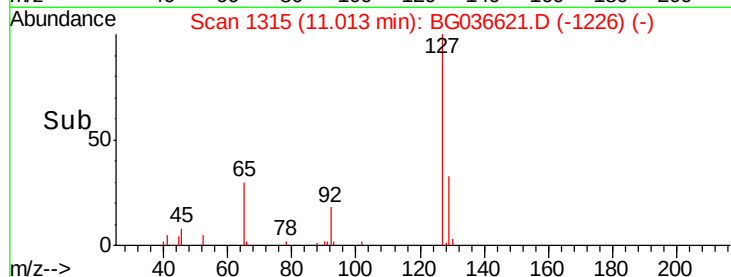
#33
4-Chloroaniline
Concen: 7.088 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

Tgt Ion:	127	Resp:	36089
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	31.2	27.5	41.3
92	19.0	16.2	24.2

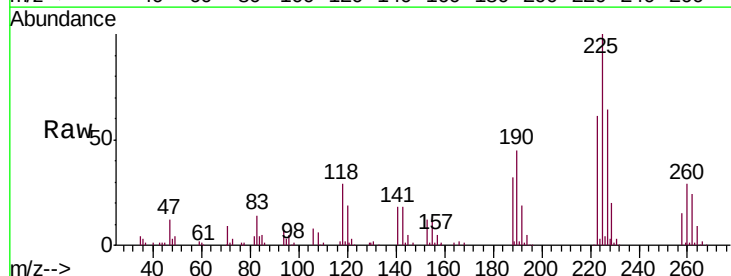


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

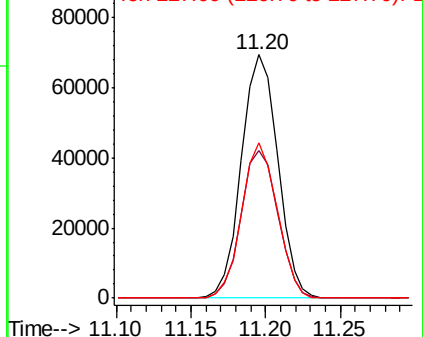
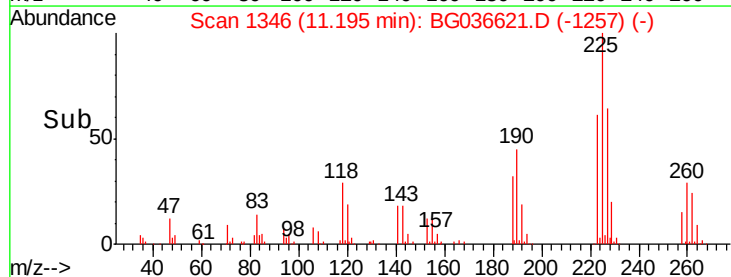


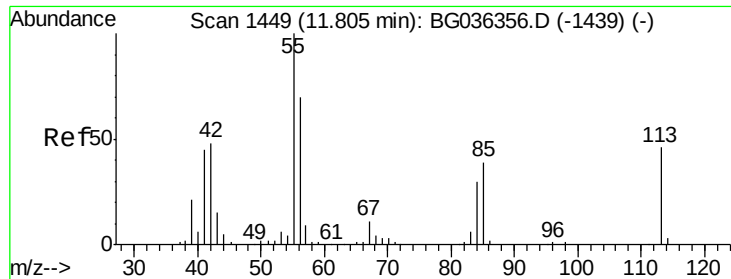
#34
Hexachlorobutadiene
Concen: 42.034 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:	225	Resp:	117348
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.8	77.8
227	63.8	49.8	74.6



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

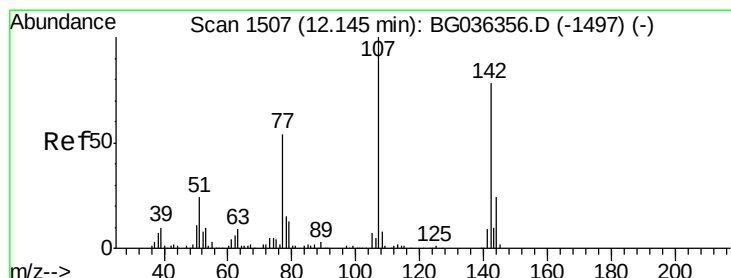
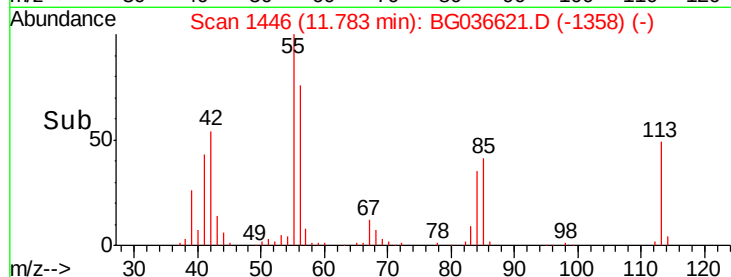
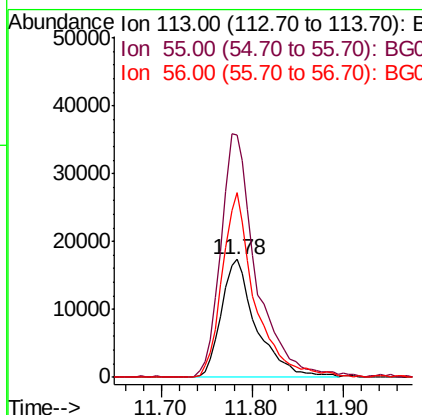
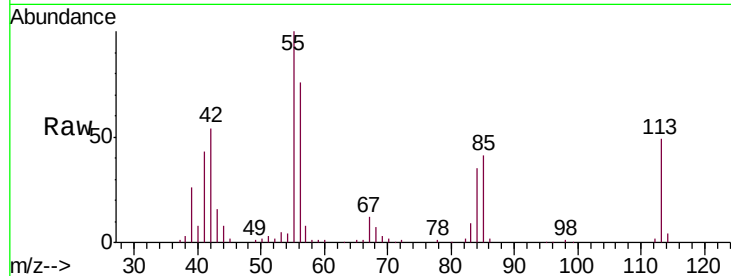




#35
 Caprolactam
 Concen: 32.844 ng
 RT: 11.78 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

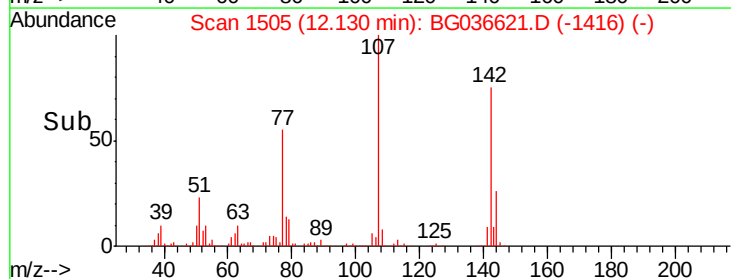
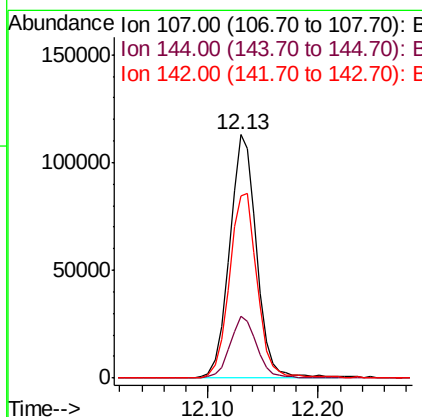
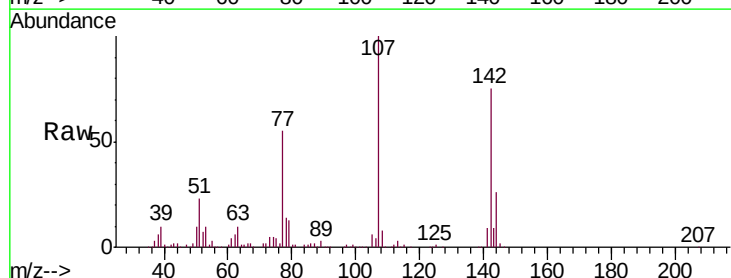
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

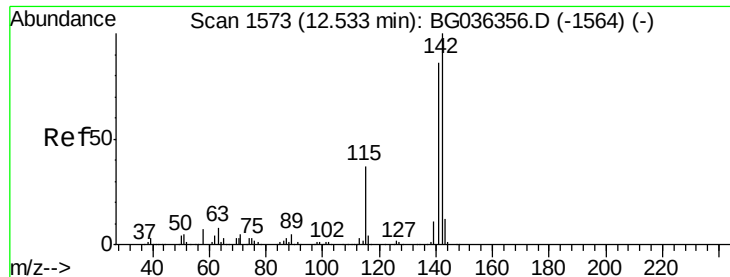
Tgt Ion:113 Resp: 46471
 Ion Ratio Lower Upper
 113 100
 55 205.8 197.7 237.7
 56 156.7 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.852 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:107 Resp: 193363
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.5 29.3
 142 75.0 62.4 93.6

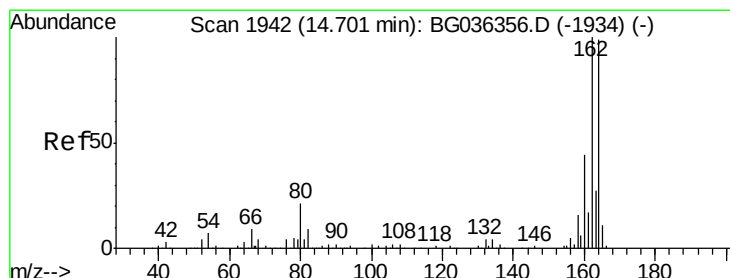
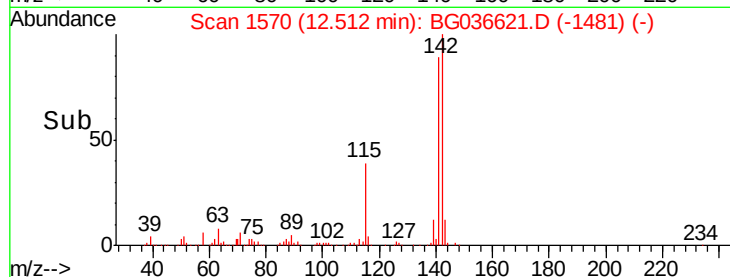
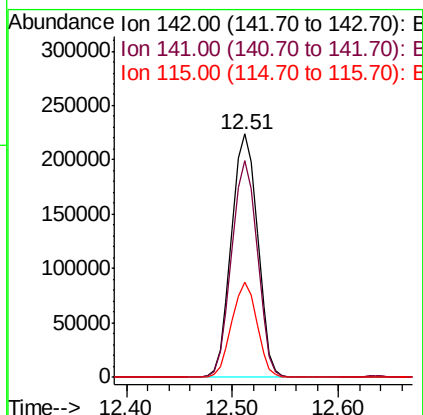
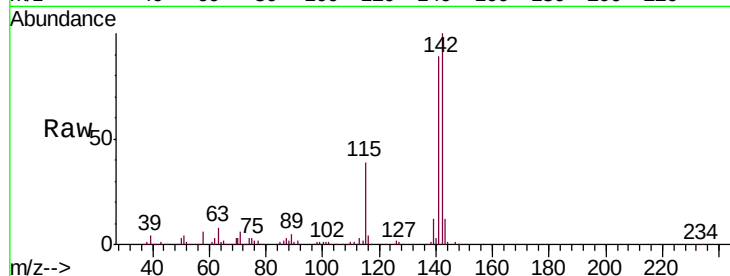




#37
 2-Methylnaphthalene
 Concen: 47.208 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

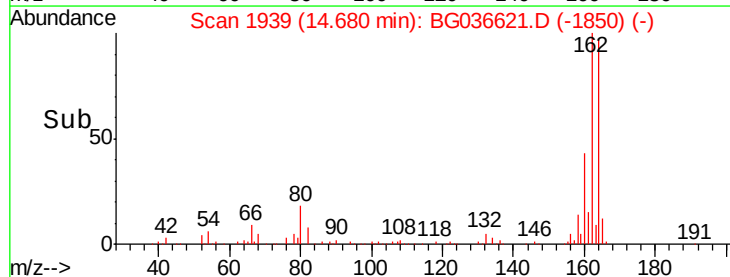
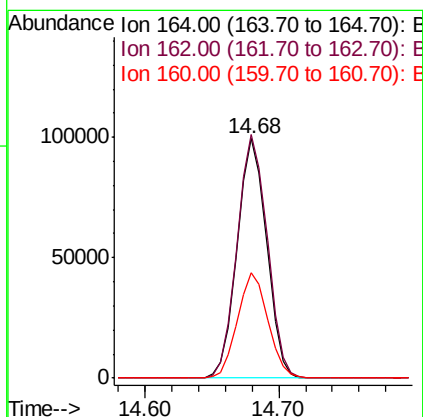
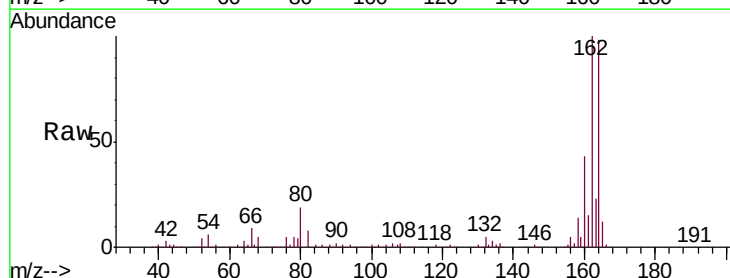
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

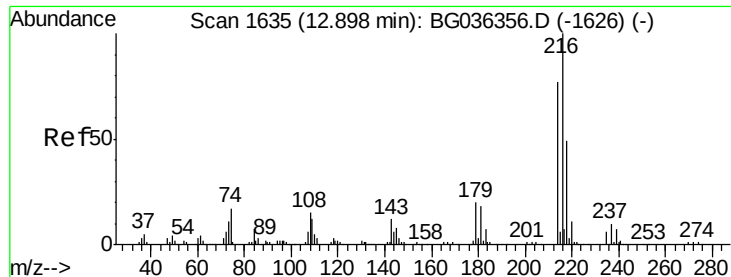
Tgt Ion:142 Resp: 383800
 Ion Ratio Lower Upper
 142 100
 141 89.1 68.5 102.7
 115 39.3 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:164 Resp: 152077
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.7 121.1
 160 44.0 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.915 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

Tgt Ion:216 Resp: 220198

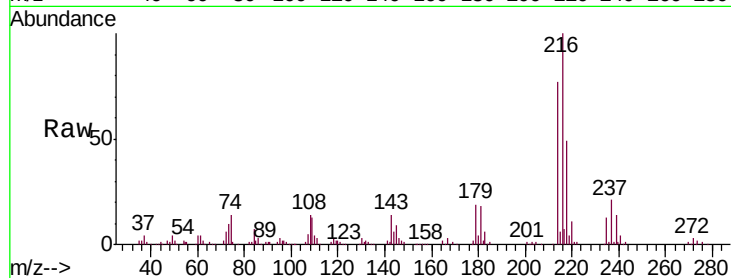
Ion Ratio Lower Upper

216 100

214 77.4 61.0 91.6

179 19.6 15.7 23.5

108 17.5 13.1 19.7

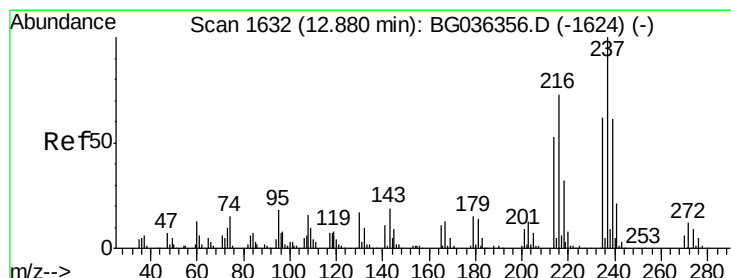
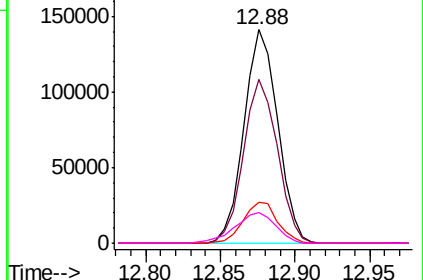
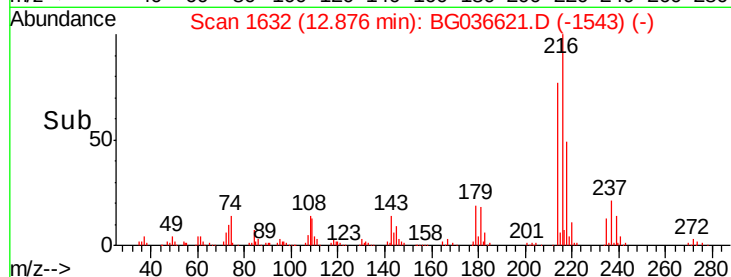


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 84.995 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

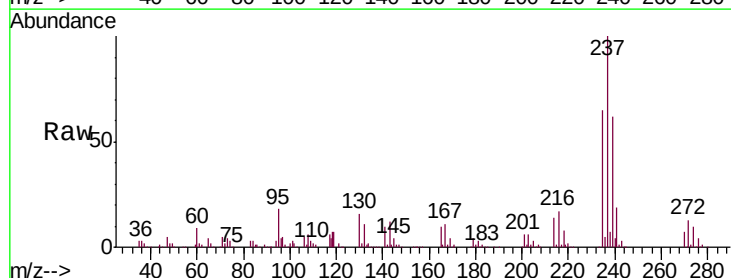
Tgt Ion:237 Resp: 238001

Ion Ratio Lower Upper

237 100

235 64.6 42.2 82.2

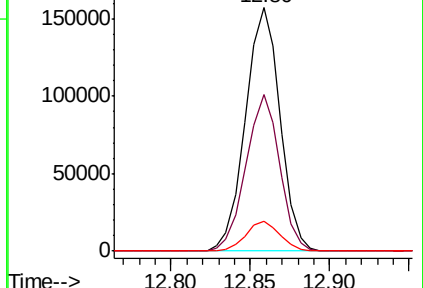
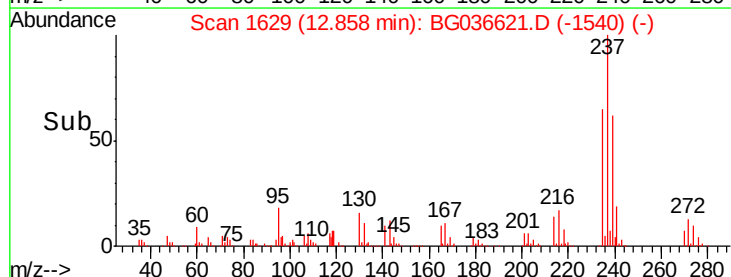
272 12.5 0.0 32.1

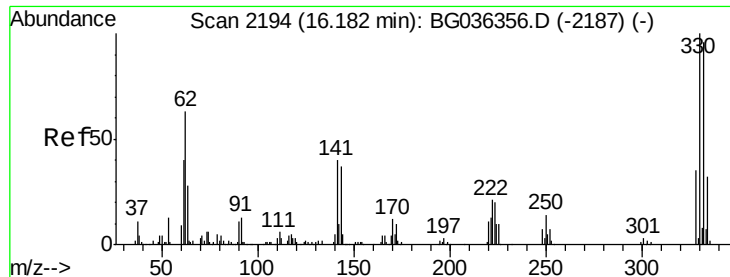


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 129.399 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

