

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032793.D
 Acq On : 23 Feb 2018 17:03
 Operator : SJ/JU
 Sample : J1398-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Quant Time: Feb 23 17:56:03 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	66869	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	299210	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179636	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	421028	20.00	ng	0.00
75) Chrysene-d12	22.63	240	403516	20.00	ng	0.00
86) Perylene-d12	26.44	264	442052	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	580843	138.97	ng	0.00
7) Phenol-d6	8.02	99	735863	126.31	ng	0.00
23) Nitrobenzene-d5	10.13	82	463611	104.90	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	304003	160.95	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1050519	84.34	ng	0.00
78) Terphenyl-d14	20.79	244	1648415	91.78	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.97	88	65034	35.85	ng	88
3) Pyridine	4.44	79	150932	30.19	ng	92
4) n-Nitrosodimethylamine	4.33	42	92129	45.96	ng	# 90
6) Aniline	8.22	93	136288	17.28	ng	95
8) 2-Chlorophenol	8.47	128	214905	46.97	ng	93
9) Benzaldehyde	8.02	77	123433	36.76	ng	90
10) Phenol	8.05	94	246176	41.92	ng	90
11) bis(2-Chloroethyl)ether	8.31	93	201956	42.05	ng	92
12) 1,3-Dichlorobenzene	8.81	146	202239	37.74	ng	97
13) 1,4-Dichlorobenzene	8.96	146	204182	37.86	ng	95
14) 1,2-Dichlorobenzene	9.30	146	198066	38.32	ng	99
15) Benzyl Alcohol	9.16	79	190265	44.42	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.46	45	318879	38.63	ng	95
17) 2-Methylphenol	9.36	107	186178	42.99	ng	96
18) Hexachloroethane	10.05	117	71468	38.92	ng	# 85
19) n-Nitroso-di-n-propylamine	9.74	70	166334	40.44	ng	# 96
20) 3+4-Methylphenols	9.68	107	254782	42.31	ng	92
22) Acetophenone	9.77	105	313252	41.45	ng	# 94
24) Nitrobenzene	10.17	77	223574	47.01	ng	# 88
25) Isophorone	10.69	82	469219	44.68	ng	# 93
26) 2-Nitrophenol	10.89	139	104897	57.93	ng	90
27) 2,4-Dimethylphenol	10.92	122	236864	51.92	ng	91
28) bis(2-Chloroethoxy)methane	11.17	93	278725	45.56	ng	96
29) 2,4-Dichlorophenol	11.44	162	203618	49.18	ng	93
30) 1,2,4-Trichlorobenzene	11.66	180	191738	39.50	ng	97
31) Naphthalene	11.86	128	670550	42.89	ng	99
32) Benzoic acid	11.04	122	128869	46.16	ng	# 82
33) 4-Chloroaniline	11.95	127	101606	14.53	ng	96
34) Hexachlorobutadiene	12.13	225	100169	36.79	ng	98
35) Caprolactam	12.69	113	72863	43.95	ng	87
36) 4-Chloro-3-methylphenol	13.01	107	247916	51.45	ng	92
37) 2-Methylnaphthalene	13.41	142	489429	43.27	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	201680	37.82	ng	# 97
40) Hexachlorocyclopentadiene	13.74	237	213068	78.40	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

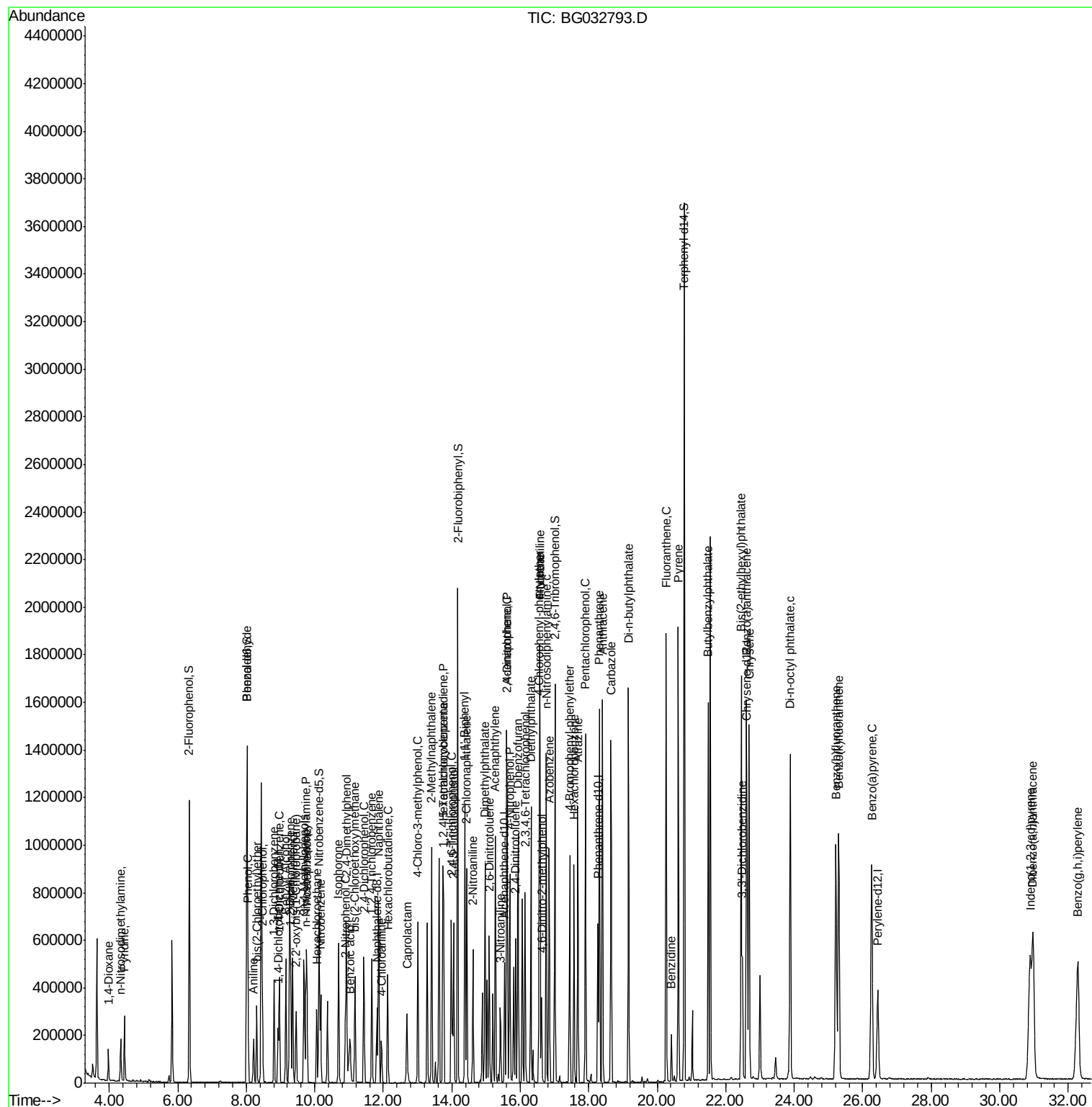
42) 2,4,6-Trichlorophenol	13.98	196	160945	47.86	nq	96
43) 2,4,5-Trichlorophenol	14.06	196	178094	45.76	nq #	97
45) 1,1'-Biphenyl	14.38	154	620544	39.53	nq	94
46) 2-Chloronaphthalene	14.44	162	470557	40.13	nq	96
47) 2-Nitroaniline	14.62	65	161669	53.30	nq #	86
48) Acenaphthylene	15.27	152	793800	41.35	nq	98
49) Dimethylphthalate	14.97	163	647545	42.45	nq	99
50) 2,6-Dinitrotoluene	15.09	165	138641	53.63	nq	88
51) Acenaphthene	15.61	154	541300	45.27	nq	98
52) 3-Nitroaniline	15.42	138	87026	31.03	nq #	83
53) 2,4-Dinitrophenol	15.62	184	113120	119.46	nq #	17
54) Dibenzofuran	15.93	168	747264	43.89	nq	95
55) 4-Nitrophenol	15.69	139	249724	98.21	nq #	78
56) 2,4-Dinitrotoluene	15.87	165	193145	60.85	nq	85
57) Fluorene	16.58	166	613307	43.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	159764m	52.87	nq	
59) Diethylphthalate	16.31	149	699600	43.49	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	300658	43.74	nq	93
61) 4-Nitroaniline	16.58	138	153067	46.54	nq	82
62) Azobenzene	16.85	77	634008	44.05	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	78537	58.72	nq	98
65) n-Nitrosodiphenylamine	16.76	169	574168	41.92	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	184518	41.45	nq #	88
67) Hexachlorobenzene	17.57	284	193911	40.31	nq #	94
68) Atrazine	17.68	200	200902	44.56	nq	96
69) Pentachlorophenol	17.90	266	264533	87.29	nq	99
70) Phenanthrene	18.31	178	995749	42.39	nq	97
71) Anthracene	18.40	178	1015302	43.05	nq	97
72) Carbazole	18.65	167	972973	41.86	nq	97
73) Di-n-butylphthalate	19.16	149	1196153	41.95	nq	98
74) Fluoranthene	20.26	202	1124499	43.34	nq	93
76) Benzidine	20.41	184	114015	8.29	nq	98
77) Pyrene	20.62	202	1133829	39.84	nq	96
79) Butylbenzylphthalate	21.49	149	570485	45.22	nq	92
80) Benzo(a)anthracene	22.61	228	1098328	42.45	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	215806	22.52	nq #	98
82) Chrysene	22.68	228	1033831	41.83	nq	97
83) Bis(2-ethylhexyl)phthalate	22.46	149	811065	43.43	nq	98
84) Di-n-octyl phthalate	23.88	149	1409066	49.50	nq	98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1305589	45.29	nq	96
87) Benzo(b)fluoranthene	25.22	252	1127538	43.14	nq #	97
88) Benzo(k)fluoranthene	25.30	252	1095424	42.17	nq #	95
89) Benzo(a)pyrene	26.26	252	1092309	43.94	nq #	96
90) Dibenzo(a,h)anthracene	30.97	278	1106607	44.22	nq #	93
91) Benzo(g,h,i)perylene	32.28	276	1085788	44.02	nq #	92

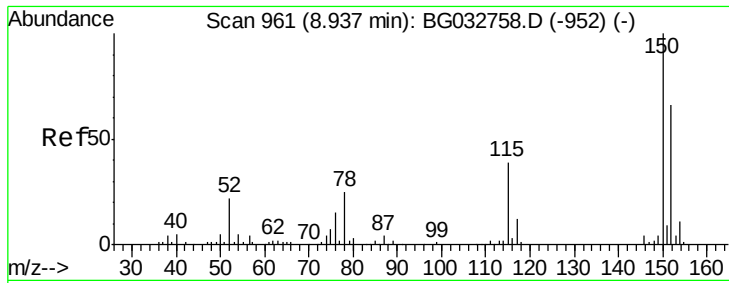
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

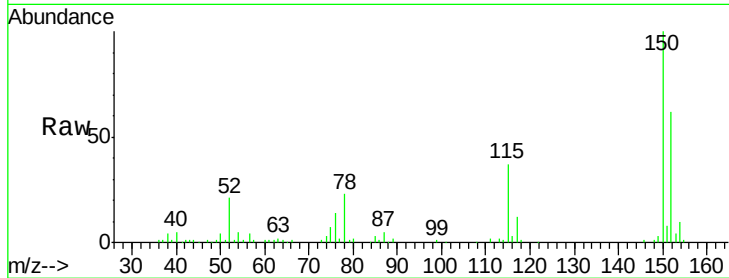
Tot Ion:152 Resp: 66869

Ion Ratio Lower Upper

152 100

150 160.9 126.6 189.8

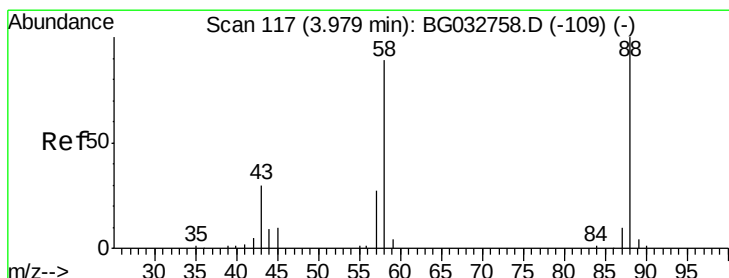
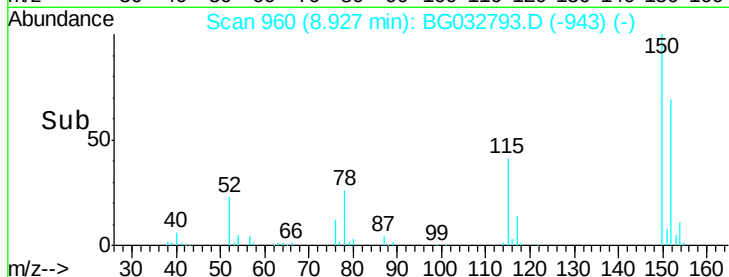
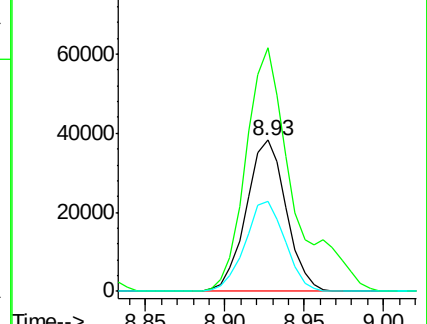
115 59.8 53.0 79.4



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: 35.85 ng

RT: 3.97 min Scan# 117

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

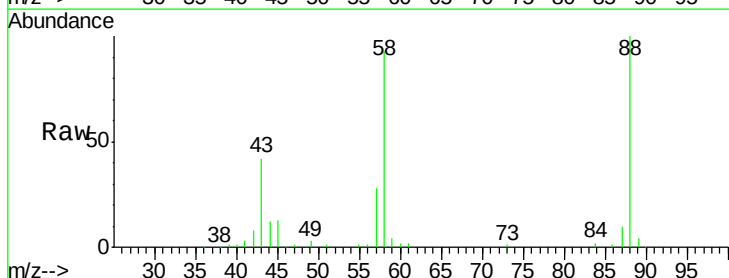
Tgt Ion: 88 Resp: 65034

Ion Ratio Lower Upper

88 100

58 84.7 79.6 119.4

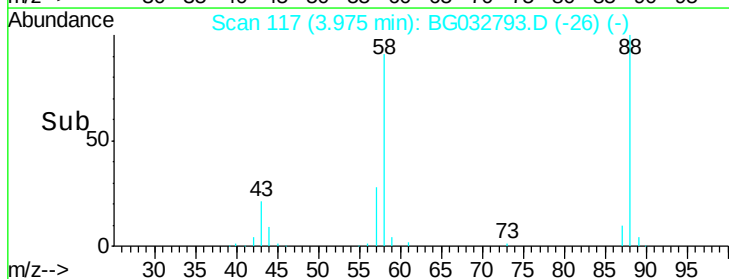
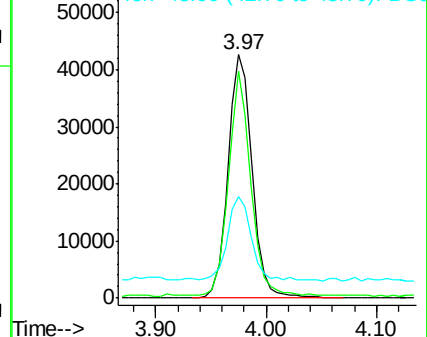
43 37.0 27.4 41.0

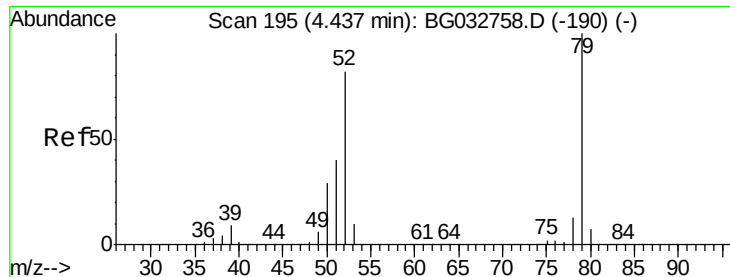


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.19 ng

RT: 4.44 min Scan# 196

Delta R.T. 0.01 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

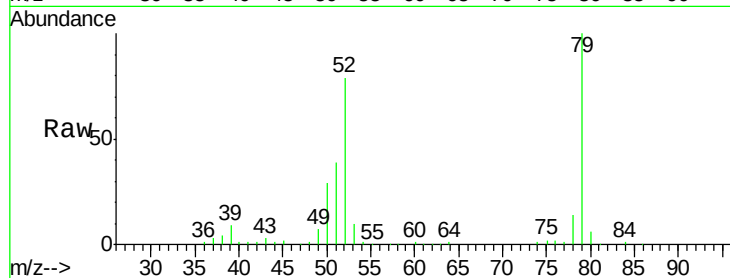
Tot Ion: 79 Resp: 150932

Ion Ratio Lower Upper

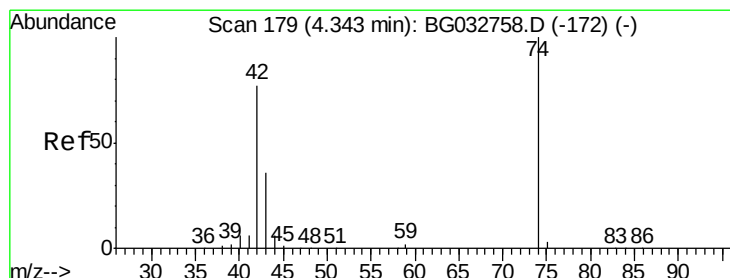
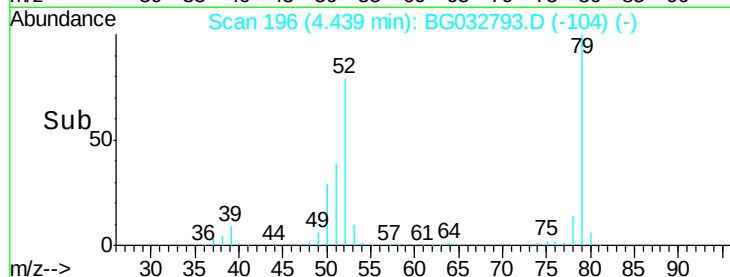
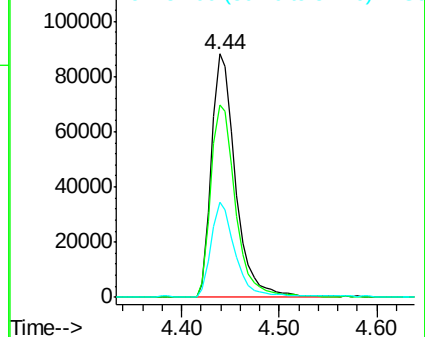
79 100

52 79.0 69.9 104.9

51 39.0 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: 45.96 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

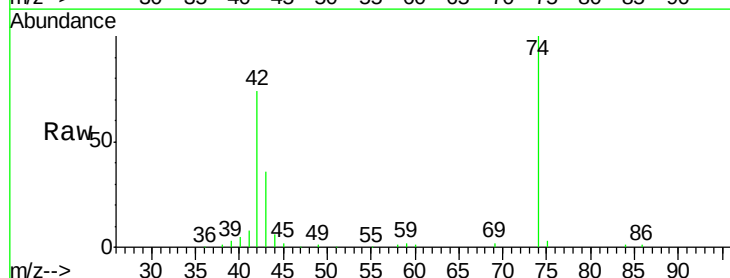
Tgt Ion: 42 Resp: 92129

Ion Ratio Lower Upper

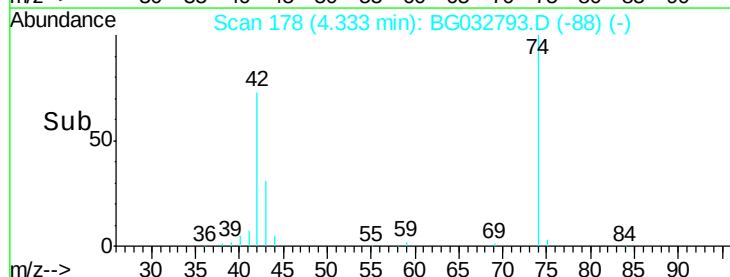
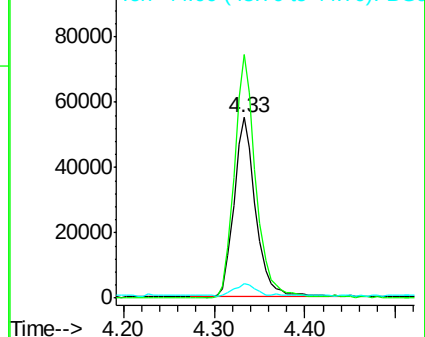
42 100

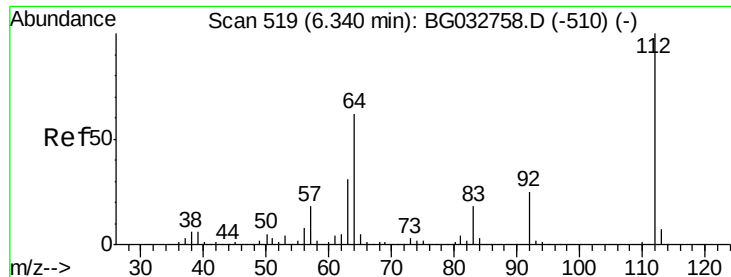
74 134.7 102.5 153.7

44 7.9 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: 138.97 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

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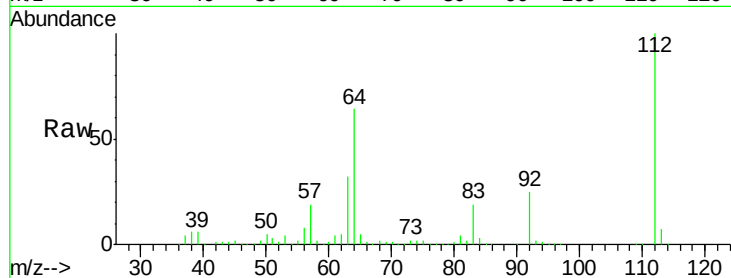
Tot Ion:112 Resp: 580843

Ion Ratio Lower Upper

112 100

64 64.1 56.3 84.5

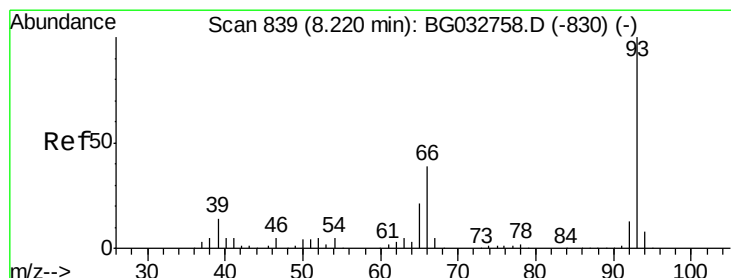
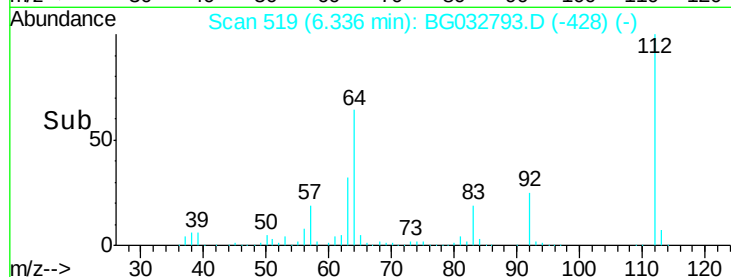
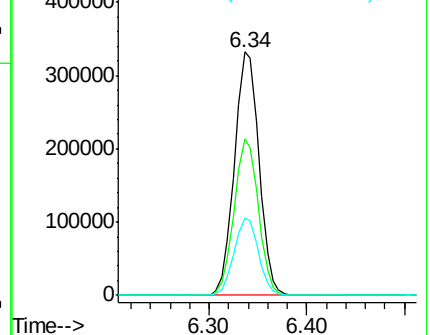
63 31.6 30.1 45.1



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

Aniline

Concen: 17.28 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

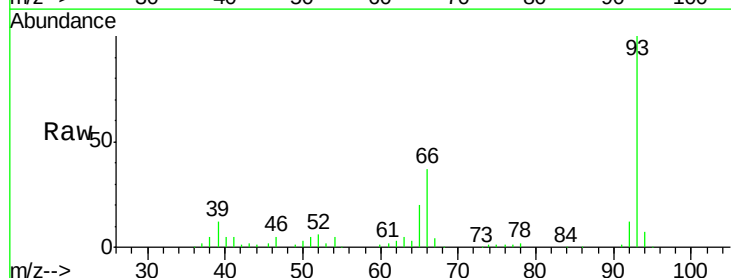
Tgt Ion: 93 Resp: 136288

Ion Ratio Lower Upper

93 100

66 37.3 33.7 50.5

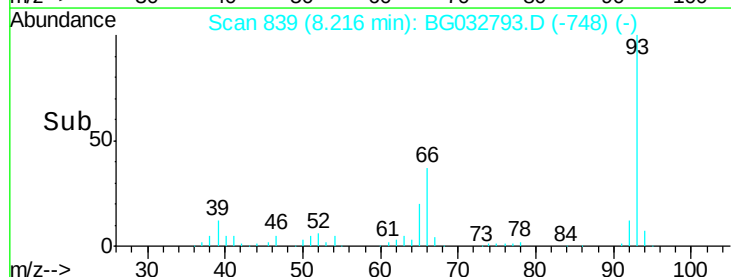
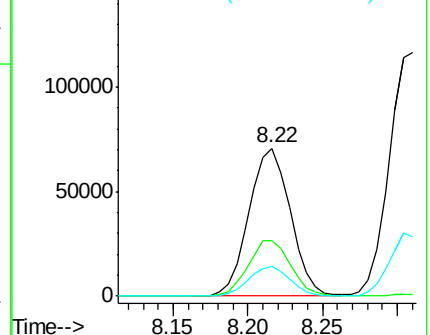
65 19.9 16.1 24.1

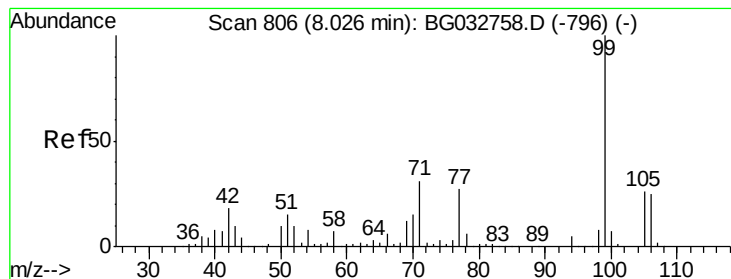


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.31 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

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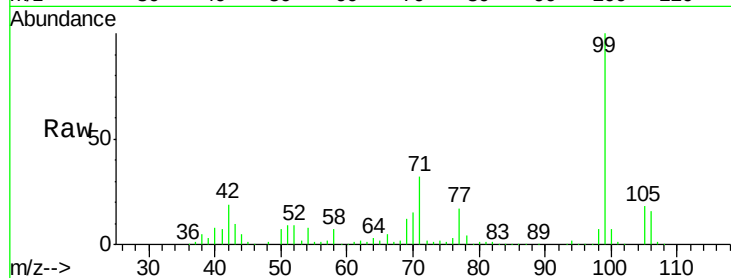
Tot Ion: 99 Resp: 735863

Ion Ratio Lower Upper

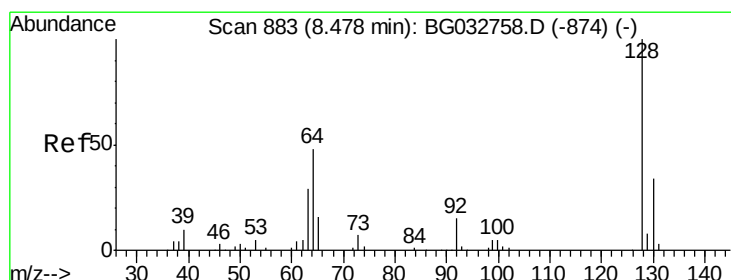
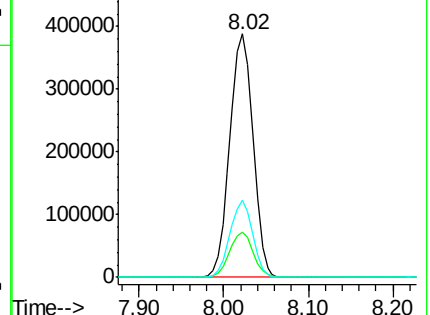
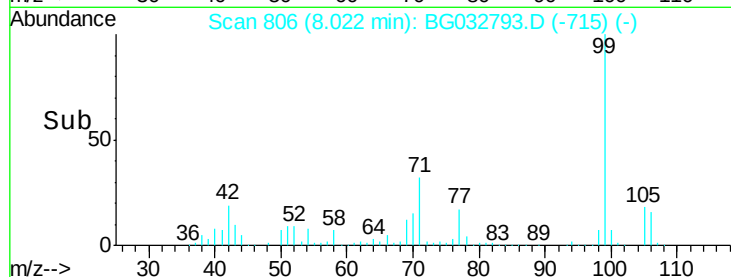
99 100

42 18.8 14.1 21.1

71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.97 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

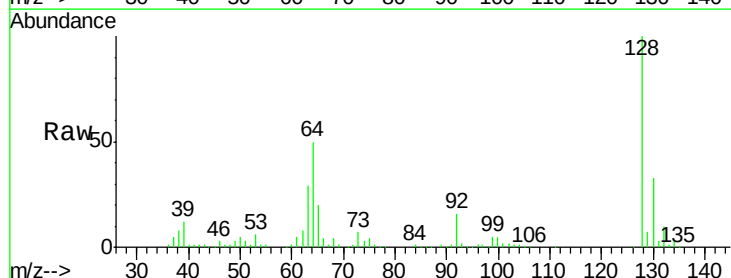
Tgt Ion: 128 Resp: 214905

Ion Ratio Lower Upper

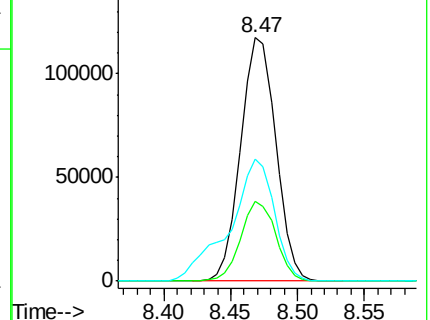
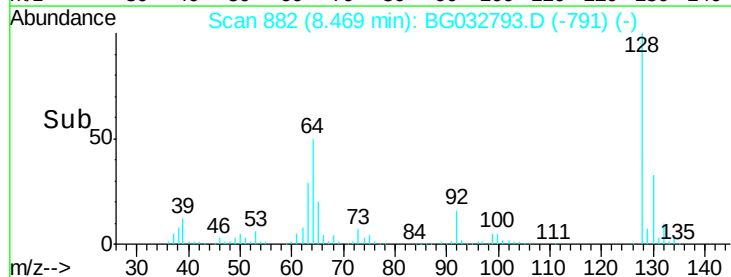
128 100

