

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032792.D
 Acq On : 23 Feb 2018 16:25
 Operator : SJ/JU
 Sample : J1398-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Quant Time: Feb 23 17:13:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	66641	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	297763	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	168052	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	390671	20.00	ng	0.00
75) Chrysene-d12	22.63	240	390464	20.00	ng	0.00
86) Perylene-d12	26.44	264	432959	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	575198	138.09	ng	0.00
7) Phenol-d6	8.02	99	720529	124.10	ng	0.00
23) Nitrobenzene-d5	10.13	82	445883	101.71	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	283666	160.53	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1014443	87.06	ng	0.00
78) Terphenyl-d14	20.79	244	1614374	92.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.98	88	71188	39.38	ng	88
3) Pyridine	4.44	79	146122	29.33	ng	95
4) n-Nitrosodimethylamine	4.33	42	100147	50.13	ng	# 94
6) Aniline	8.22	93	136382	17.35	ng	97
8) 2-Chlorophenol	8.47	128	219081	48.05	ng	93
9) Benzaldehyde	8.02	77	118734	35.48	ng	87
10) Phenol	8.05	94	255407	43.64	ng	90
11) bis(2-Chloroethyl)ether	8.31	93	207014	43.26	ng	93
12) 1,3-Dichlorobenzene	8.81	146	217609	40.75	ng	97
13) 1,4-Dichlorobenzene	8.96	146	221387	41.19	ng	97
14) 1,2-Dichlorobenzene	9.30	146	209813	40.73	ng	98
15) Benzyl Alcohol	9.16	79	189131	44.31	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	334853	40.70	ng	95
17) 2-Methylphenol	9.36	107	189313	43.86	ng	95
18) Hexachloroethane	10.05	117	78751	43.03	ng	# 85
19) n-Nitroso-di-n-propylamine	9.74	70	169026	41.24	ng	# 97
20) 3+4-Methylphenols	9.68	107	258229	43.03	ng	93
22) Acetophenone	9.77	105	318158	42.31	ng	# 94
24) Nitrobenzene	10.17	77	227517	47.92	ng	91
25) Isophorone	10.70	82	473087	45.27	ng	# 93
26) 2-Nitrophenol	10.89	139	102845	57.31	ng	90
27) 2,4-Dimethylphenol	10.92	122	234487	51.65	ng	90
28) bis(2-Chloroethoxy)methane	11.17	93	284797	46.78	ng	# 94
29) 2,4-Dichlorophenol	11.44	162	202895	49.24	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	195107	40.39	ng	99
31) Naphthalene	11.86	128	682156	43.84	ng	99
32) Benzoic acid	11.02	122	112116	42.09	ng	# 83
33) 4-Chloroaniline	11.95	127	104212	14.98	ng	95
34) Hexachlorobutadiene	12.13	225	108559	40.07	ng	99
35) Caprolactam	12.69	113	74467	45.13	ng	# 82
36) 4-Chloro-3-methylphenol	13.01	107	241843	50.43	ng	89
37) 2-Methylnaphthalene	13.42	142	493798	43.87	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	203152	40.72	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	233695	91.92	ng	93

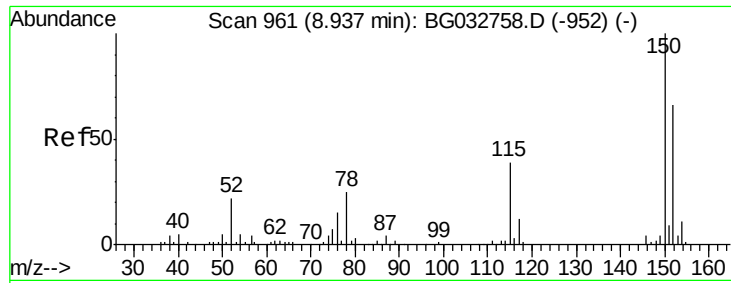
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032792.D
 Acq On : 23 Feb 2018 16:25
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Quant Time: Feb 23 17:13:13 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	158411	50.35	nq	99
43) 2,4,5-Trichlorophenol	14.06	196	176004	48.34	nq #	97
45) 1,1'-Biphenyl	14.38	154	612173	41.69	nq	95
46) 2-Chloronaphthalene	14.44	162	464810	42.37	nq	97
47) 2-Nitroaniline	14.62	65	153258	53.88	nq	90
48) Acenaphthylene	15.27	152	773949	43.09	nq	97
49) Dimethylphthalate	14.97	163	631130	44.23	nq	99
50) 2,6-Dinitrotoluene	15.10	165	133579	54.97	nq	88
51) Acenaphthene	15.61	154	524356	46.88	nq	97
52) 3-Nitroaniline	15.42	138	96995	35.52	nq #	85
53) 2,4-Dinitrophenol	15.62	184	99708	114.70	nq #	81
54) Dibenzofuran	15.94	168	725003	45.52	nq	95
55) 4-Nitrophenol	15.69	139	248957	104.19	nq #	79
56) 2,4-Dinitrotoluene	15.87	165	185138	61.96	nq #	85
57) Fluorene	16.58	166	597366	45.44	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	153937m	54.45	nq	
59) Diethylphthalate	16.31	149	681979	45.31	nq	98
60) 4-Chlorophenyl-phenylether	16.55	204	289882	45.08	nq	92
61) 4-Nitroaniline	16.58	138	155806	50.17	nq	85
62) Azobenzene	16.85	77	611024	45.38	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	72245	58.37	nq	97
65) n-Nitrosodiphenylamine	16.76	169	561542	44.18	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	179401	43.43	nq #	89
67) Hexachlorobenzene	17.57	284	185987	41.66	nq #	92
68) Atrazine	17.69	200	193209	46.19	nq	96
69) Pentachlorophenol	17.90	266	258672	91.99	nq	99
70) Phenanthrene	18.31	178	984137	45.15	nq	98
71) Anthracene	18.40	178	1005157	45.94	nq	98
72) Carbazole	18.66	167	972417	45.09	nq	96
73) Di-n-butylphthalate	19.16	149	1198071	45.28	nq	99
74) Fluoranthene	20.26	202	1135188	47.15	nq	93
76) Benzidine	20.42	184	78316	5.88	nq	98
77) Pyrene	20.62	202	1145145	41.59	nq	96
79) Butylbenzylphthalate	21.49	149	584334	47.86	nq	91
80) Benzo(a)anthracene	22.61	228	1139960	45.53	nq	98
81) 3,3'-Dichlorobenzidine	22.49	252	249525	26.91	nq #	98
82) Chrysene	22.68	228	1076436	45.01	nq	97
83) Bis(2-ethylhexyl)phthalate	22.46	149	844594	46.74	nq	98
84) Di-n-octyl phthalate	23.88	149	1458958	52.97	nq	98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1359593	48.74	nq	97
87) Benzo(b)fluoranthene	25.22	252	1165260	45.52	nq #	97
88) Benzo(k)fluoranthene	25.30	252	1139983	44.81	nq #	94
89) Benzo(a)pyrene	26.26	252	1137692	46.73	nq #	96
90) Dibenzo(a,h)anthracene	30.97	278	1144118	46.68	nq #	92
91) Benzo(g,h,i)perylene	32.28	276	1132045	46.86	nq #	89

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

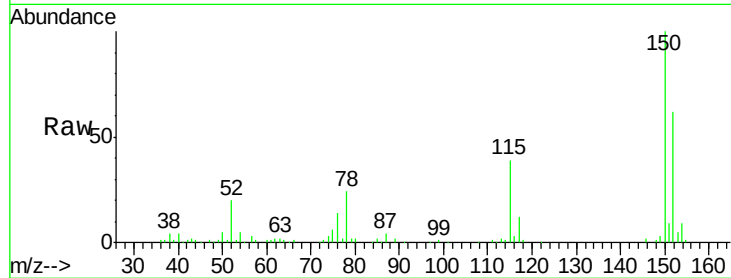


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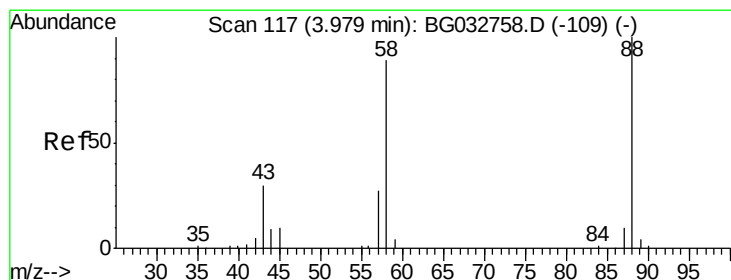
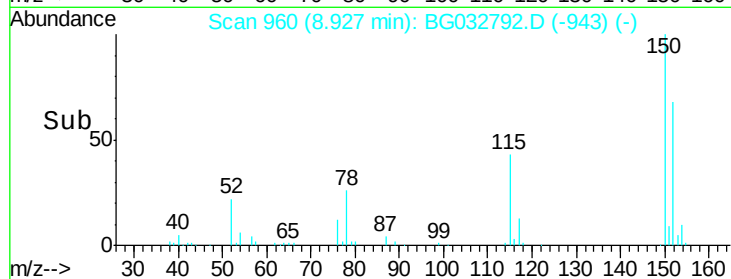
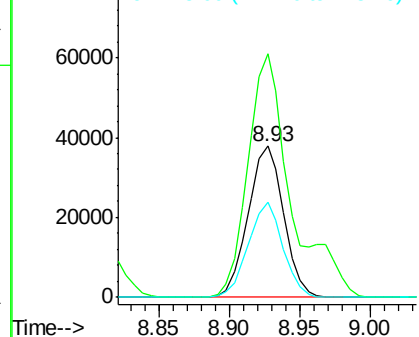
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion:152 Resp: 66641
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 63.2 53.0 79.4



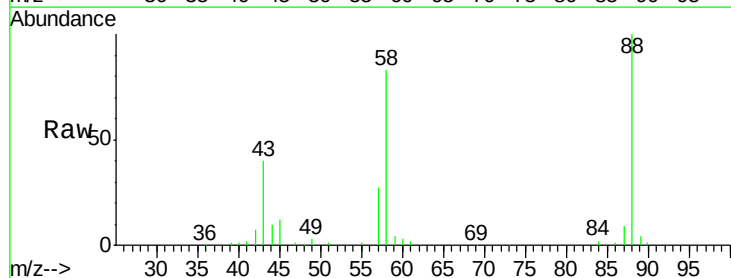
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



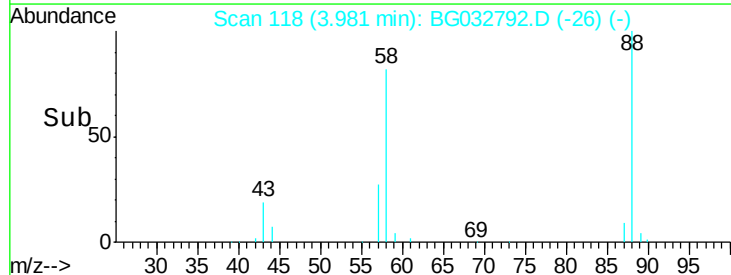
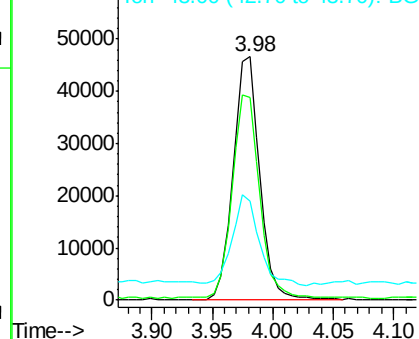
#2

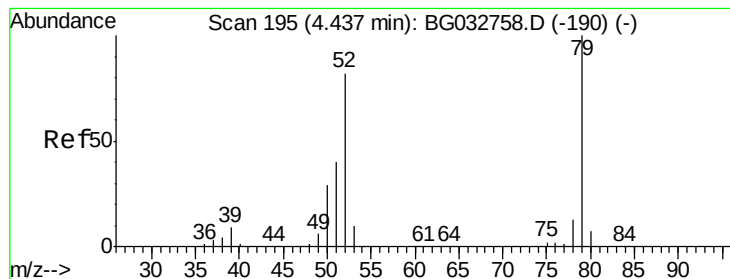
1,4-Dioxane
Concen: 39.38 ng
RT: 3.98 min Scan# 118
Delta R.T. 0.01 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion: 88 Resp: 71188
Ion Ratio Lower Upper
88 100
58 85.2 79.6 119.4
43 37.3 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

Pvridine

Concen: 29.33 ng

RT: 4.44 min Scan# 196

Delta R.T. 0.01 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

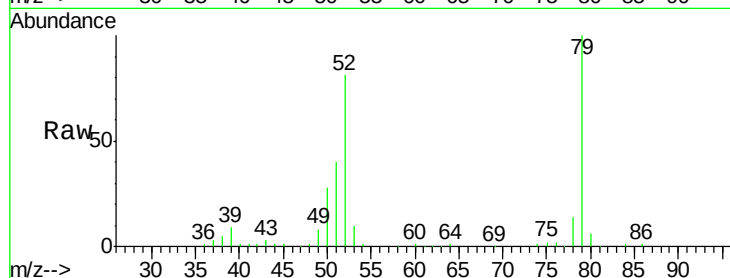
Tot Ion: 79 Resp: 146122

Ion Ratio Lower Upper

79 100

52 81.3 69.9 104.9

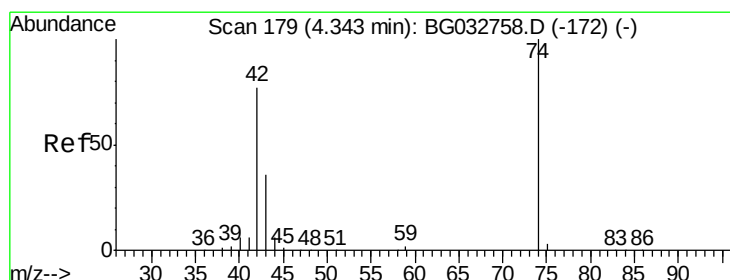
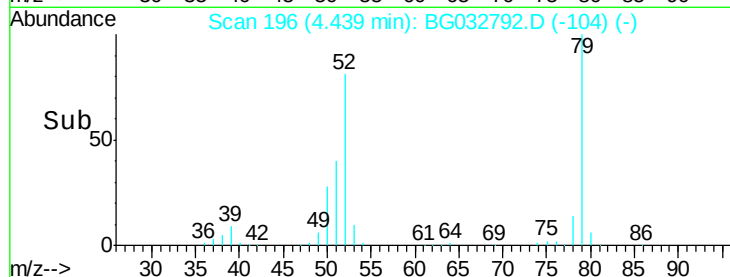
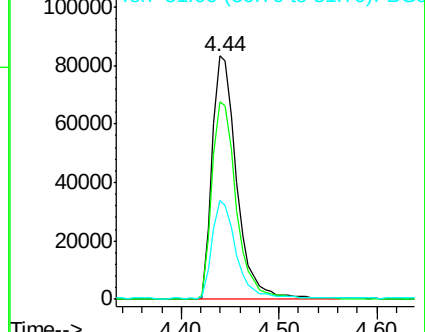
51 40.5 34.0 51.0



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: 50.13 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

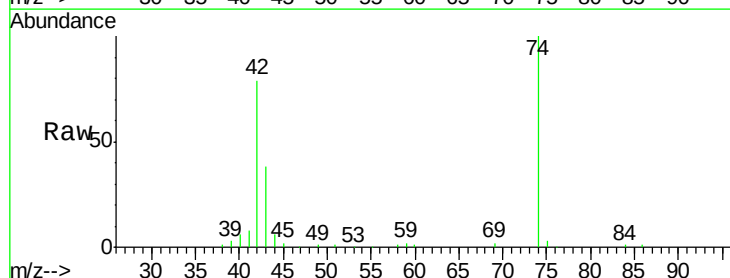
Tgt Ion: 42 Resp: 100147

Ion Ratio Lower Upper

42 100

74 126.6 102.5 153.7

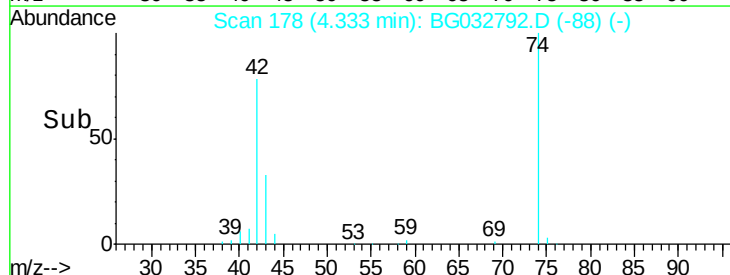
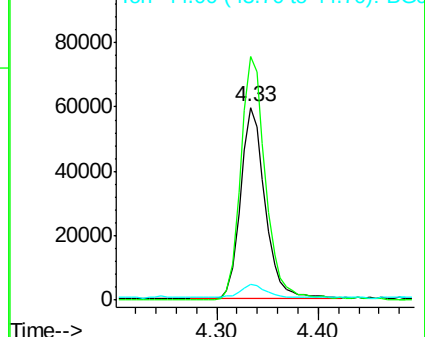
44 8.0 18.9 28.3#

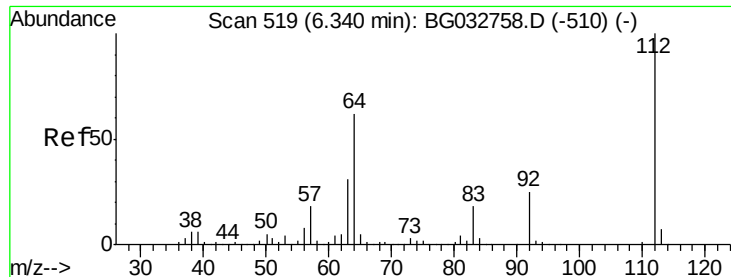


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.09 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.01 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

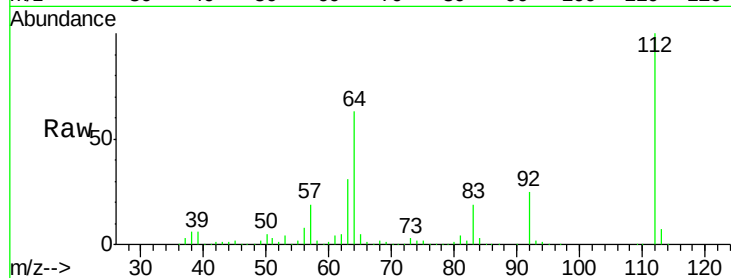
Tot Ion:112 Resp: 575198

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

6.34

400000

300000

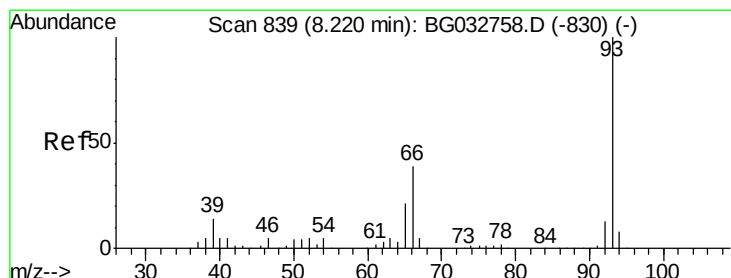
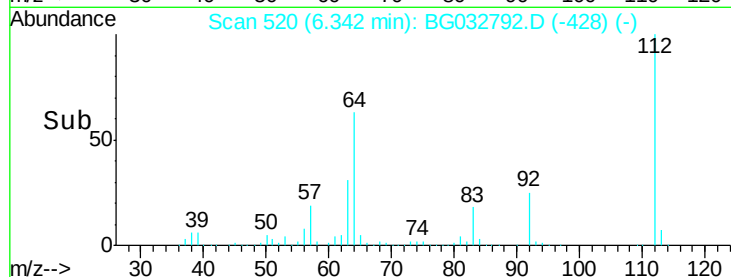
200000

100000

0

6.30 6.40

Time-->



#6

Aniline

Concen: 17.35 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

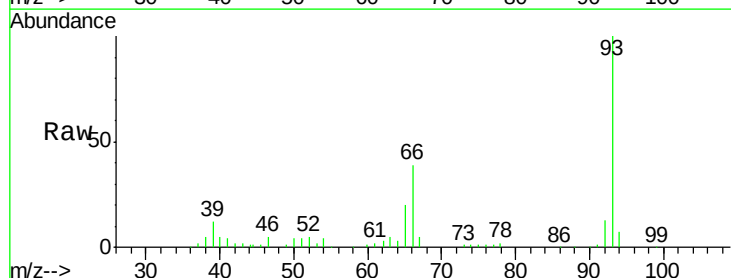
Tgt Ion: 93 Resp: 136382

Ion Ratio Lower Upper

93 100

66 39.1 33.7 50.5

65 20.3 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

150000

100000

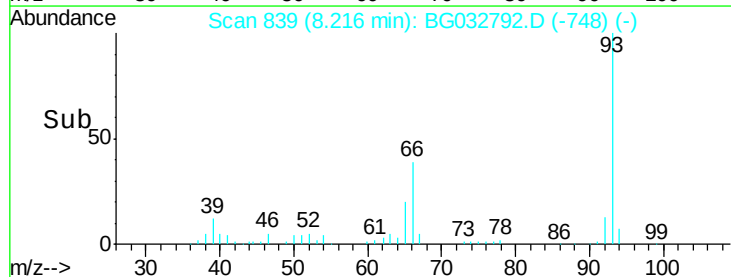
50000

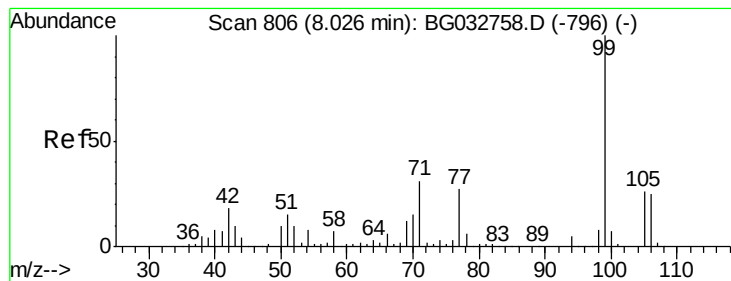
0

8.22

8.15 8.20 8.25

Time-->





#7

Phenol-d6

Concen: 124.10 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

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ClientSampleId :

OK-01-022218MS

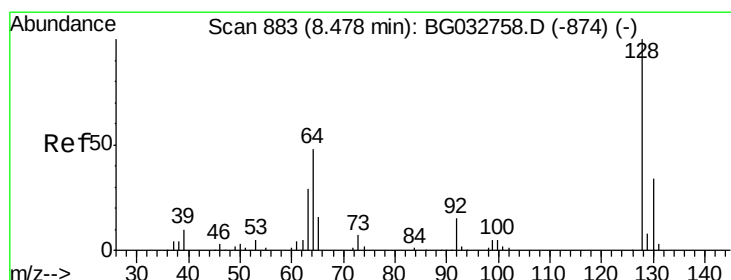
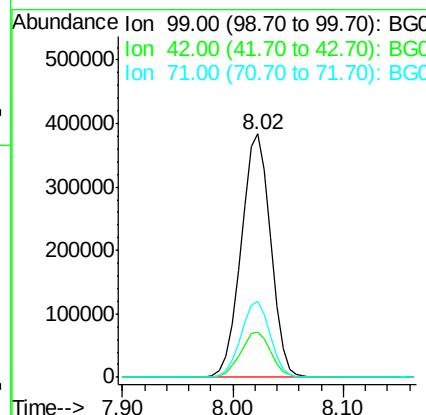
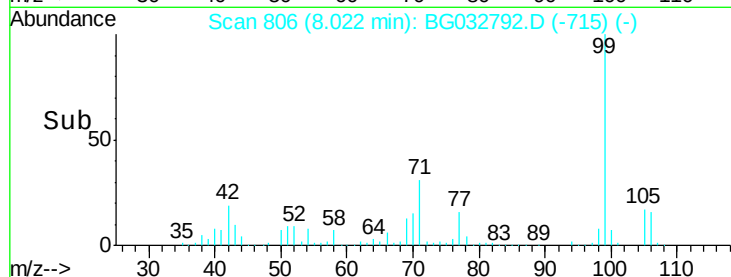
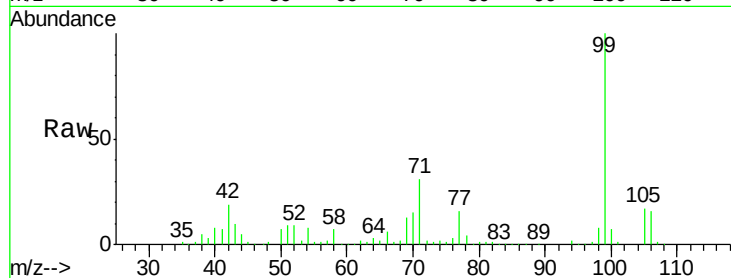
Tot Ion: 99 Resp: 720529

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

71 31.2 26.1 39.1



#8

2-Chlorophenol

Concen: 48.05 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

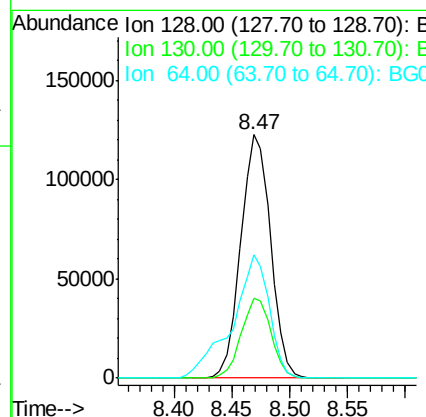
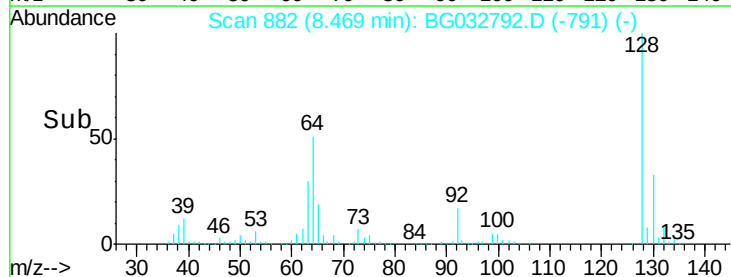
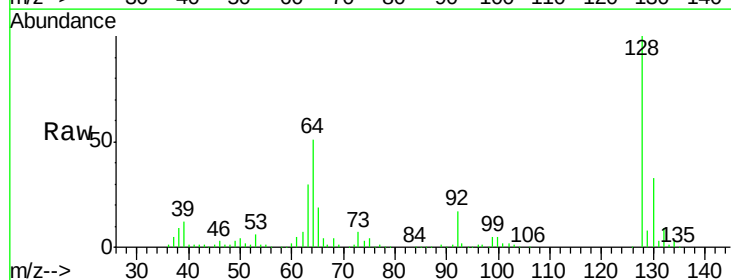
Tgt Ion: 128 Resp: 219081

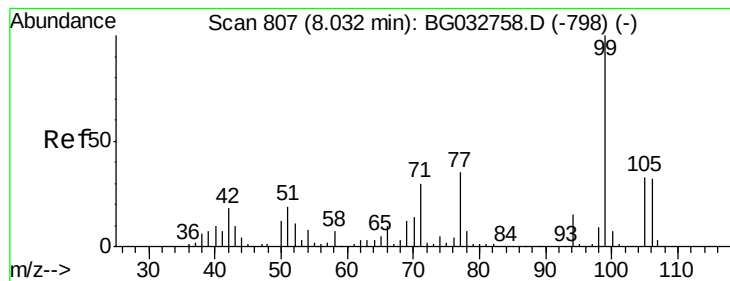
Ion Ratio Lower Upper

128 100

130 32.9 14.0 54.0

64 50.5 37.7 77.7





#9

Benzaldehyde

Concen: 35.48 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG032792.D

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Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

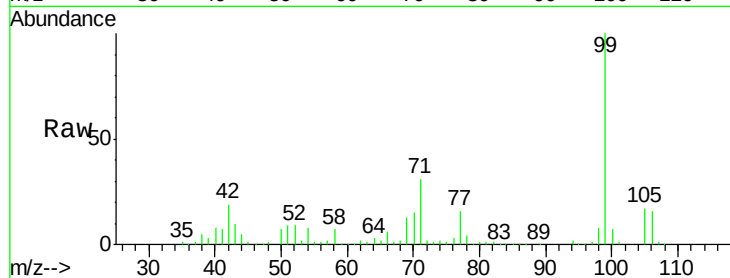
Tot Ion: 77 Resp: 118734

Ion Ratio Lower Upper

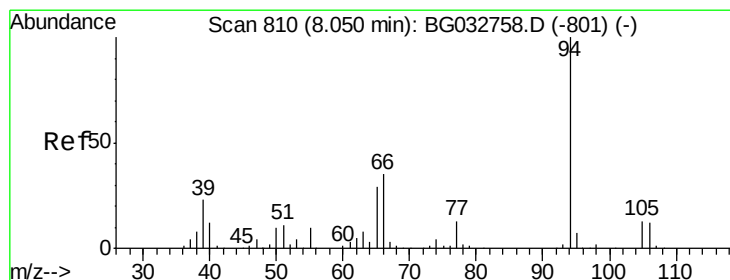
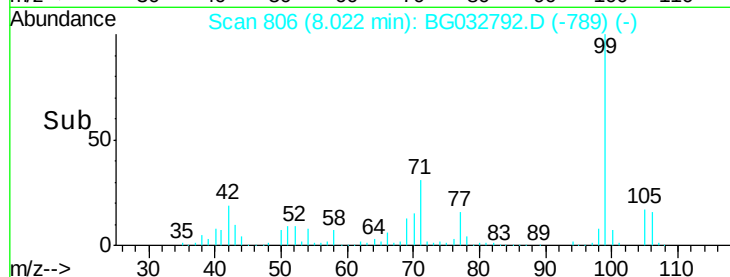
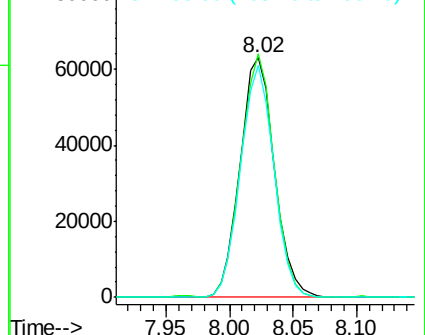
77 100