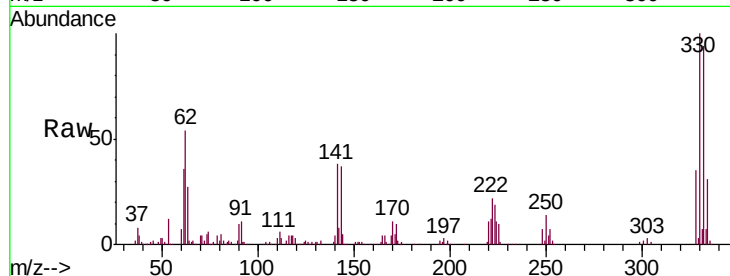
Tgt Ion:330 Resp: 234809

Ion Ratio Lower Upper

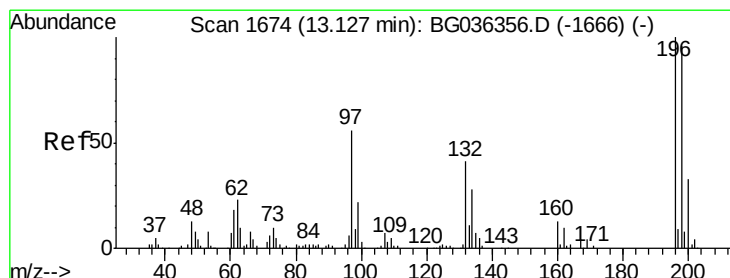
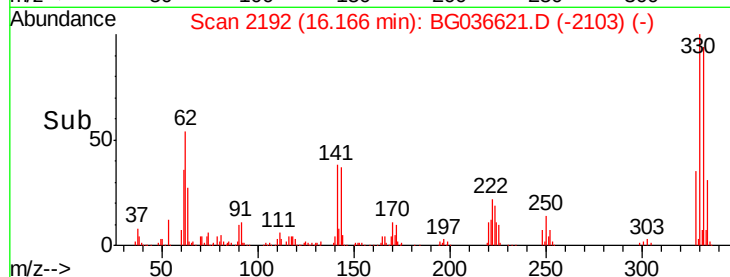
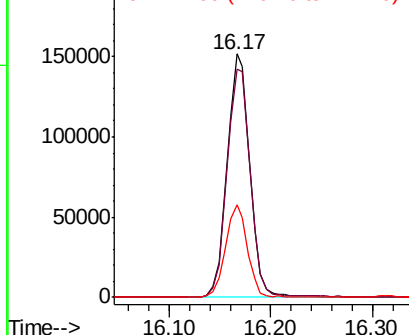
330 100

332 96.9 75.4 113.2

141 36.9 30.7 46.1



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



#42

2,4,6-Trichlorophenol

Concen: 46.034 ng

RT: 13.11 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

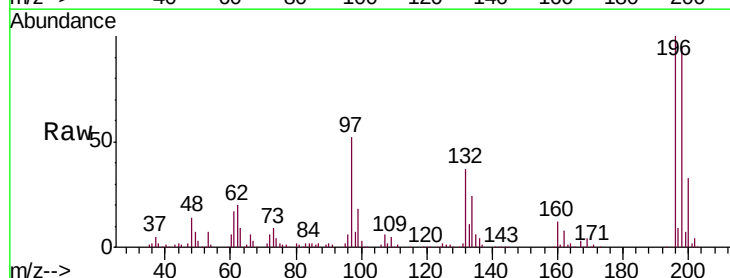
Tgt Ion:196 Resp: 150915

Ion Ratio Lower Upper

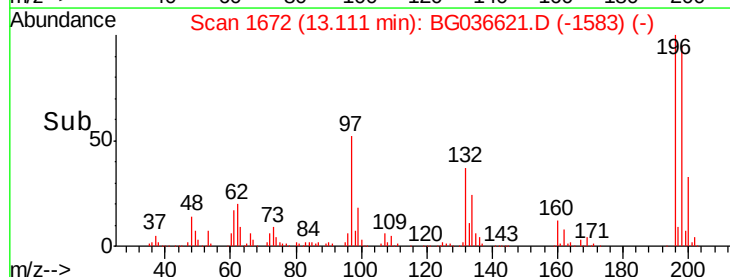
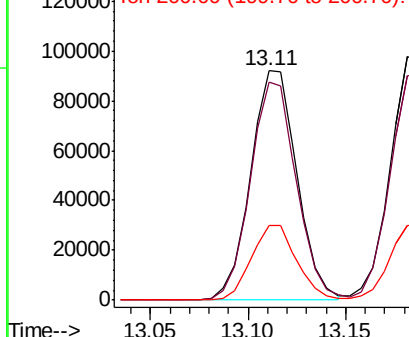
196 100

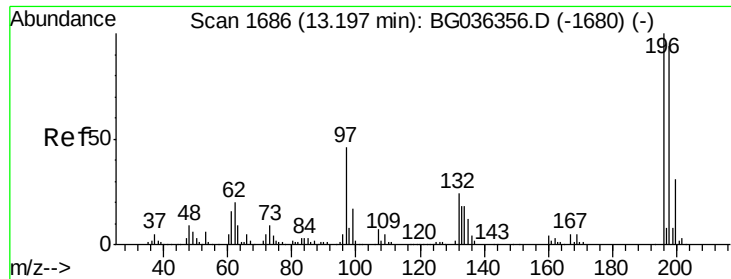
198 95.1 77.2 115.8

200 32.6 26.3 39.5



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

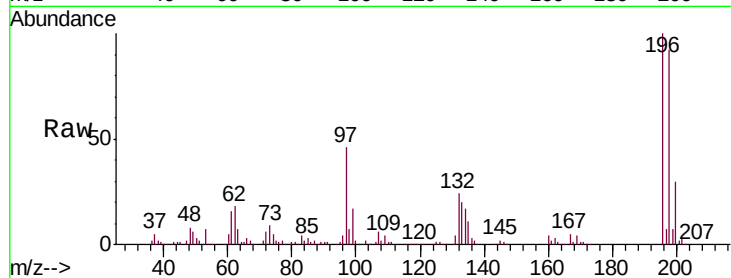




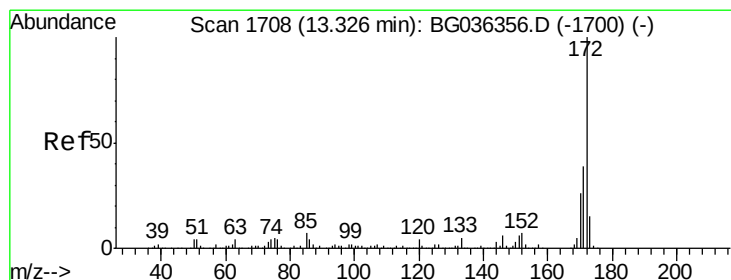
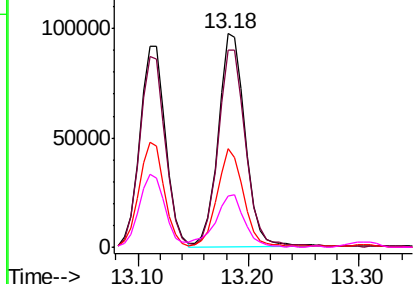
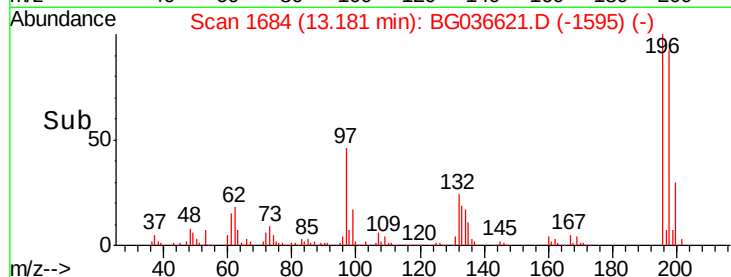
#43
 2,4,5-Trichlorophenol
 Concen: 47.315 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

Tgt Ion:	196	Resp:	165447
Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.6	113.4
97	46.0	37.2	55.8
132	24.0	19.4	29.2

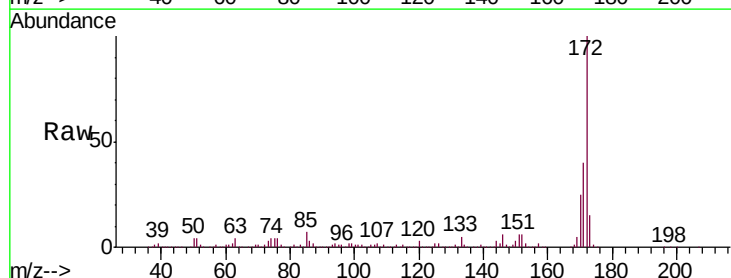


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

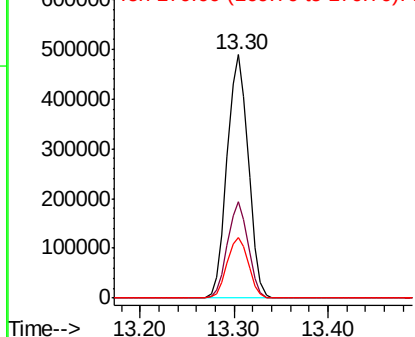
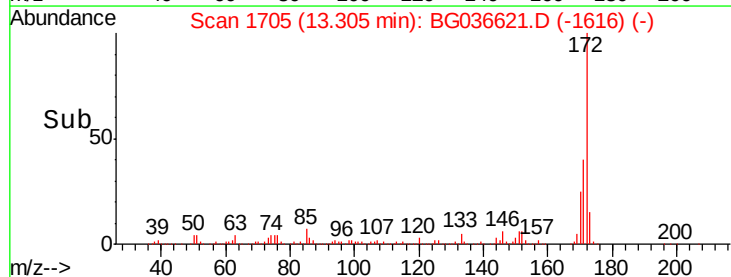


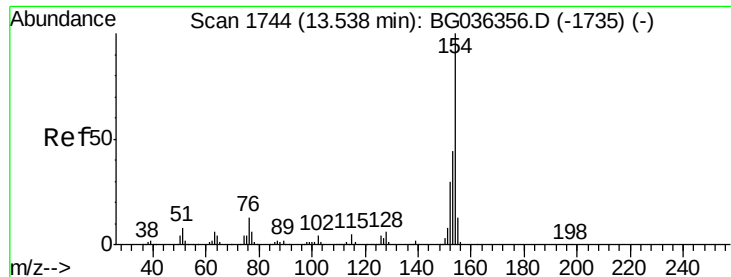
#44
 2-Fluorobiphenyl
 Concen: 72.081 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:	172	Resp:	767736
Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.3	46.9
170	24.9	21.0	31.6



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

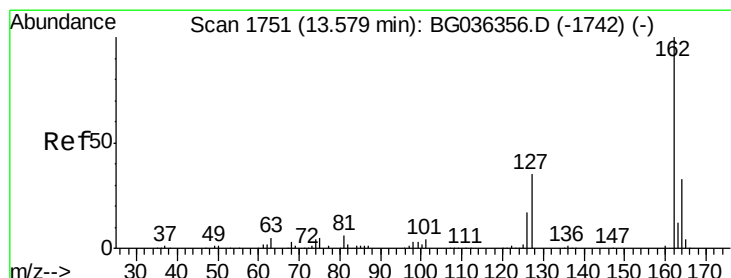
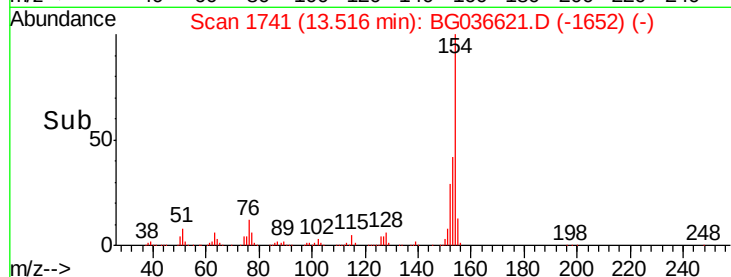
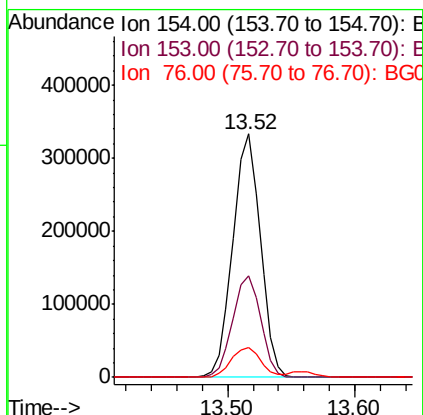
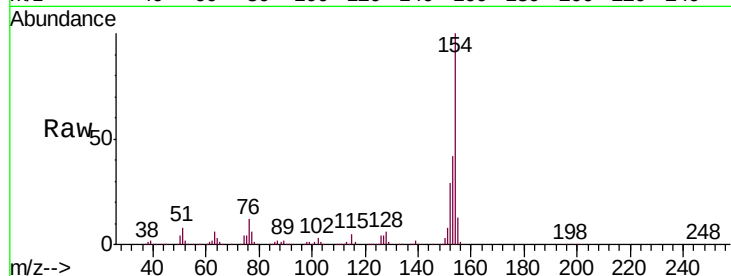




#45
 1,1'-Biphenyl
 Concen: 39.696 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

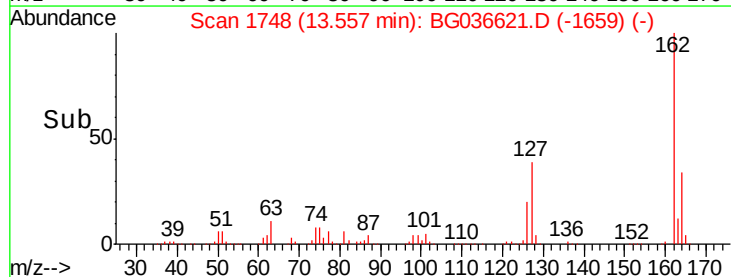
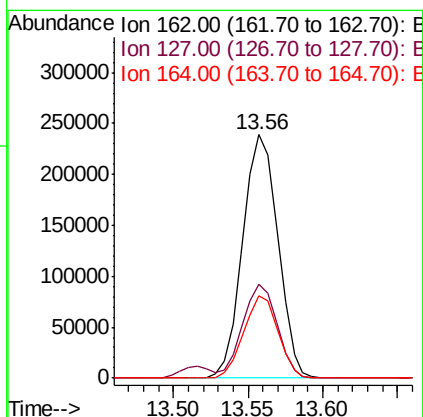
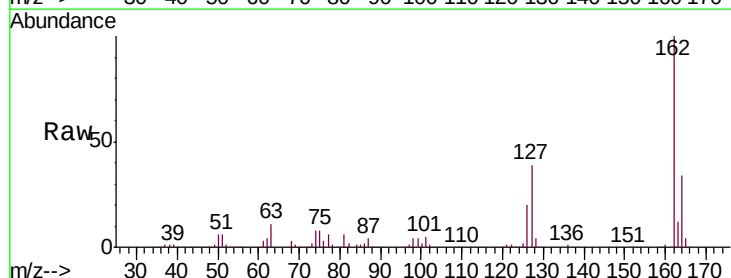
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

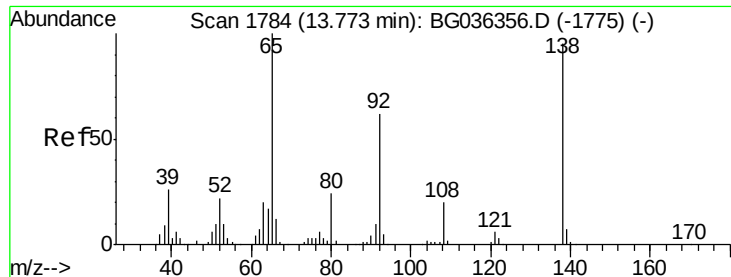
Tgt Ion:154 Resp: 501110
 Ion Ratio Lower Upper
 154 100
 153 41.8 24.0 64.0
 76 12.4 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 40.589 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:162 Resp: 391153
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.7 46.1
 164 33.7 26.7 40.1





#47

2-Nitroaniline

Concen: 48.707 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

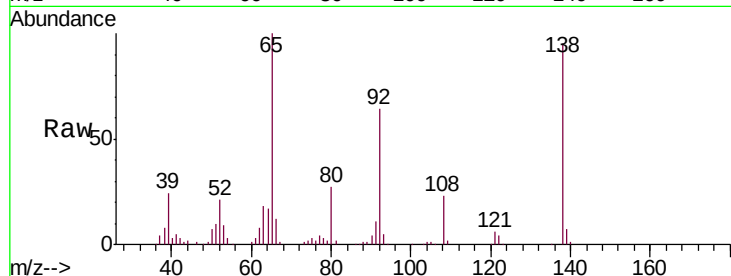
Tgt Ion: 65 Resp: 147397

Ion Ratio Lower Upper

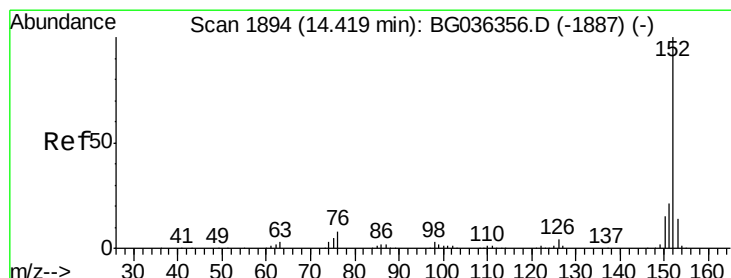
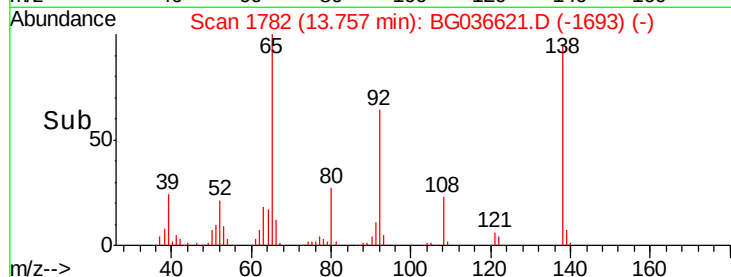
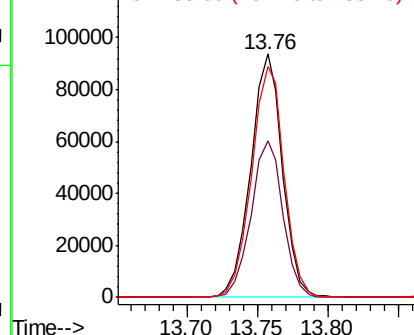
65 100