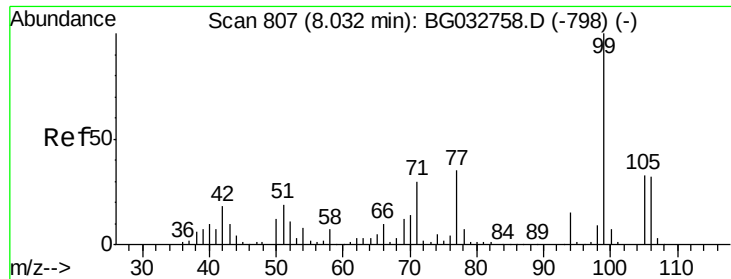
130 33.0 14.0 54.0

64 50.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 36.76 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.00 min

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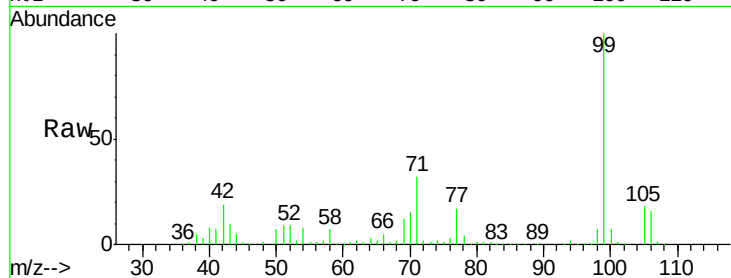
Tot Ion: 77 Resp: 123433

Ion Ratio Lower Upper

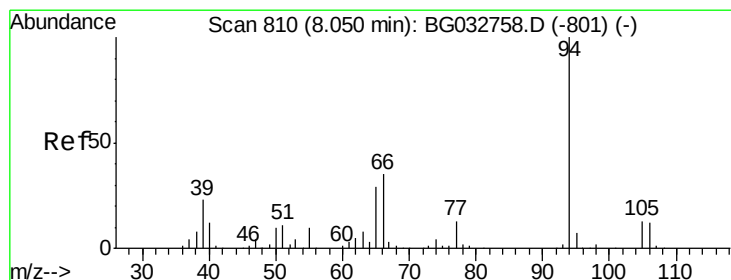
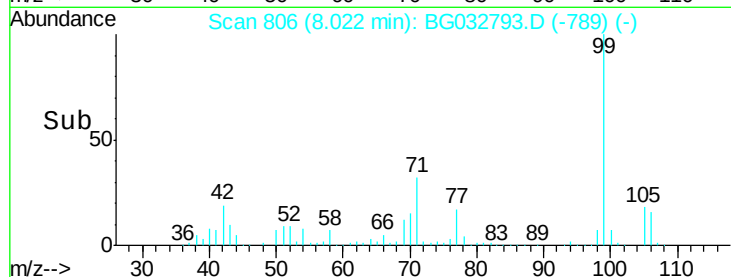
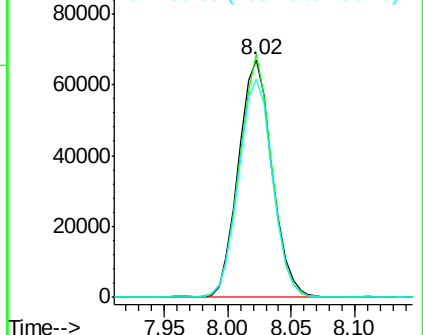
77 100

105 102.6 71.3 111.3

106 91.7 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: 41.92 ng

RT: 8.05 min Scan# 811

Delta R.T. 0.01 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

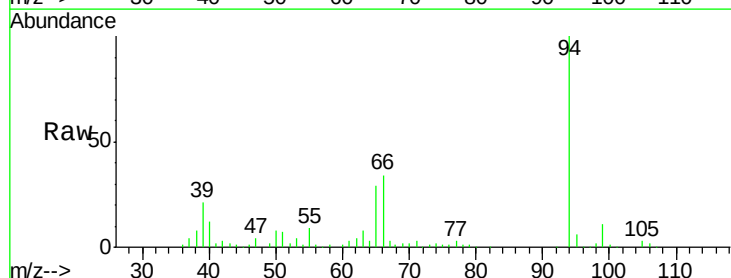
Tgt Ion: 94 Resp: 246176

Ion Ratio Lower Upper

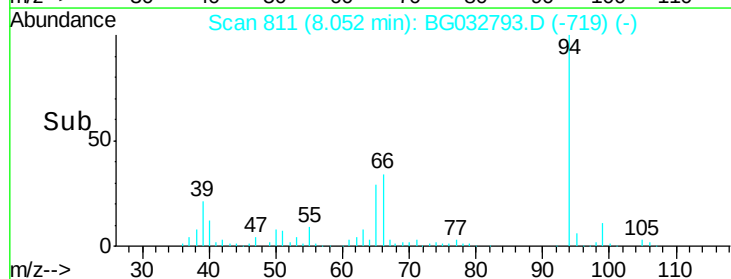
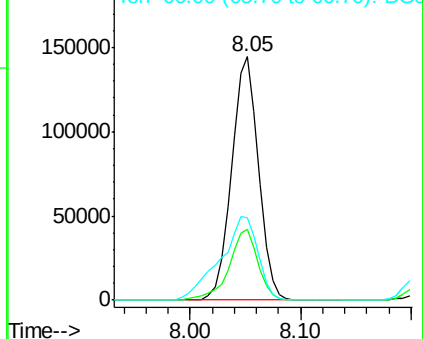
94 100

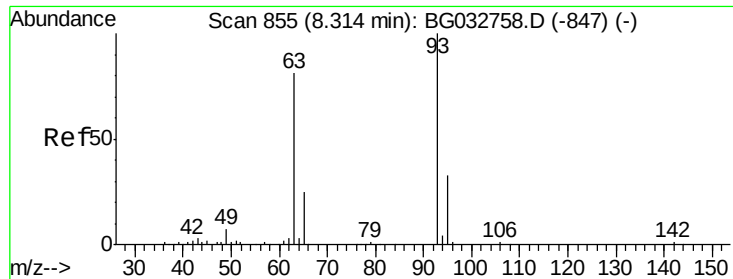
65 29.0 11.9 51.9

66 33.9 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

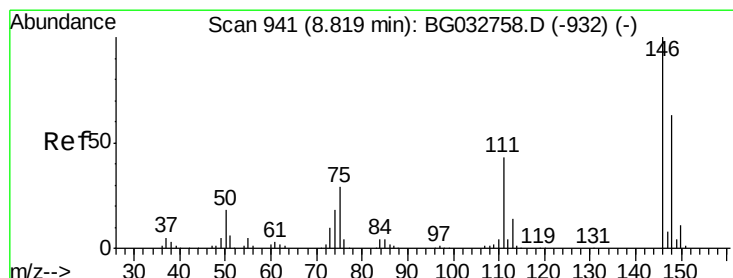
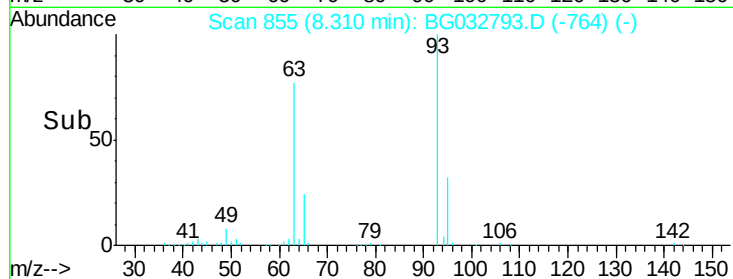
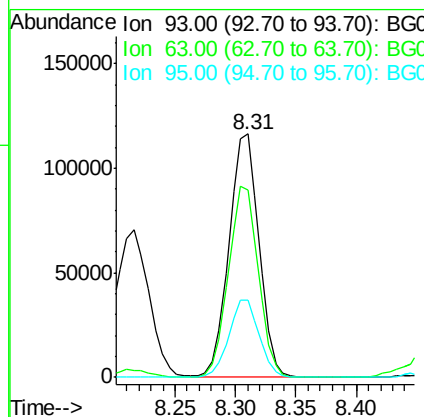
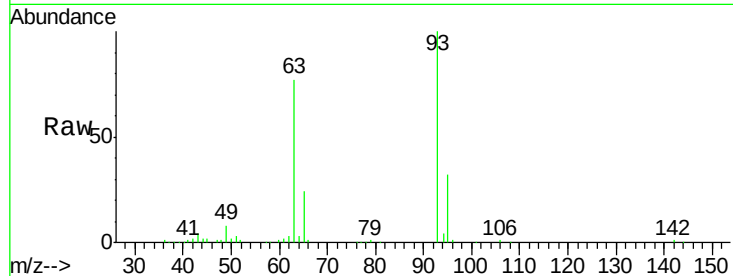




#11
 bis(2-Chloroethyl)ether
 Concen: 42.05 ng
 RT: 8.31 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

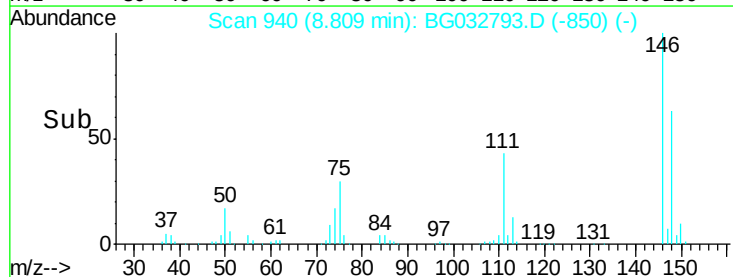
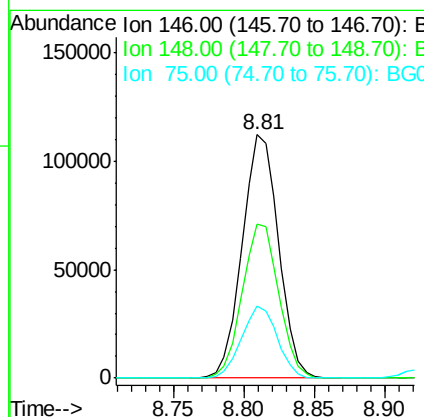
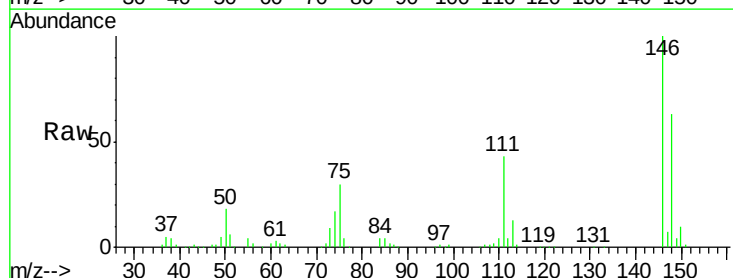
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

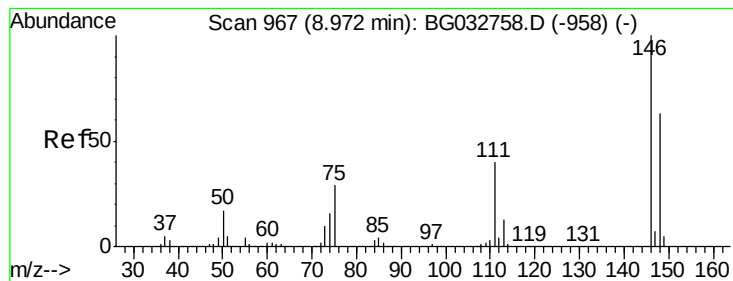
Tot Ion	93	Resp	201956
Ion Ratio	Lower	Upper	
93	100		
63	76.9	67.1	107.1
95	31.7	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.74 ng
 RT: 8.81 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion	146	Resp	202239
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.4	77.2
75	29.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 37.86 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

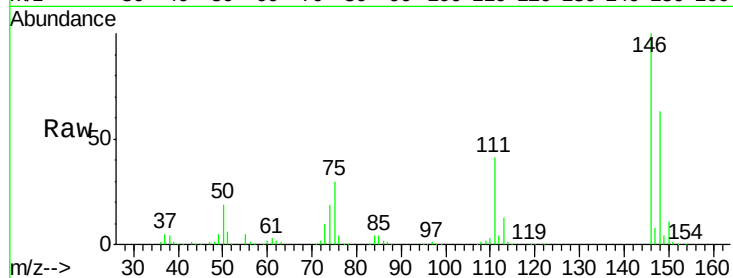
Tot Ion:146 Resp: 204182

Ion Ratio Lower Upper

146 100

148 62.7 53.7 80.5

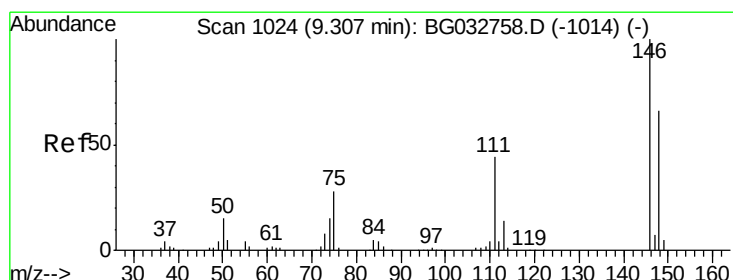
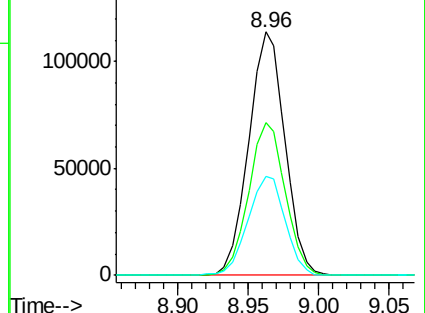
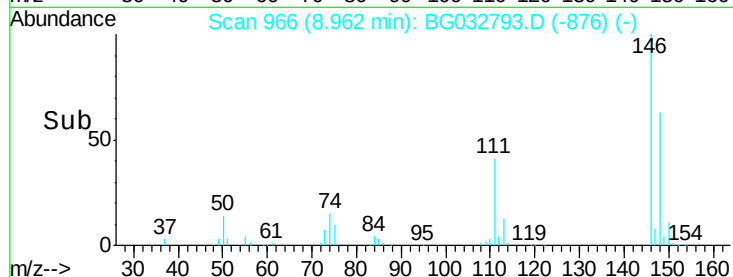
111 40.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.32 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

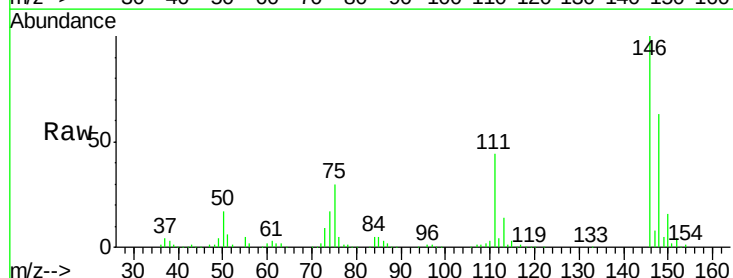
Tgt Ion:146 Resp: 198066

Ion Ratio Lower Upper

146 100

148 62.8 49.3 73.9

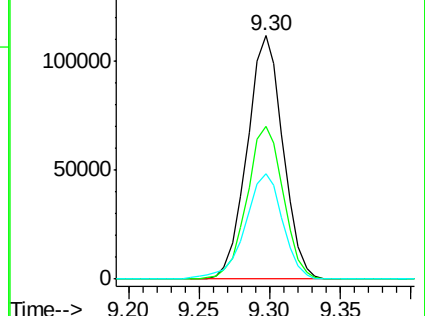
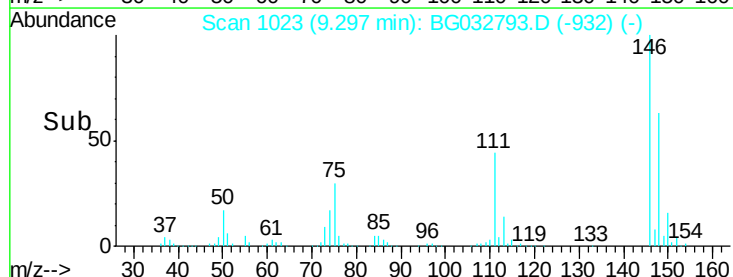
111 43.5 34.3 51.5

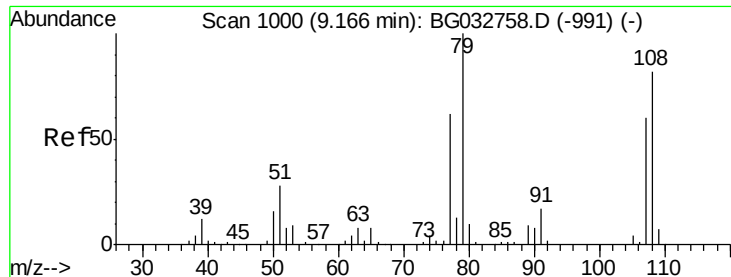


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

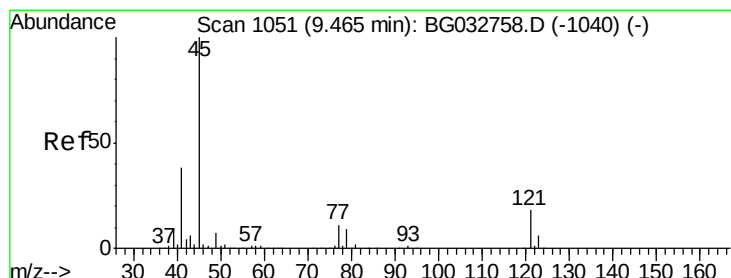
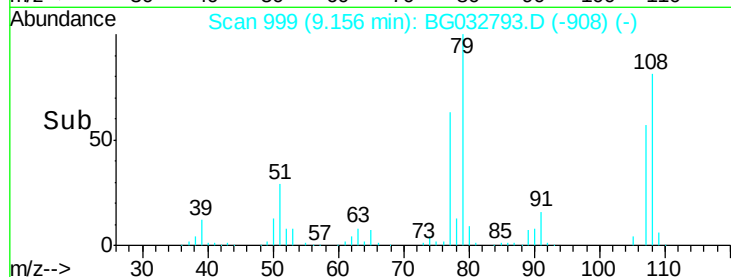
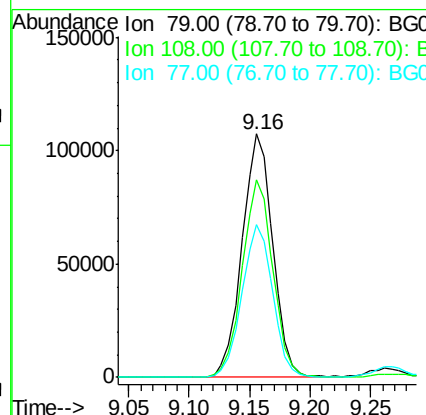
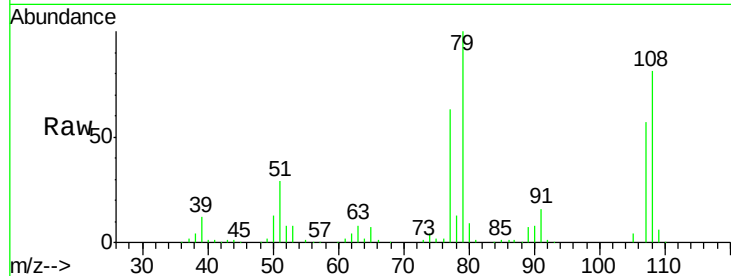




#15
Benzyl Alcohol
Concen: 44.42 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

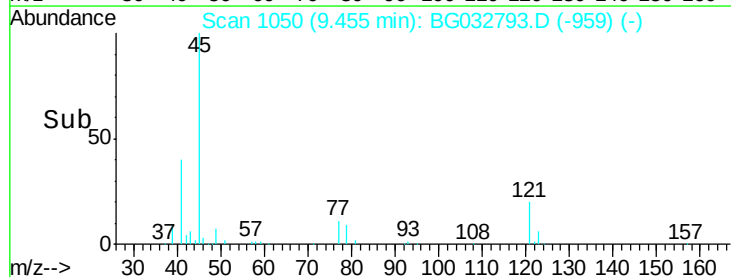
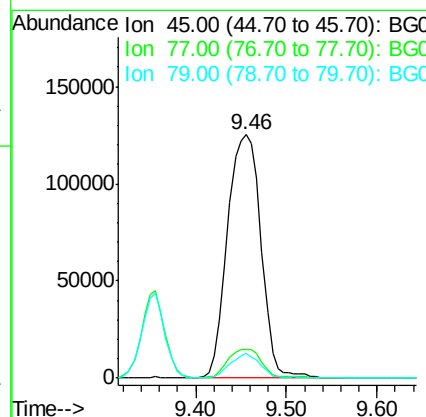
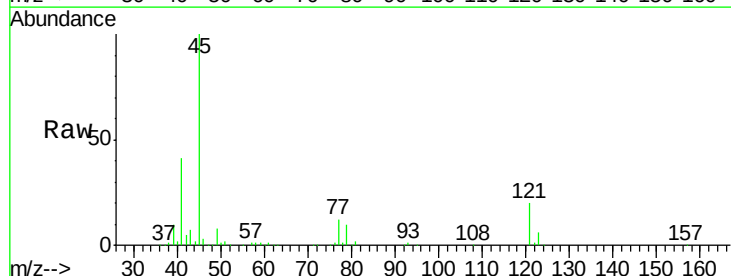
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

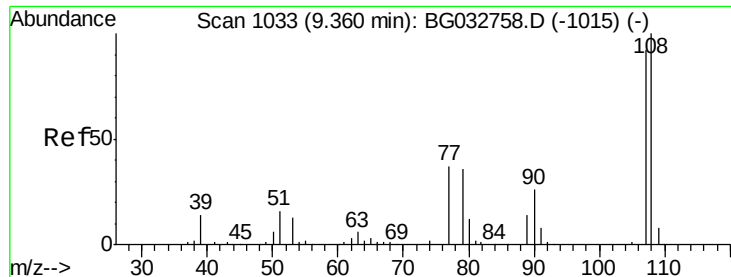
Tot Ion: 79 Resp: 190265
Ion Ratio Lower Upper
79 100
108 81.1 57.2 85.8
77 62.6 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.63 ng
RT: 9.46 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion: 45 Resp: 318879
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.2
79 10.1 0.0 27.9





#17

2-Methylphenol

Concen: 42.99 ng

RT: 9.36 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:107 Resp: 186178

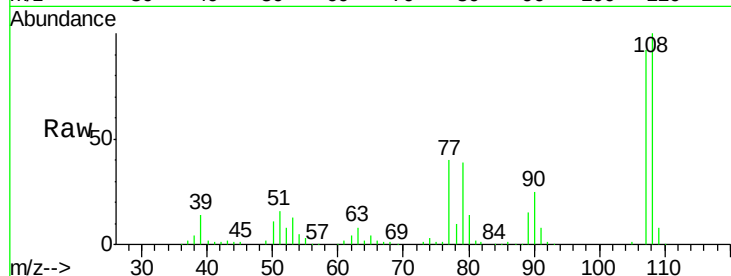
Ion Ratio Lower Upper

107 100

108 109.1 83.9 125.9

77 44.0 37.2 55.8

79 42.9 36.2 54.2

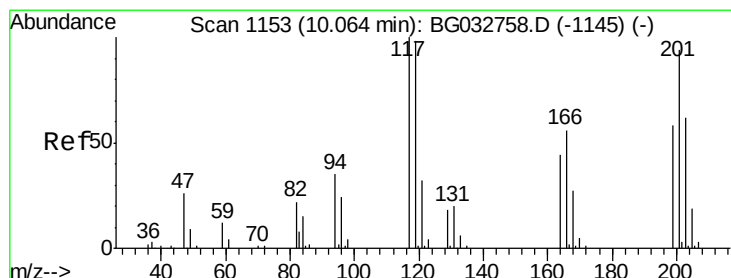
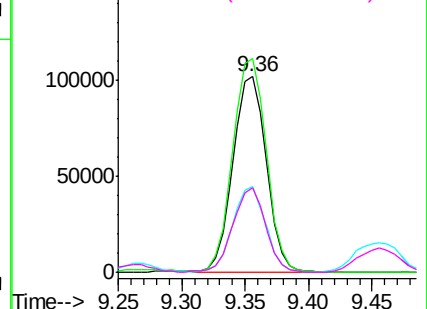
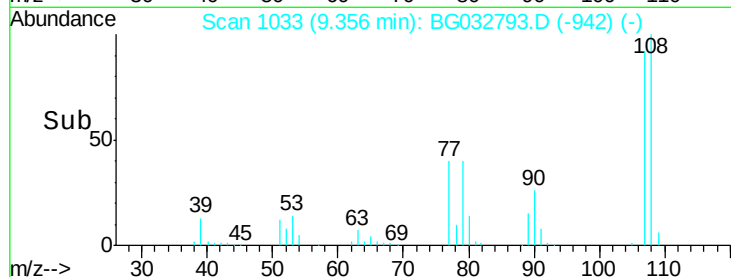


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.92 ng

RT: 10.05 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

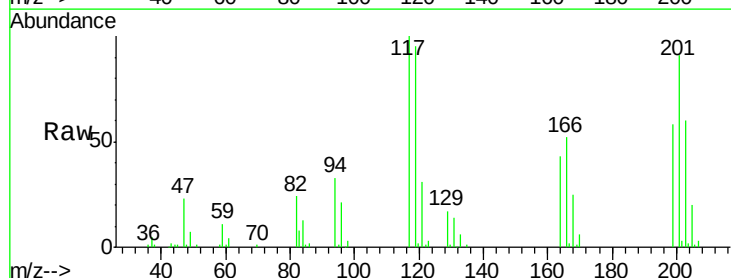
Tgt Ion:117 Resp: 71468

Ion Ratio Lower Upper

117 100

119 95.4 76.7 115.1

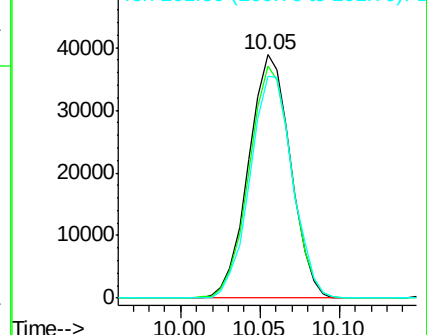
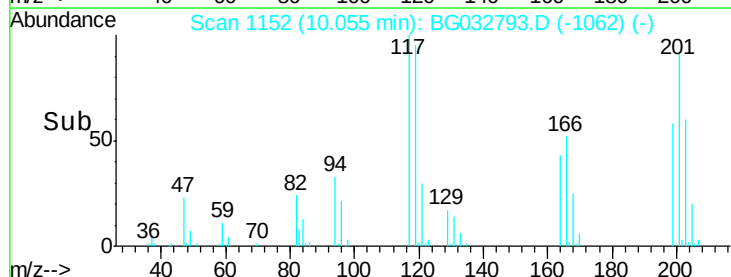
201 90.9 95.7 143.5#

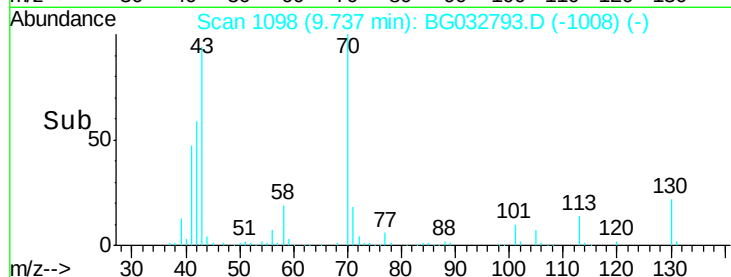
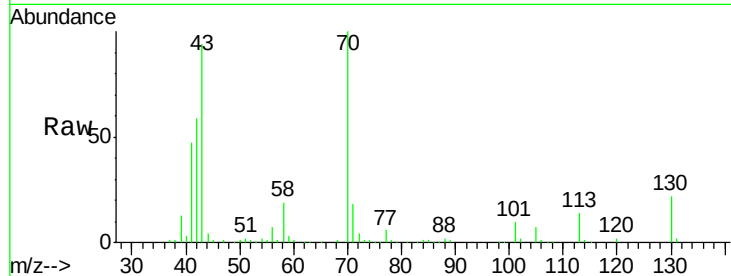
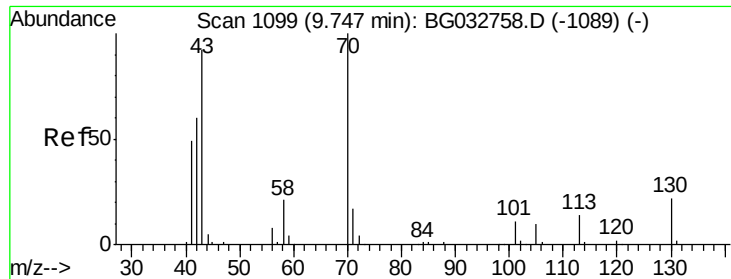