105 101.8 71.3 111.3

106 97.2 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: 43.64 ng

RT: 8.05 min Scan# 811

Delta R.T. 0.01 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

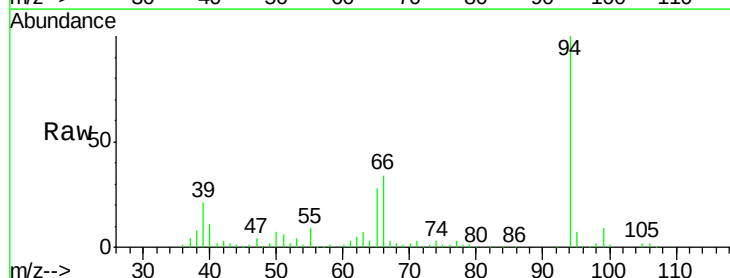
Tgt Ion: 94 Resp: 255407

Ion Ratio Lower Upper

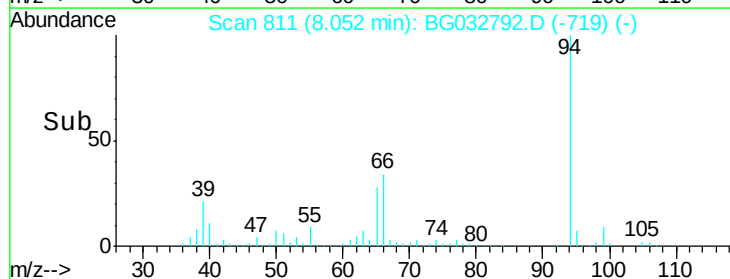
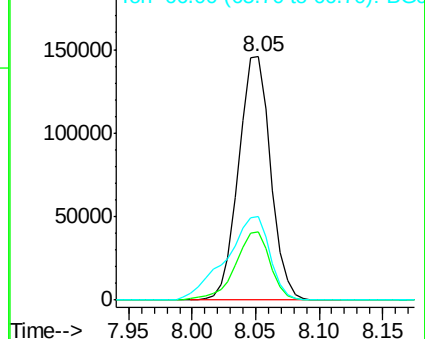
94 100

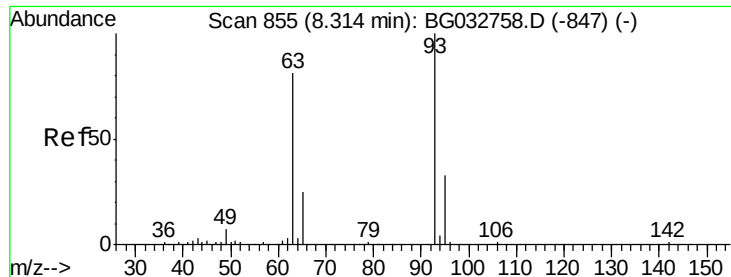
65 28.0 11.9 51.9

66 34.2 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

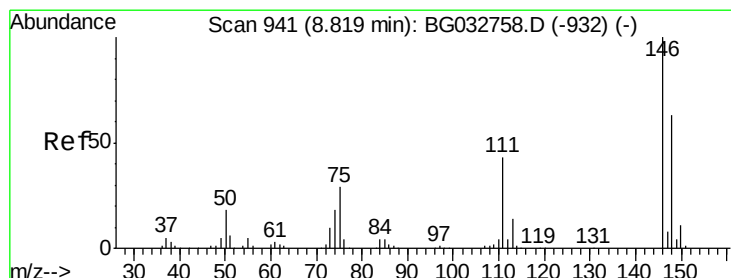
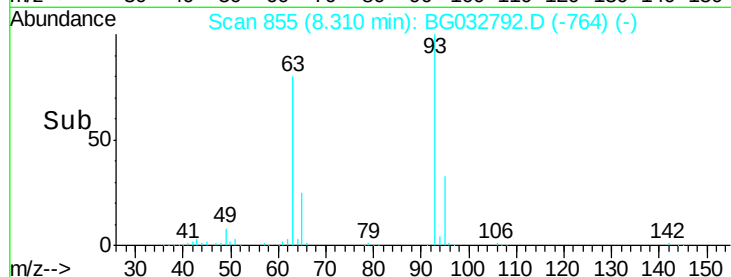
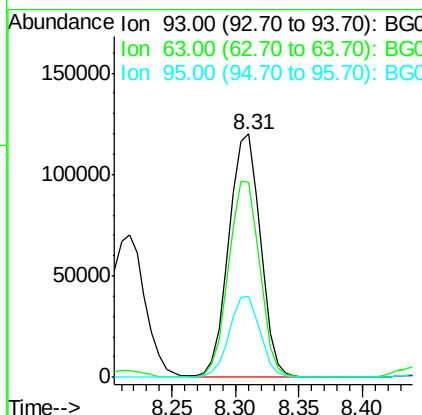
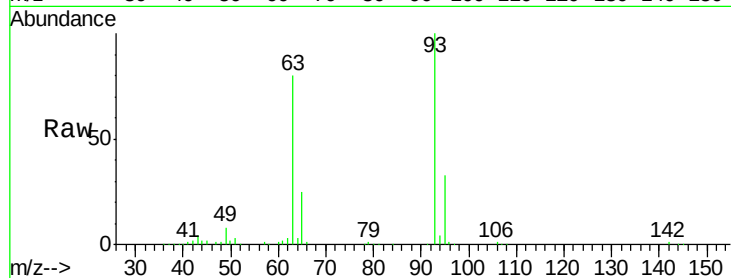




#11
bis(2-Chloroethyl)ether
Concen: 43.26 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

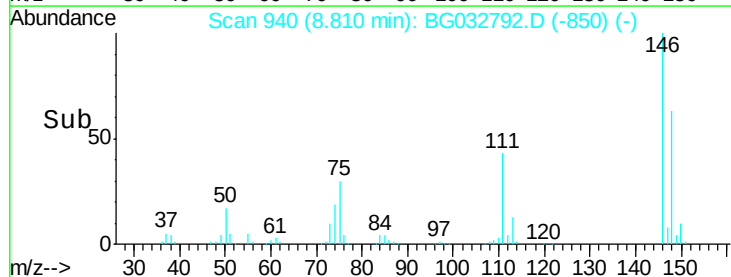
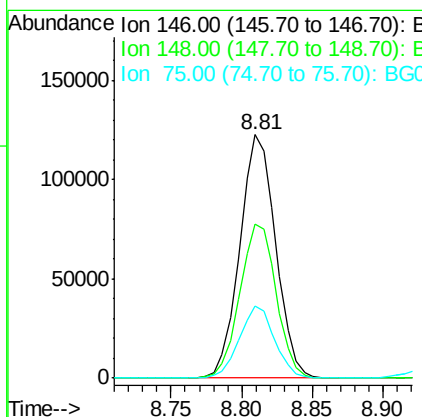
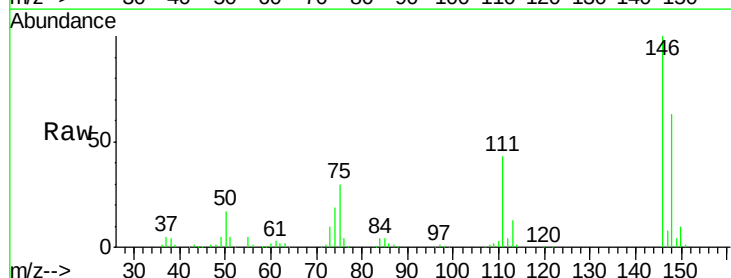
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

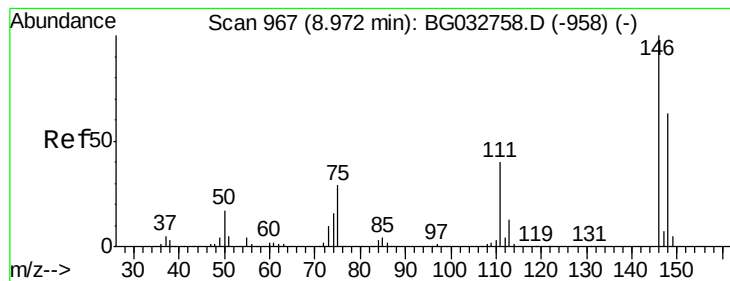
Tot Ion: 93 Resp: 207014
Ion Ratio Lower Upper
93 100
63 79.9 67.1 107.1
95 33.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.75 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion: 146 Resp: 217609
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 29.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.19 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

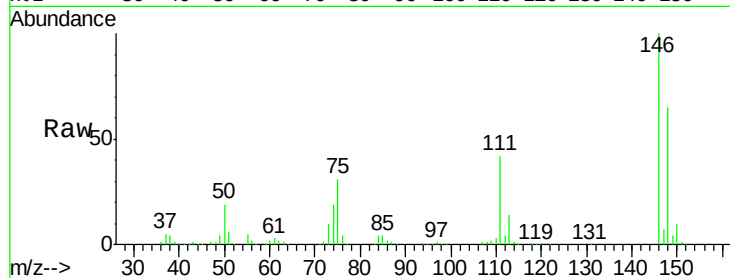
Tot Ion:146 Resp: 221387

Ion Ratio Lower Upper

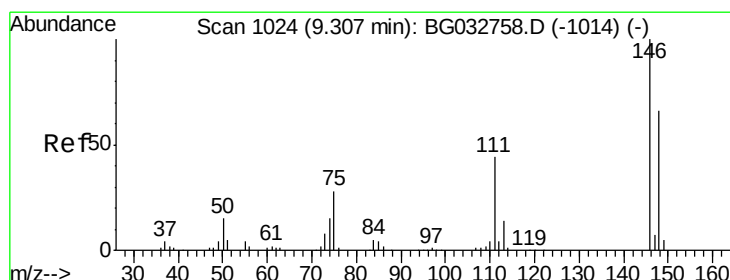
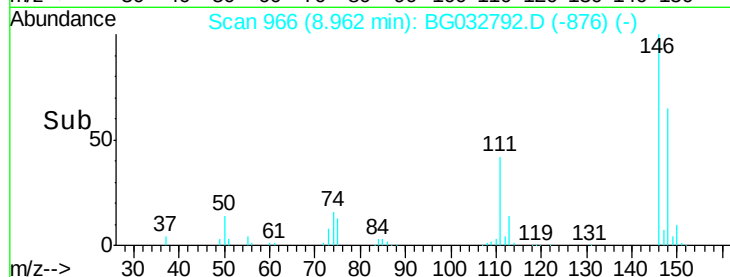
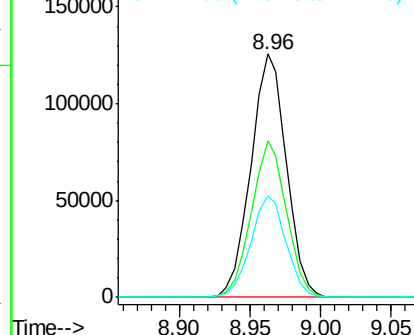
146 100

148 64.5 53.7 80.5

111 41.6 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: 40.73 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

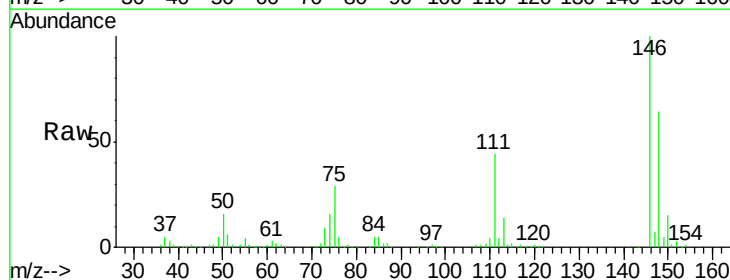
Tgt Ion:146 Resp: 209813

Ion Ratio Lower Upper

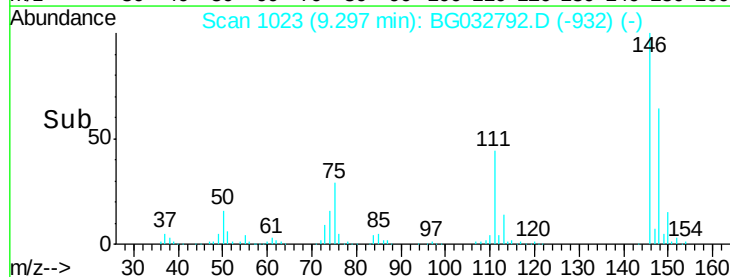
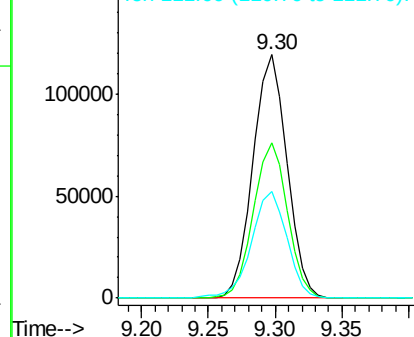
146 100

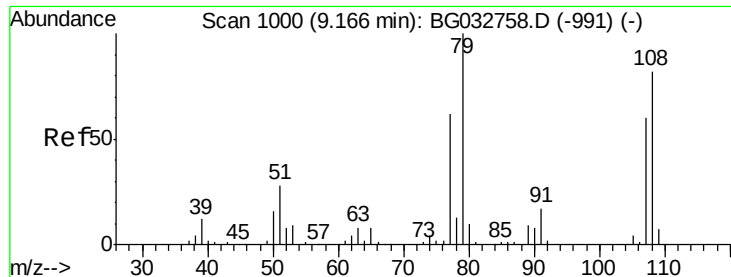
148 63.8 49.3 73.9

111 43.7 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

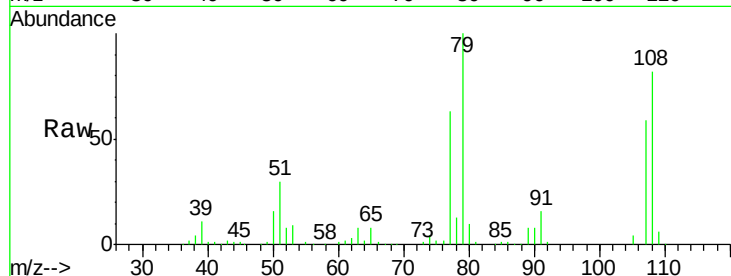




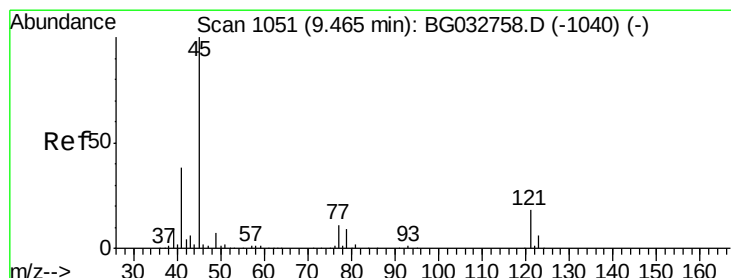
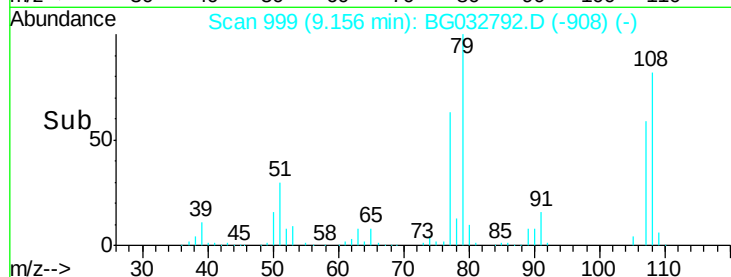
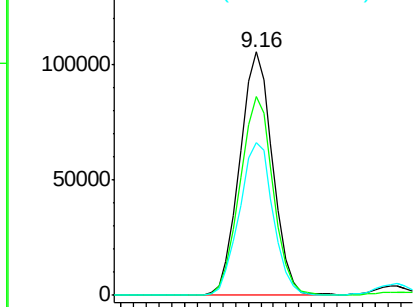
#15
Benzyl Alcohol
Concen: 44.31 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion: 79 Resp: 189131
Ion Ratio Lower Upper
79 100
108 81.8 57.2 85.8
77 62.8 46.1 69.1

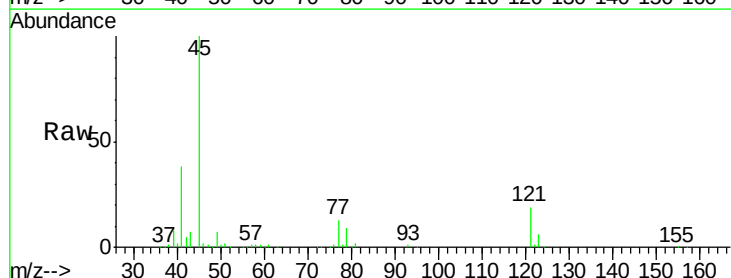


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

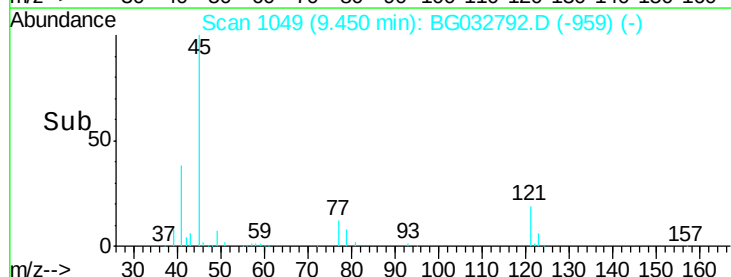
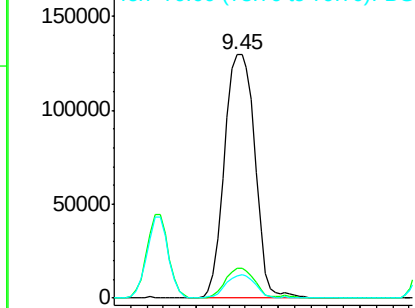


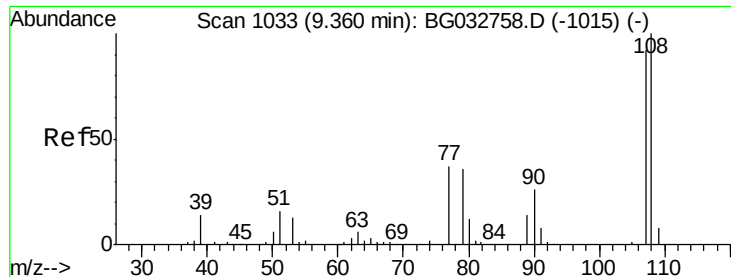
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.70 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion: 45 Resp: 334853
Ion Ratio Lower Upper
45 100
77 12.5 0.0 30.2
79 9.1 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: 43.86 ng

RT: 9.36 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

Tot Ion:107 Resp: 189313

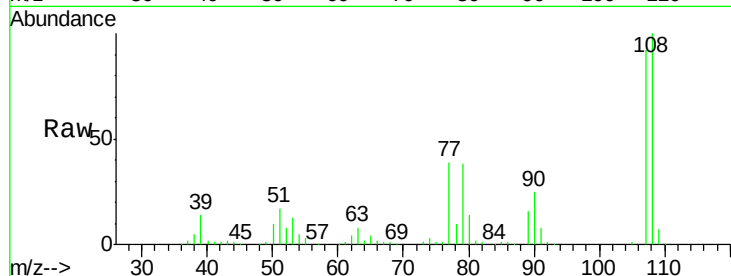
Ion Ratio Lower Upper

107 100

108 109.1 83.9 125.9

77 42.5 37.2 55.8

79 41.3 36.2 54.2

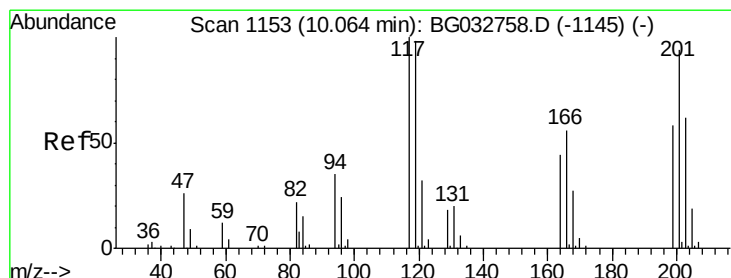
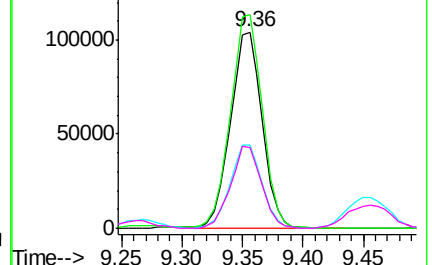
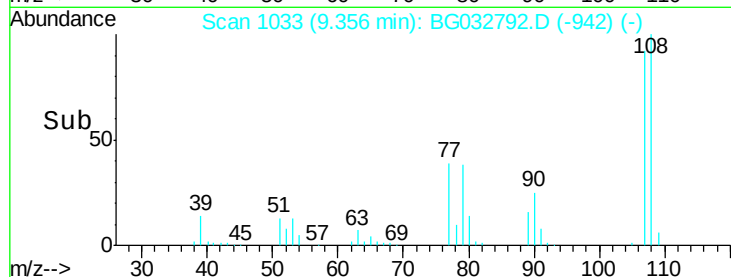


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.03 ng

RT: 10.05 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

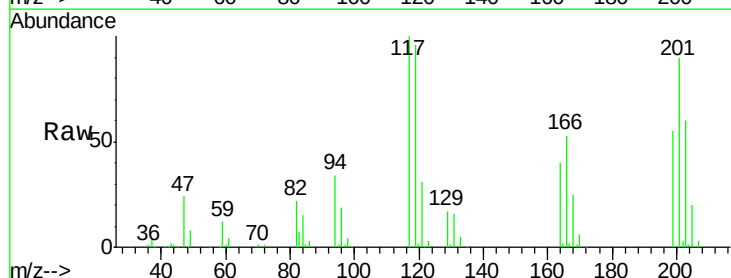
Tgt Ion:117 Resp: 78751

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

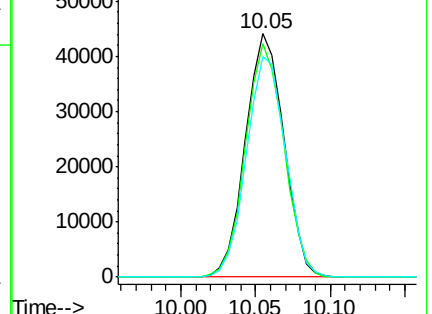
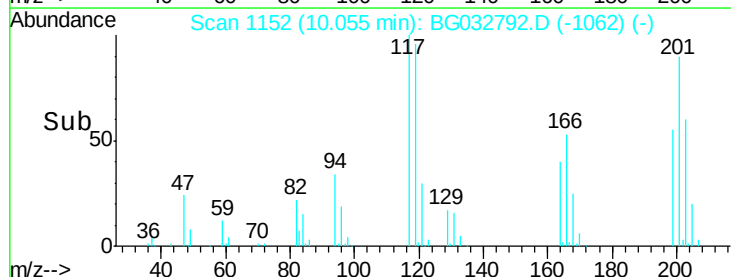
201 90.4 95.7 143.5#

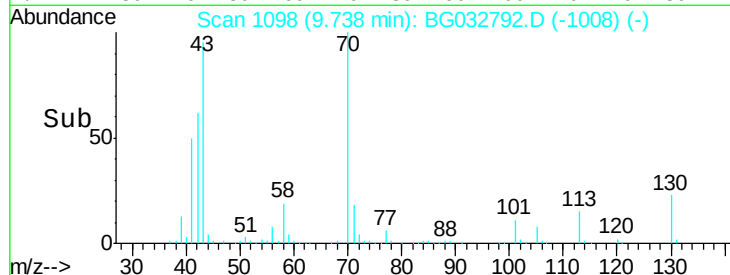
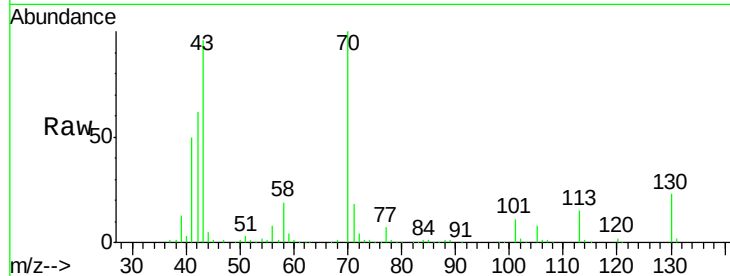
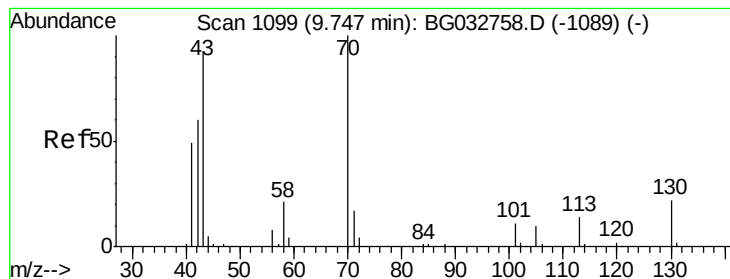


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.24 ng

RT: 9.74 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

Tot Ion: 70 Resp: 169026

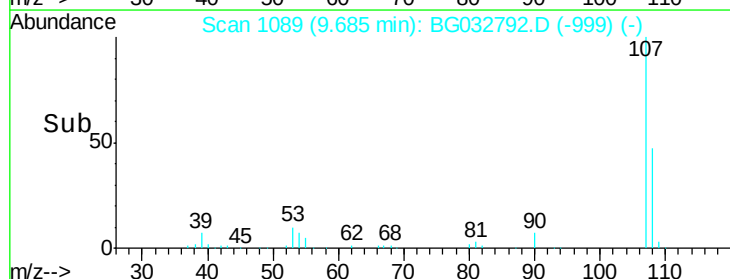
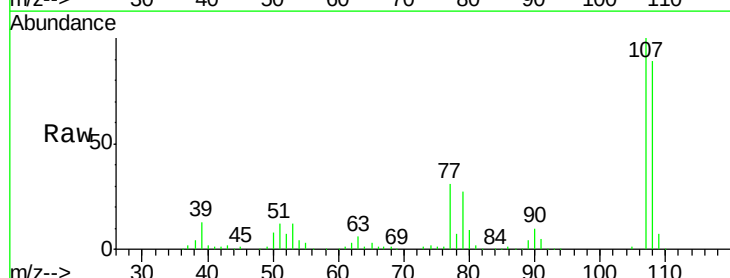
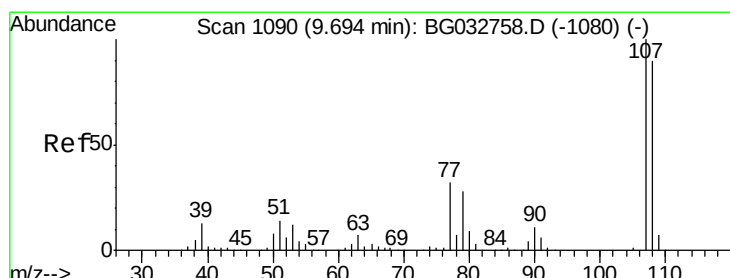
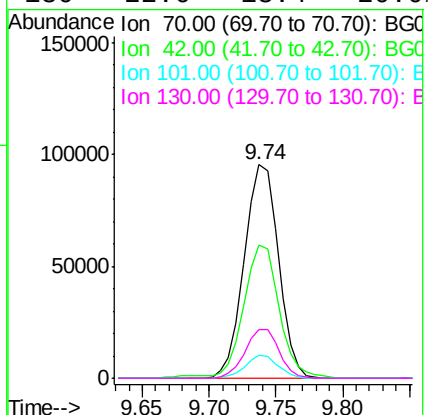
Ion Ratio Lower Upper

70 100

42 62.3 49.1 73.7

101 10.5 8.5 12.7

130 22.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 43.03 ng

RT: 9.68 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Tgt Ion: 107 Resp: 258229

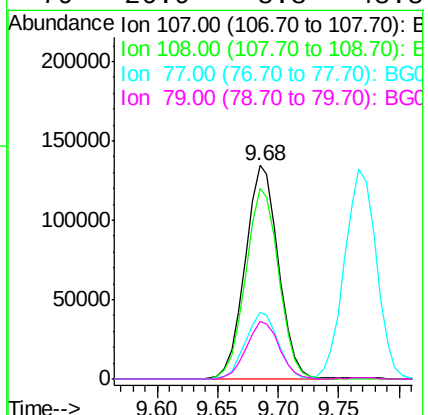
Ion Ratio Lower Upper

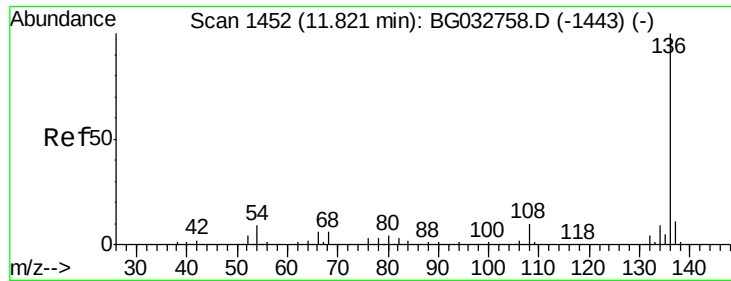
107 100

108 89.1 61.6 101.6

77 31.2 13.9 53.9

79 26.9 8.8 48.8

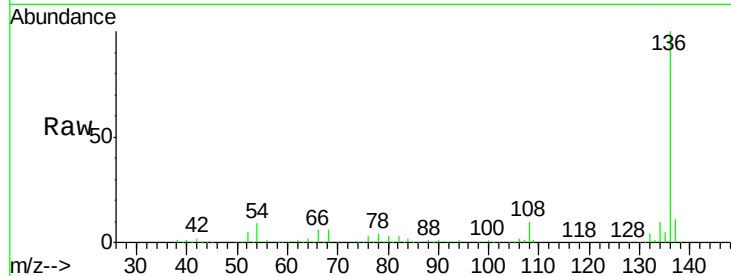




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.82 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.2	10.3	15.5
68	6.1	4.5	6.7



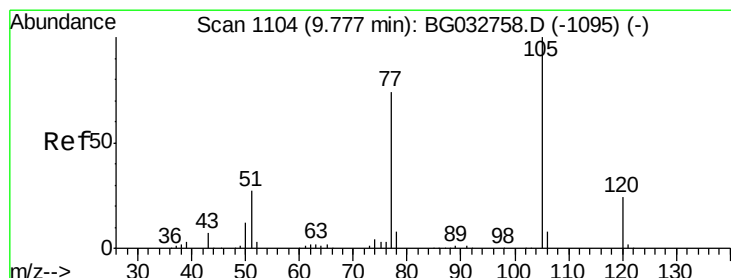
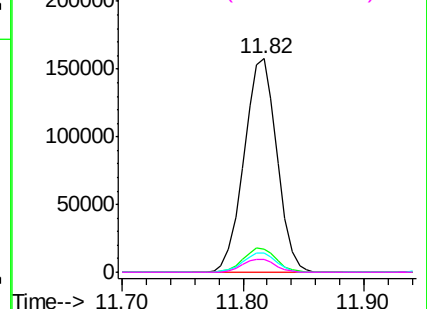
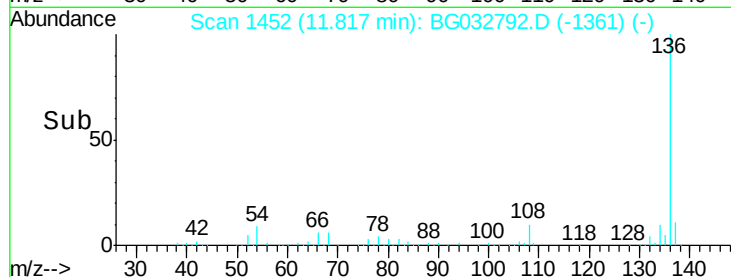
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