92 64.5 49.9 74.9

138 94.9 76.2 114.4



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): BGC



#48

Acenaphthylene

Concen: 44.348 ng

RT: 14.40 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

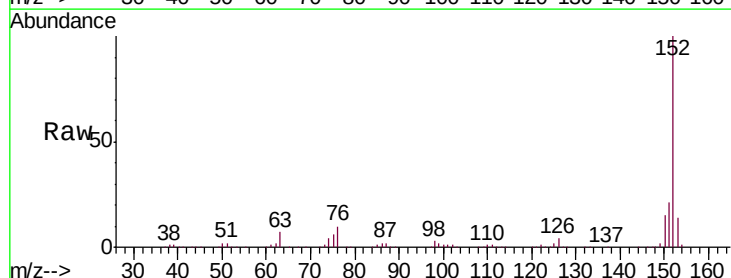
Tgt Ion: 152 Resp: 667935

Ion Ratio Lower Upper

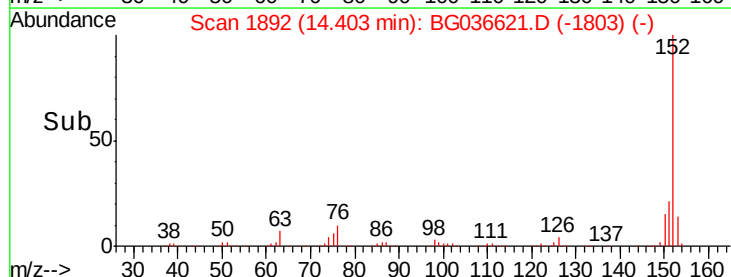
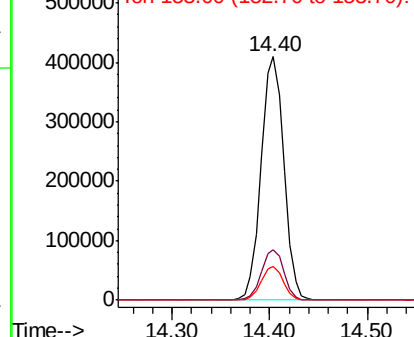
152 100

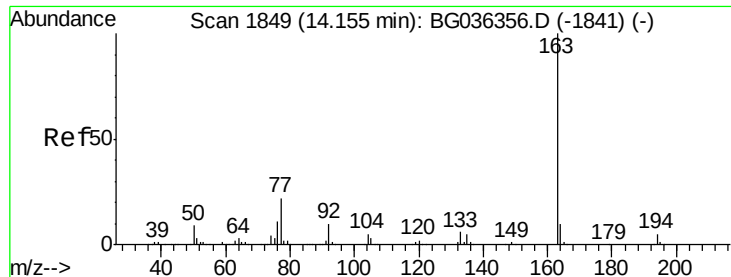
151 20.6 16.9 25.3

153 13.8 11.2 16.8



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





#49

Dimethylphthalate

Concen: 43.551 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

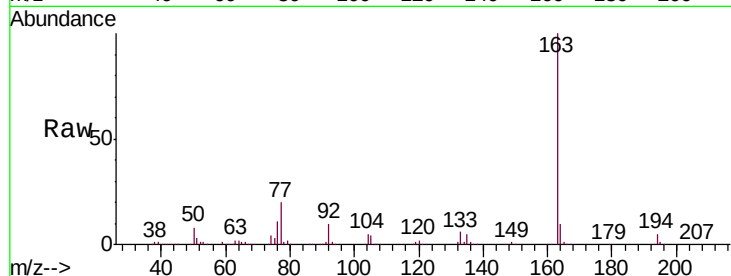
Tgt Ion:163 Resp: 540819

Ion Ratio Lower Upper

163 100

194 5.5 4.0 6.0

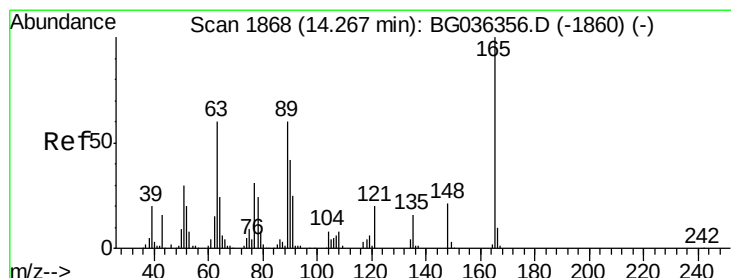
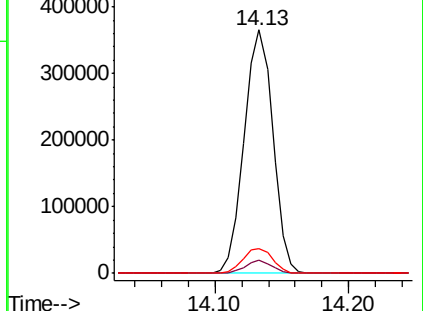
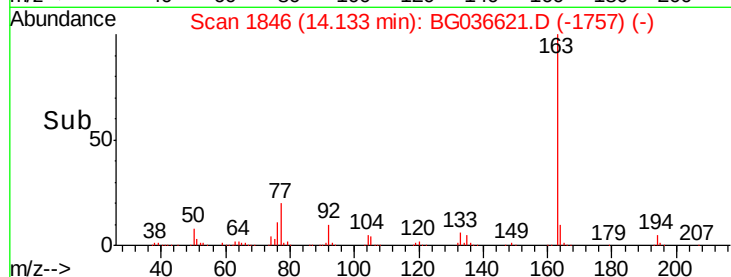
164 10.4 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 47.755 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

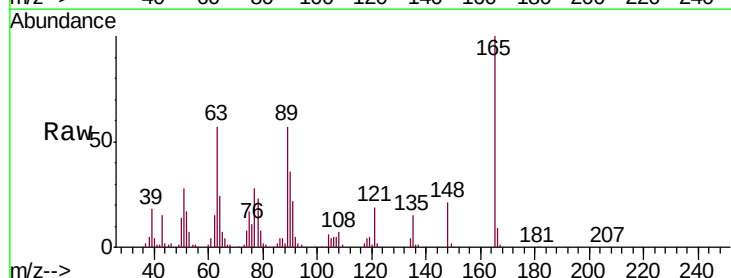
Tgt Ion:165 Resp: 122026

Ion Ratio Lower Upper

165 100

63 56.9 50.1 75.1

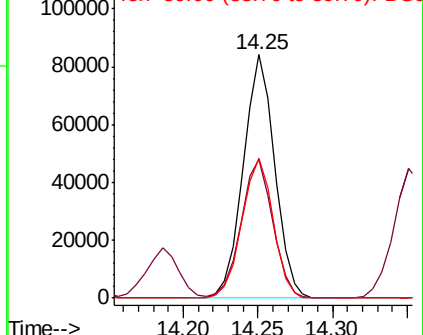
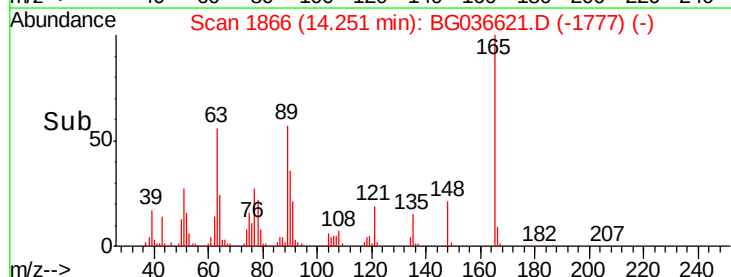
89 57.2 47.8 71.6

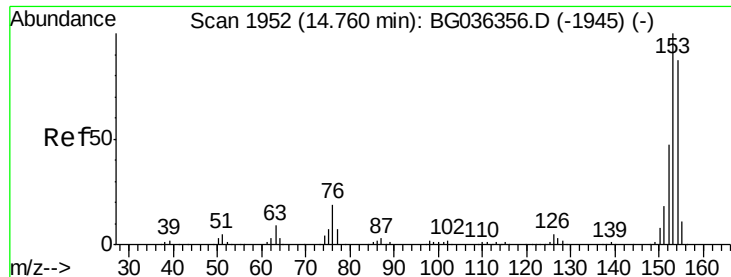


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.874 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

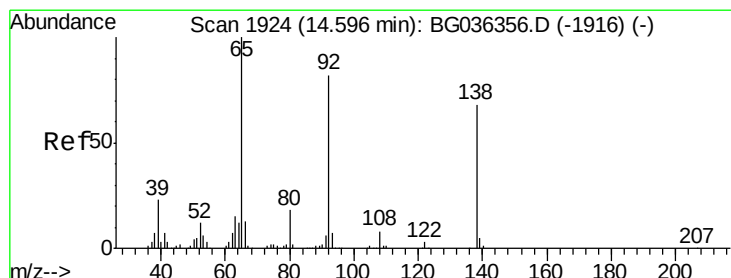
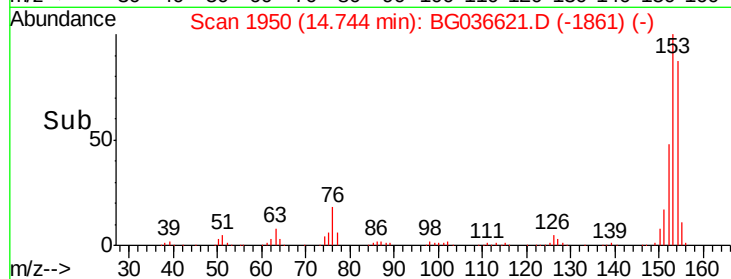
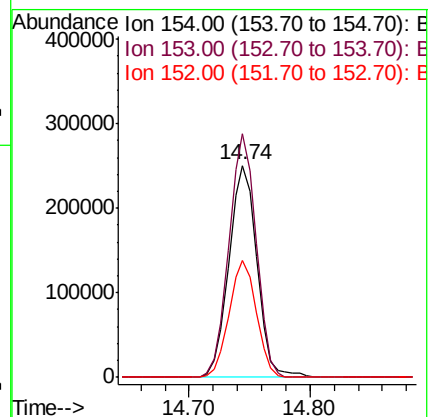
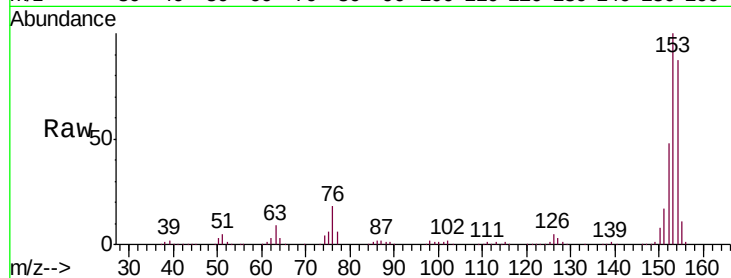
Tgt Ion:154 Resp: 403911

Ion Ratio Lower Upper

154 100

153 115.1 91.8 137.6

152 55.5 43.5 65.3



#52

3-Nitroaniline

Concen: 27.769 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

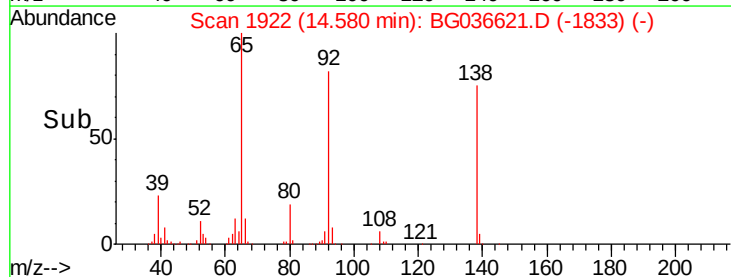
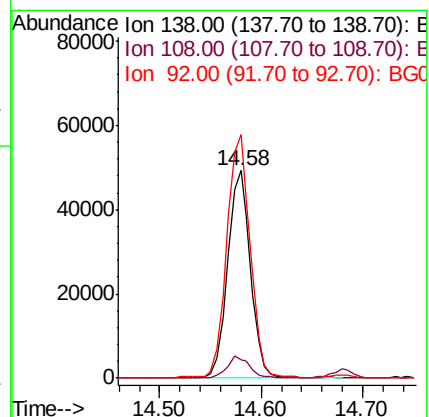
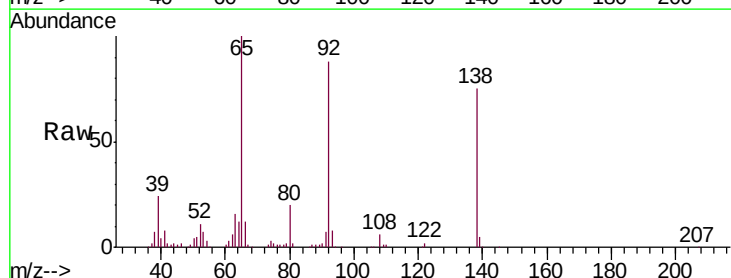
Tgt Ion:138 Resp: 76465

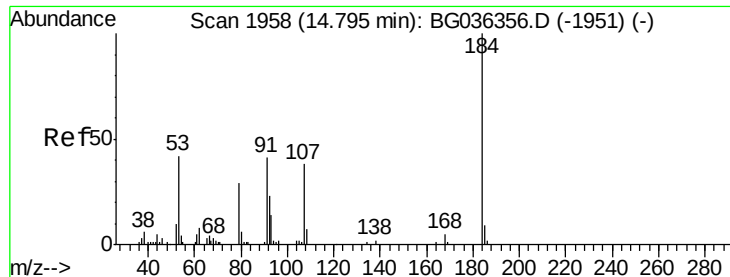
Ion Ratio Lower Upper

138 100

108 8.6 9.4 14.2#

92 117.3 96.8 145.2

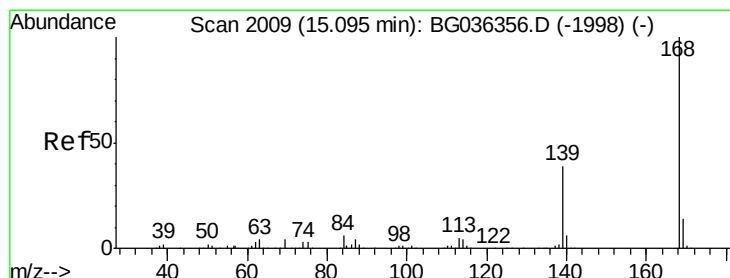
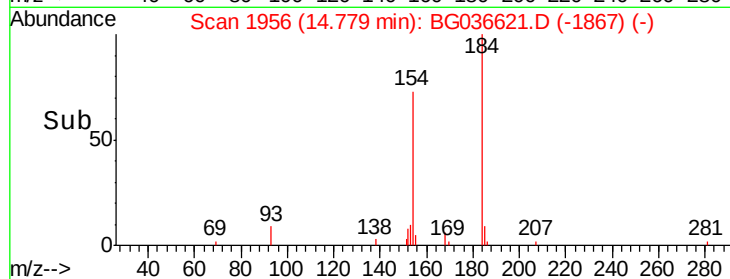
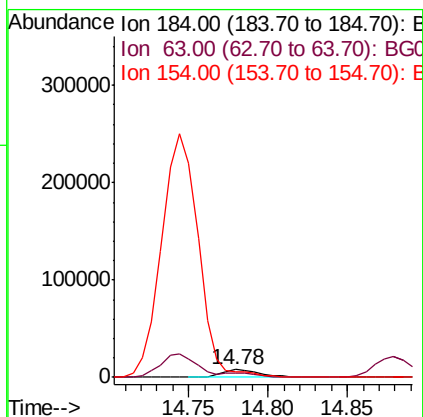
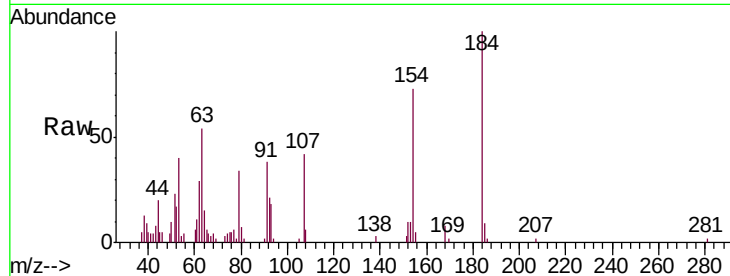




#53
2,4-Dinitrophenol
Concen: 14.258 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

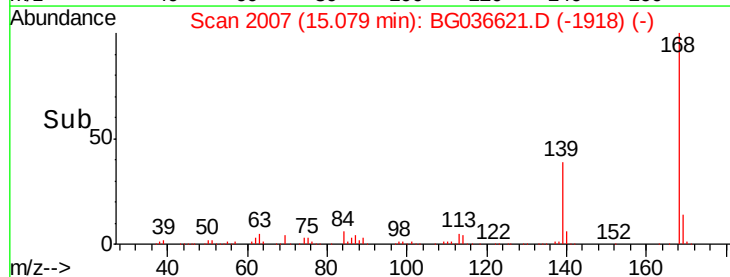
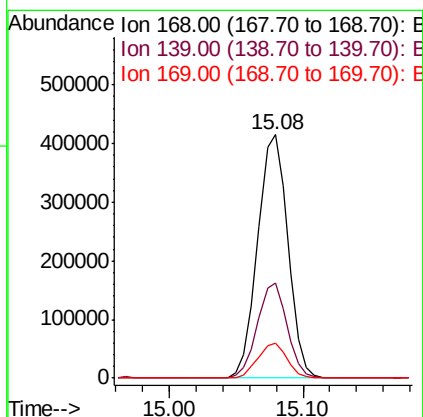
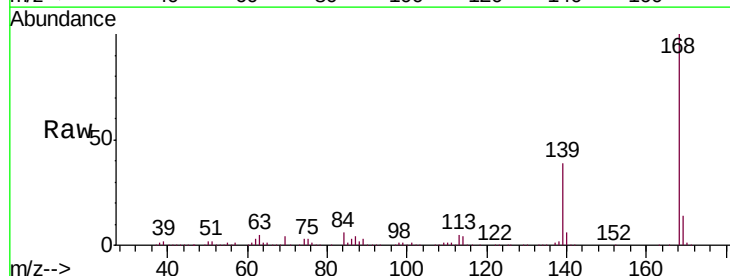
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

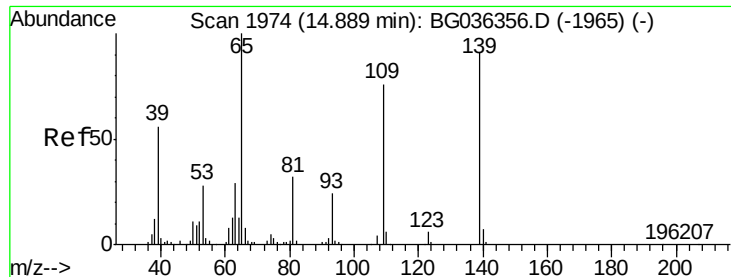
Tgt Ion:184 Resp: 13800
Ion Ratio Lower Upper
184 100
63 54.3 47.3 70.9
154 72.9 51.1 76.7



#54
Dibenzofuran
Concen: 42.838 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:168 Resp: 647366
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.6
169 14.1 11.1 16.7