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

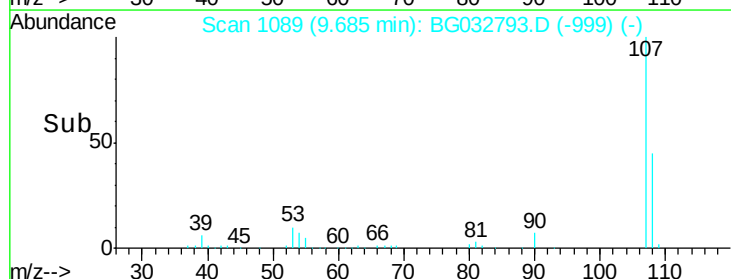
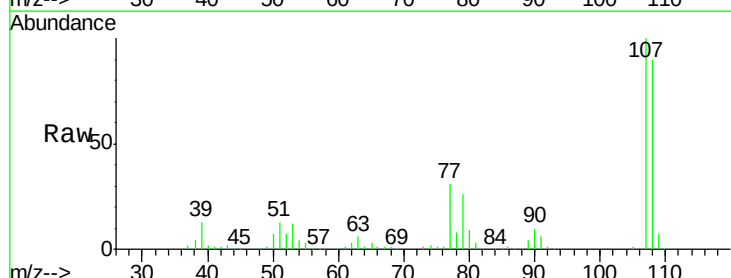
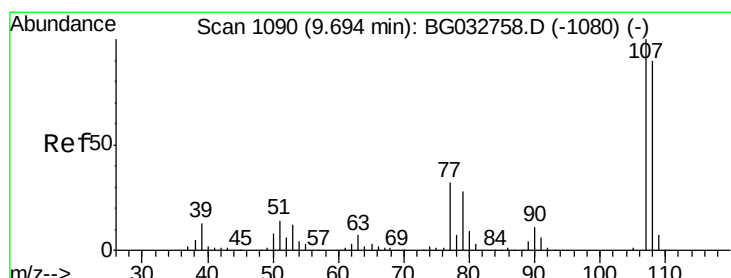
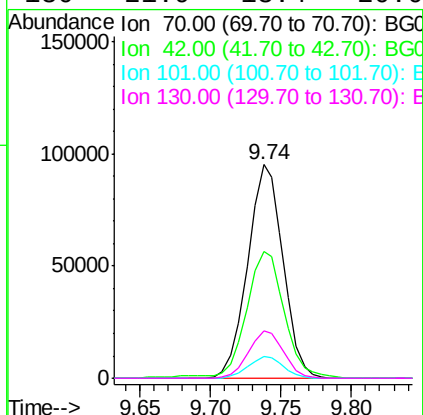




#19
n-Nitroso-di-n-propylamine
Concen: 40.44 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

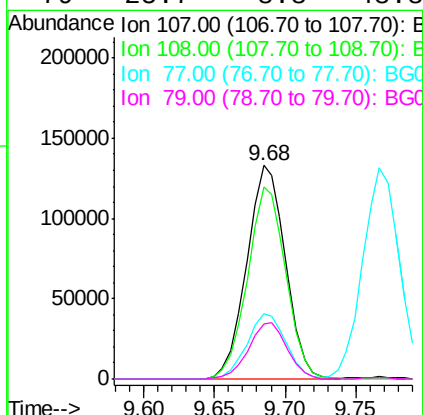
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

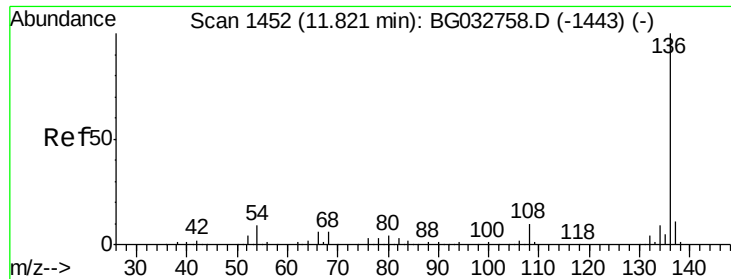
Tot Ion: 70 Resp: 166334
Ion Ratio Lower Upper
70 100
42 59.5 49.1 73.7
101 10.3 8.5 12.7
130 21.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.31 ng
RT: 9.68 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion: 107 Resp: 254782
Ion Ratio Lower Upper
107 100
108 90.0 61.6 101.6
77 30.7 13.9 53.9
79 25.7 8.8 48.8

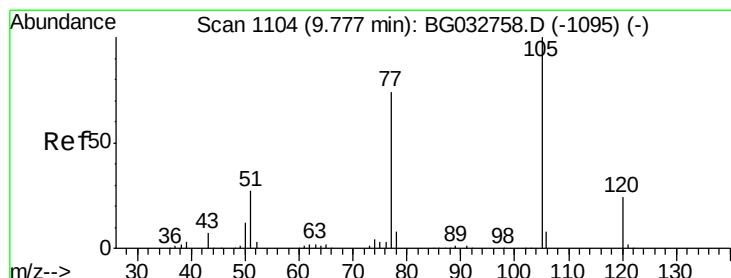
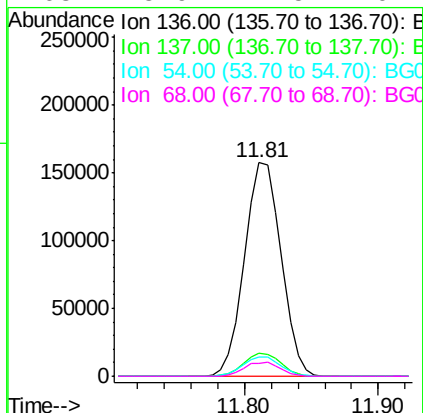
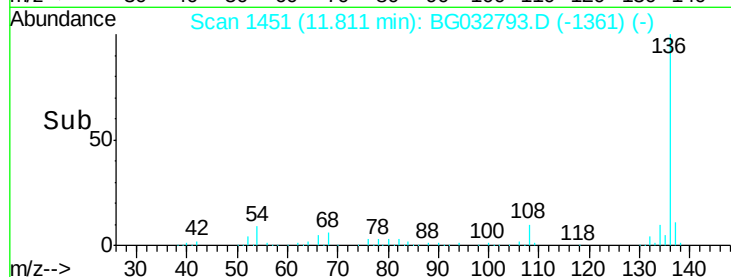
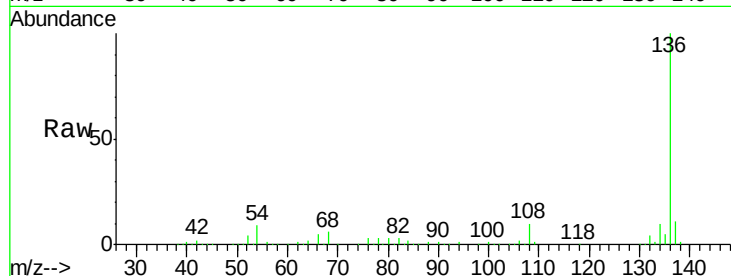




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

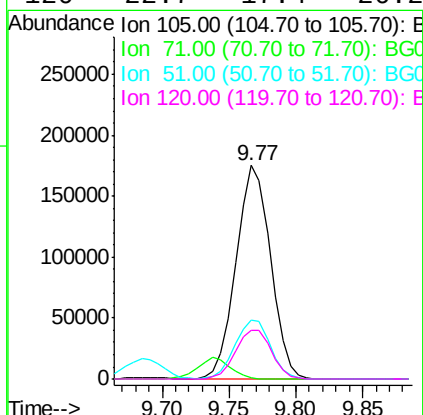
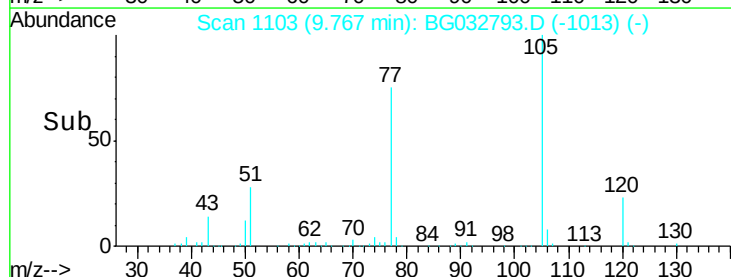
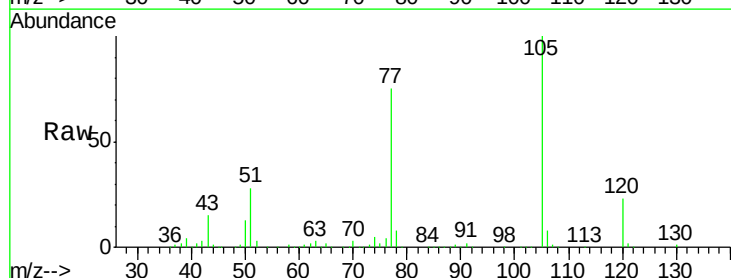
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

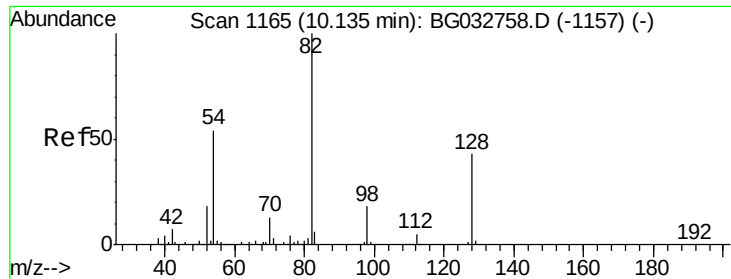
Tot Ion:136	Resp:	299210
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.3	10.3 15.5#
68	5.9	4.5 6.7



#22
Acetophenone
Concen: 41.45 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:105	Resp:	313252
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	27.7	26.1 39.1
120	22.7	17.4 26.2

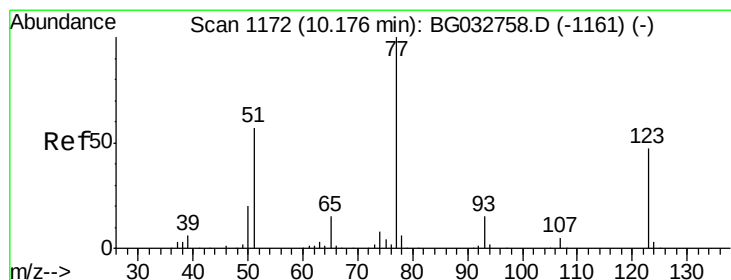
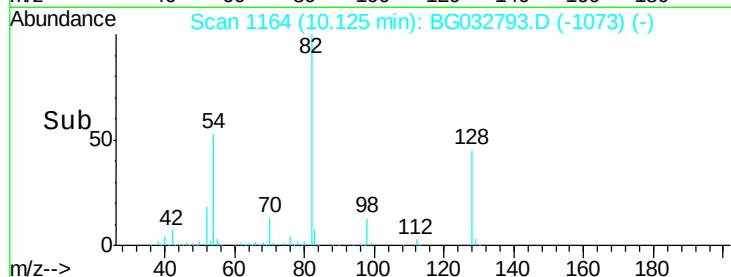
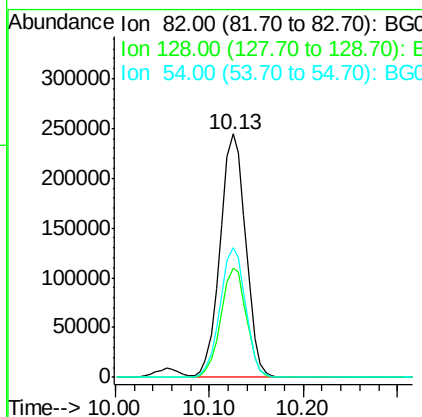
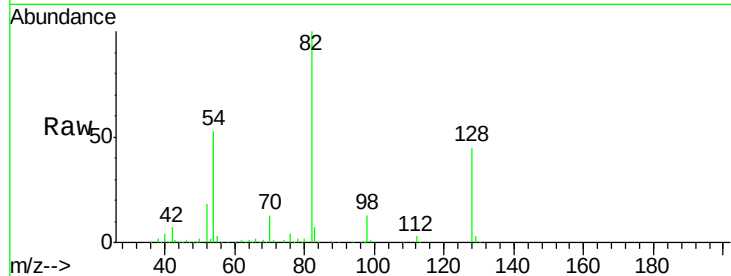




#23
 Nitrobenzene-d5
 Concen: 104.90 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

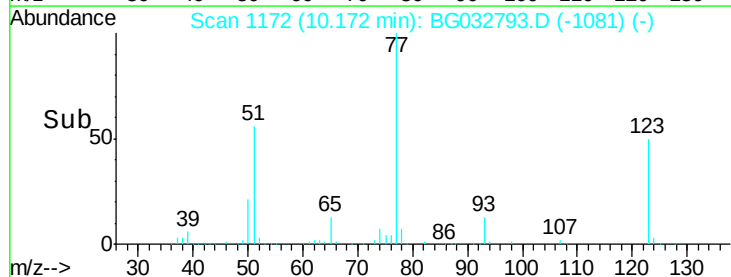
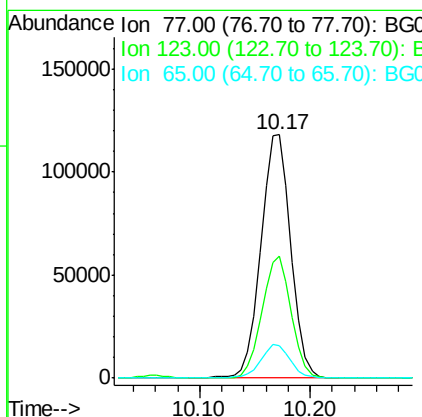
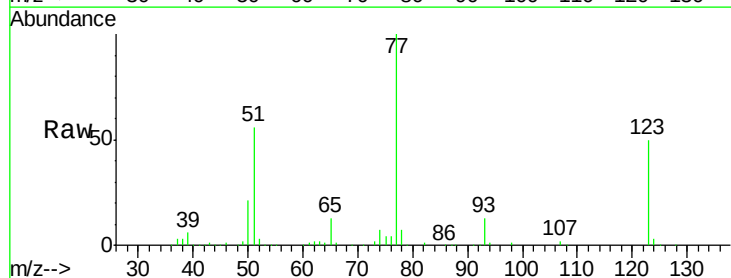
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

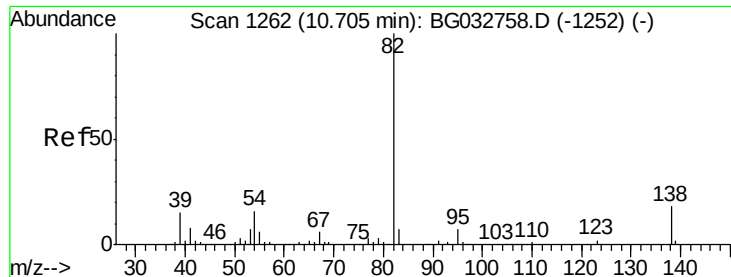
Tot Ion	82	Resp	463611
Ion Ratio	Lower	Upper	
82	100		
128	45.0	29.7	44.5#
54	53.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 47.01 ng
 RT: 10.17 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion	77	Resp	223574
Ion Ratio	Lower	Upper	
77	100		
123	50.0	33.0	49.6#
65	13.3	13.0	19.6





#25

Isophorone

Concen: 44.68 ng

RT: 10.69 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

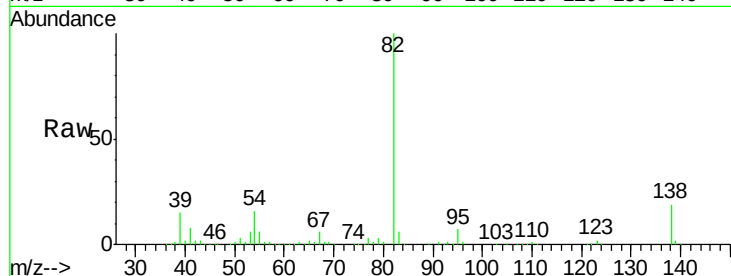
Tot Ion: 82 Resp: 469219

Ion Ratio Lower Upper

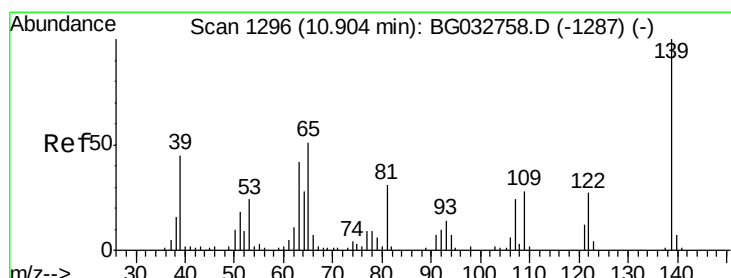
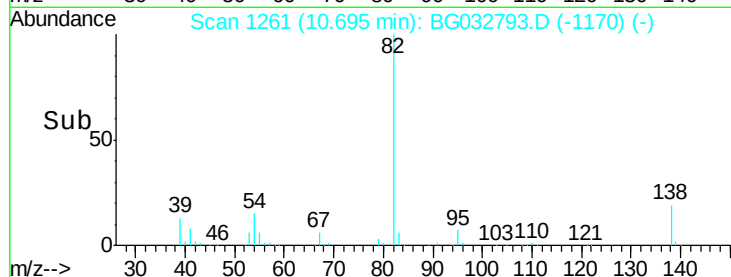
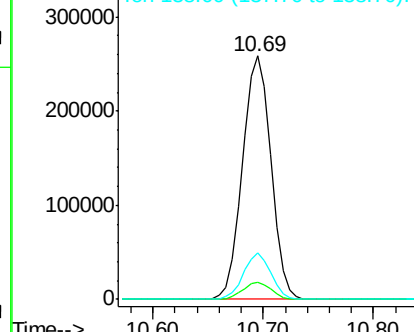
82 100

95 7.0 6.2 9.2

138 18.9 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: 57.93 ng

RT: 10.89 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

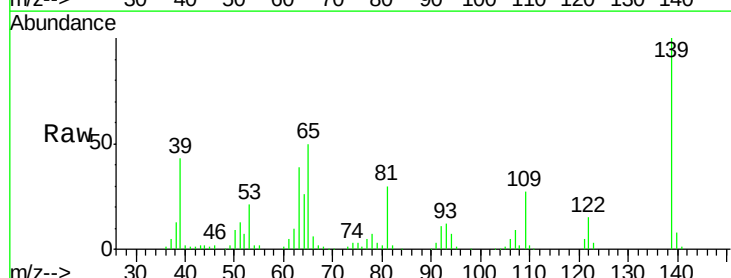
Tgt Ion: 139 Resp: 104897

Ion Ratio Lower Upper

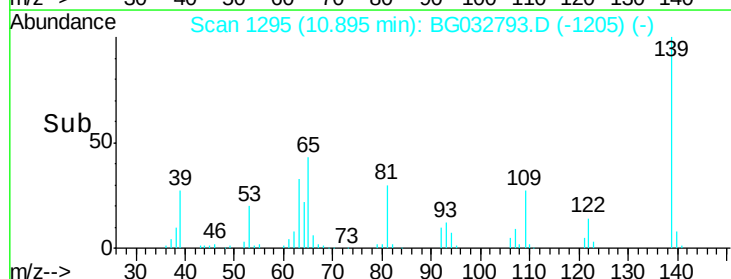
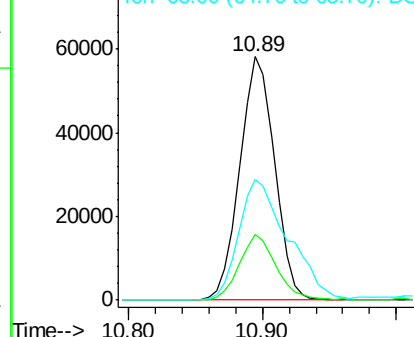
139 100

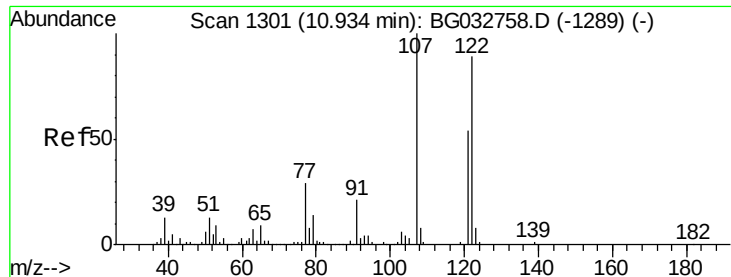
109 26.9 24.2 36.2

65 49.7 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

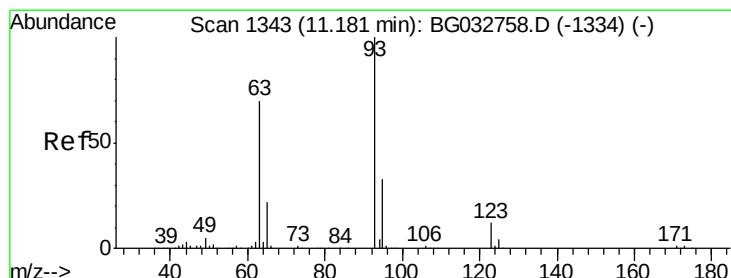
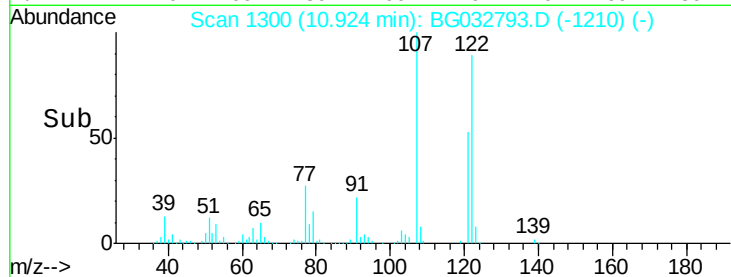
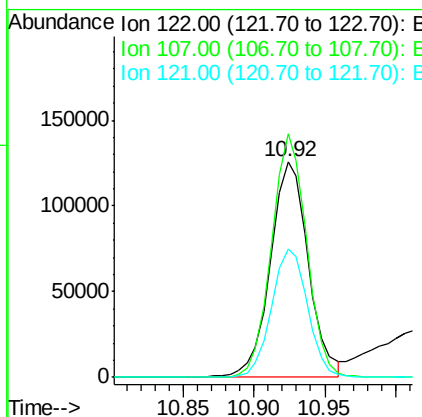
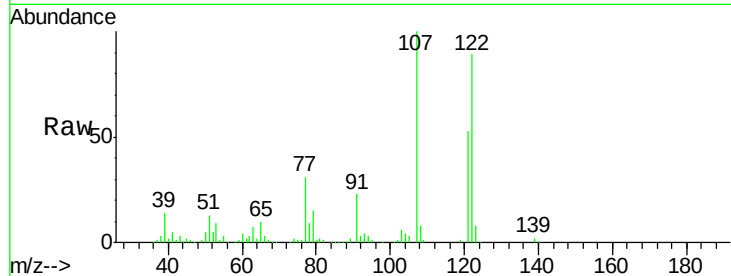




#27
2,4-Dimethylphenol
Concen: 51.92 ng
RT: 10.92 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

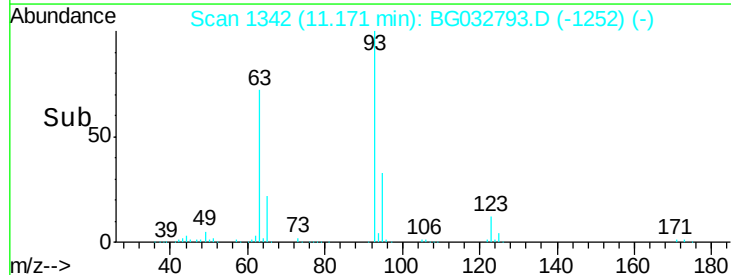
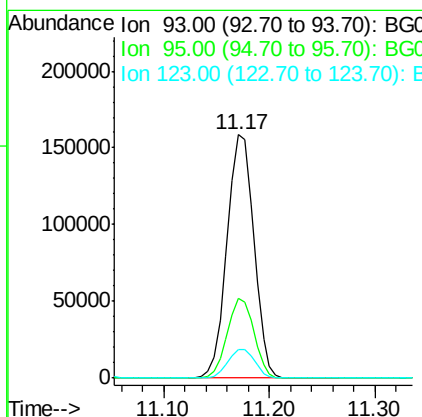
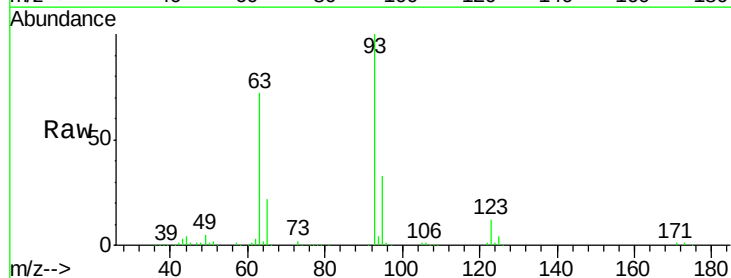
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

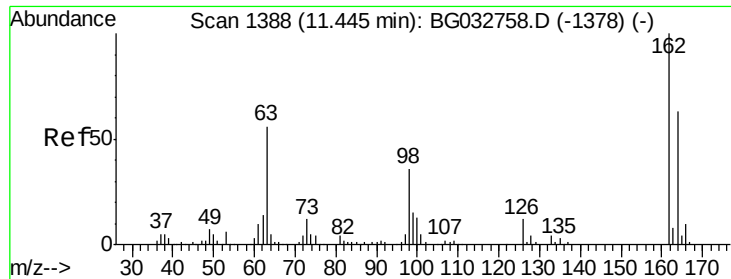
Tot Ion:122 Resp: 236864
Ion Ratio Lower Upper
122 100
107 112.8 100.2 150.2
121 59.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.56 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion: 93 Resp: 278725
Ion Ratio Lower Upper
93 100
95 32.6 24.3 36.5
123 12.0 8.4 12.6

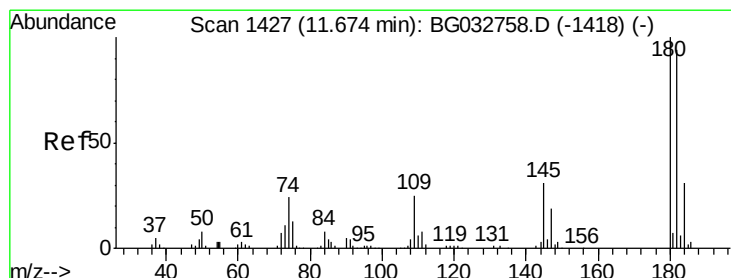
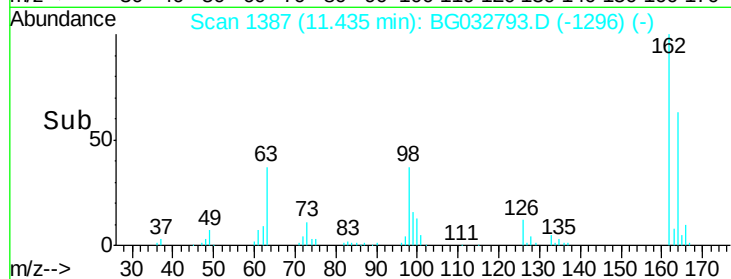
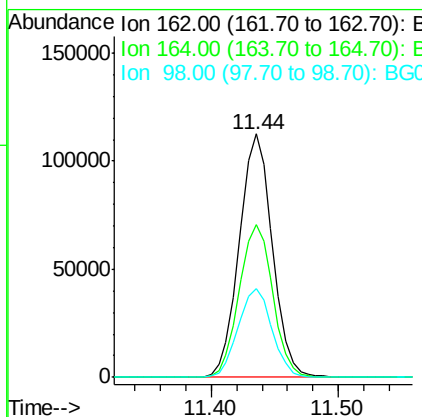
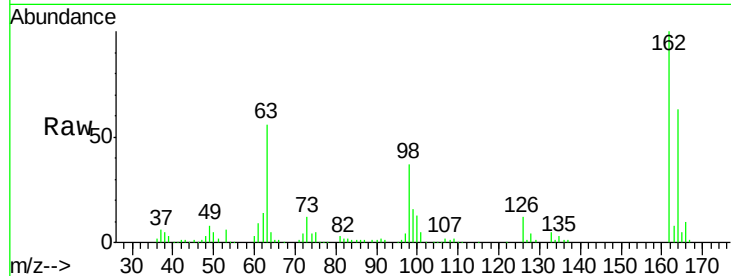




#29
2,4-Dichlorophenol
Concen: 49.18 ng
RT: 11.44 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

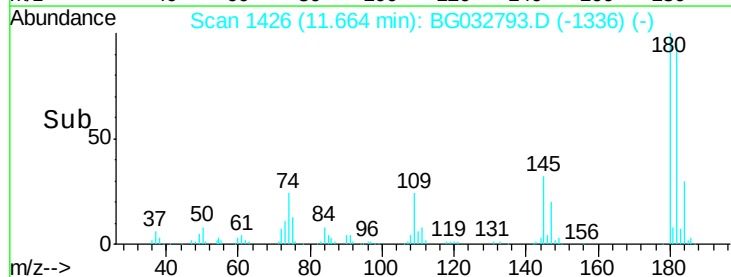
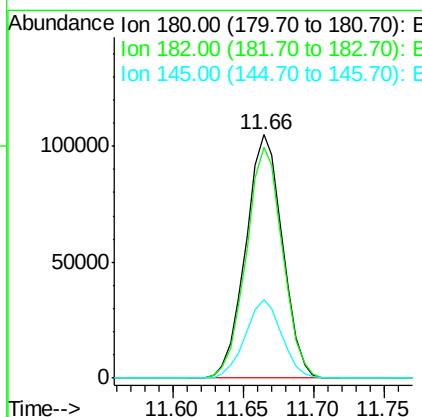
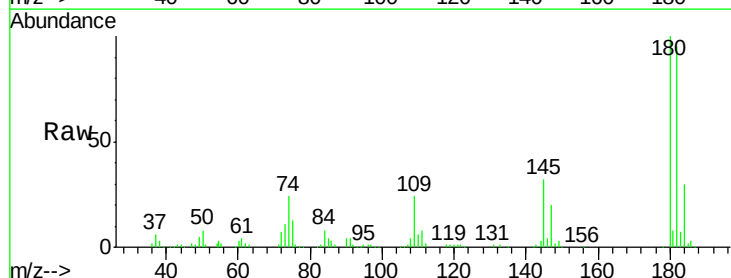
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

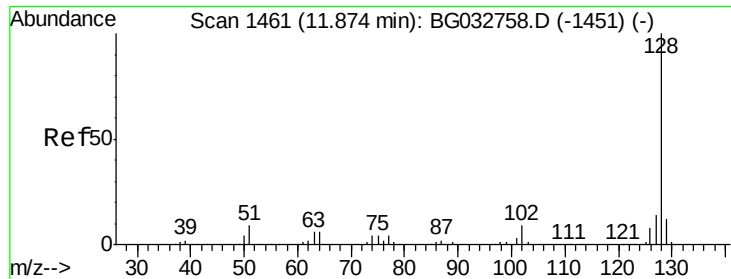
Tot Ion:162 Resp: 203618
Ion Ratio Lower Upper
162 100
164 62.9 48.0 88.0
98 36.7 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.50 ng
RT: 11.66 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:180 Resp: 191738
Ion Ratio Lower Upper
180 100
182 94.6 77.5 116.3
145 32.3 23.4 35.2