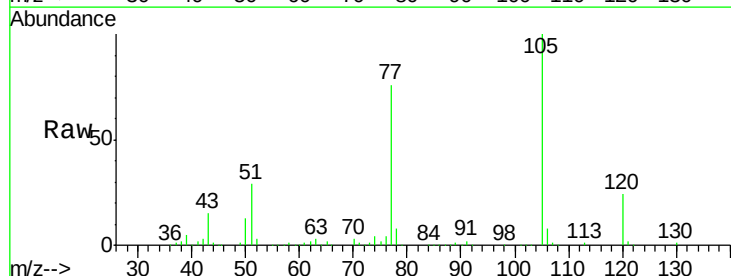
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.31 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.0	4.4
51	28.7	26.1	39.1
120	23.6	17.4	26.2



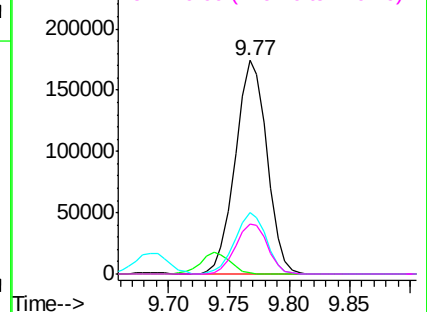
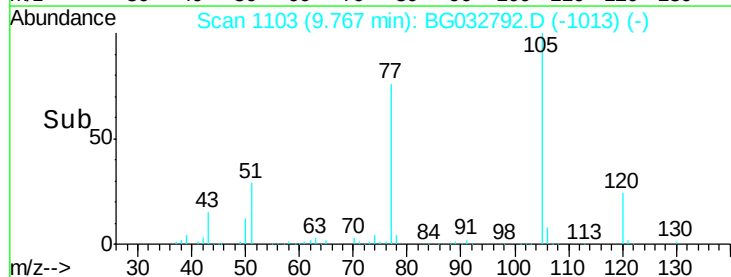
Abundance

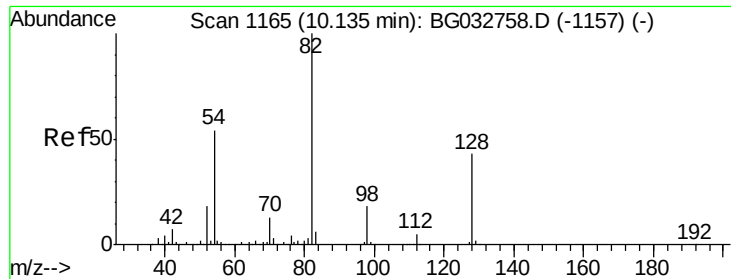
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

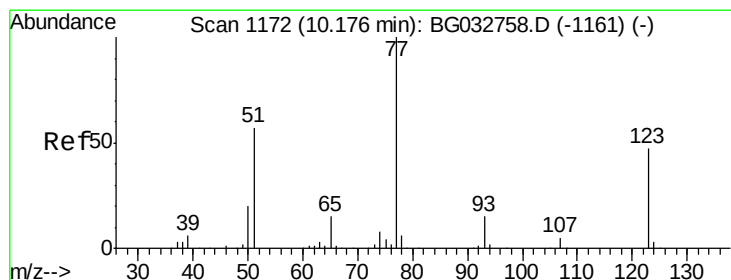
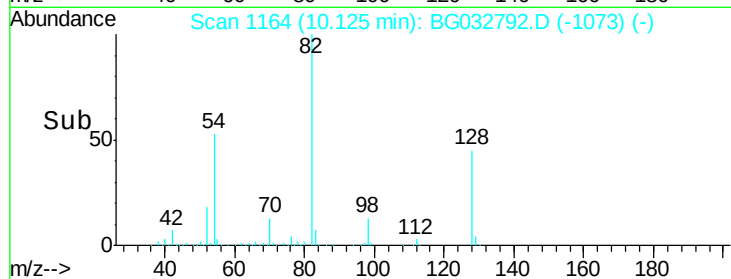
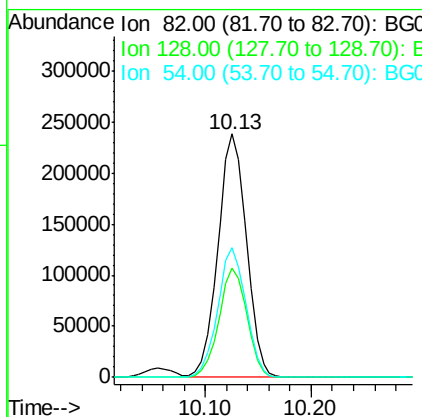
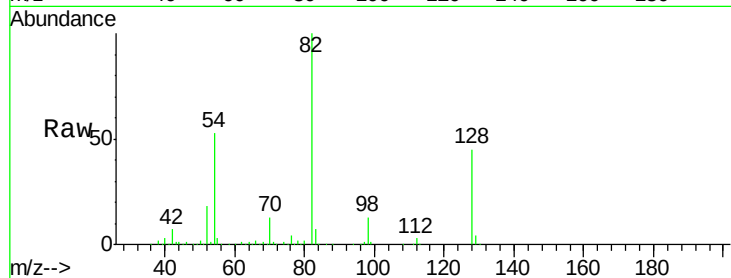




#23
 Nitrobenzene-d5
 Concen: 101.71 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

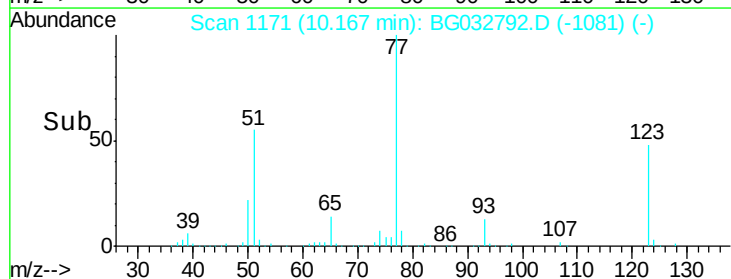
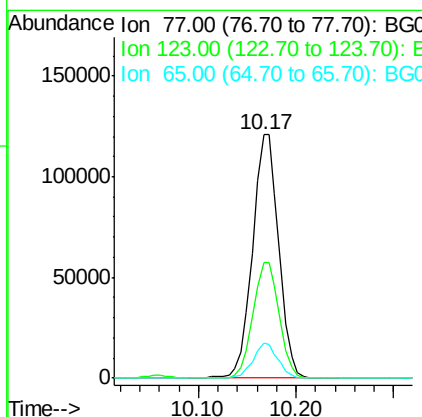
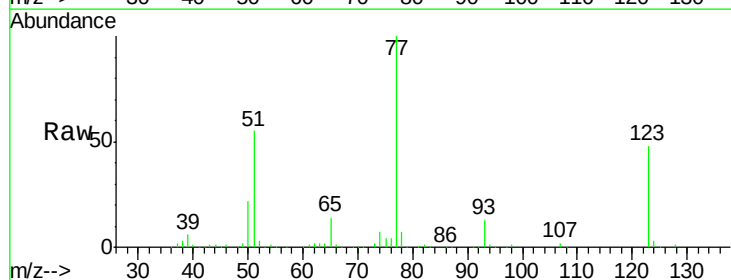
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

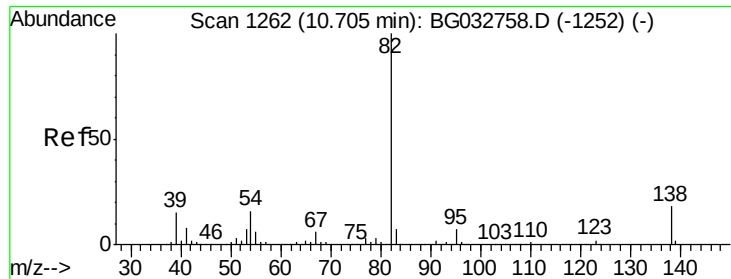
Tot Ion	82	Resp	445883
Ion Ratio	Lower	Upper	
82	100		
128	44.7	29.7	44.5#
54	53.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 47.92 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion	77	Resp	227517
Ion Ratio	Lower	Upper	
77	100		
123	47.6	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 45.27 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

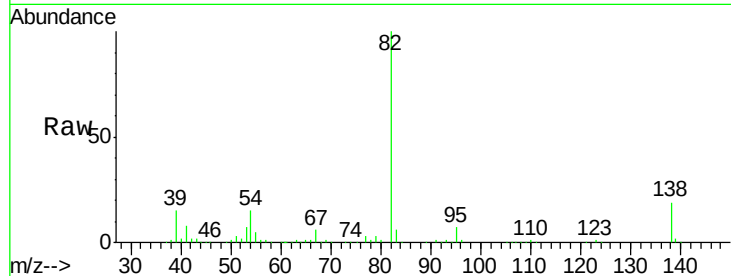
Tot Ion: 82 Resp: 473087

Ion Ratio Lower Upper

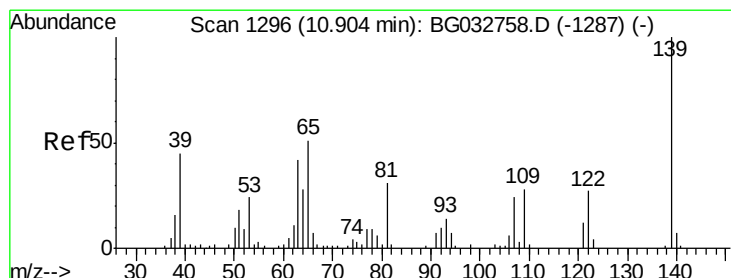
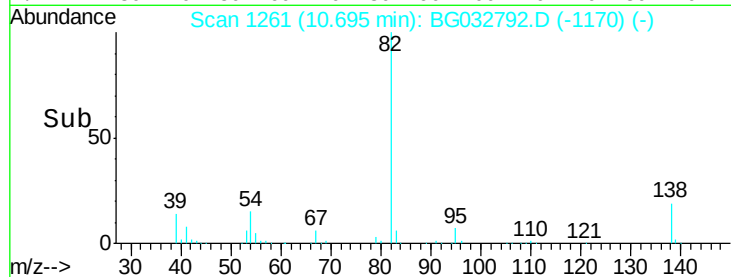
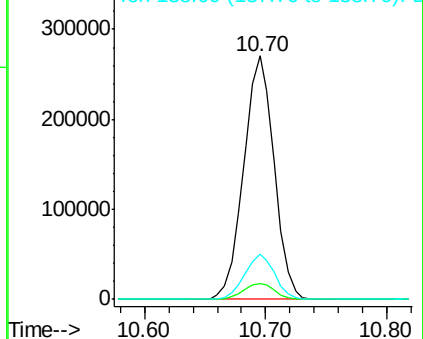
82 100

95 6.6 6.2 9.2

138 18.5 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: 57.31 ng

RT: 10.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

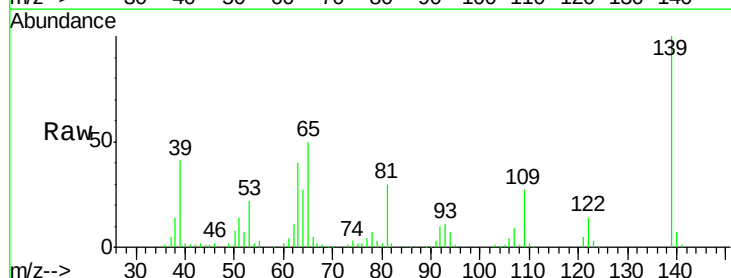
Tgt Ion: 139 Resp: 102845

Ion Ratio Lower Upper

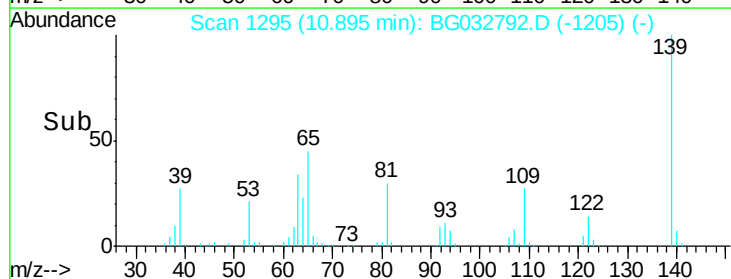
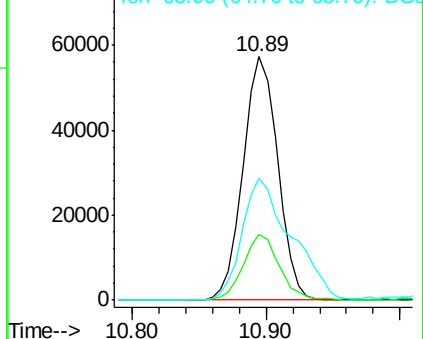
139 100

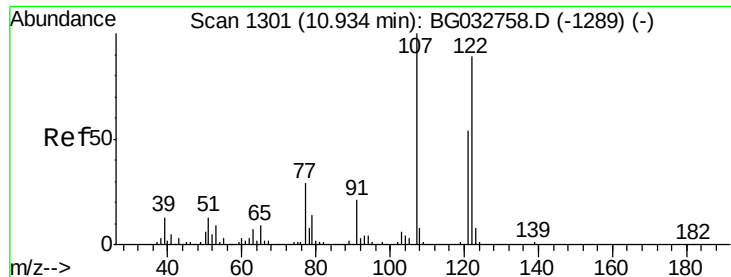
109 26.8 24.2 36.2

65 50.2 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

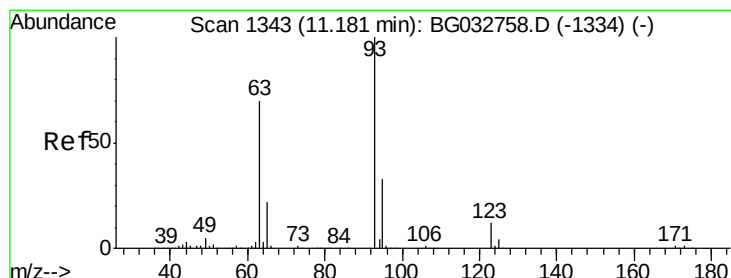
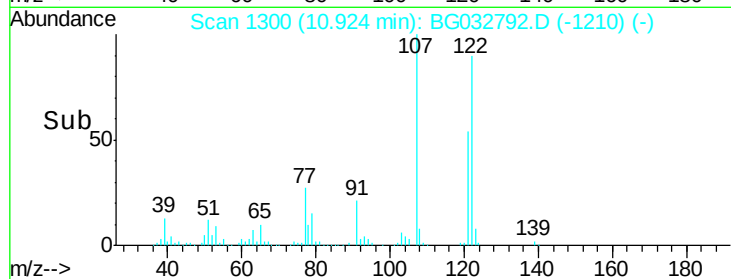
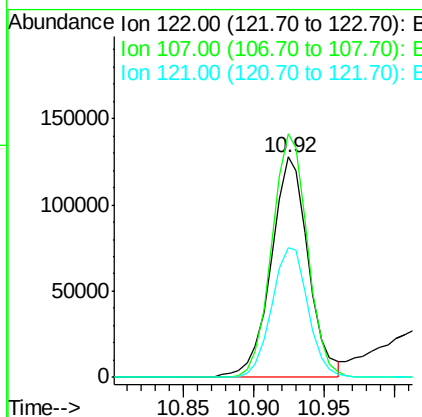
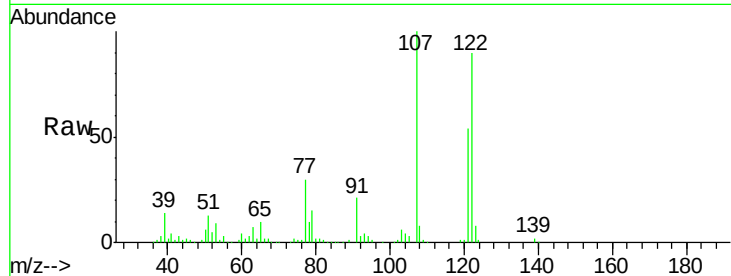




#27
2,4-Dimethylphenol
Concen: 51.65 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

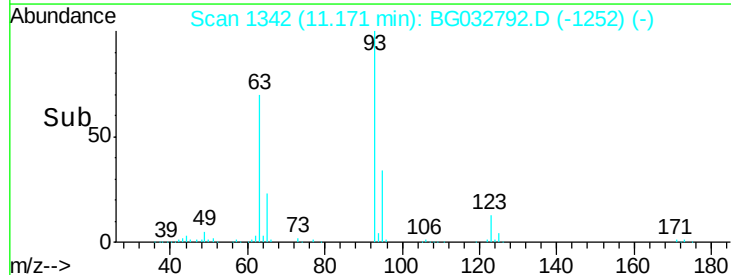
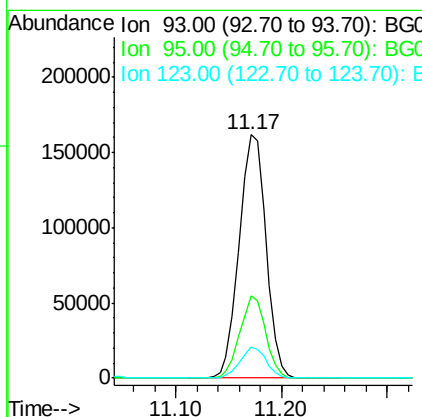
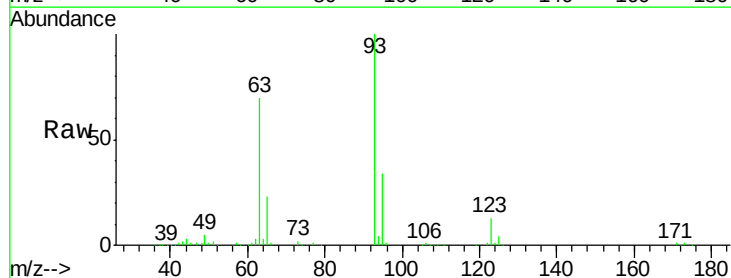
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

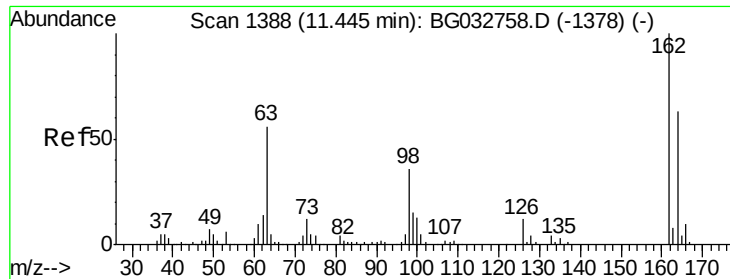
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	100.2	150.2
121	59.2	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.78 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.3	36.5
123	12.8	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 49.24 ng

RT: 11.44 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

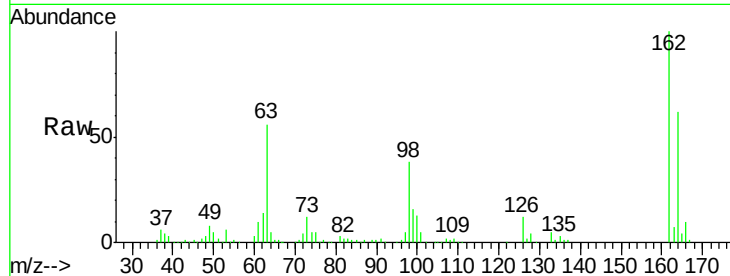
Tot Ion:162 Resp: 202895

Ion Ratio Lower Upper

162 100

164 62.5 48.0 88.0

98 38.3 21.1 61.1

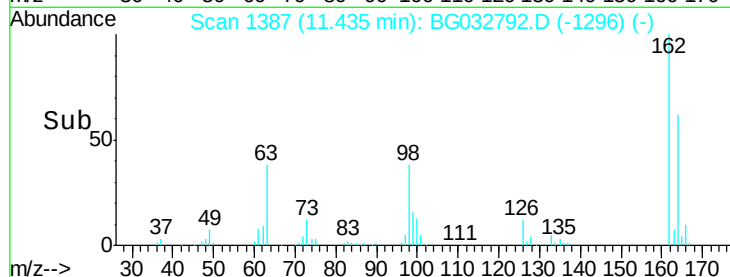


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



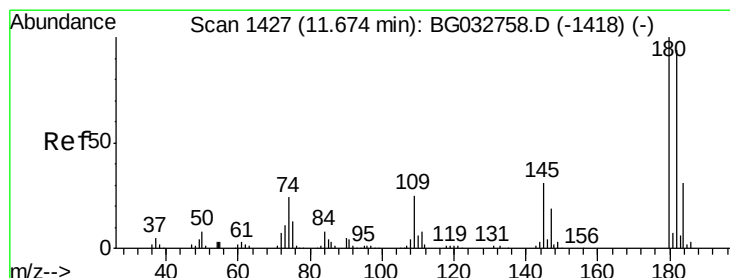
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 40.39 ng

RT: 11.66 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

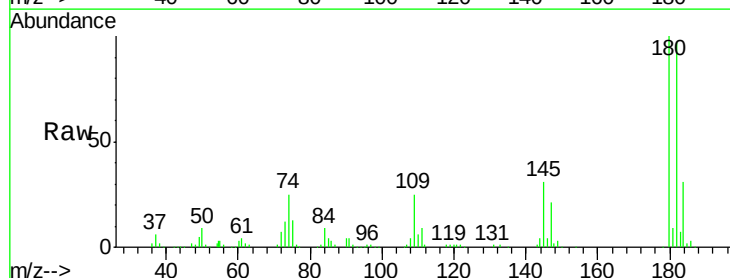
Tgt Ion:180 Resp: 195107

Ion Ratio Lower Upper

180 100

182 97.1 77.5 116.3

145 31.4 23.4 35.2

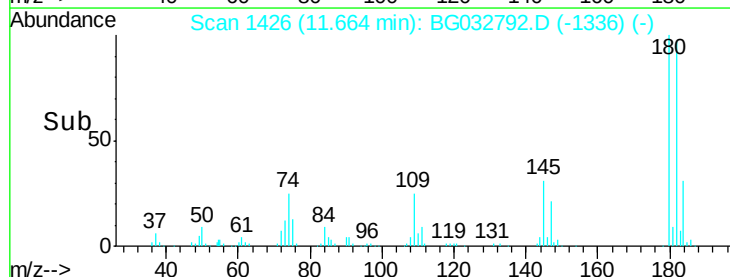


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



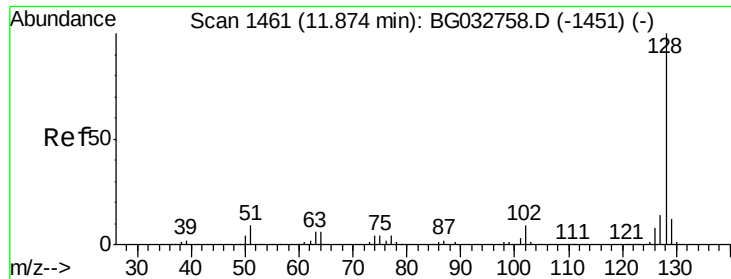
Abundance

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

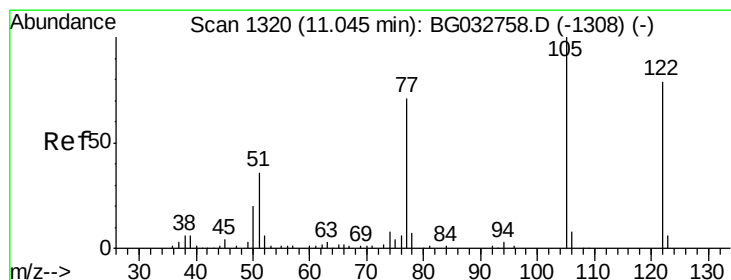
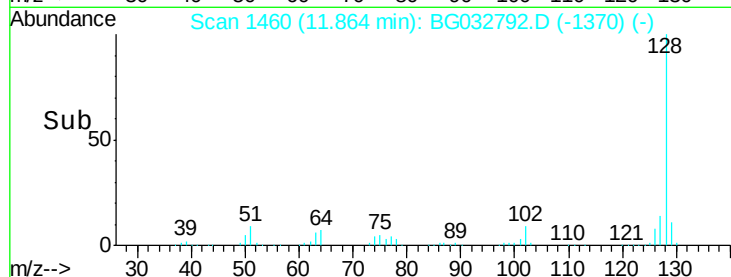
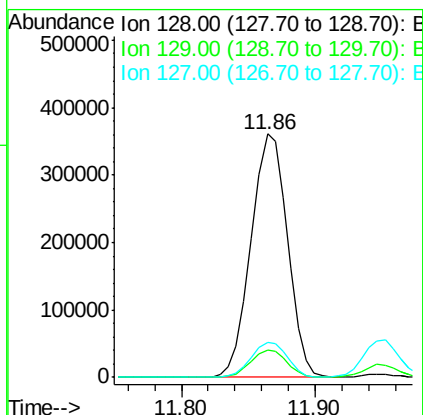
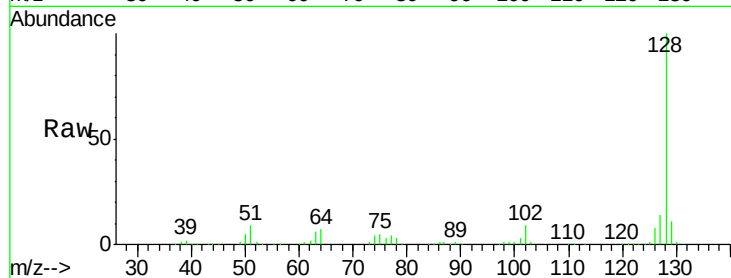
Time-->



#31
Naphthalene
Concen: 43.84 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

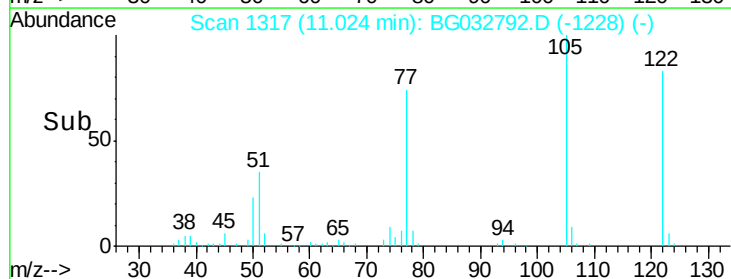
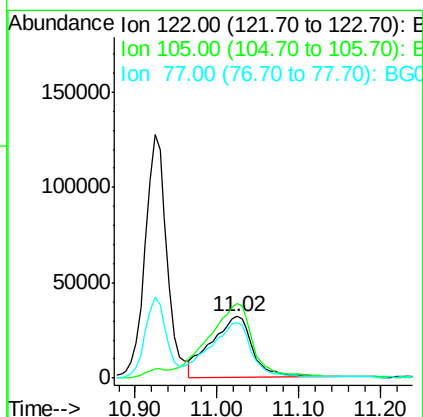
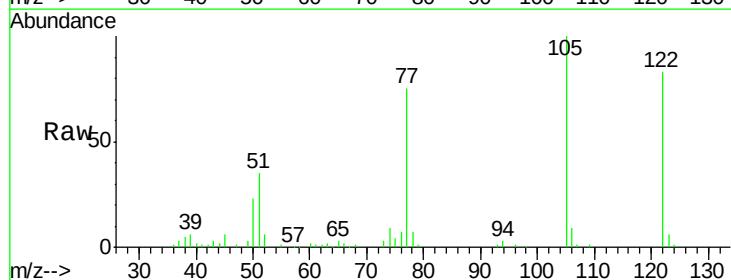
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

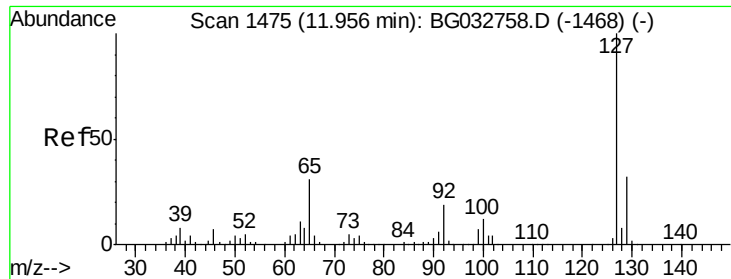
Tot Ion:128 Resp: 682156
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 42.09 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:122 Resp: 112116
Ion Ratio Lower Upper
122 100
105 120.3 123.5 163.5#
77 90.0 85.7 125.7

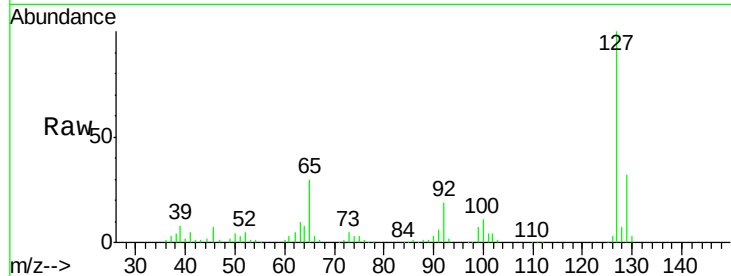




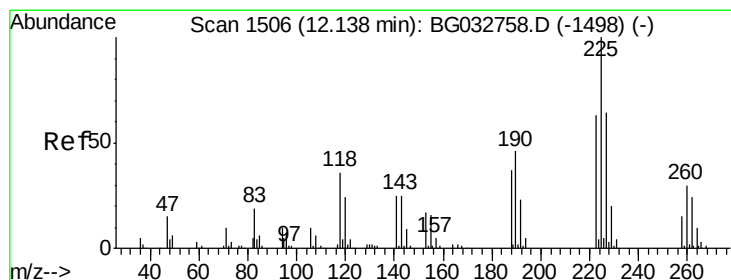
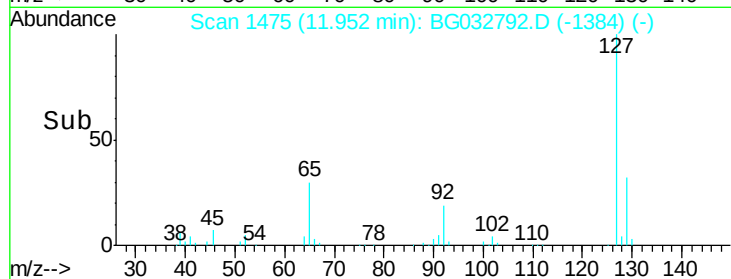
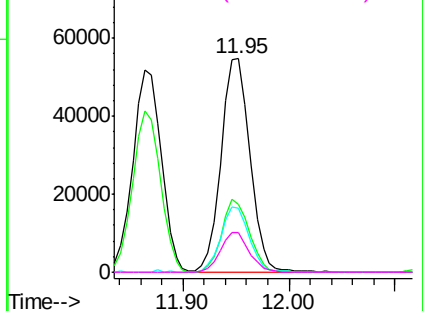
#33
4-Chloroaniline
Concen: 14.98 ng
RT: 11.95 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion:	127	Resp:	104212
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	29.9	27.0	40.4
92	18.7	16.6	25.0

