

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
 Data File : BG036148.D
 Acq On : 7 Aug 2018 5:17
 Operator : JU/SJ
 Sample : J4277-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

Quant Time: Aug 07 07:07:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34431	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	113098	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	78573	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	236408	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	265300	20.00	ng	-0.01
86) Perylene-d12	24.82	264	258956	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	269853	130.12	ng	0.00
7) Phenol-d6	7.19	99	339652	109.77	ng	0.00
23) Nitrobenzene-d5	9.17	82	279962	103.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	204687	197.64	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	601959	102.64	ng	-0.02
78) Terphenyl-d14	19.99	244	1317550	109.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	35244	33.390	ng	# 73
3) Pyridine	3.92	79	77955	28.290	ng	# 74
4) n-Nitrosodimethylamine	3.82	42	41794	35.324	ng	# 86
6) Aniline	7.34	93	64145	15.994	ng	95
8) 2-Chlorophenol	7.58	128	96239	45.628	ng	96
9) Benzaldehyde	7.15	77	80060	42.170	ng	95
10) Phenol	7.21	94	114328	36.573	ng	90
11) bis(2-Chloroethyl)ether	7.43	93	100824	41.184	ng	88
12) 1,3-Dichlorobenzene	7.90	146	118198	46.405	ng	96
13) 1,4-Dichlorobenzene	8.05	146	119847	46.309	ng	95
14) 1,2-Dichlorobenzene	8.36	146	114256	45.957	ng	99
15) Benzyl Alcohol	8.26	79	106054	37.744	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	109844	53.518	ng	73
17) 2-Methylphenol	8.46	107	86354	40.630	ng	# 90
18) Hexachloroethane	9.09	117	45960	46.447	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	89444	34.328	ng	89
20) 3+4-Methylphenols	8.79	107	116593	39.543	ng	90
22) Acetophenone	8.83	105	173025	49.196	ng	# 92
24) Nitrobenzene	9.21	77	137640	50.552	ng	# 92
25) Isophorone	9.74	82	251071	49.957	ng	99
26) 2-Nitrophenol	9.93	139	56636	58.570	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	91841	56.109	ng	87
28) bis(2-Chloroethoxy)methane	10.21	93	134510	48.572	ng	98
29) 2,4-Dichlorophenol	10.47	162	106596	57.050	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	129873	56.684	ng	97
31) Naphthalene	10.86	128	326288	55.384	ng	99
32) Benzoic acid	10.15	122	25381	23.034	ng	# 85
33) 4-Chloroaniline	11.01	127	11248	4.381	ng	96
34) Hexachlorobutadiene	11.14	225	105030	58.787	ng	98
35) Caprolactam	11.76	113	19667	24.528	ng	# 75
36) 4-Chloro-3-methylphenol	12.10	107	130692	52.183	ng	95
37) 2-Methylnaphthalene	12.46	142	236438	53.869	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	166715	56.216	ng	99
40) Hexachlorocyclopentadiene	12.81	237	205135	131.894	ng	91

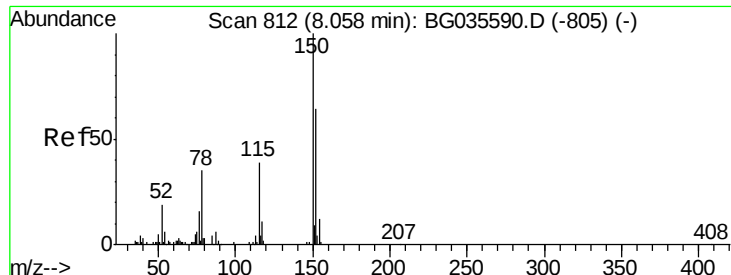
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	102253	58.959	ng	98
43) 2,4,5-Trichlorophenol	13.16	196	115273	59.414	ng	97
45) 1,1'-Biphenyl	13.47	154	313468	51.458	ng	96
46) 2-Chloronaphthalene	13.51	162	251085	52.989	ng	99
47) 2-Nitroaniline	13.72	65	90756	54.177	ng	94
48) Acenaphthylene	14.36	152	413576	52.105	ng	98
49) Dimethylphthalate	14.09	163	351278	51.027	ng	99
50) 2,6-Dinitrotoluene	14.21	165	80688	57.557	ng	93
51) Acenaphthene	14.70	154	241206	48.783	ng	98
52) 3-Nitroaniline	14.55	138	35972	25.106	ng #	85
53) 2,4-Dinitrophenol	14.75	184	80002	108.427	ng #	72
54) Dibenzofuran	15.04	168	410130	52.156	ng	92
55) 4-Nitrophenol	14.87	139	105889	103.773	ng #	84
56) 2,4-Dinitrotoluene	15.00	165	125976	62.638	ng	90
57) Fluorene	15.68	166	348473	52.873	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	116818	62.798	ng #	95
59) Diethylphthalate	15.45	149	364576	51.503	ng	98
60) 4-Chlorophenyl-phenylether	15.67	204	204204	52.715	ng	97
61) 4-Nitroaniline	15.71	138	87677	58.499	ng #	75
62) Azobenzene	15.96	77	358881	51.398	ng	95
64) 4,6-Dinitro-2-methylphenol	15.77	198	74077	56.290	ng	82
65) n-Nitrosodiphenylamine	15.89	169	325866	48.427	ng	95
66) 4-Bromophenyl-phenylether	16.56	248	145451	53.031	ng	91
67) Hexachlorobenzene	16.69	284	147950	52.381	ng	95
68) Atrazine	16.84	200	170070	61.385	ng	97
69) Pentachlorophenol	17.03	266	154753	89.953	ng	94
70) Phenanthrene	17.42	178	627836	53.223	ng	97
71) Anthracene	17.52	178	642705	54.717	ng	99
72) Carbazole	17.79	167	607168	54.431	ng	99
73) Di-n-butylphthalate	18.34	149	707180	53.647	ng #	99
74) Fluoranthene	19.43	202	884513	55.666	ng	96
76) Benzidine	19.62	184	74670	10.706	ng #	96
77) Pyrene	19.79	202	886052	52.819	ng	96
79) Butylbenzylphthalate	20.67	149	328054	54.686	ng	96
80) Benzo(a)anthracene	21.62	228	874143	52.873	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	162395	28.171	ng #	96
82) Chrysene	21.69	228	821047	53.591	ng	98
83) Bis(2-ethylhexyl)phthalate	21.52	149	448712	55.019	ng #	98
84) Di-n-octyl phthalate	22.71	149	759563	55.624	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.47	276	923242	54.430	ng #	92
87) Benzo(b)fluoranthene	23.82	252	841793	53.484	ng #	96
88) Benzo(k)fluoranthene	23.89	252	803117	52.193	ng #	96
89) Benzo(a)pyrene	24.68	252	802619	54.814	ng #	95
90) Dibenzo(a,h)anthracene	28.52	278	774350	53.867	ng #	96
91) Benzo(g,h,i)perylene	29.60	276	786924	55.942	ng #	92

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

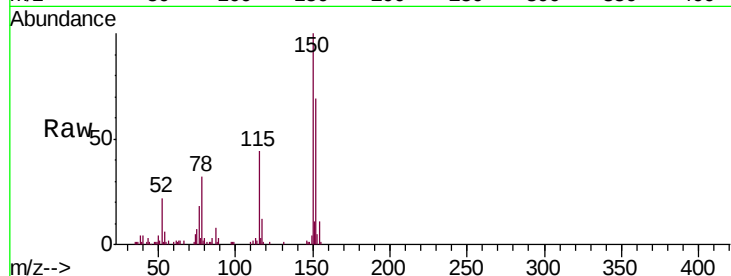


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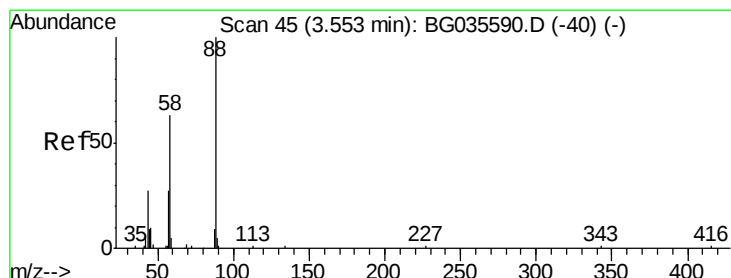
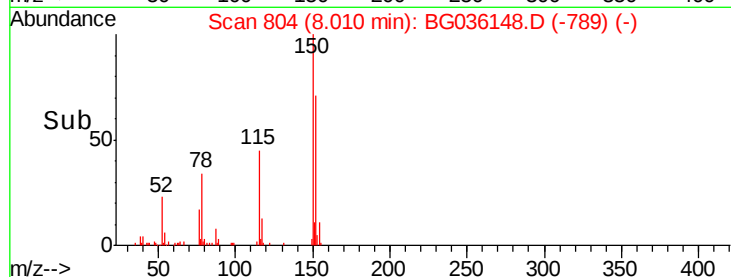
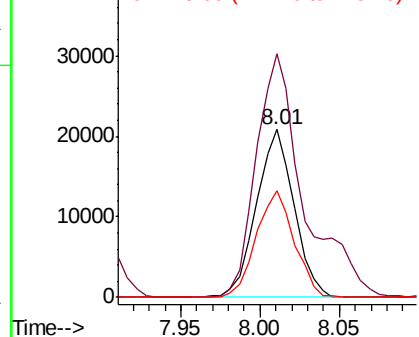
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Tgt Ion:152 Resp: 34431
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 63.7 53.0 79.4



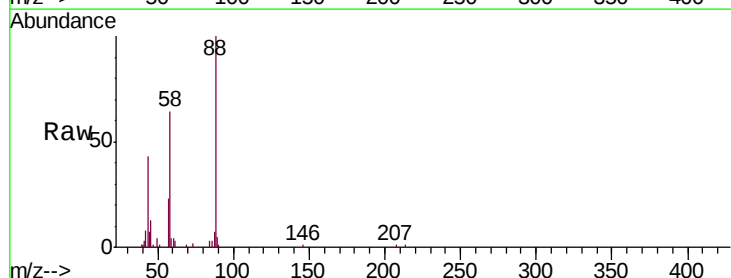
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



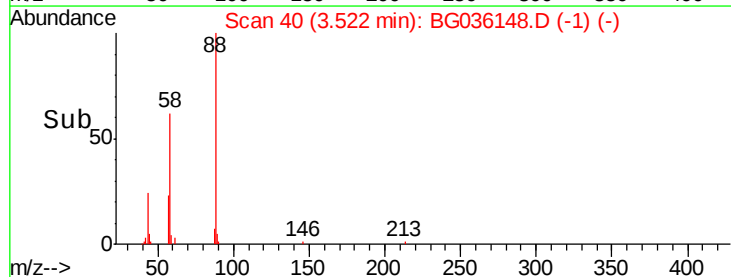
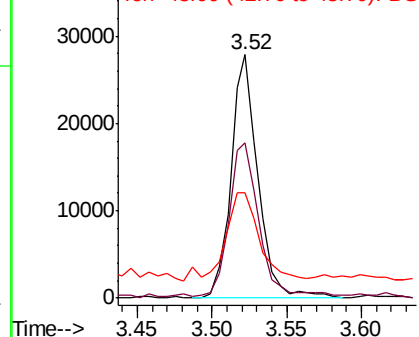
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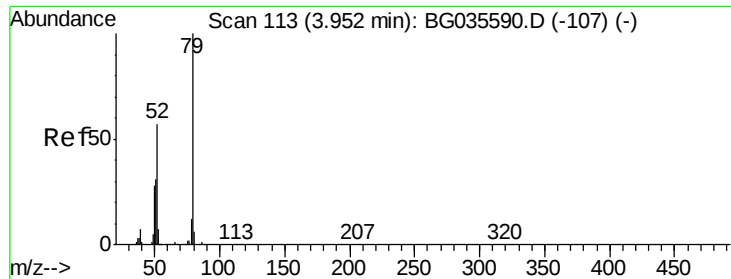
1,4-Dioxane
Concen: 33.390 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion: 88 Resp: 35244
Ion Ratio Lower Upper
88 100
58 70.0 79.6 119.4#
43 45.8 27.4 41.0#



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: 28.290 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

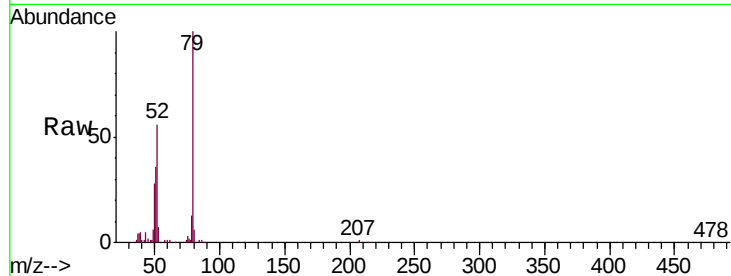
Tgt Ion: 79 Resp: 77955

Ion Ratio Lower Upper

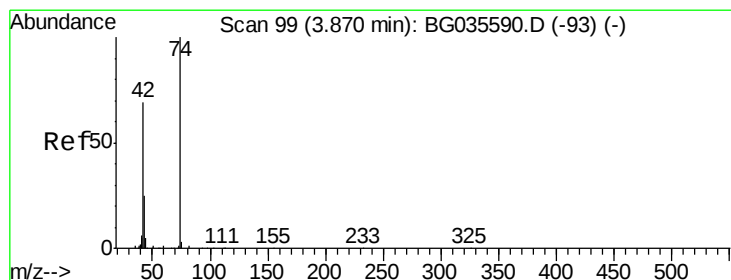
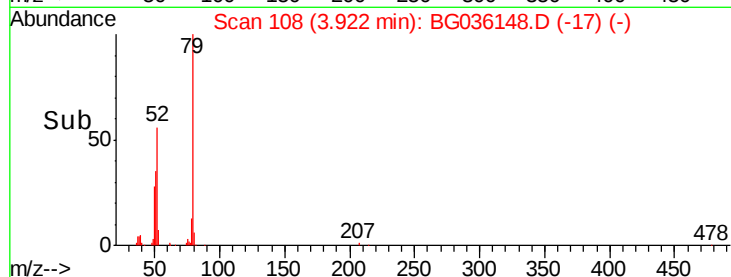
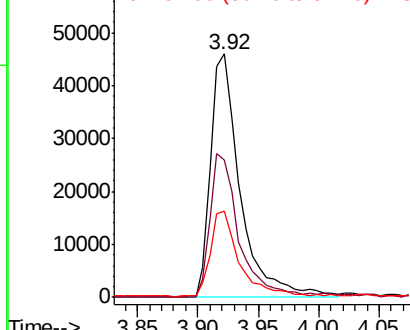
79 100

52 56.4 69.9 104.9#

51 35.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.324 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

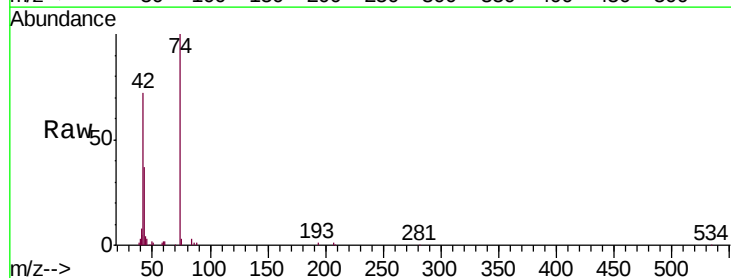
Tgt Ion: 42 Resp: 41794

Ion Ratio Lower Upper

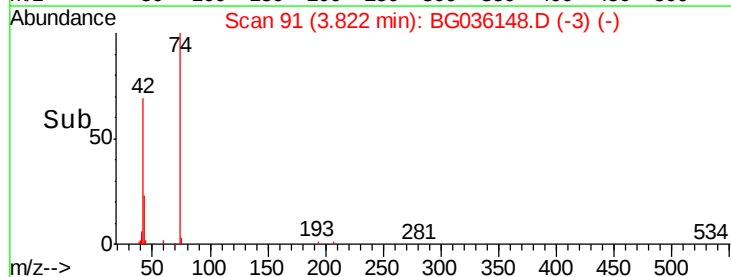
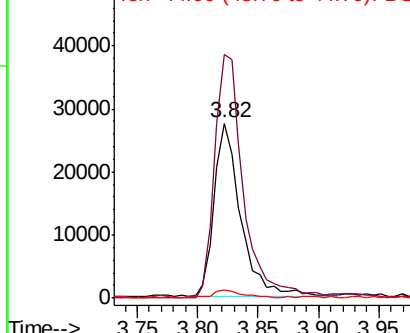
42 100

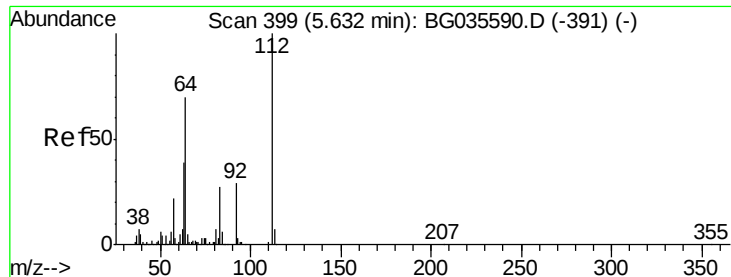
74 139.3 102.5 153.7

44 5.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.121 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

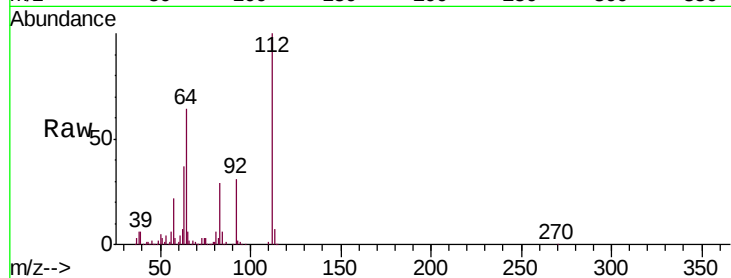
Tgt Ion: 112 Resp: 269853

Ion Ratio Lower Upper

112 100

64 63.5 56.3 84.5

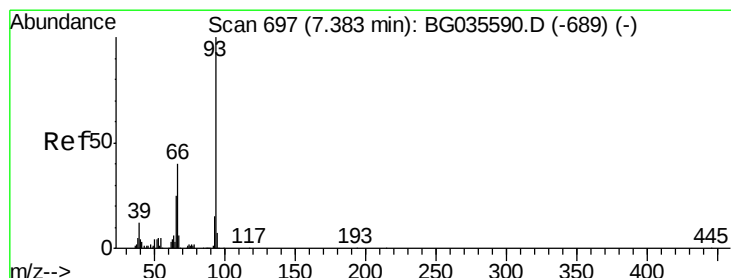
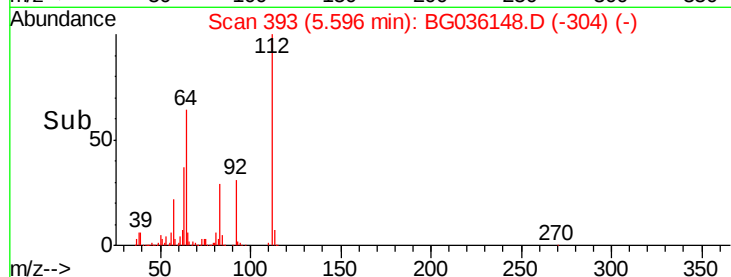
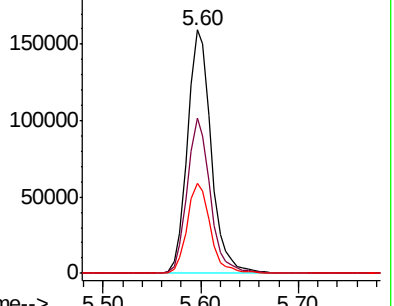
63 37.1 30.1 45.1



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: 15.994 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

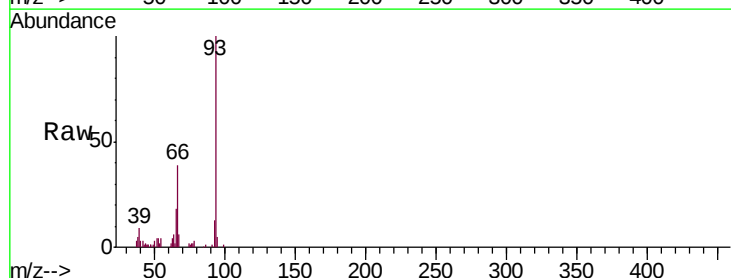
Tgt Ion: 93 Resp: 64145

Ion Ratio Lower Upper

93 100

66 38.9 33.7 50.5

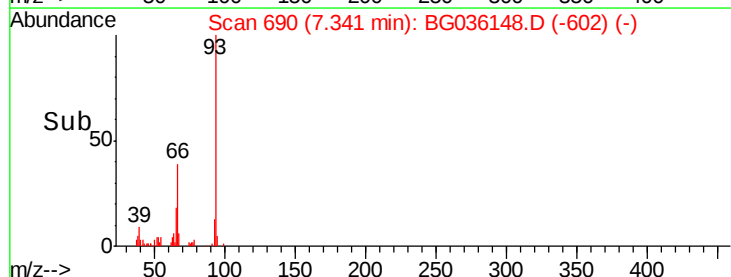
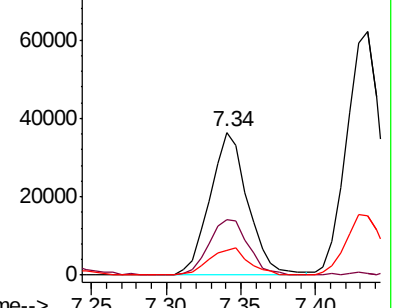
65 17.6 16.1 24.1

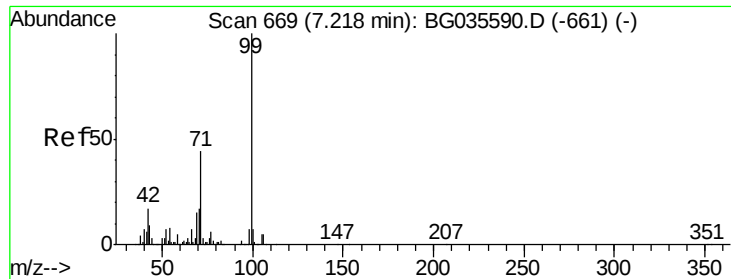


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.771 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

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ClientSampleId :

OR-02-080318-AMS

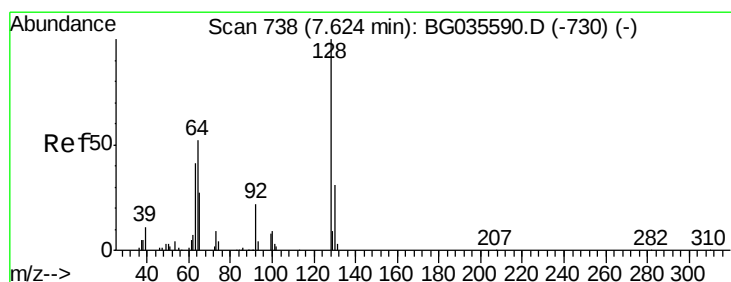
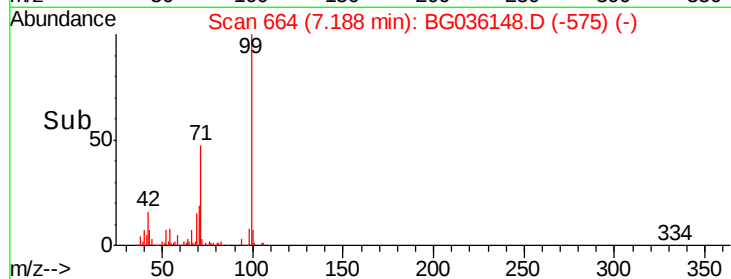
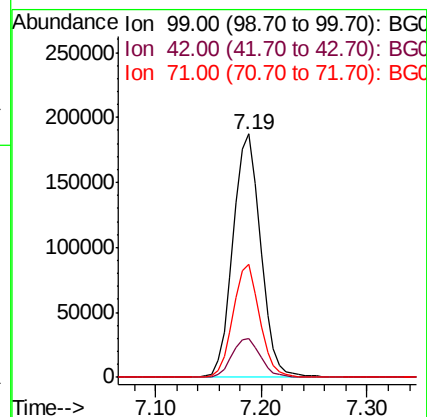
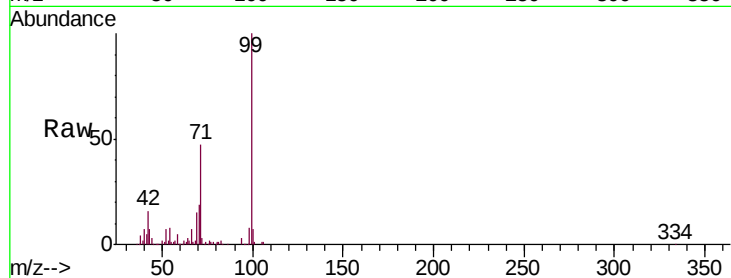
Tgt Ion: 99 Resp: 339652

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 46.6 26.1 39.1#



#8

2-Chlorophenol

Concen: 45.628 ng

RT: 7.58 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

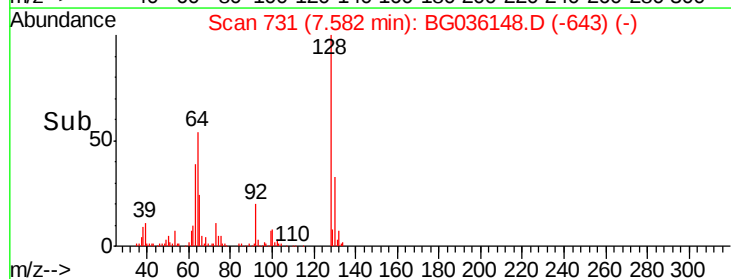
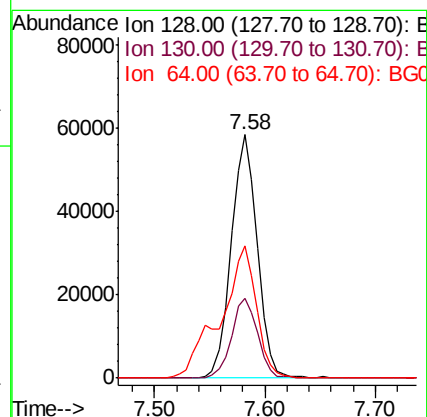
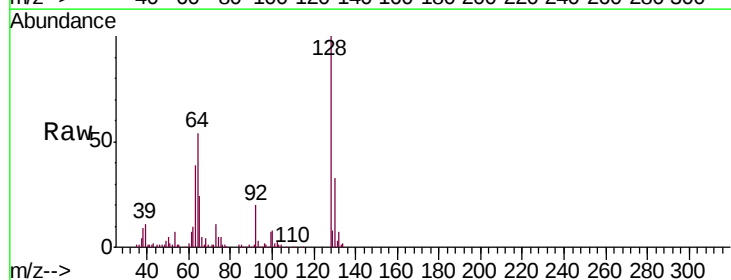
Tgt Ion: 128 Resp: 96239

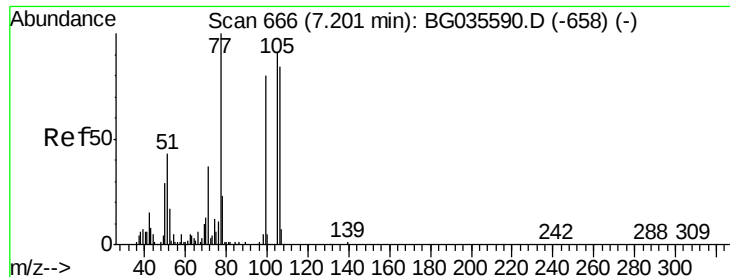
Ion Ratio Lower Upper

128 100

130 32.9 14.0 54.0

64 54.3 37.7 77.7





#9

Benzaldehyde

Concen: 42.170 ng

RT: 7.15 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

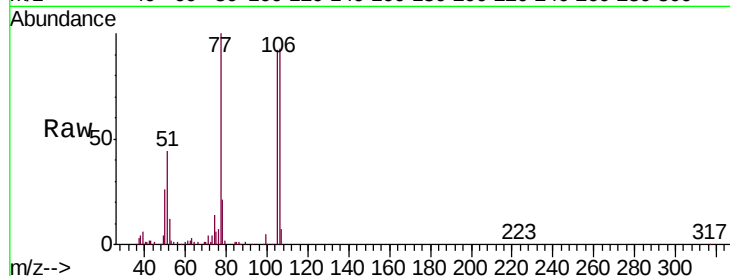
Tgt Ion: 77 Resp: 80060

Ion Ratio Lower Upper

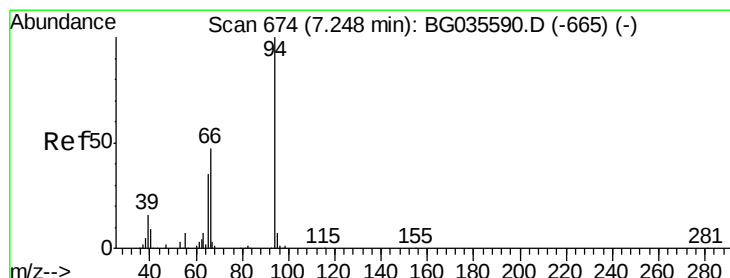
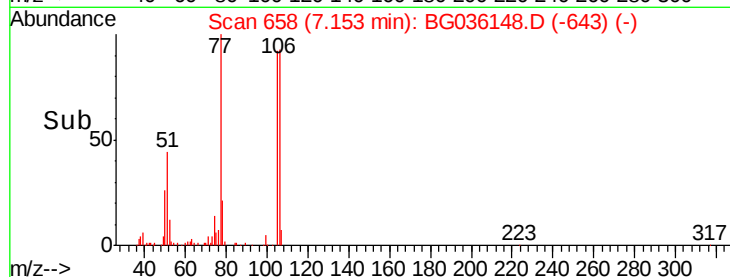
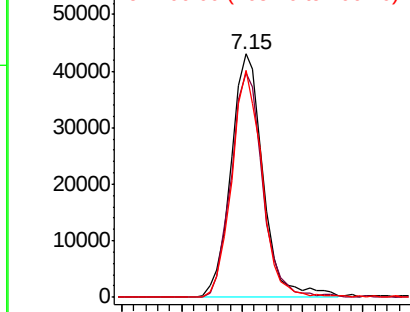
77 100

105 92.2 71.3 111.3

106 93.4 64.2 104.2



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: 36.573 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