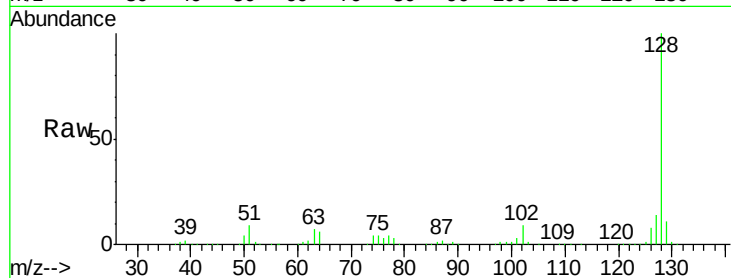




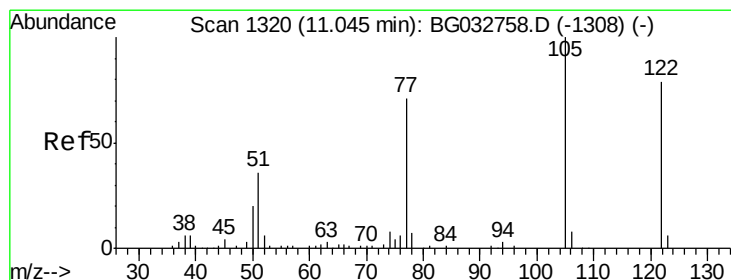
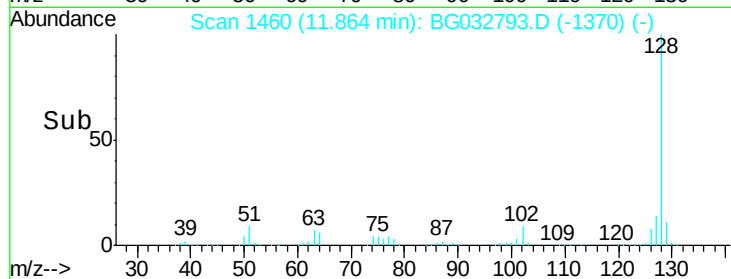
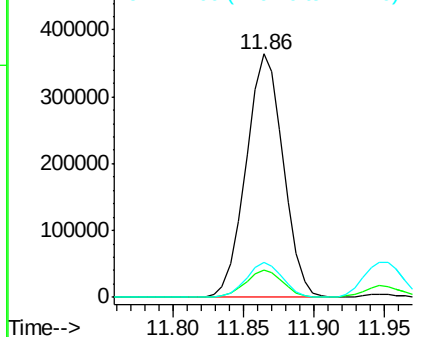
#31
Naphthalene
Concen: 42.89 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion:128 Resp: 670550
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.4 11.6 17.4

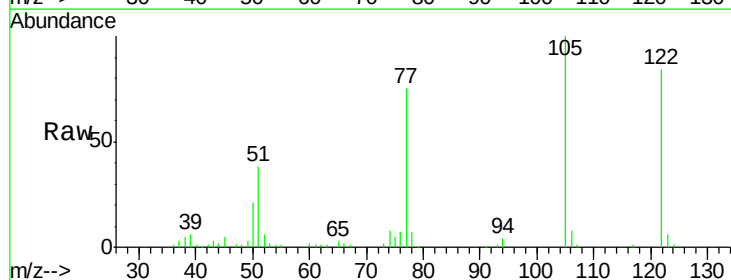


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

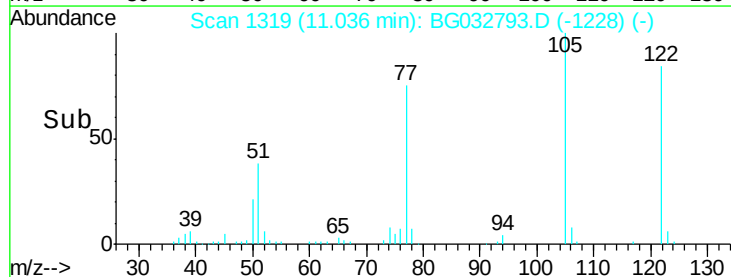
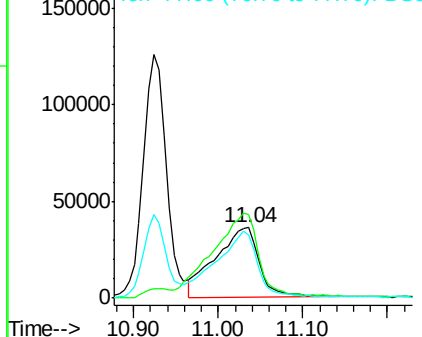


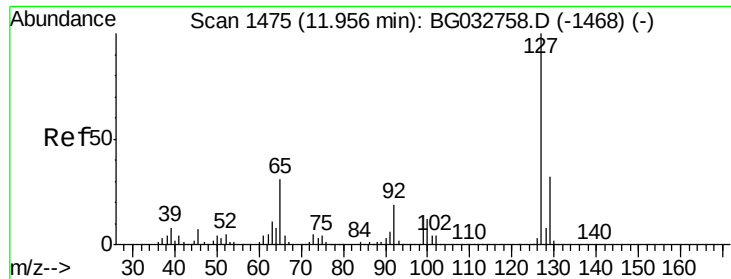
#32
Benzoic acid
Concen: 46.16 ng
RT: 11.04 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:122 Resp: 128869
Ion Ratio Lower Upper
122 100
105 118.9 123.5 163.5#
77 88.7 85.7 125.7



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

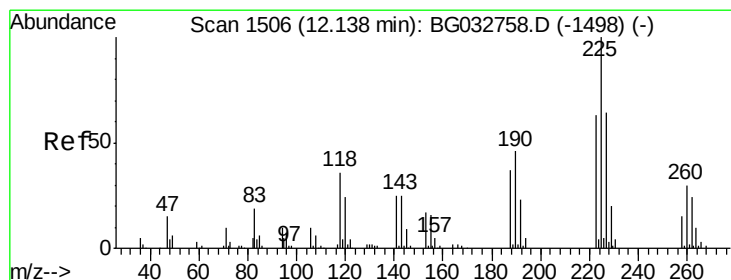
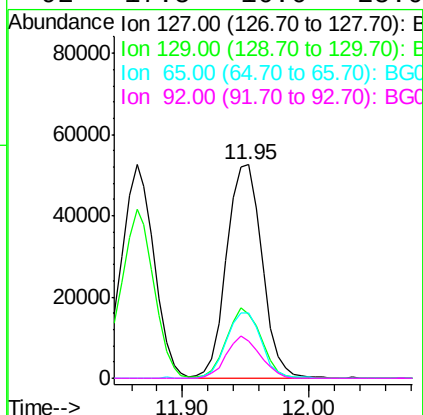
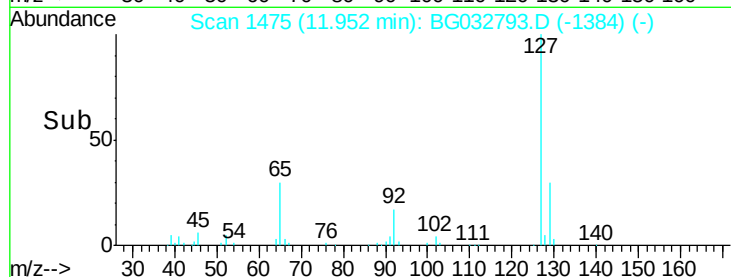
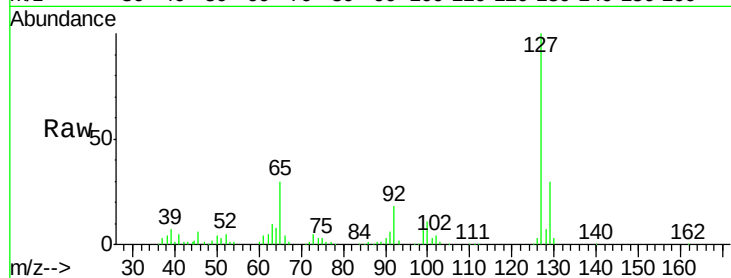




#33
4-Chloroaniline
Concen: 14.53 ng
RT: 11.95 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

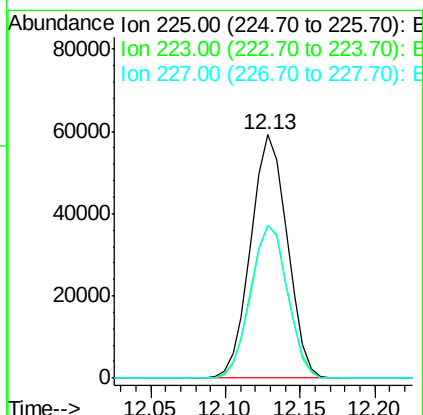
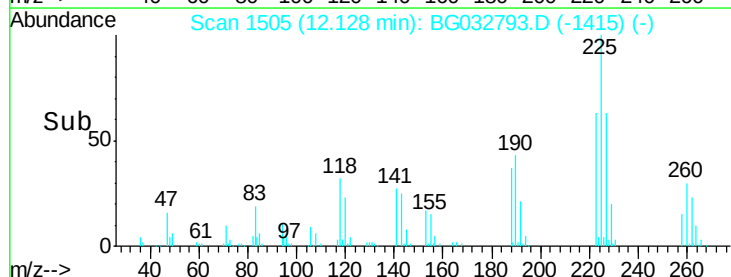
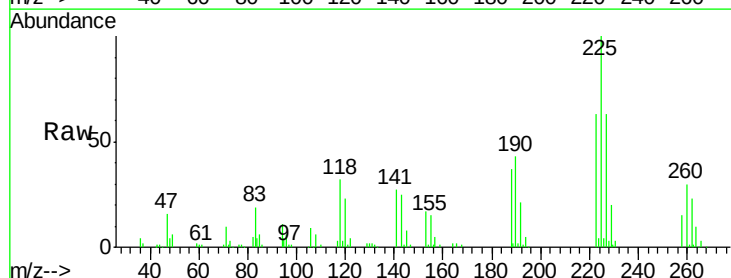
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

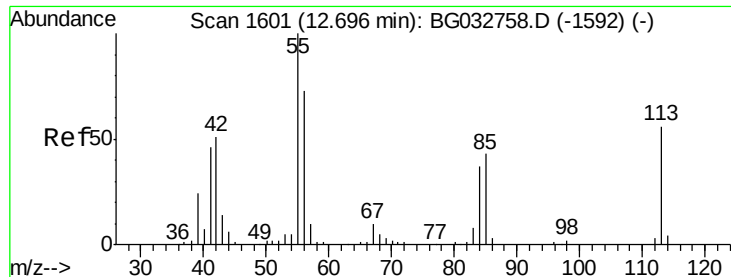
Tot Ion:	127	Resp:	101606
Ion	Ratio	Lower	Upper
127	100		
129	30.2	24.0	36.0
65	30.5	27.0	40.4
92	17.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 36.79 ng
RT: 12.13 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:	225	Resp:	100169
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	62.7	48.1	72.1





#35

Caprolactam

Concen: 43.95 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

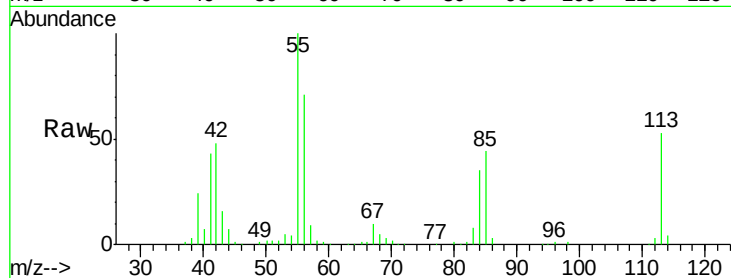
Tot Ion:113 Resp: 72863

Ion Ratio Lower Upper

113 100

55 187.7 186.9 226.9

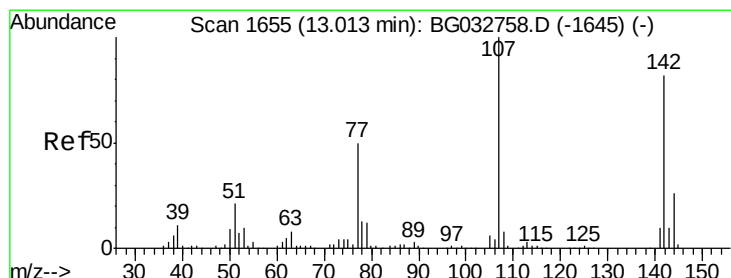
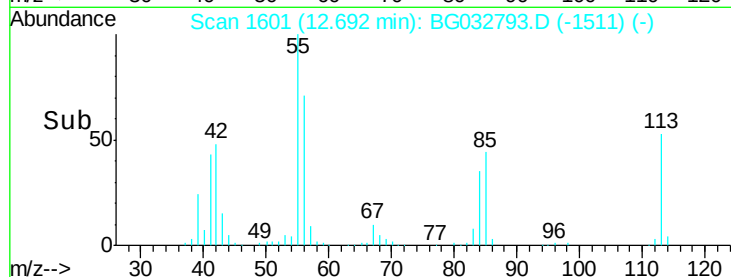
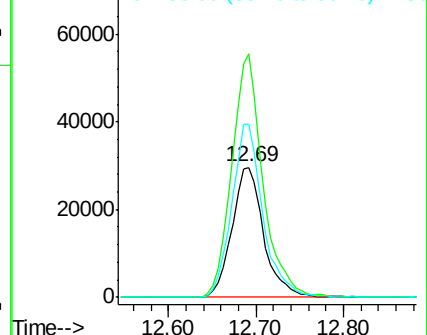
56 133.1 130.9 170.9



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: 51.45 ng

RT: 13.01 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

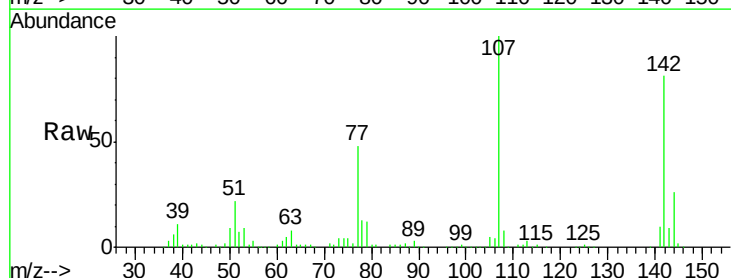
Tgt Ion:107 Resp: 247916

Ion Ratio Lower Upper

107 100

144 25.8 18.2 27.4

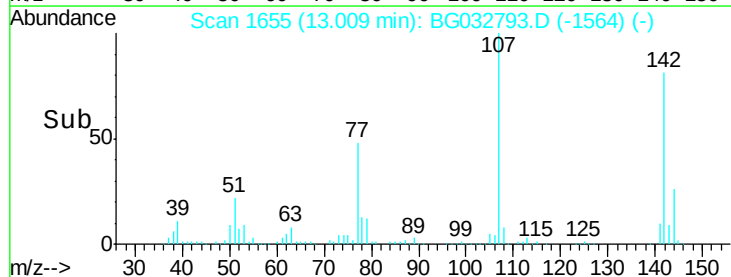
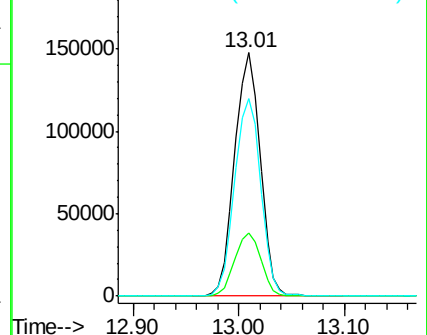
142 81.1 59.0 88.4

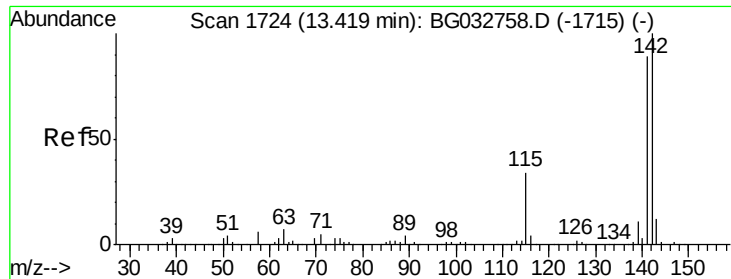


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

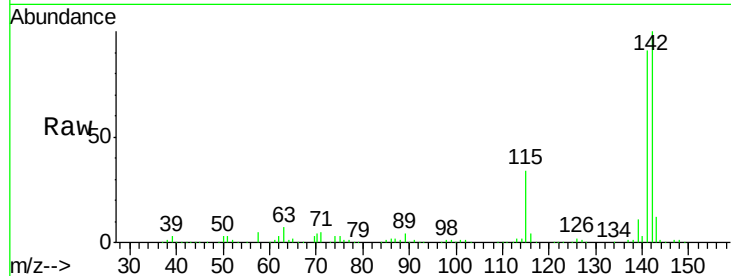




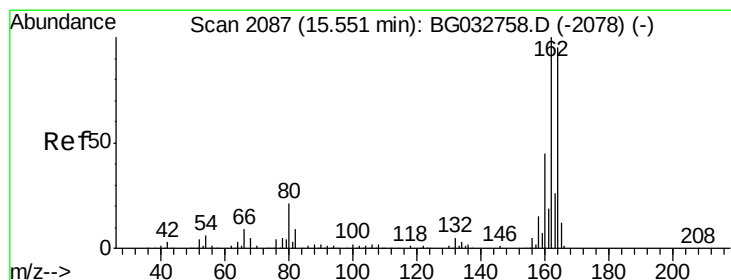
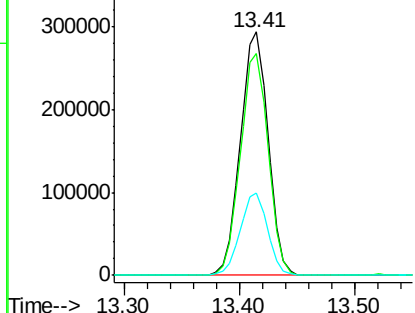
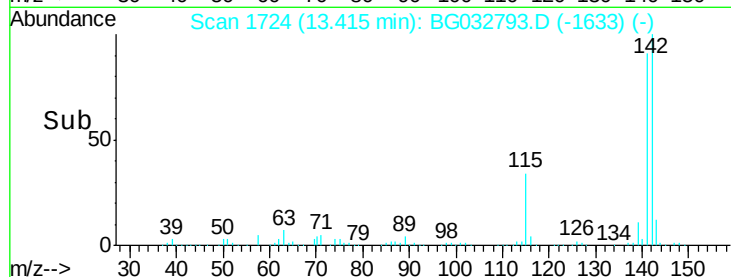
#37
2-Methylnaphthalene
Concen: 43.27 ng
RT: 13.41 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion:142 Resp: 489429
Ion Ratio Lower Upper
142 100
141 91.2 67.1 100.7
115 33.8 30.7 46.1

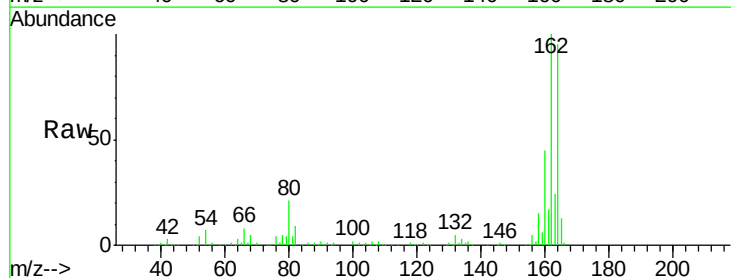


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

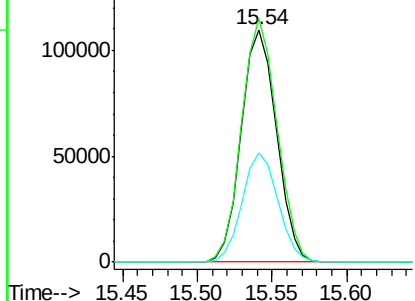
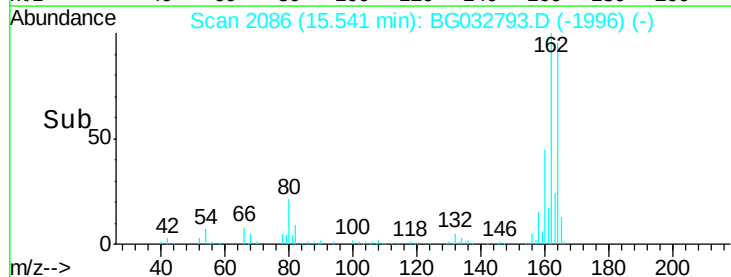


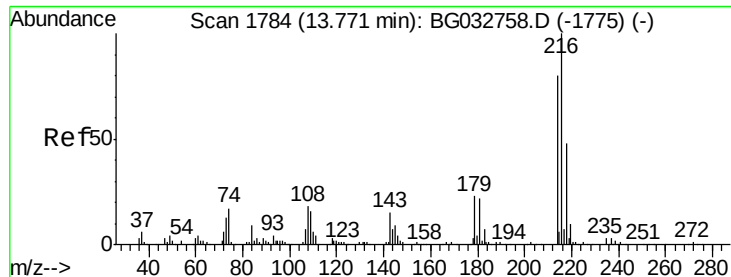
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:164 Resp: 179636
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 46.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.82 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:216 Resp: 201680

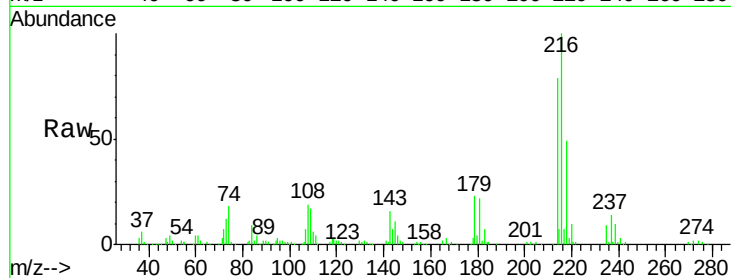
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 23.2 17.0 25.6

108 22.5 12.8 19.2#

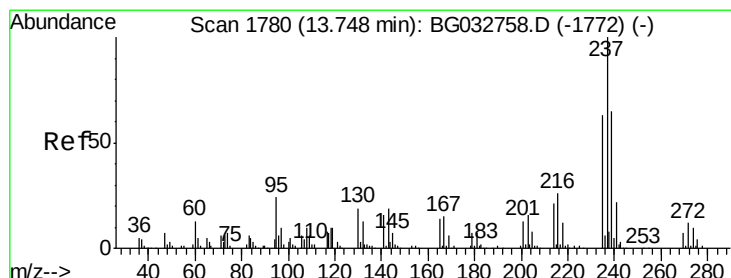
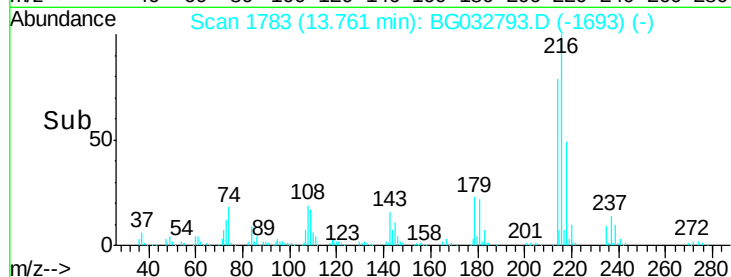
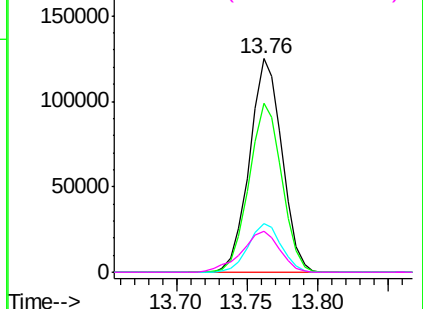


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.40 ng

RT: 13.74 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

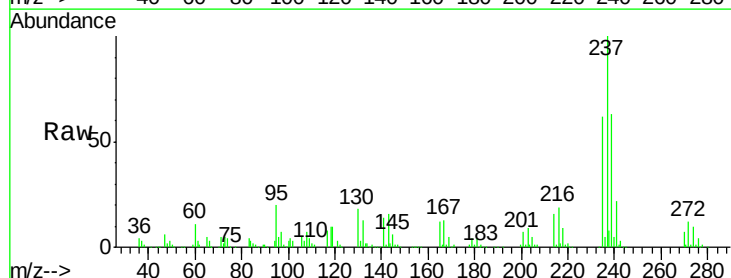
Tgt Ion:237 Resp: 213068

Ion Ratio Lower Upper

237 100

235 61.7 50.4 90.4

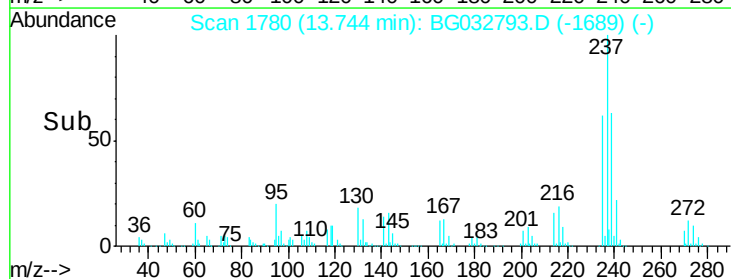
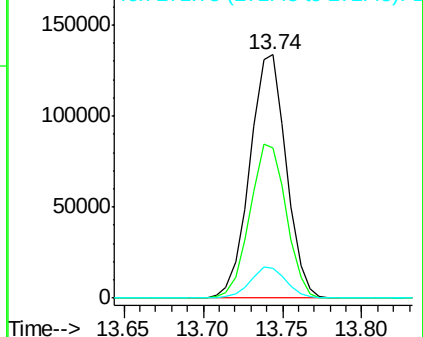
272 12.4 0.0 31.8

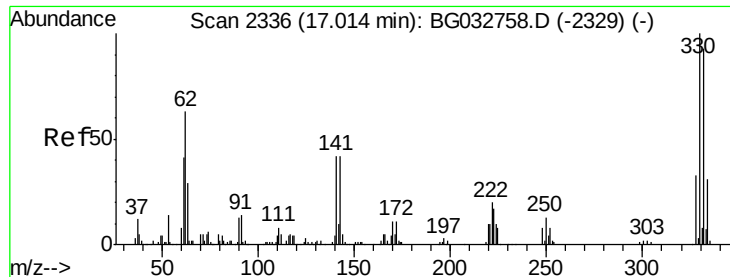


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

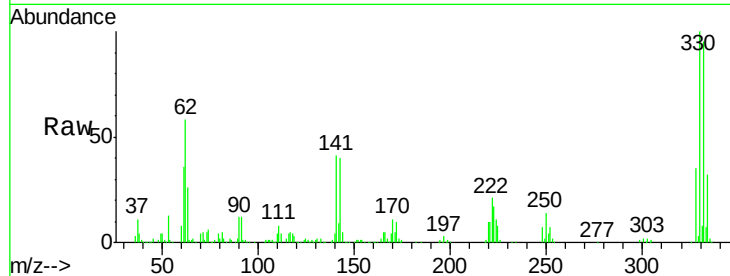




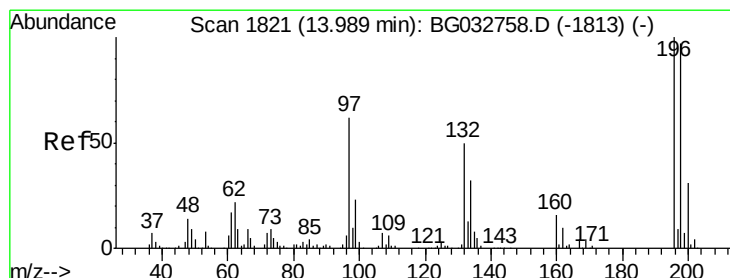
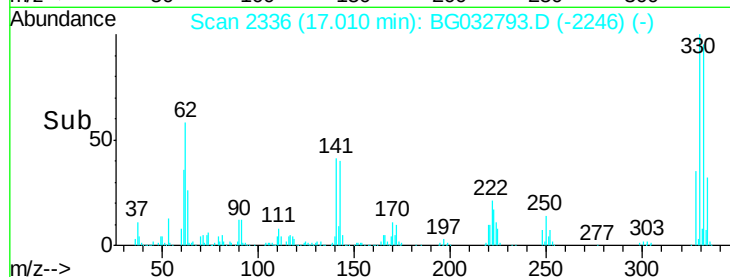
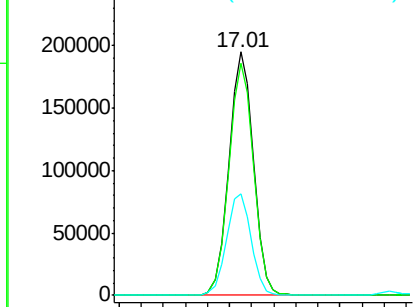
#41
 2,4,6-Tribromophenol
 Concen: 160.95 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion:330 Resp: 304003
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 41.9 25.2 37.8#

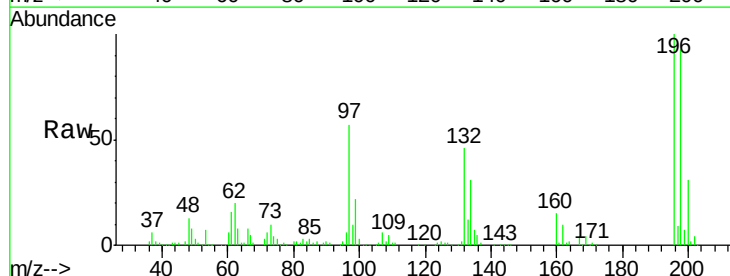


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

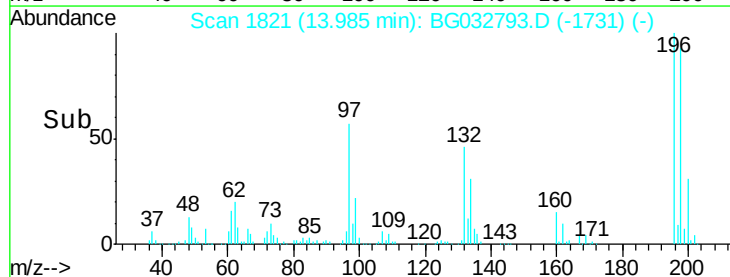
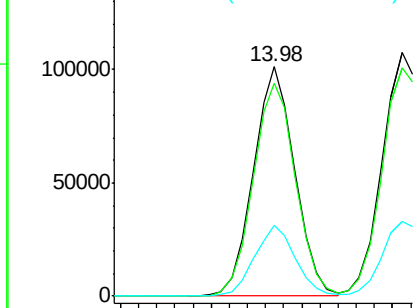