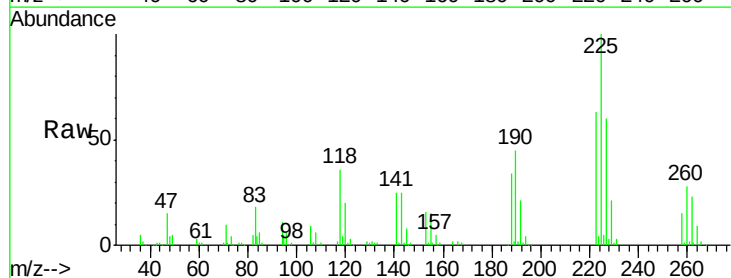


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

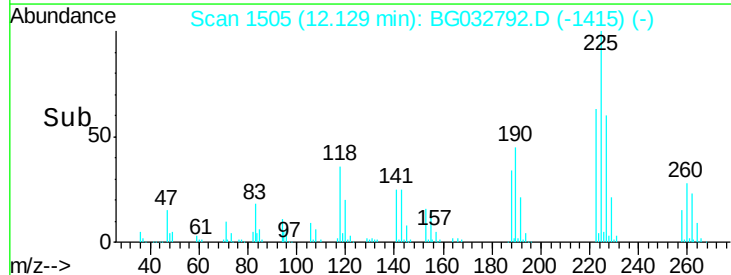
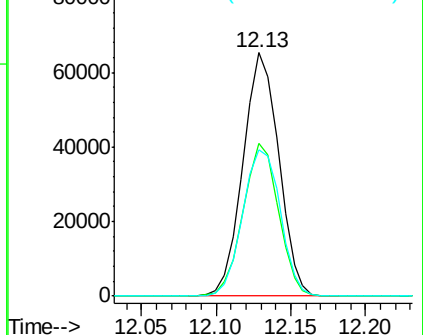


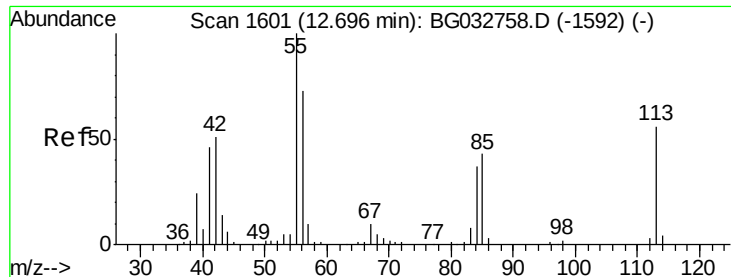
#34
Hexachlorobutadiene
Concen: 40.07 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:	225	Resp:	108559
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	60.2	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: 45.13 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

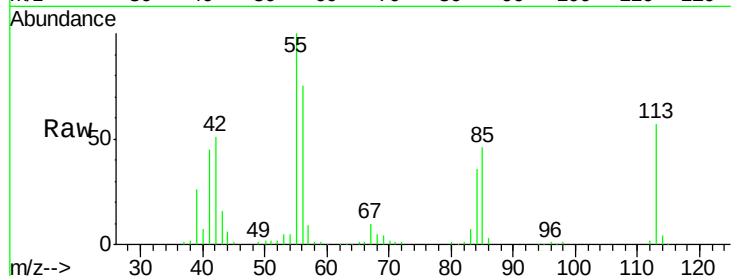
Tot Ion:113 Resp: 74467

Ion Ratio Lower Upper

113 100

55 176.1 186.9 226.9#

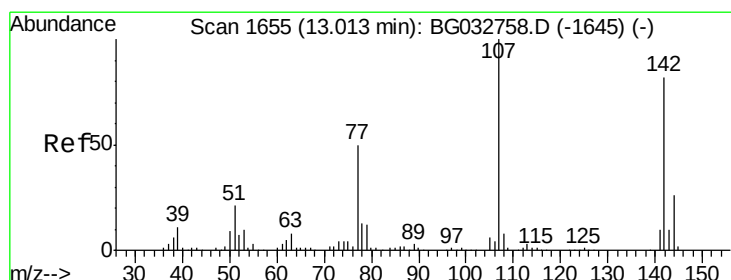
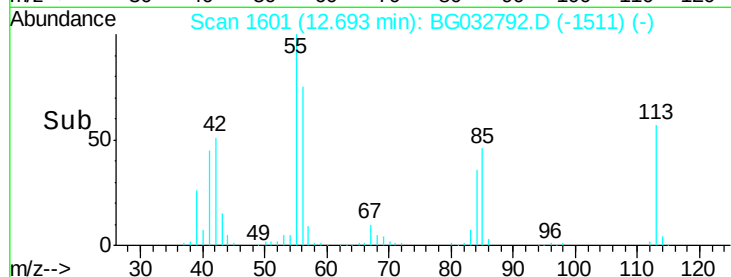
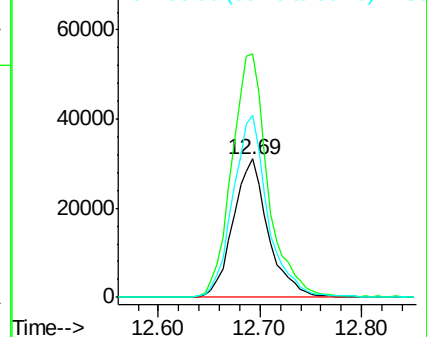
56 132.1 130.9 170.9



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: 50.43 ng

RT: 13.01 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

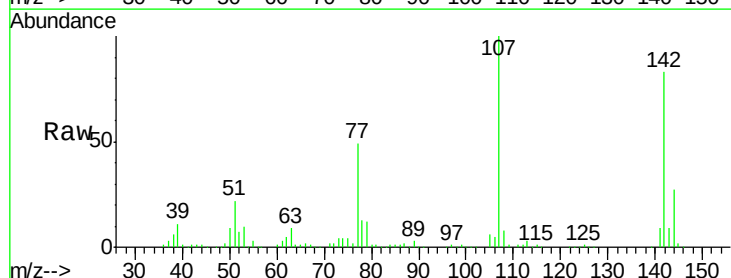
Tgt Ion:107 Resp: 241843

Ion Ratio Lower Upper

107 100

144 26.9 18.2 27.4

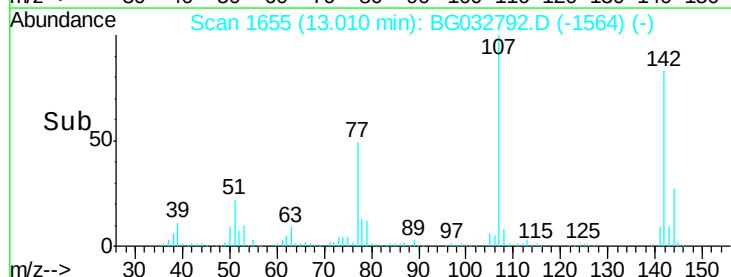
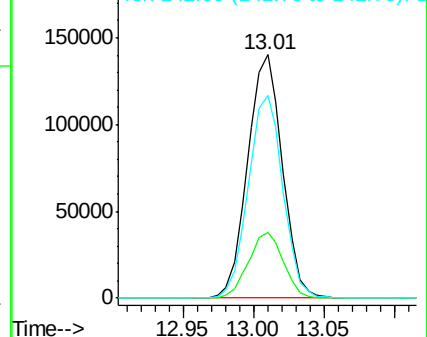
142 83.3 59.0 88.4

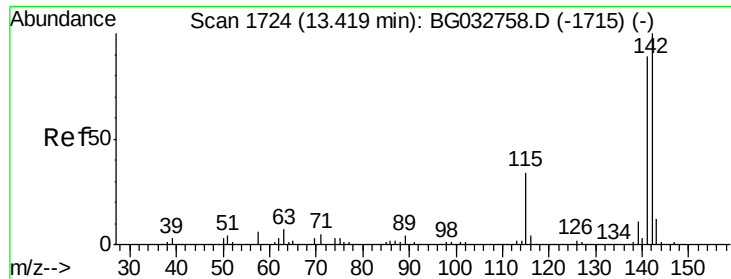


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

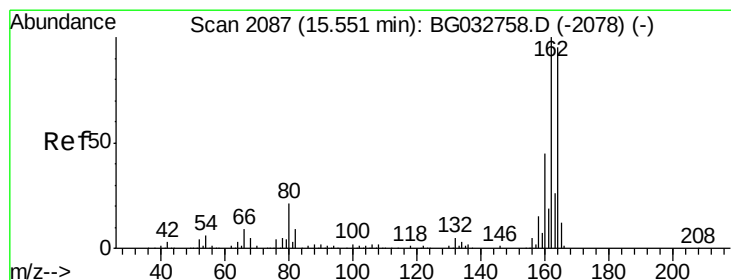
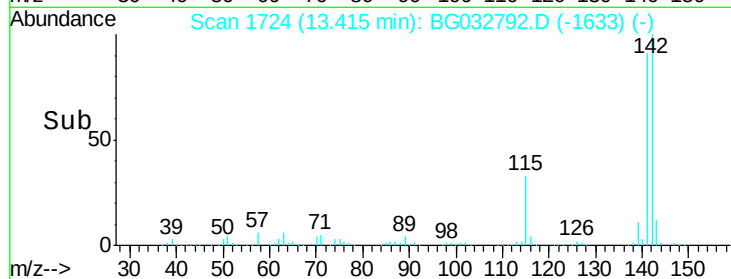
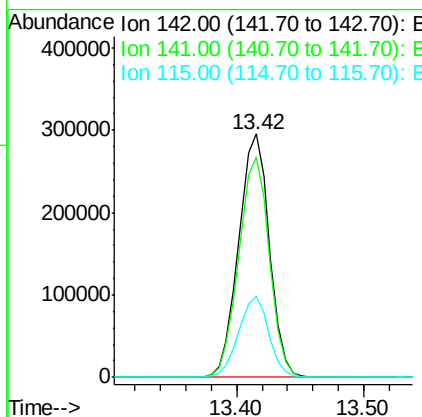
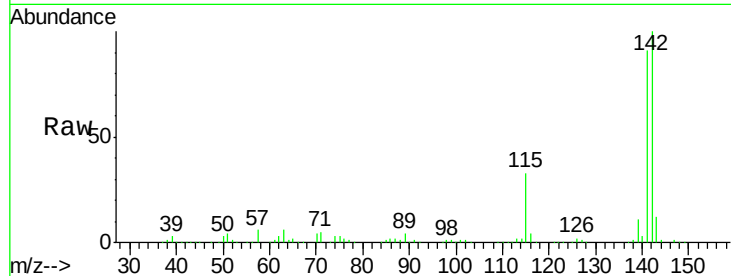




#37
2-Methylnaphthalene
Concen: 43.87 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

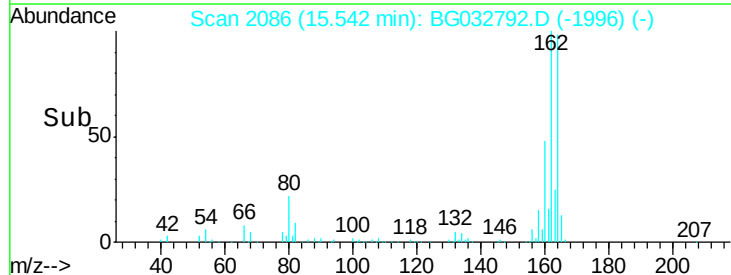
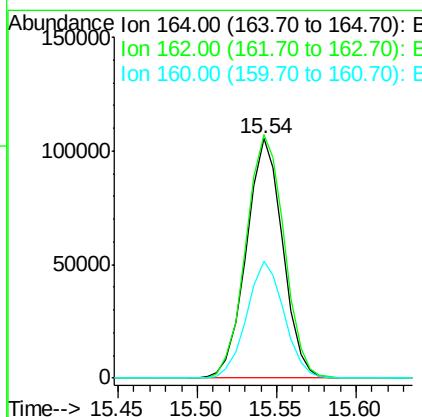
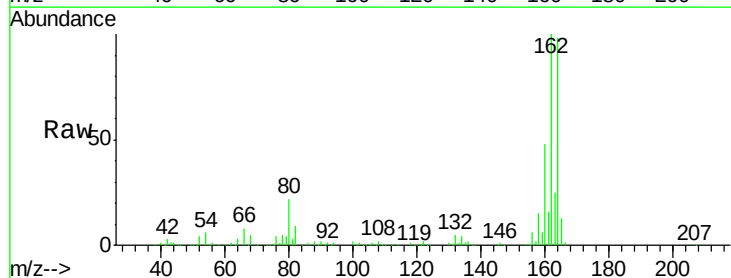
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

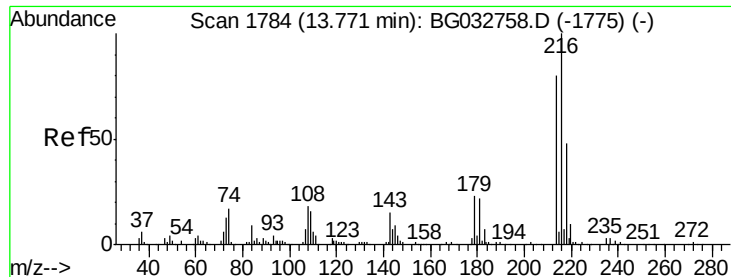
Tot Ion:142 Resp: 493798
Ion Ratio Lower Upper
142 100
141 90.6 67.1 100.7
115 33.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:164 Resp: 168052
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 48.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.72 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

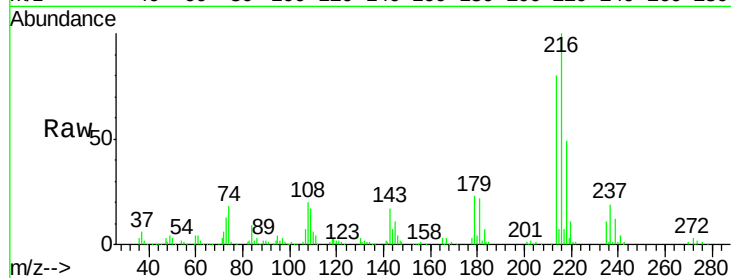
Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

Tot Ion:	216	Resp:	203152
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.8	17.0	25.6
108	22.7	12.8	19.2#

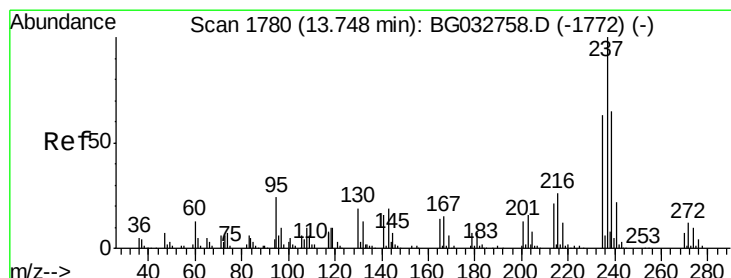
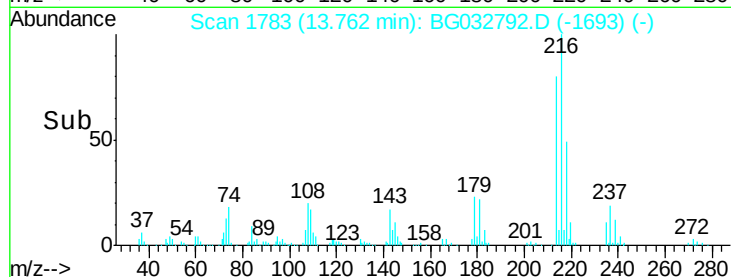
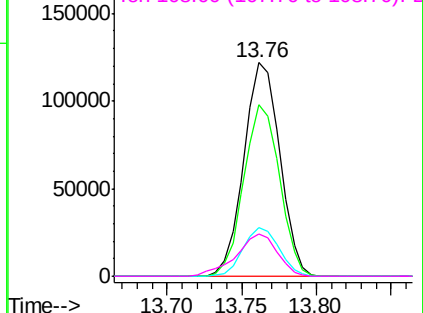


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.92 ng

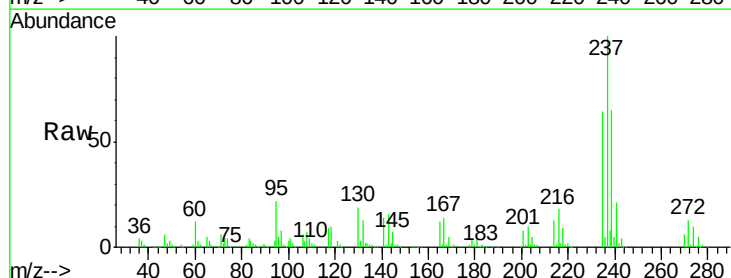
RT: 13.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

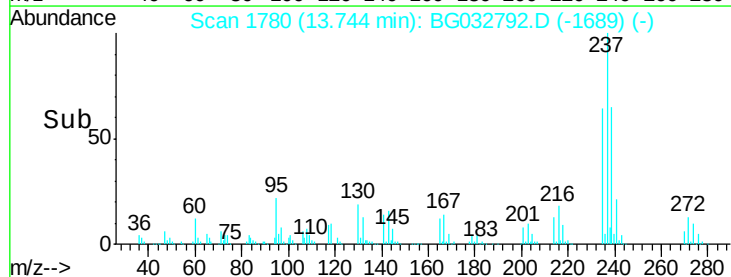
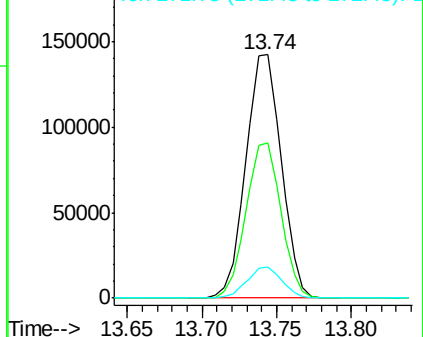
Tgt Ion:	237	Resp:	233695
Ion	Ratio	Lower	Upper
237	100		
235	63.6	50.4	90.4
272	12.8	0.0	31.8

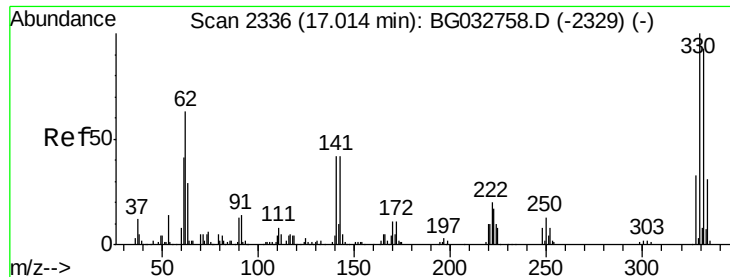


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

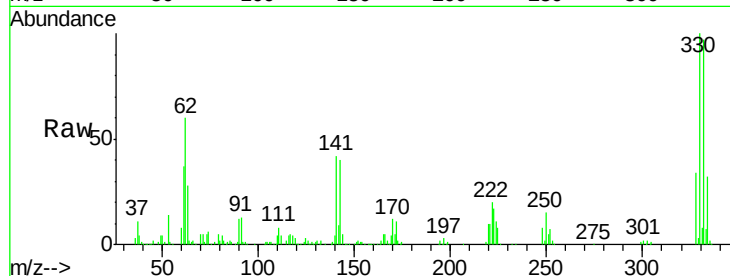




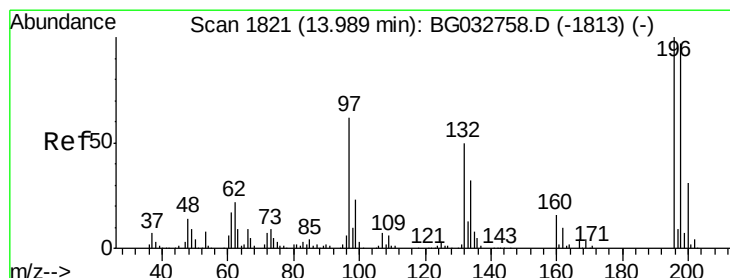
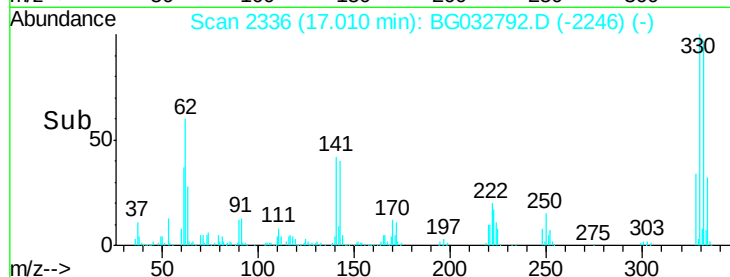
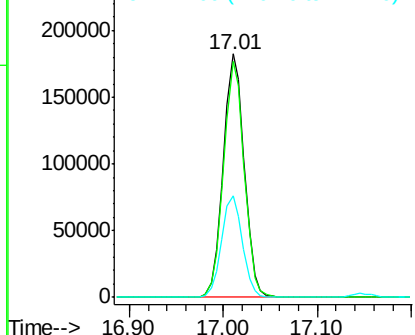
#41
 2,4,6-Tribromophenol
 Concen: 160.53 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion:330 Resp: 283666
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 41.8 25.2 37.8#

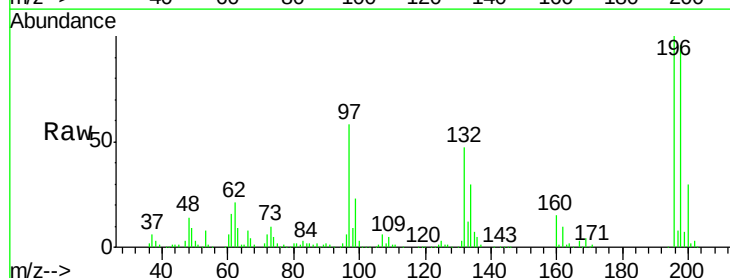


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

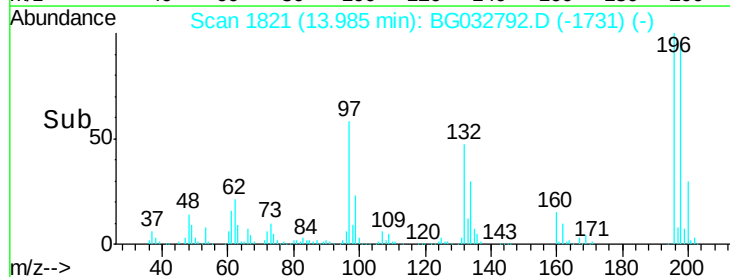
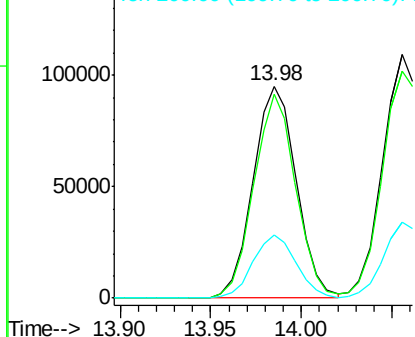


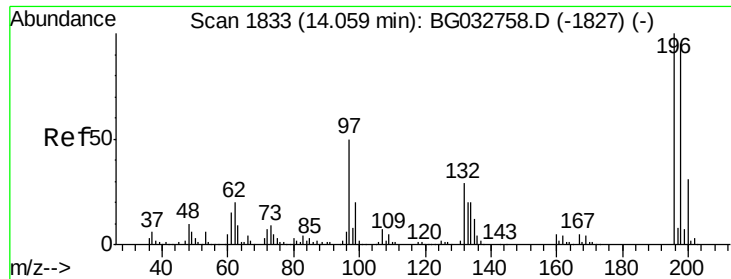
#42
 2,4,6-Trichlorophenol
 Concen: 50.35 ng
 RT: 13.98 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion:196 Resp: 158411
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.2 117.2
 200 29.9 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

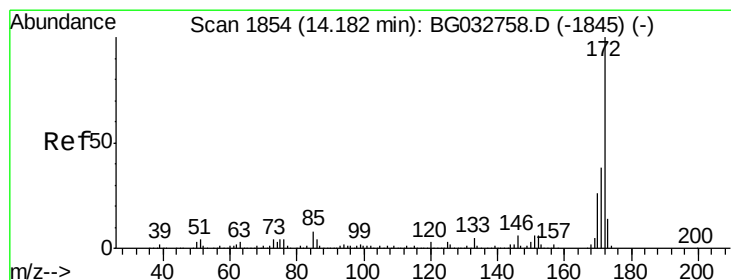
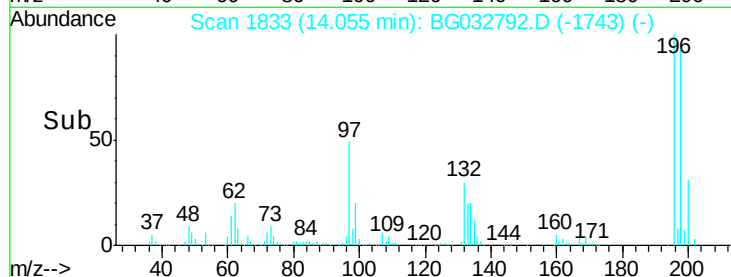
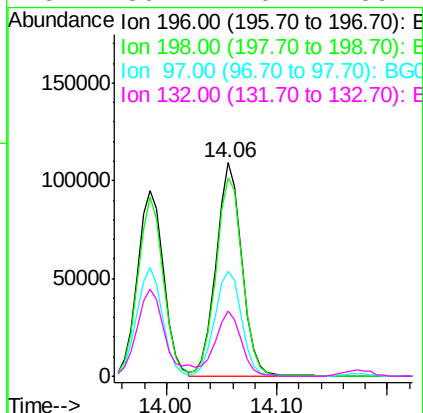
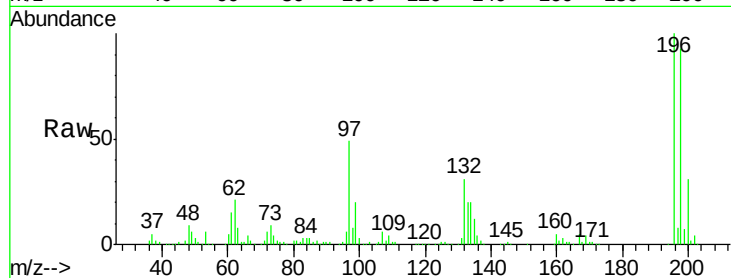




#43
 2,4,5-Trichlorophenol
 Concen: 48.34 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

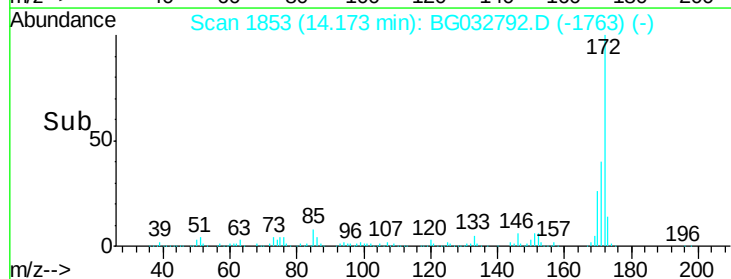
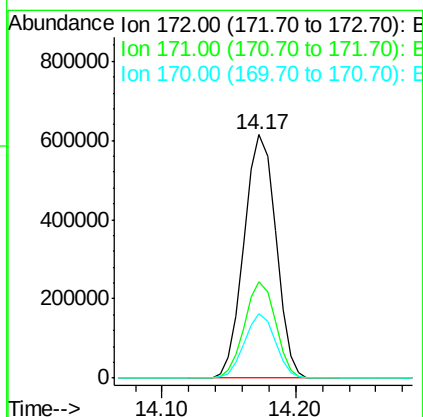
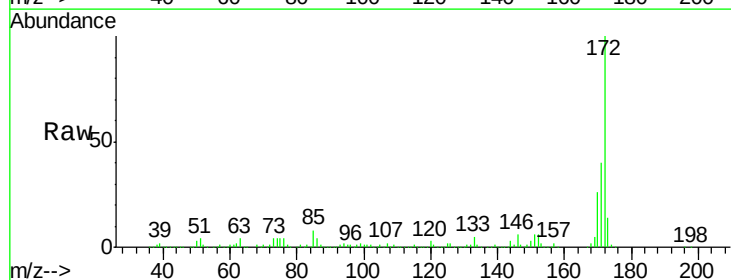
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

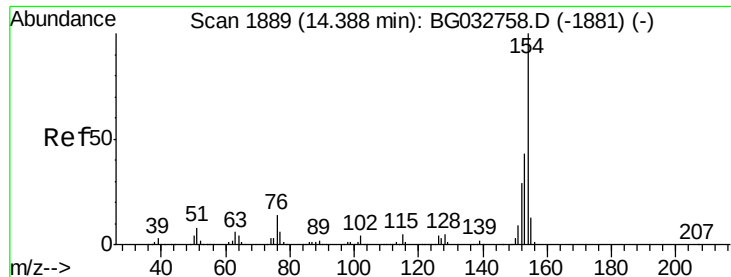
Tot Ion:196 Resp: 176004
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.2 114.4
 97 49.3 38.7 58.1
 132 30.7 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 87.06 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion:172 Resp: 1014443
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.0 45.0
 170 26.4 19.5 29.3