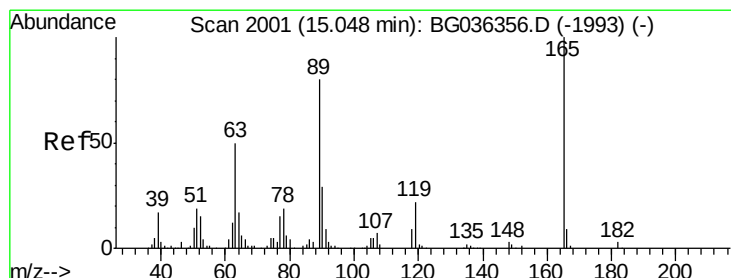
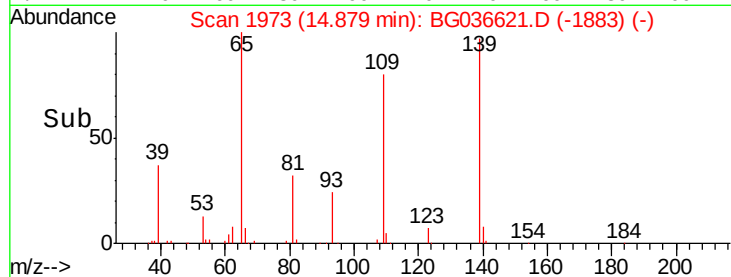
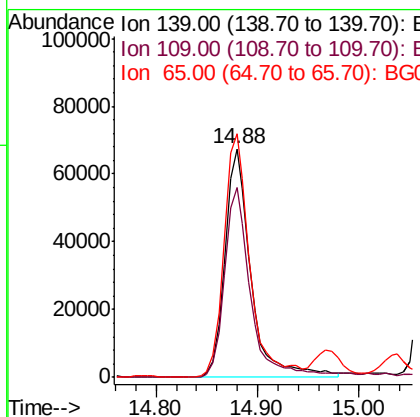
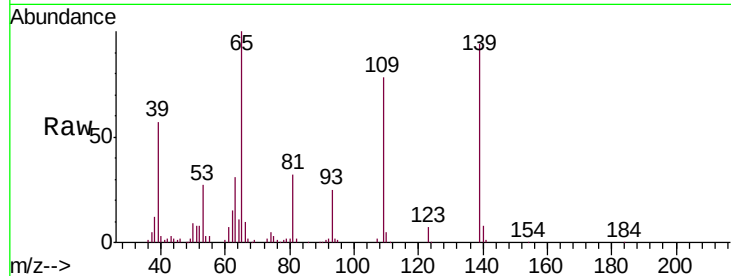




#55
4-Nitrophenol
Concen: 53.237 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

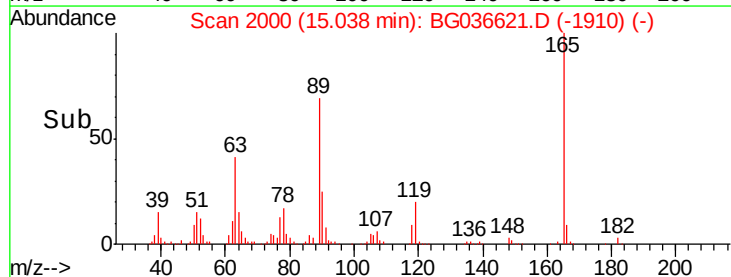
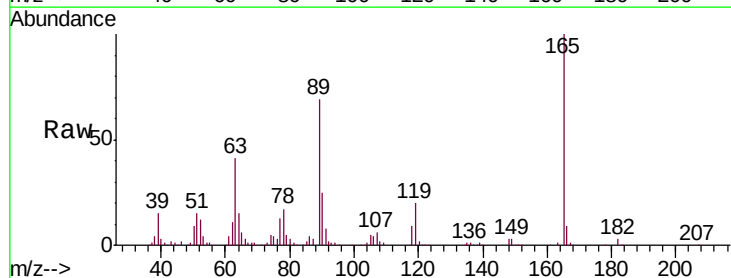
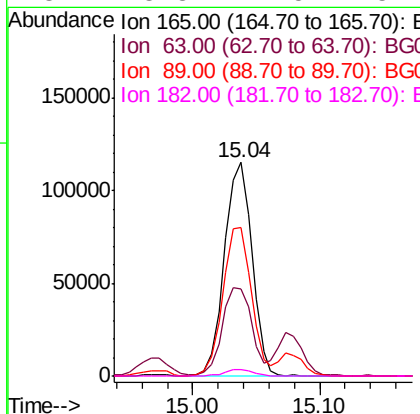
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

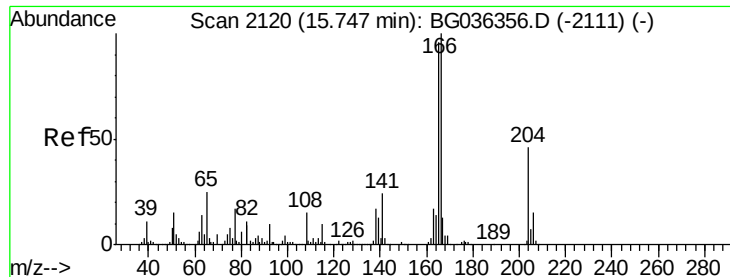
Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.1	63.9	103.9
65	106.5	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 51.890 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.7	40.1	60.1
89	69.4	63.7	95.5
182	3.3	2.5	3.7

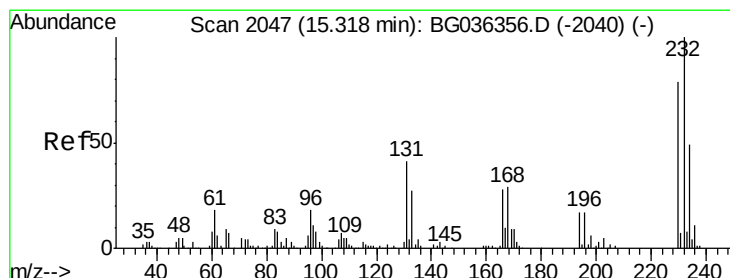
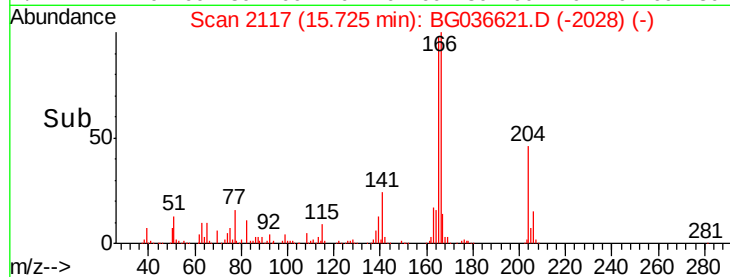
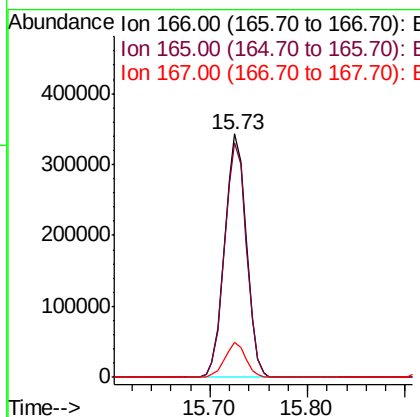
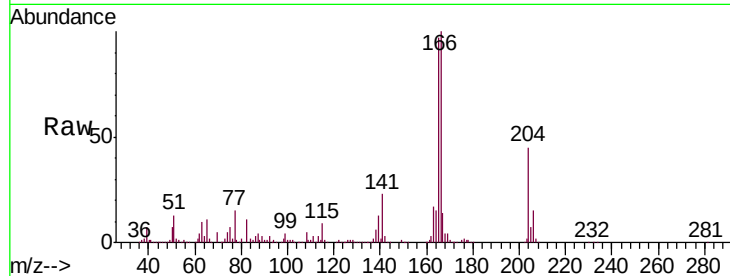




#57
 Fluorene
 Concen: 46.810 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

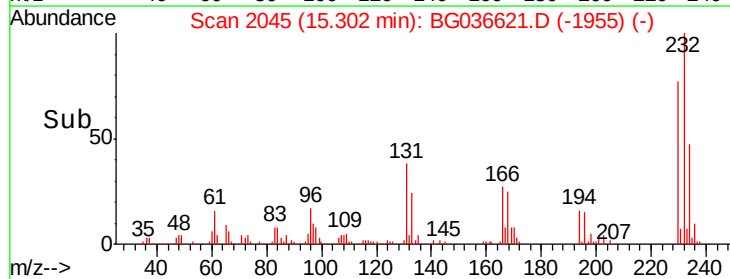
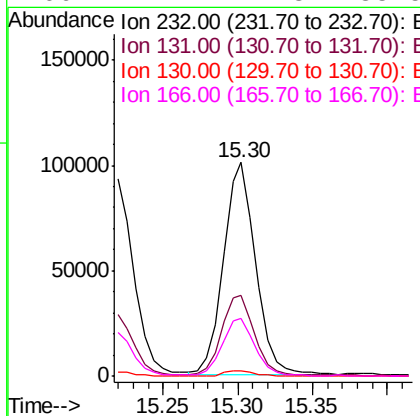
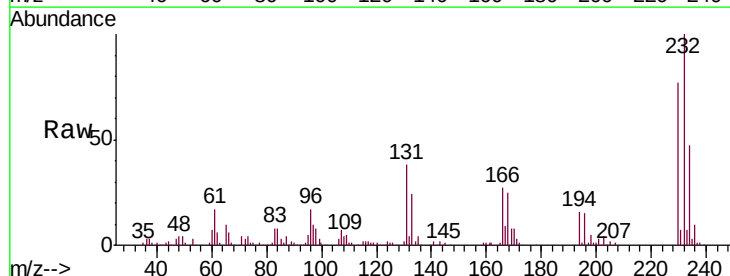
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

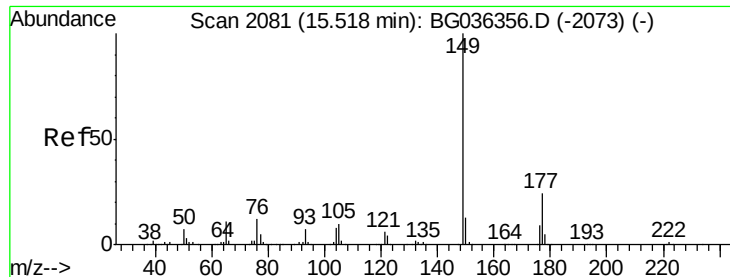
Tgt Ion:166 Resp: 528818
 Ion Ratio Lower Upper
 166 100
 165 96.6 77.0 115.4
 167 14.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.306 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:232 Resp: 152129
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.8 50.8
 130 2.3 2.1 3.1
 166 27.2 22.3 33.5

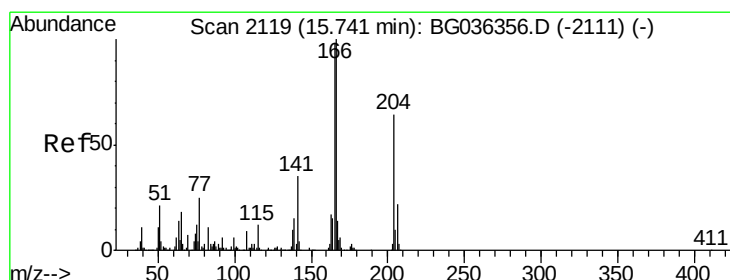
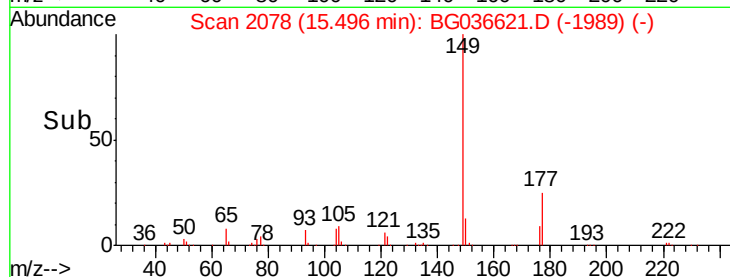
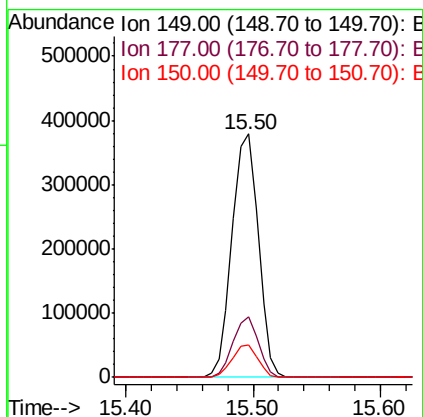
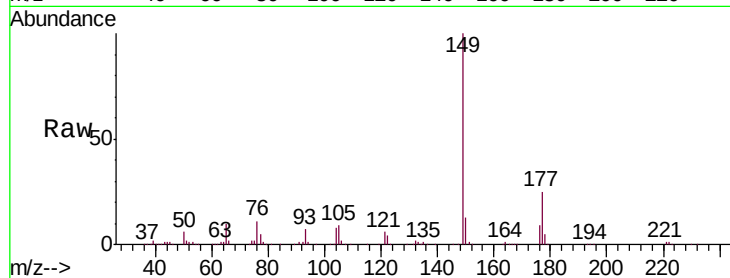




#59
Diethylphthalate
Concen: 43.539 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

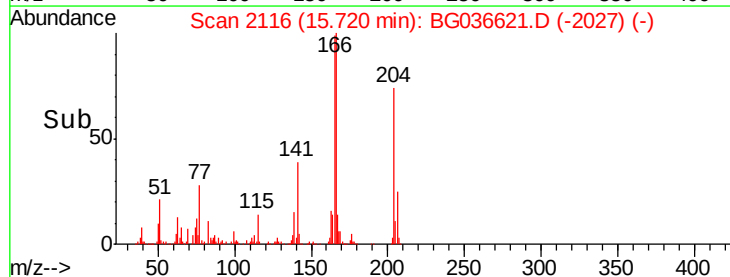
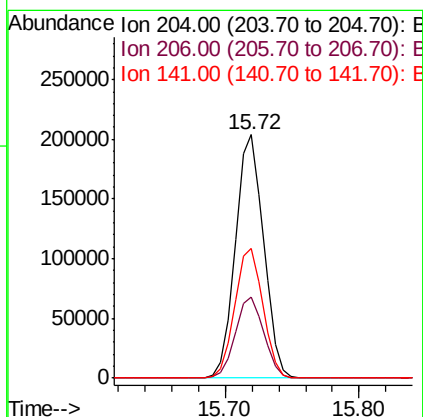
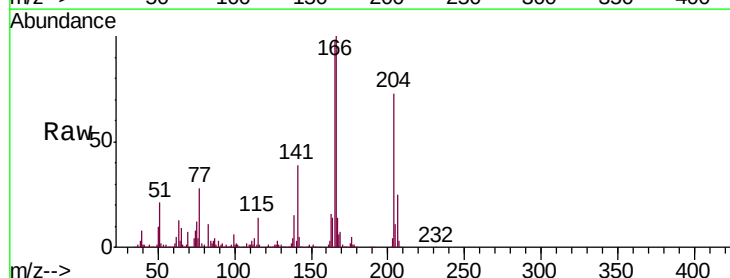
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

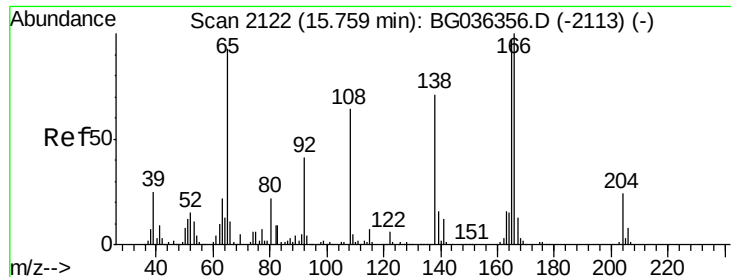
Tgt Ion:149 Resp: 544880
Ion Ratio Lower Upper
149 100
177 25.0 19.1 28.7
150 13.1 10.7 16.1



#60
4-Chlorophenyl-phenylether
Concen: 42.758 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:204 Resp: 298275
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 53.4 43.8 65.6

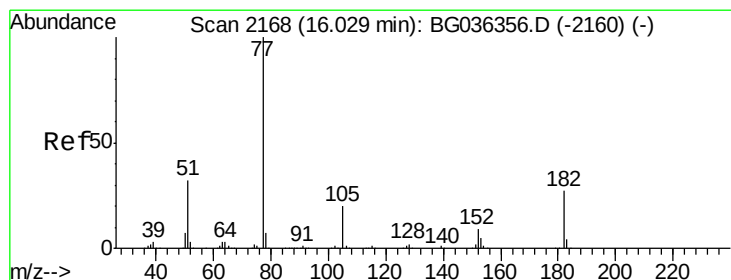
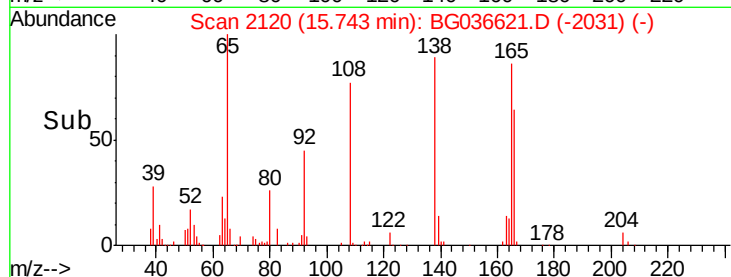
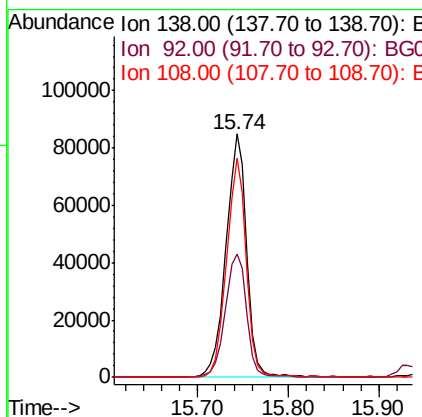
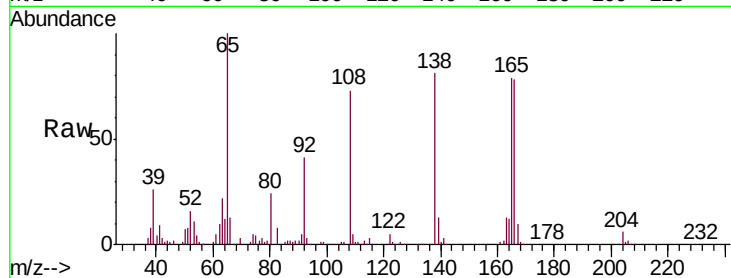




#61
4-Nitroaniline
Concen: 46.671 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

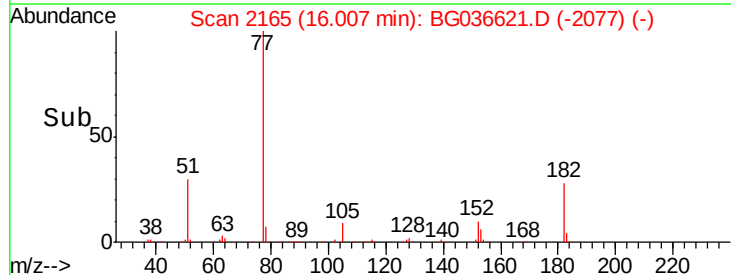
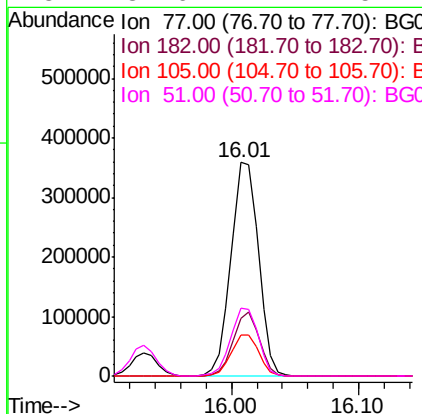
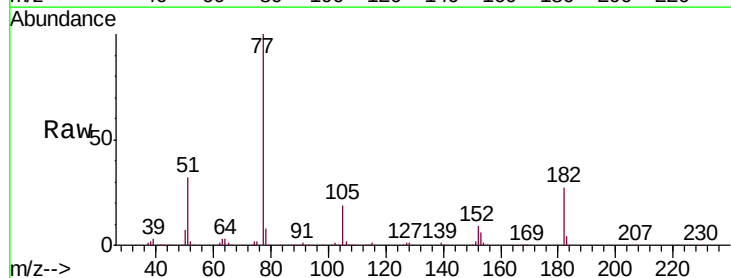
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