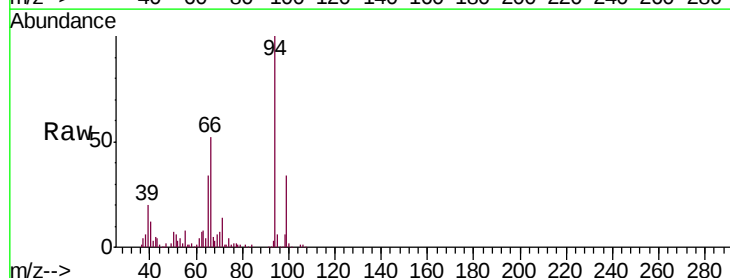
Tgt Ion: 94 Resp: 114328

Ion Ratio Lower Upper

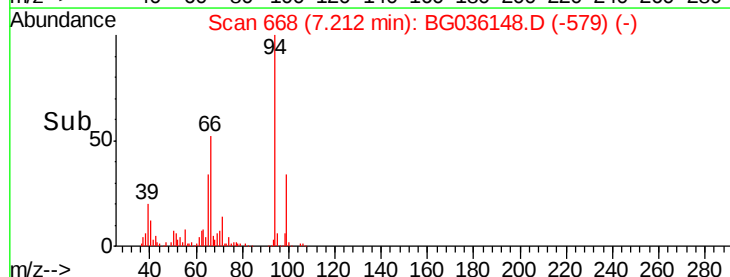
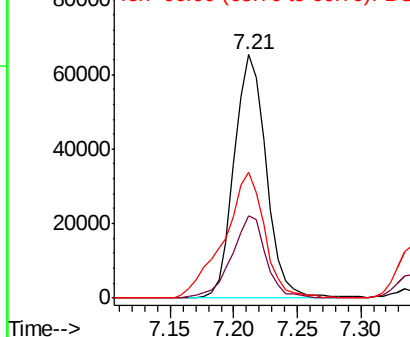
94 100

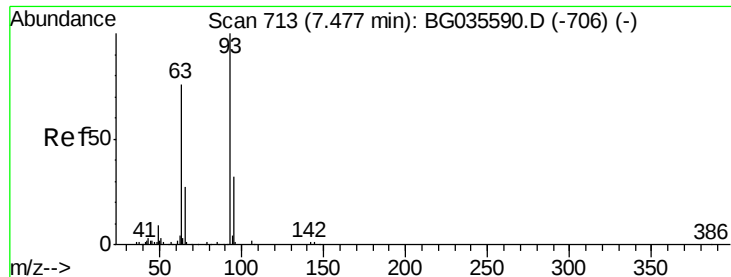
65 34.1 11.9 51.9

66 51.8 22.2 62.2



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

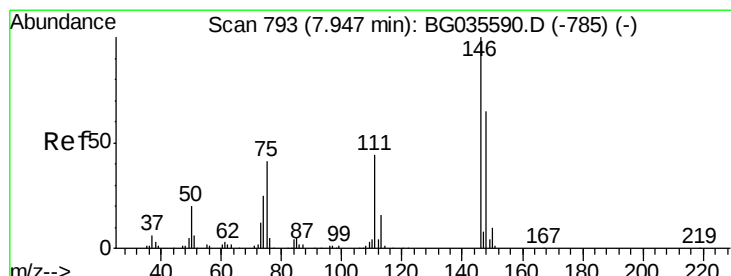
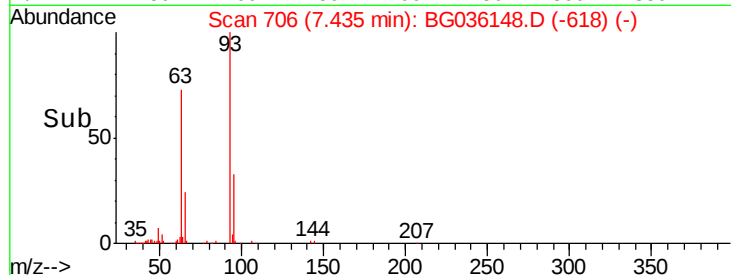
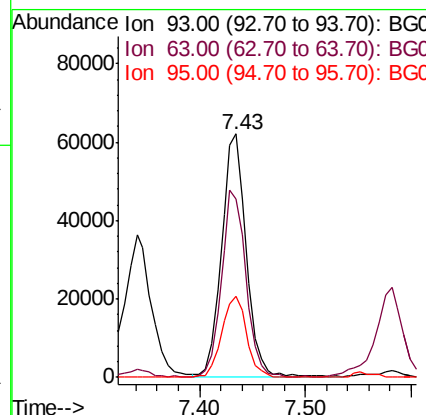
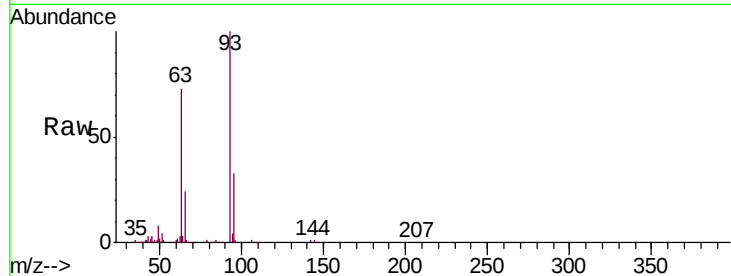




#11
 bis(2-Chloroethyl)ether
 Concen: 41.184 ng
 RT: 7.43 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

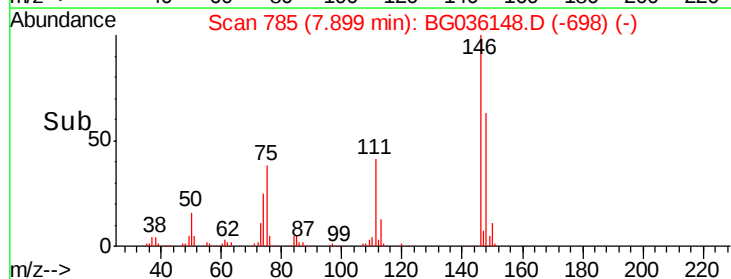
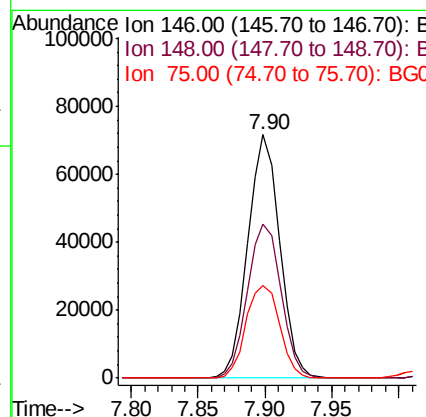
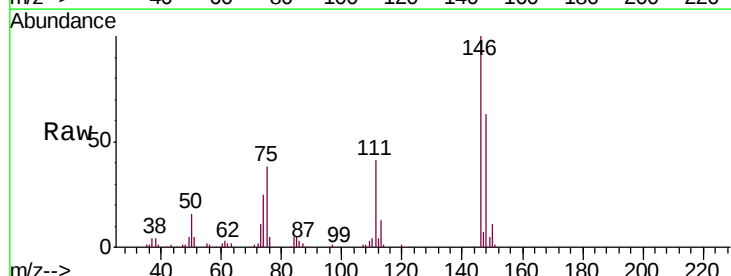
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

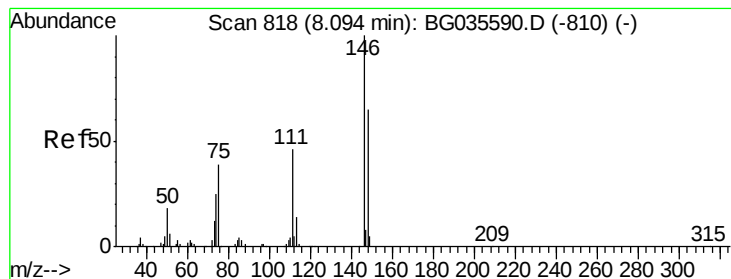
Tgt Ion: 93 Resp: 100824
 Ion Ratio Lower Upper
 93 100
 63 73.3 67.1 107.1
 95 33.1 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 46.405 ng
 RT: 7.90 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion: 146 Resp: 118198
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.2
 75 37.8 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 46.309 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.02 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

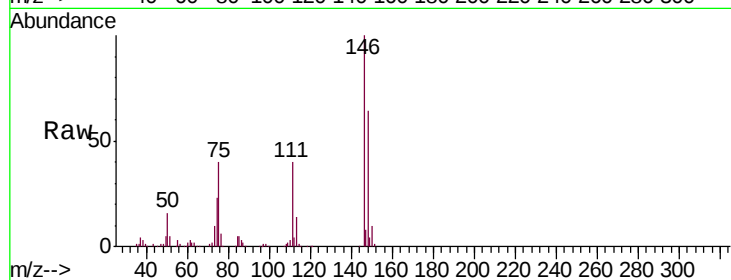
Tgt Ion:146 Resp: 119847

Ion Ratio Lower Upper

146 100

148 64.2 53.7 80.5

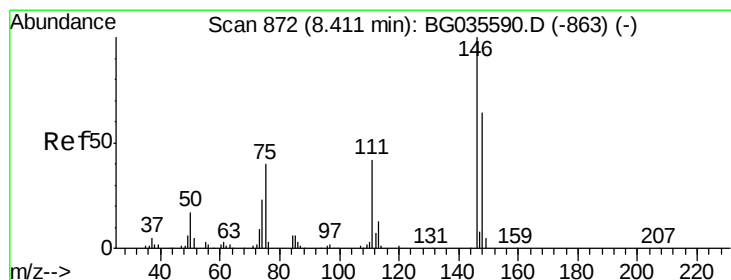
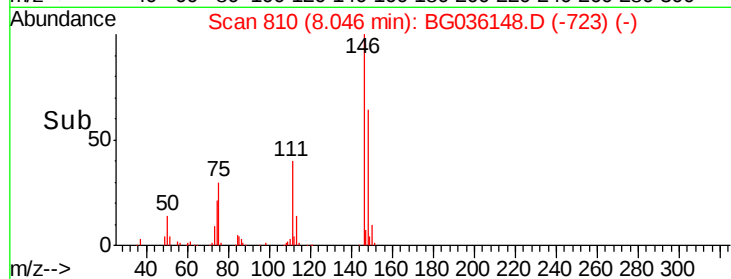
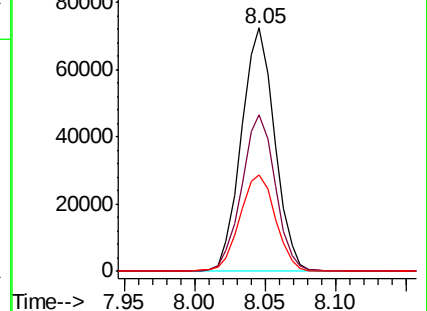
111 39.8 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 45.957 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

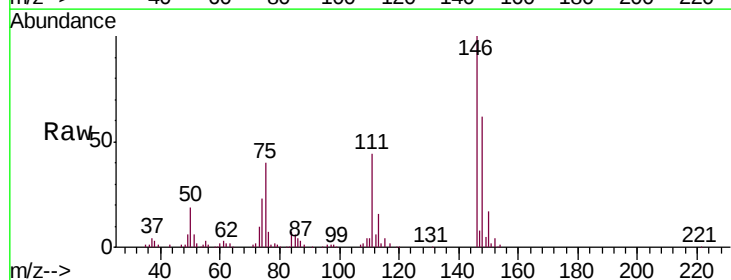
Tgt Ion:146 Resp: 114256

Ion Ratio Lower Upper

146 100

148 62.0 49.3 73.9

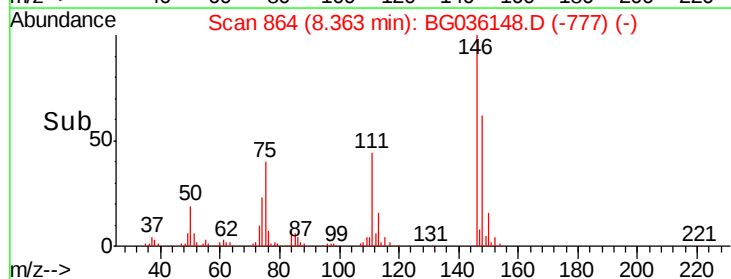
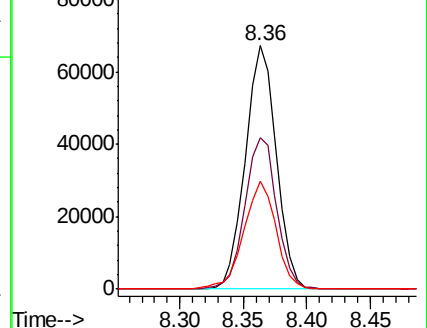
111 44.4 34.3 51.5

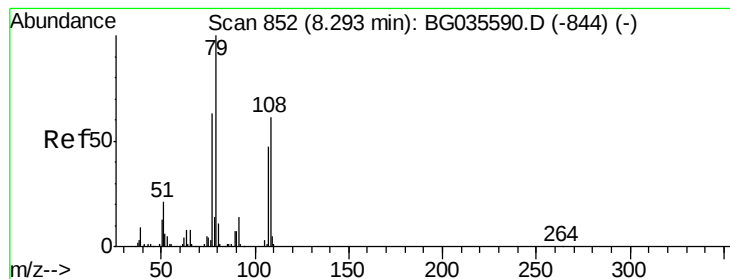


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.744 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

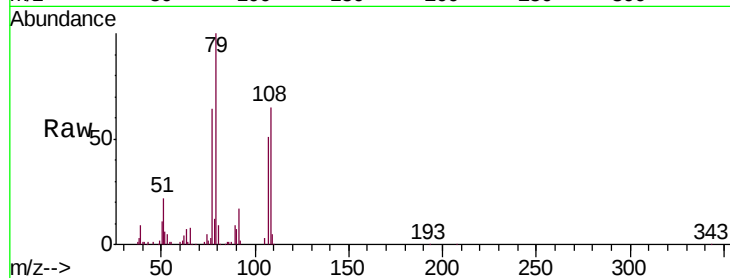
Tgt Ion: 79 Resp: 106054

Ion Ratio Lower Upper

79 100

108 64.7 57.2 85.8

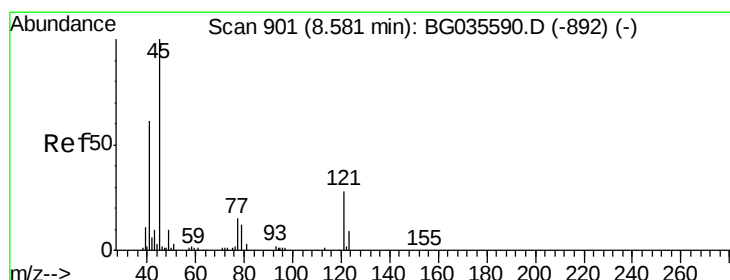
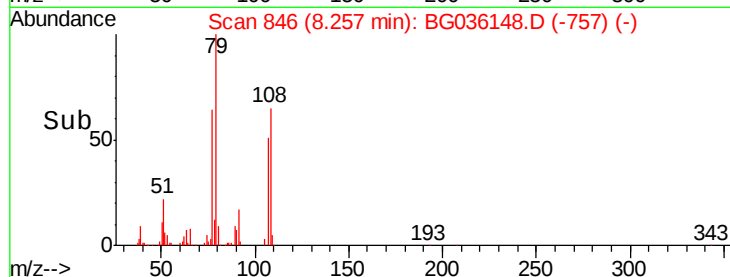
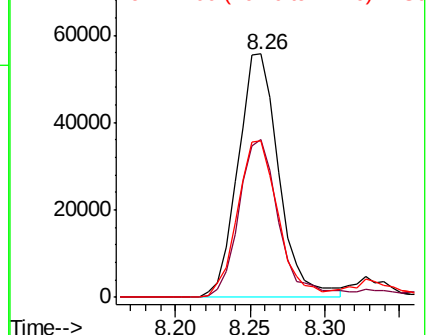
77 64.3 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.518 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.02 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

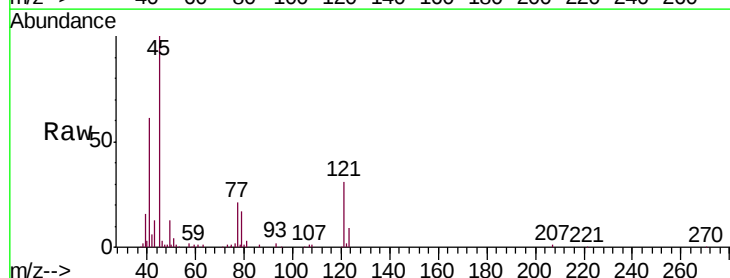
Tgt Ion: 45 Resp: 109844

Ion Ratio Lower Upper

45 100

77 20.9 0.0 30.2

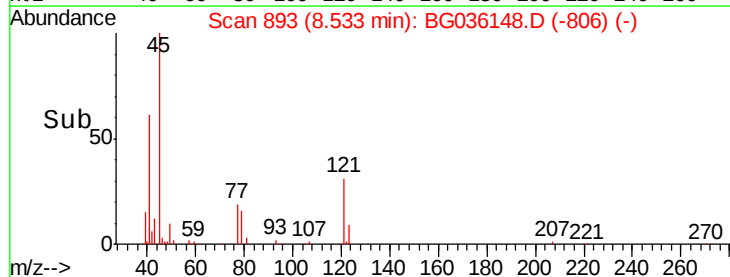
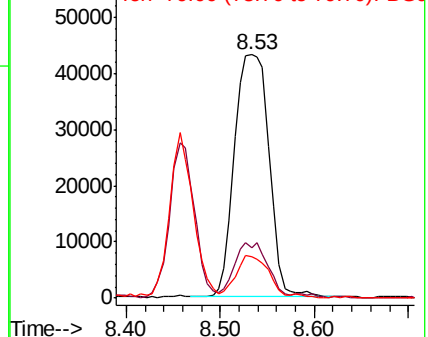
79 16.8 0.0 27.9

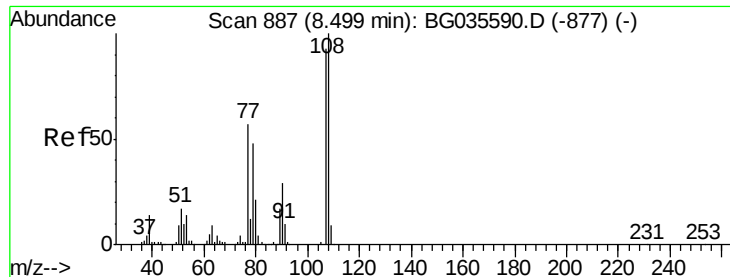


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.630 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

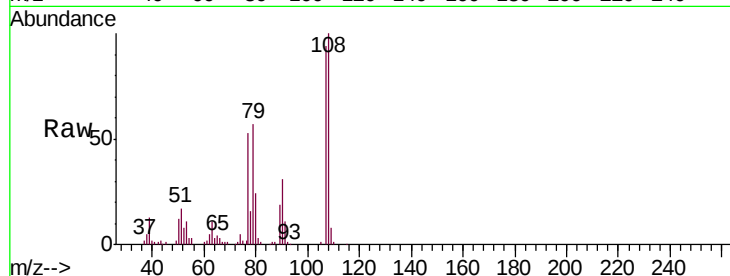
Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

Tgt Ion:	107	Resp:	86354
Ion	Ratio	Lower	Upper
107	100		
108	106.5	83.9	125.9
77	56.7	37.2	55.8#
79	60.4	36.2	54.2#



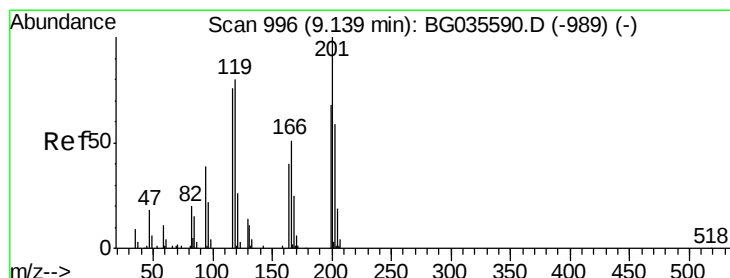
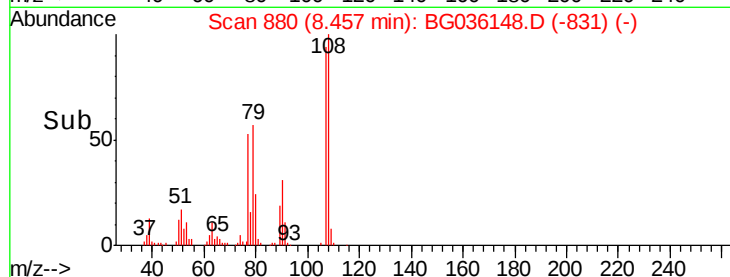
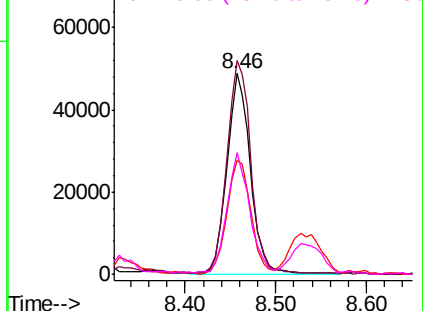
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 46.447 ng

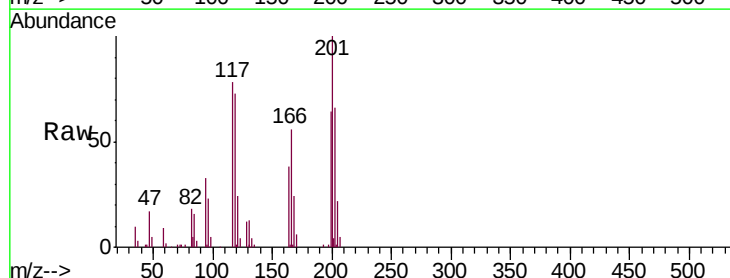
RT: 9.09 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Tgt Ion:	117	Resp:	45960
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.7	115.1
201	128.7	95.7	143.5

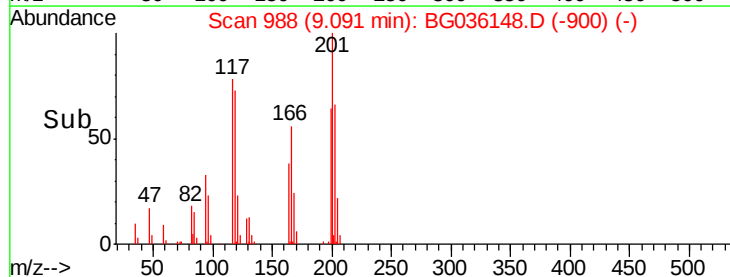
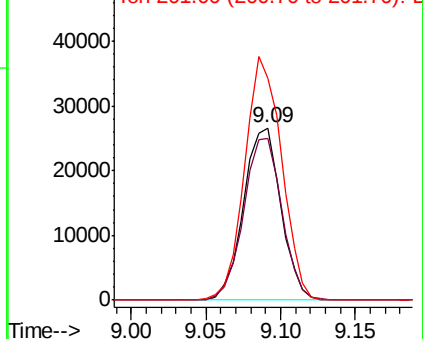


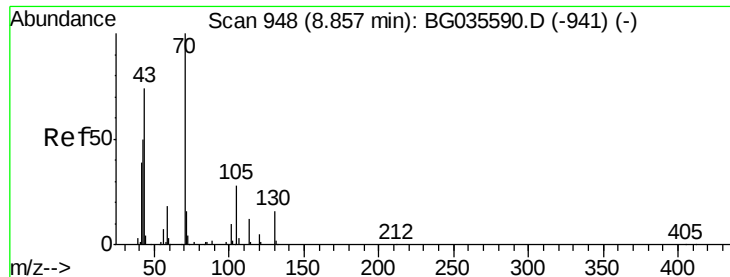
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

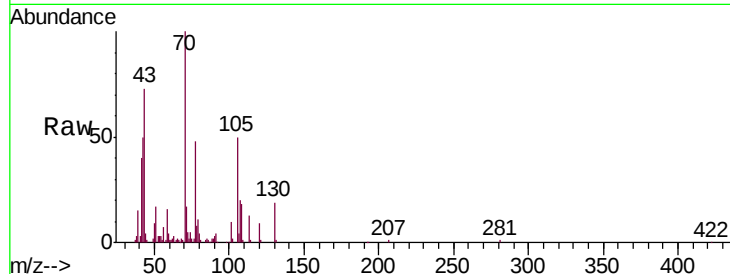




#19
n-Nitroso-di-n-propylamine
Concen: 34.328 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Tgt Ion:	70	Resp:	89444
Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.1	73.7
101	9.8	8.5	12.7
130	18.6	13.4	20.0



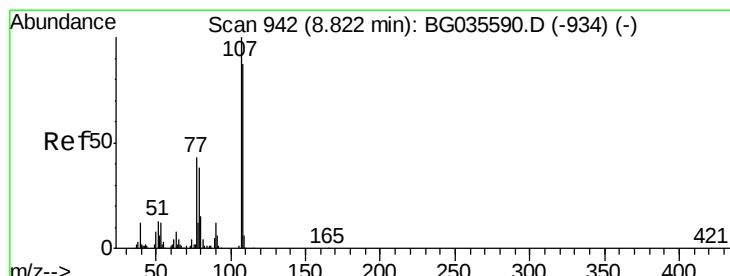
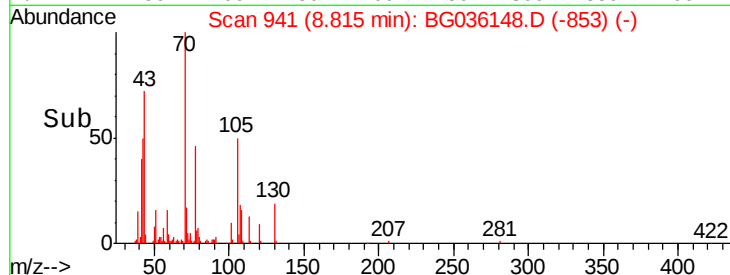
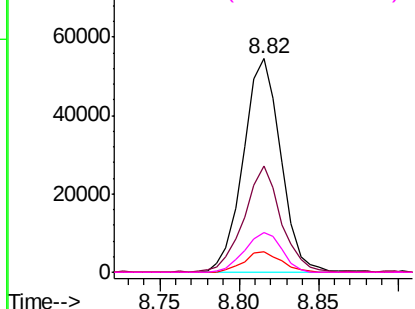
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

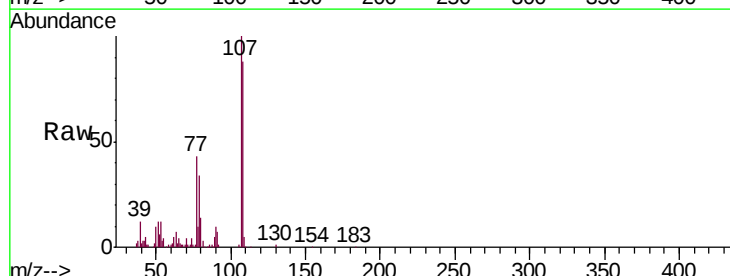
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.543 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:	107	Resp:	116593
Ion	Ratio	Lower	Upper
107	100		
108	88.4	61.6	101.6
77	43.5	13.9	53.9
79	34.0	8.8	48.8



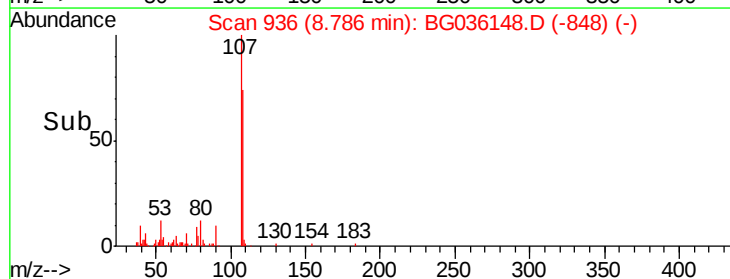
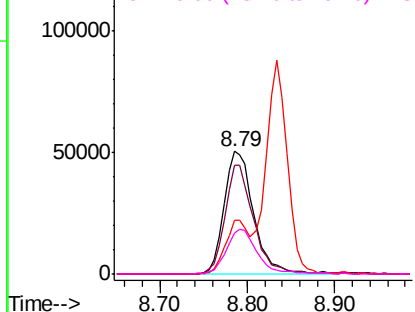
Abundance

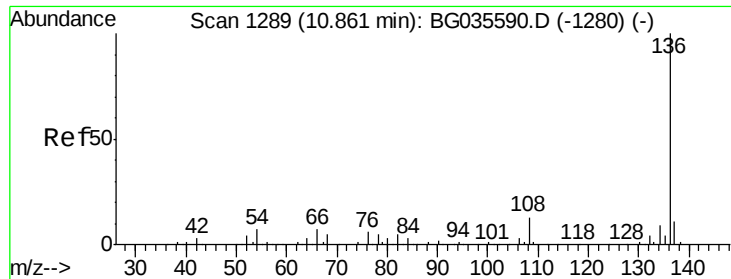
Ion 107.00 (106.70 to 107.70): BGC

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

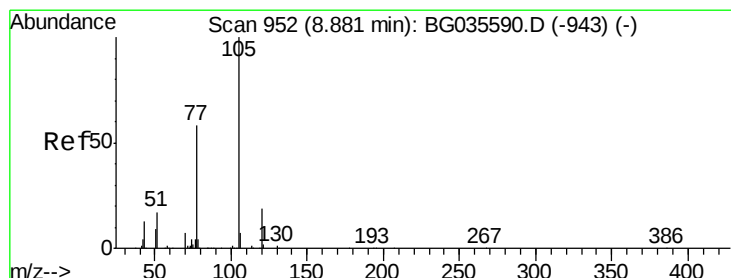
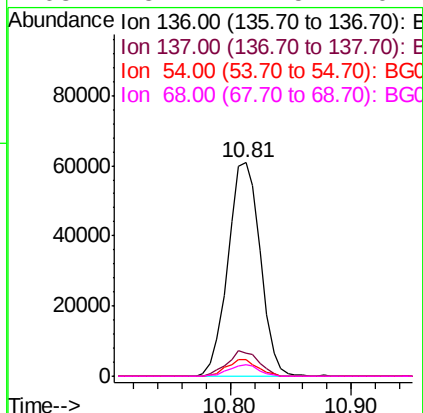
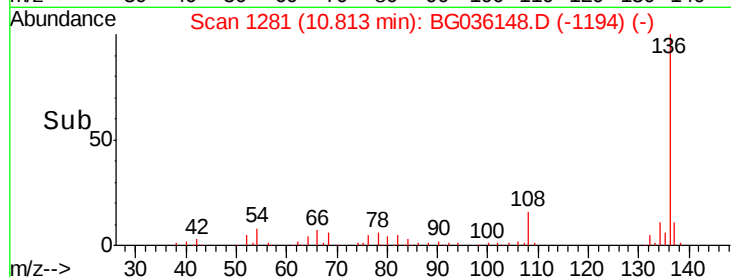
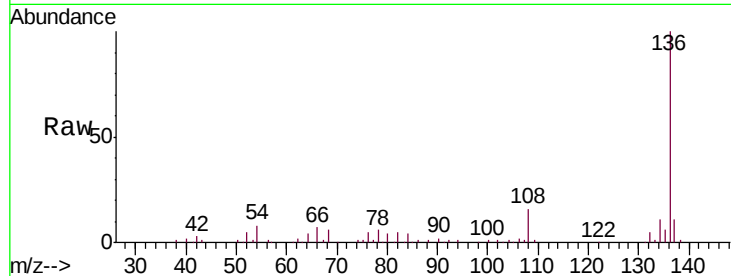