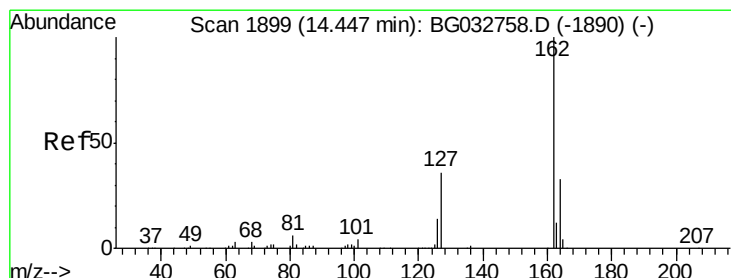
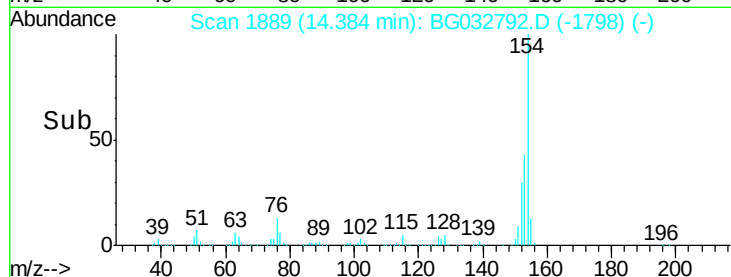
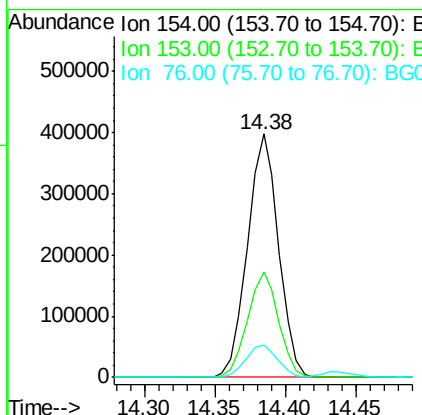
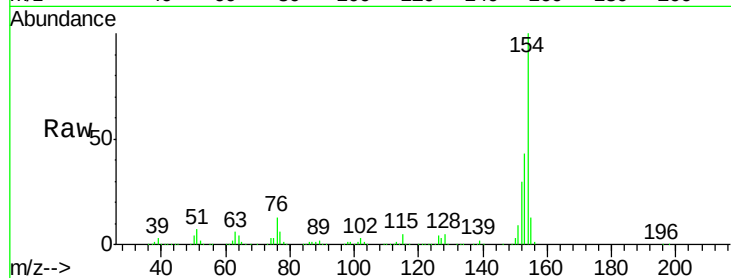




#45
 1,1'-Biphenyl
 Concen: 41.69 ng
 RT: 14.38 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

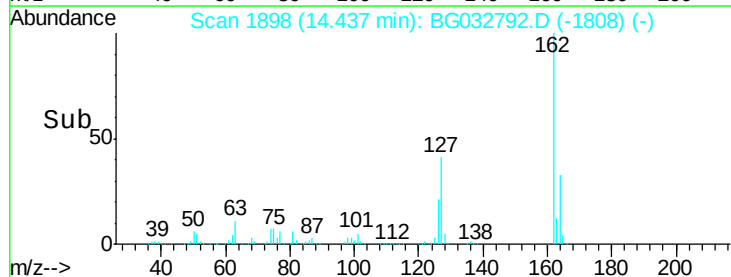
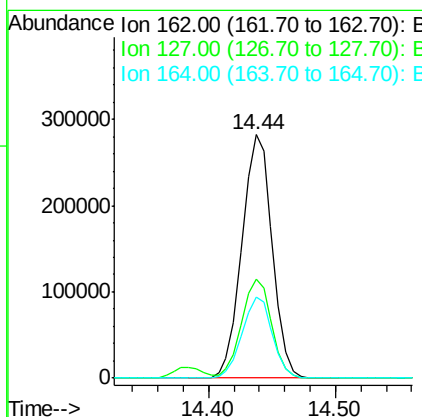
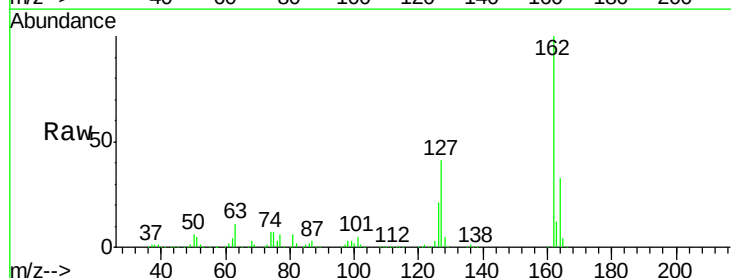
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

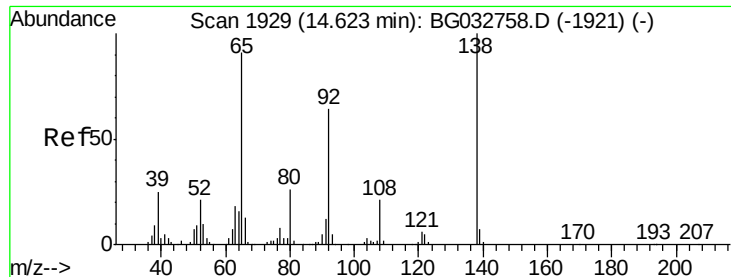
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.2	19.8	59.8
76	13.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.37 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	33.4	26.0	39.0

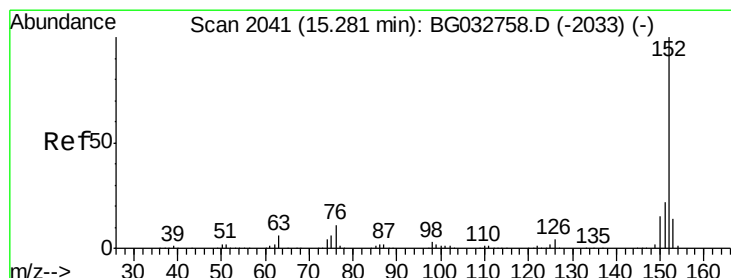
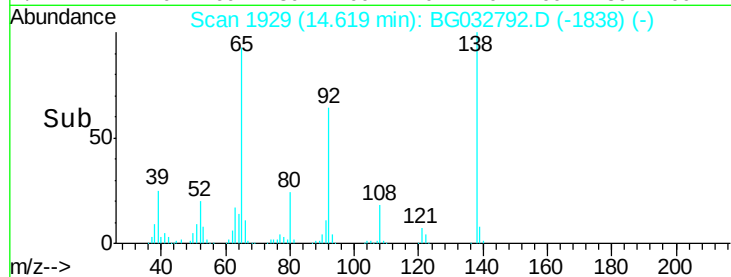
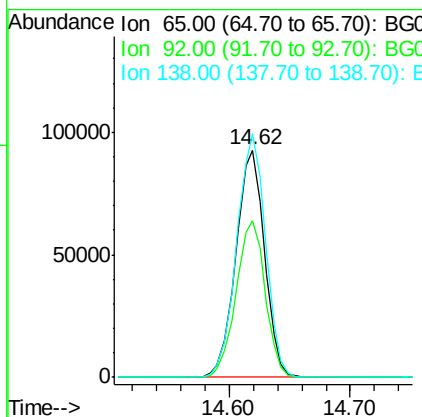
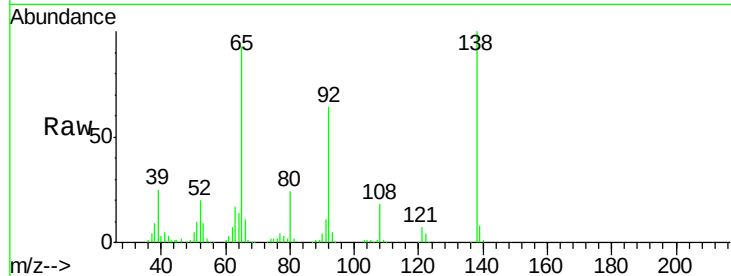




#47
 2-Nitroaniline
 Concen: 53.88 ng
 RT: 14.62 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

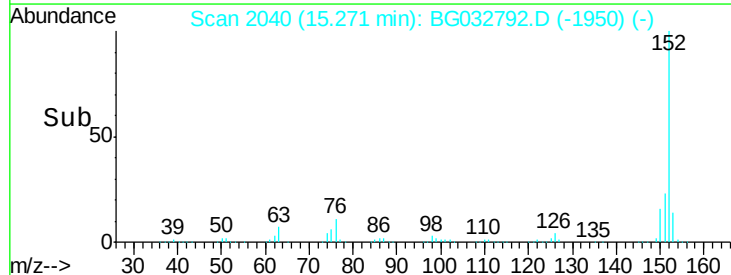
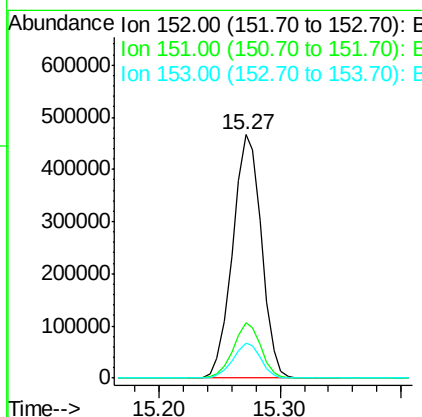
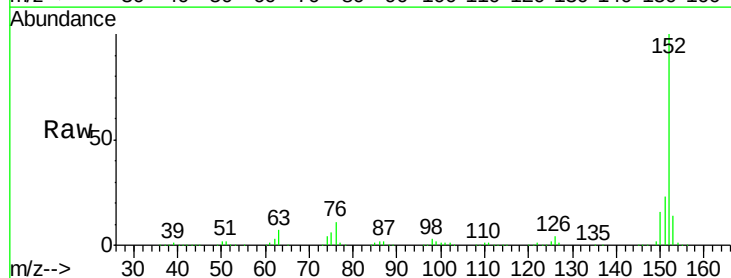
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

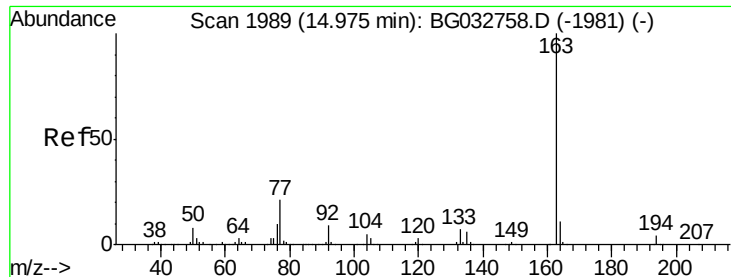
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.6	82.0
138	107.1	72.9	109.3



#48
 Acenaphthylene
 Concen: 43.09 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	14.2	10.2	15.4





#49

Dimethylphthalate

Concen: 44.23 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

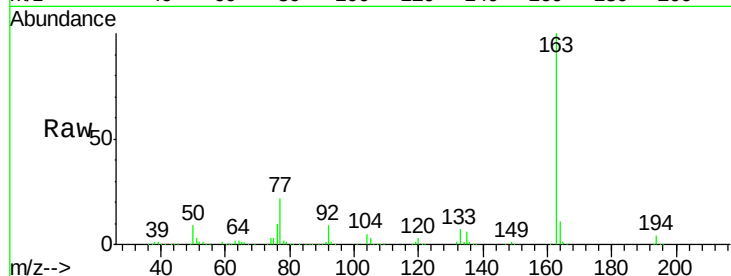
Tot Ion:163 Resp: 631130

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

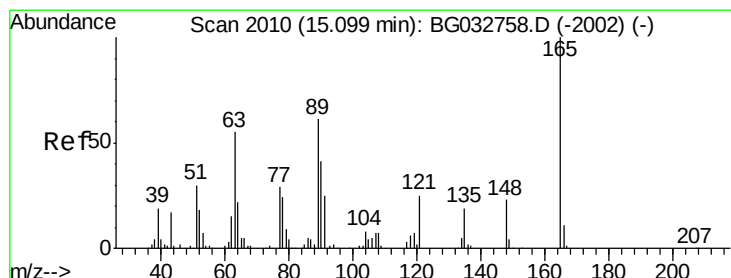
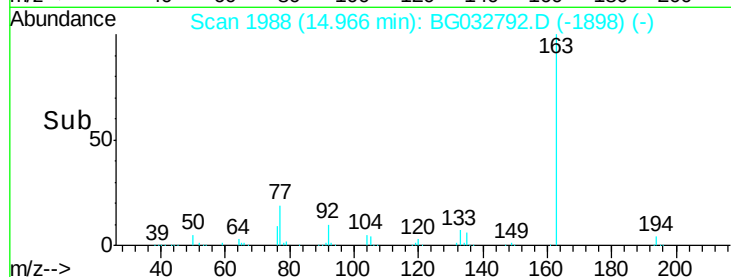
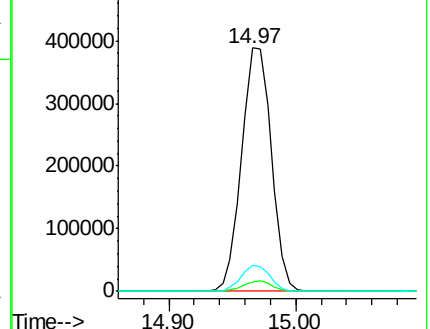
164 10.7 8.2 12.4



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: 54.97 ng

RT: 15.10 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

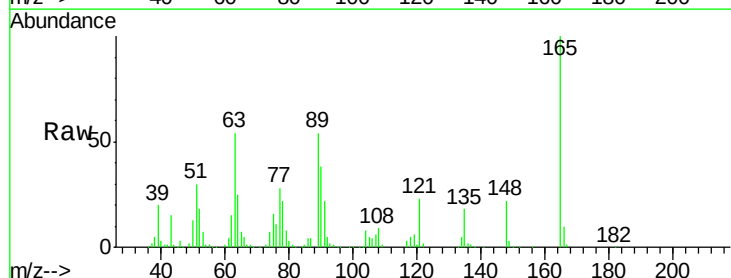
Tgt Ion:165 Resp: 133579

Ion Ratio Lower Upper

165 100

63 53.7 52.7 79.1

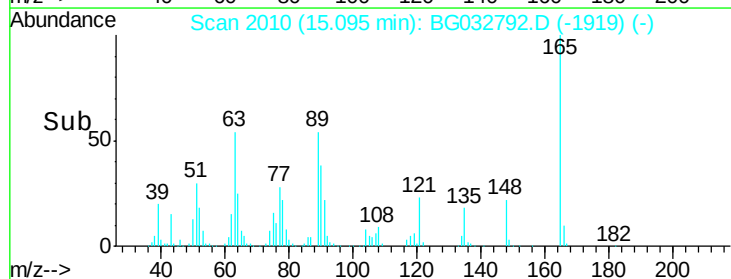
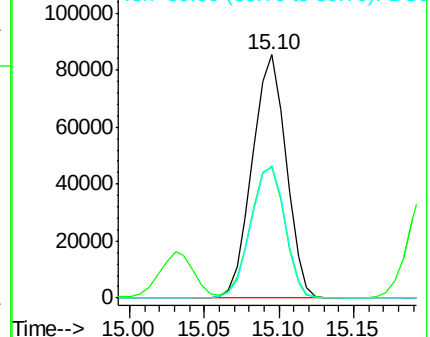
89 54.4 49.2 73.8

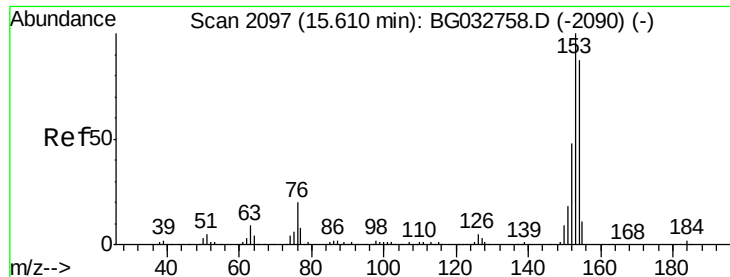


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.88 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

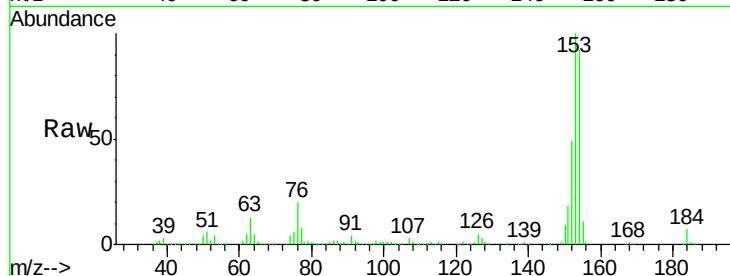
Tot Ion:154 Resp: 524356

Ion Ratio Lower Upper

154 100

153 109.1 90.4 135.6

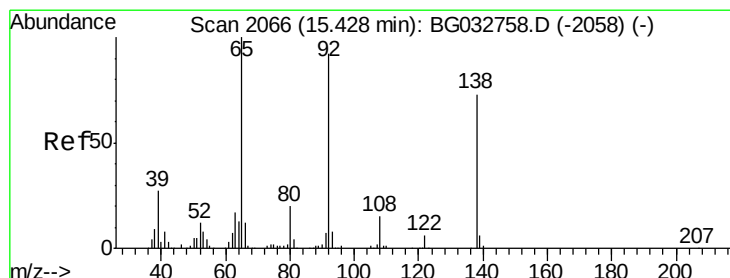
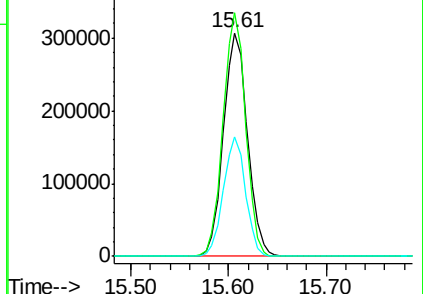
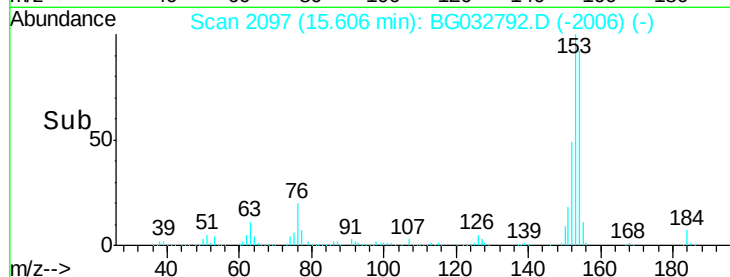
152 53.6 41.6 62.4



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: 35.52 ng

RT: 15.42 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

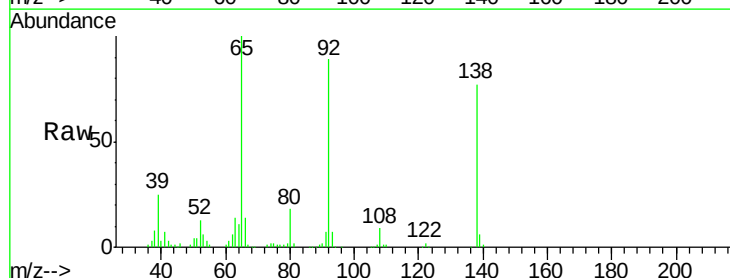
Tgt Ion:138 Resp: 96995

Ion Ratio Lower Upper

138 100

108 11.9 17.5 26.3#

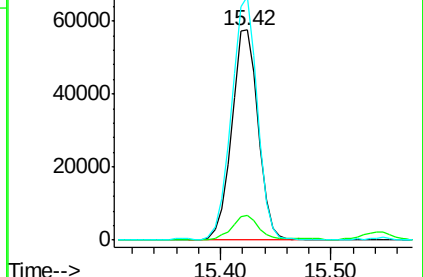
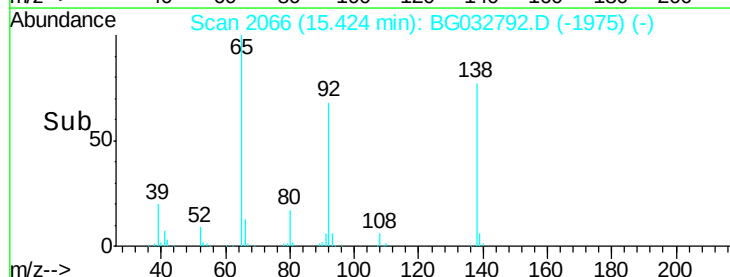
92 115.8 105.8 158.8

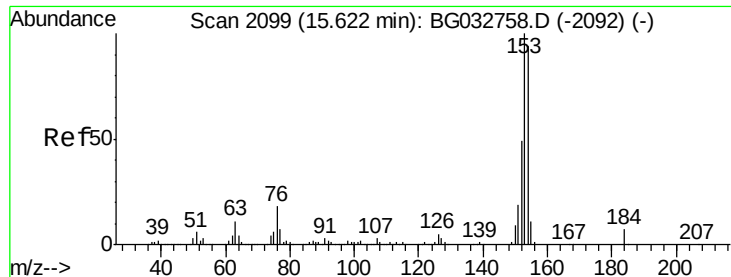


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

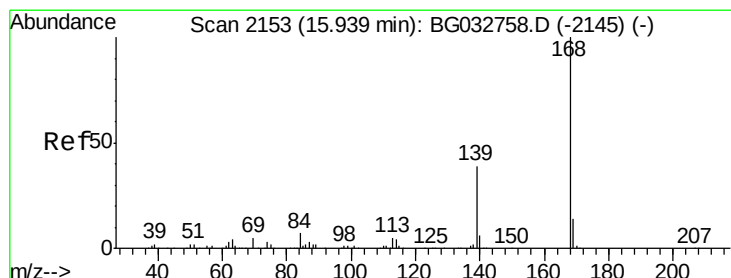
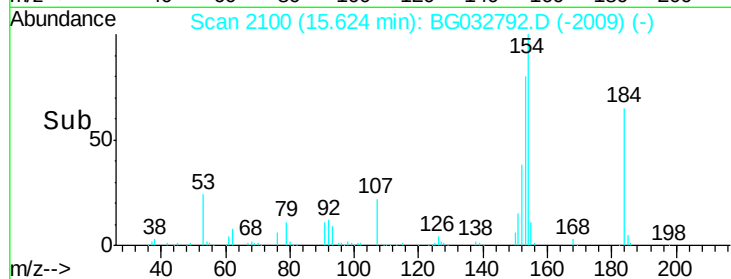
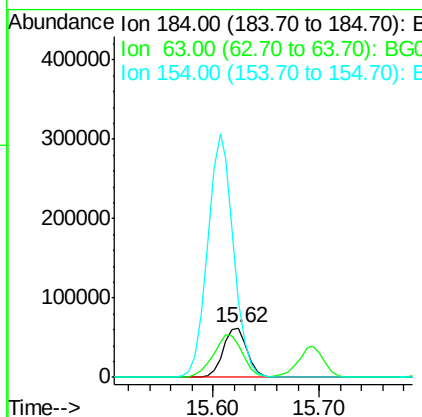
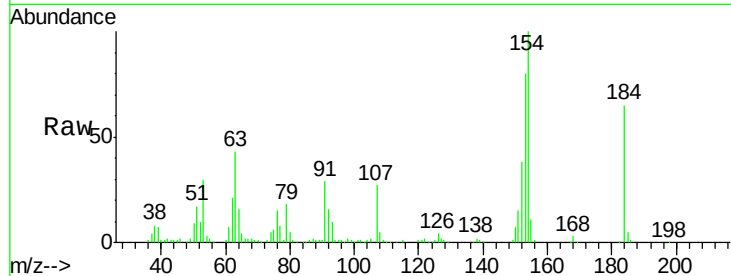




#53
 2,4-Dinitrophenol
 Concen: 114.70 ng
 RT: 15.62 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

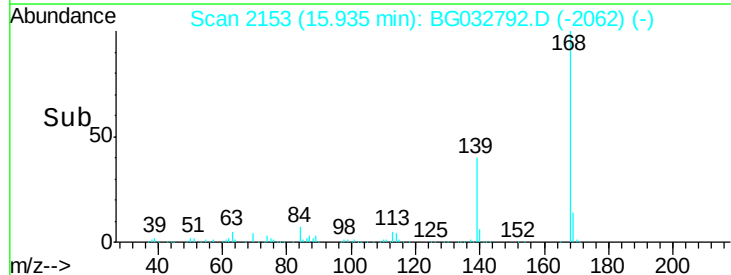
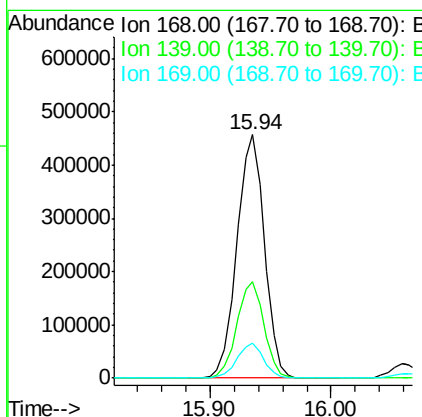
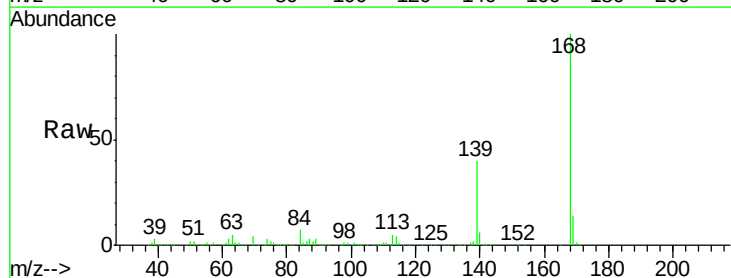
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

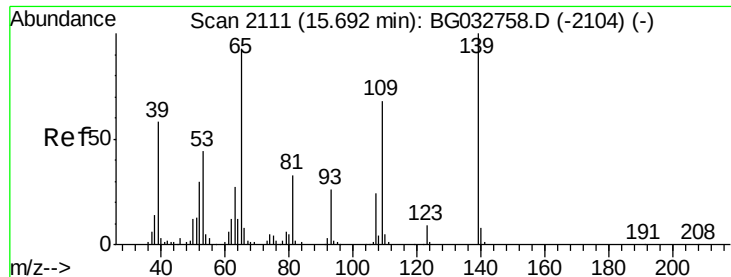
Tot Ion:184 Resp: 99708
 Ion Ratio Lower Upper
 184 100
 63 65.8 59.8 89.8
 154 154.1 101.8 152.8#



#54
 Dibenzofuran
 Concen: 45.52 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion:168 Resp: 725003
 Ion Ratio Lower Upper
 168 100
 139 39.7 28.6 43.0
 169 14.1 11.2 16.8

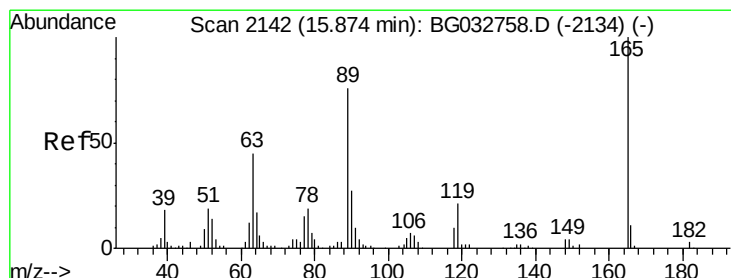
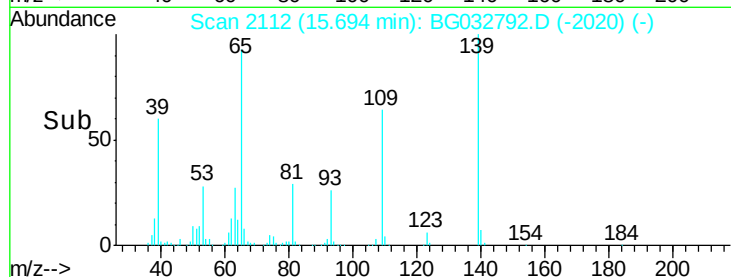
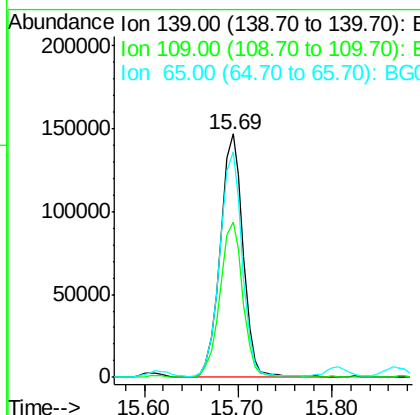
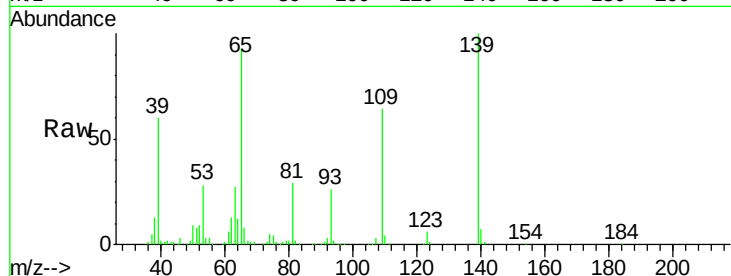




#55
4-Nitrophenol
Concen: 104.19 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

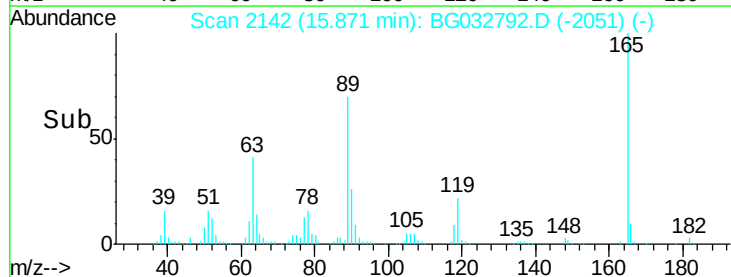
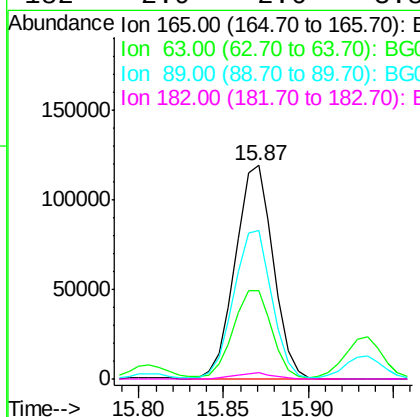
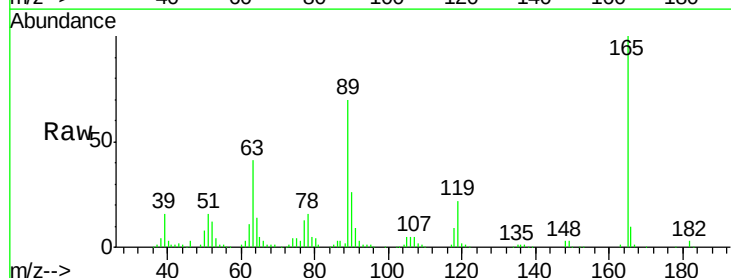
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