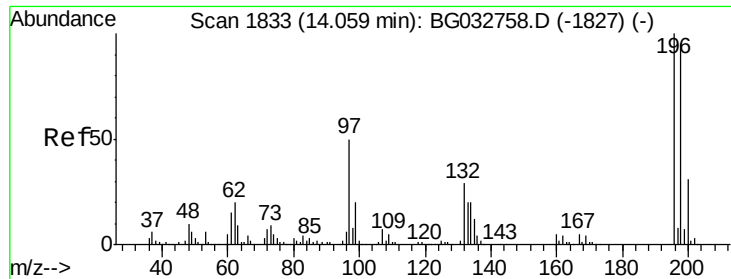
#42
 2,4,6-Trichlorophenol
 Concen: 47.86 ng
 RT: 13.98 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion:196 Resp: 160945
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.2 117.2
 200 31.0 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

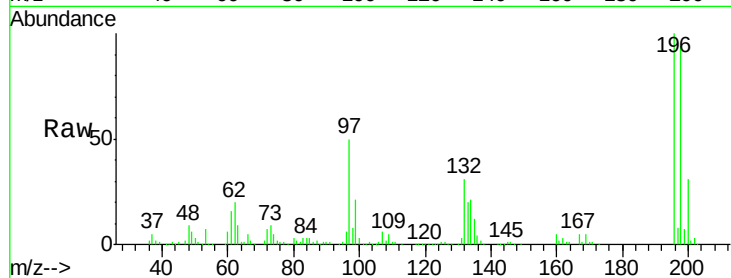




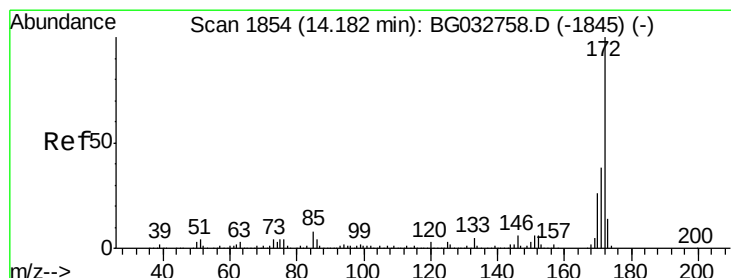
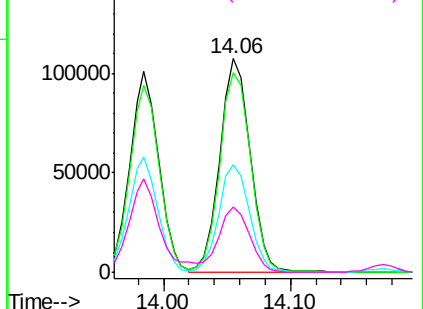
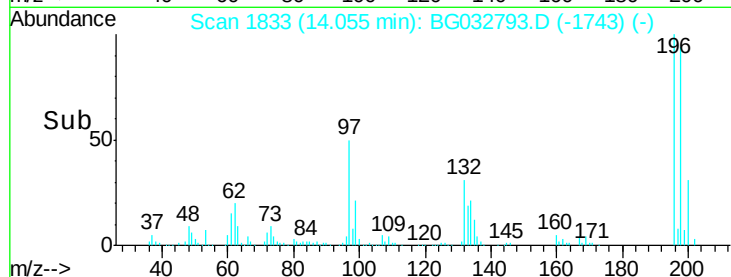
#43
 2,4,5-Trichlorophenol
 Concen: 45.76 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion:196 Resp: 178094
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.4
 97 50.3 38.7 58.1
 132 30.9 20.2 30.2#

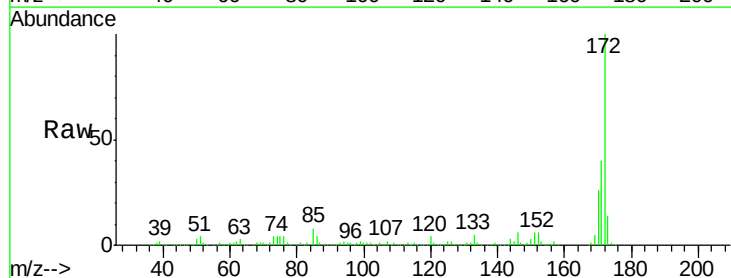


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

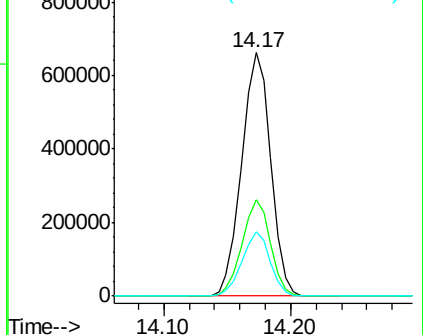
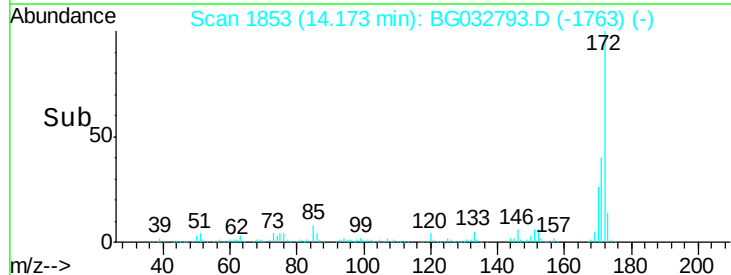


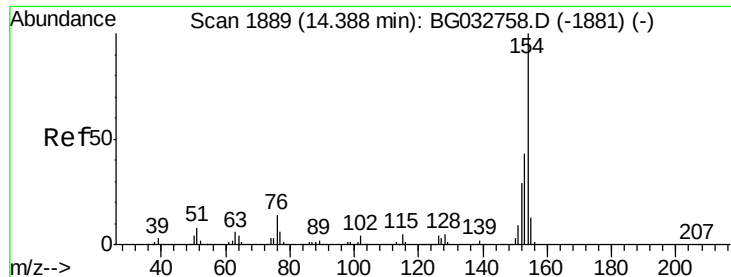
#44
 2-Fluorobiphenyl
 Concen: 84.34 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion:172 Resp: 1050519
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 26.2 19.5 29.3



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

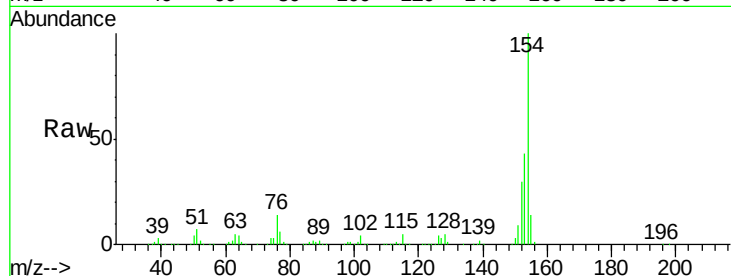




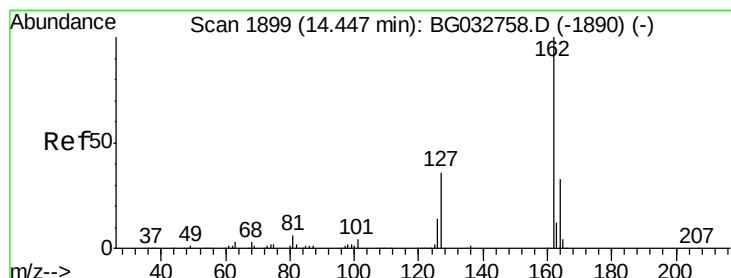
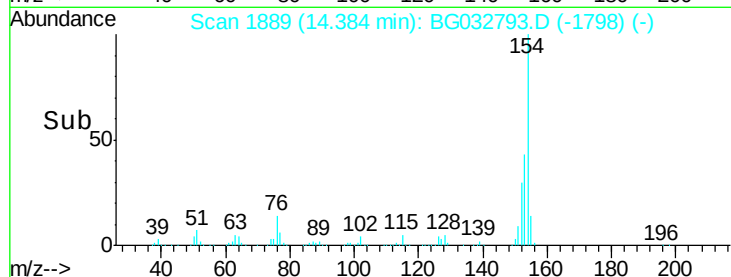
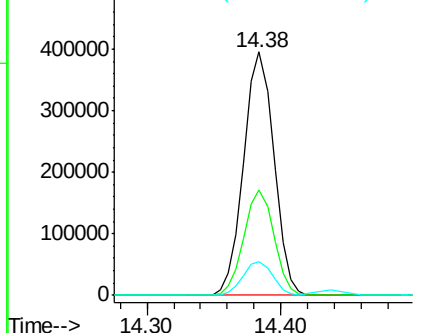
#45
 1,1'-Biphenyl
 Concen: 39.53 ng
 RT: 14.38 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.8	59.8
76	14.1	0.0	31.9

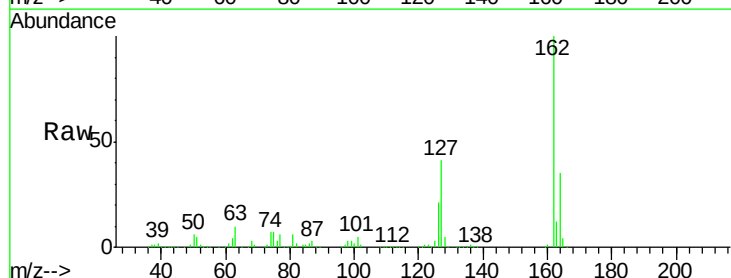


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

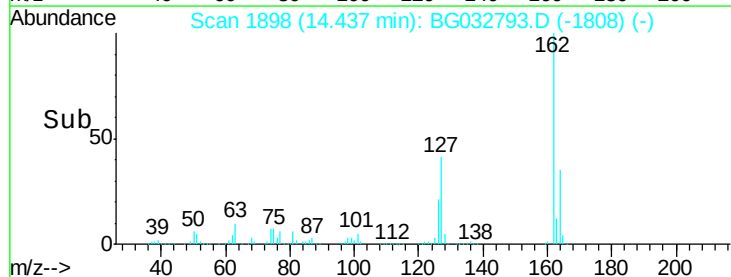
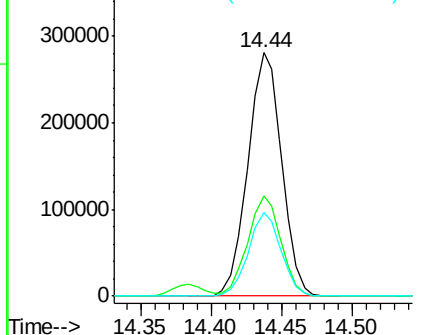


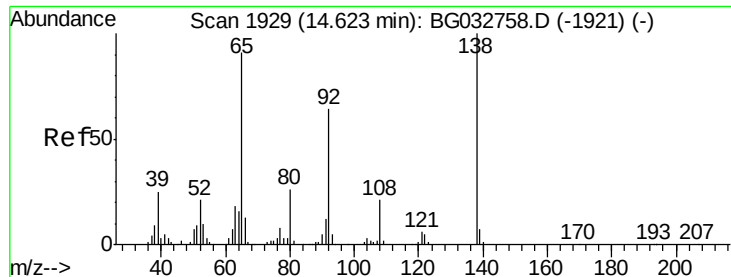
#46
 2-Chloronaphthalene
 Concen: 40.13 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	30.7	46.1
164	34.5	26.0	39.0



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

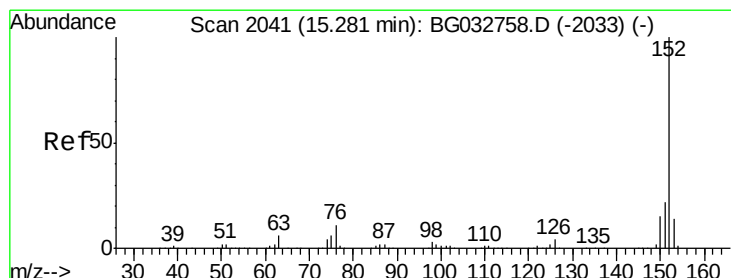
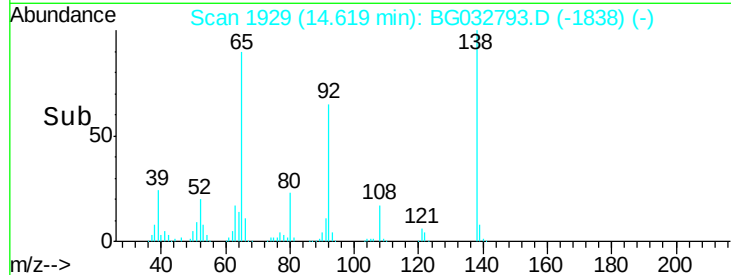
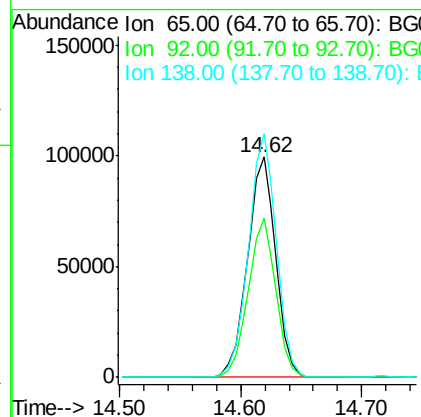
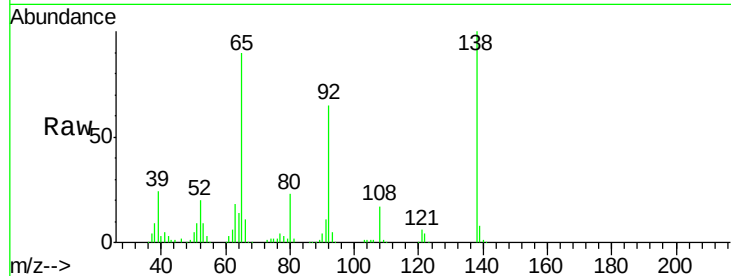




#47
 2-Nitroaniline
 Concen: 53.30 ng
 RT: 14.62 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

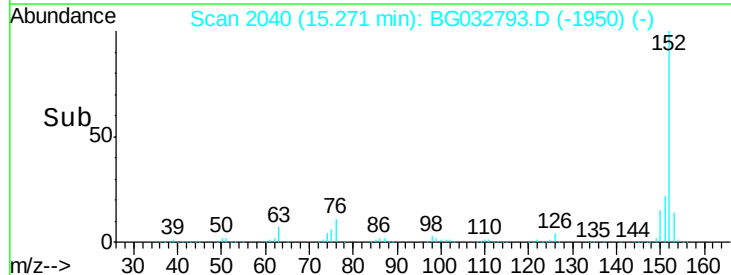
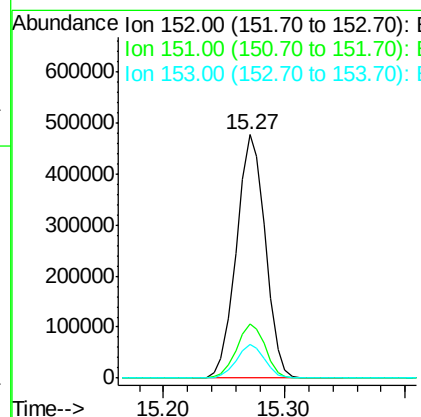
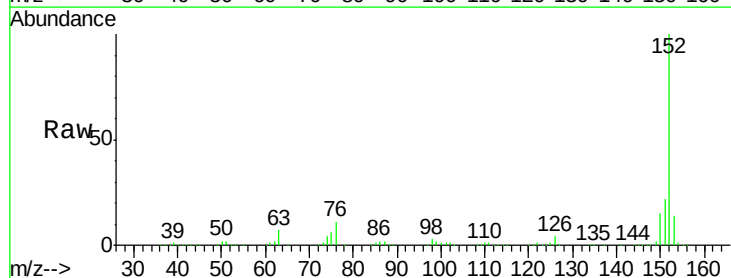
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

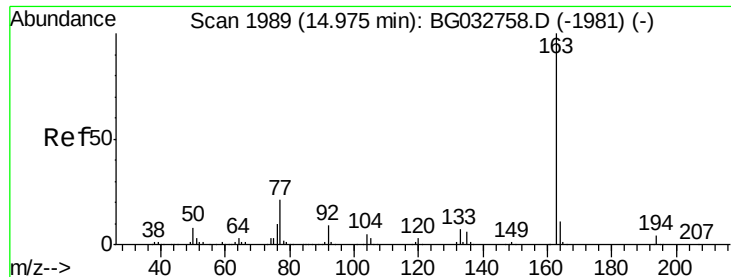
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	54.6	82.0
138	110.5	72.9	109.3



#48
 Acenaphthylene
 Concen: 41.35 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	13.8	10.2	15.4





#49

Dimethylphthalate

Concen: 42.45 ng

RT: 14.97 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

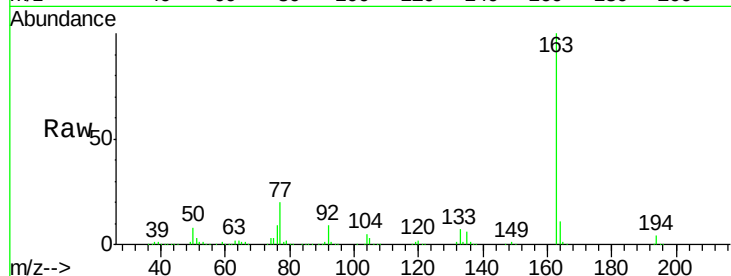
Tot Ion:163 Resp: 647545

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

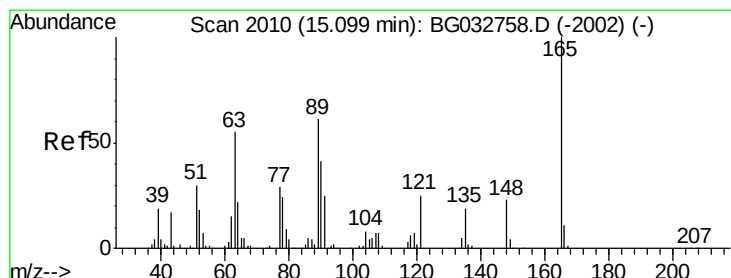
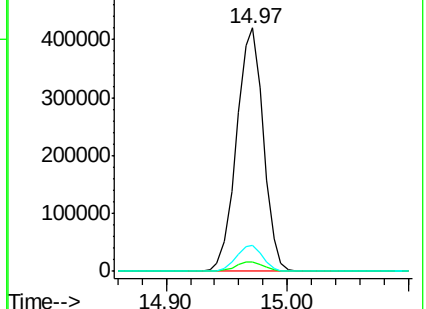
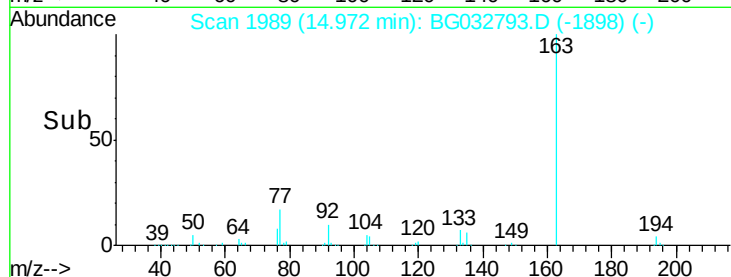
164 10.6 8.2 12.4



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: 53.63 ng

RT: 15.09 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

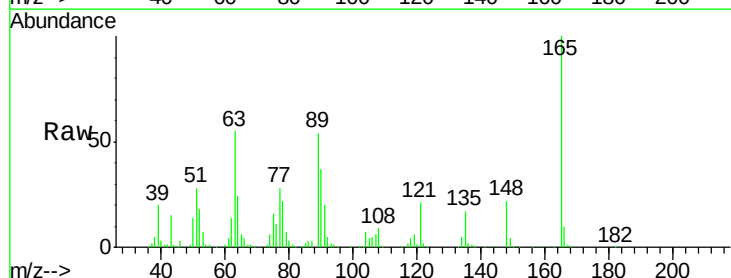
Tgt Ion:165 Resp: 138641

Ion Ratio Lower Upper

165 100

63 54.6 52.7 79.1

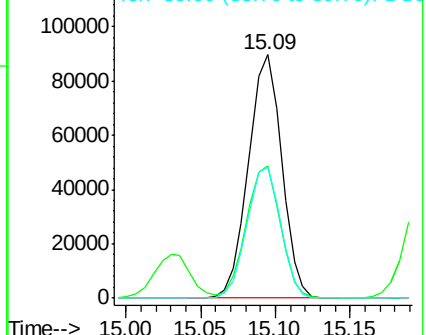
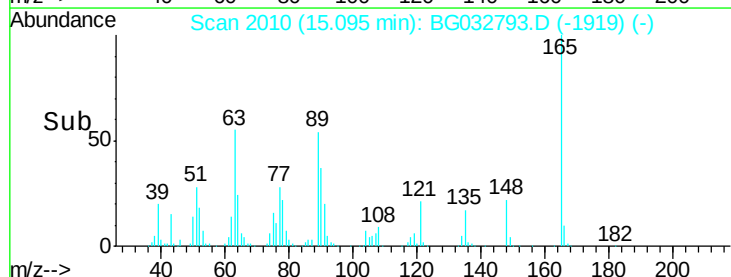
89 53.8 49.2 73.8

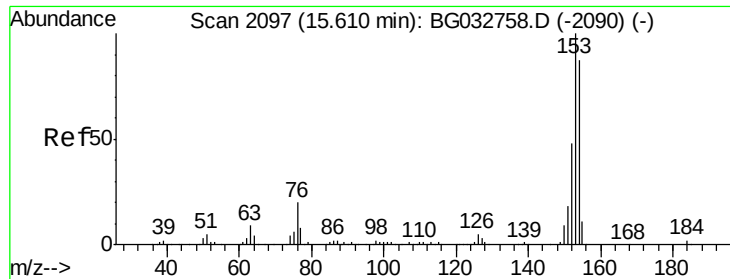


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.27 ng

RT: 15.61 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

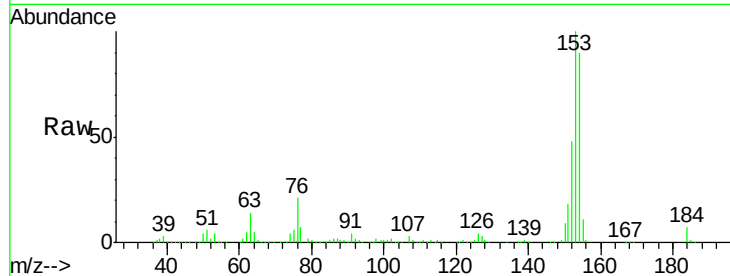
Tot Ion:154 Resp: 541300

Ion Ratio Lower Upper

154 100

153 110.9 90.4 135.6

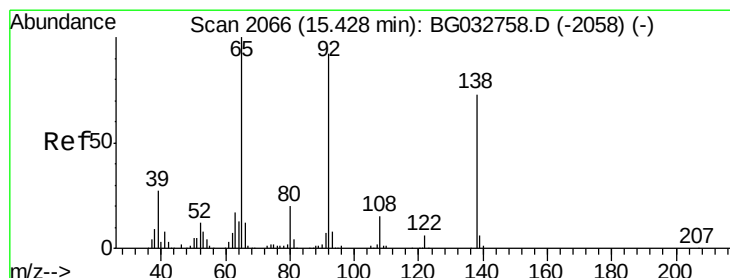
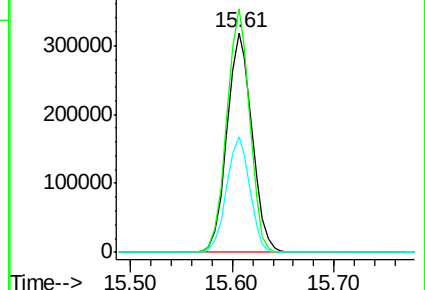
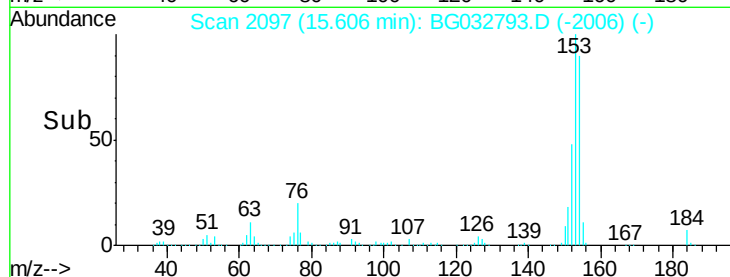
152 52.8 41.6 62.4



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: 31.03 ng

RT: 15.42 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

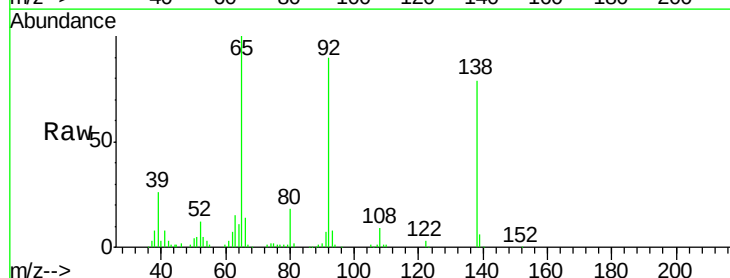
Tgt Ion:138 Resp: 87026

Ion Ratio Lower Upper

138 100

108 11.5 17.5 26.3#

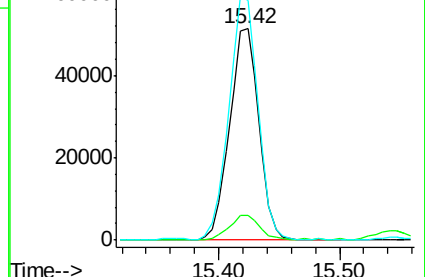
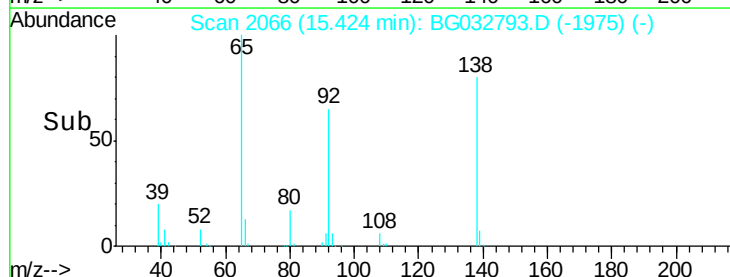
92 113.8 105.8 158.8

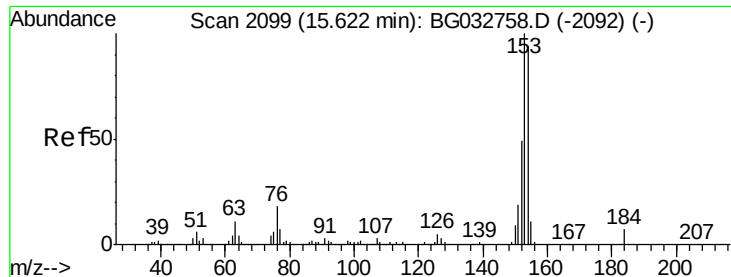


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

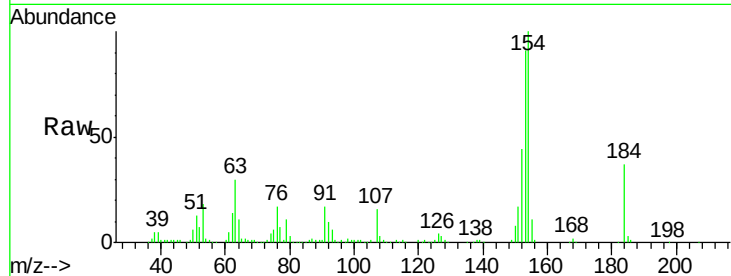




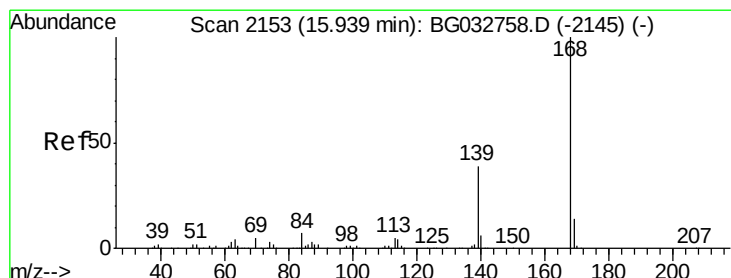
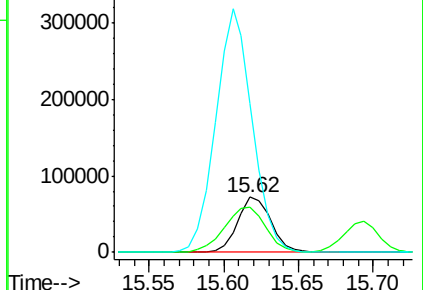
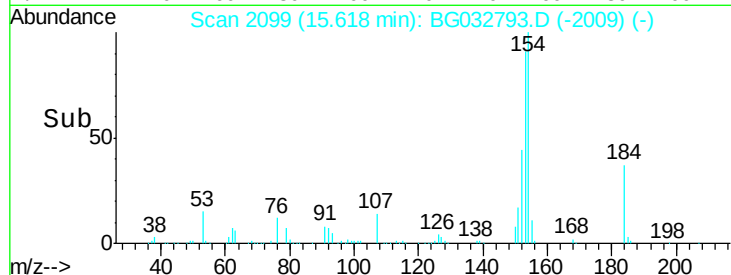
#53
2,4-Dinitrophenol
Concen: 119.46 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion:184 Resp: 113120
Ion Ratio Lower Upper
184 100
63 82.0 59.8 89.8
154 272.6 101.8 152.8#