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

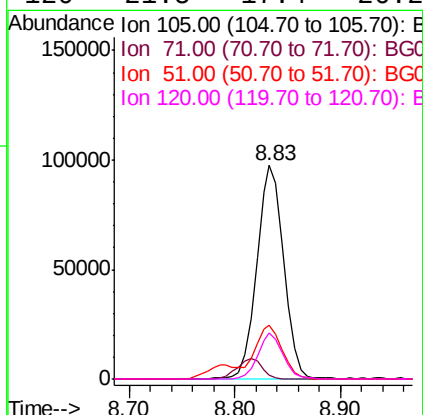
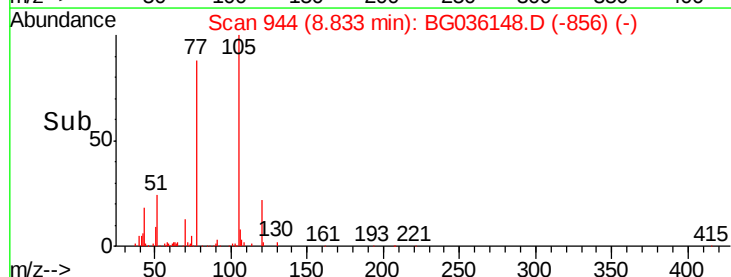
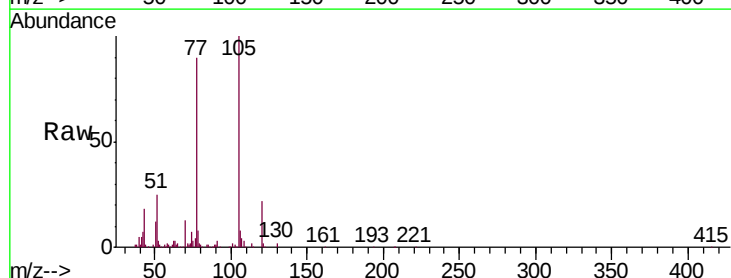
Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

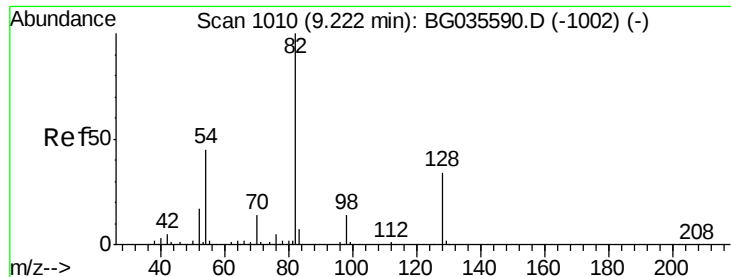
Tgt Ion:	136	Resp:	113098
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.2	13.8
54	7.7	10.3	15.5#
68	5.7	4.5	6.7



#22
Acetophenone
Concen: 49.196 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:	105	Resp:	173025
Ion Ratio	Lower	Upper	
105	100		
71	1.7	3.0	4.4#
51	25.2	26.1	39.1#
120	21.5	17.4	26.2

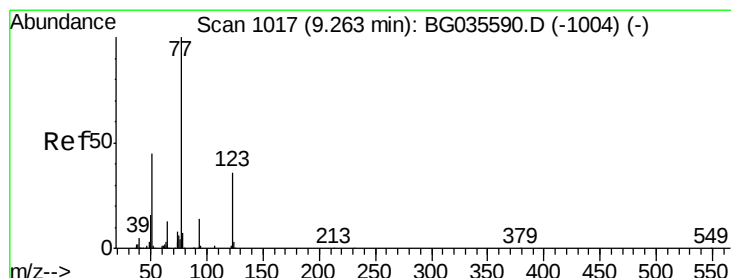
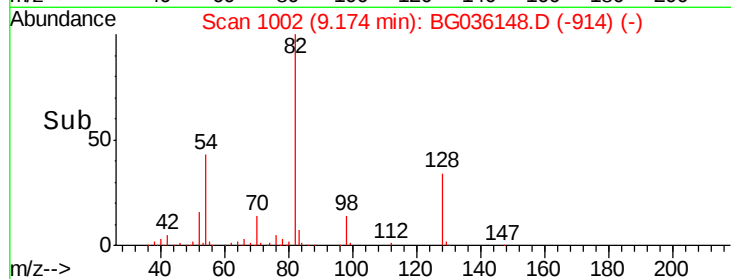
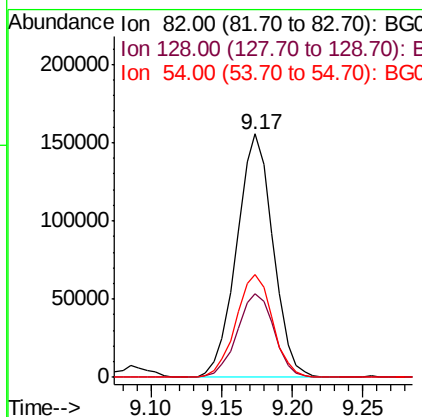
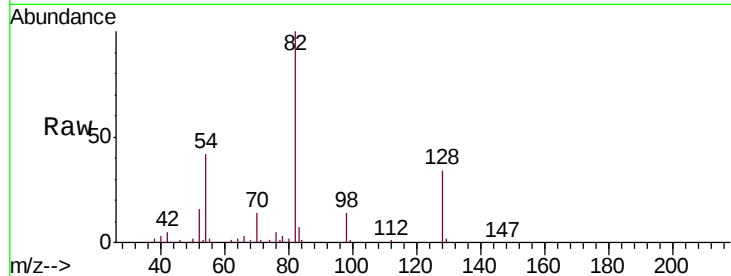




#23
 Nitrobenzene-d5
 Concen: 103.409 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

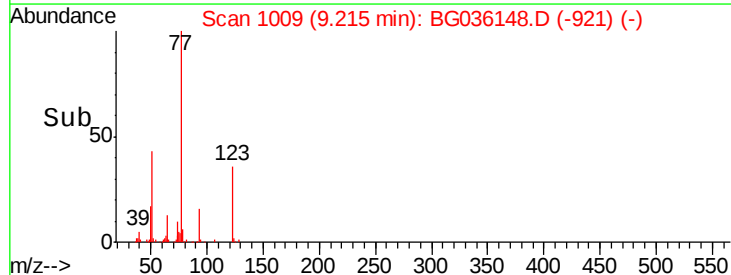
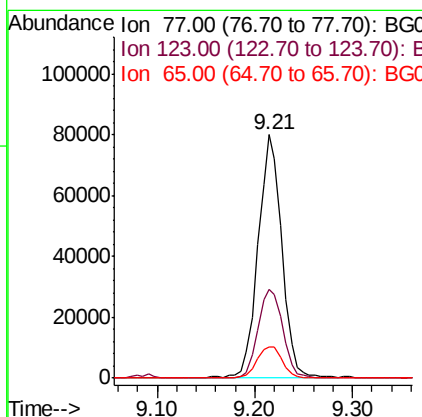
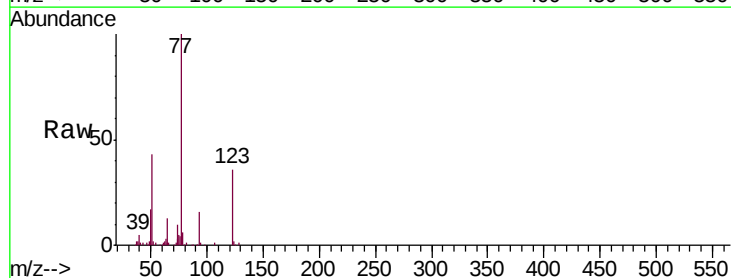
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

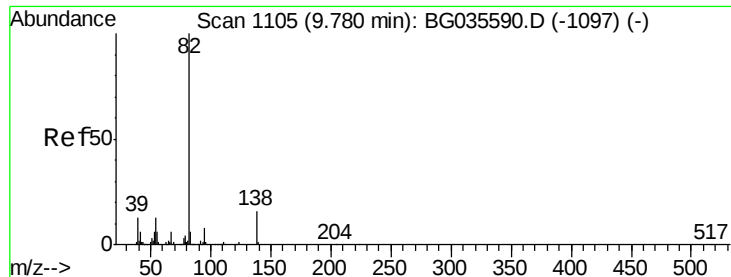
Tgt Ion: 82 Resp: 279962
 Ion Ratio Lower Upper
 82 100
 128 34.3 29.7 44.5
 54 42.5 43.1 64.7#



#24
 Nitrobenzene
 Concen: 50.552 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion: 77 Resp: 137640
 Ion Ratio Lower Upper
 77 100
 123 36.3 33.0 49.6
 65 13.0 13.0 19.6#





#25

Isophorone

Concen: 49.957 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

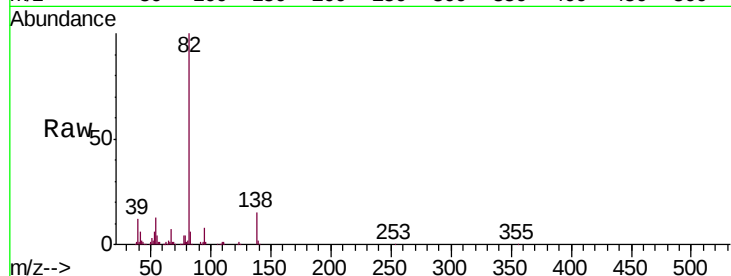
Tgt Ion: 82 Resp: 251071

Ion Ratio Lower Upper

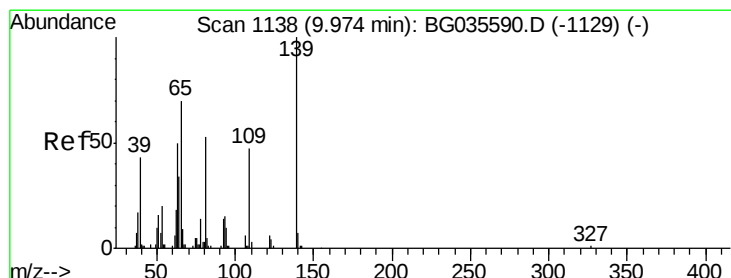
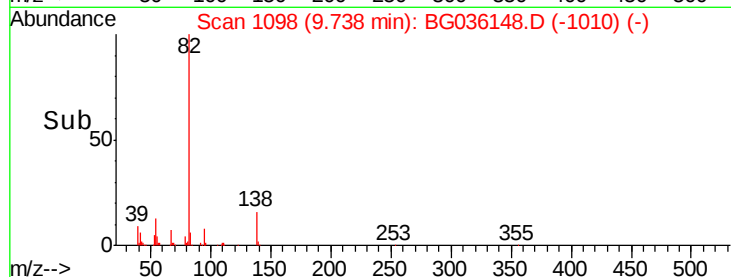
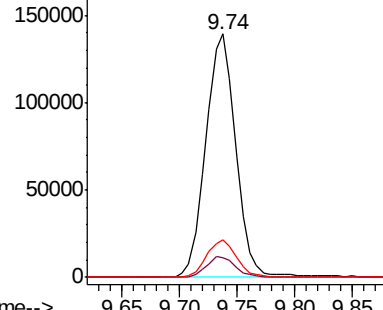
82 100

95 8.0 6.2 9.2

138 15.5 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 58.570 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

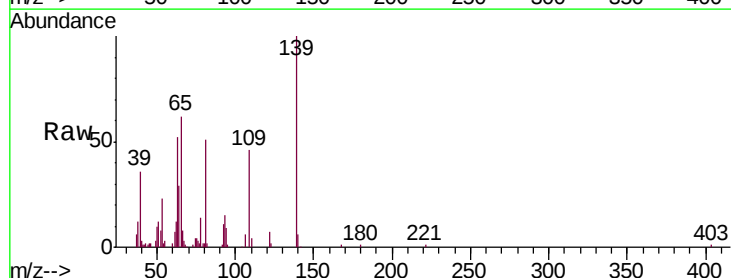
Tgt Ion: 139 Resp: 56636

Ion Ratio Lower Upper

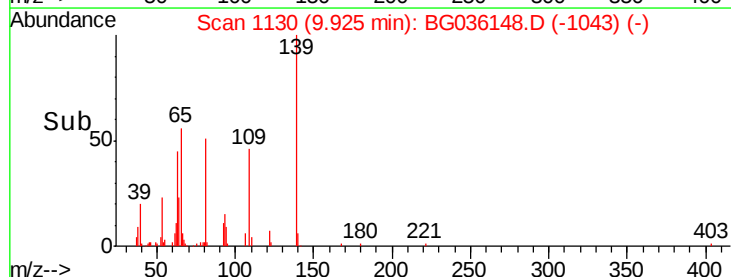
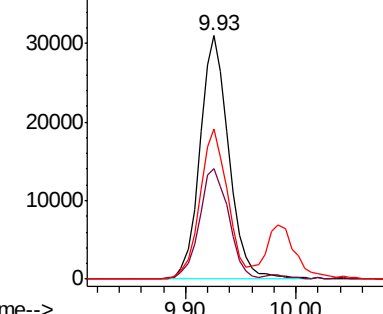
139 100

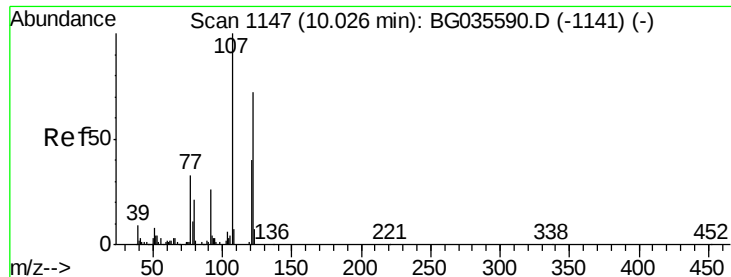
109 45.6 24.2 36.2#

65 61.8 47.4 71.0



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

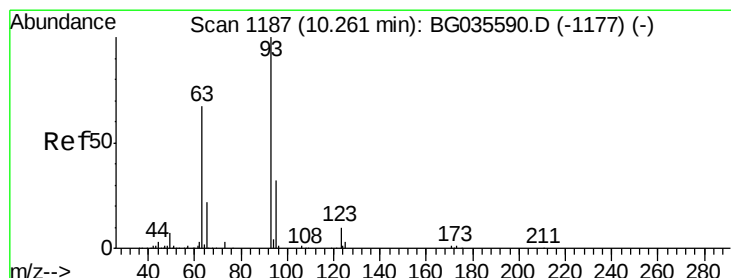
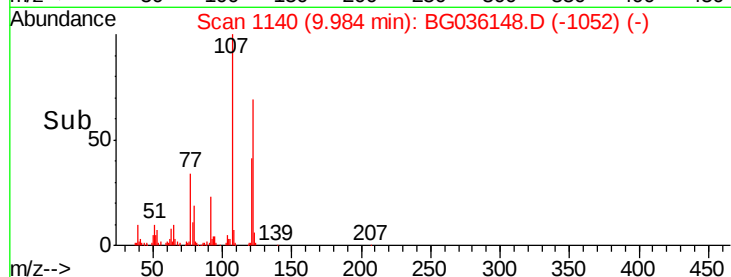
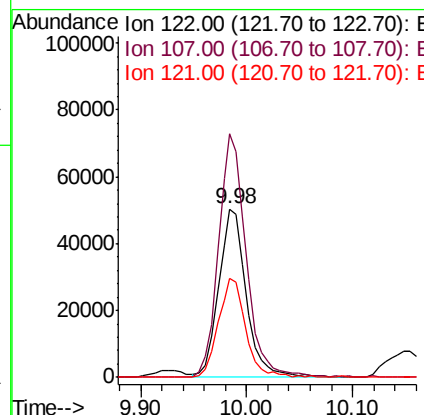
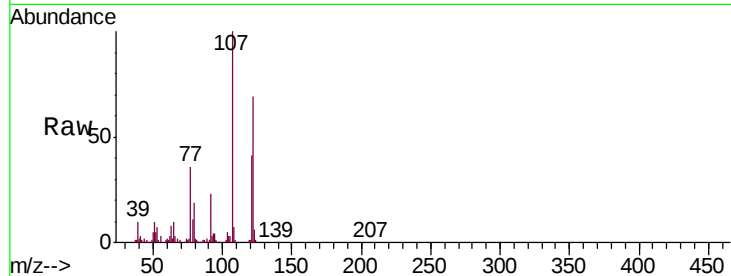




#27
 2,4-Dimethylphenol
 Concen: 56.109 ng
 RT: 9.98 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

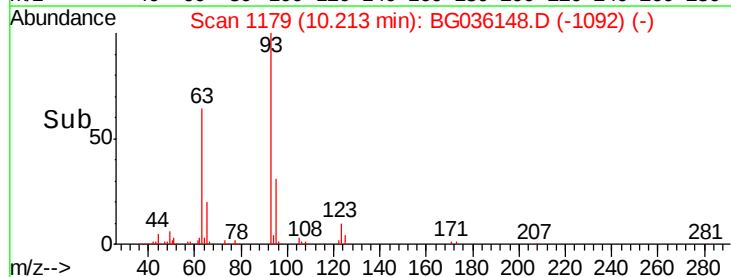
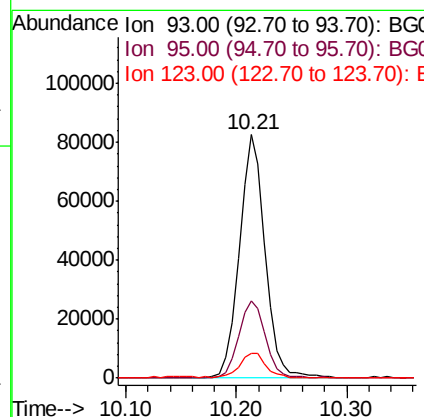
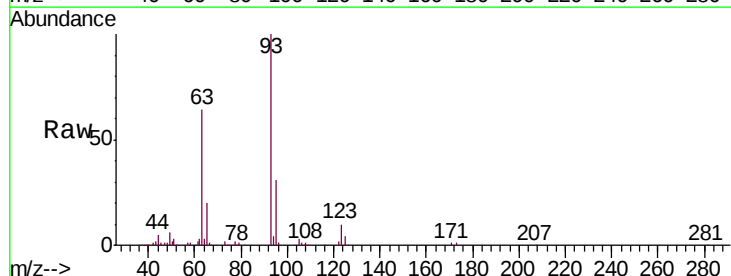
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

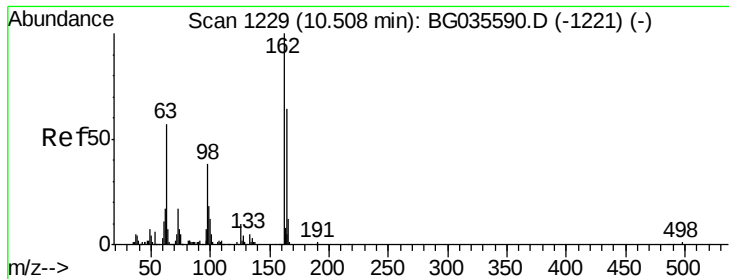
Tgt Ion:122 Resp: 91841
 Ion Ratio Lower Upper
 122 100
 107 144.9 100.2 150.2
 121 58.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.572 ng
 RT: 10.21 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion: 93 Resp: 134510
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 10.0 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 57.050 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

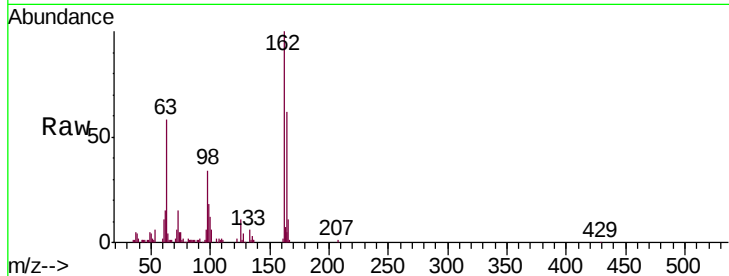
Tgt Ion:162 Resp: 106596

Ion Ratio Lower Upper

162 100

164 62.2 48.0 88.0

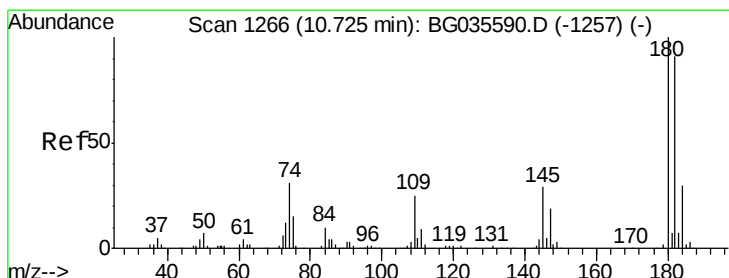
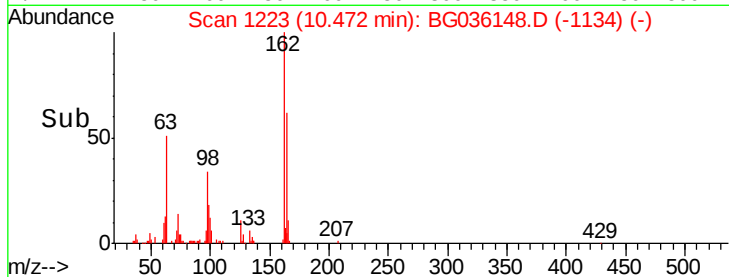
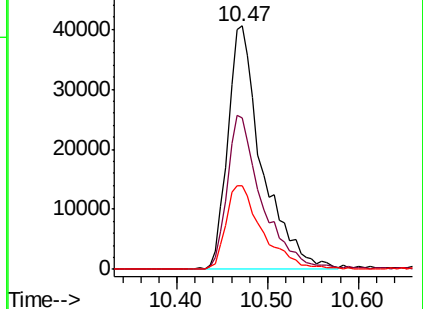
98 34.4 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 56.684 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

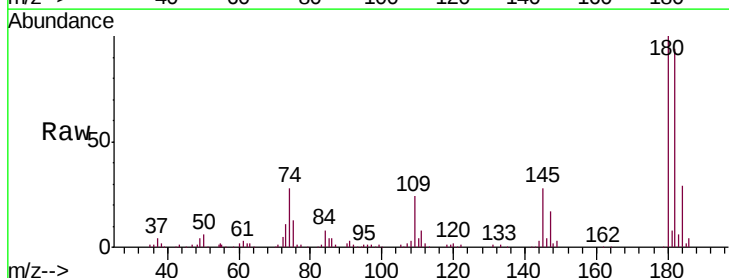
Tgt Ion:180 Resp: 129873

Ion Ratio Lower Upper

180 100

182 94.0 77.5 116.3

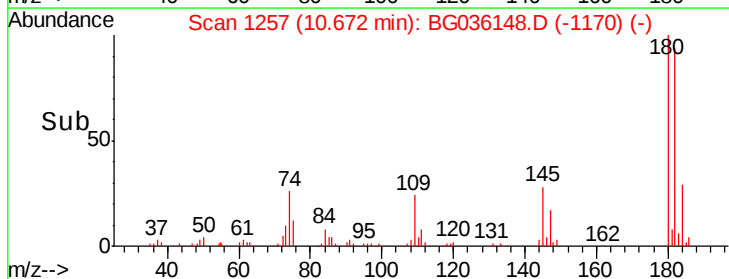
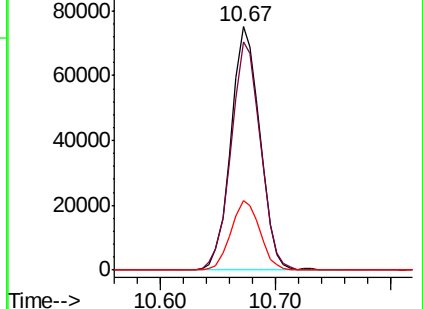
145 28.3 23.4 35.2

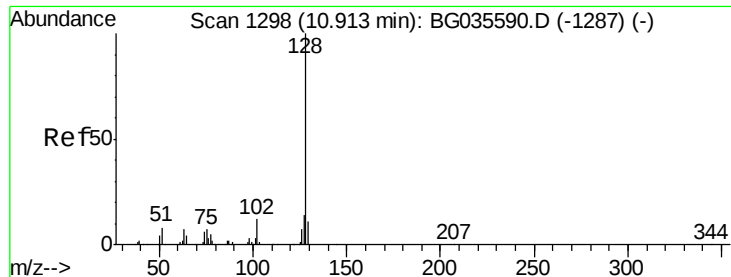


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

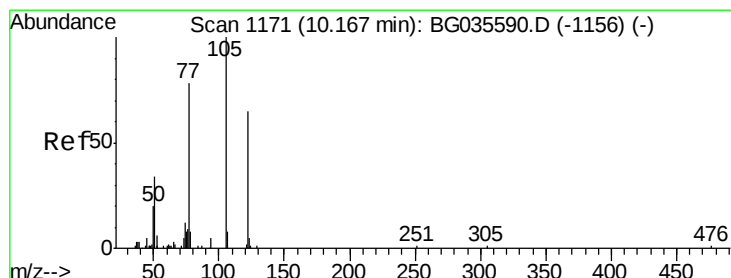
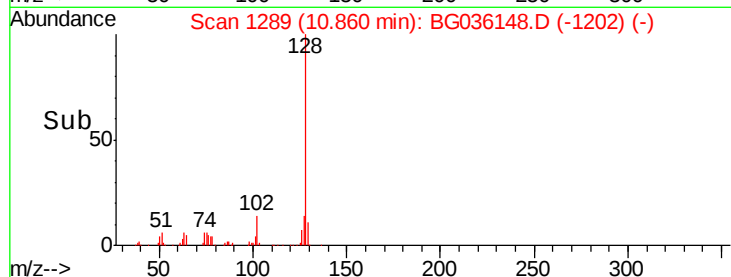
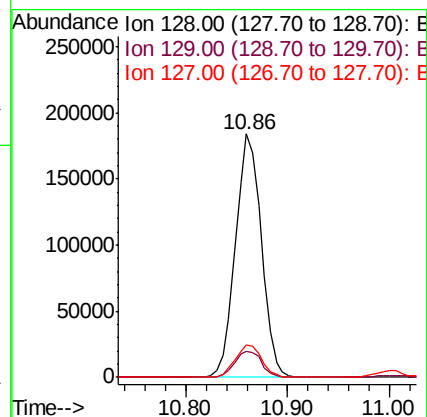
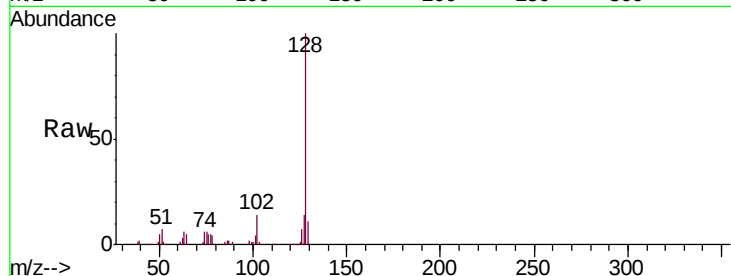




#31
Naphthalene
Concen: 55.384 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

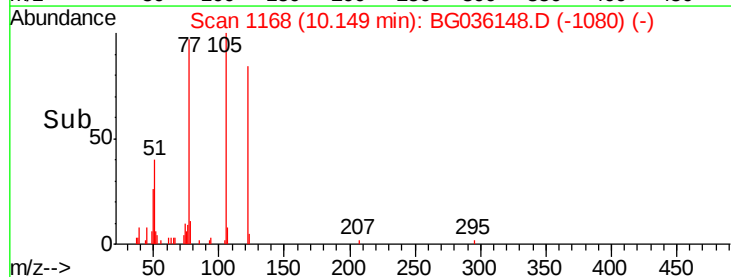
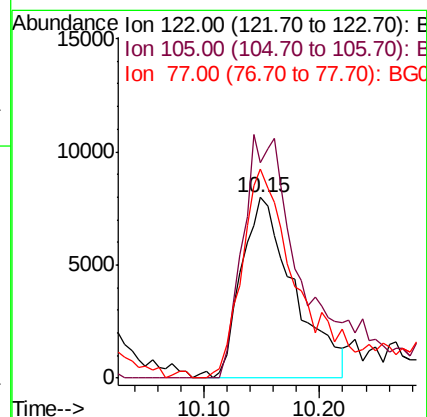
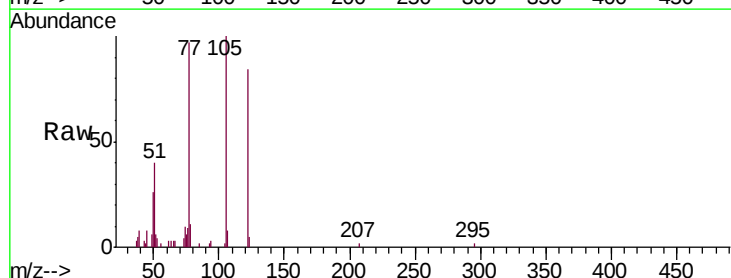
Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

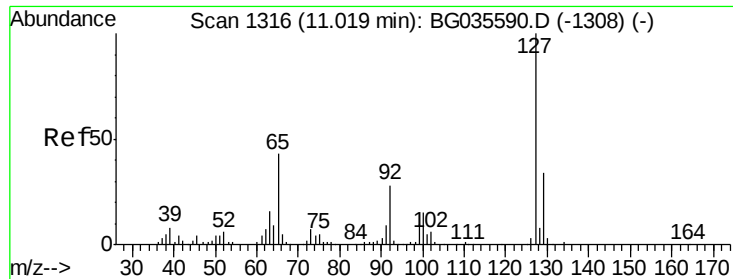
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 23.034 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	123.5	163.5#
77	116.2	85.7	125.7