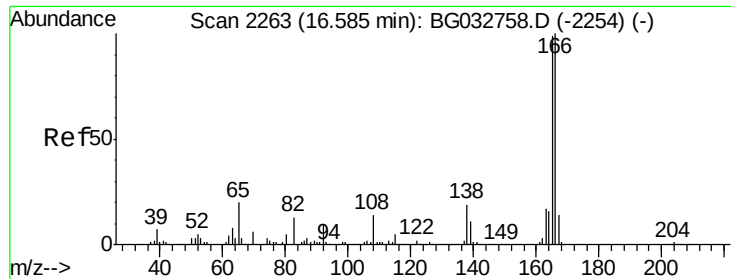
Tot Ion:139 Resp: 248957
Ion Ratio Lower Upper
139 100
109 64.0 62.2 102.2
65 92.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 61.96 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:165 Resp: 185138
Ion Ratio Lower Upper
165 100
63 41.4 42.0 63.0#
89 69.5 66.9 100.3
182 2.9 2.6 3.8

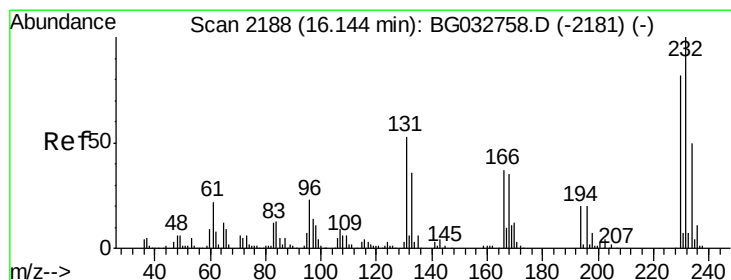
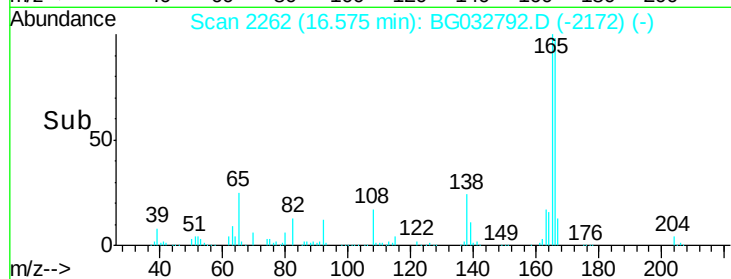
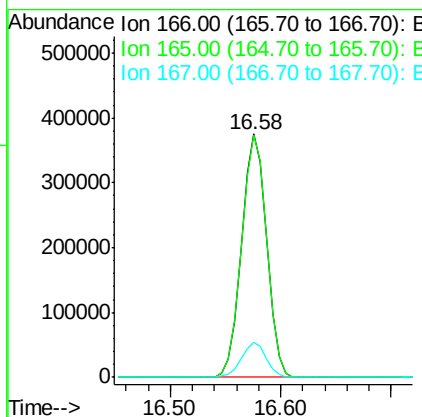
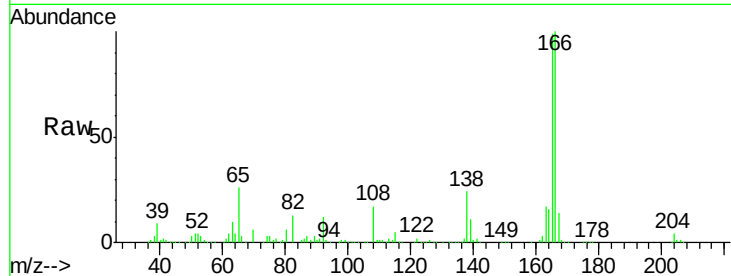




#57
 Fluorene
 Concen: 45.44 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

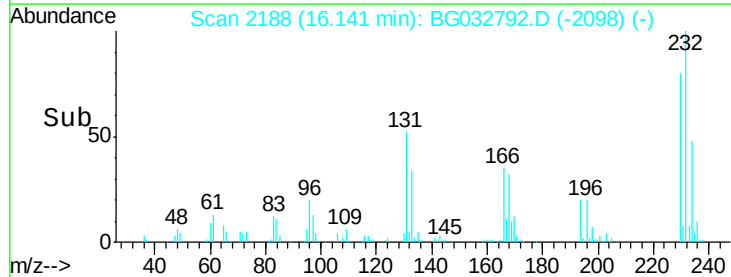
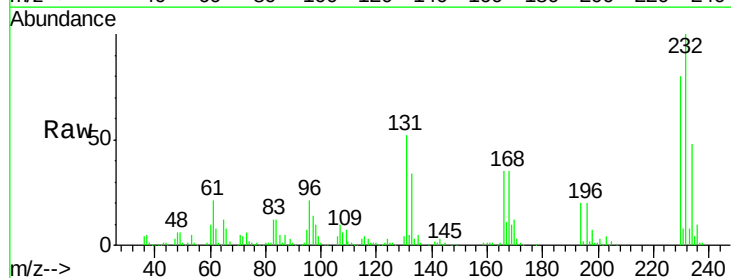
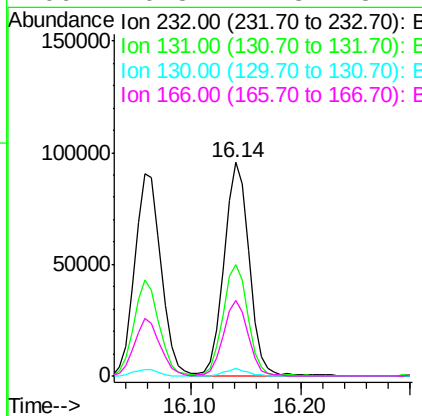
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

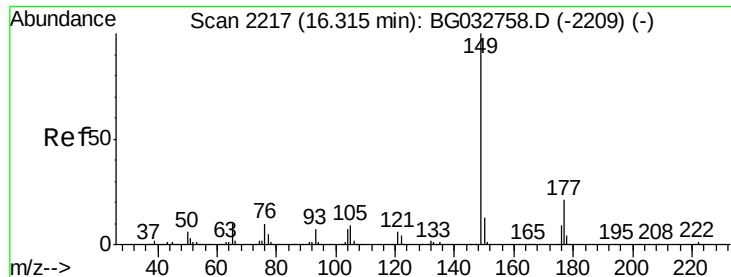
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.6	121.0
167	14.4	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.45 ng m
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.5	50.3
130	2.9	2.2	3.2
166	26.8	24.8	37.2

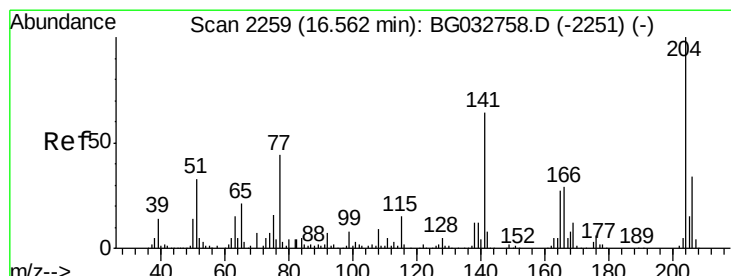
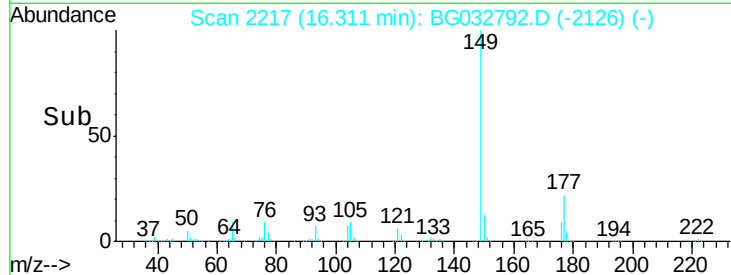
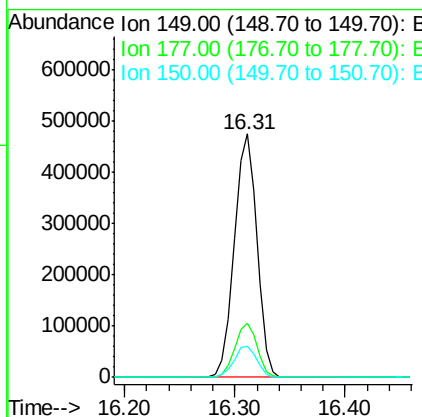
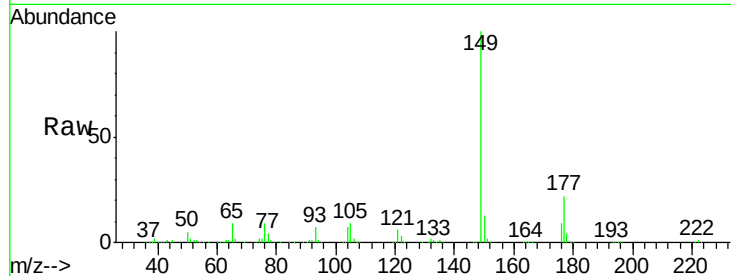




#59
Diethylphthalate
Concen: 45.31 ng
RT: 16.31 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

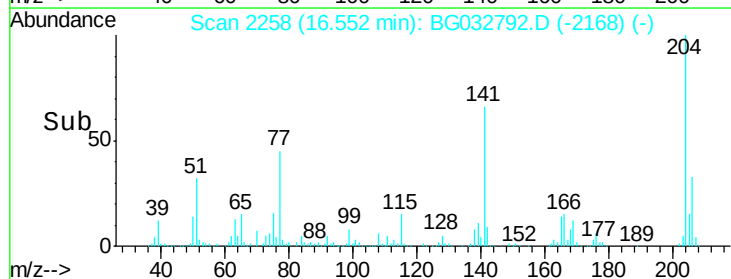
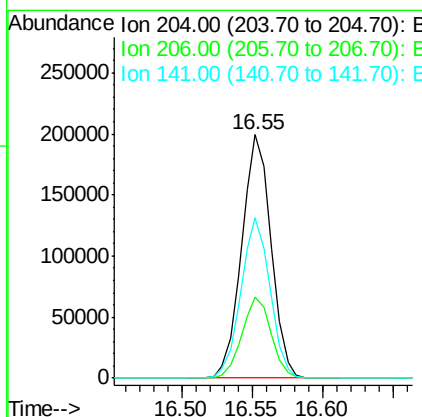
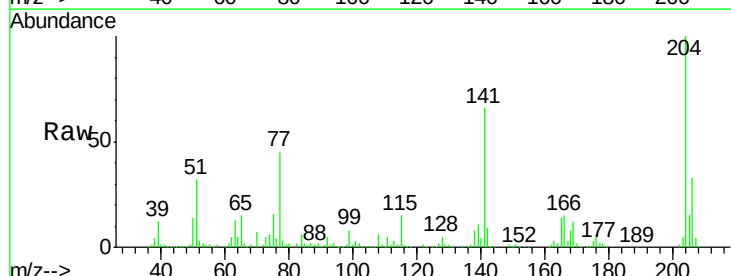
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

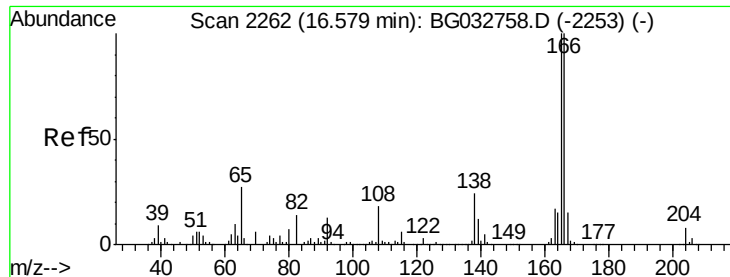
Tot Ion:149 Resp: 681979
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.08 ng
RT: 16.55 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:204 Resp: 289882
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 66.0 45.8 68.6





#61

4-Nitroaniline

Concen: 50.17 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

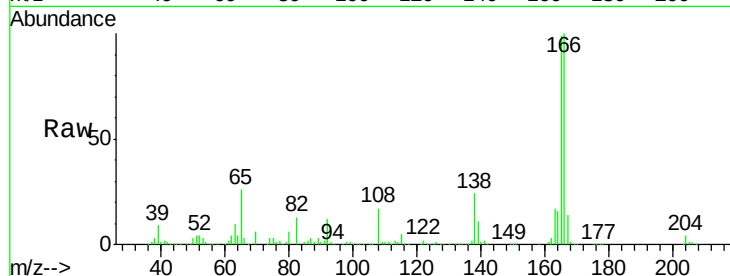
Tot Ion:138 Resp: 155806

Ion Ratio Lower Upper

138 100

92 50.9 40.1 80.1

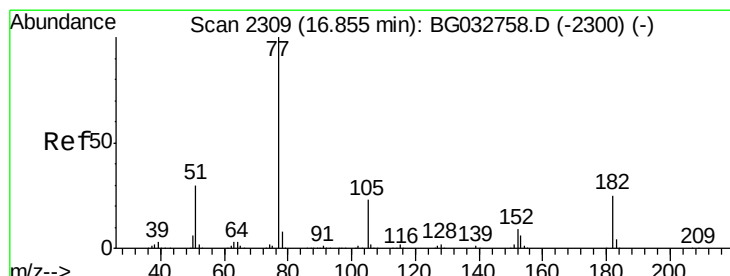
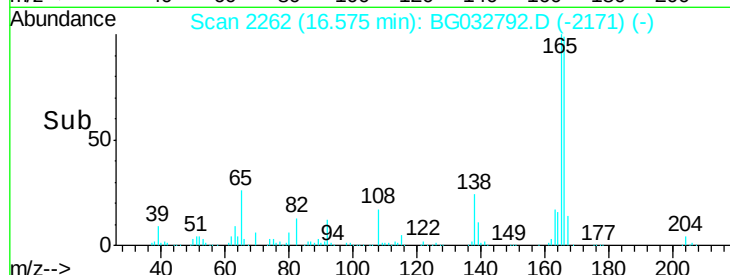
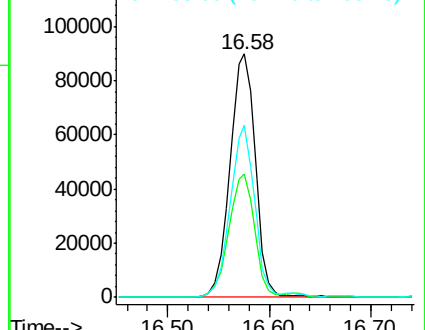
108 70.6 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.38 ng

RT: 16.85 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Tgt Ion: 77 Resp: 611024

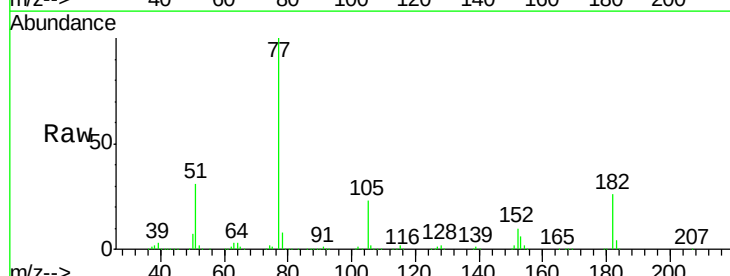
Ion Ratio Lower Upper

77 100

182 26.1 7.4 47.4

105 23.3 0.3 40.3

51 31.3 11.6 51.6

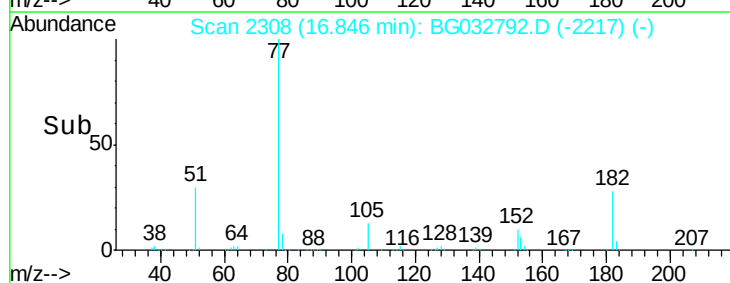
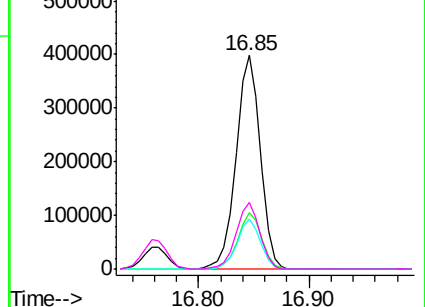


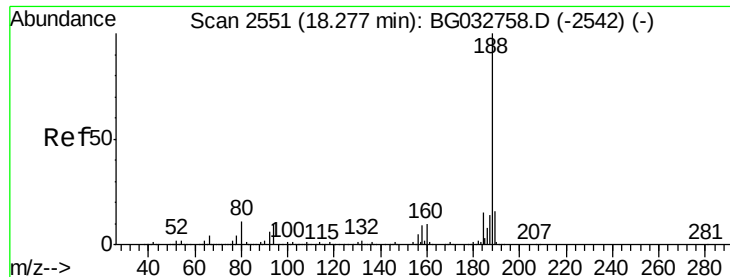
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

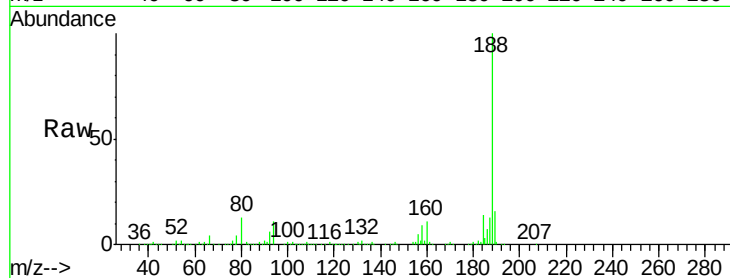
Tot Ion:188 Resp: 390671

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

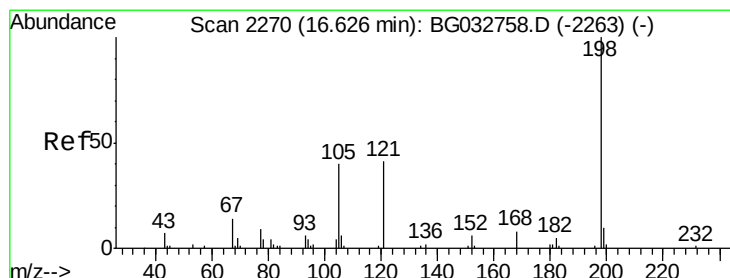
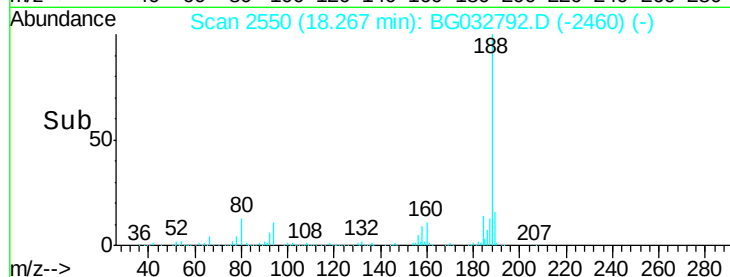
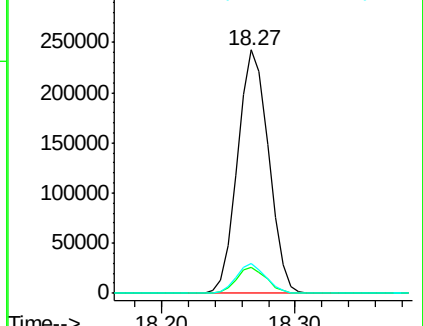
80 12.5 7.7 11.5#



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: 58.37 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

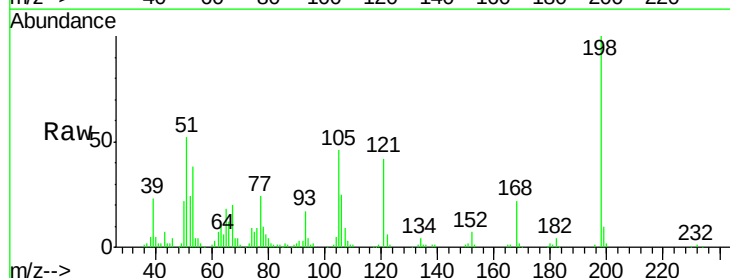
Tgt Ion:198 Resp: 72245

Ion Ratio Lower Upper

198 100

51 51.9 30.6 70.6

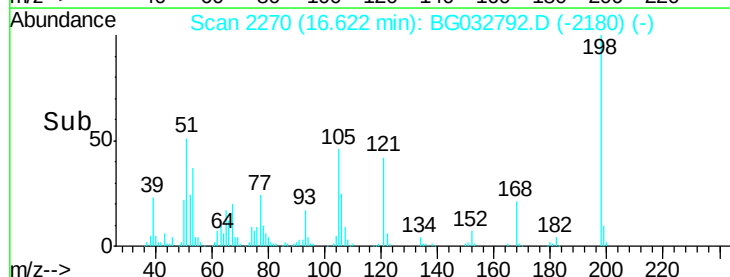
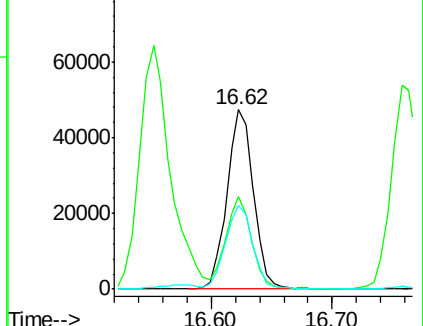
105 46.4 23.8 63.8

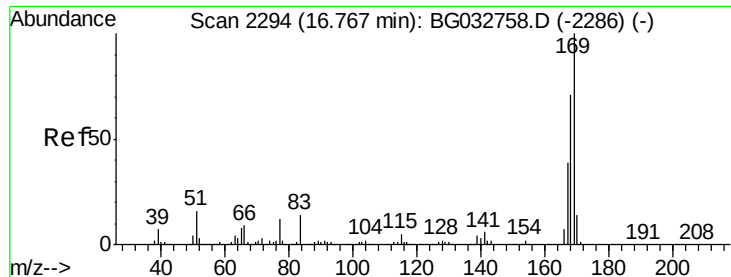


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

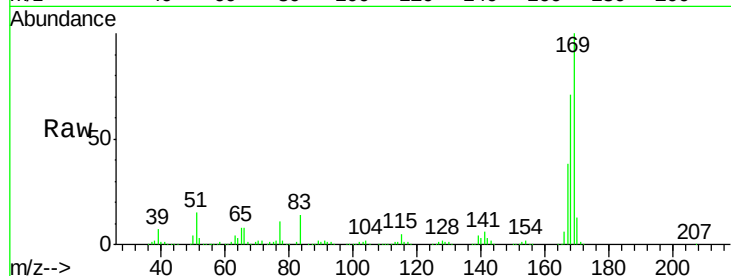




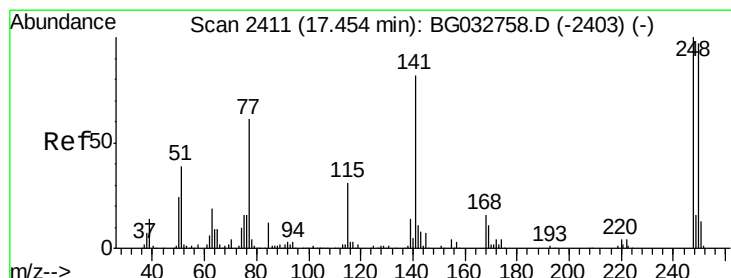
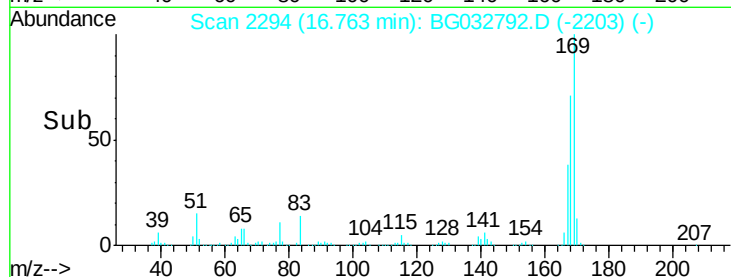
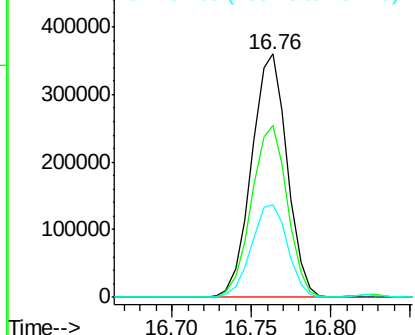
#65
 n-Nitrosodiphenylamine
 Concen: 44.18 ng
 RT: 16.76 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion:169 Resp: 561542
 Ion Ratio Lower Upper
 169 100
 168 70.6 55.7 83.5
 167 38.3 30.1 45.1

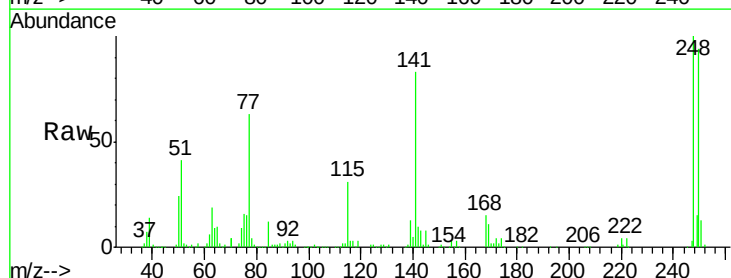


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

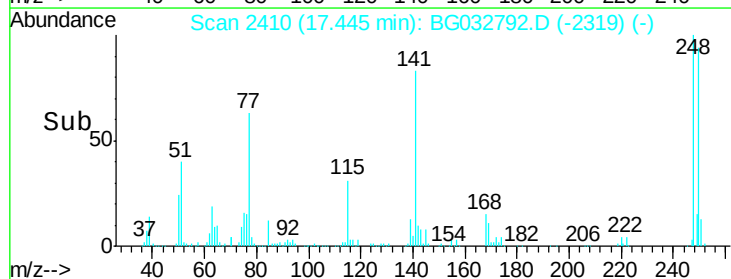
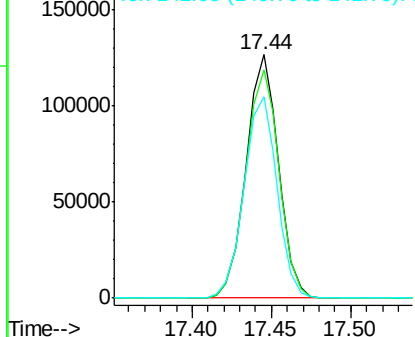


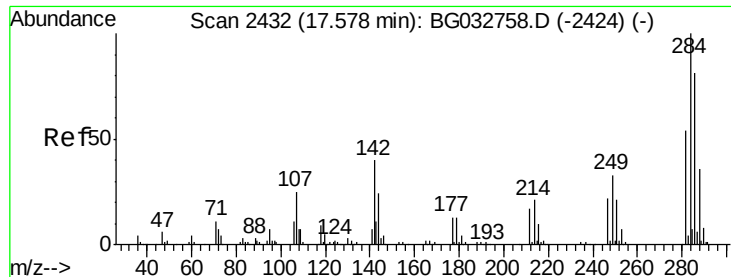
#66
 4-Bromophenyl-phenylether
 Concen: 43.43 ng
 RT: 17.44 min Scan# 2410
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion:248 Resp: 179401
 Ion Ratio Lower Upper
 248 100
 250 93.7 77.1 115.7
 141 82.7 50.8 76.2#



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





#67

Hexachlorobenzene

Concen: 41.66 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

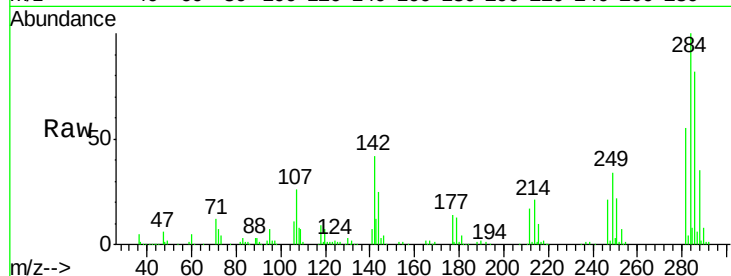
Tot Ion:284 Resp: 185987

Ion Ratio Lower Upper

284 100

142 41.9 26.8 40.2#

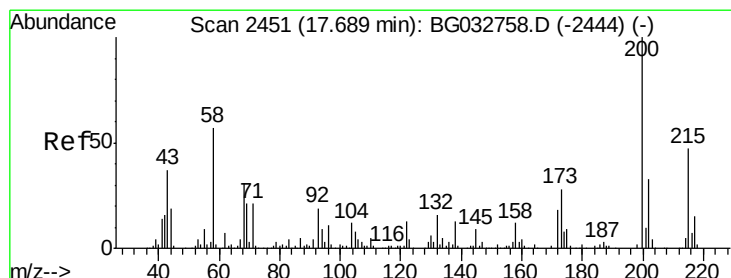
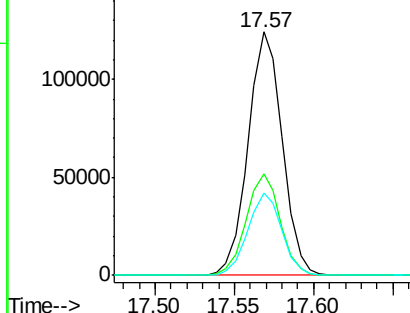
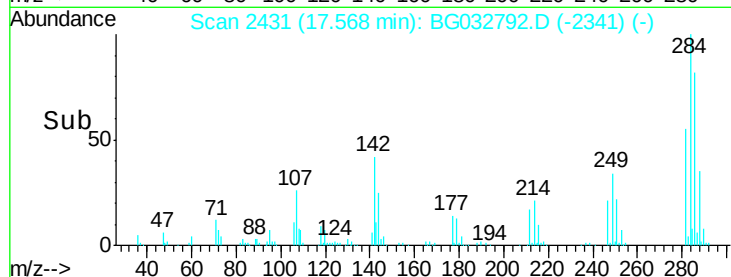
249 34.0 26.3 39.5