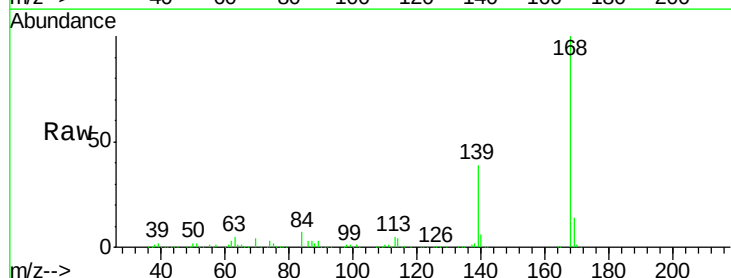


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

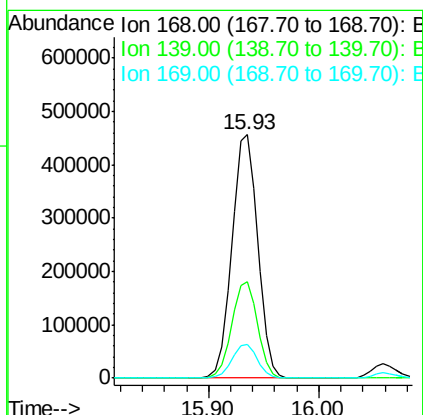
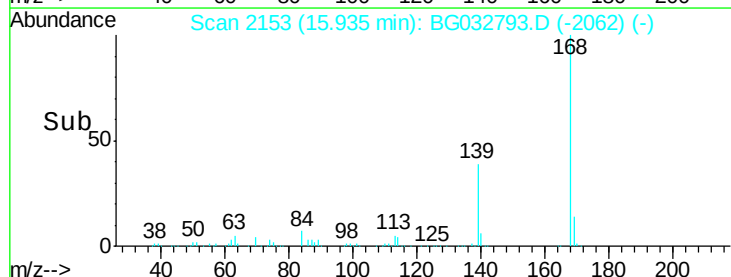


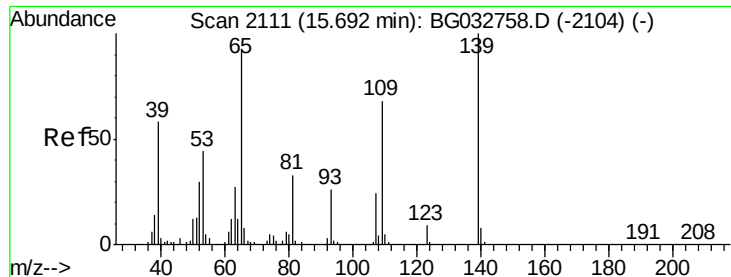
#54
Dibenzofuran
Concen: 43.89 ng
RT: 15.93 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:168 Resp: 747264
Ion Ratio Lower Upper
168 100
139 39.5 28.6 43.0
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

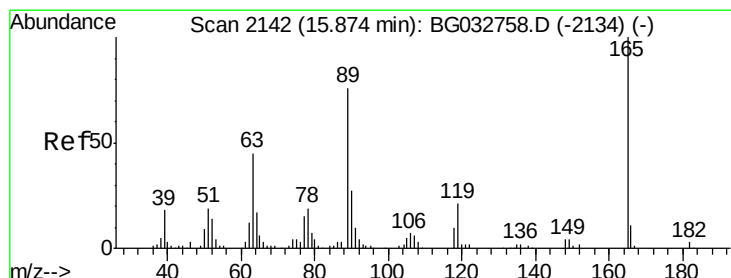
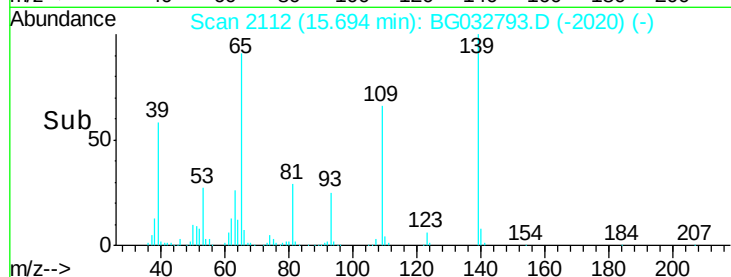
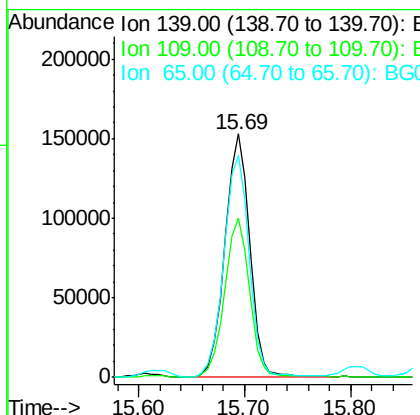
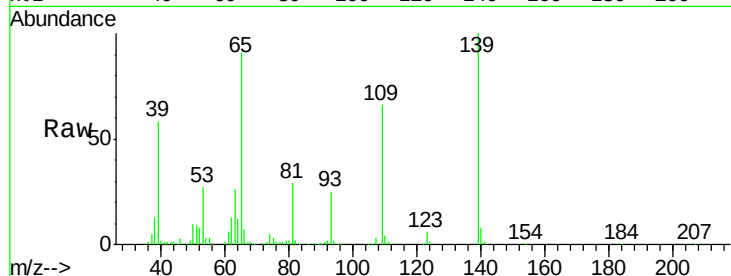




#55
4-Nitrophenol
Concen: 98.21 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

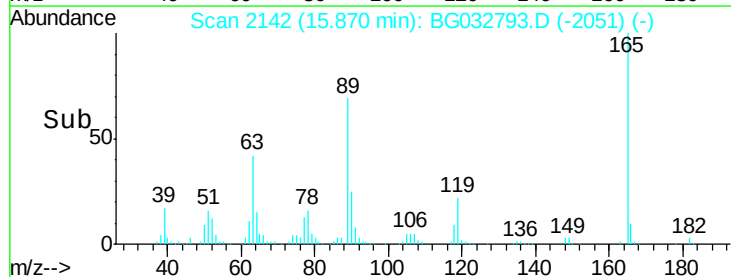
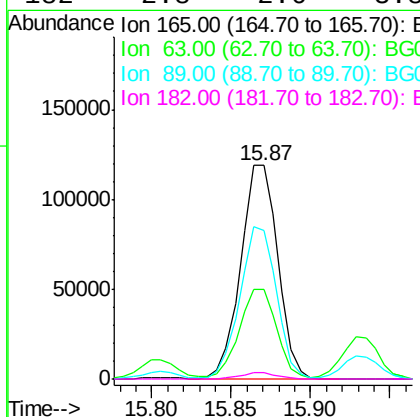
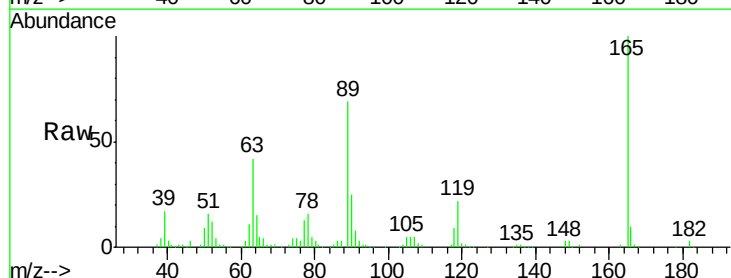
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

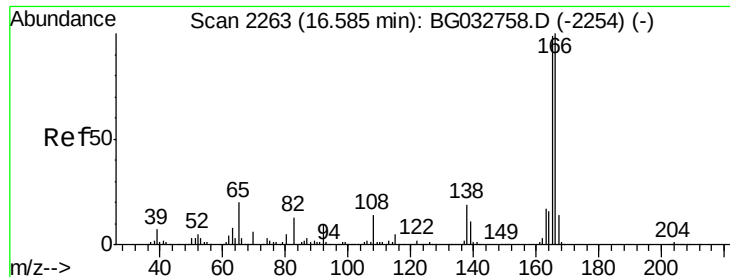
Tot Ion:139 Resp: 249724
Ion Ratio Lower Upper
139 100
109 65.5 62.2 102.2
65 91.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 60.85 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:165 Resp: 193145
Ion Ratio Lower Upper
165 100
63 42.1 42.0 63.0
89 69.5 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 43.65 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

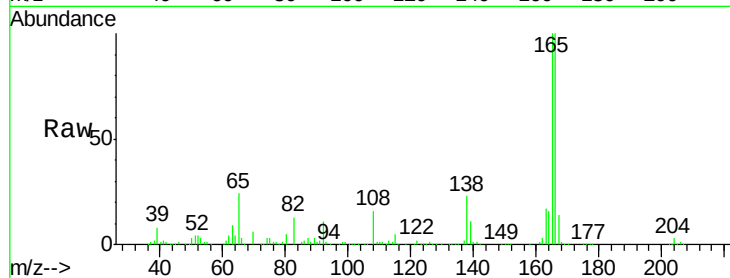
Tot Ion:166 Resp: 613307

Ion Ratio Lower Upper

166 100

165 99.9 80.6 121.0

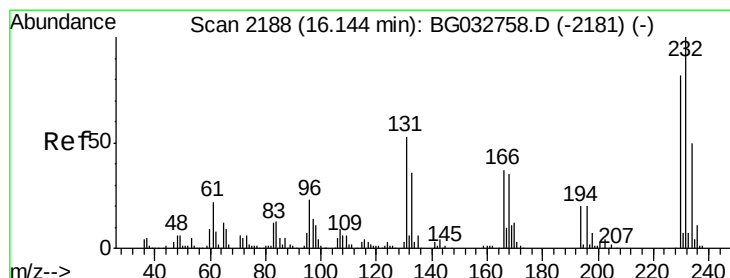
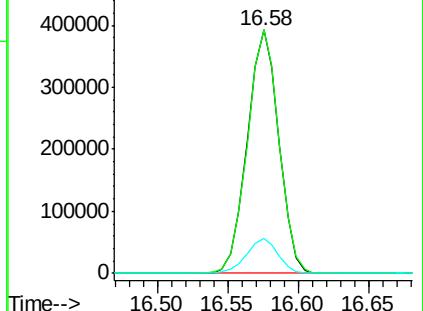
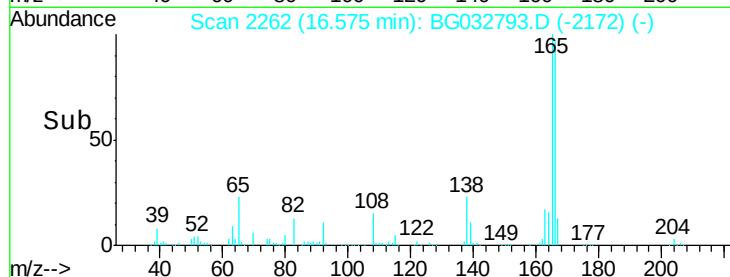
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.87 ng m

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Tgt Ion:232 Resp: 159764

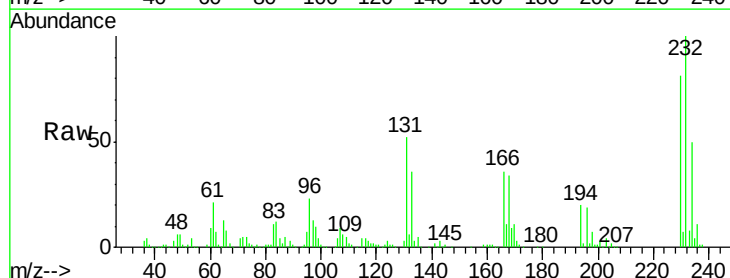
Ion Ratio Lower Upper

232 100

131 43.2 33.5 50.3

130 2.7 2.2 3.2

166 26.8 24.8 37.2

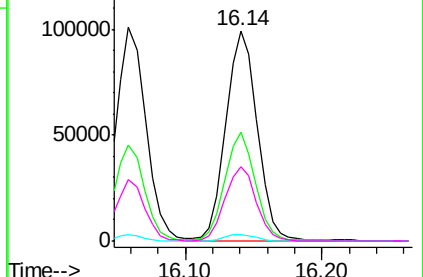
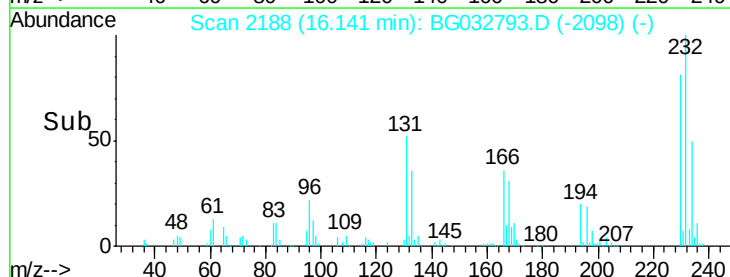


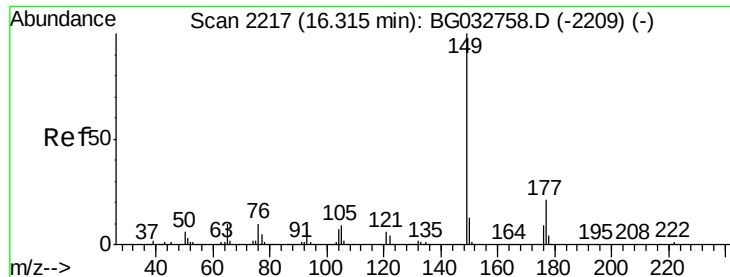
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.49 ng

RT: 16.31 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

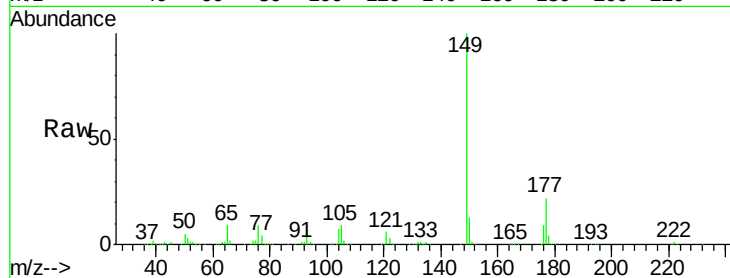
Tot Ion:149 Resp: 699600

Ion Ratio Lower Upper

149 100

177 22.2 18.5 27.7

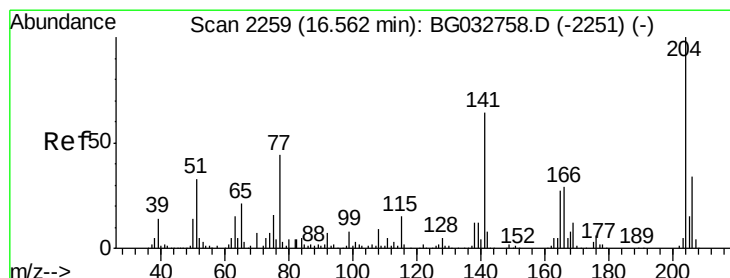
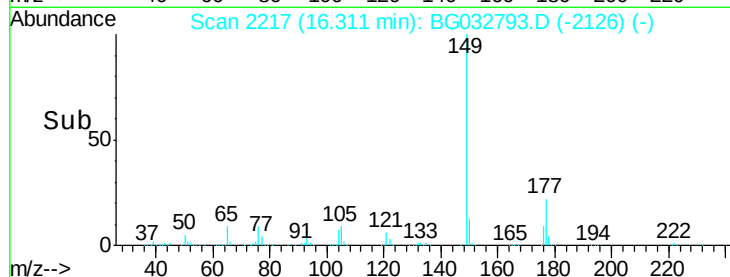
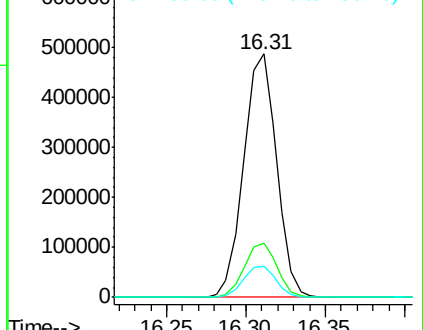
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.74 ng

RT: 16.55 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

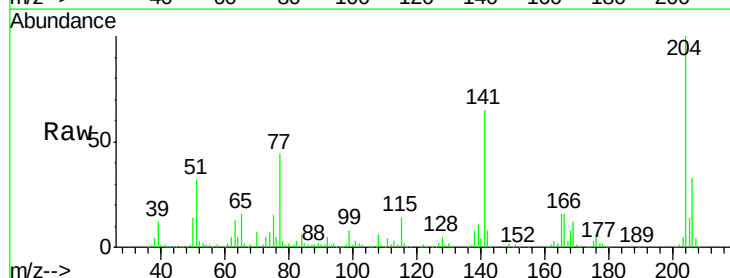
Tgt Ion:204 Resp: 300658

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

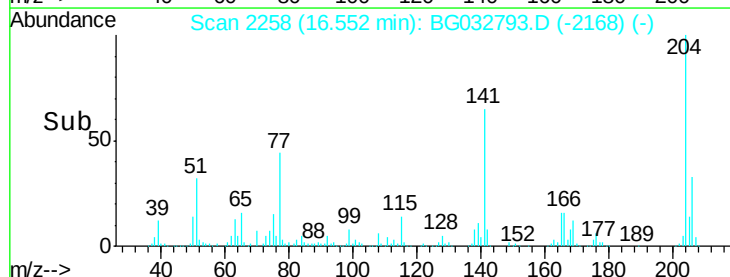
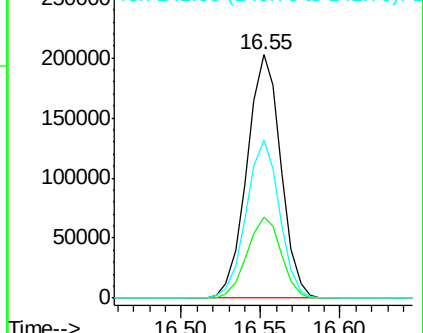
141 64.9 45.8 68.6

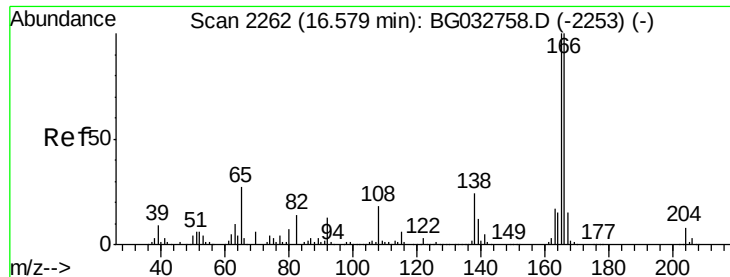


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.54 ng

RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

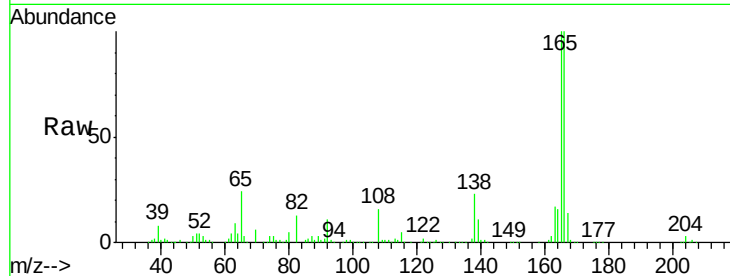
Tot Ion:138 Resp: 153067

Ion Ratio Lower Upper

138 100

92 47.8 40.1 80.1

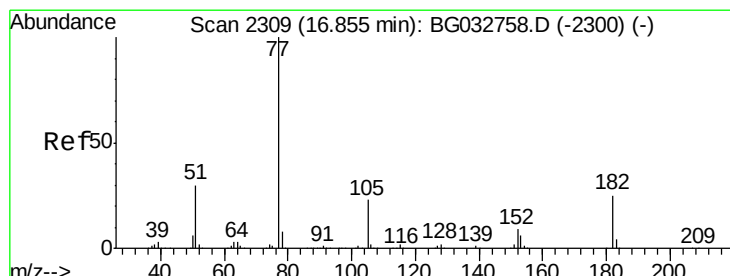
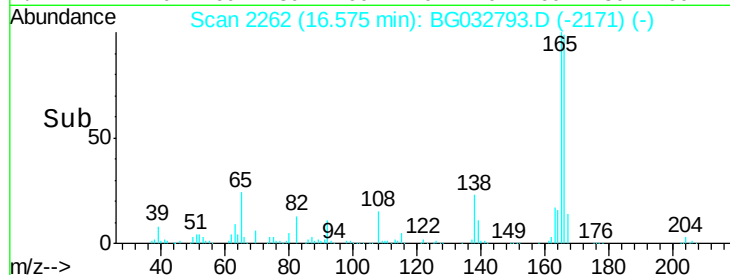
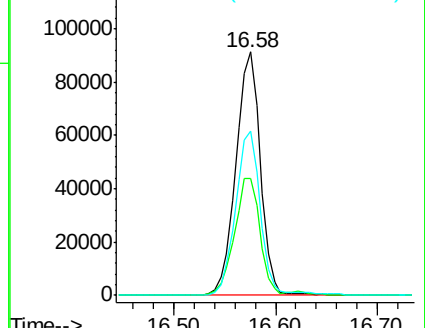
108 67.6 65.4 105.4



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: 44.05 ng

RT: 16.85 min Scan# 2308

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Tgt Ion: 77 Resp: 634008

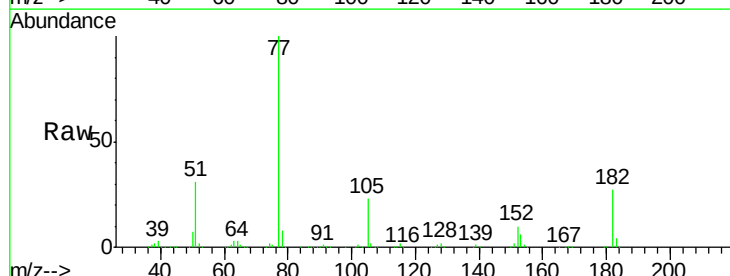
Ion Ratio Lower Upper

77 100

182 26.5 7.4 47.4

105 22.9 0.3 40.3

51 30.8 11.6 51.6

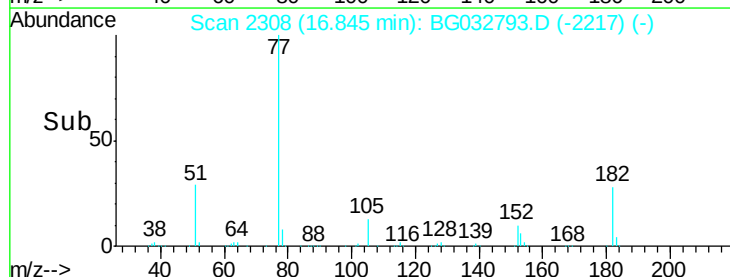
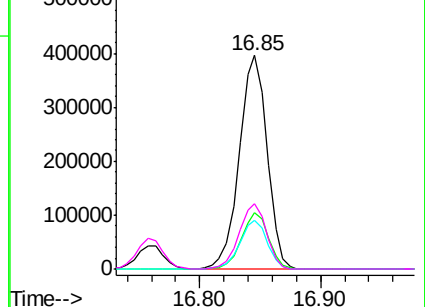


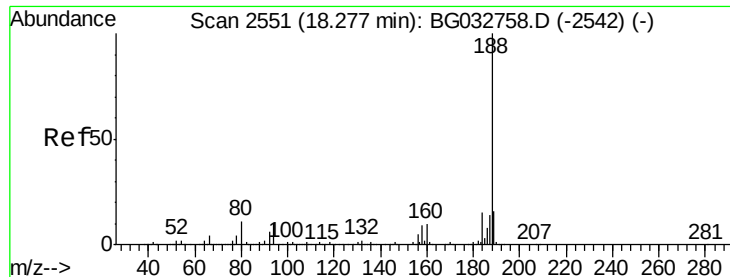
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

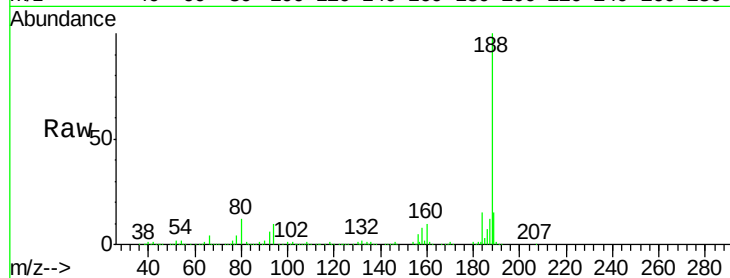
Tot Ion:188 Resp: 421028

Ion Ratio Lower Upper

188 100

94 9.9 6.9 10.3

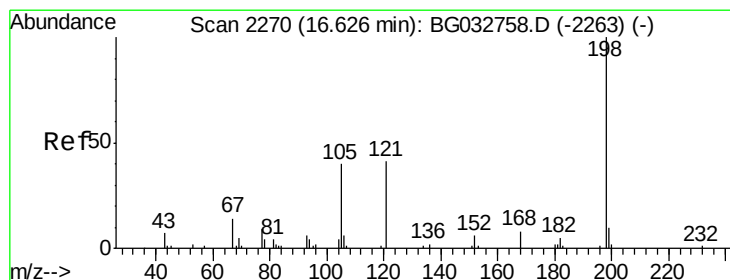
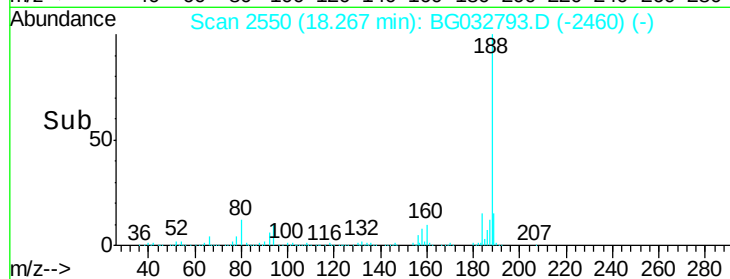
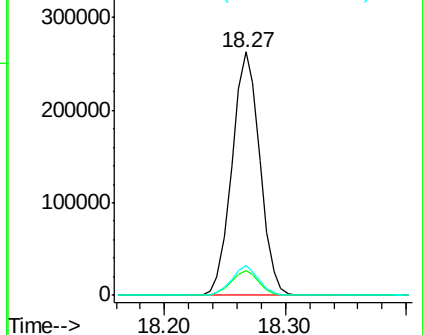
80 12.1 7.7 11.5#



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: 58.72 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

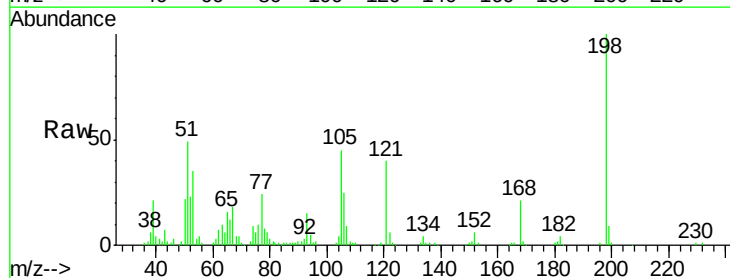
Tgt Ion:198 Resp: 78537

Ion Ratio Lower Upper

198 100

51 48.5 30.6 70.6

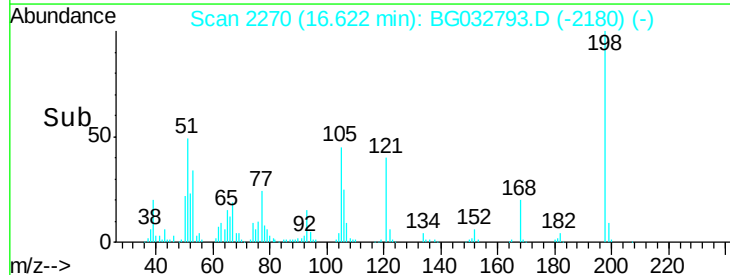
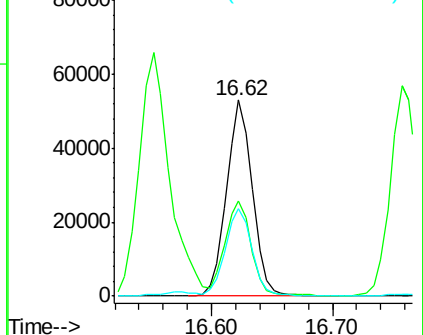
105 44.9 23.8 63.8

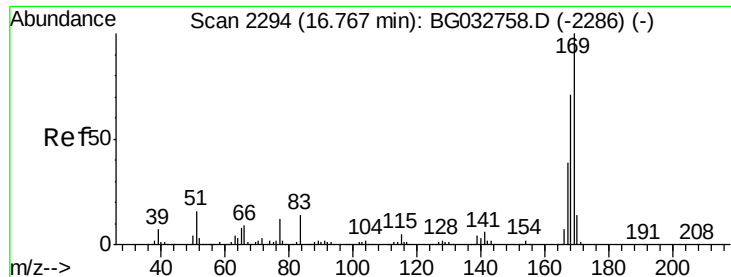


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

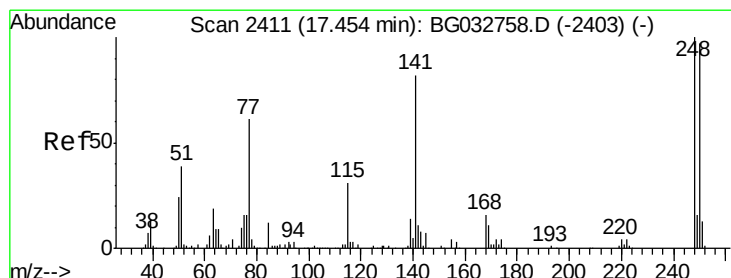
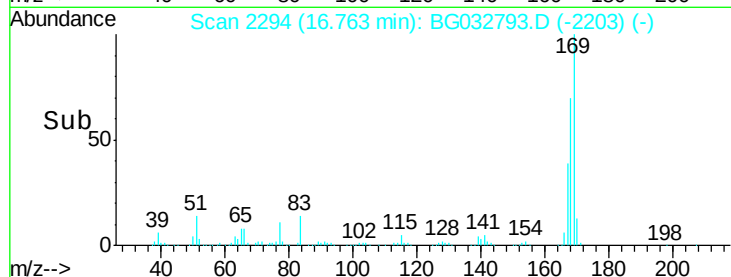
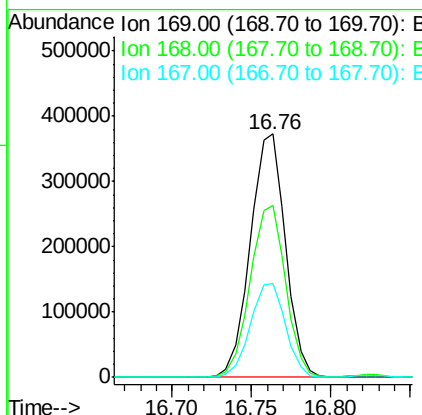
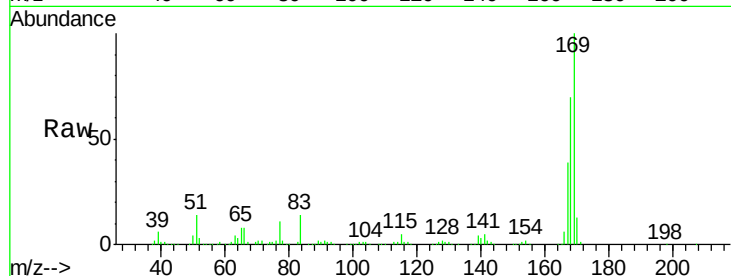