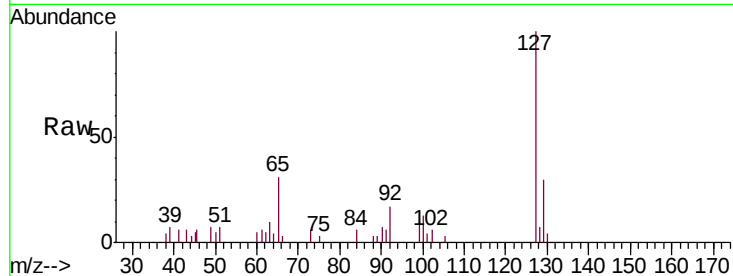




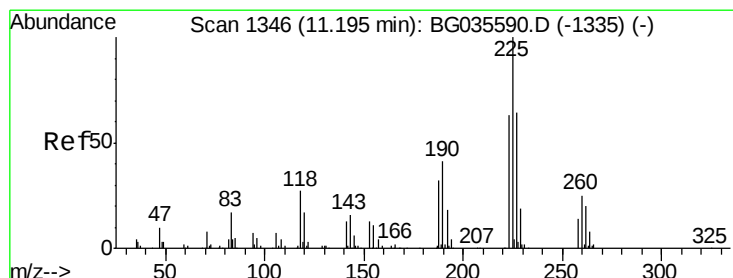
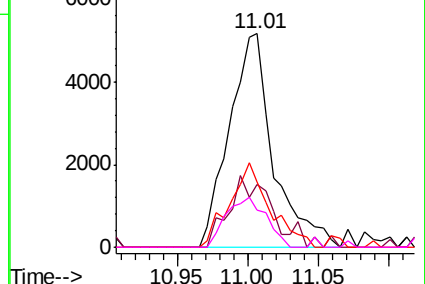
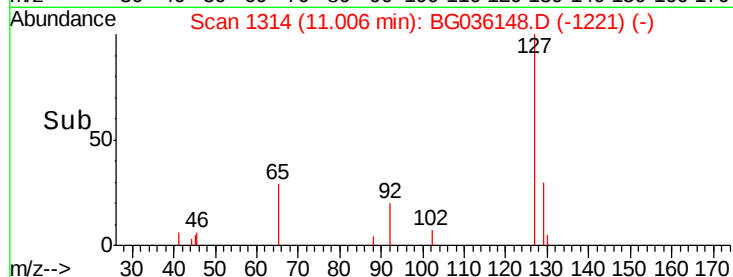
#33
4-Chloroaniline
Concen: 4.381 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Tgt Ion:	127	Resp:	11248
Ion	Ratio	Lower	Upper
127	100		
129	29.6	24.0	36.0
65	30.6	27.0	40.4
92	17.5	16.6	25.0

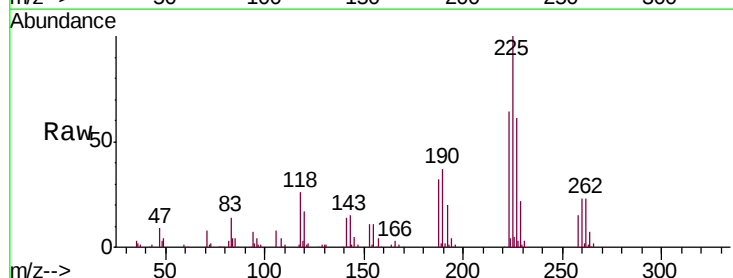


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

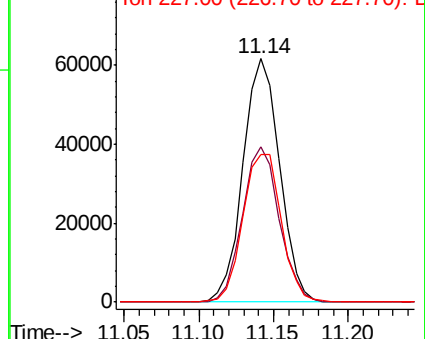
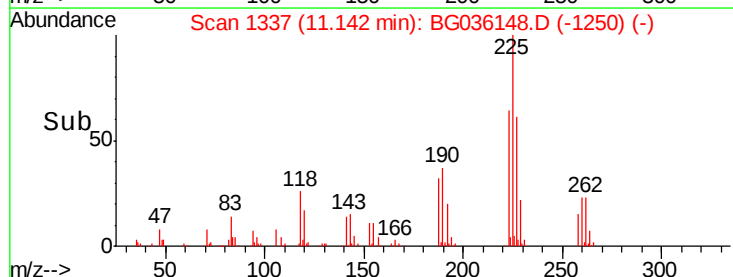


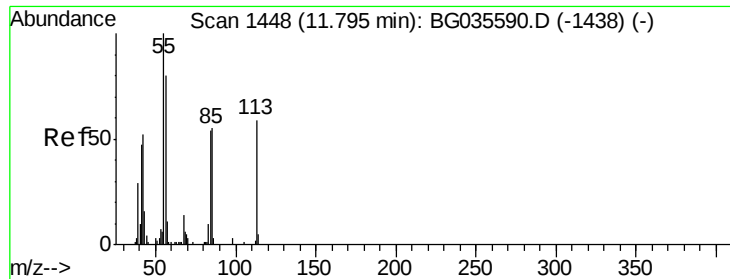
#34
Hexachlorobutadiene
Concen: 58.787 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:	225	Resp:	105030
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	60.8	48.1	72.1



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: 24.528 ng

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

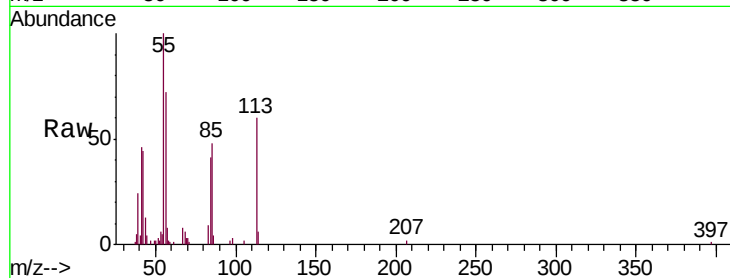
Tgt Ion:113 Resp: 19667

Ion Ratio Lower Upper

113 100

55 167.5 186.9 226.9#

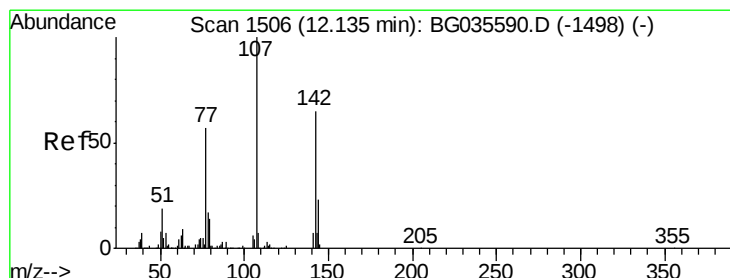
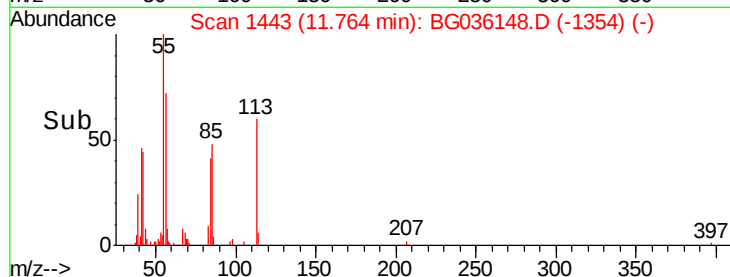
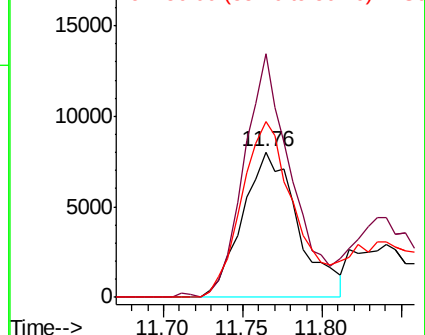
56 121.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.183 ng

RT: 12.10 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

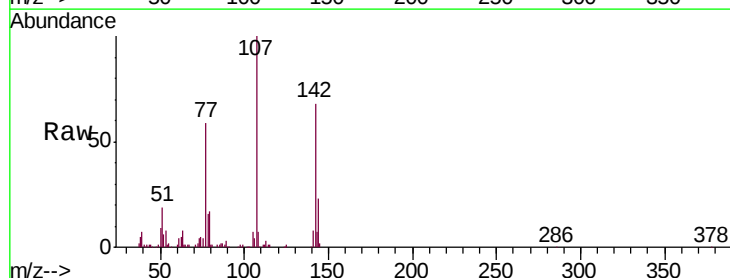
Tgt Ion:107 Resp: 130692

Ion Ratio Lower Upper

107 100

144 23.4 18.2 27.4

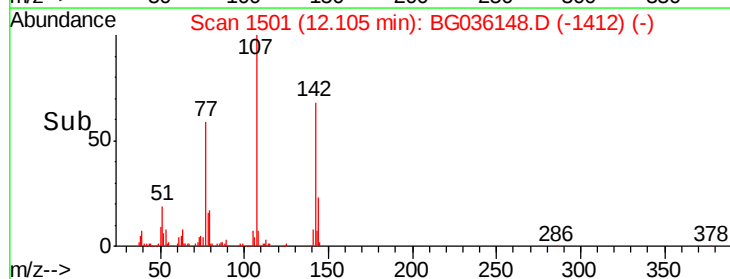
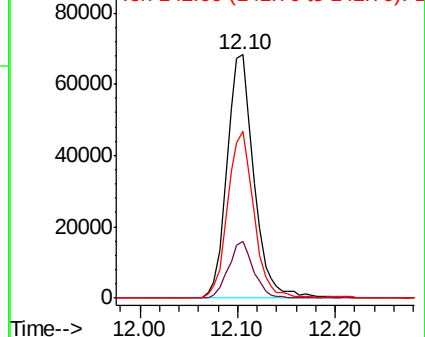
142 68.3 59.0 88.4

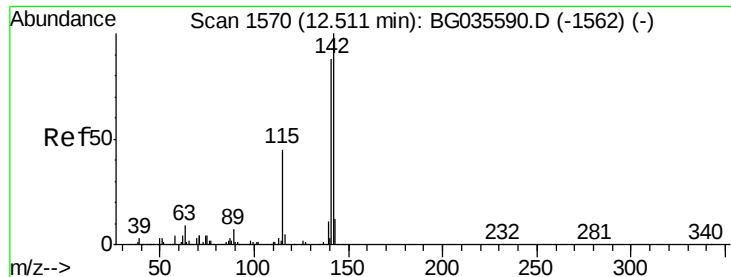


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

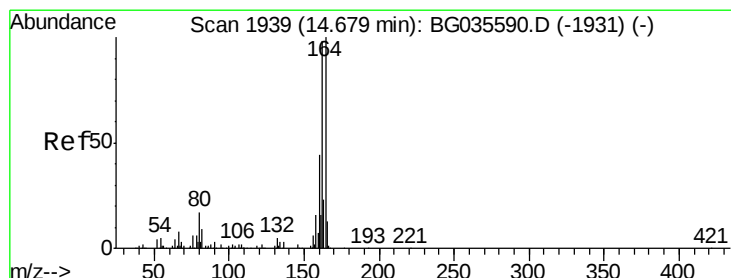
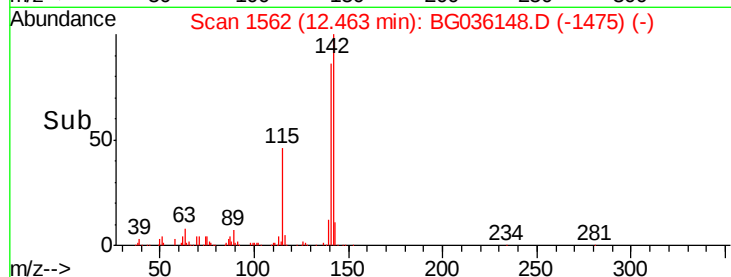
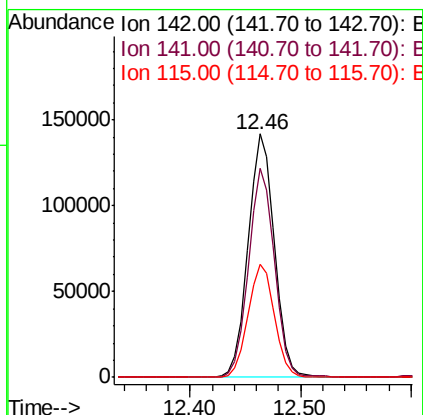
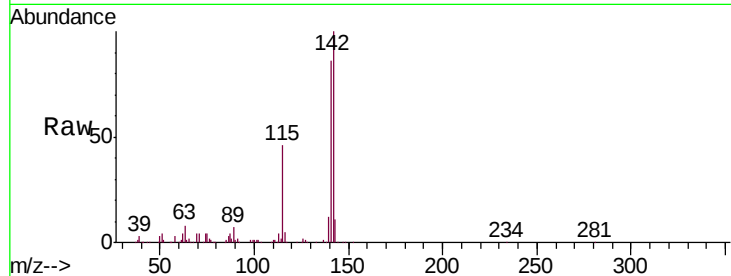




#37
 2-Methylnaphthalene
 Concen: 53.869 ng
 RT: 12.46 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

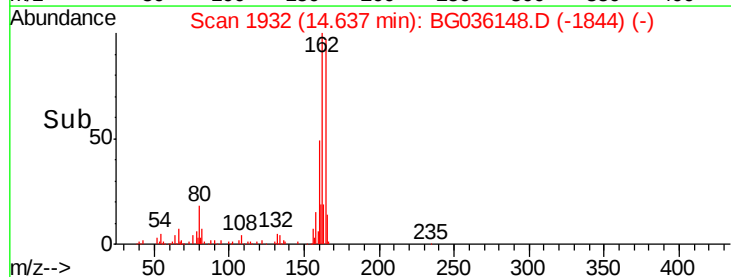
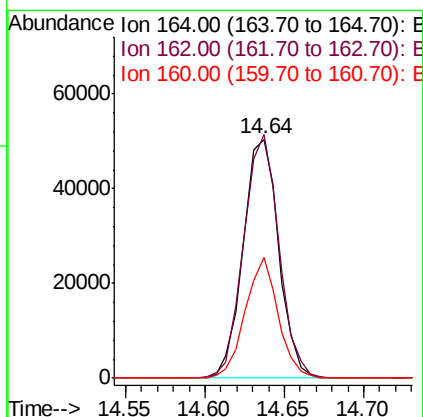
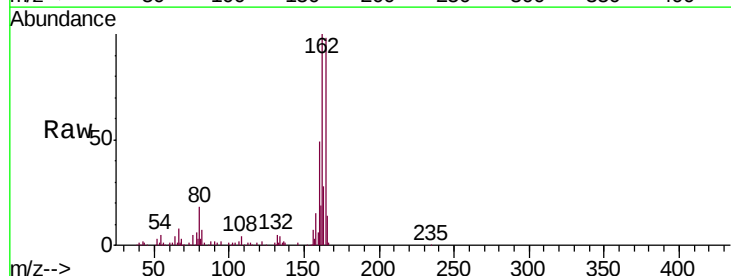
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

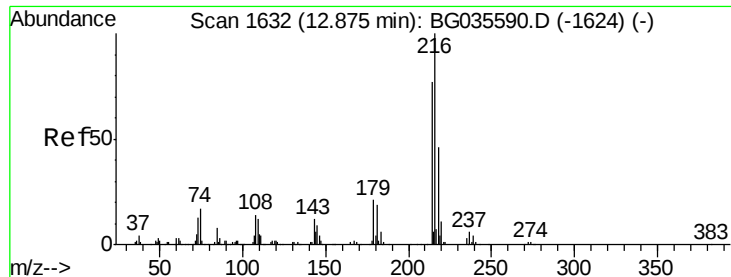
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.0	67.1	100.7
115	46.3	30.7	46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	50.3	35.4	53.0

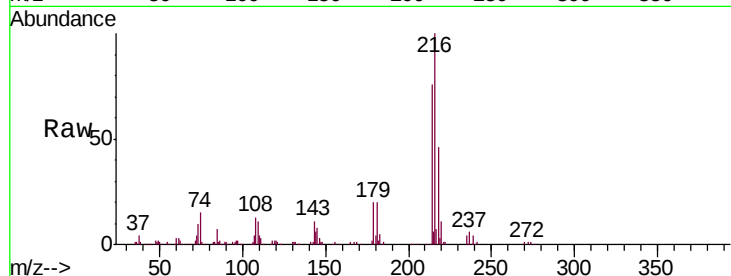




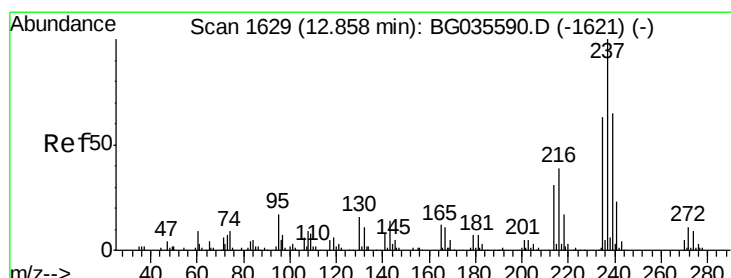
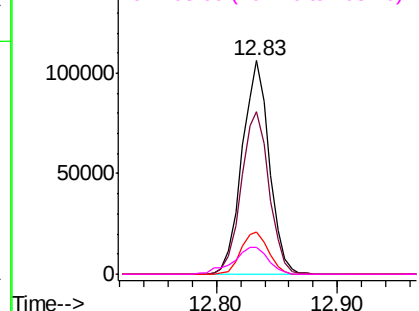
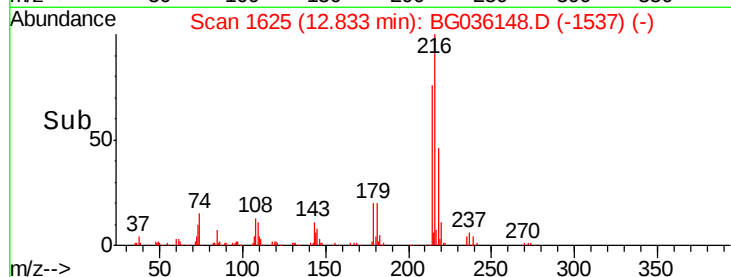
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.216 ng
 RT: 12.83 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

Tgt Ion:	216	Resp:	166715
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.0	17.0	25.6
108	16.4	12.8	19.2

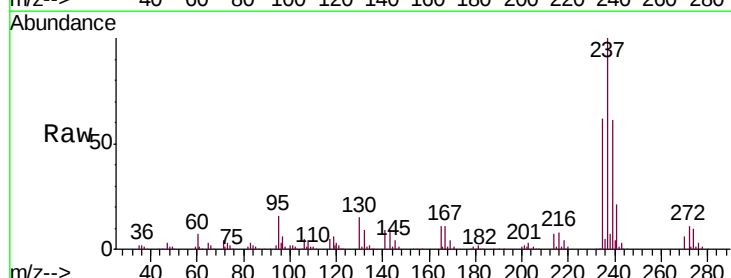


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

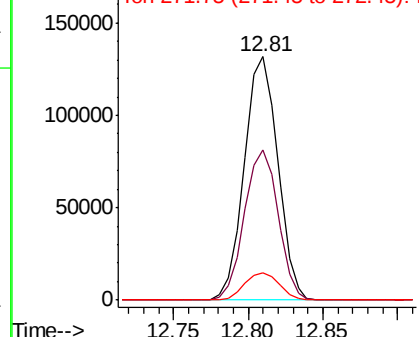
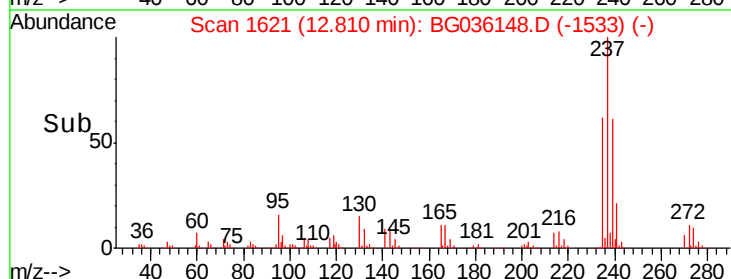


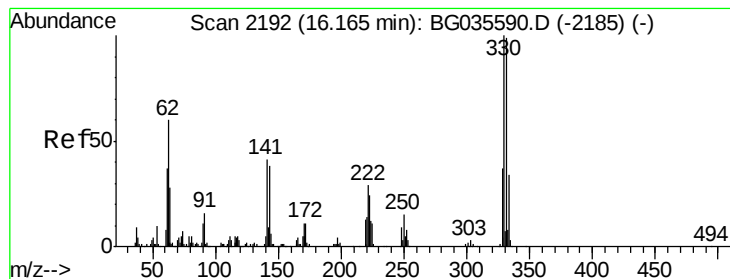
#40
 Hexachlorocyclopentadiene
 Concen: 131.894 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion:	237	Resp:	205135
Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.4	90.4
272	11.3	0.0	31.8



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: 197.642 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

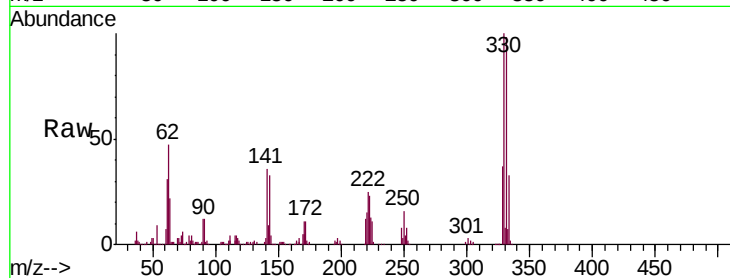
Tgt Ion:330 Resp: 204687

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

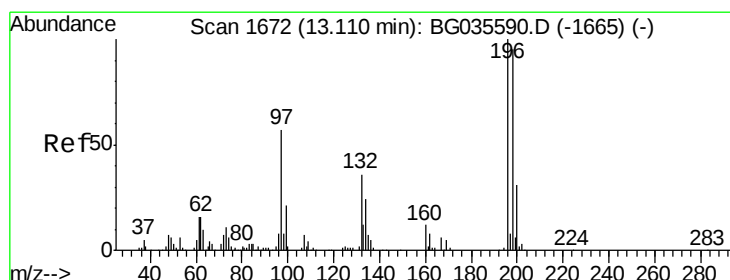
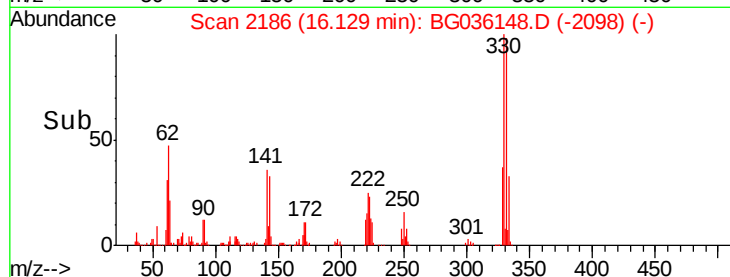
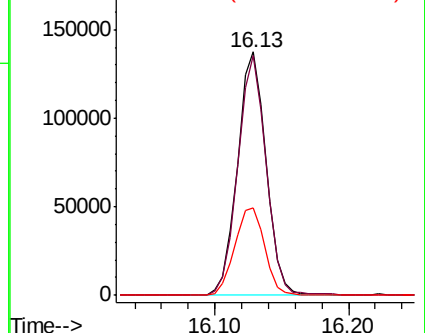
141 37.9 25.2 37.8#



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: 58.959 ng

RT: 13.07 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

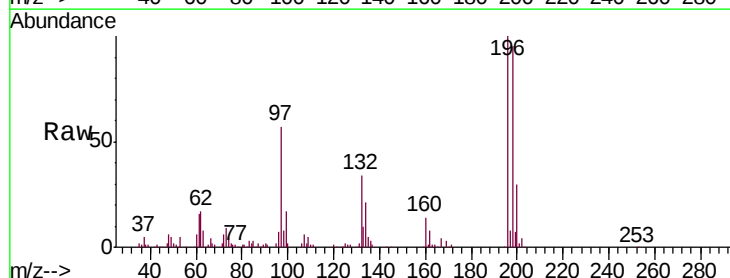
Tgt Ion:196 Resp: 102253

Ion Ratio Lower Upper

196 100

198 94.7 78.2 117.2

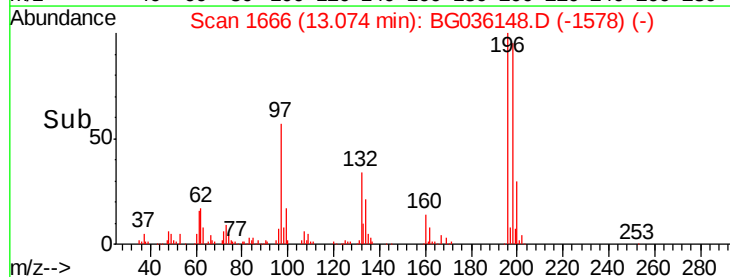
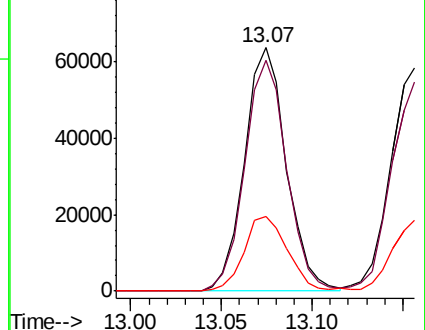
200 30.4 24.6 36.8

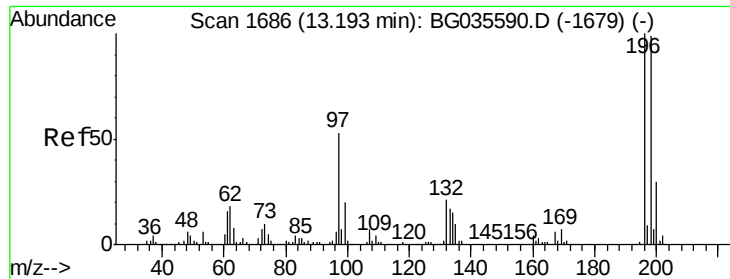


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

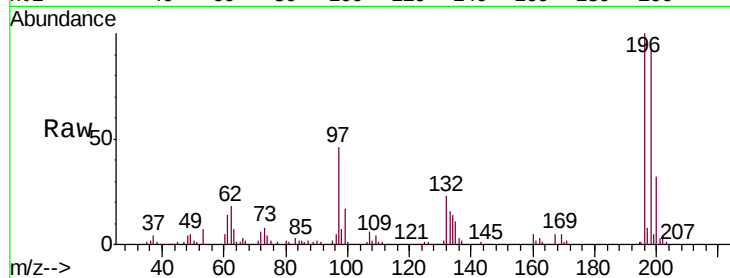




#43
 2,4,5-Trichlorophenol
 Concen: 59.414 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.2	114.4
97	46.1	38.7	58.1
132	22.6	20.2	30.2



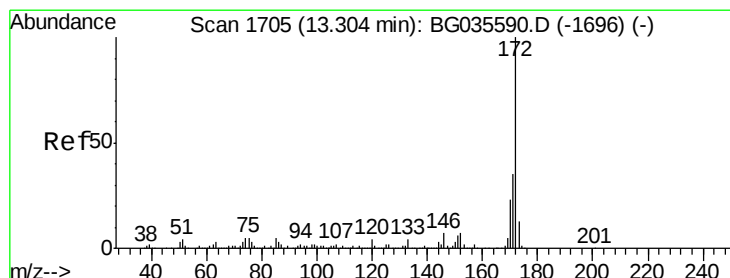
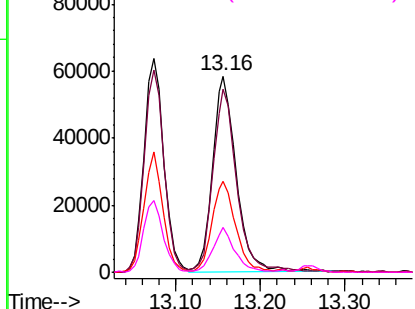
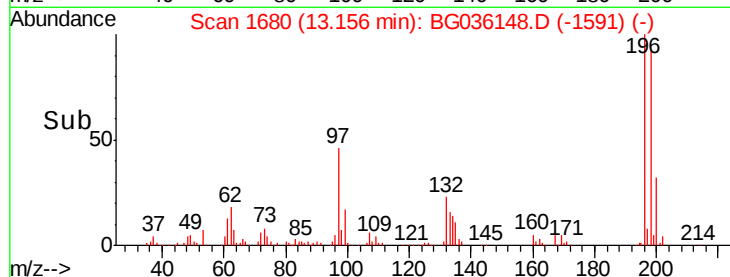
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

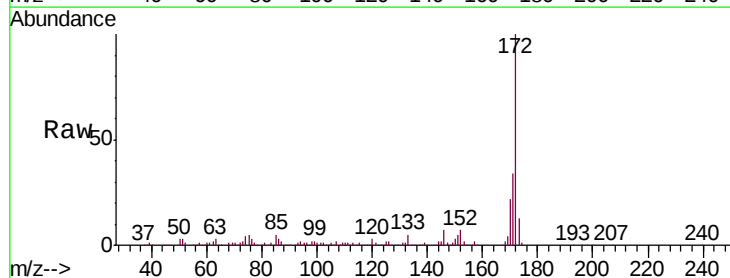
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.639 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	22.4	19.5	29.3

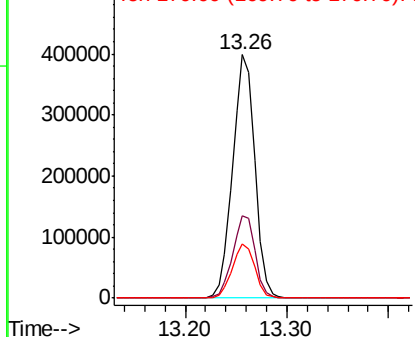
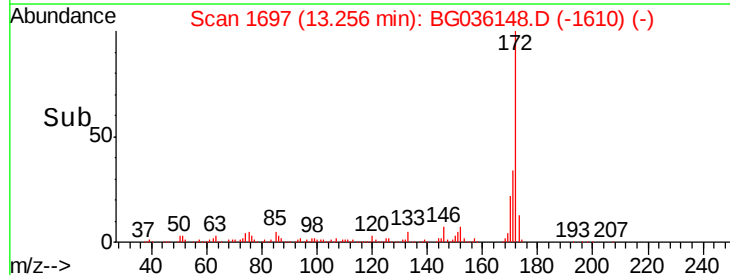