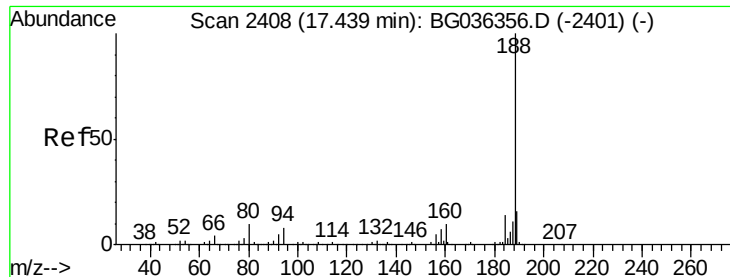
Tgt Ion: 138 Resp: 134481
Ion Ratio Lower Upper
138 100
92 50.8 38.5 78.5
108 90.1 70.3 110.3



#62
Azobenzene
Concen: 42.156 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion: 77 Resp: 536786
Ion Ratio Lower Upper
77 100
182 26.9 6.7 46.7
105 19.3 0.0 39.8
51 31.6 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

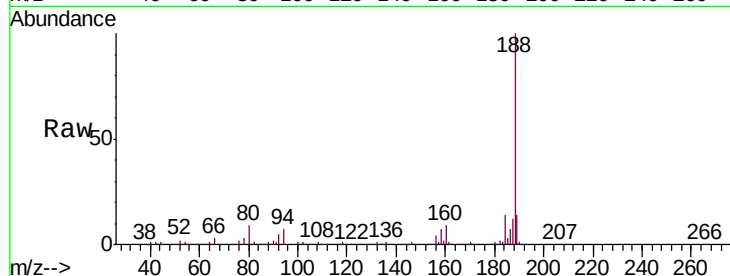
Tgt Ion:188 Resp: 401187

Ion Ratio Lower Upper

188 100

94 7.1 6.7 10.1

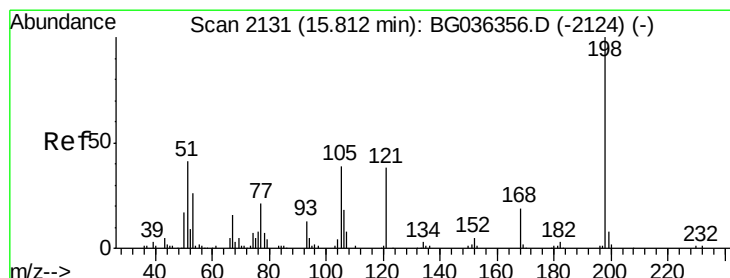
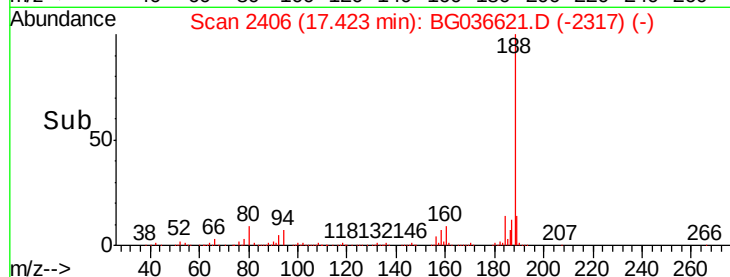
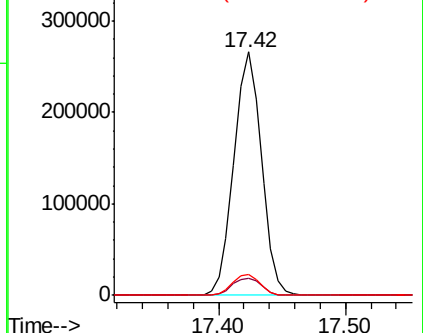
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 13.181 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

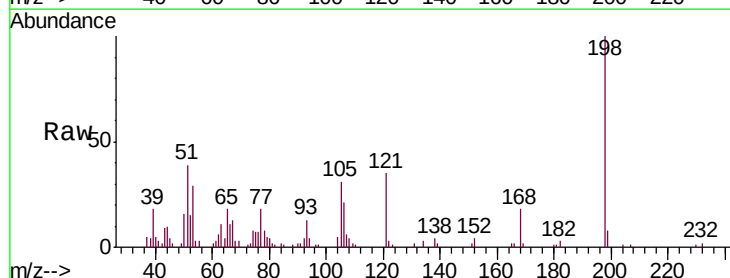
Tgt Ion:198 Resp: 23230

Ion Ratio Lower Upper

198 100

51 39.4 26.5 66.5

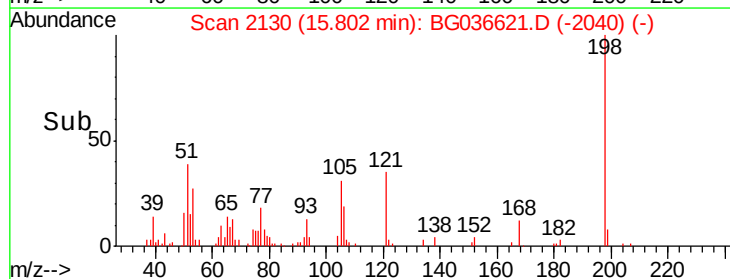
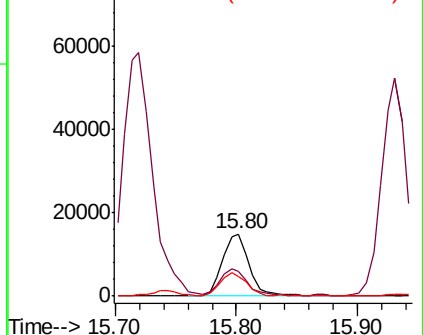
105 30.7 20.2 60.2

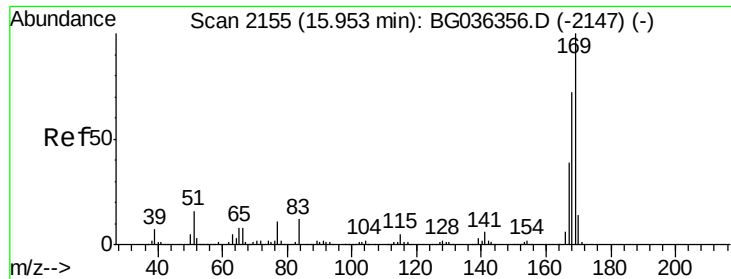


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

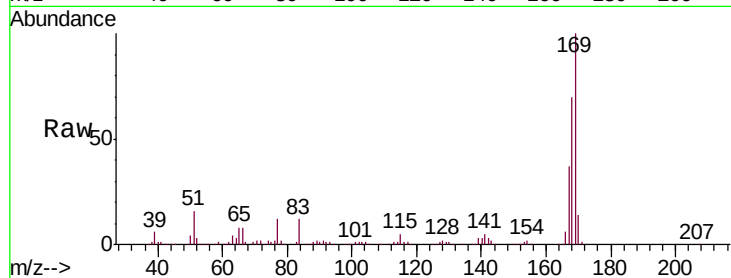




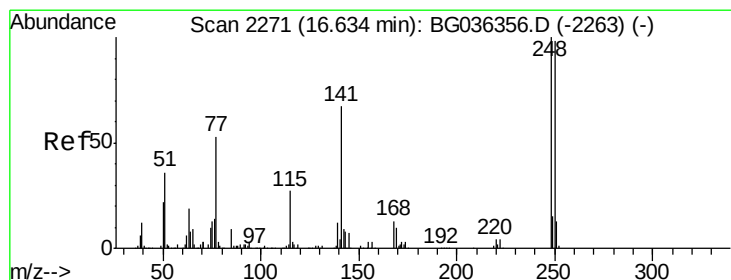
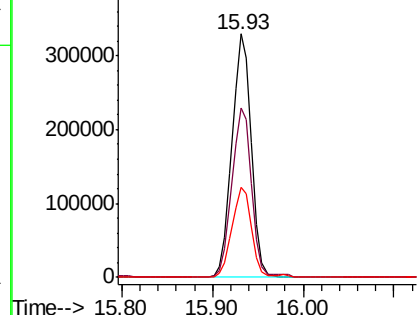
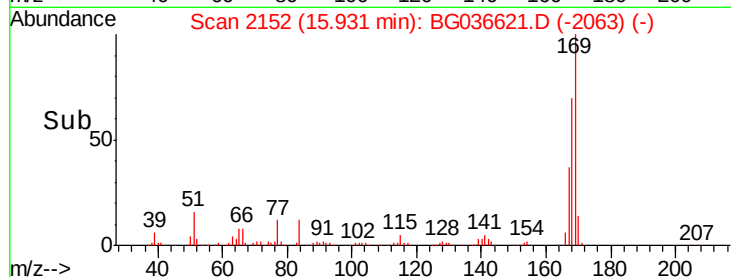
#65
 n-Nitrosodiphenylamine
 Concen: 40.922 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

Tgt Ion:169 Resp: 487822
 Ion Ratio Lower Upper
 169 100
 168 69.7 57.6 86.4
 167 37.2 31.0 46.4

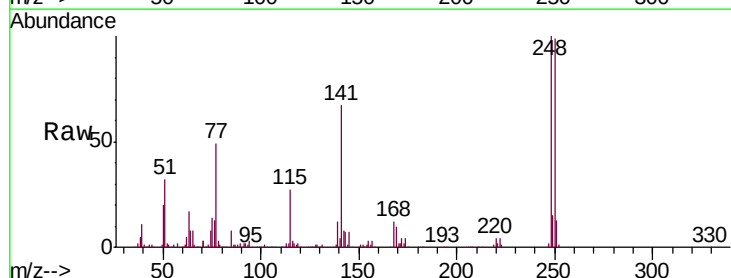


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

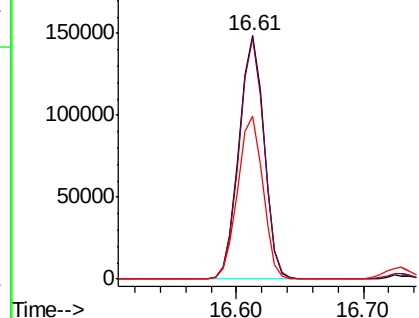
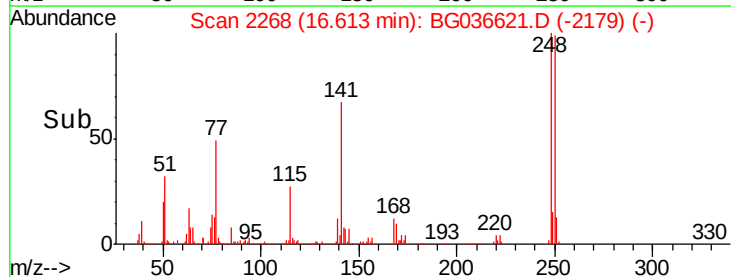


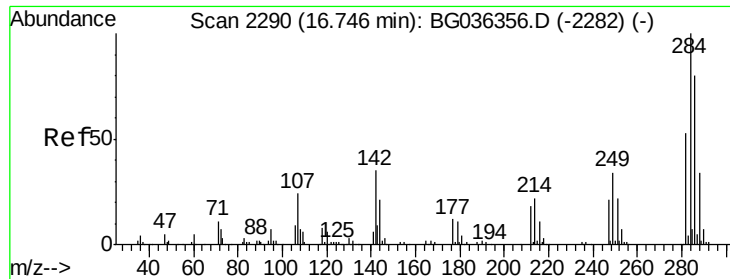
#66
 4-Bromophenyl-phenylether
 Concen: 43.064 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:248 Resp: 202275
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.1 117.1
 141 67.0 53.7 80.5



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





#67

Hexachlorobenzene

Concen: 43.530 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

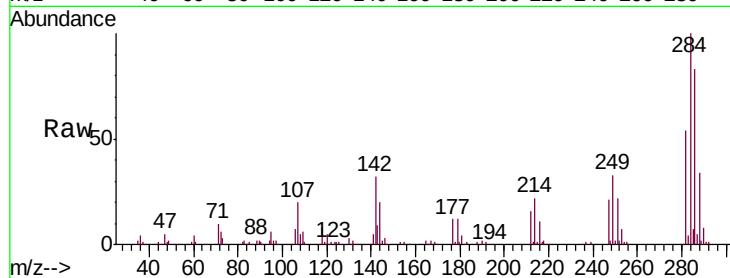
Tgt Ion:284 Resp: 209070

Ion Ratio Lower Upper

284 100

142 31.7 27.8 41.6

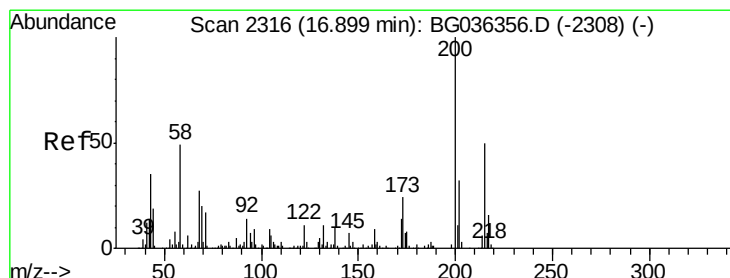
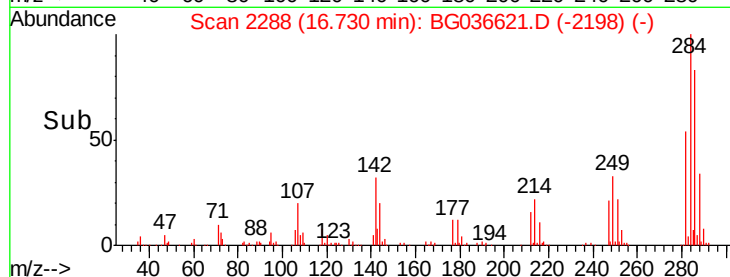
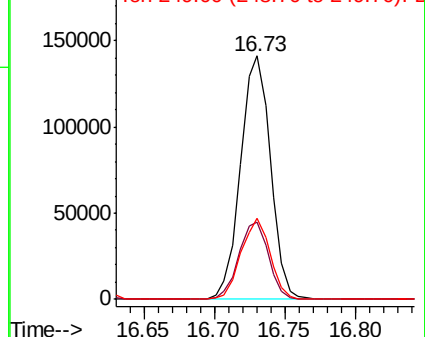
249 33.2 27.4 41.2



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



#68

Atrazine

Concen: 48.157 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

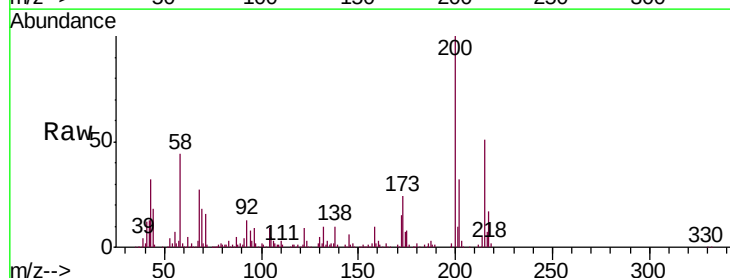
Tgt Ion:200 Resp: 215475

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

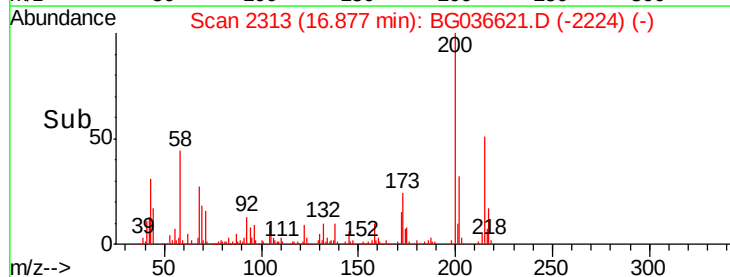
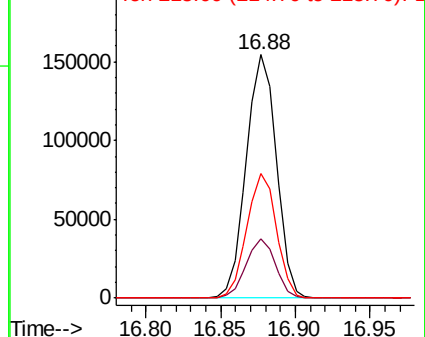
215 51.2 30.4 70.4

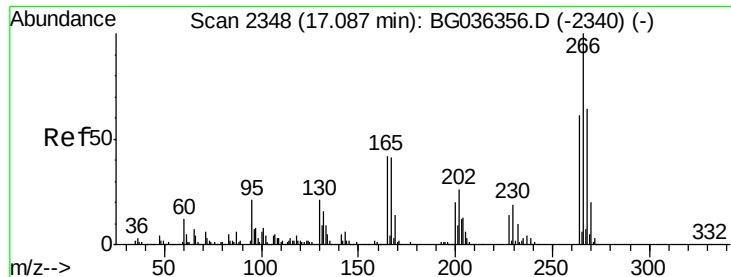


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 29.932 ng

RT: 17.07 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

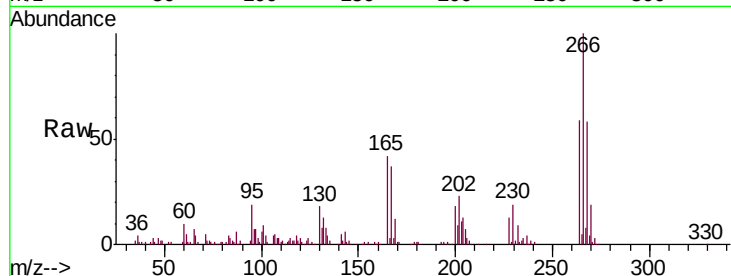
Tgt Ion:266 Resp: 97707

Ion Ratio Lower Upper

266 100

268 58.0 51.4 77.2

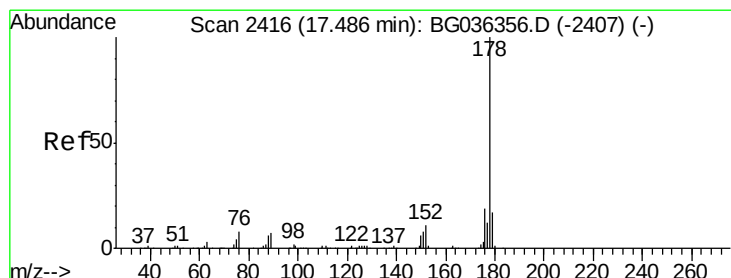
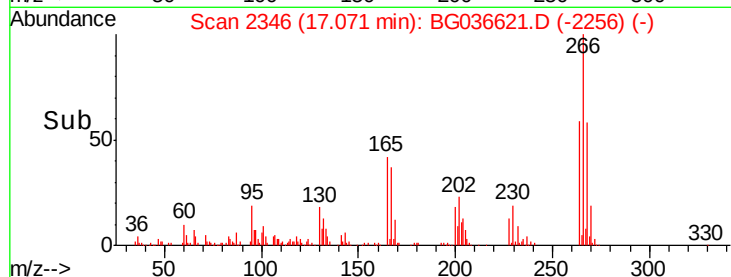
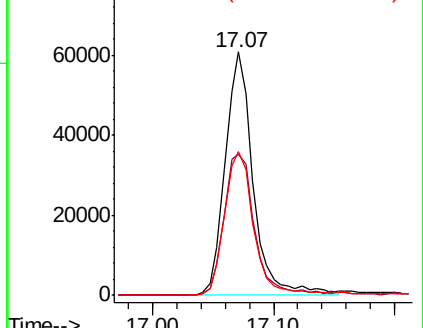
264 59.1 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.230 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