#65
n-Nitrosodiphenylamine
Concen: 41.92 ng
RT: 16.76 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

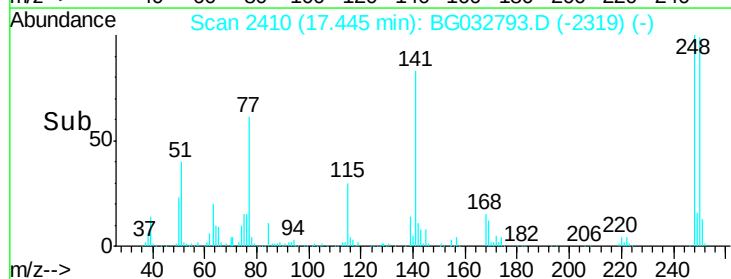
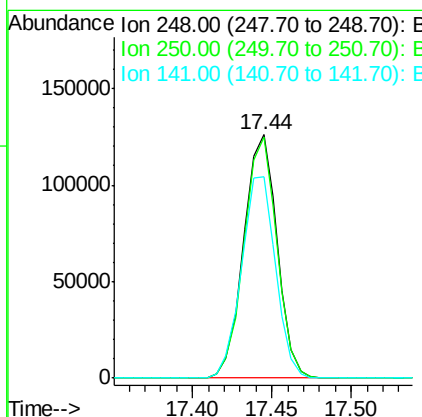
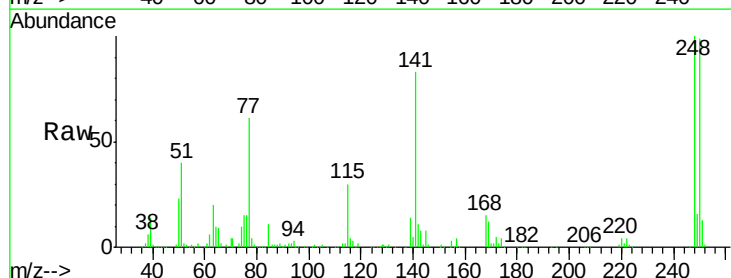
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

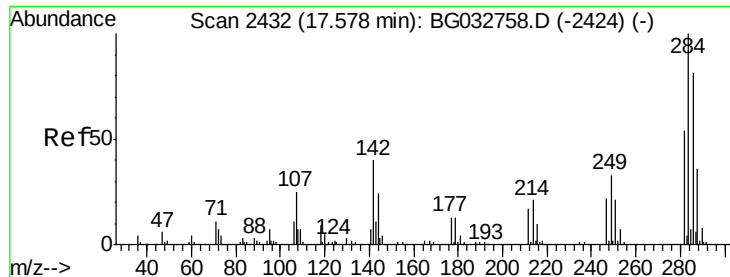
Tot Ion:169 Resp: 574168
Ion Ratio Lower Upper
169 100
168 70.4 55.7 83.5
167 38.5 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 41.45 ng
RT: 17.44 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:248 Resp: 184518
Ion Ratio Lower Upper
248 100
250 99.3 77.1 115.7
141 82.7 50.8 76.2#





#67

Hexachlorobenzene

Concen: 40.31 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

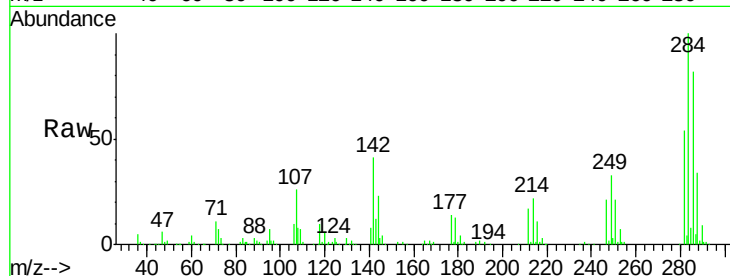
Tot Ion:284 Resp: 193911

Ion Ratio Lower Upper

284 100

142 40.7 26.8 40.2#

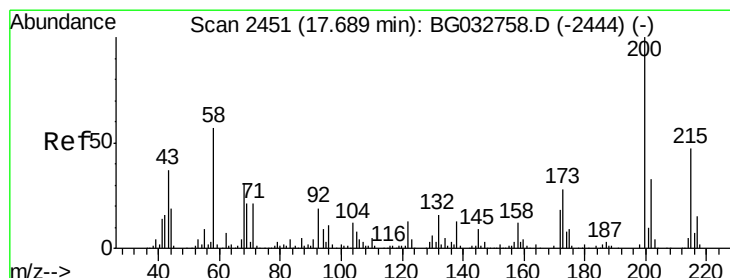
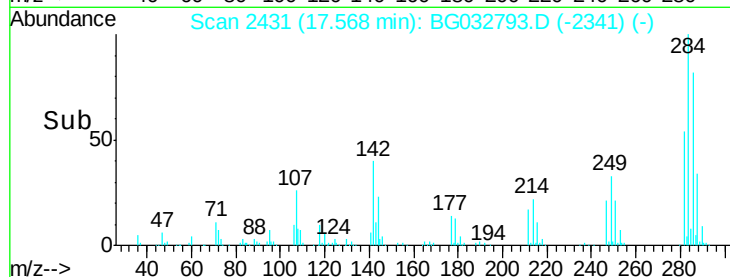
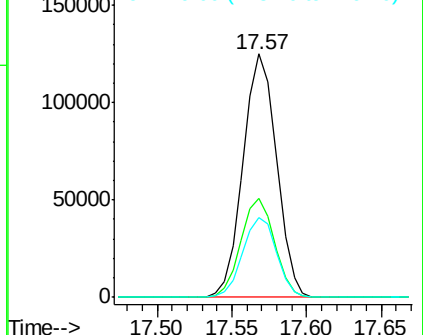
249 32.9 26.3 39.5



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: 44.56 ng

RT: 17.68 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

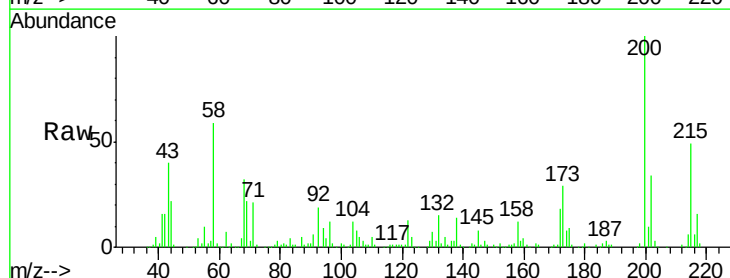
Tgt Ion:200 Resp: 200902

Ion Ratio Lower Upper

200 100

173 29.2 5.2 45.2

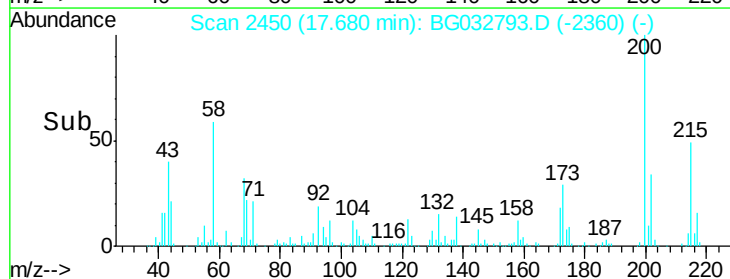
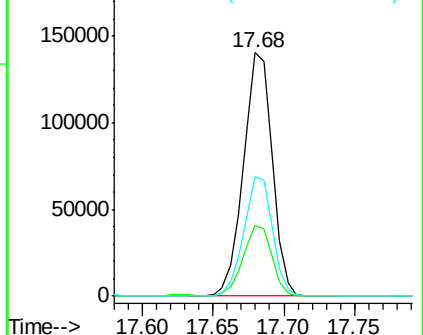
215 49.2 30.4 70.4

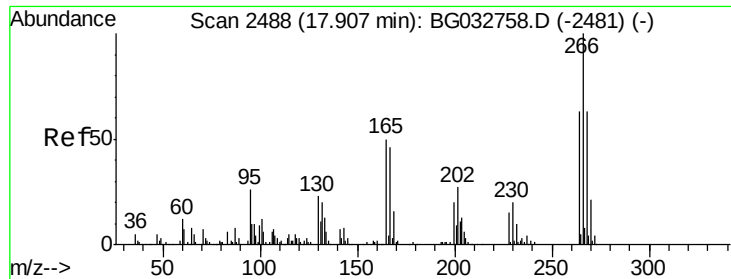


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 87.29 ng

RT: 17.90 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

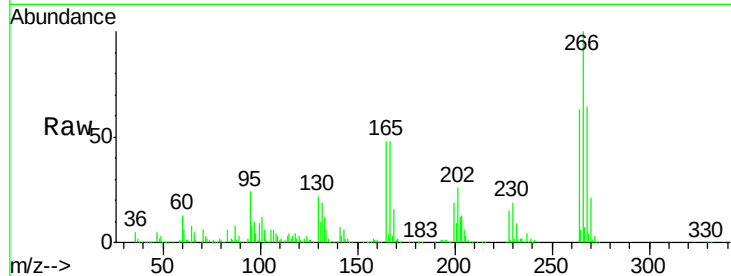
Tot Ion:266 Resp: 264533

Ion Ratio Lower Upper

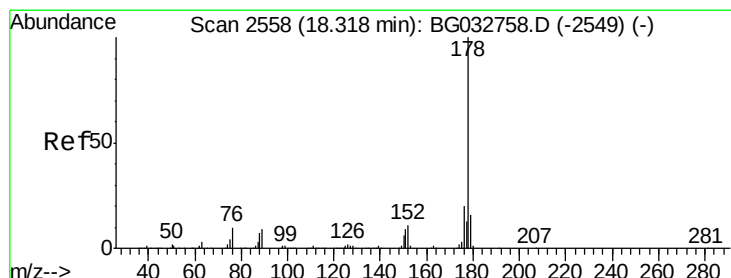
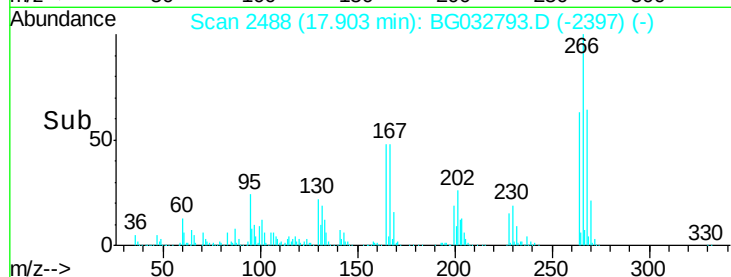
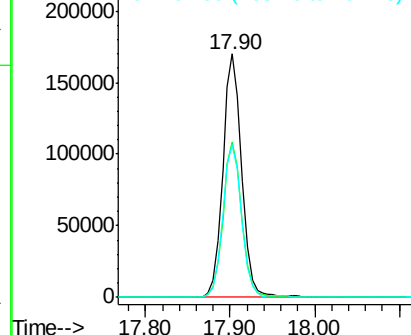
266 100

268 63.6 51.1 76.7

264 62.7 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: 42.39 ng

RT: 18.31 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

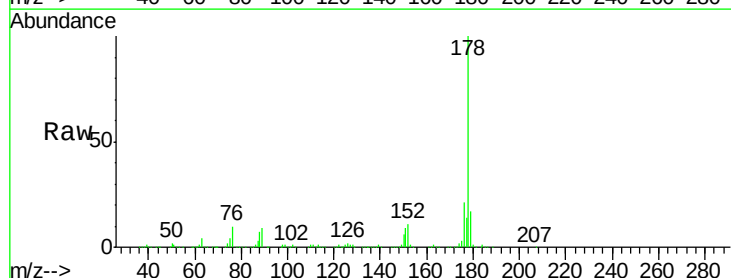
Tgt Ion:178 Resp: 995749

Ion Ratio Lower Upper

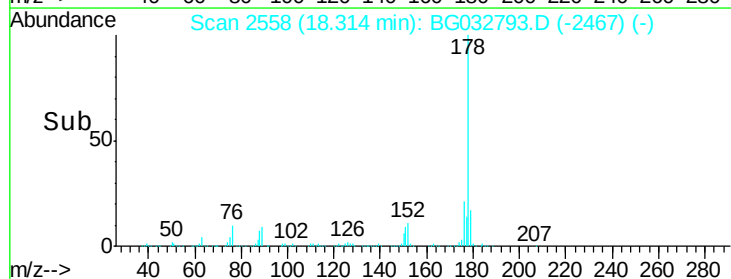
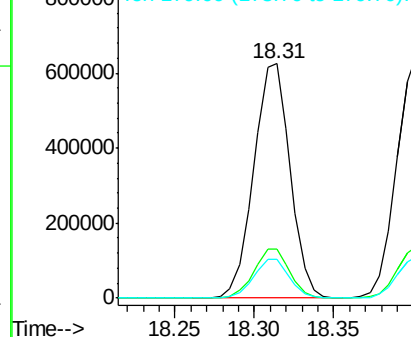
178 100

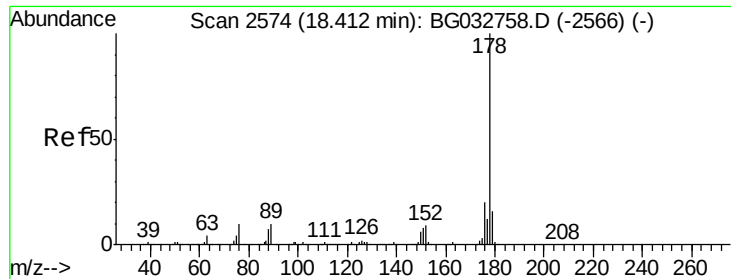
176 20.9 15.7 23.5

179 16.8 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: 43.05 ng

RT: 18.40 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

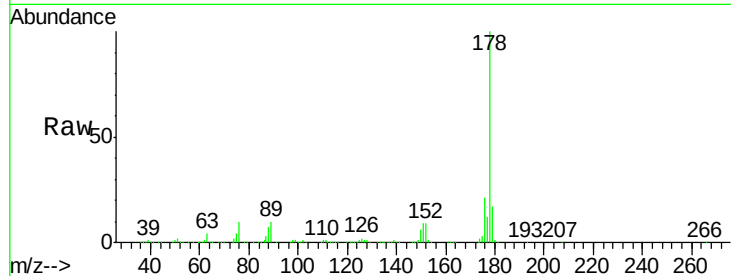
Tot Ion:178 Resp: 1015302

Ion Ratio Lower Upper

178 100

176 21.2 16.0 24.0

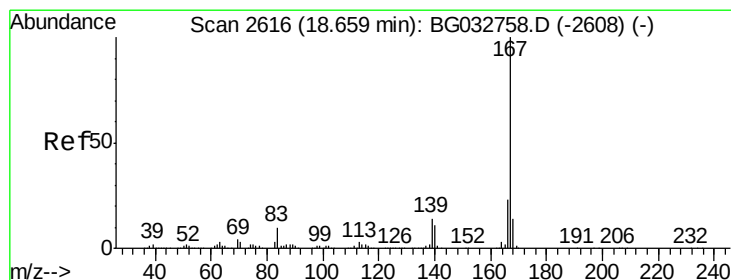
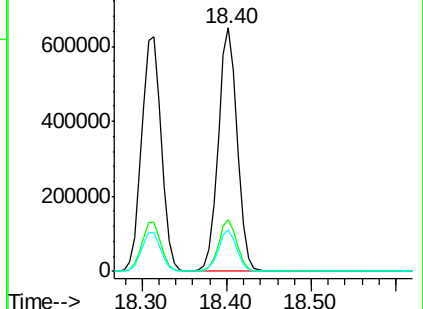
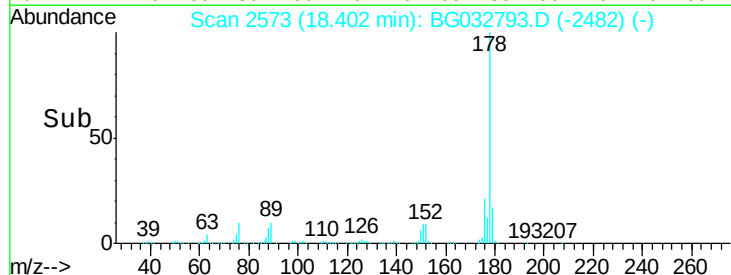
179 17.0 12.5 18.7



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



#72

Carbazole

Concen: 41.86 ng

RT: 18.65 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

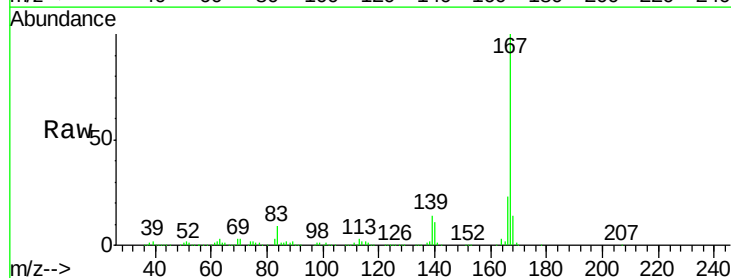
Tgt Ion:167 Resp: 972973

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

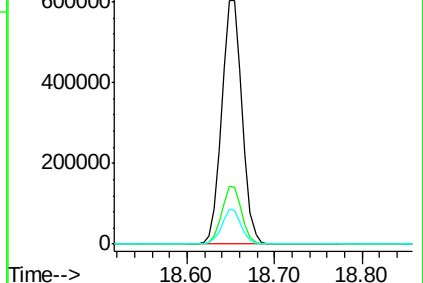
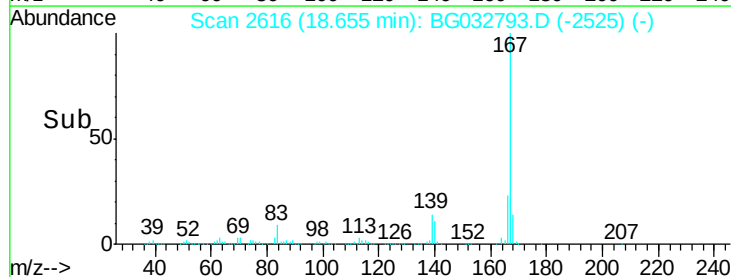
139 14.1 9.4 14.2

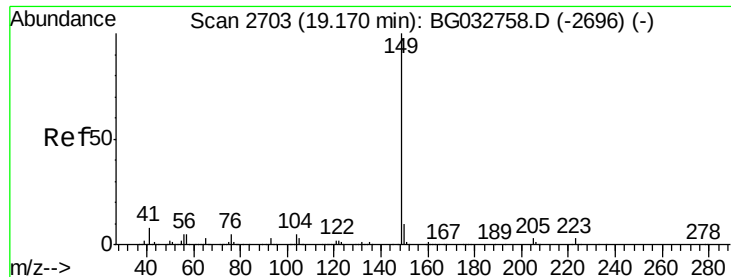


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.95 ng

RT: 19.16 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

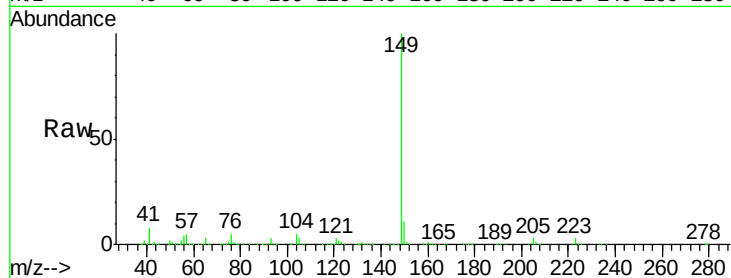
BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:149 Resp: 1196153

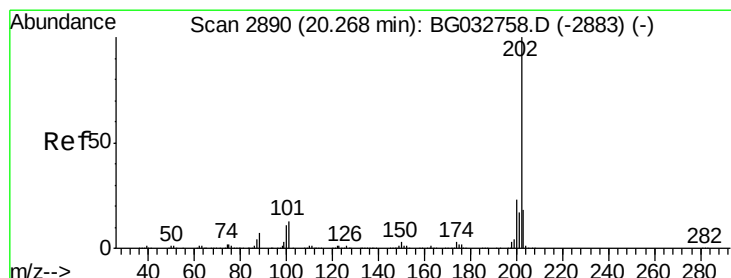
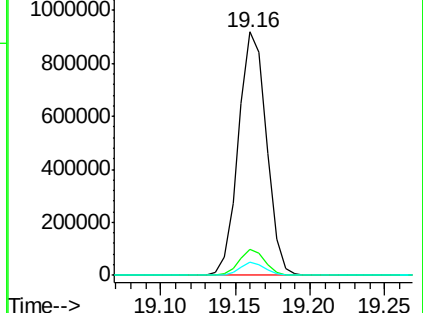
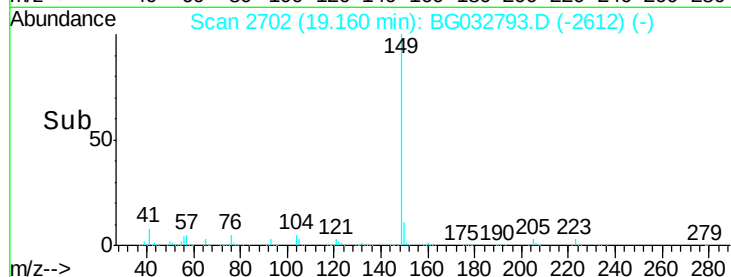
Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.6
104	5.2	3.9	5.9



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: 43.34 ng

RT: 20.26 min Scan# 2889

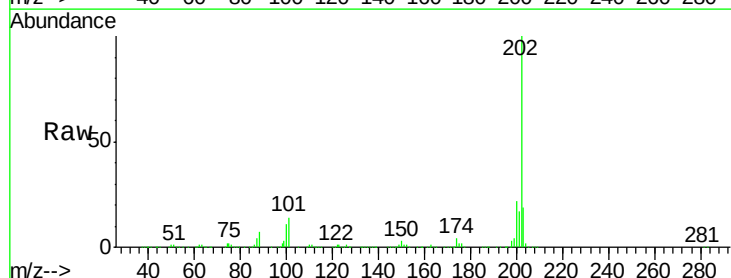
Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Tgt Ion:202 Resp: 1124499

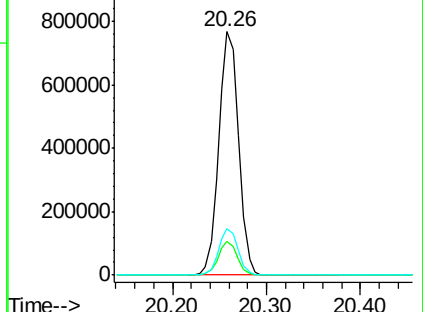
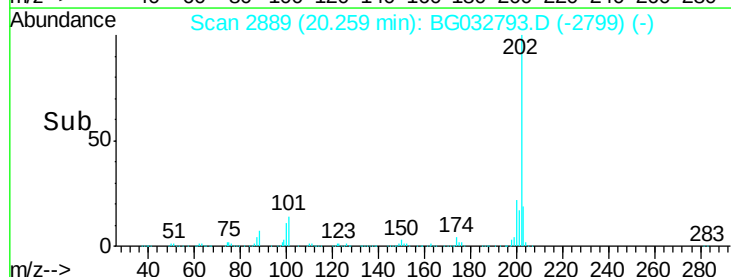
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	28.9
203	19.1	0.0	37.5

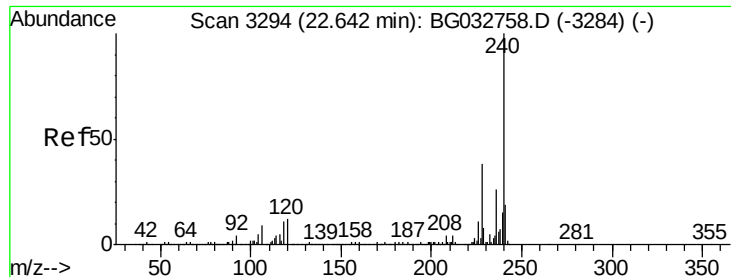


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3292

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

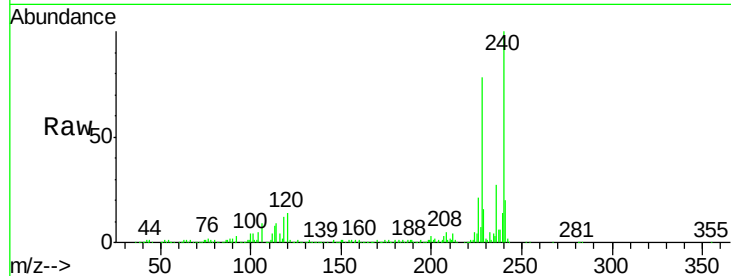
Tot Ion:240 Resp: 403516

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

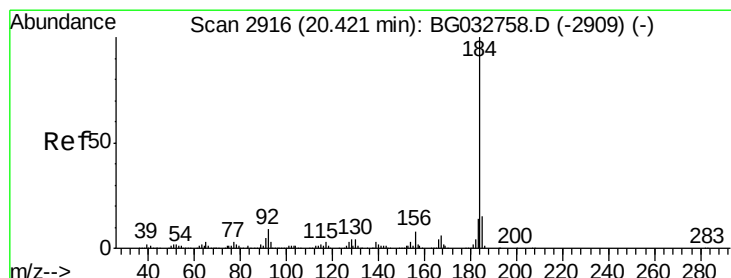
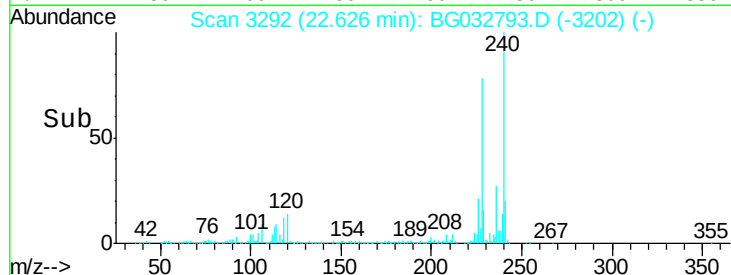
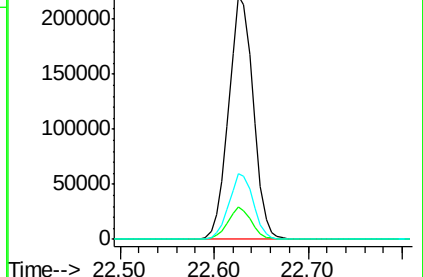
236 26.9 20.9 31.3



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: 8.29 ng

RT: 20.41 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

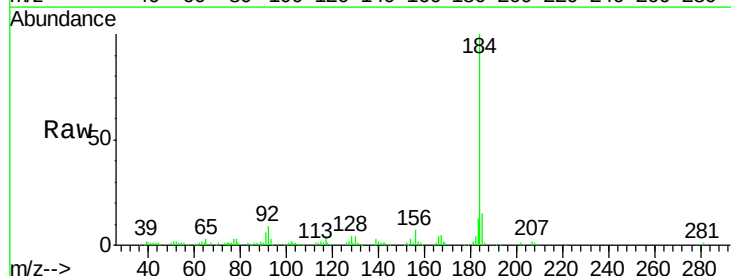
Tgt Ion:184 Resp: 114015

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

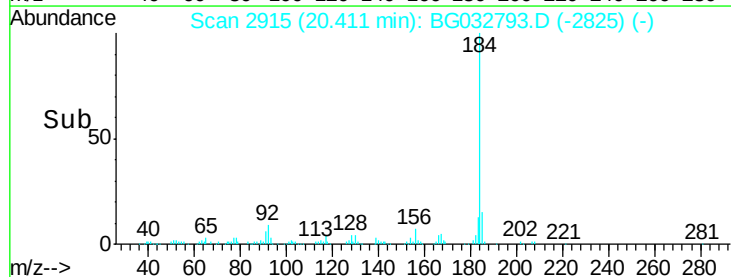
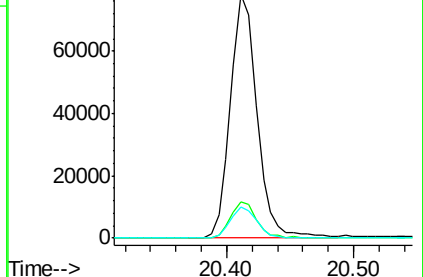
183 12.8 10.6 16.0

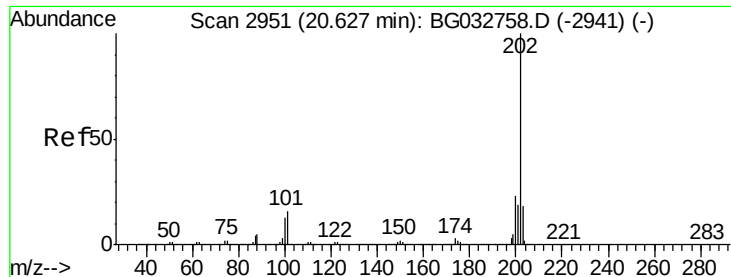


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.84 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