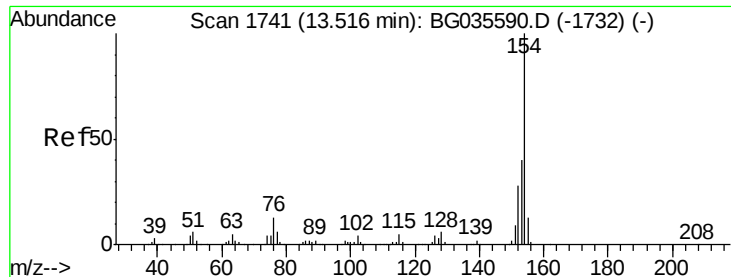
Abundance

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

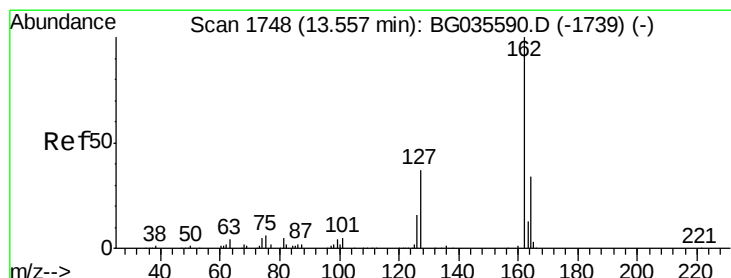
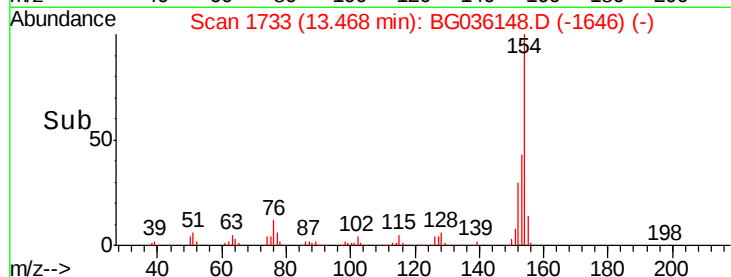
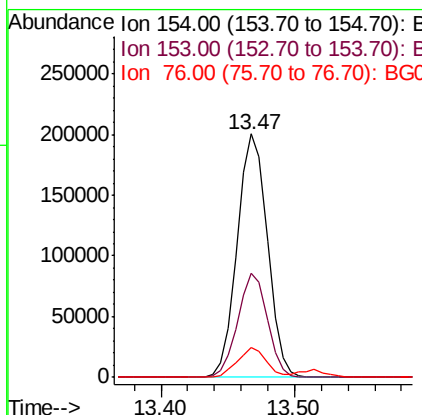
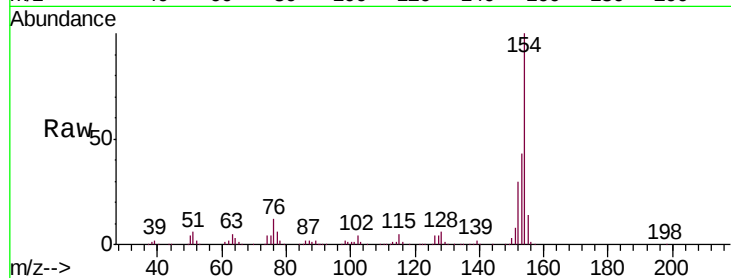




#45
 1,1'-Biphenyl
 Concen: 51.458 ng
 RT: 13.47 min Scan# 1733
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

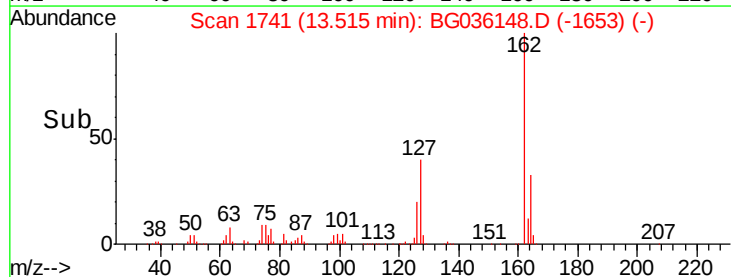
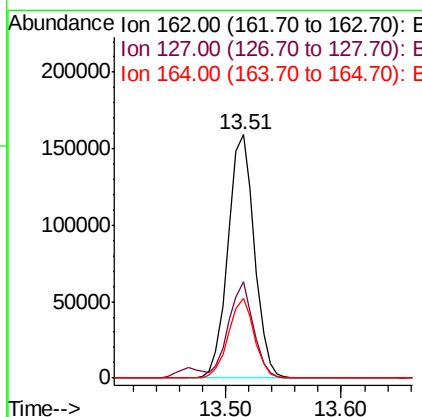
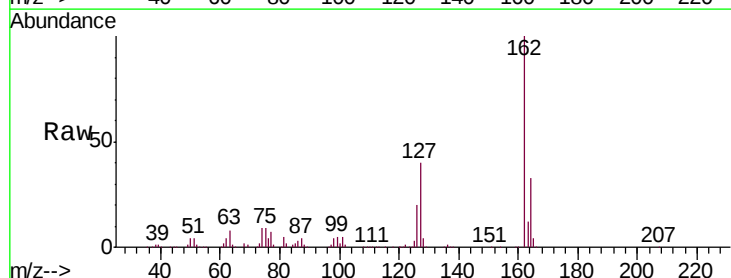
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

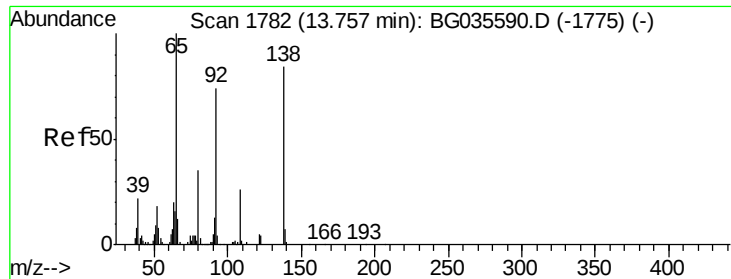
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	12.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 52.989 ng
 RT: 13.51 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.7	46.1
164	32.8	26.0	39.0





#47

2-Nitroaniline

Concen: 54.177 ng

RT: 13.72 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

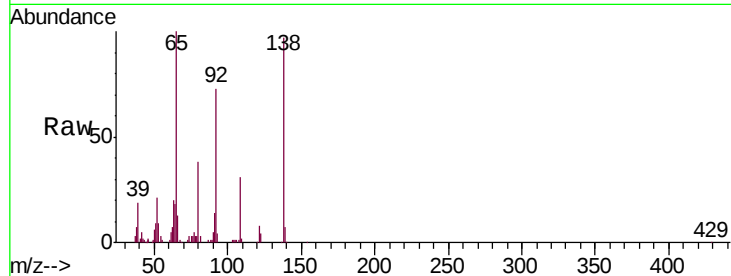
Tgt Ion: 65 Resp: 90756

Ion Ratio Lower Upper

65 100

92 72.9 54.6 82.0

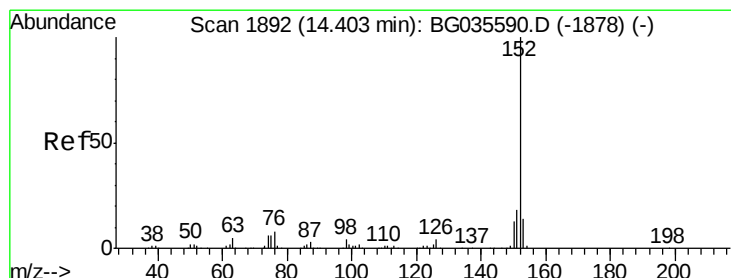
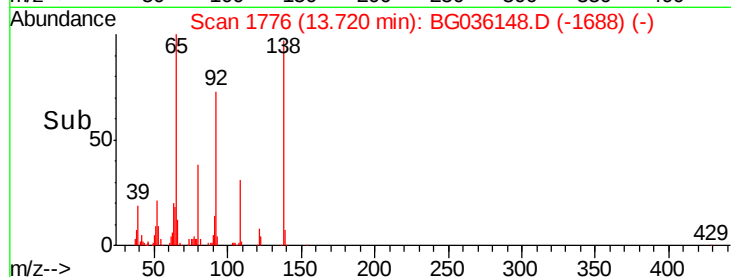
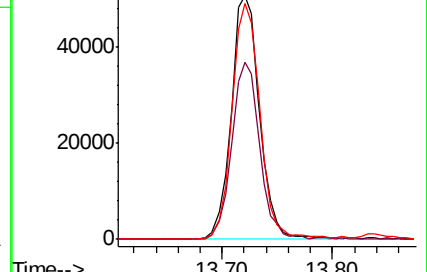
138 96.7 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BG035590.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BG035590.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BG035590.D (-1775) (-)



#48

Acenaphthylene

Concen: 52.105 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

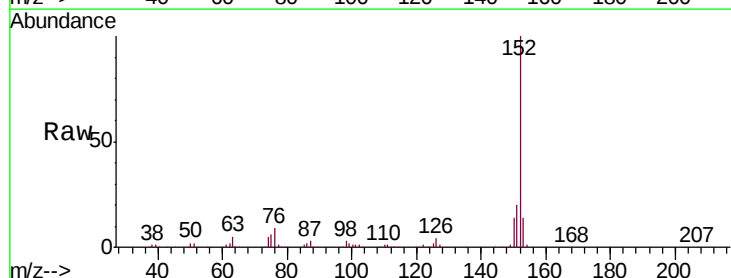
Tgt Ion: 152 Resp: 413576

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

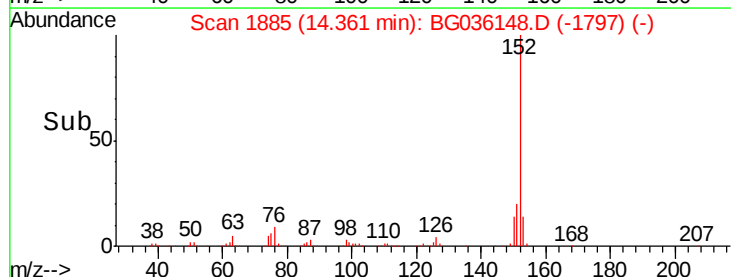
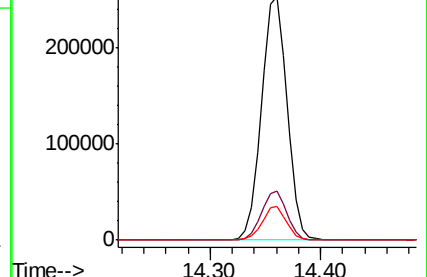
153 13.7 10.2 15.4

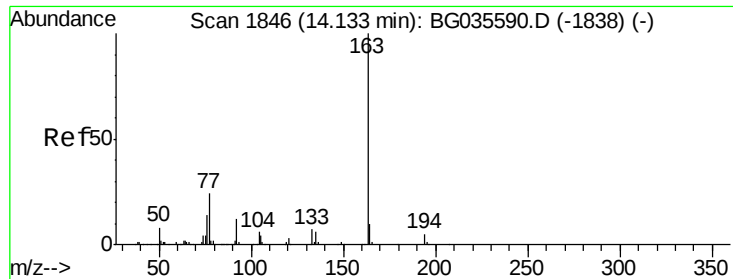


Abundance Ion 152.00 (151.70 to 152.70): BG035590.D (-1878) (-)

Ion 151.00 (150.70 to 151.70): BG035590.D (-1878) (-)

Ion 153.00 (152.70 to 153.70): BG035590.D (-1878) (-)





#49

Dimethylphthalate

Concen: 51.027 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

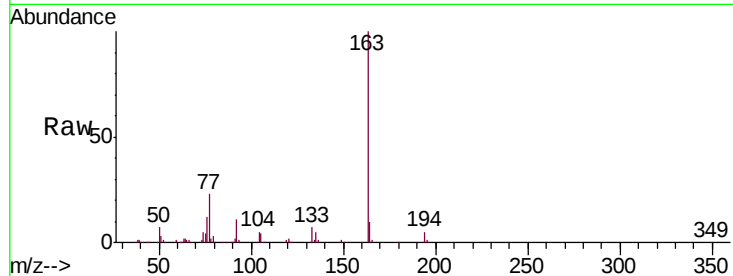
Tgt Ion:163 Resp: 351278

Ion Ratio Lower Upper

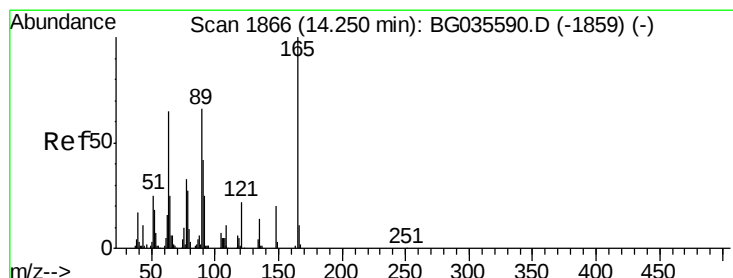
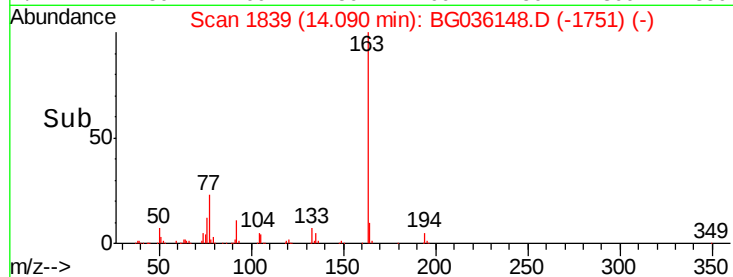
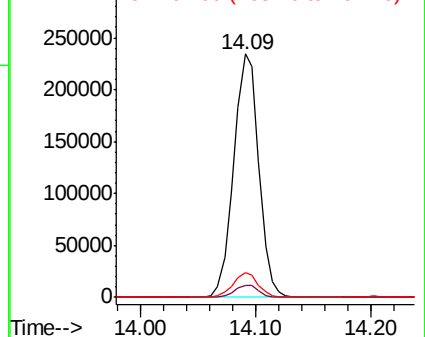
163 100

194 4.6 3.4 5.2

164 9.9 8.2 12.4



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: 57.557 ng

RT: 14.21 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

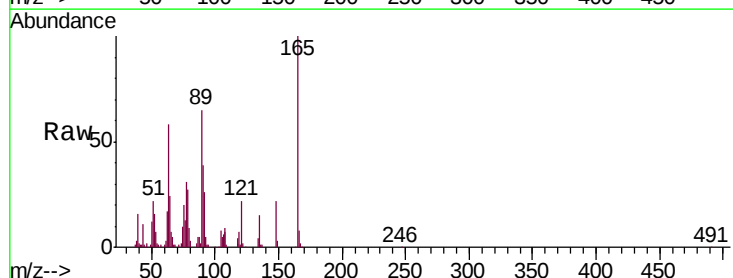
Tgt Ion:165 Resp: 80688

Ion Ratio Lower Upper

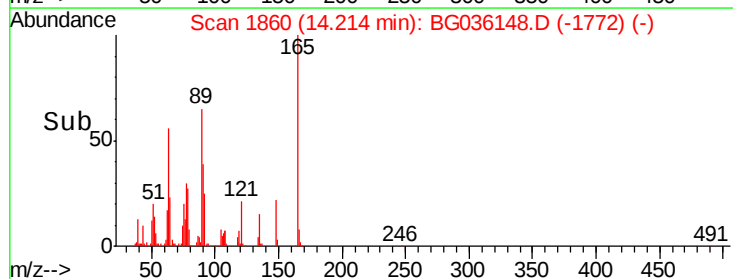
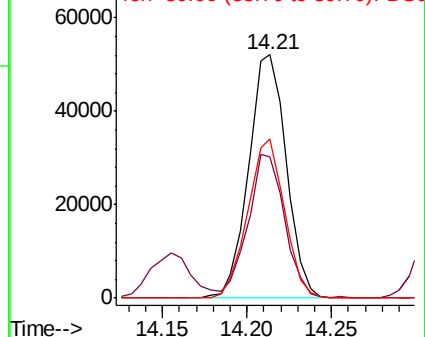
165 100

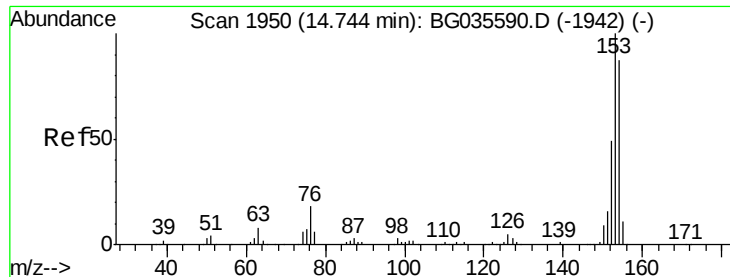
63 58.1 52.7 79.1

89 65.1 49.2 73.8



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: 48.783 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

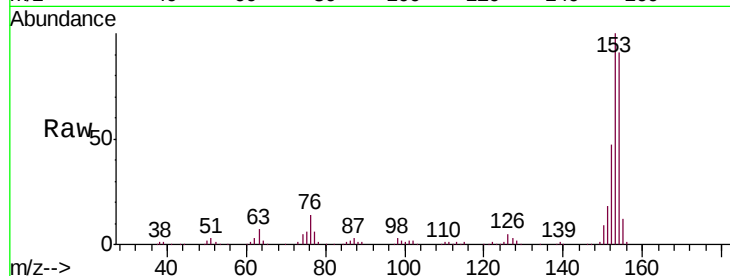
Tgt Ion:154 Resp: 241206

Ion Ratio Lower Upper

154 100

153 109.7 90.4 135.6

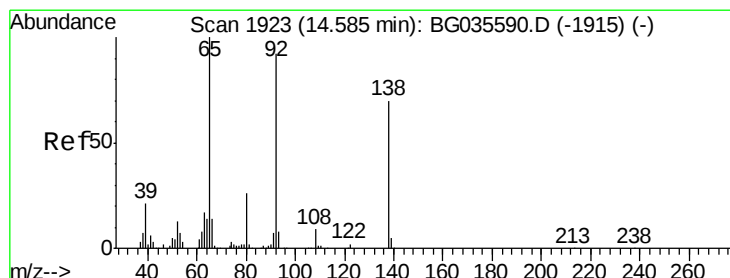
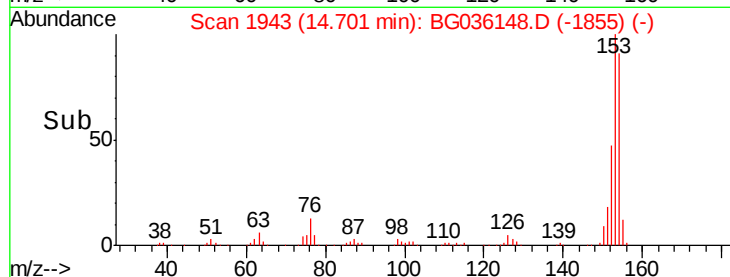
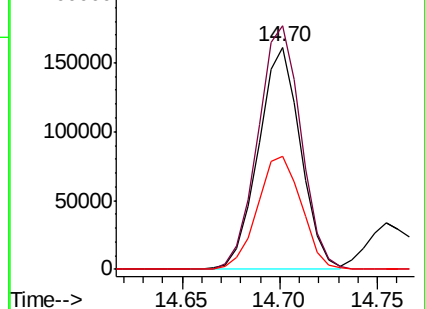
152 51.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.106 ng

RT: 14.55 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

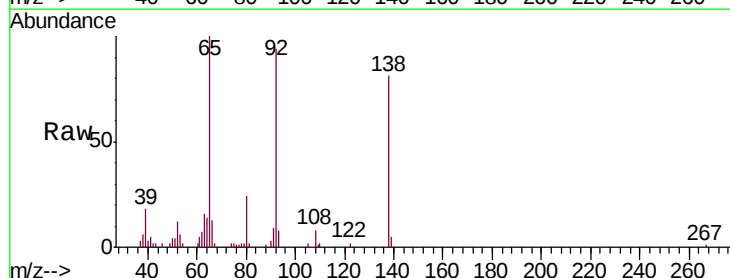
Tgt Ion:138 Resp: 35972

Ion Ratio Lower Upper

138 100

108 9.6 17.5 26.3#

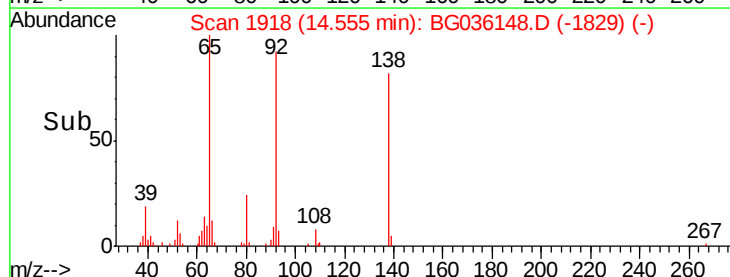
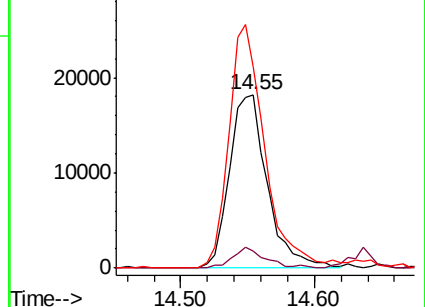
92 116.4 105.8 158.8

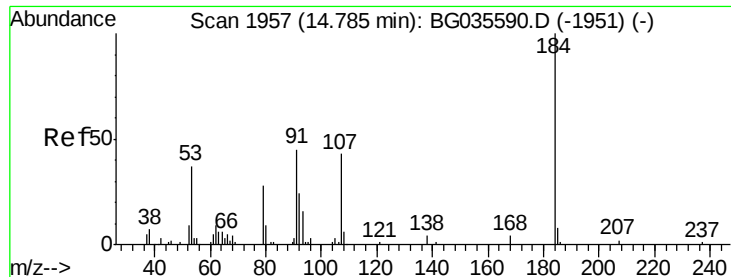


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

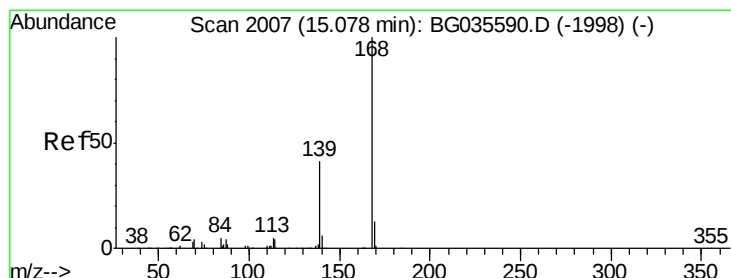
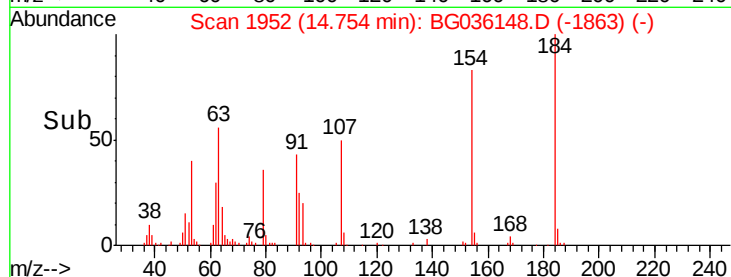
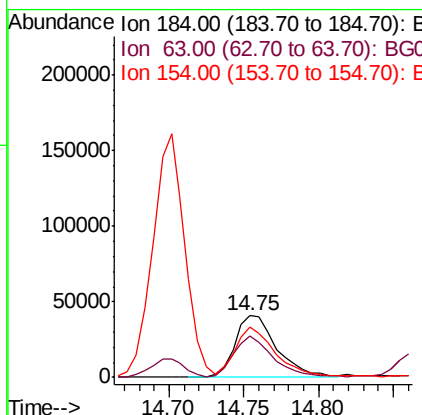
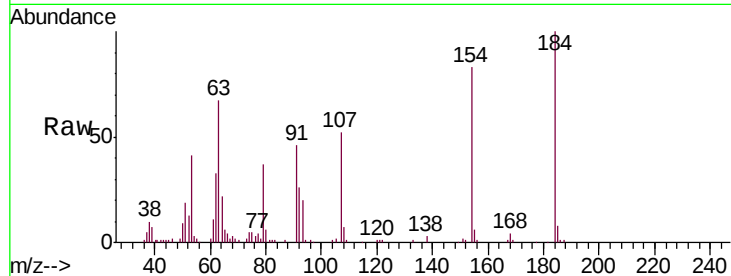




#53
 2,4-Dinitrophenol
 Concen: 108.427 ng
 RT: 14.75 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

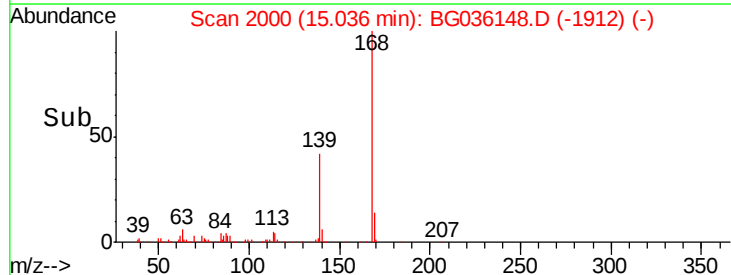
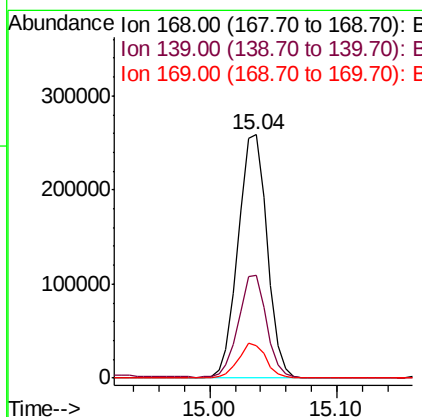
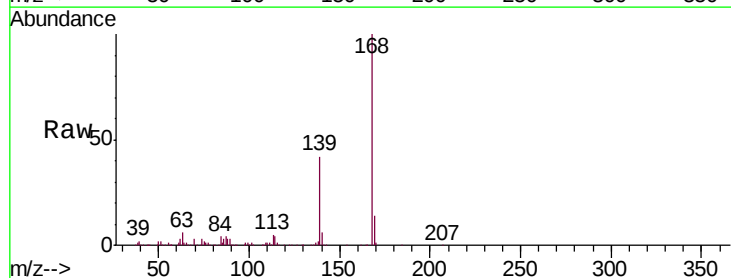
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

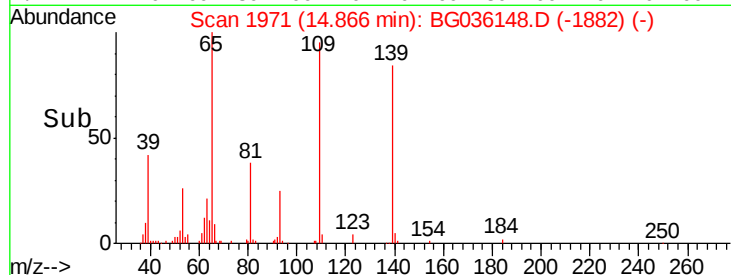
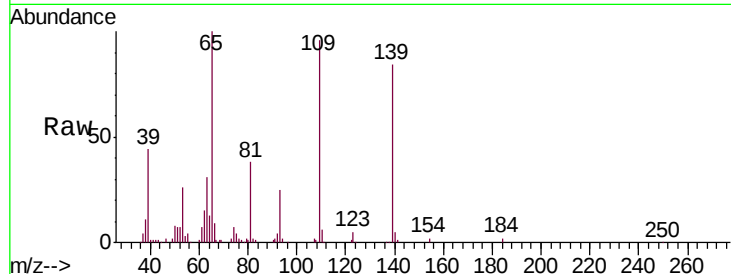
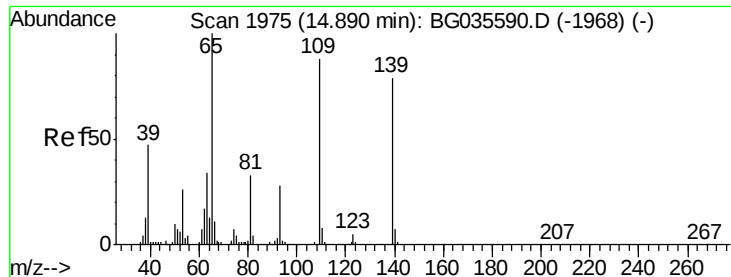
Tgt Ion:184 Resp: 80002
 Ion Ratio Lower Upper
 184 100
 63 66.8 59.8 89.8
 154 82.5 101.8 152.8#



#54
 Dibenzofuran
 Concen: 52.156 ng
 RT: 15.04 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion:168 Resp: 410130
 Ion Ratio Lower Upper
 168 100
 139 42.4 28.6 43.0
 169 13.5 11.2 16.8

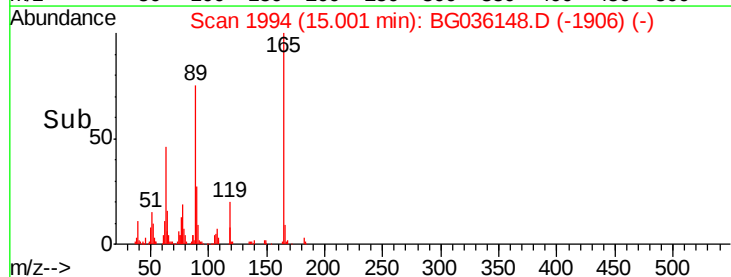
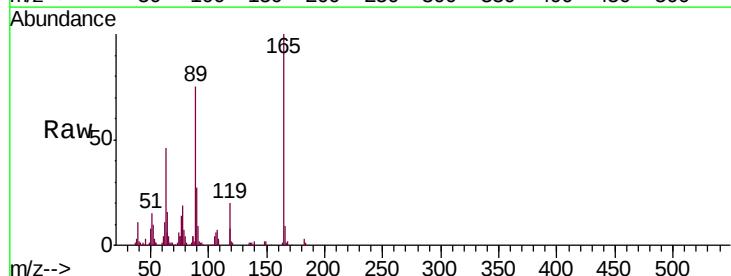
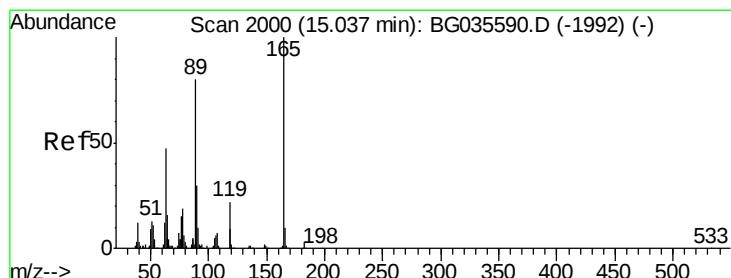
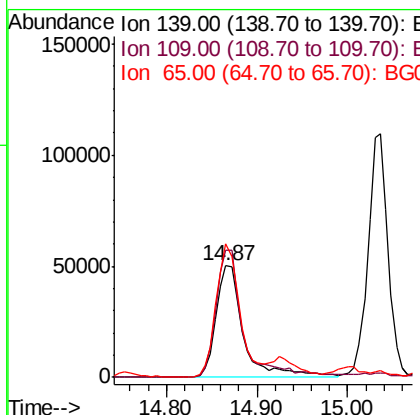