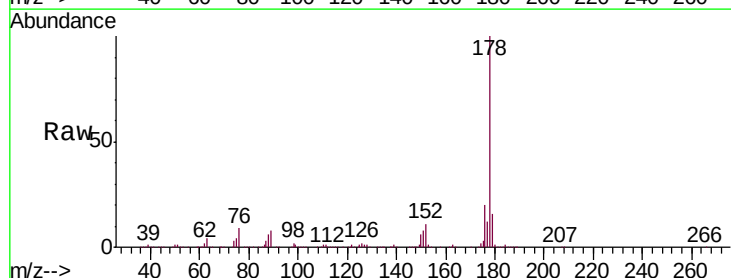
Tgt Ion:178 Resp: 922036

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

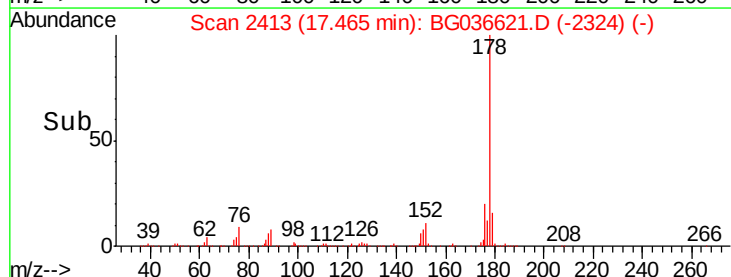
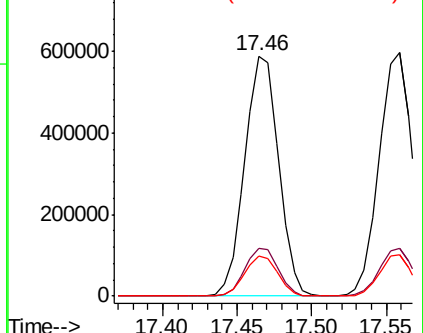
179 16.5 13.4 20.2

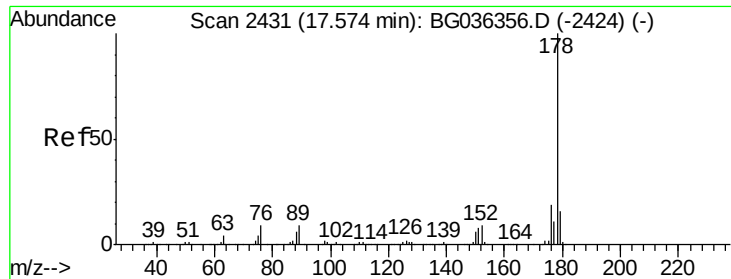


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

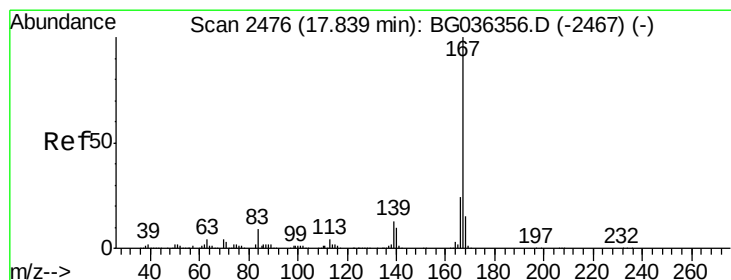
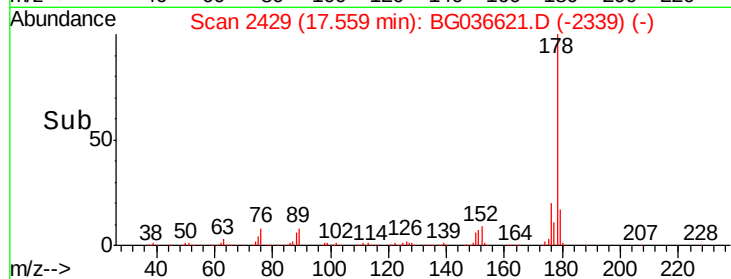
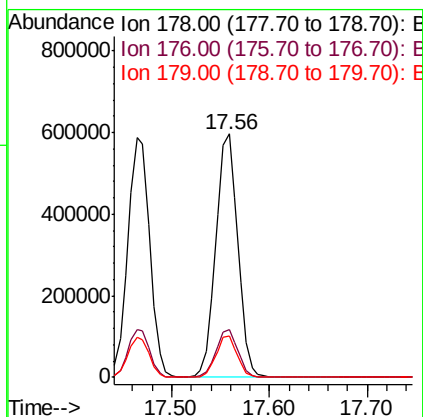
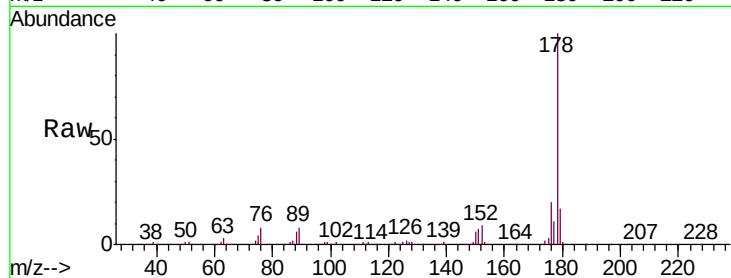




#71
 Anthracene
 Concen: 45.812 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

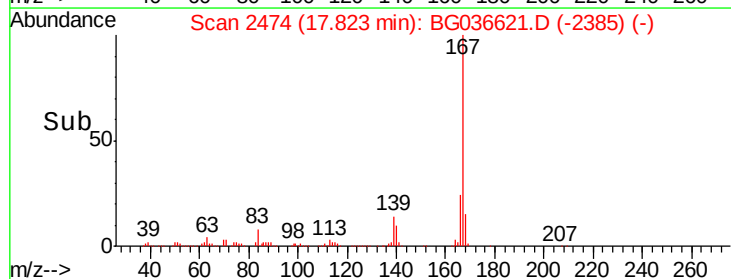
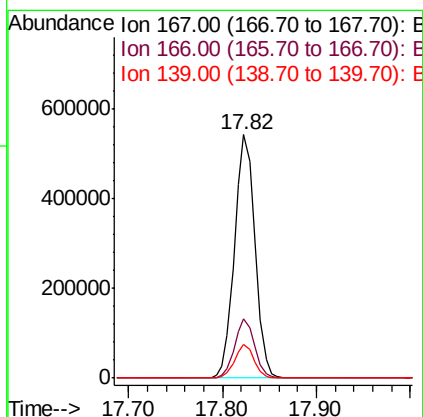
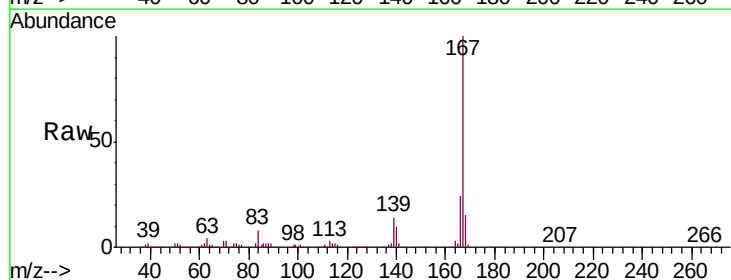
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

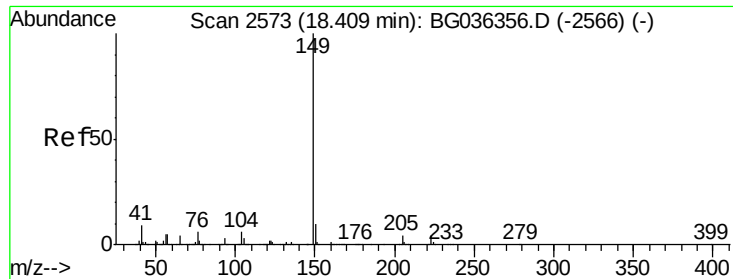
Tgt Ion:178 Resp: 930932
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.9 13.0 19.4



#72
 Carbazole
 Concen: 40.532 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:167 Resp: 822557
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.5 29.3
 139 13.7 10.7 16.1

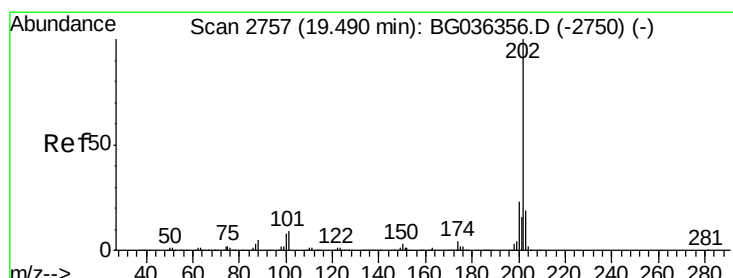
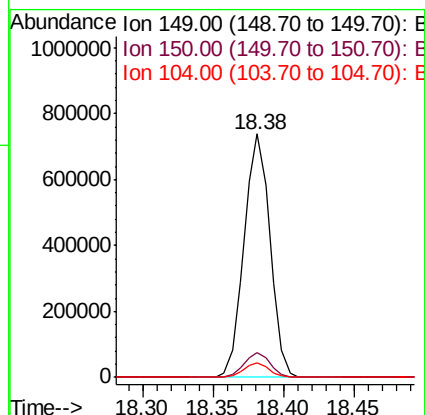
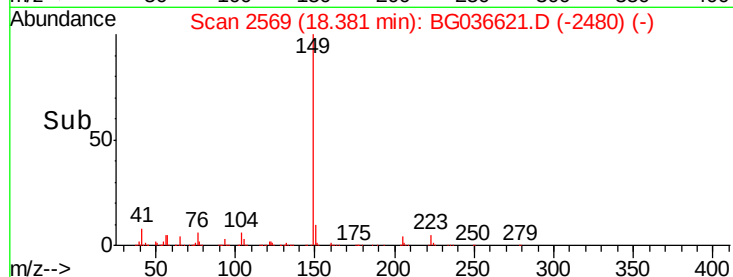
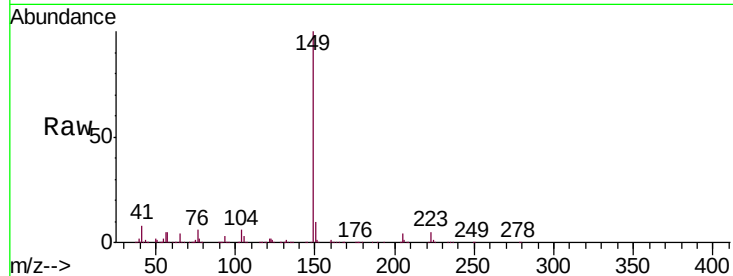




#73
Di-n-butylphthalate
Concen: 42.115 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

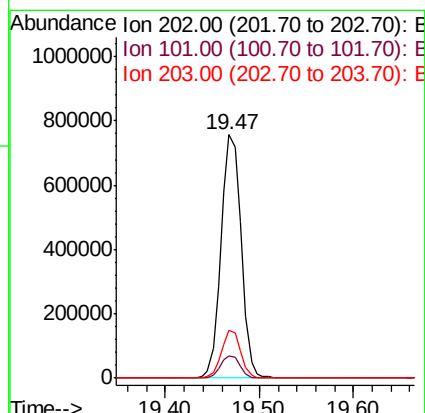
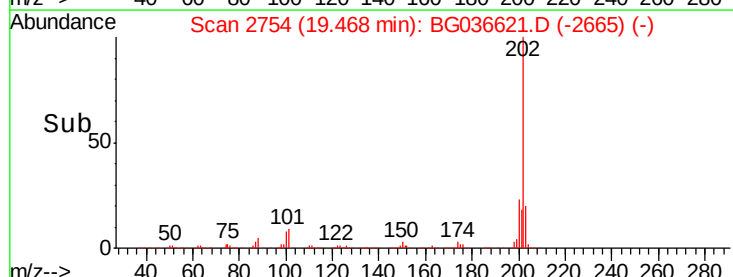
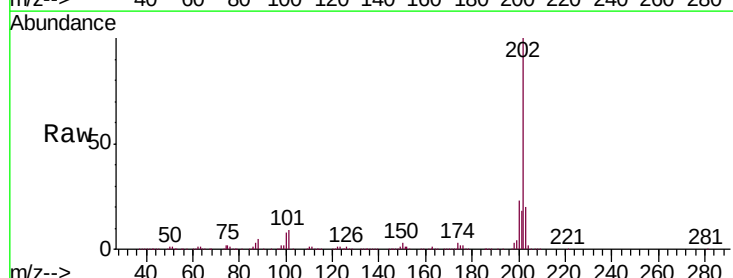
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

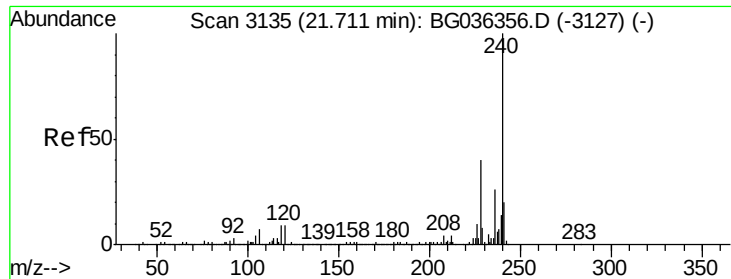
Tgt Ion:149 Resp: 951740
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 6.1 4.6 6.8



#74
Fluoranthene
Concen: 45.578 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:202 Resp: 1132795
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 19.6 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

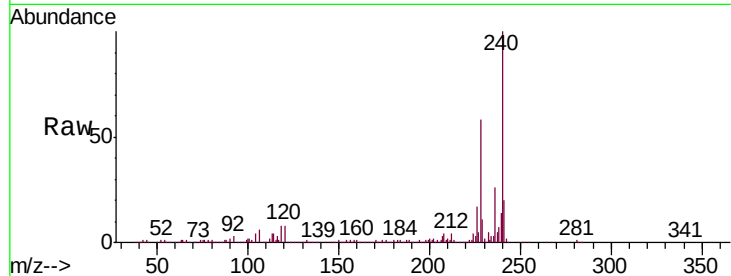
Tgt Ion:240 Resp: 409383

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

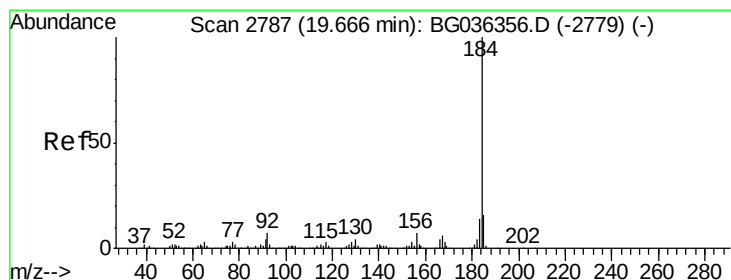
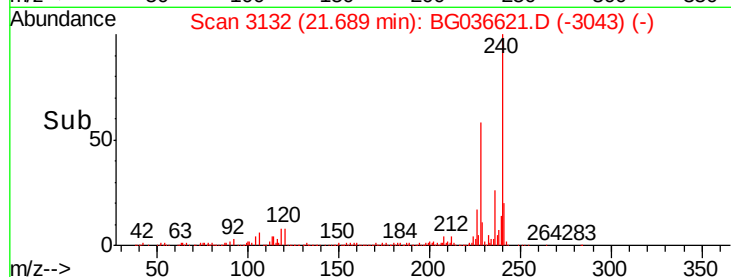
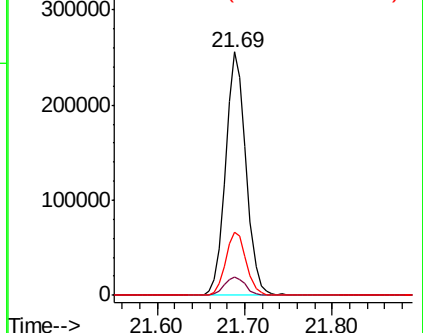
236 26.1 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.099 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

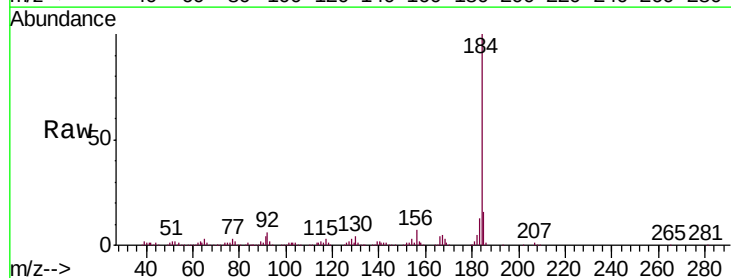
Tgt Ion:184 Resp: 210272

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

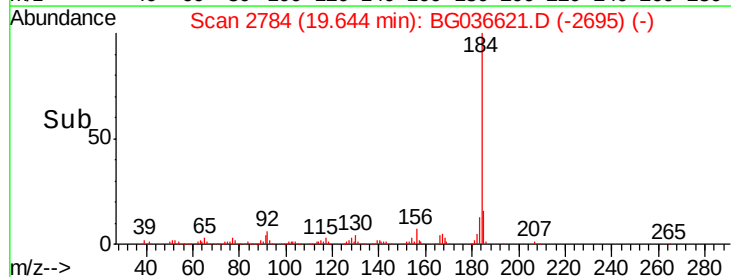
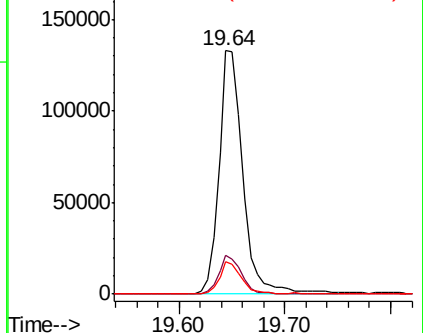
183 13.3 10.9 16.3