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: 46.19 ng

RT: 17.69 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

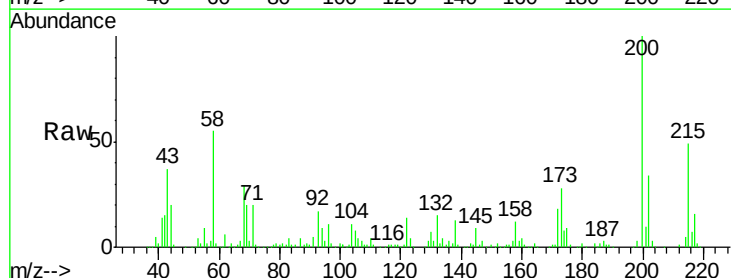
Tgt Ion:200 Resp: 193209

Ion Ratio Lower Upper

200 100

173 28.4 5.2 45.2

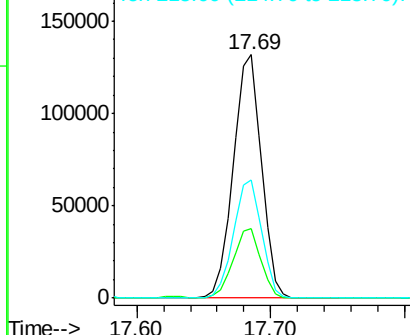
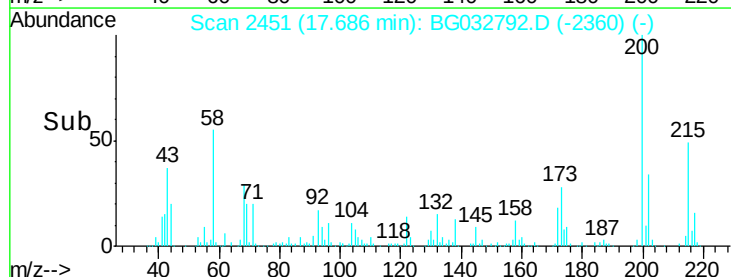
215 48.5 30.4 70.4

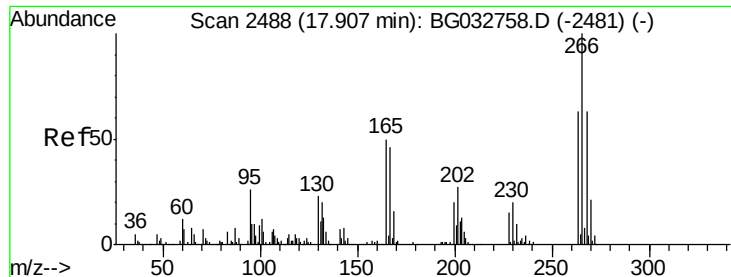


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 91.99 ng

RT: 17.90 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

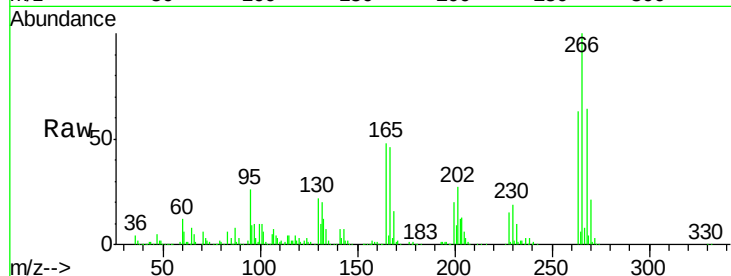
Tot Ion:266 Resp: 258672

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

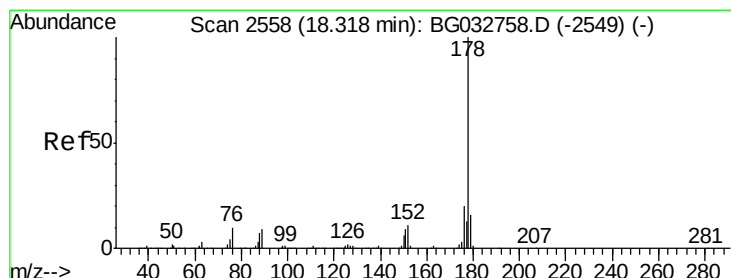
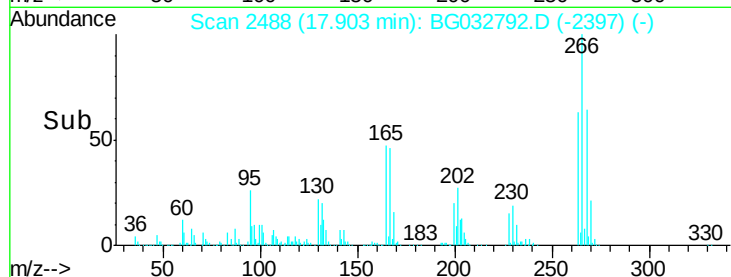
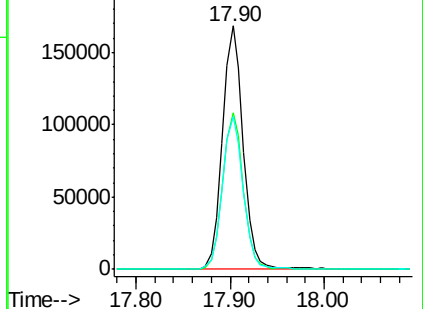
264 62.9 49.6 74.4



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: 45.15 ng

RT: 18.31 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

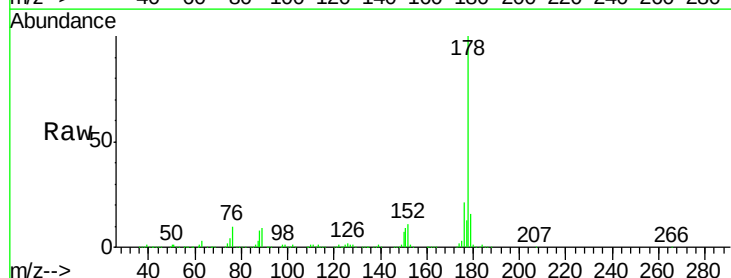
Tgt Ion:178 Resp: 984137

Ion Ratio Lower Upper

178 100

176 20.9 15.7 23.5

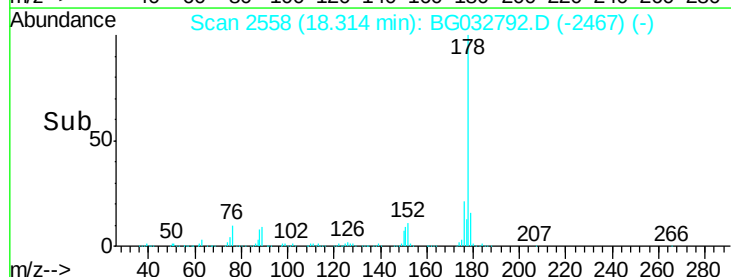
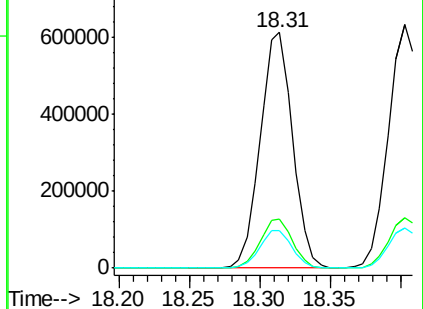
179 16.0 12.5 18.7

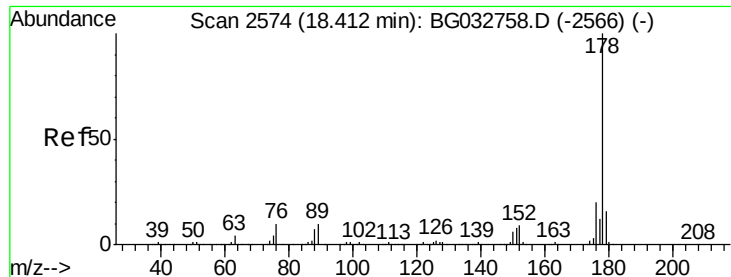


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

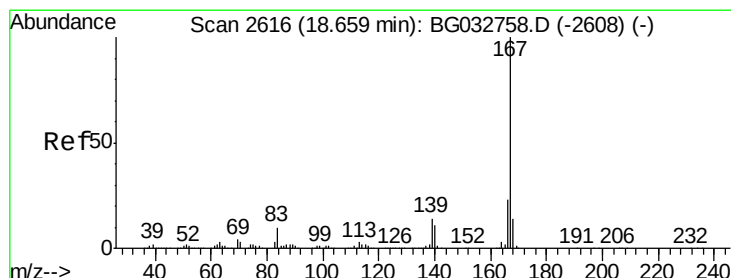
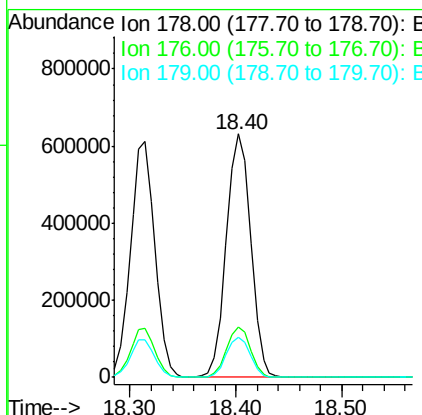
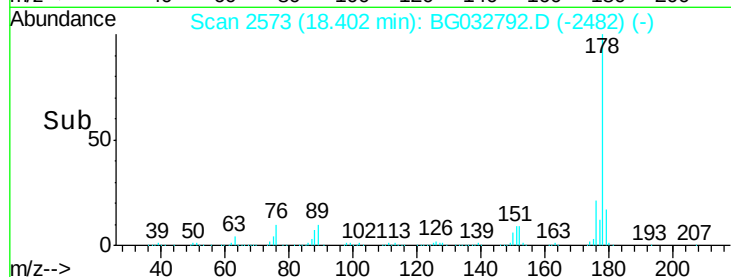
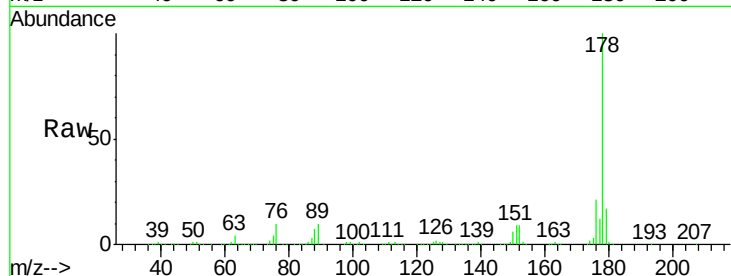




#71
 Anthracene
 Concen: 45.94 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

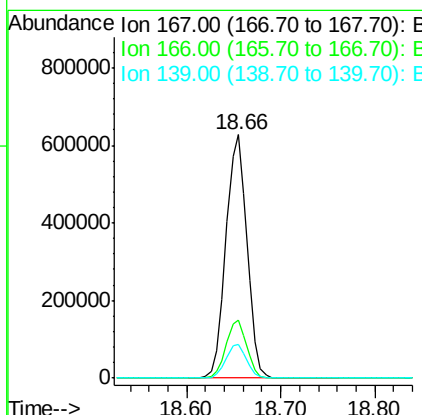
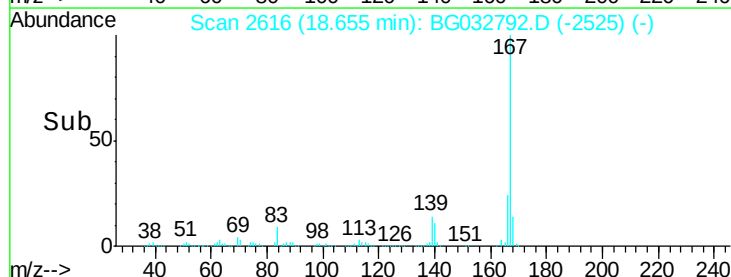
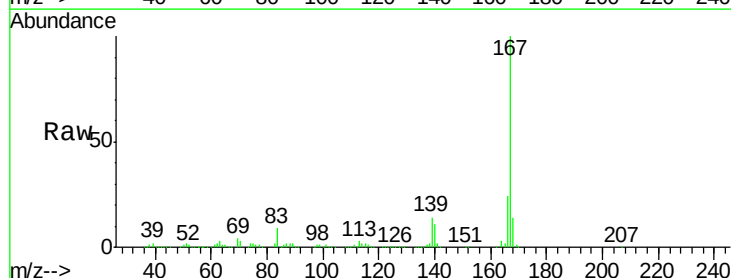
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

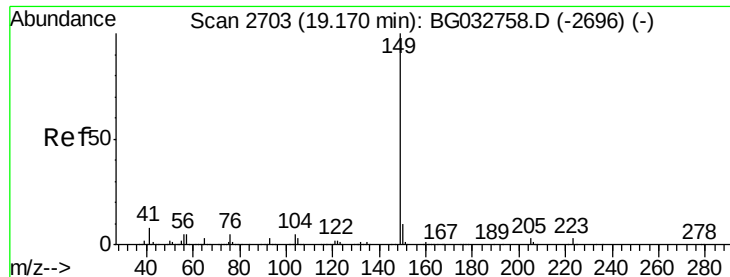
Tot Ion:178 Resp: 1005157
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 45.09 ng
 RT: 18.66 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion:167 Resp: 972417
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.4
 139 14.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.28 ng

RT: 19.16 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

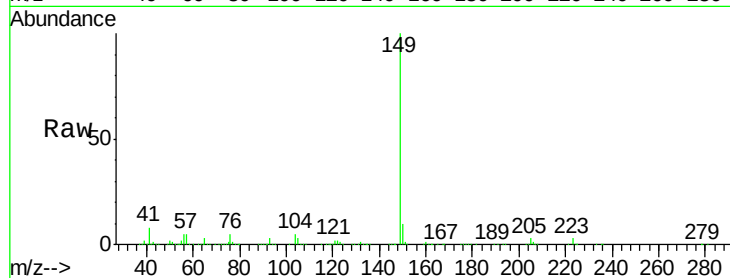
Tot Ion:149 Resp: 1198071

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

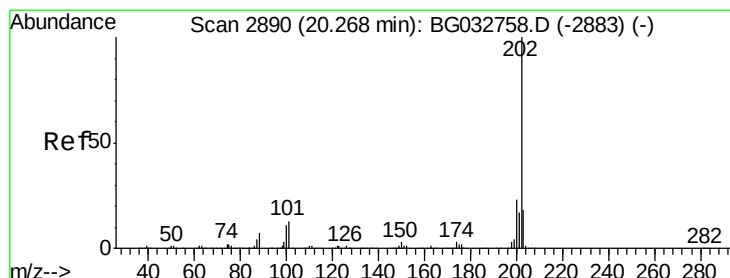
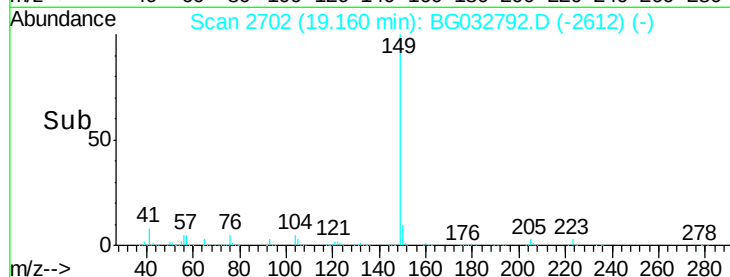
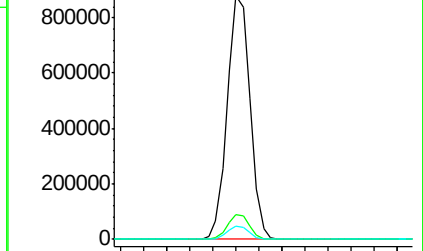
104 5.2 3.9 5.9



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: 47.15 ng

RT: 20.26 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

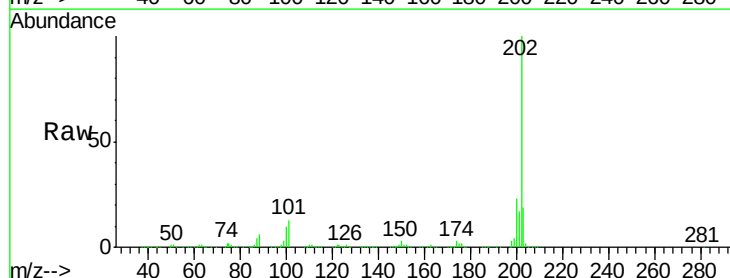
Tgt Ion:202 Resp: 1135188

Ion Ratio Lower Upper

202 100

101 13.1 0.0 28.9

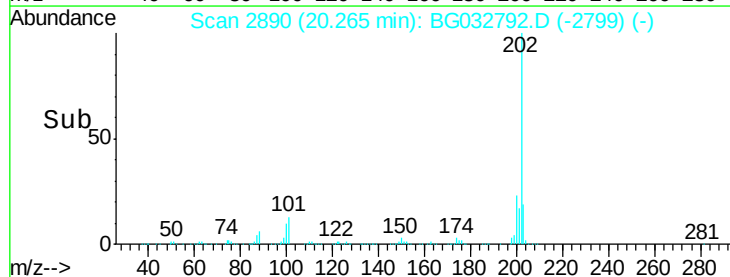
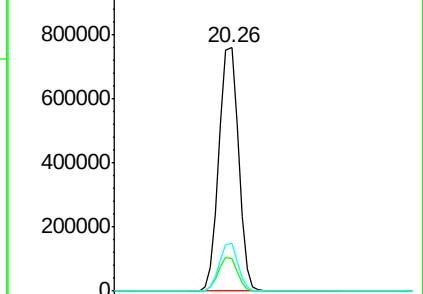
203 19.4 0.0 37.5

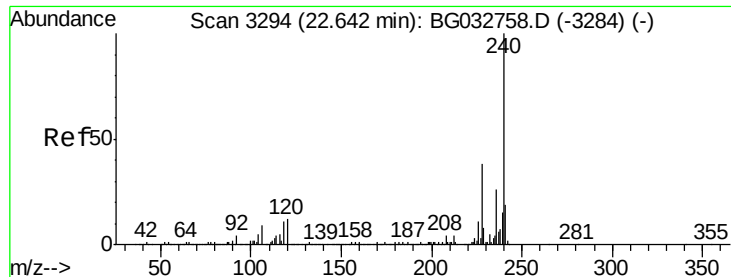


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3293

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

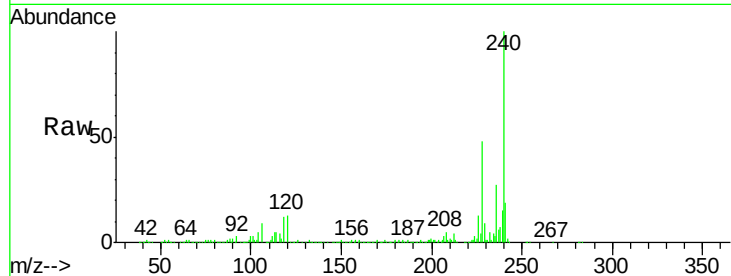
Tot Ion:240 Resp: 390464

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

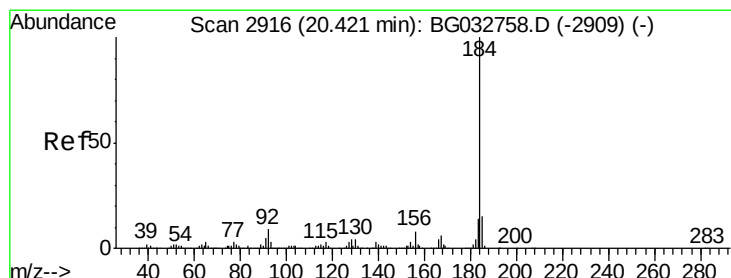
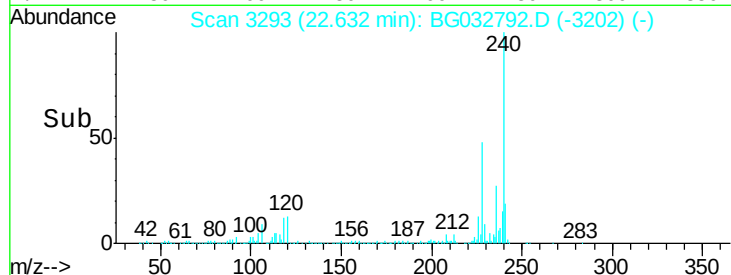
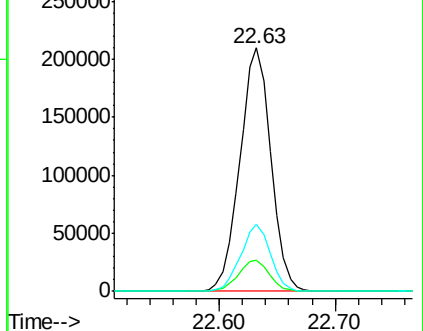
236 27.4 20.9 31.3



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: 5.88 ng

RT: 20.42 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

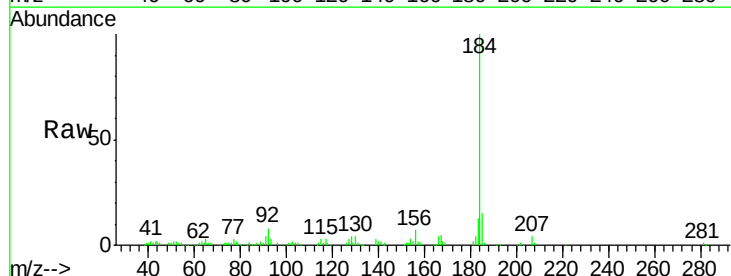
Tgt Ion:184 Resp: 78316

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

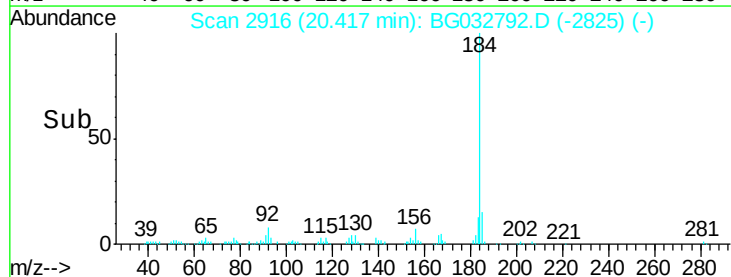
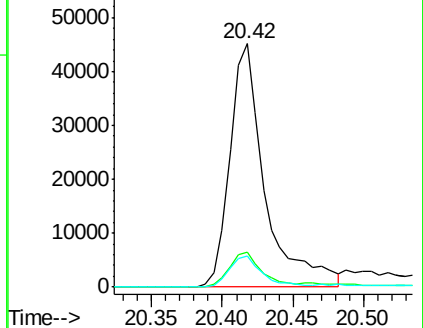
183 12.6 10.6 16.0

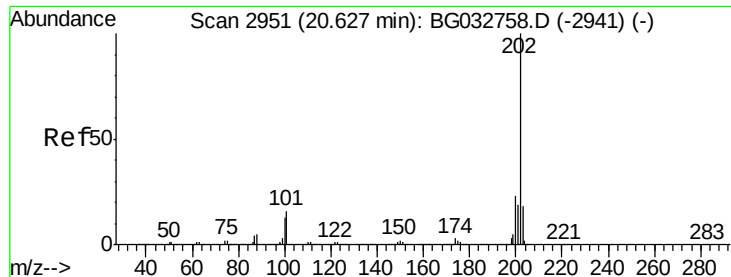


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.59 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

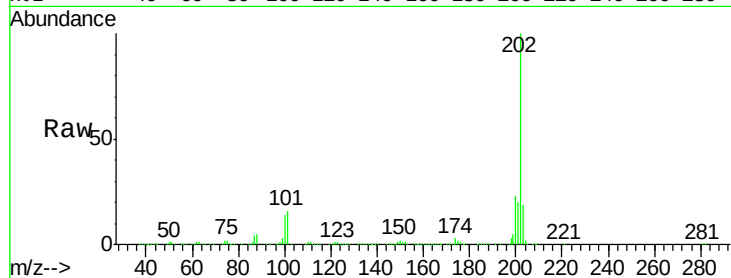
Tot Ion:202 Resp: 1145145

Ion Ratio Lower Upper

202 100

200 22.9 16.9 25.3

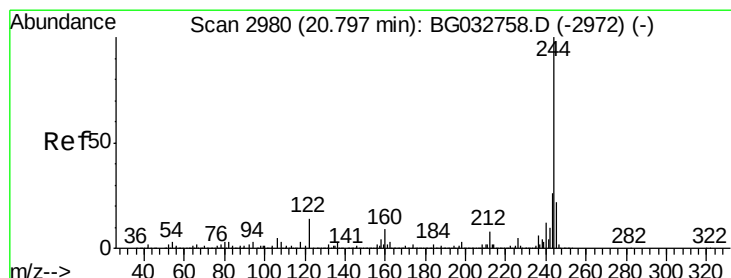
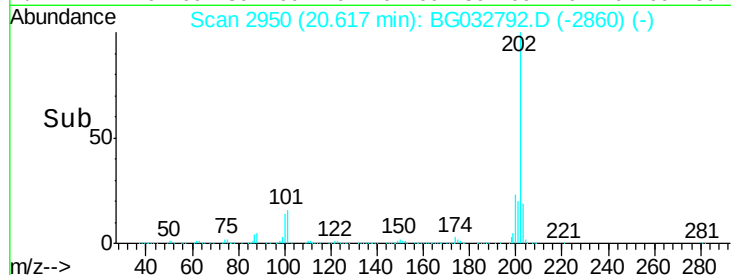
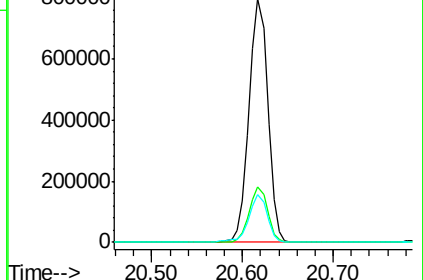
203 19.4 13.9 20.9



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: 92.89 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

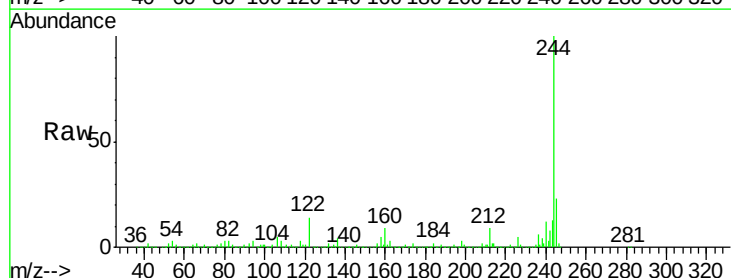
Tgt Ion:244 Resp: 1614374

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

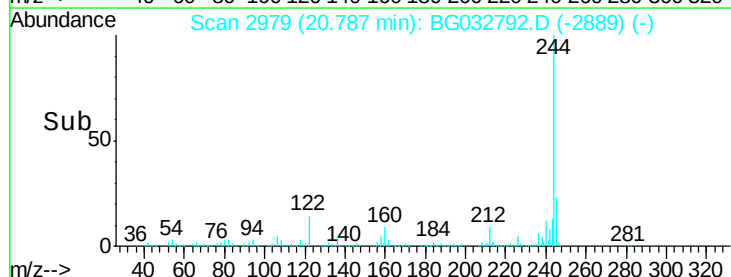
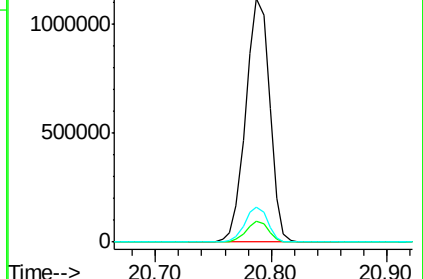
122 14.5 7.0 10.4#

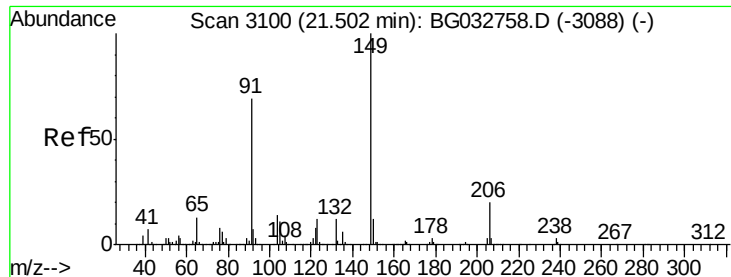


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.86 ng

RT: 21.49 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

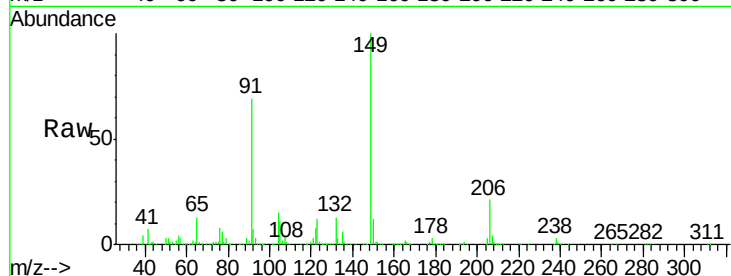
Tot Ion:149 Resp: 584334

Ion Ratio Lower Upper

149 100

91 68.5 62.2 93.2

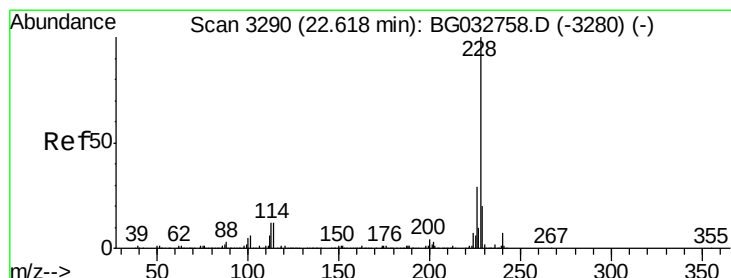
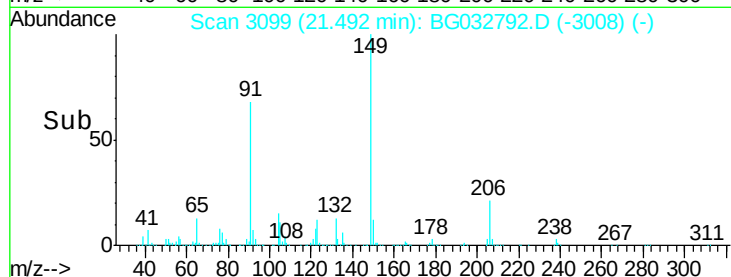
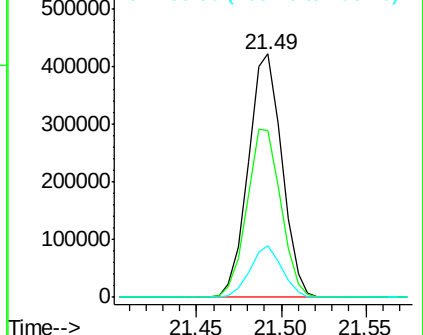
206 21.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.53 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