#55
4-Nitrophenol
Concen: 103.773 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

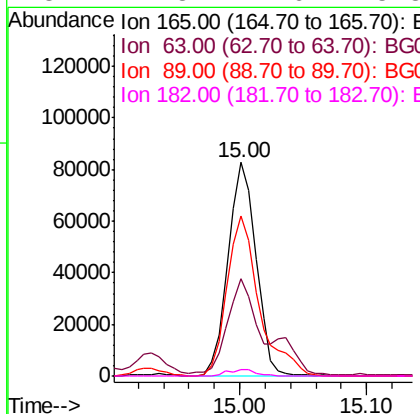
Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

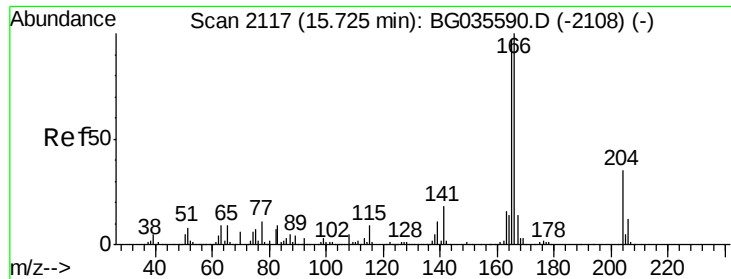
Tgt Ion:139 Resp: 105889
Ion Ratio Lower Upper
139 100
109 114.9 62.2 102.2#
65 119.6 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 62.638 ng
RT: 15.00 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:165 Resp: 125976
Ion Ratio Lower Upper
165 100
63 45.6 42.0 63.0
89 74.7 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 52.873 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

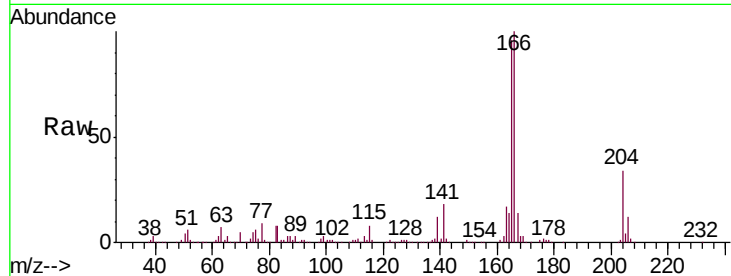
Tgt Ion:166 Resp: 348473

Ion Ratio Lower Upper

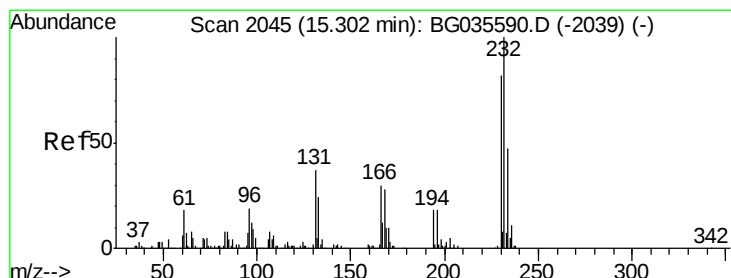
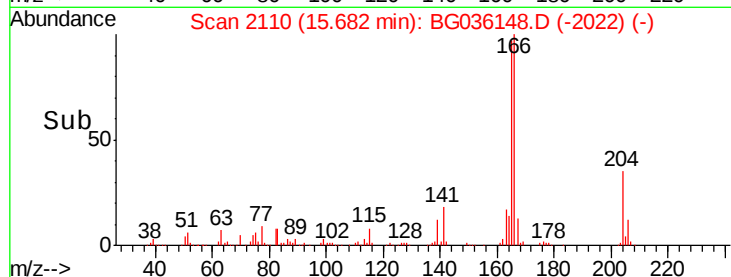
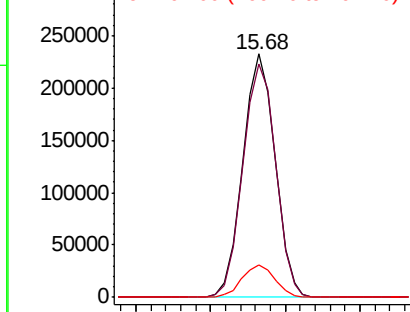
166 100

165 95.6 80.6 121.0

167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.798 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Tgt Ion:232 Resp: 116818

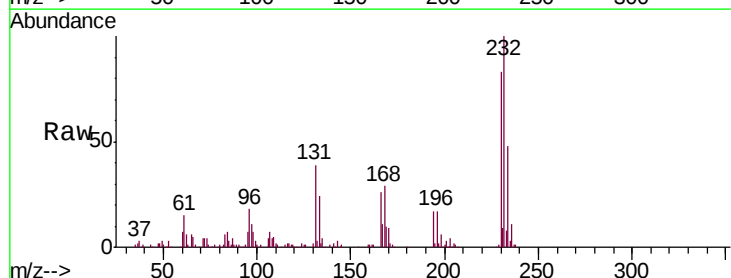
Ion Ratio Lower Upper

232 100

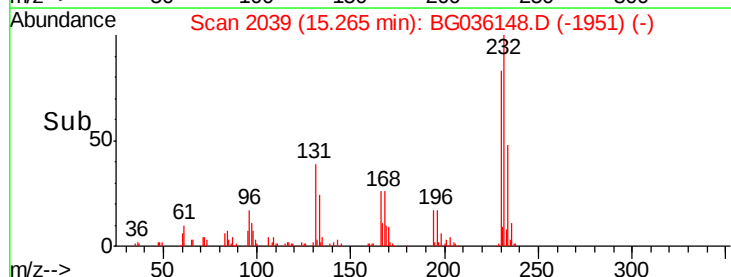
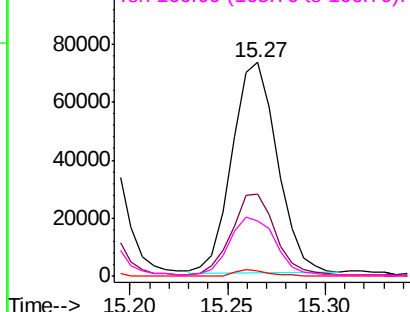
131 37.9 33.5 50.3

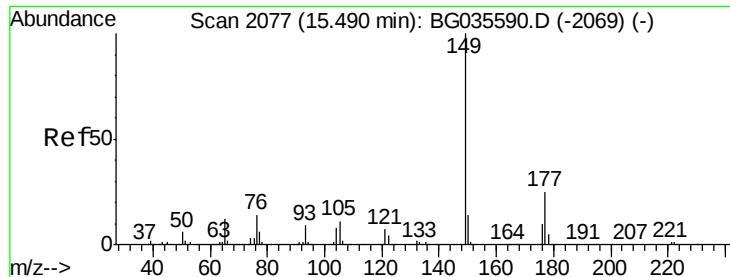
130 2.0 2.2 3.2#

166 28.5 24.8 37.2



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

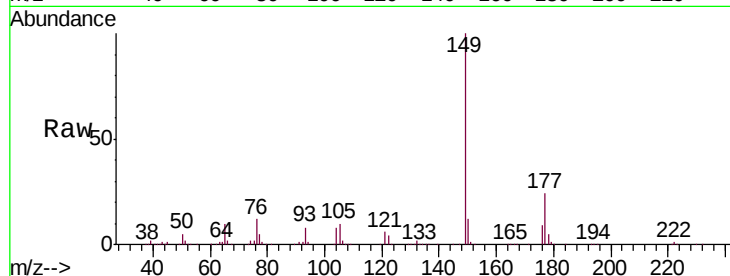




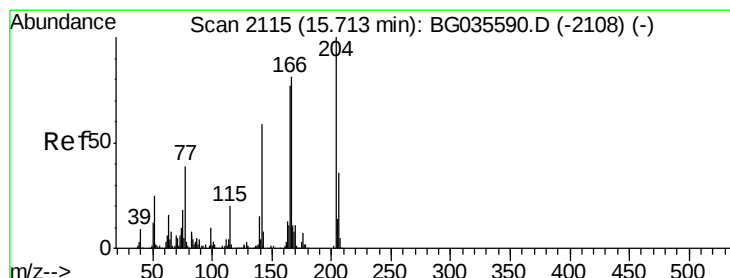
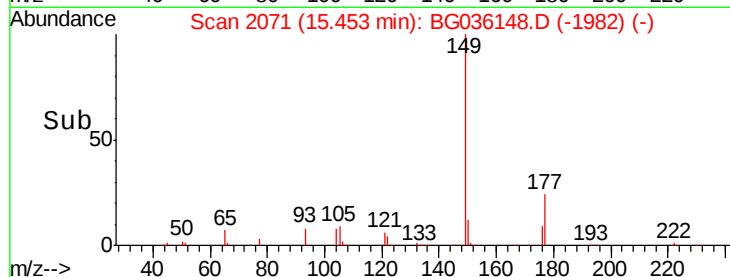
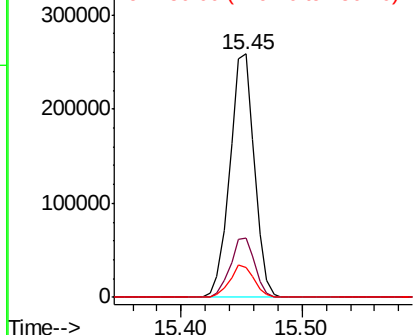
#59
Diethylphthalate
Concen: 51.503 ng
RT: 15.45 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Tgt Ion:149 Resp: 364576
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 12.1 10.2 15.2

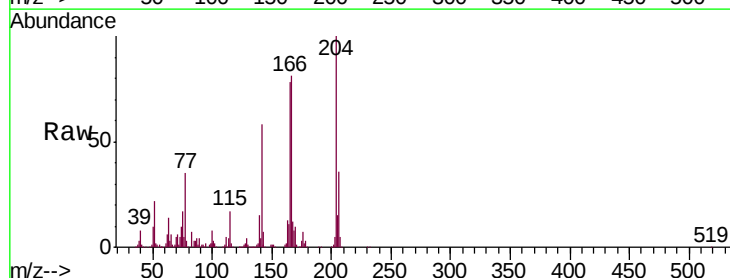


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

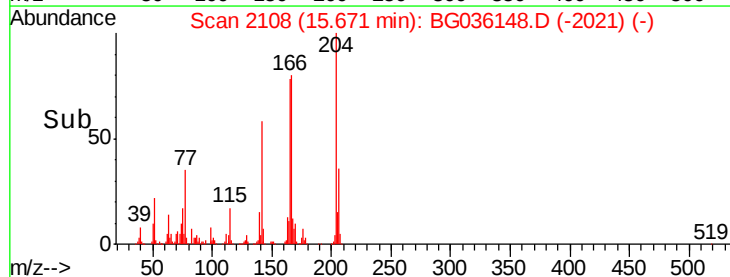
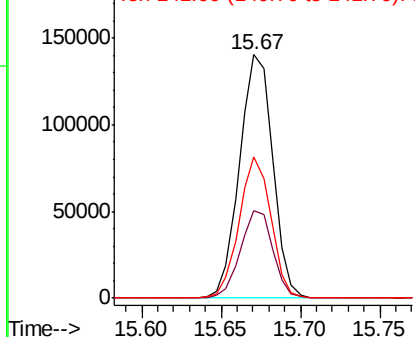


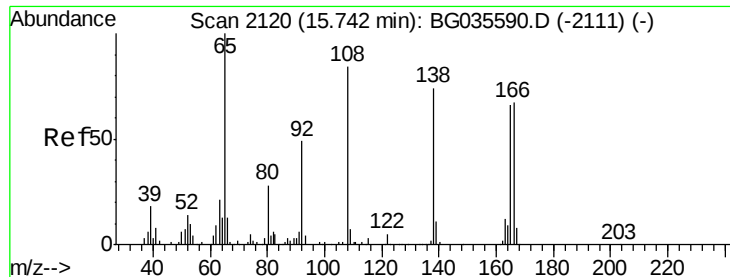
#60
4-Chlorophenyl-phenylether
Concen: 52.715 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:204 Resp: 204204
Ion Ratio Lower Upper
204 100
206 35.8 26.2 39.2
141 57.8 45.8 68.6



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

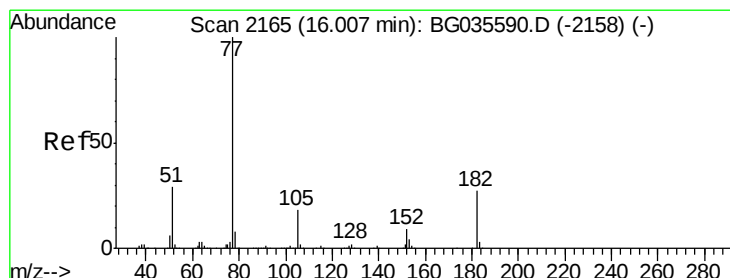
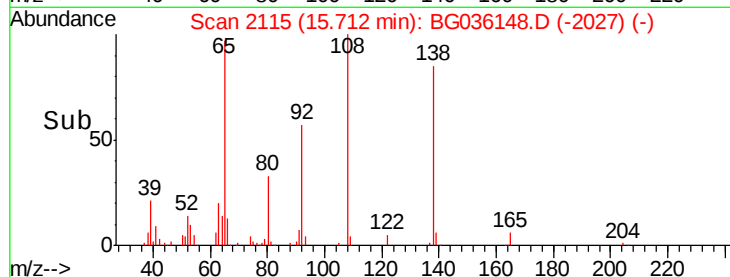
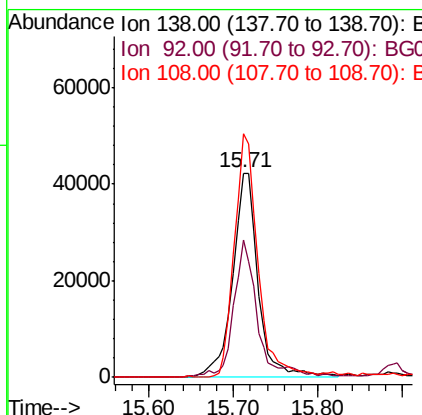
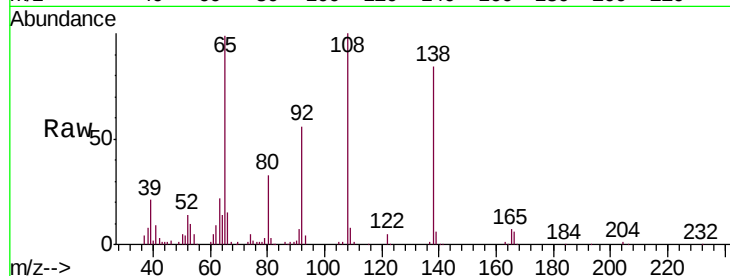




#61
4-Nitroaniline
Concen: 58.499 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

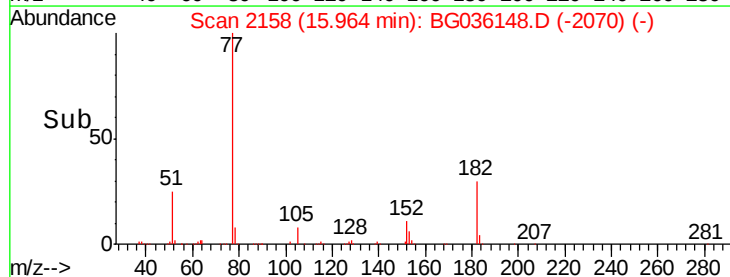
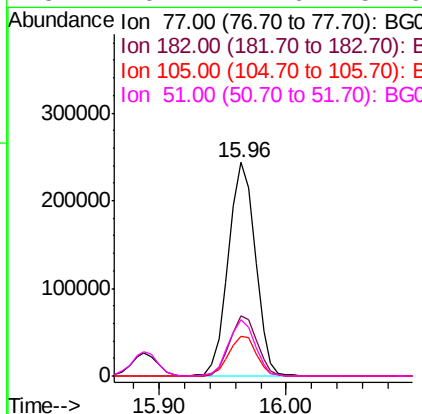
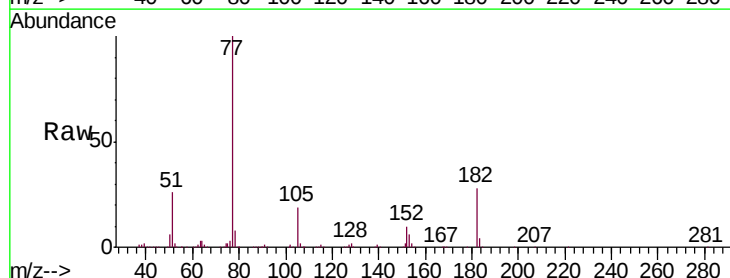
Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

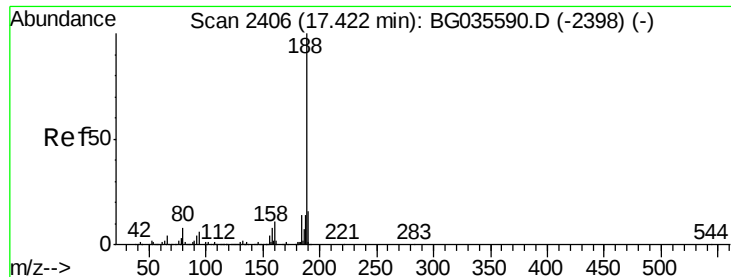
Tgt Ion:138 Resp: 87677
Ion Ratio Lower Upper
138 100
92 66.9 40.1 80.1
108 119.1 65.4 105.4#



#62
Azobenzene
Concen: 51.398 ng
RT: 15.96 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion: 77 Resp: 358881
Ion Ratio Lower Upper
77 100
182 28.2 7.4 47.4
105 18.8 0.3 40.3
51 26.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

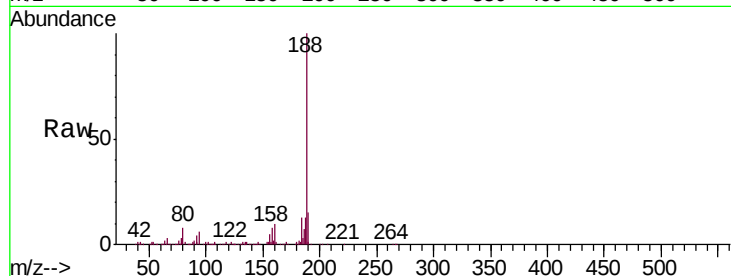
Tgt Ion:188 Resp: 236408

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

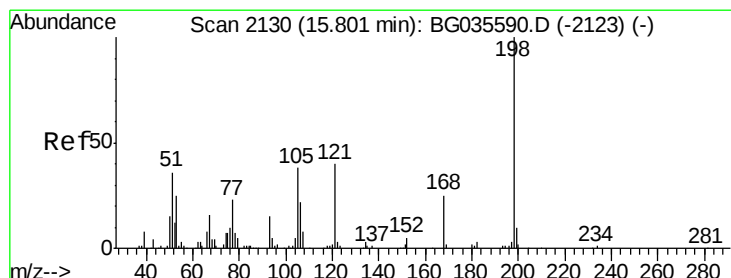
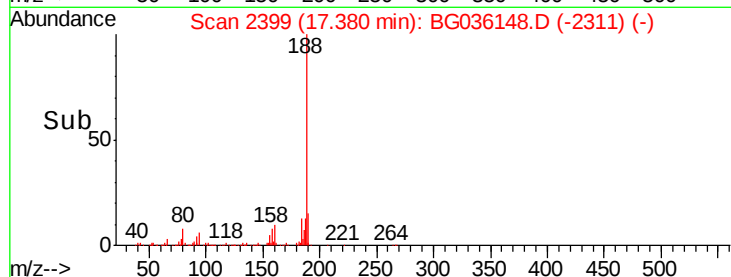
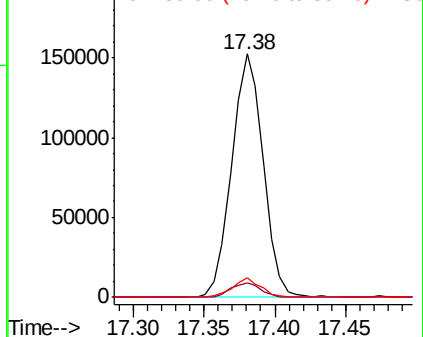
80 8.0 7.7 11.5



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: 56.290 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

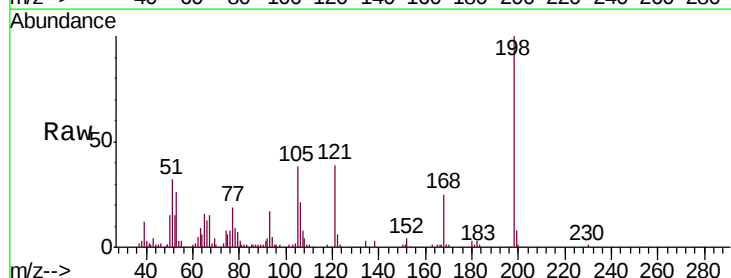
Tgt Ion:198 Resp: 74077

Ion Ratio Lower Upper

198 100

51 32.4 30.6 70.6

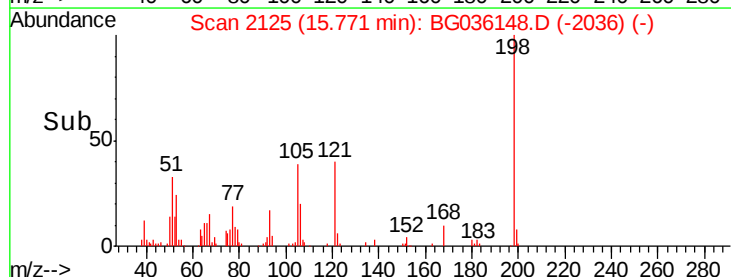
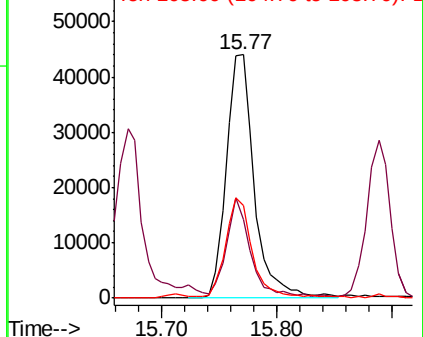
105 37.8 23.8 63.8

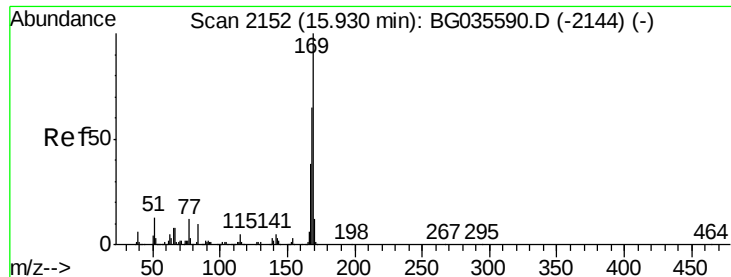


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

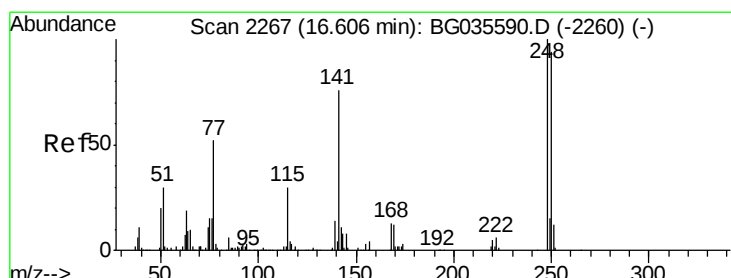
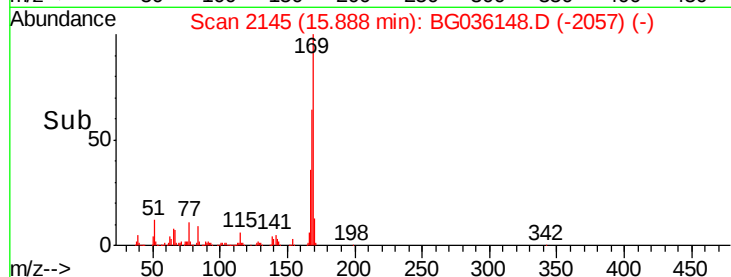
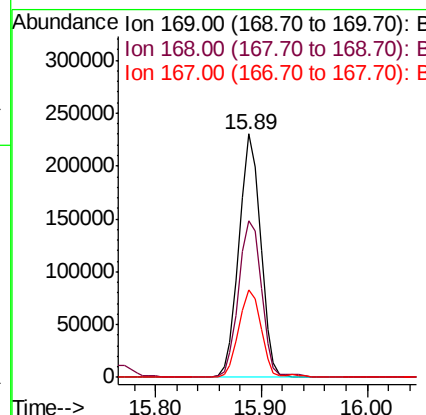
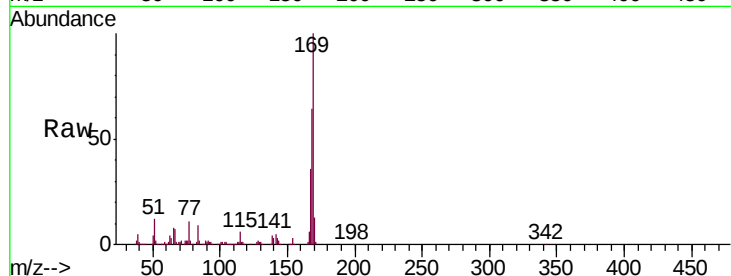




#65
 n-Nitrosodiphenylamine
 Concen: 48.427 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

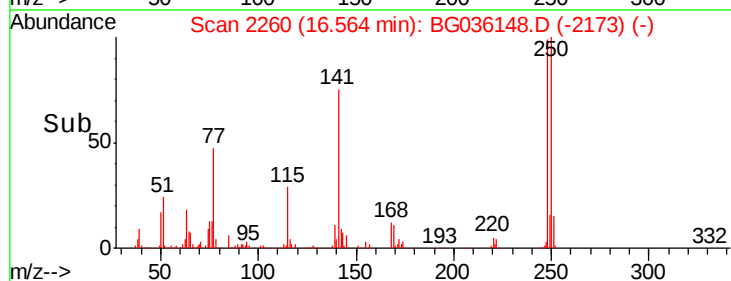
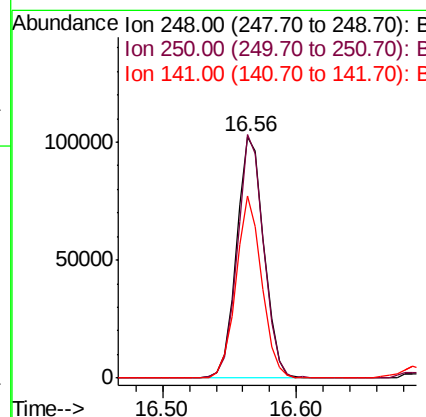
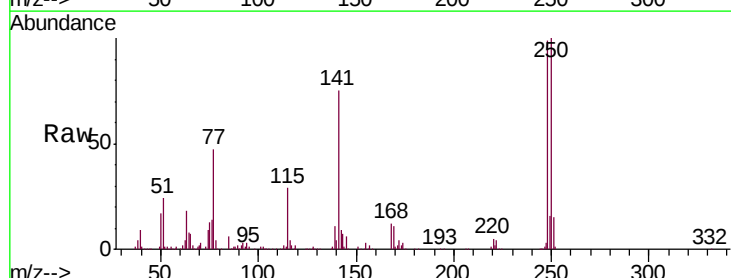
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

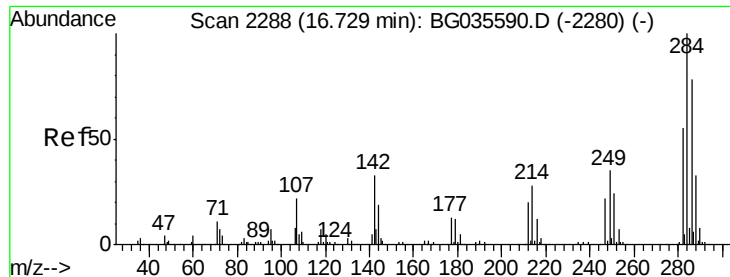
Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.4	55.7	83.5
167	36.0	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 53.031 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.1	115.7
141	75.2	50.8	76.2

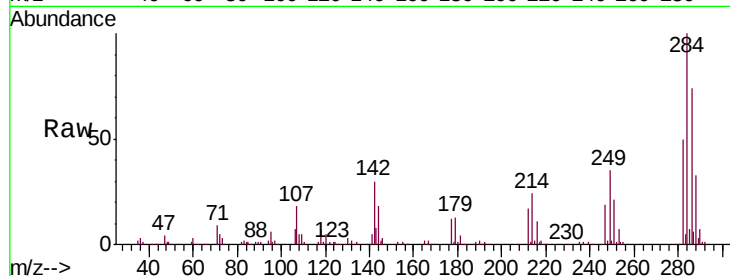




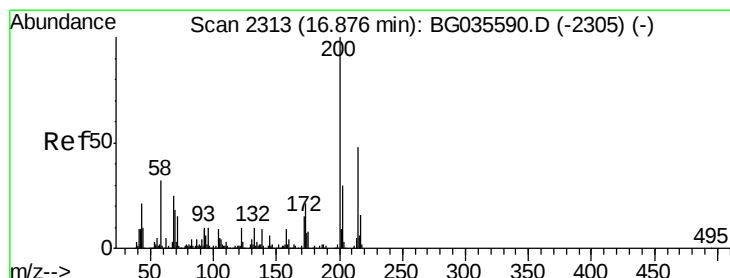
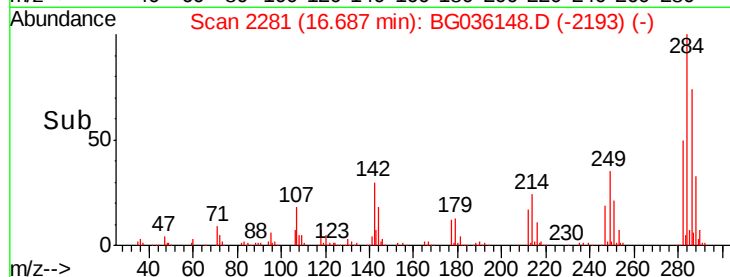
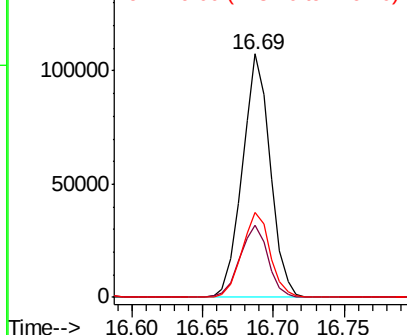
#67
Hexachlorobenzene
Concen: 52.381 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.8	40.2
249	35.0	26.3	39.5