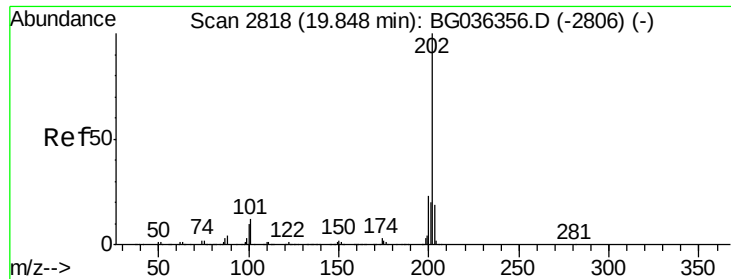


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

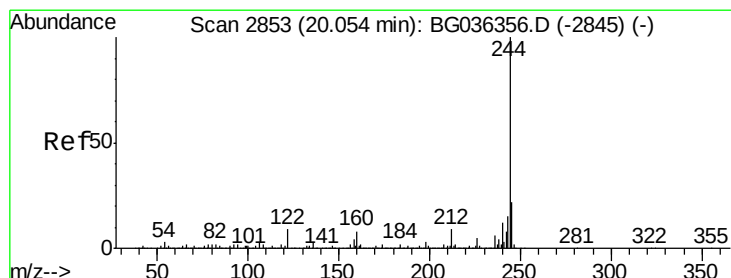
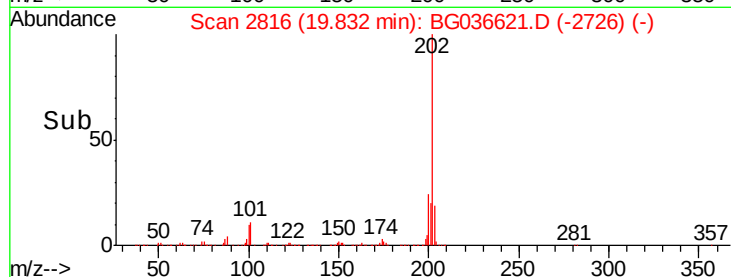
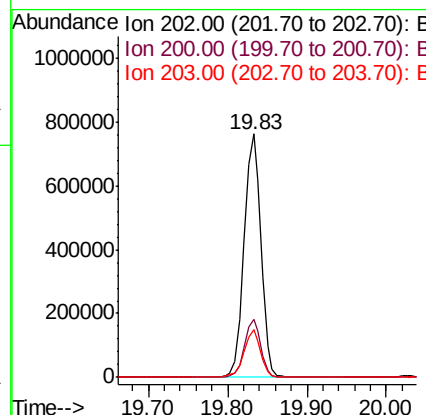
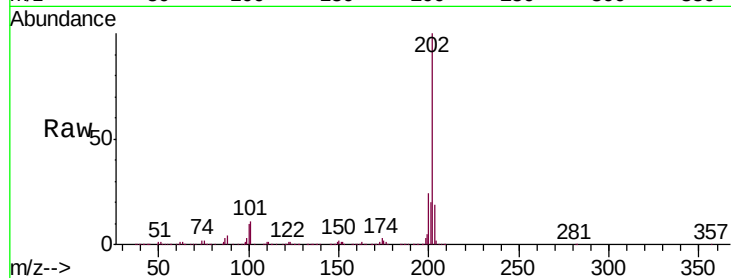




#77
 Pyrene
 Concen: 44.541 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

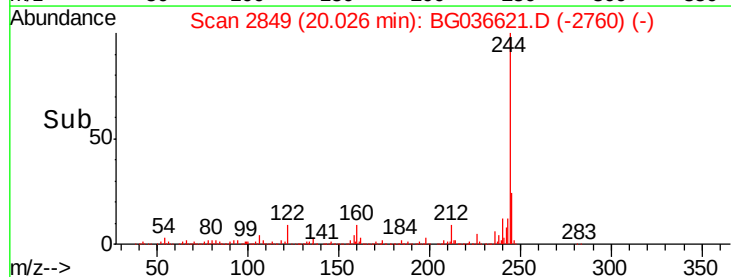
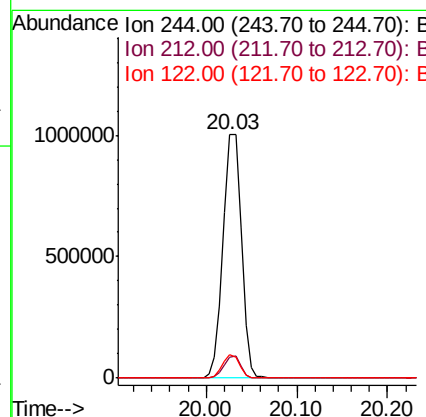
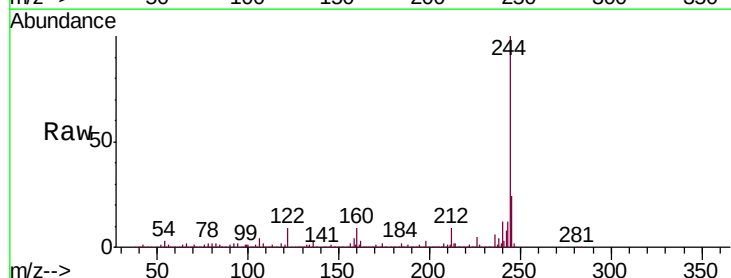
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

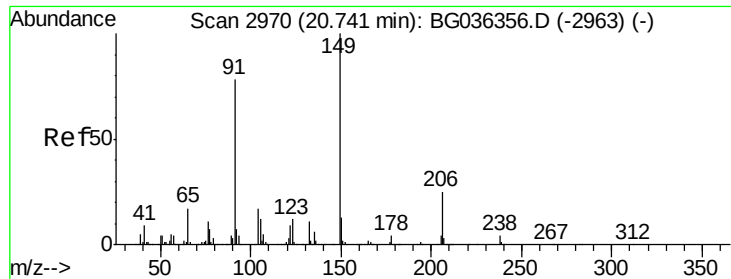
Tgt Ion:202 Resp: 1121291
 Ion Ratio Lower Upper
 202 100
 200 23.6 18.3 27.5
 203 19.4 15.1 22.7



#78
 Terphenyl-d14
 Concen: 80.446 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:244 Resp: 1409006
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 9.4 7.1 10.7

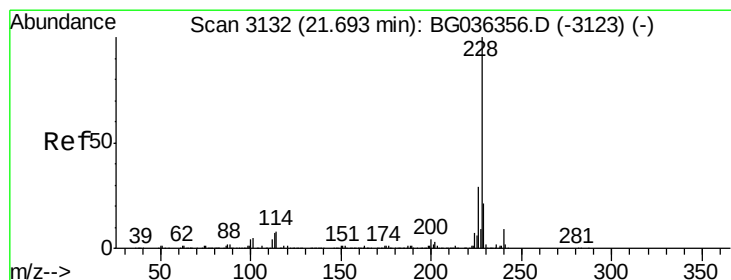
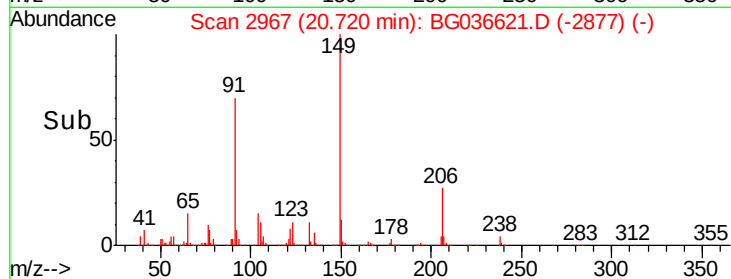
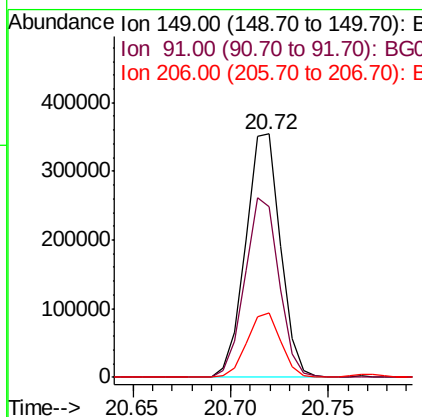
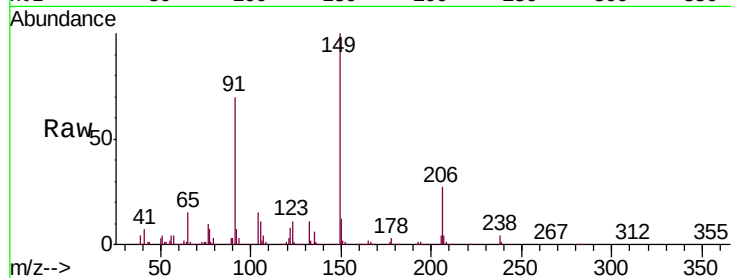




#79
Butylbenzylphthalate
Concen: 43.835 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

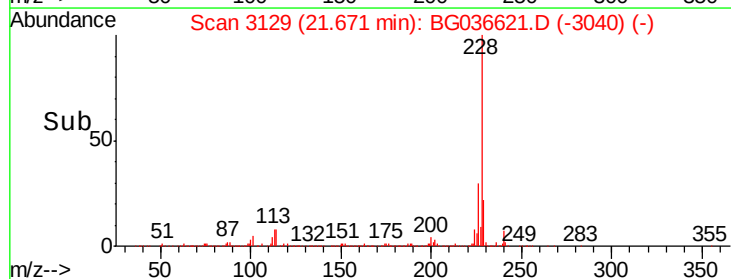
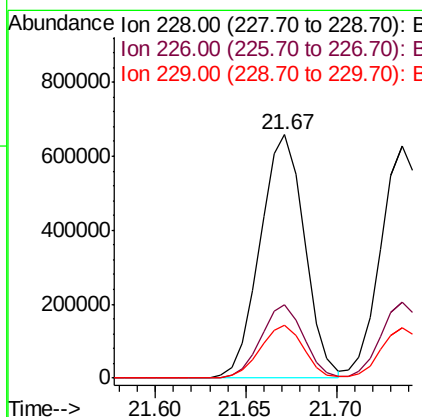
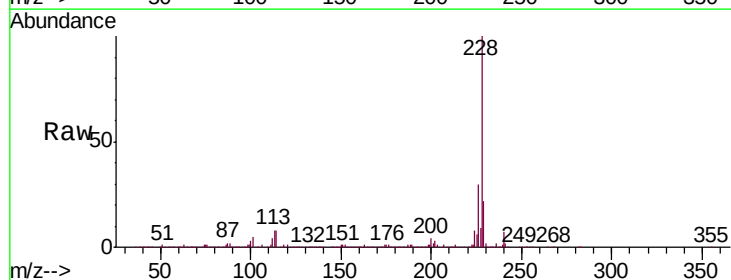
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

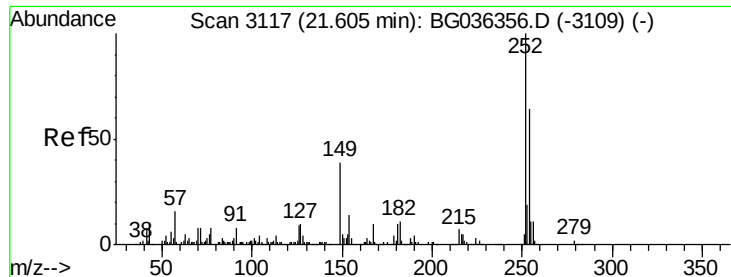
Tgt Ion:149 Resp: 439176
Ion Ratio Lower Upper
149 100
91 69.9 62.0 93.0
206 26.7 19.6 29.4



#80
Benzo(a)anthracene
Concen: 45.304 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:228 Resp: 1123587
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 21.7 17.1 25.7

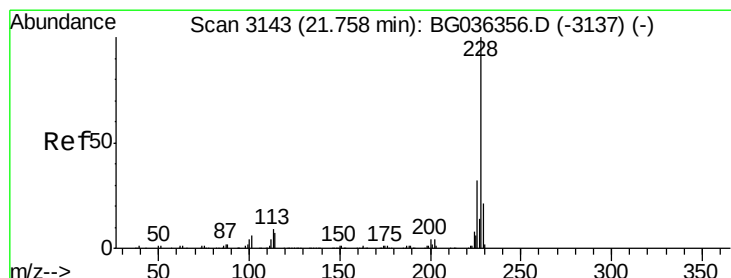
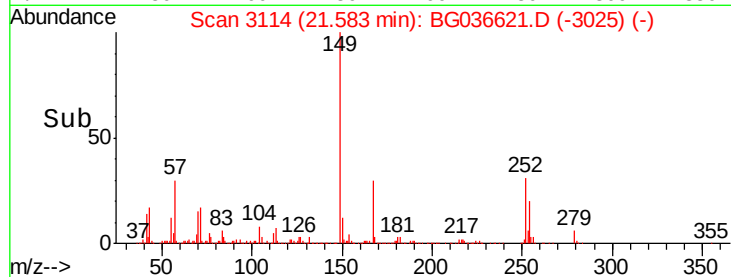
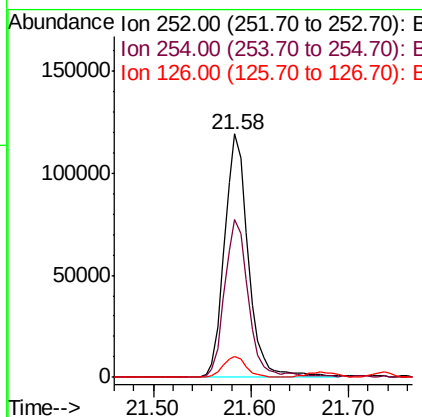
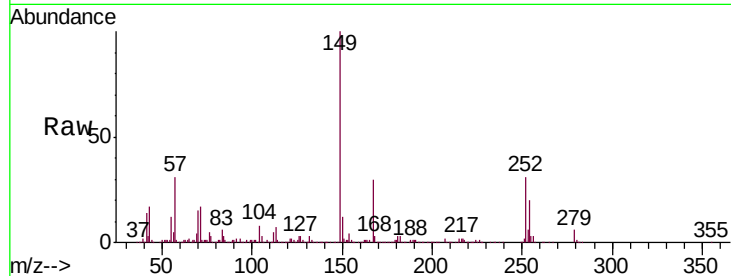




#81
 3,3'-Dichlorobenzidine
 Concen: 20.421 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

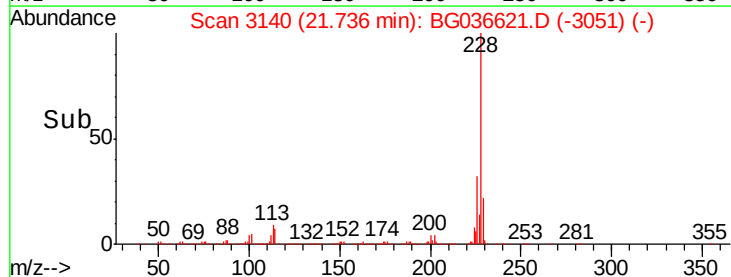
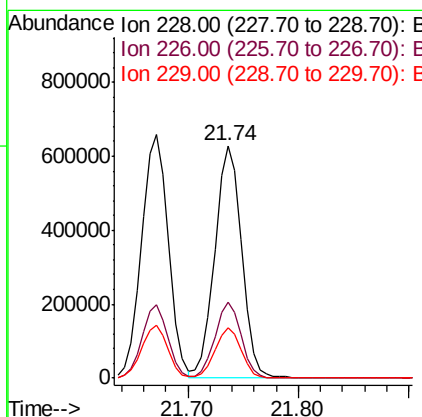
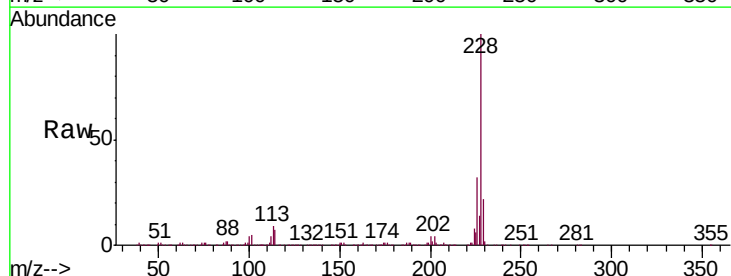
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

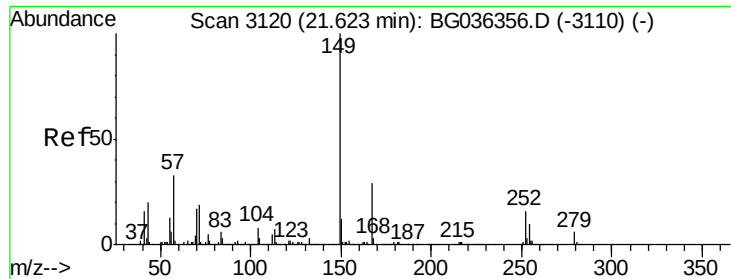
Tgt Ion:252 Resp: 201847
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.0 76.4
 126 8.7 7.4 11.0



#82
 Chrysene
 Concen: 44.961 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:228 Resp: 1056950
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.5 38.3
 229 21.5 16.9 25.3

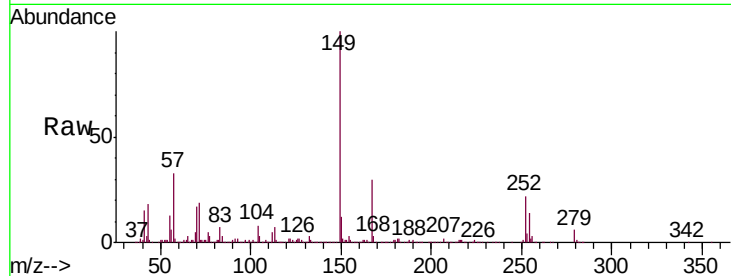




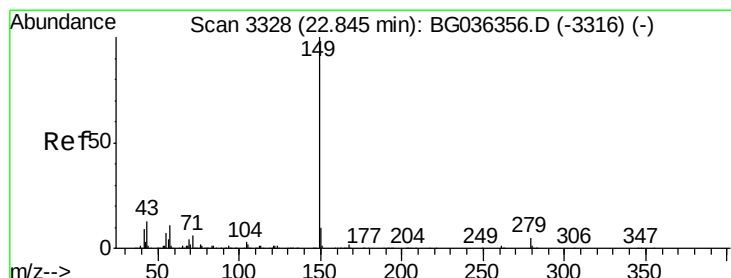
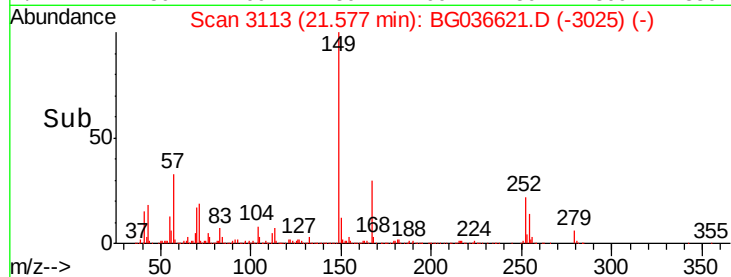
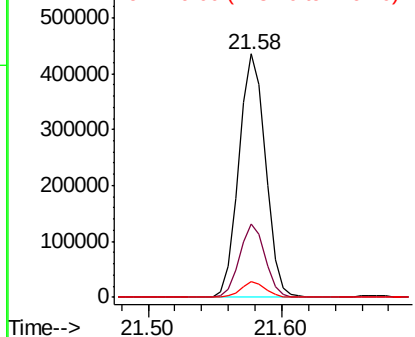
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.911 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-090618MS

Tgt Ion:149 Resp: 601612
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.4 35.0
 279 6.2 4.6 7.0