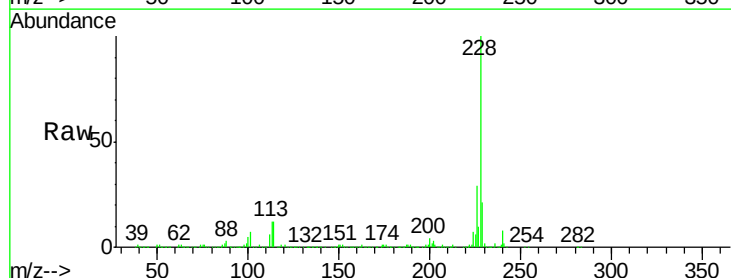
Tgt Ion:228 Resp: 1139960

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

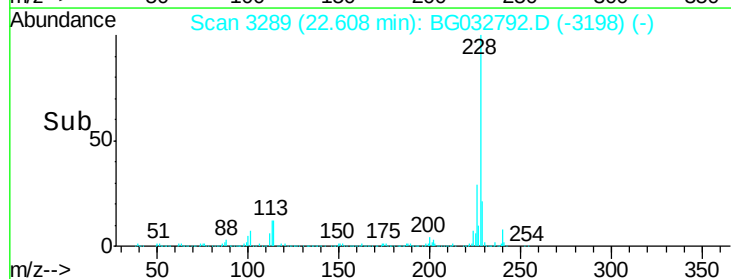
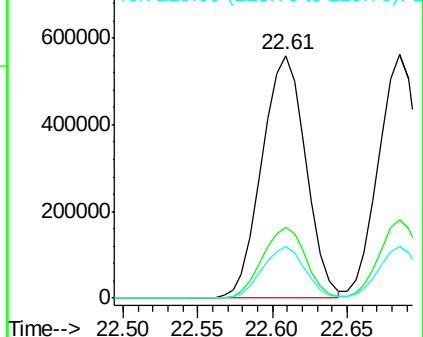
229 21.1 16.2 24.2

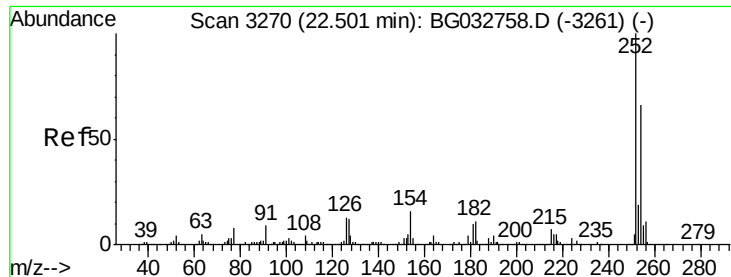


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

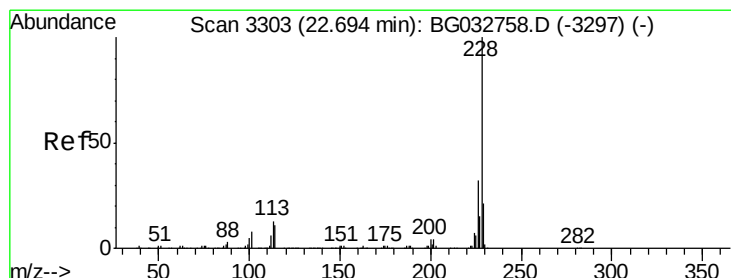
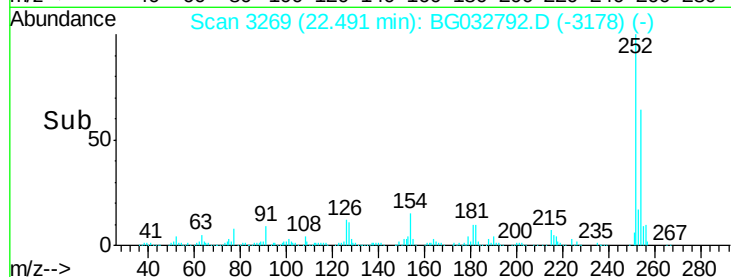
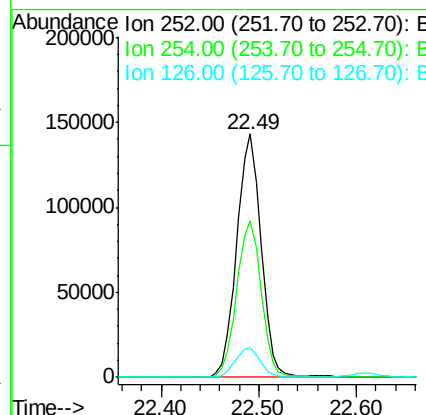
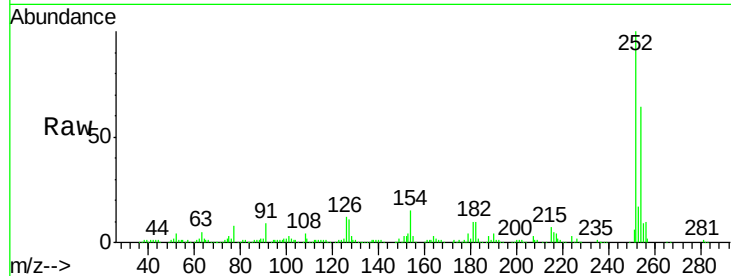




#81
 3,3'-Dichlorobenzidine
 Concen: 26.91 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

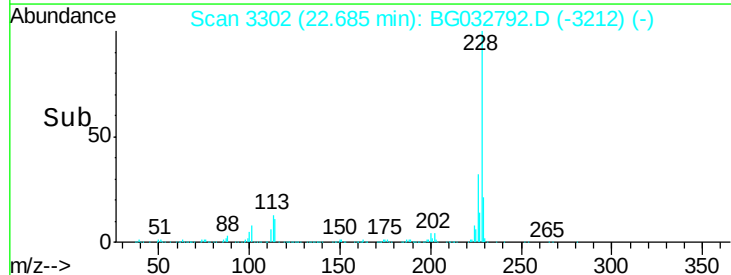
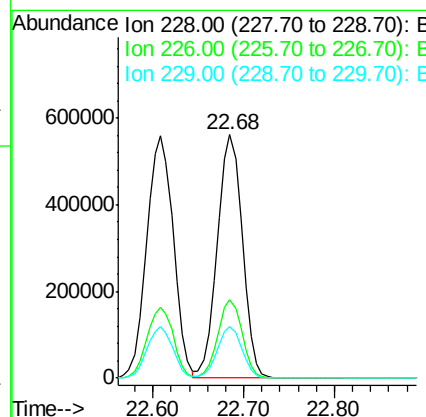
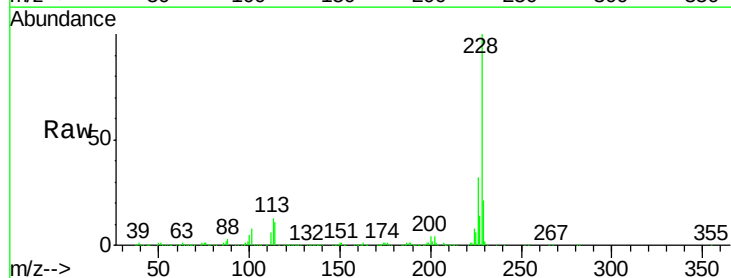
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

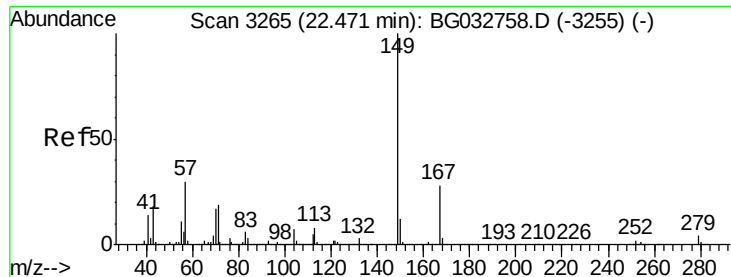
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	12.1	7.4	11.2



#82
 Chrysene
 Concen: 45.01 ng
 RT: 22.68 min Scan# 3302
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.0	15.0	22.4

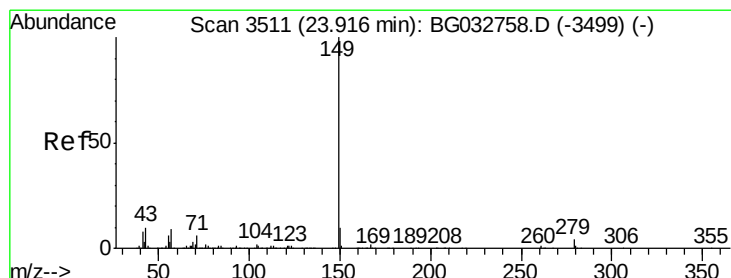
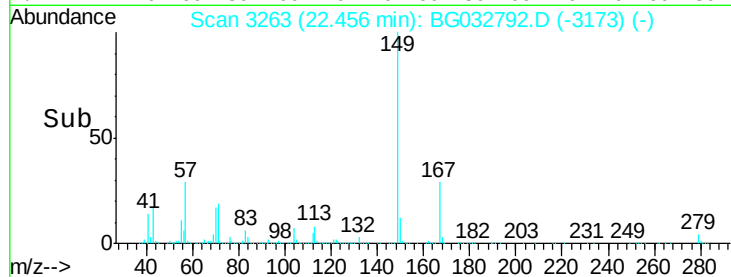
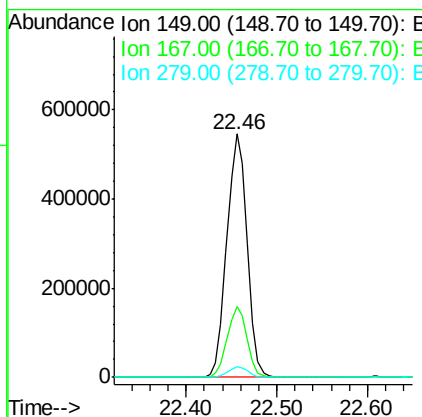
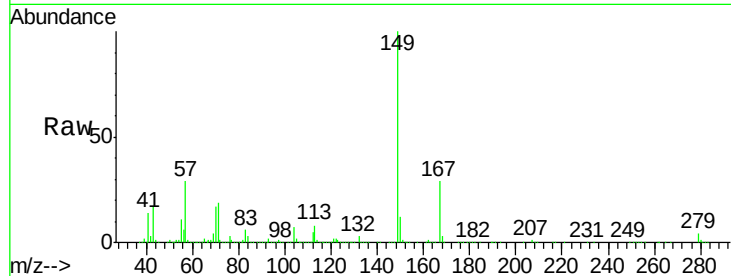




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.74 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

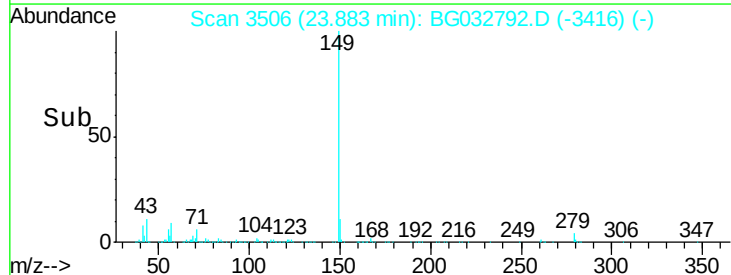
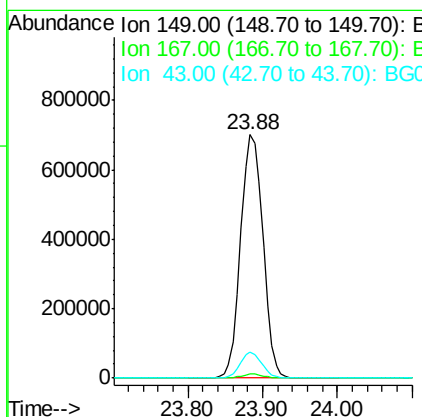
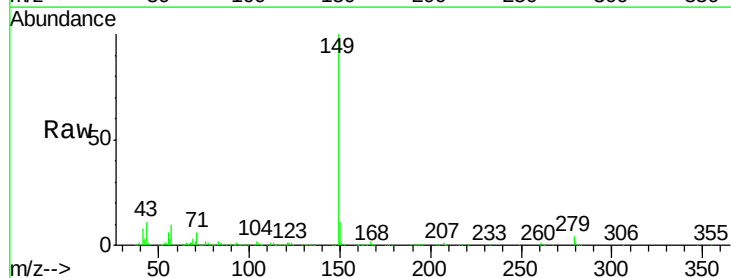
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

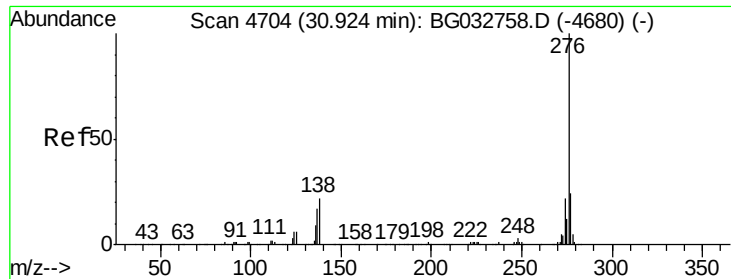
Tot Ion:149 Resp: 844594
 Ion Ratio Lower Upper
 149 100
 167 29.1 24.3 36.5
 279 4.2 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 52.97 ng
 RT: 23.88 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: BG032792.D
 Acq: 23 Feb 2018 16:25

Tgt Ion:149 Resp: 1458958
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.2 8.9 13.3

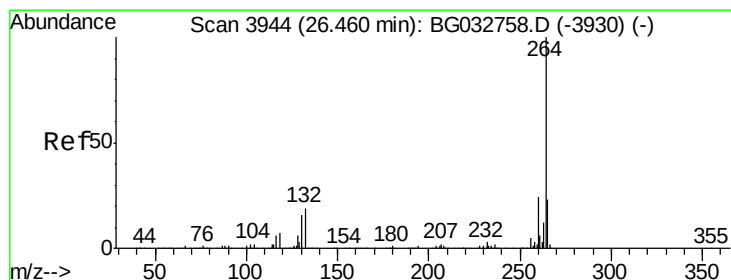
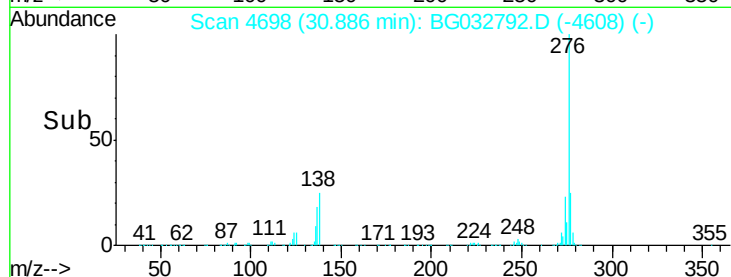
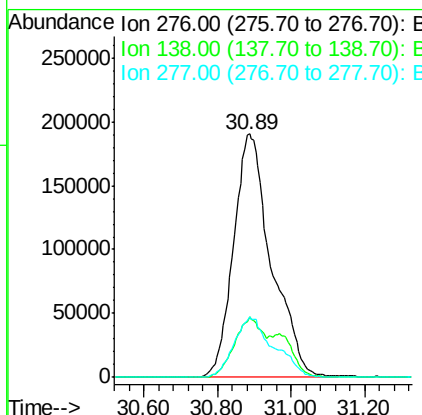
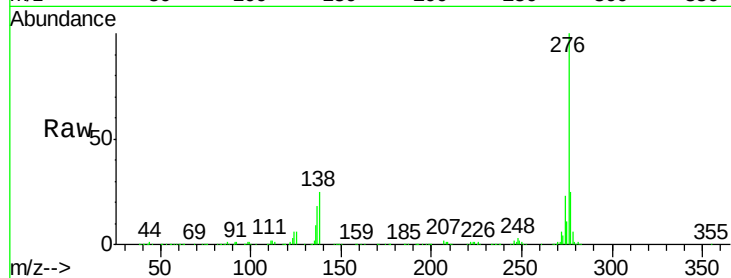




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.74 ng
RT: 30.89 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

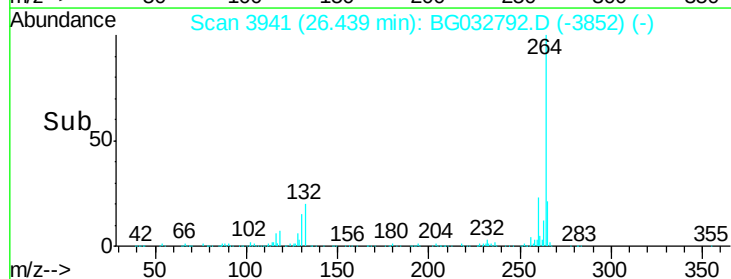
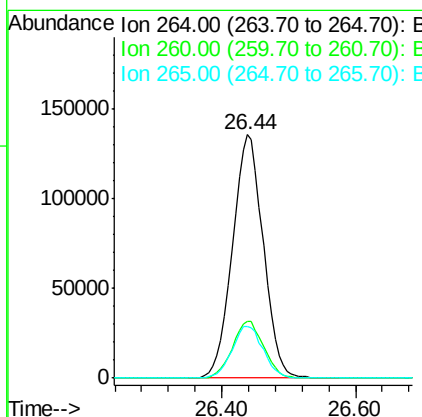
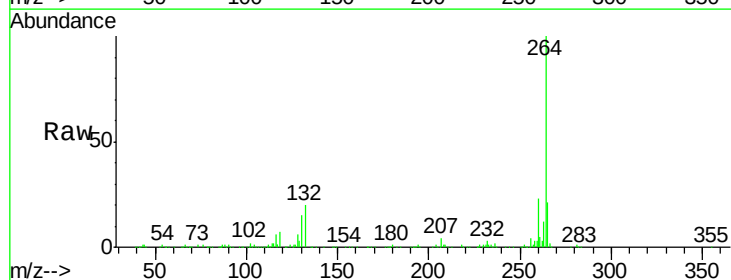
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

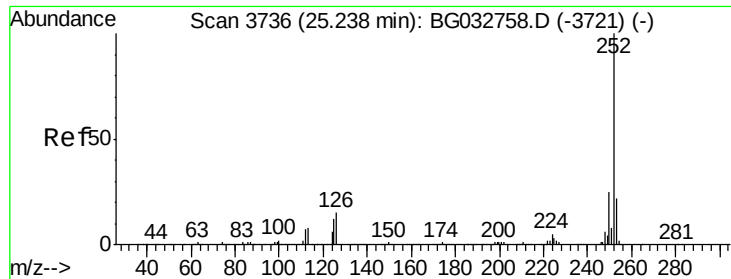
Tot Ion:276 Resp: 1359593
Ion Ratio Lower Upper
276 100
138 18.4 16.0 24.0
277 26.1 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.01 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:264 Resp: 432959
Ion Ratio Lower Upper
264 100
260 23.1 17.4 26.0
265 21.4 17.7 26.5

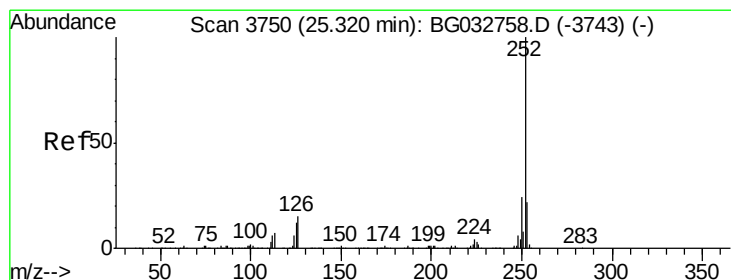
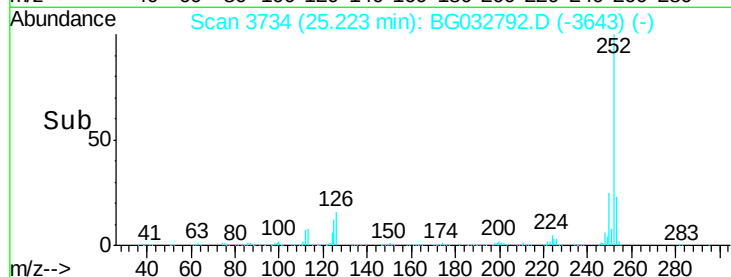
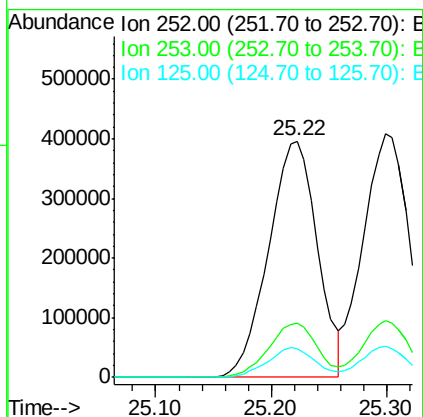
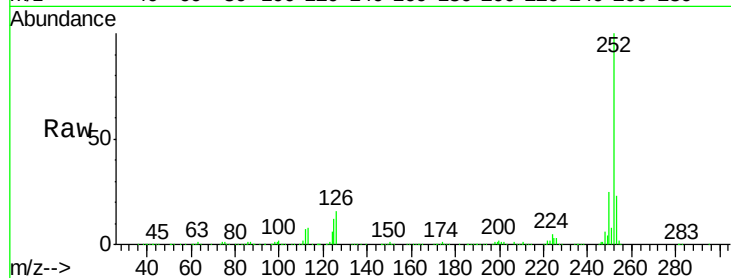




#87
Benzo(b)fluoranthene
Concen: 45.52 ng
RT: 25.22 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

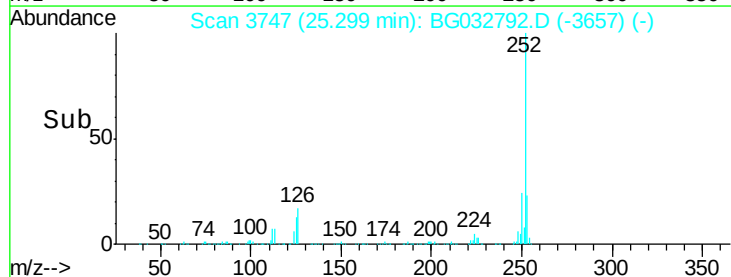
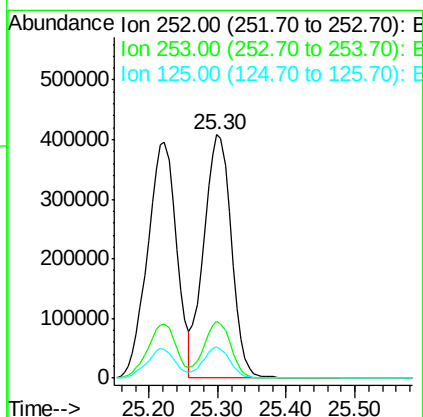
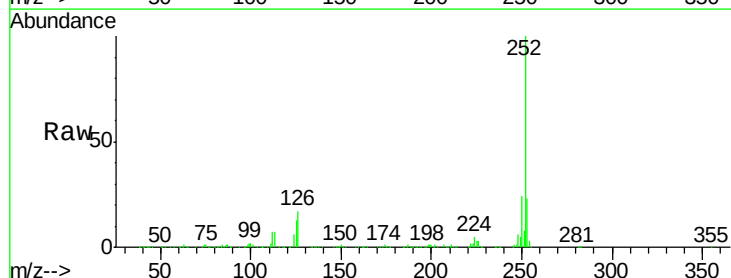
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

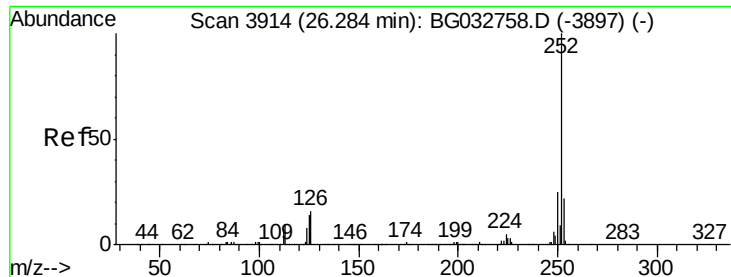
Tot Ion:252 Resp: 1165260
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 44.81 ng
RT: 25.30 min Scan# 3747
Delta R.T. -0.00 min
Lab File: BG032792.D
Acq: 23 Feb 2018 16:25

Tgt Ion:252 Resp: 1139983
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 12.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.73 ng

RT: 26.26 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

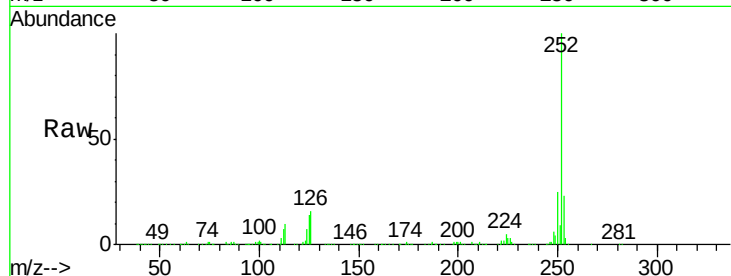
Tot Ion:252 Resp: 1137692

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

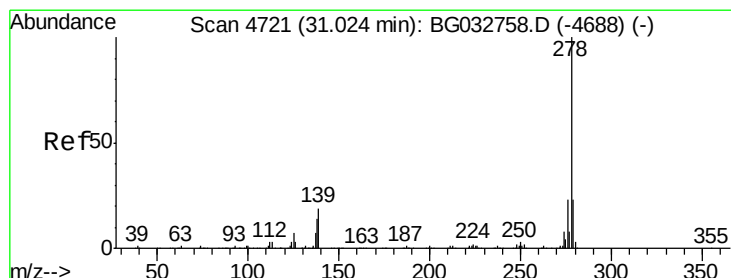
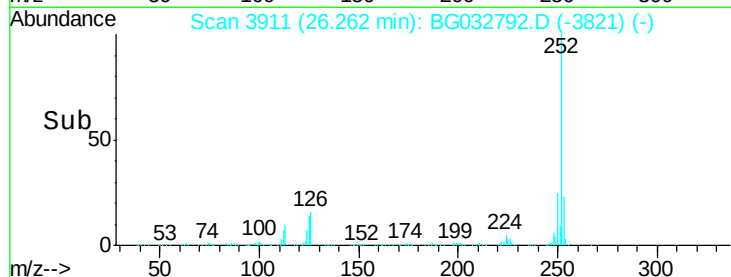
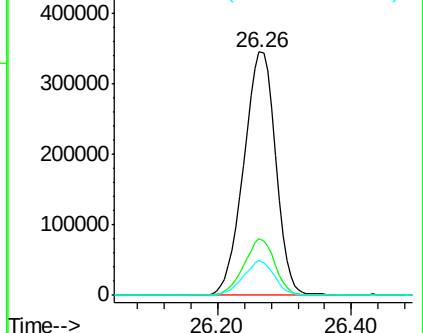
125 14.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.68 ng

RT: 30.97 min Scan# 4713

Delta R.T. -0.00 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

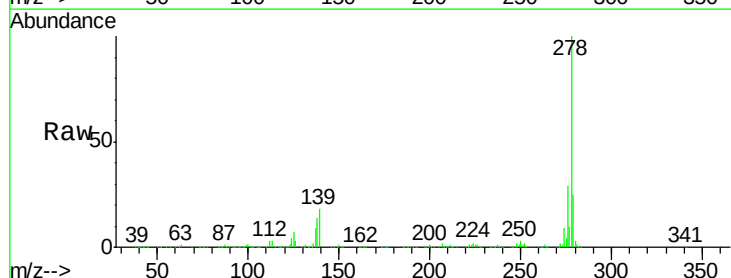
Tgt Ion:278 Resp: 1144118

Ion Ratio Lower Upper

278 100

139 18.4 9.8 14.6#

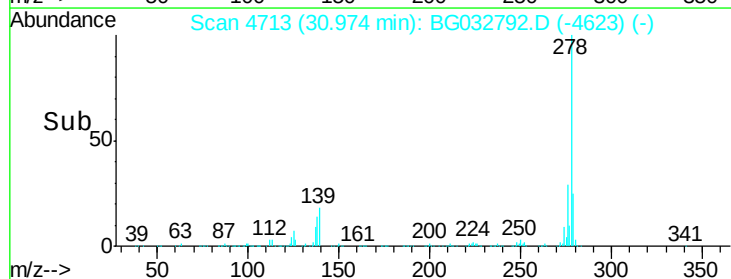
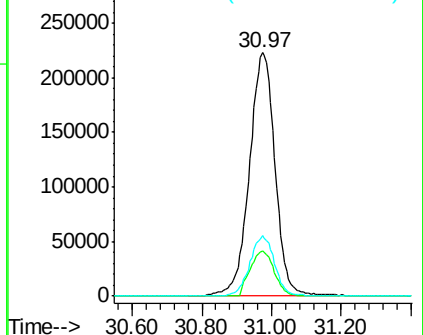
279 24.8 18.4 27.6

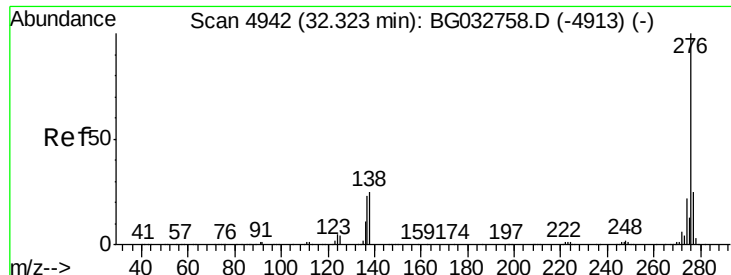


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.86 ng

RT: 32.28 min Scan# 4935

Delta R.T. -0.01 min

Lab File: BG032792.D

Acq: 23 Feb 2018 16:25

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

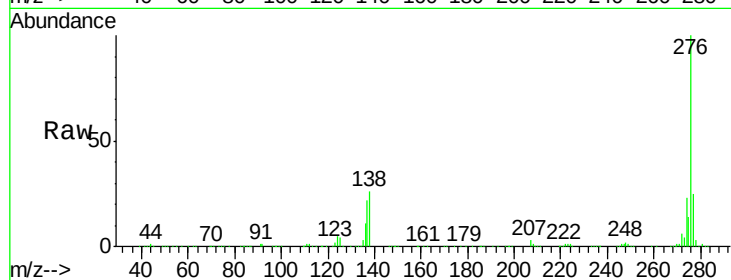
Tot Ion:276 Resp: 1132045

Ion Ratio Lower Upper

276 100

277 24.9 18.3 27.5

138 26.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