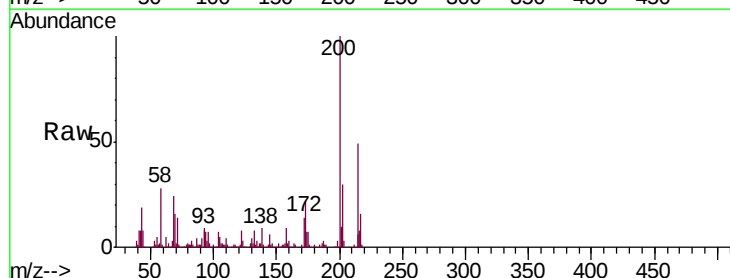


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

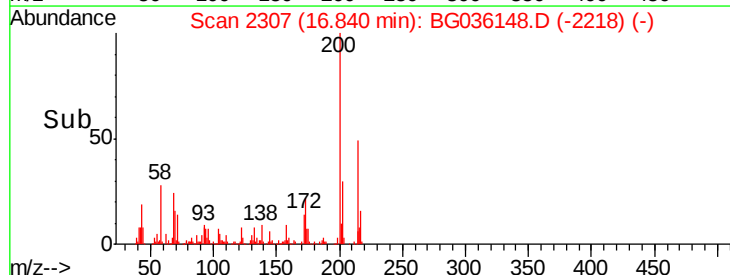
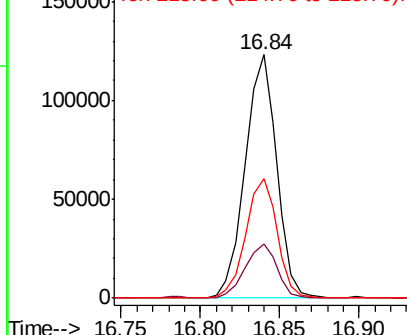


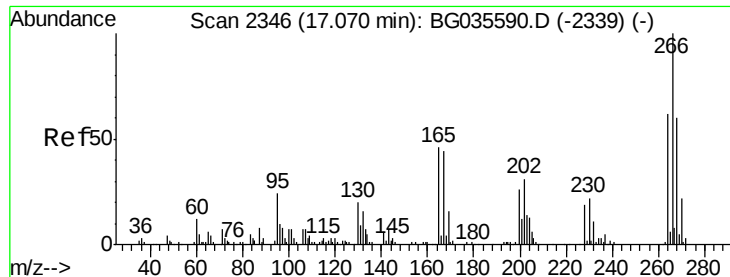
#68
Atrazine
Concen: 61.385 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	5.2	45.2
215	49.0	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: 89.953 ng

RT: 17.03 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

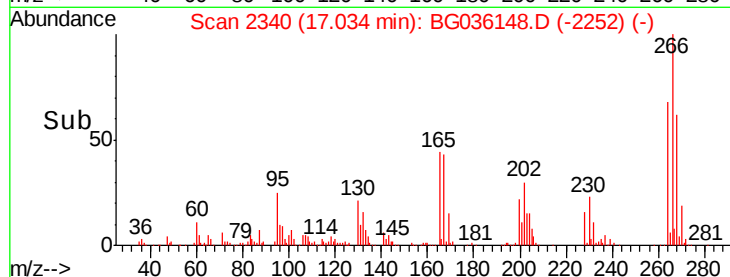
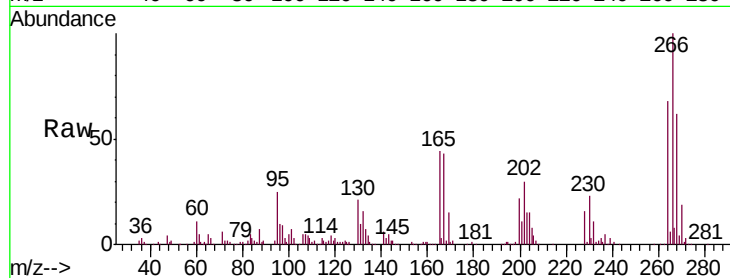
Tgt Ion:266 Resp: 154753

Ion Ratio Lower Upper

266 100

268 61.5 51.1 76.7

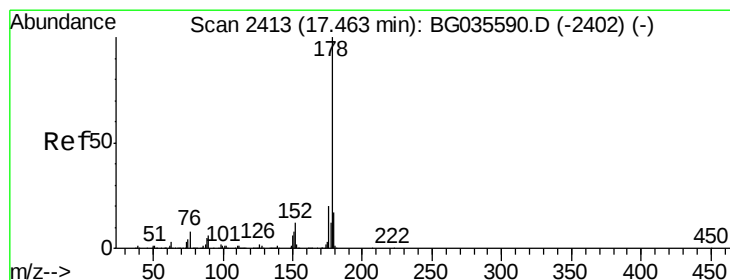
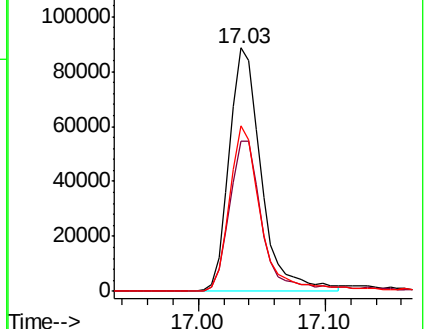
264 68.2 49.6 74.4



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: 53.223 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

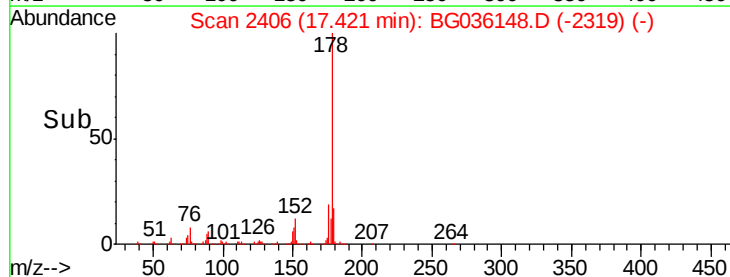
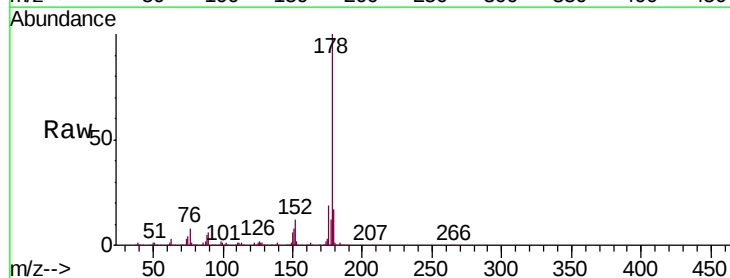
Tgt Ion:178 Resp: 627836

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

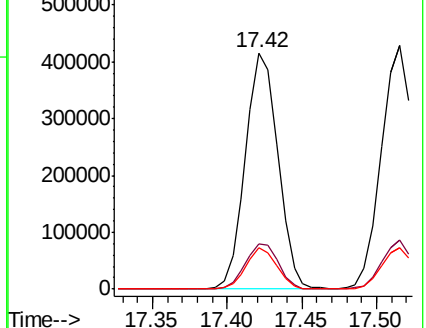
179 17.4 12.5 18.7

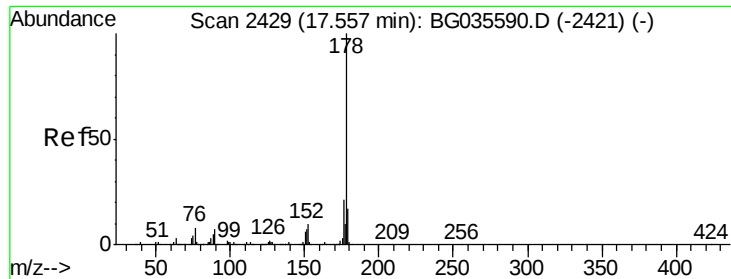


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

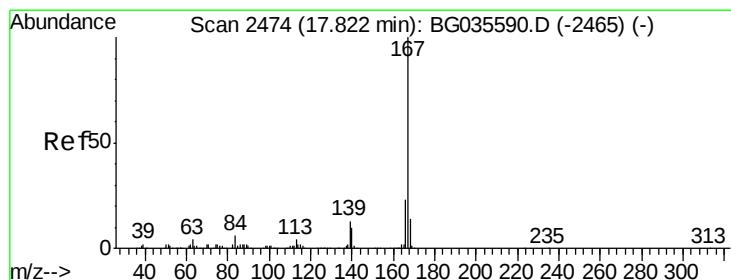
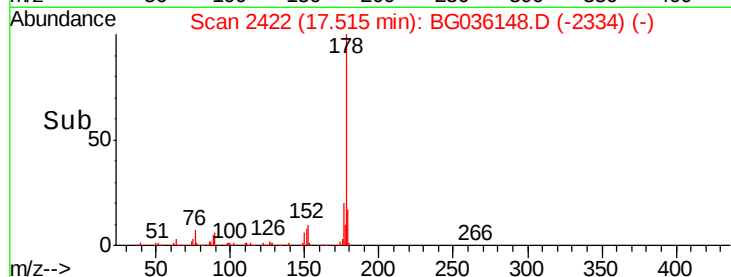
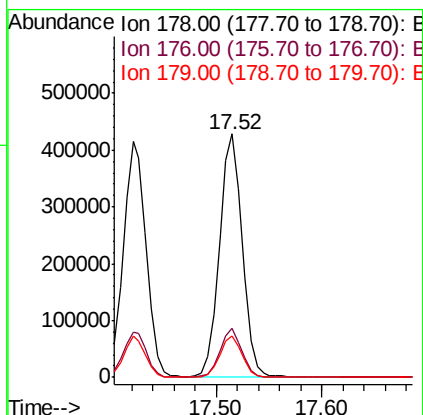
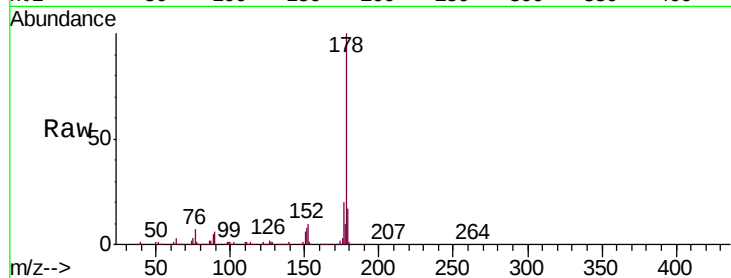




#71
 Anthracene
 Concen: 54.717 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

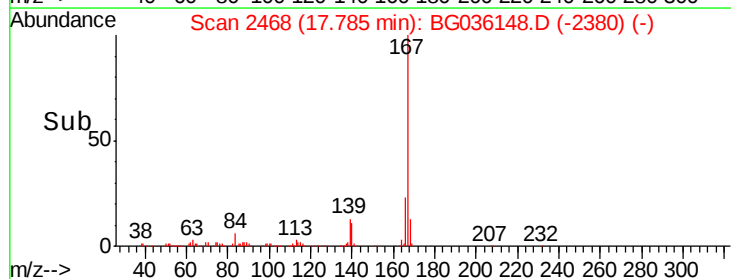
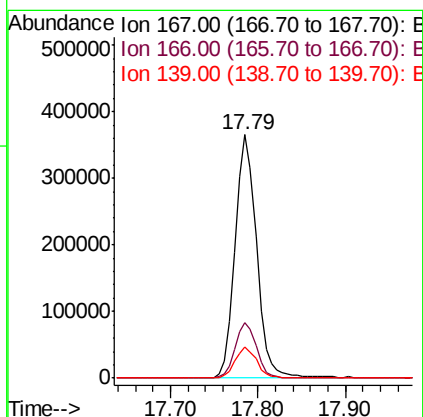
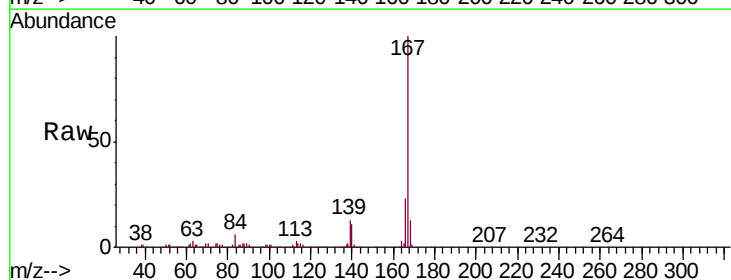
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

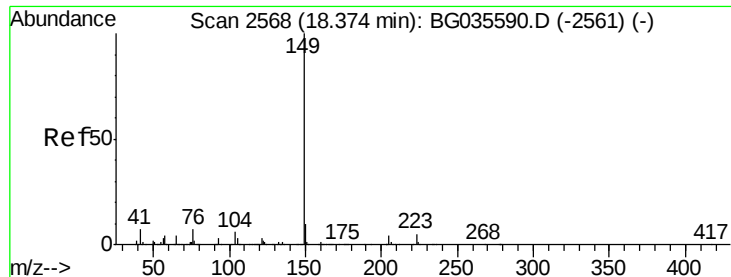
Tgt Ion:178 Resp: 642705
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 54.431 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion:167 Resp: 607168
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 53.647 ng

RT: 18.34 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

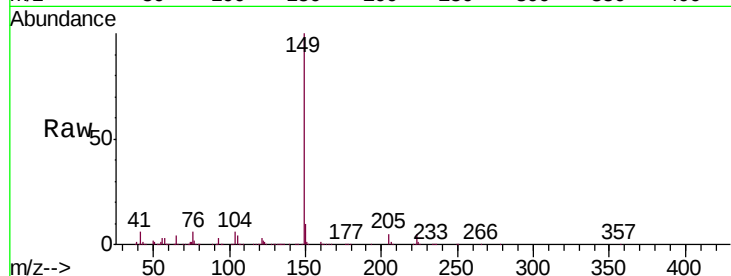
Tgt Ion:149 Resp: 707180

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

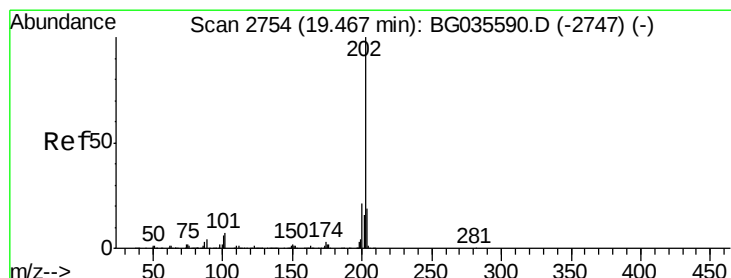
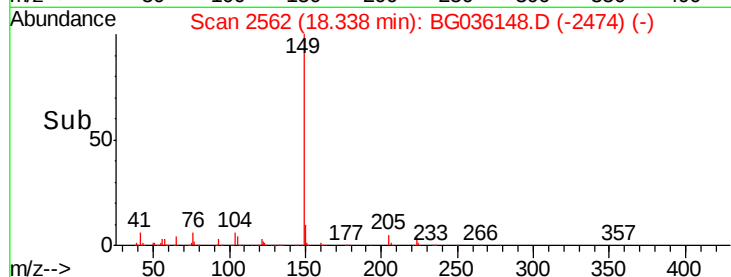
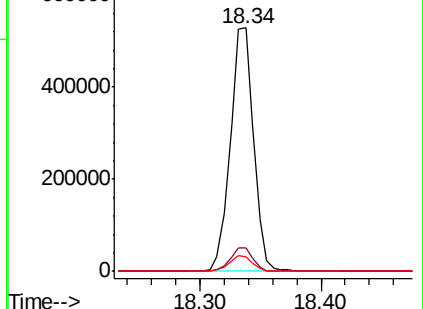
104 6.2 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.666 ng

RT: 19.43 min Scan# 2748

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

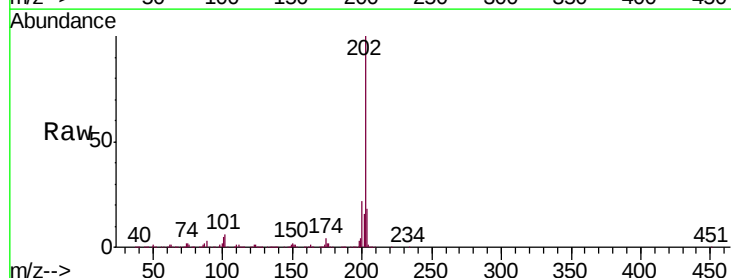
Tgt Ion:202 Resp: 884513

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.9

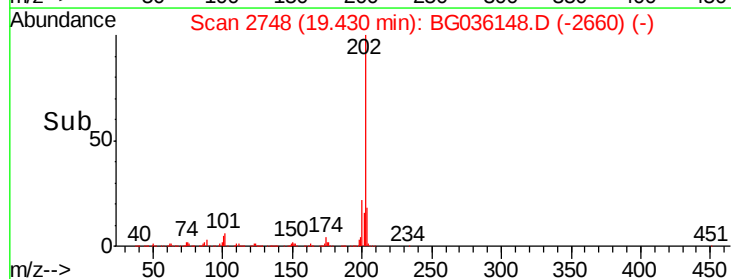
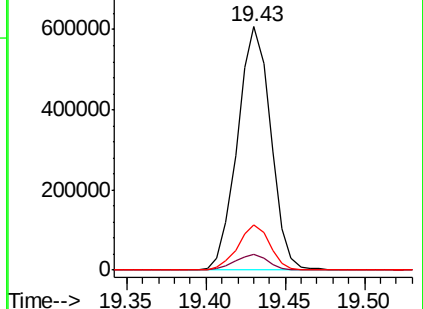
203 18.3 0.0 37.5

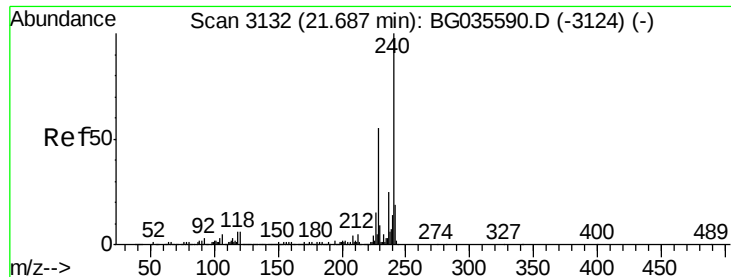


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

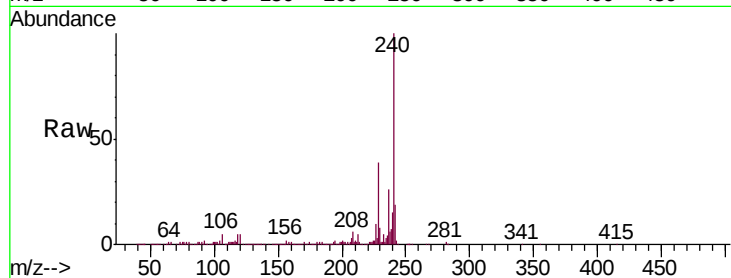
Tgt Ion:240 Resp: 265300

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

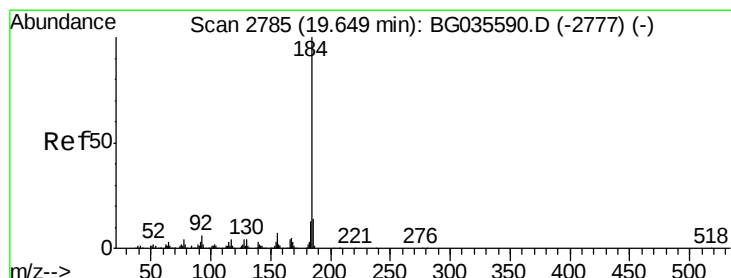
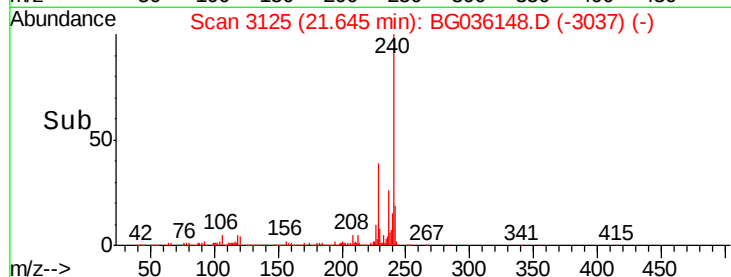
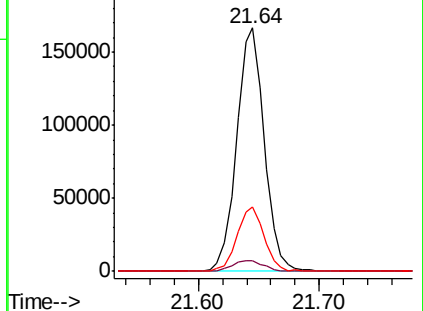
236 26.4 20.9 31.3



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: 10.706 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

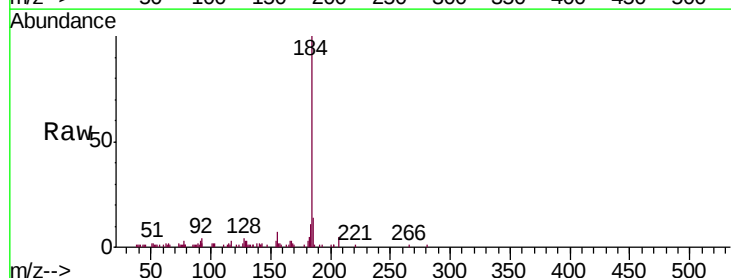
Tgt Ion:184 Resp: 74670

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

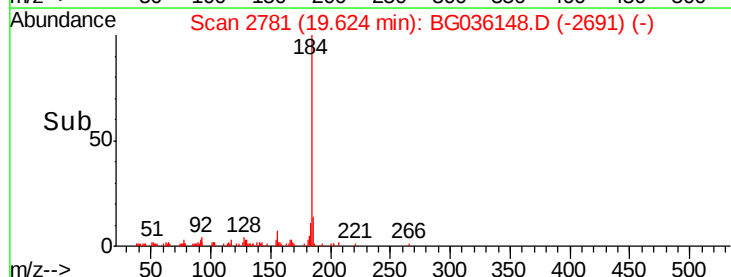
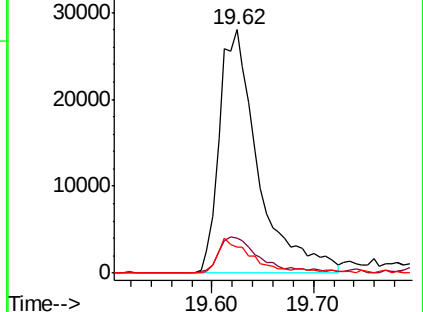
183 10.6 10.6 16.0#

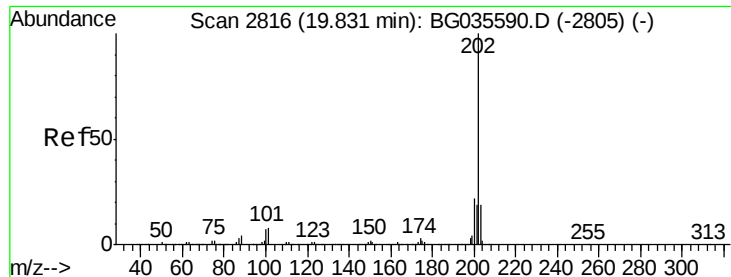


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 52.819 ng

RT: 19.79 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

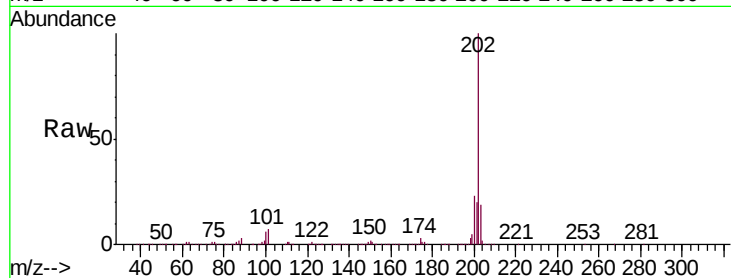
Tgt Ion:202 Resp: 886052

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

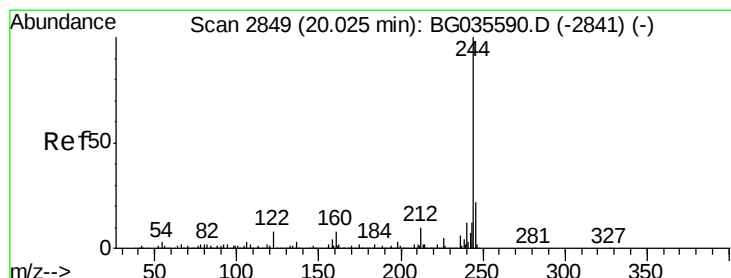
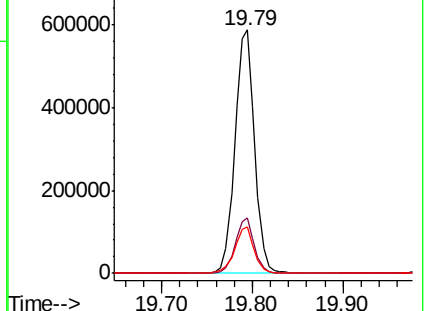
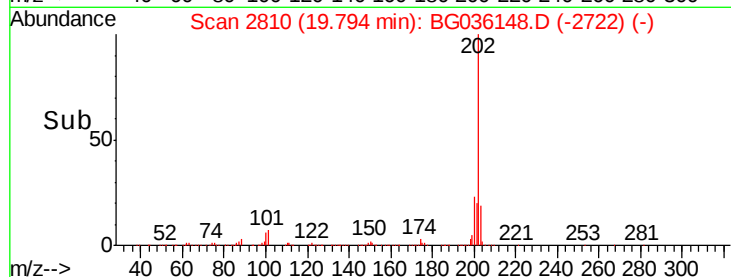
203 19.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 109.471 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

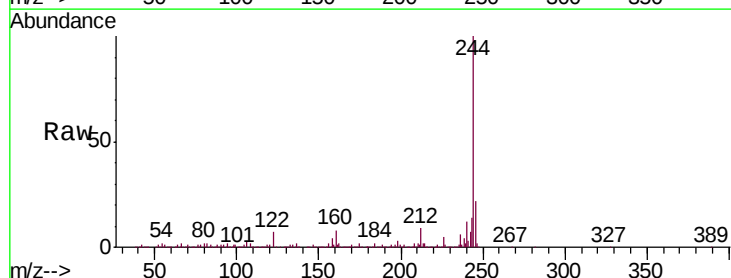
Tgt Ion:244 Resp: 1317550

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

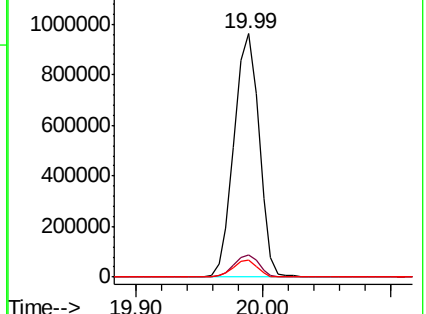
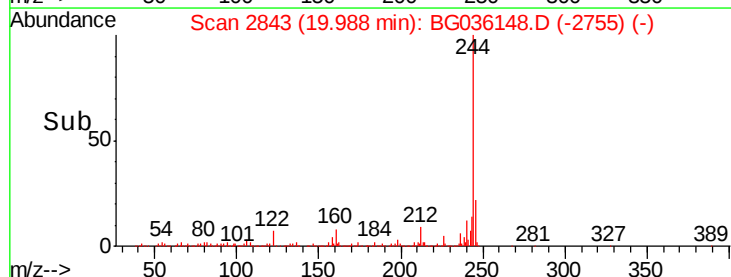
122 6.8 7.0 10.4#

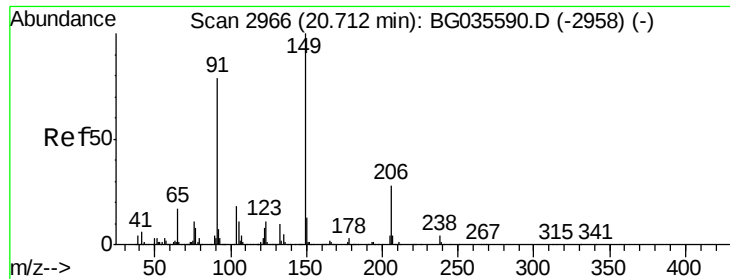


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

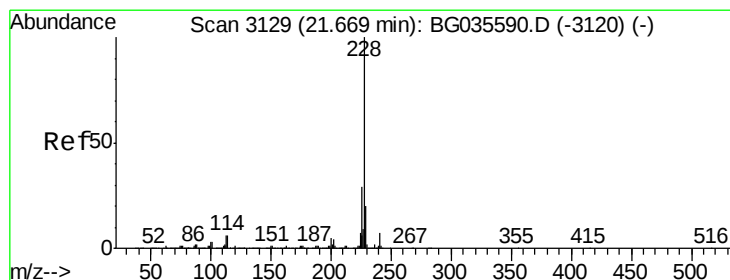
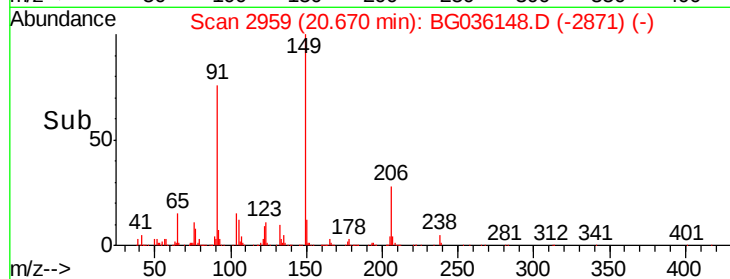
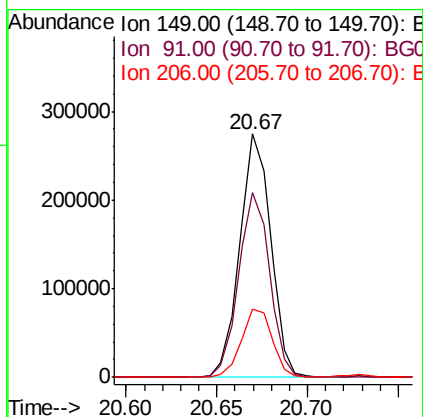
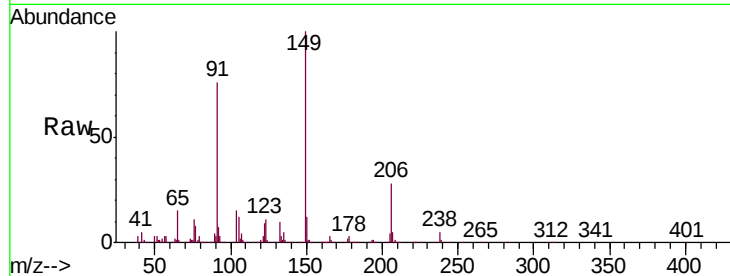