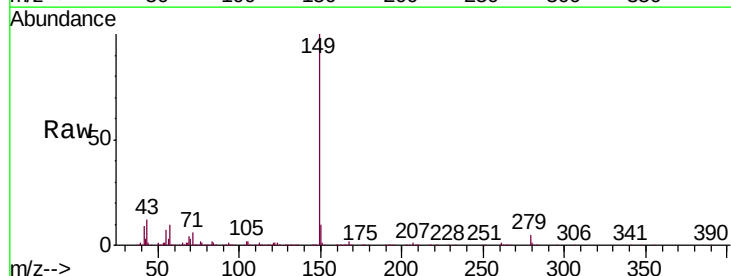


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

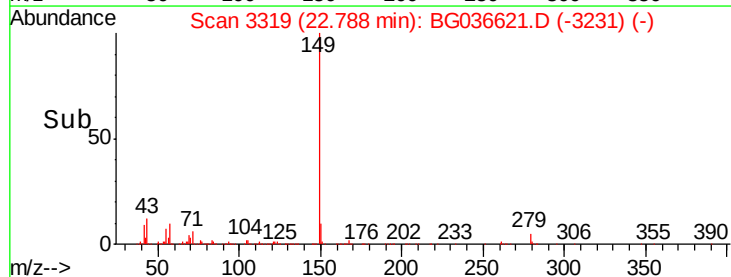
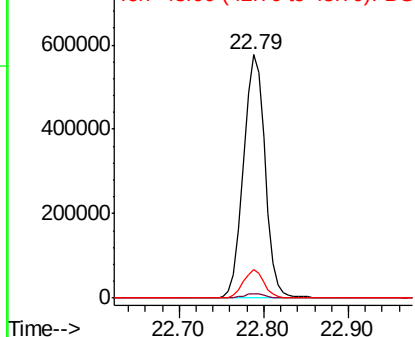


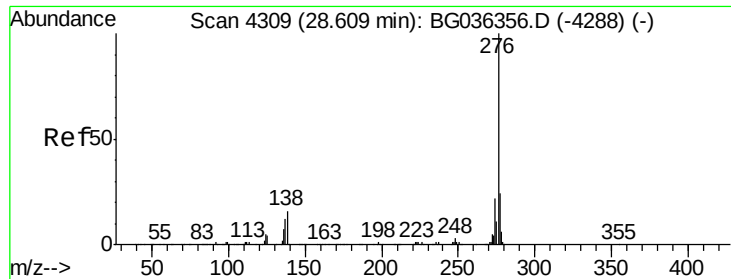
#84
 Di-n-octyl phthalate
 Concen: 43.666 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG036621.D
 Acq: 8 Sep 2018 7:20

Tgt Ion:149 Resp: 1022545
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 11.3 10.0 15.0



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.813 ng

RT: 28.55 min Scan# 4299

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

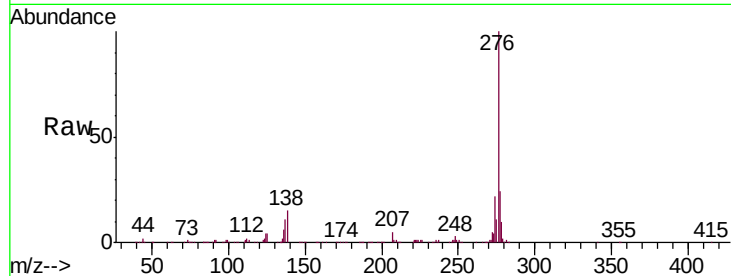
Tgt Ion:276 Resp: 1168973

Ion Ratio Lower Upper

276 100

138 7.8 10.6 15.8#

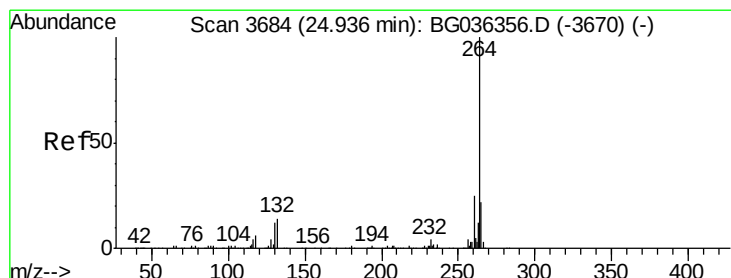
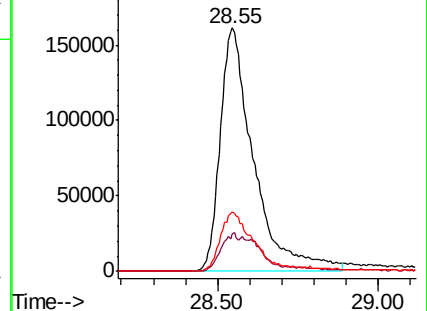
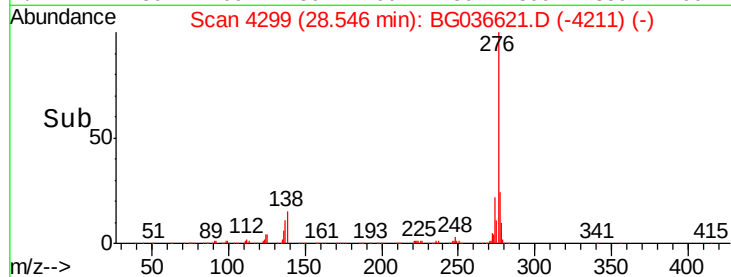
277 24.2 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

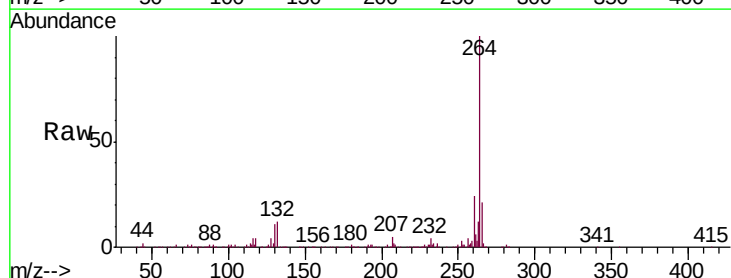
Tgt Ion:264 Resp: 427889

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

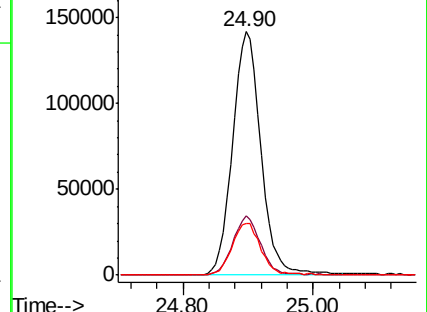
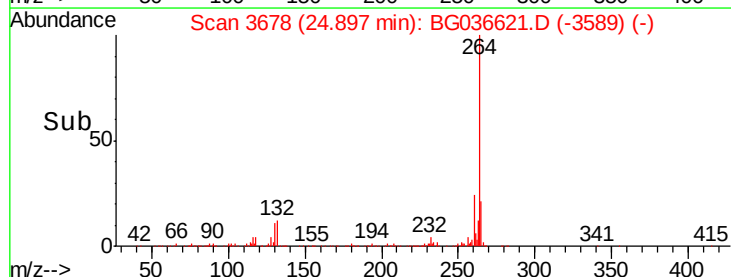
265 21.3 17.4 26.0

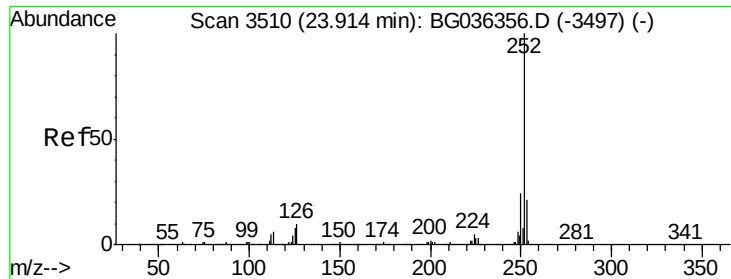


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

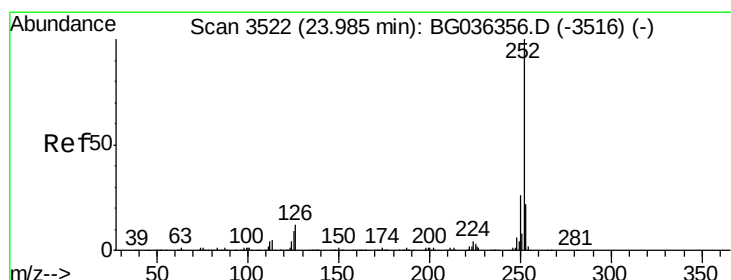
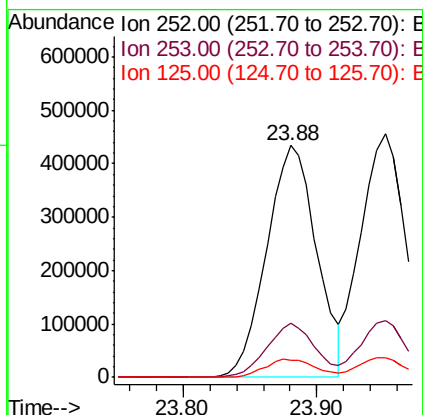
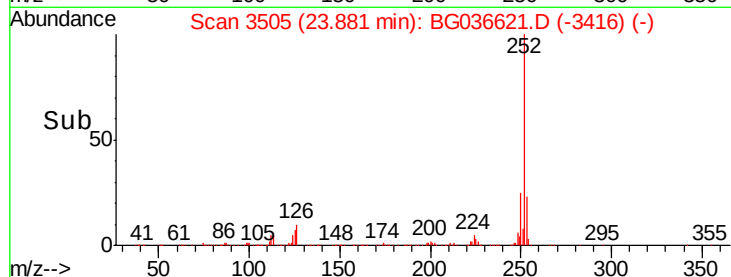
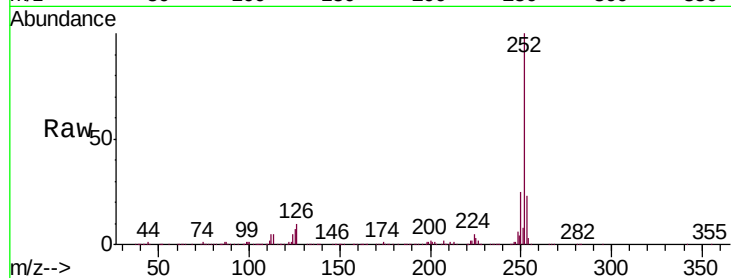




#87
Benzo(b)fluoranthene
Concen: 47.442 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

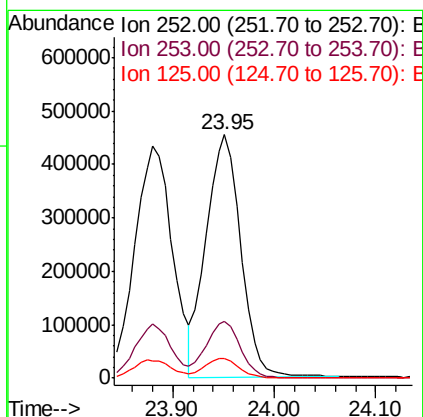
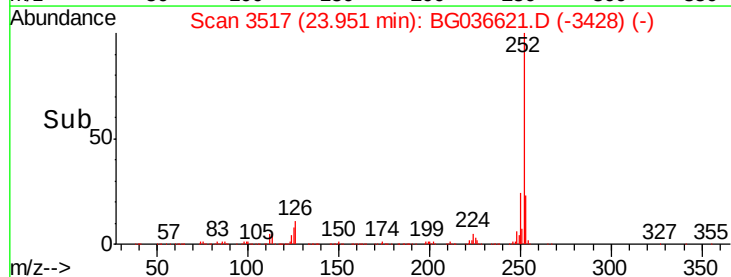
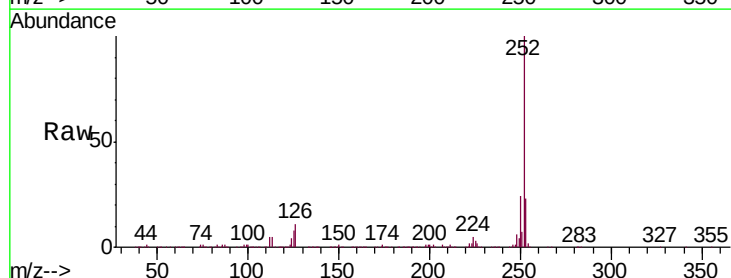
Instrument :
BNA_G
ClientSampleId :
OK-03-090618MS

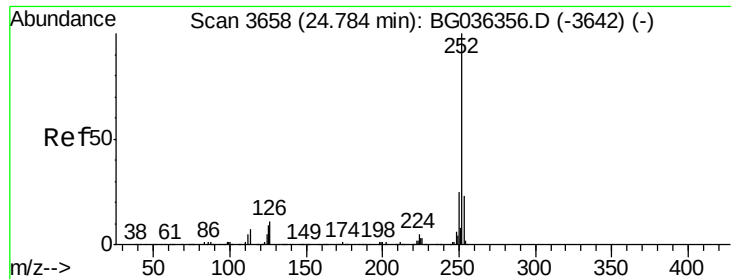
Tgt Ion:252 Resp: 1127260
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 7.4 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 46.398 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG036621.D
Acq: 8 Sep 2018 7:20

Tgt Ion:252 Resp: 1077048
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 8.3 7.0 10.6





#89

Benzo(a)pyrene

Concen: 47.406 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS

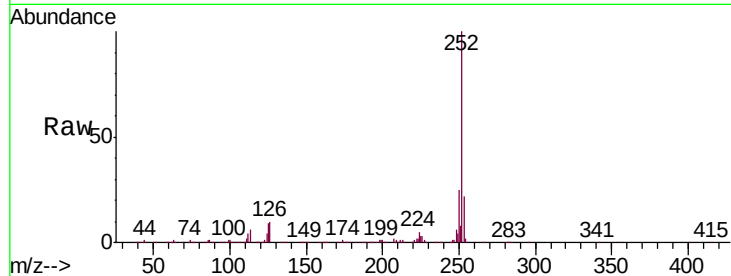
Tgt Ion:252 Resp: 1082386

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

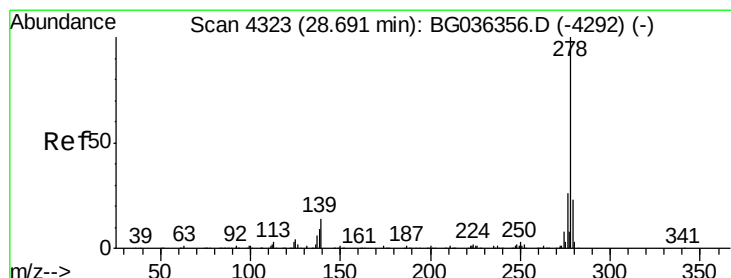
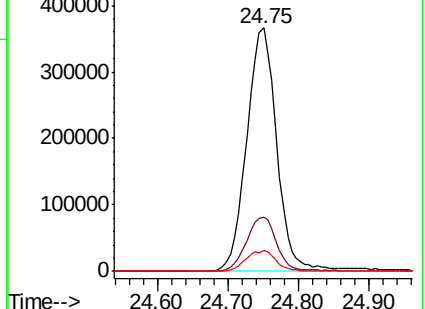
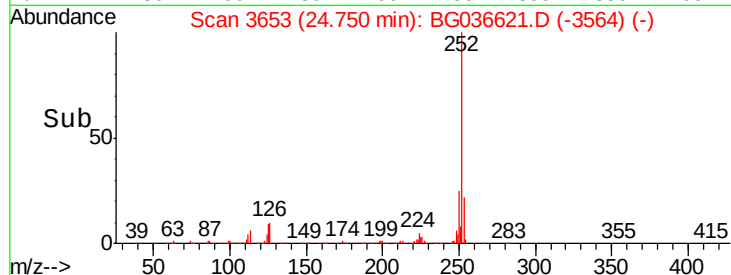
125 8.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.216 ng

RT: 28.62 min Scan# 4311

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

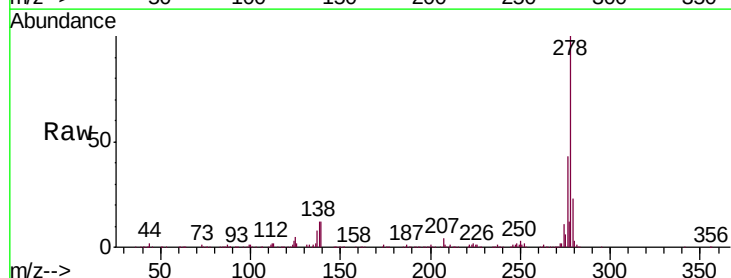
Tgt Ion:278 Resp: 842360

Ion Ratio Lower Upper

278 100

139 11.7 11.0 16.4

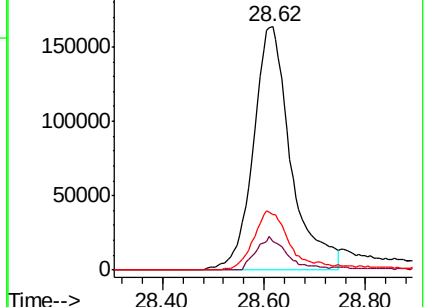
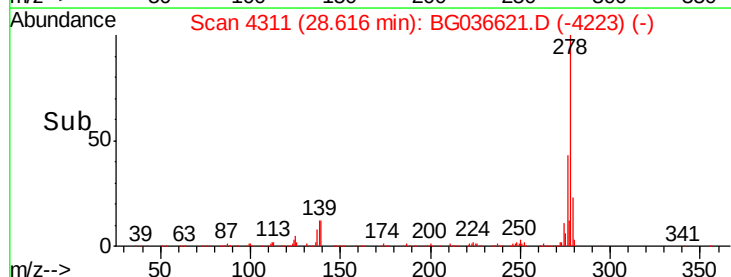
279 22.9 18.7 28.1

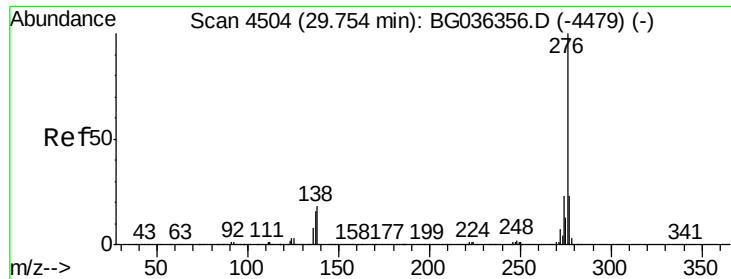


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.013 ng

RT: 29.69 min Scan# 4493

Delta R.T. -0.01 min

Lab File: BG036621.D

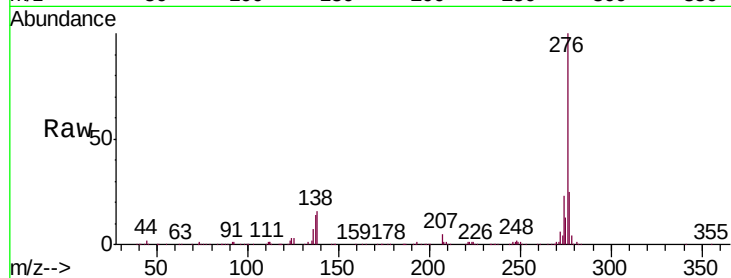
Acq: 8 Sep 2018 7:20

Instrument :

BNA_G

ClientSampleId :

OK-03-090618MS



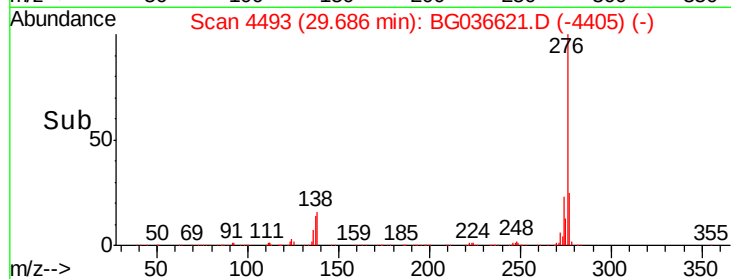
Tgt Ion: 276 Resp: 908479

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 16.2 14.6 22.0



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