#79
Butylbenzylphthalate
Concen: 54.686 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

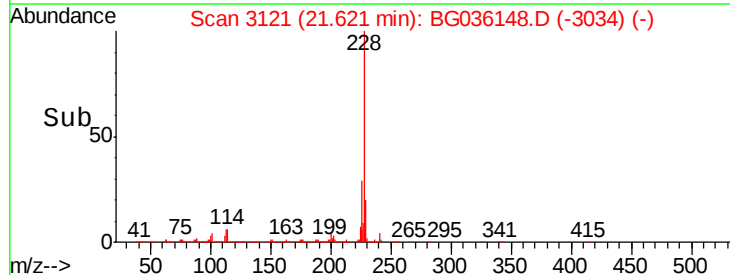
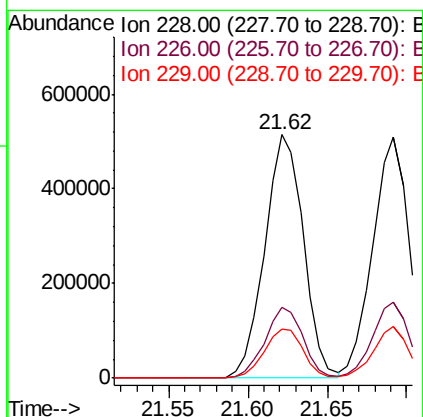
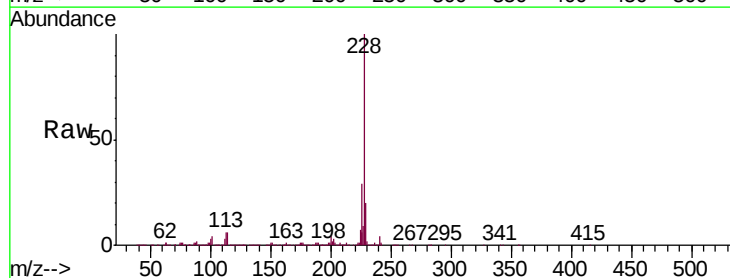
Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

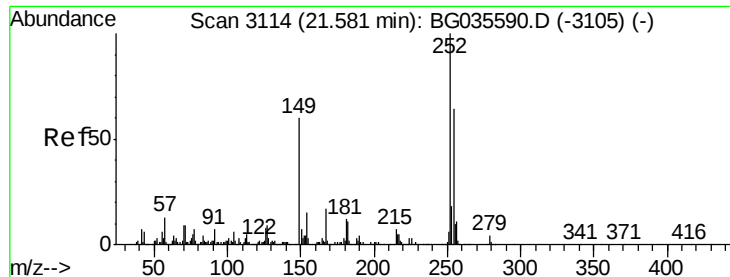
Tgt Ion:149 Resp: 328054
Ion Ratio Lower Upper
149 100
91 75.7 62.2 93.2
206 27.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 52.873 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:228 Resp: 874143
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 20.0 16.2 24.2

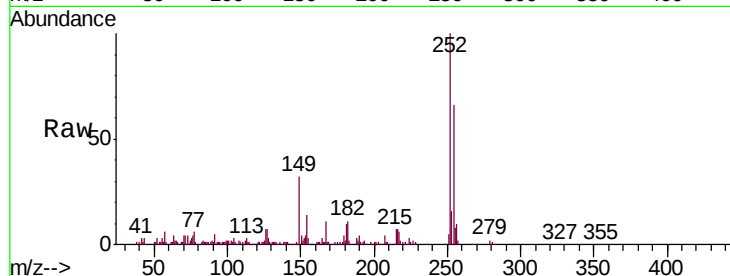




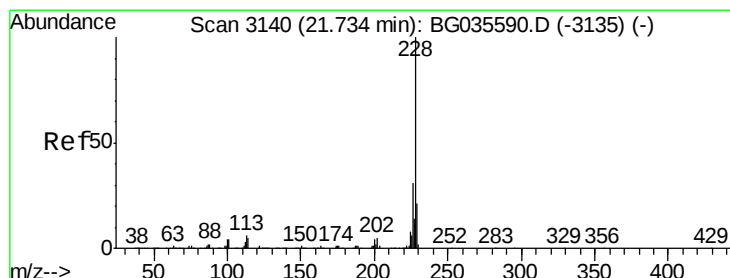
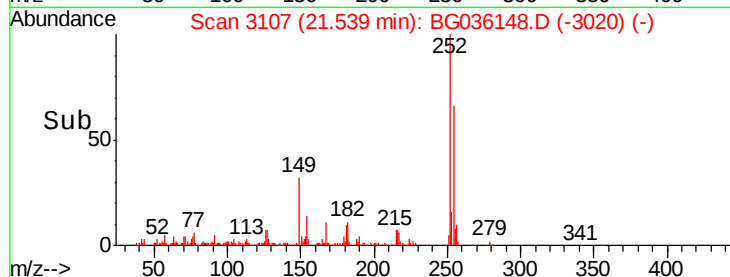
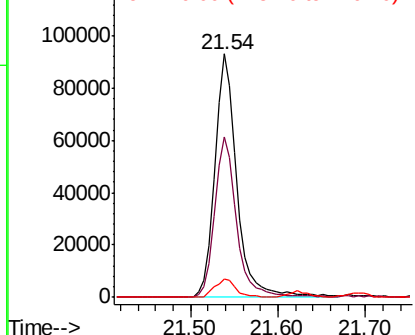
#81
 3,3'-Dichlorobenzidine
 Concen: 28.171 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.8	76.2
126	7.3	7.4	11.2#

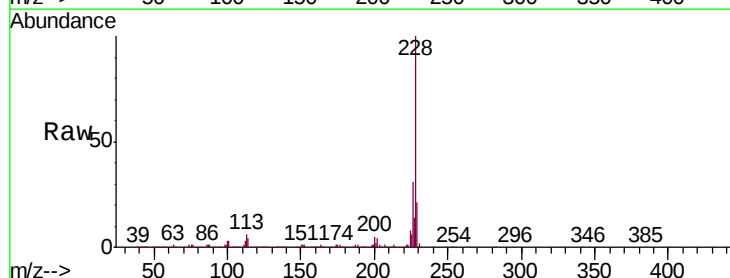


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

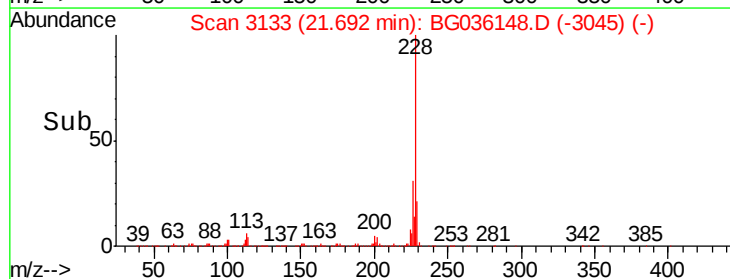
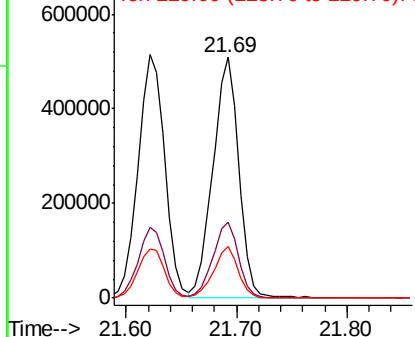


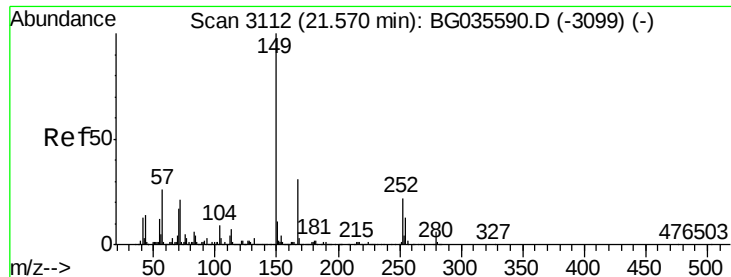
#82
 Chrysene
 Concen: 53.591 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.2	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

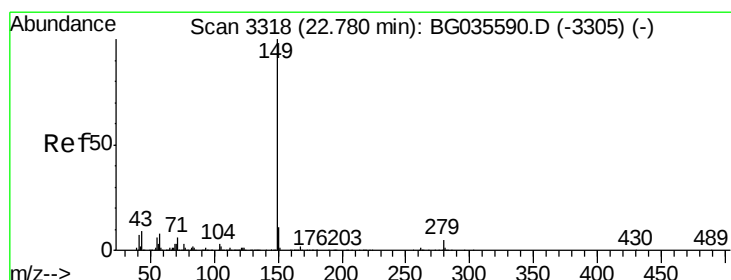
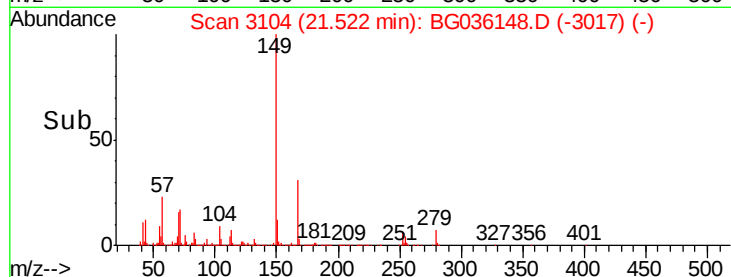
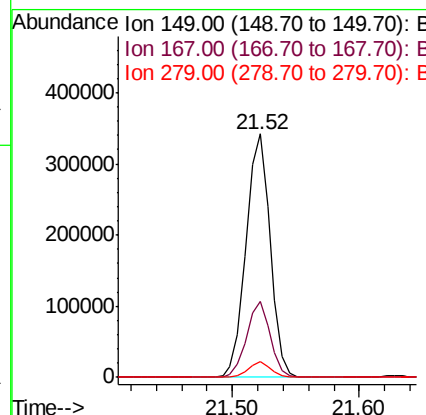
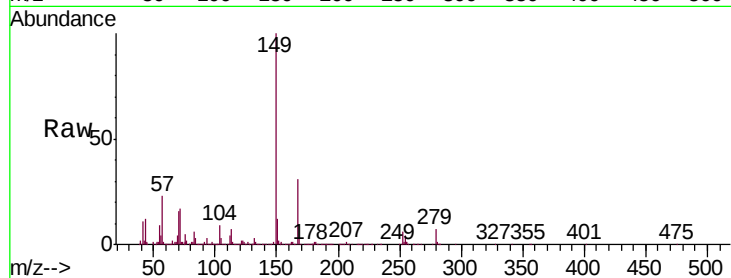




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.019 ng
 RT: 21.52 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

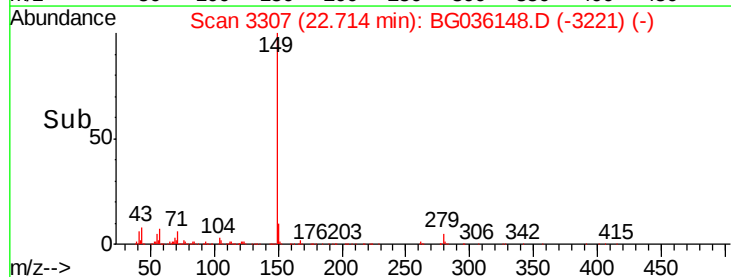
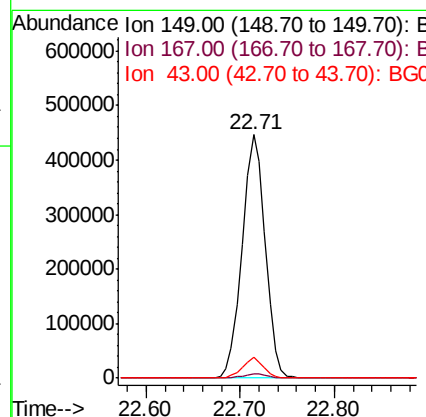
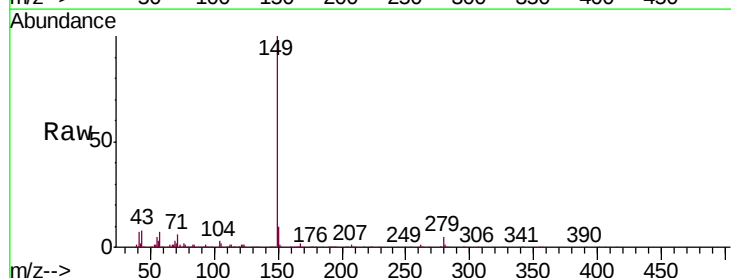
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080318-AMS

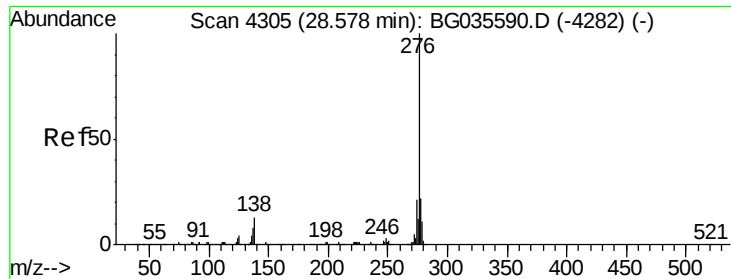
Tgt Ion:149 Resp: 448712
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.3 36.5
 279 6.6 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 55.624 ng
 RT: 22.71 min Scan# 3307
 Delta R.T. -0.03 min
 Lab File: BG036148.D
 Acq: 7 Aug 2018 5:17

Tgt Ion:149 Resp: 759563
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.6 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.430 ng

RT: 28.47 min Scan# 4286

Delta R.T. -0.04 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

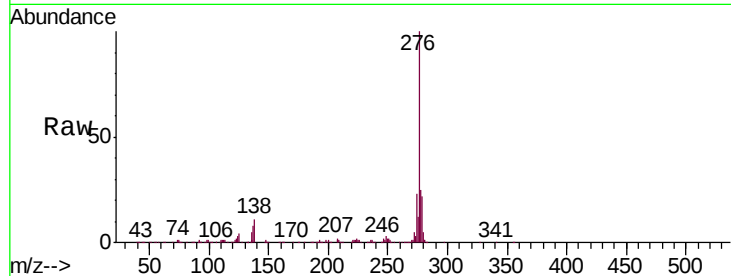
Instrument :

BNA_G

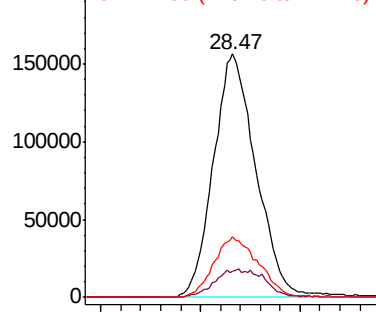
ClientSampleId :

OR-02-080318-AMS

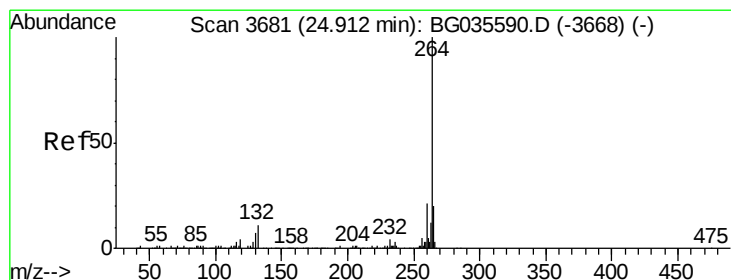
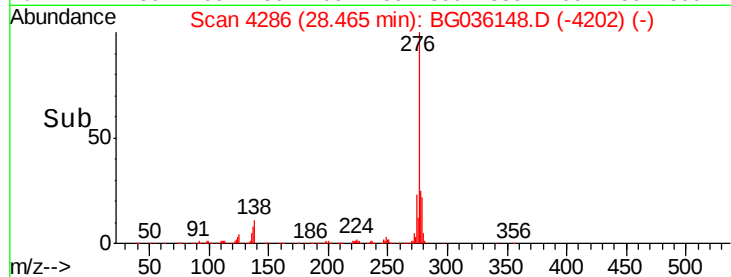
Tgt Ion:	276	Resp:	923242
Ion	Ratio	Lower	Upper
276	100		
138	13.4	16.0	24.0#
277	26.3	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 28.20 28.40 28.60



#86

Perylene-d12

Concen: 20.000 ng

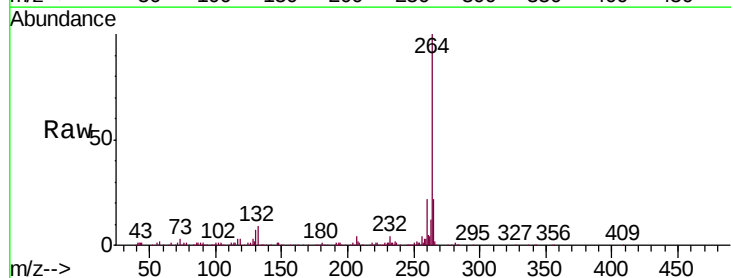
RT: 24.82 min Scan# 3666

Delta R.T. -0.04 min

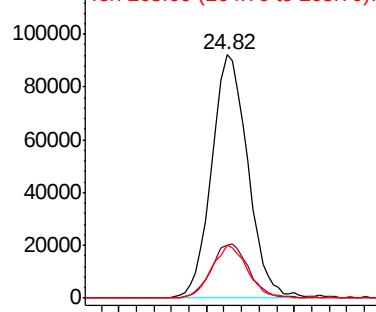
Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

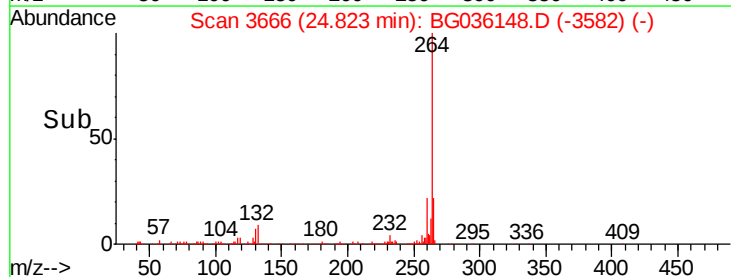
Tgt Ion:	264	Resp:	258956
Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	22.0	17.7	26.5

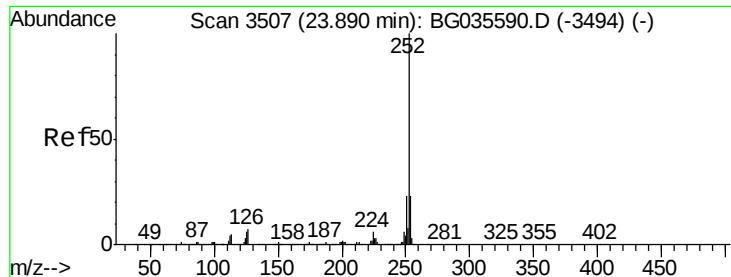


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 24.70 24.80 24.90

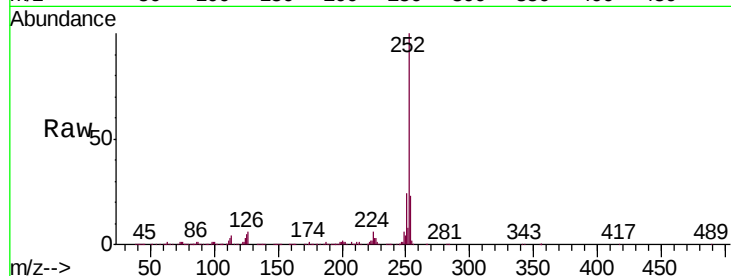




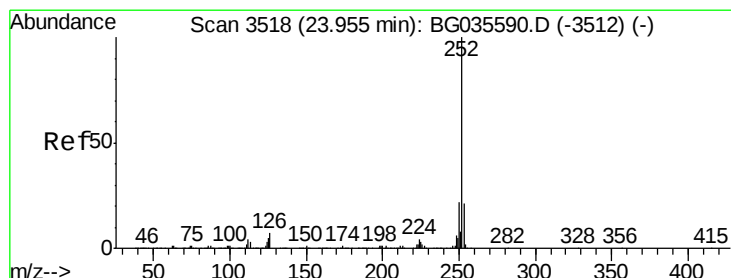
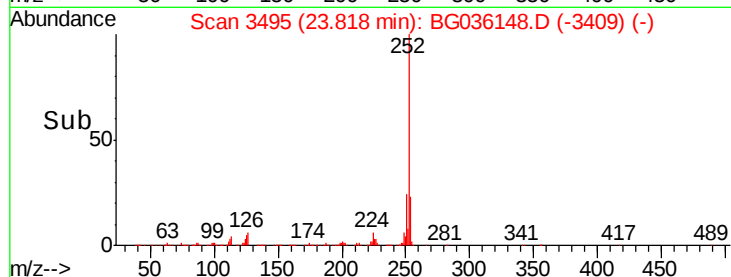
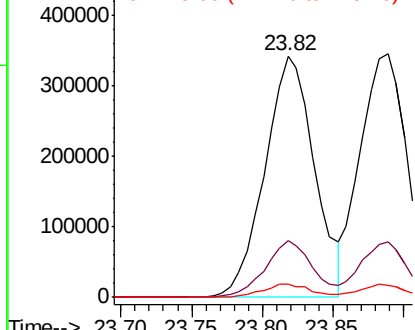
#87
Benzo(b)fluoranthene
Concen: 53.484 ng
RT: 23.82 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Instrument :
BNA_G
ClientSampleId :
OR-02-080318-AMS

Tgt Ion:252 Resp: 841793
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 5.3 7.2 10.8#

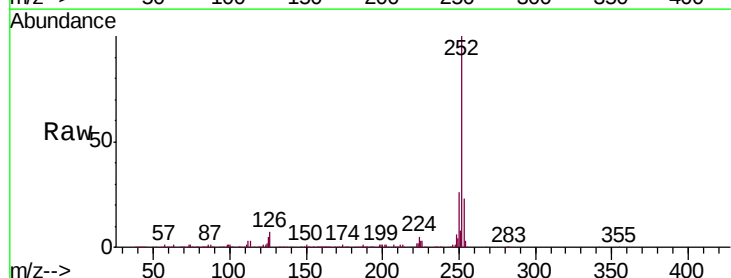


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

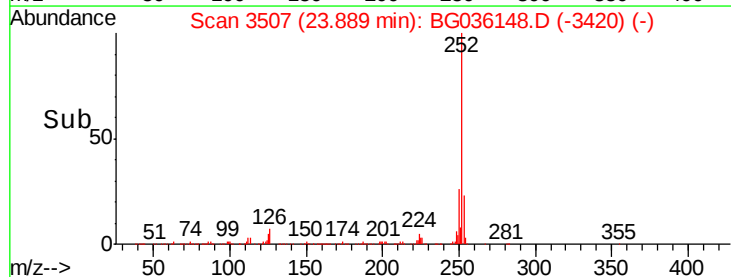
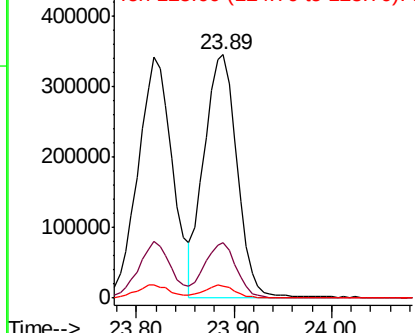


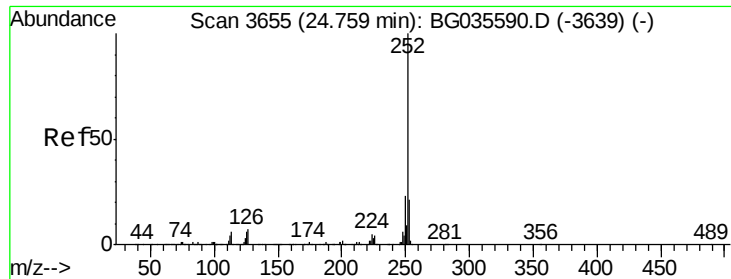
#88
Benzo(k)fluoranthene
Concen: 52.193 ng
RT: 23.89 min Scan# 3507
Delta R.T. -0.02 min
Lab File: BG036148.D
Acq: 7 Aug 2018 5:17

Tgt Ion:252 Resp: 803117
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 5.1 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.814 ng

RT: 24.68 min Scan# 3642

Delta R.T. -0.03 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

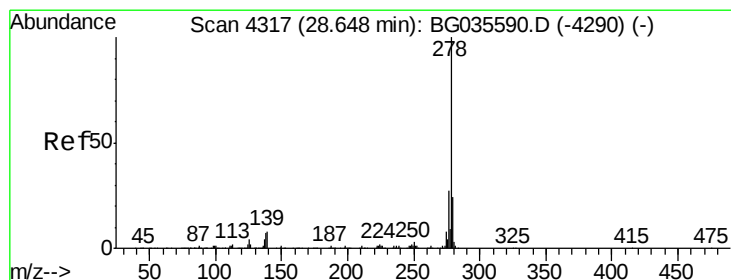
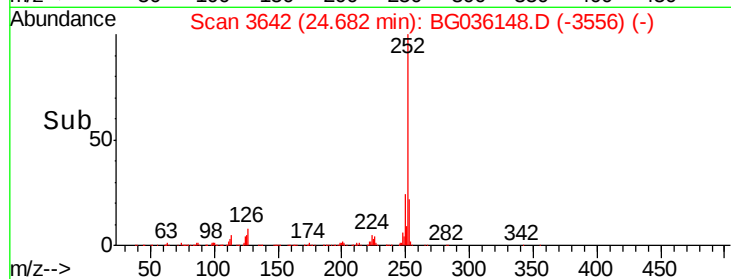
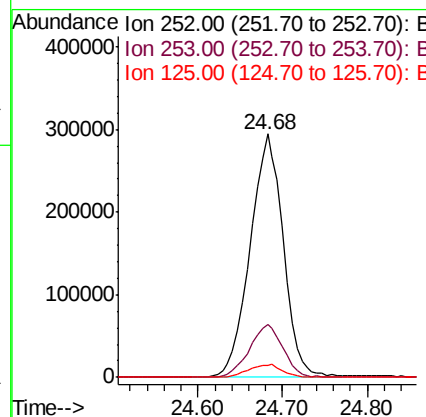
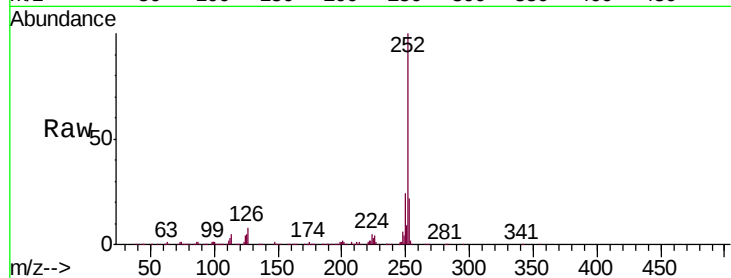
Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

Tgt Ion:	252	Resp:	802619
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	4.9	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 53.867 ng

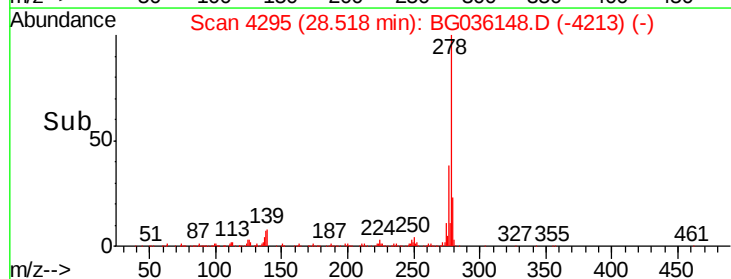
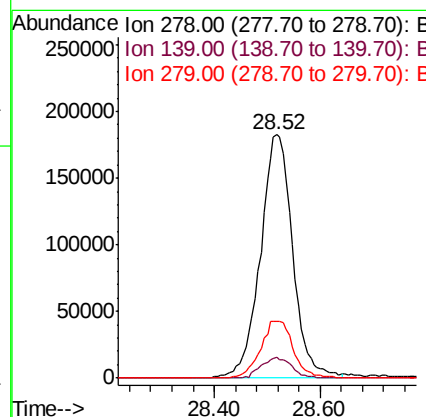
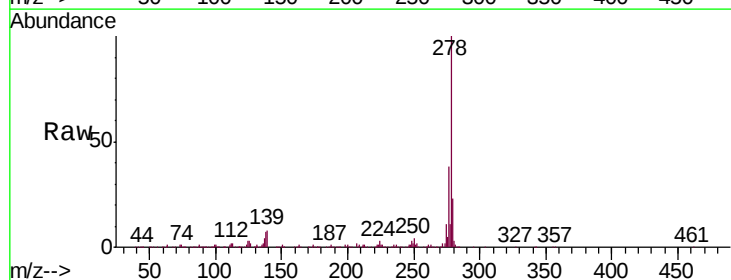
RT: 28.52 min Scan# 4295

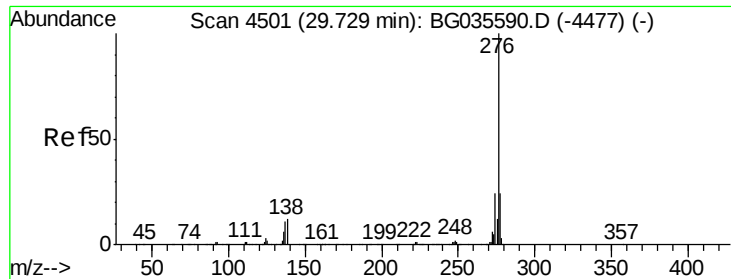
Delta R.T. -0.05 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Tgt Ion:	278	Resp:	774350
Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6#
279	23.5	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 55.942 ng

RT: 29.60 min Scan# 4480

Delta R.T. -0.03 min

Lab File: BG036148.D

Acq: 7 Aug 2018 5:17

Instrument :

BNA_G

ClientSampleId :

OR-02-080318-AMS

Tgt Ion: 276 Resp: 786924

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 11.2 13.9 20.9#