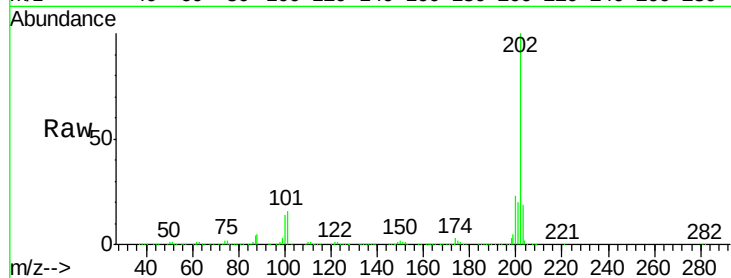
Tot Ion:202 Resp: 1133829

Ion Ratio Lower Upper

202 100

200 23.3 16.9 25.3

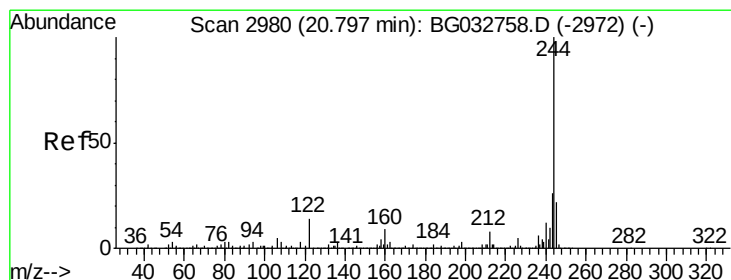
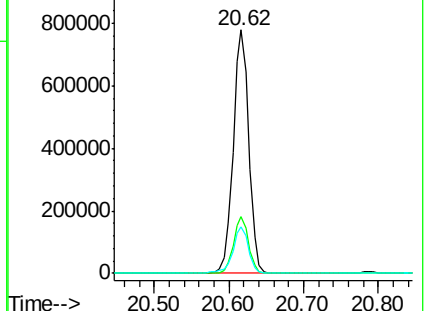
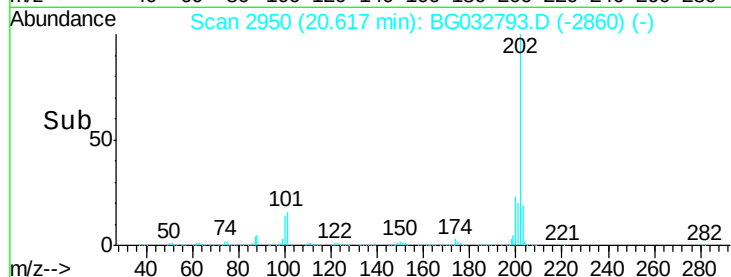
203 19.2 13.9 20.9



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: 91.78 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

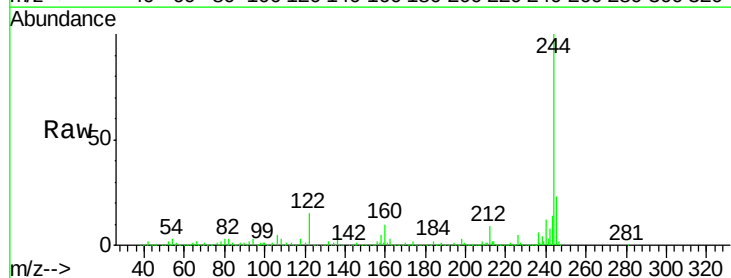
Tgt Ion:244 Resp: 1648415

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

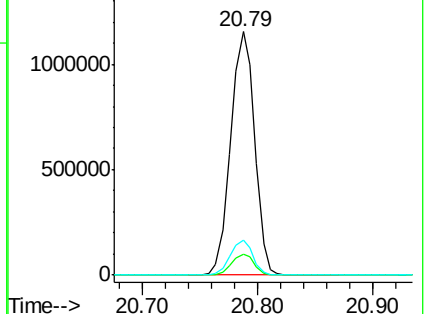
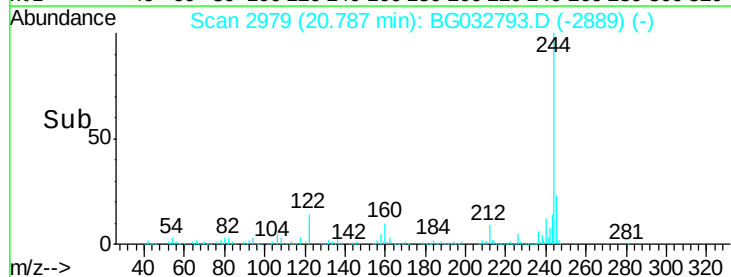
122 14.5 7.0 10.4#

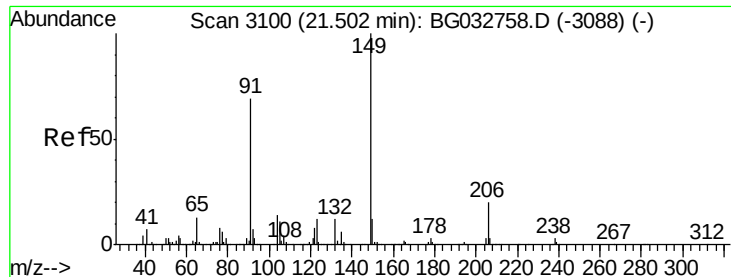


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

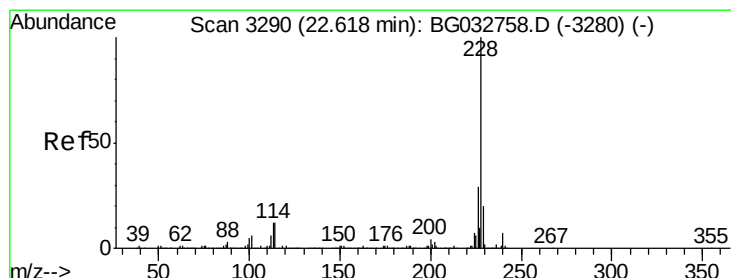
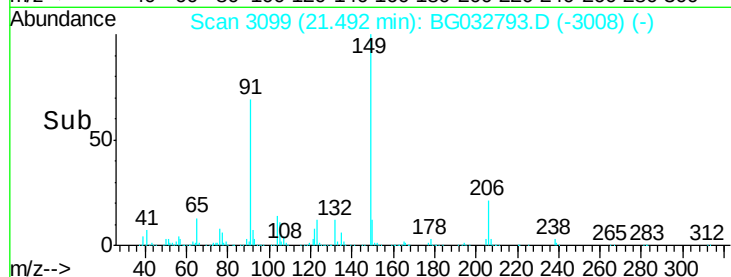
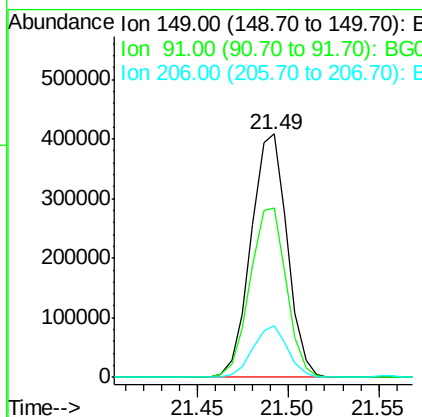
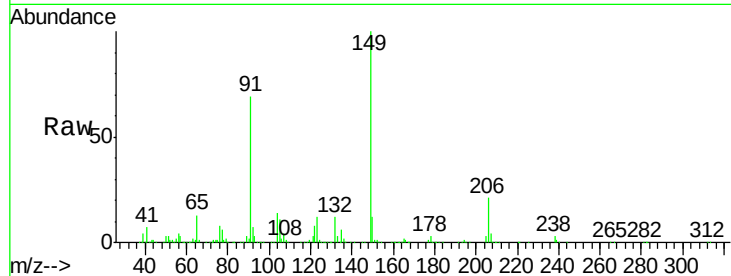




#79
Butylbenzylphthalate
Concen: 45.22 ng
RT: 21.49 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

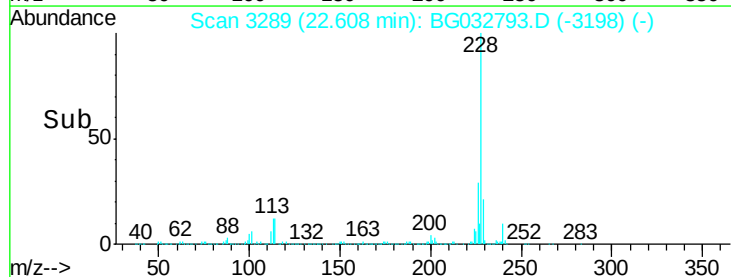
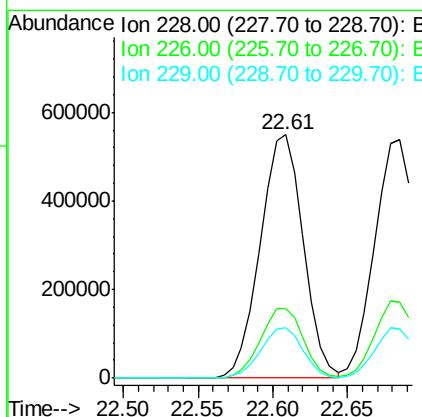
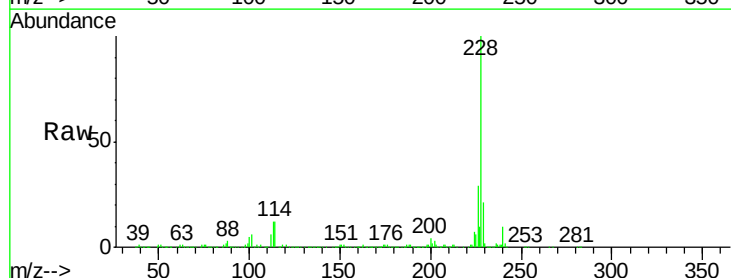
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

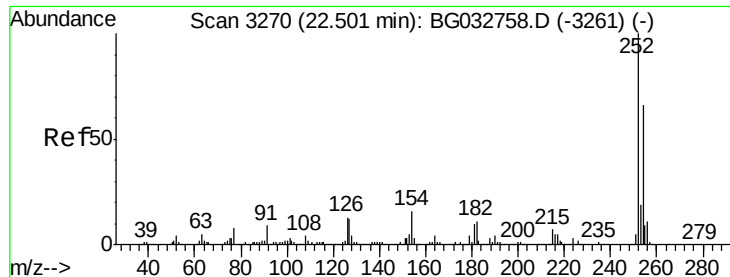
Tot Ion:149 Resp: 570485
Ion Ratio Lower Upper
149 100
91 69.3 62.2 93.2
206 21.0 18.6 27.8



#80
Benzo(a)anthracene
Concen: 42.45 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:228 Resp: 1098328
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.9 16.2 24.2

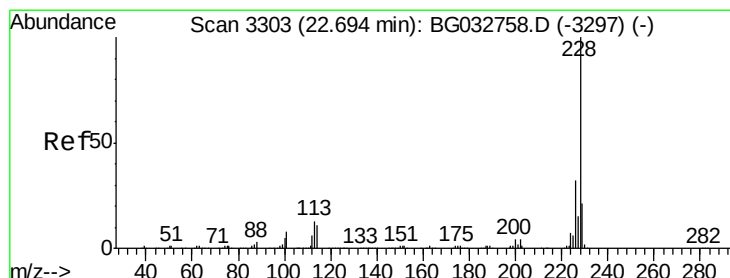
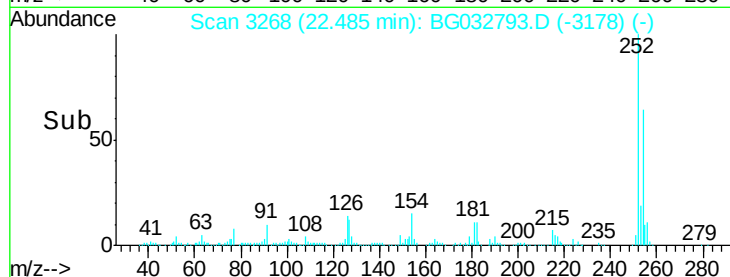
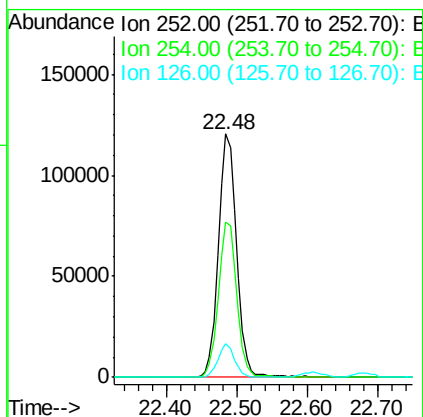
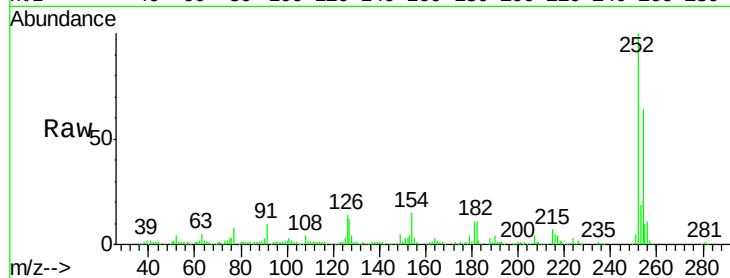




#81
 3,3'-Dichlorobenzidine
 Concen: 22.52 ng
 RT: 22.48 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

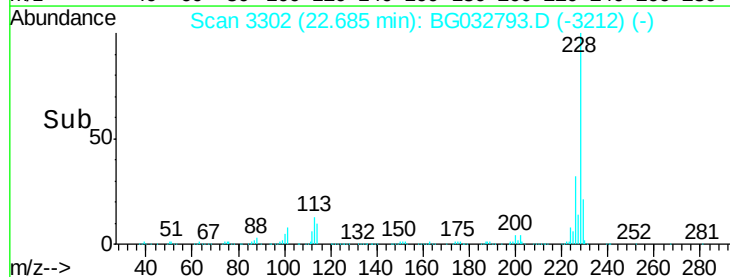
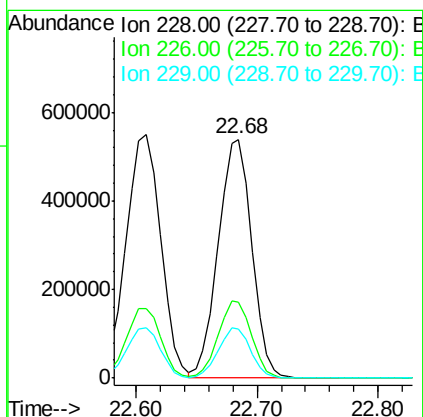
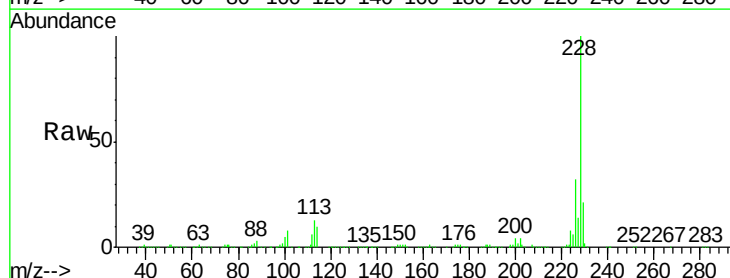
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

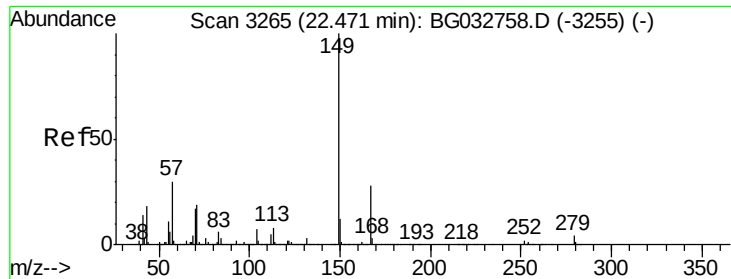
Tot Ion:252 Resp: 215806
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.8 76.2
 126 13.7 7.4 11.2#



#82
 Chrysene
 Concen: 41.83 ng
 RT: 22.68 min Scan# 3302
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion:228 Resp: 1033831
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.9 37.3
 229 20.8 15.0 22.4

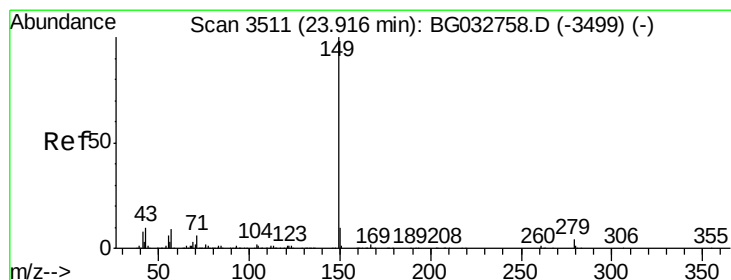
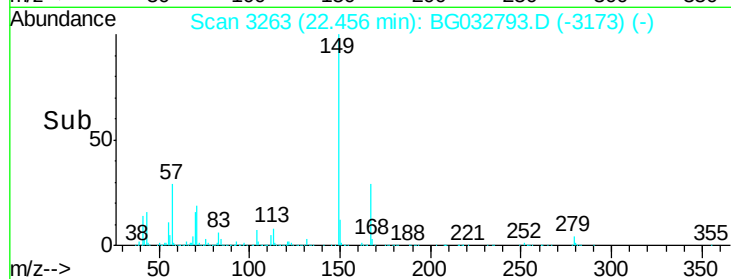
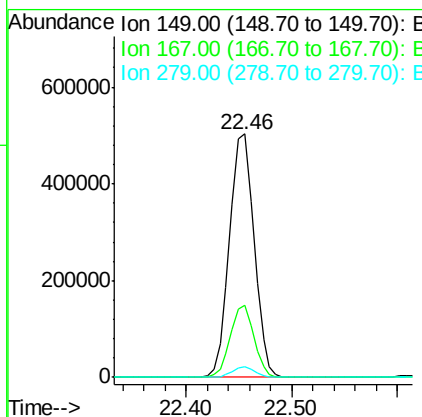
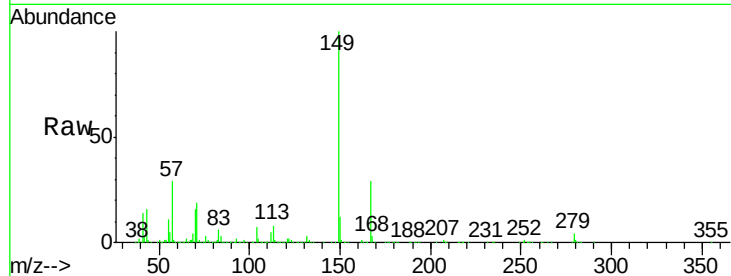




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.43 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

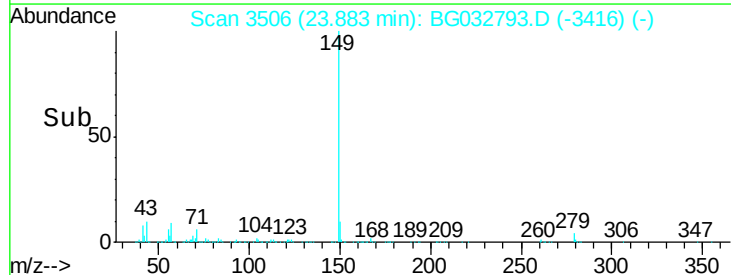
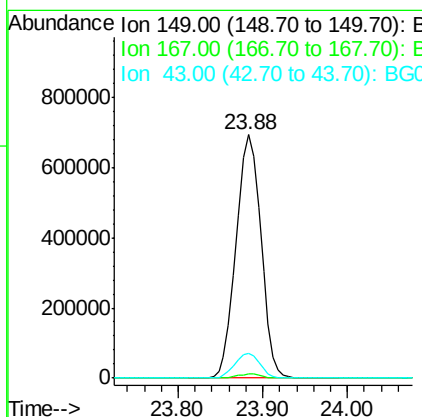
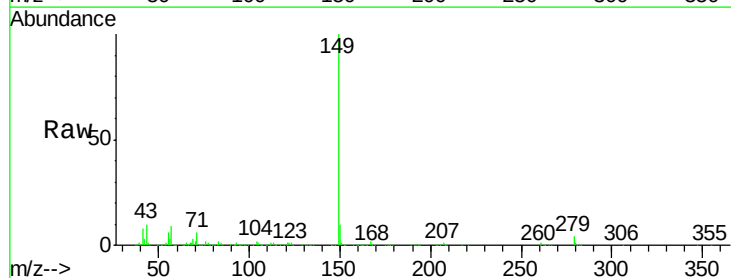
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

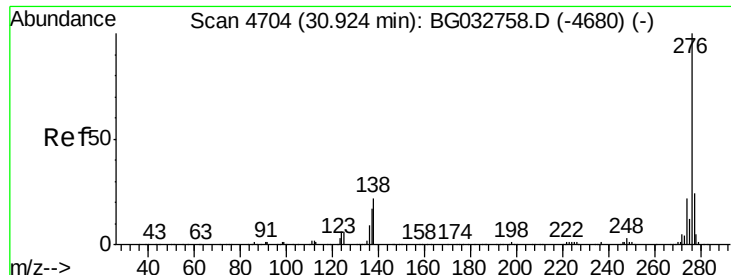
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	4.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 49.50 ng
 RT: 23.88 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.3	8.9	13.3

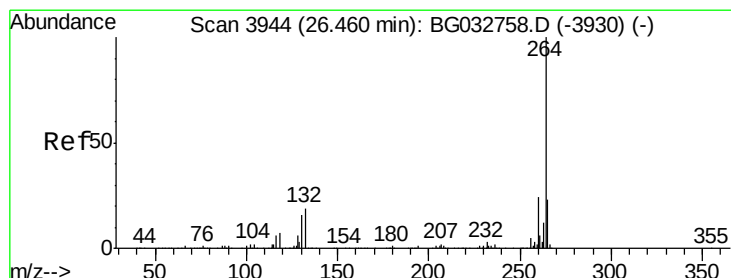
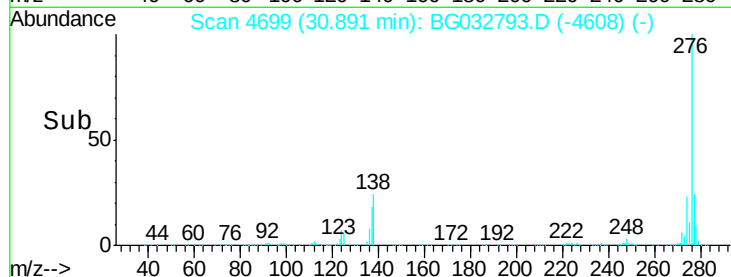
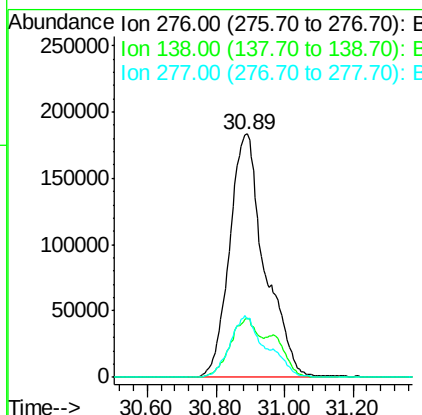
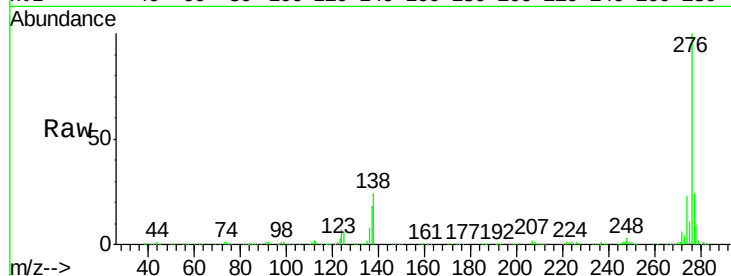




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.29 ng
RT: 30.89 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

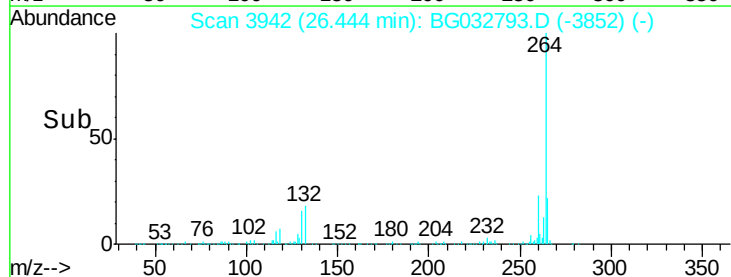
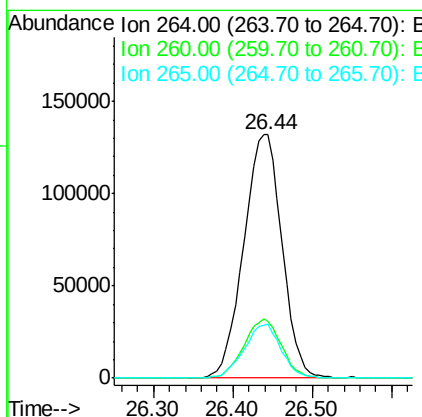
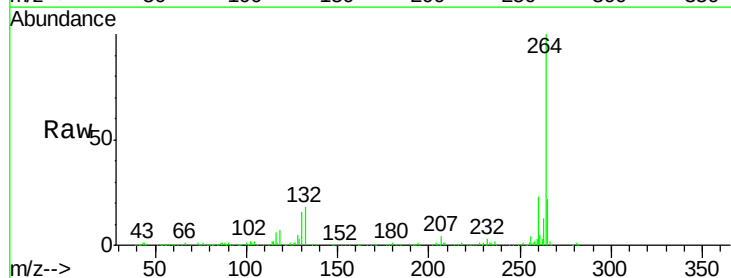
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

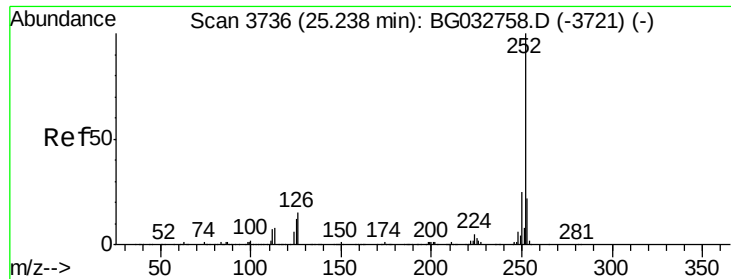
Tot Ion:276 Resp: 1305589
Ion Ratio Lower Upper
276 100
138 19.8 16.0 24.0
277 21.2 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3942
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:264 Resp: 442052
Ion Ratio Lower Upper
264 100
260 23.2 17.4 26.0
265 22.0 17.7 26.5

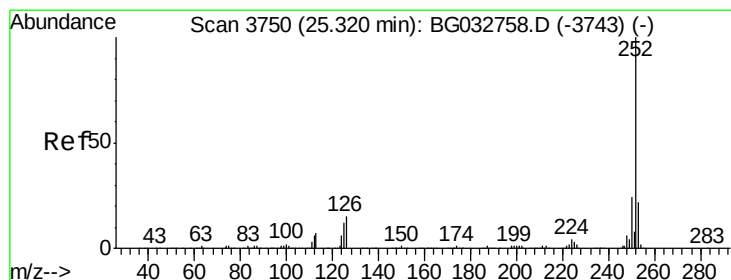
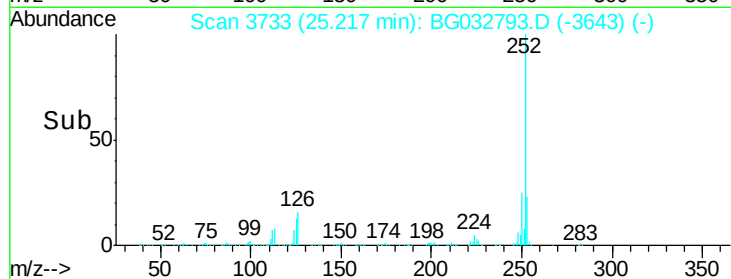
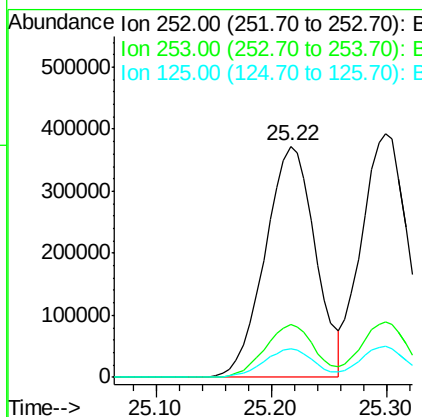
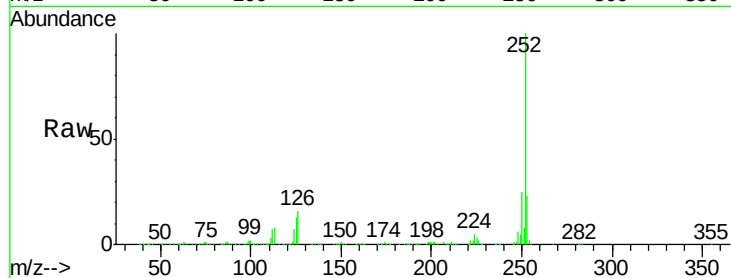




#87
Benzo(b)fluoranthene
Concen: 43.14 ng
RT: 25.22 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

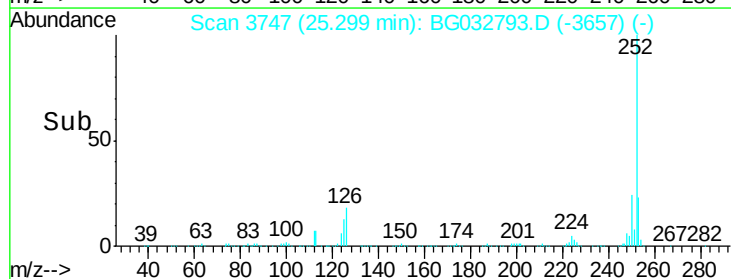
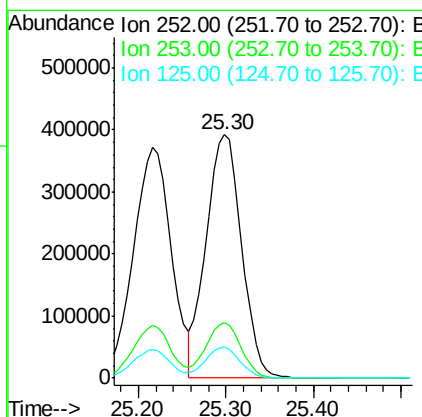
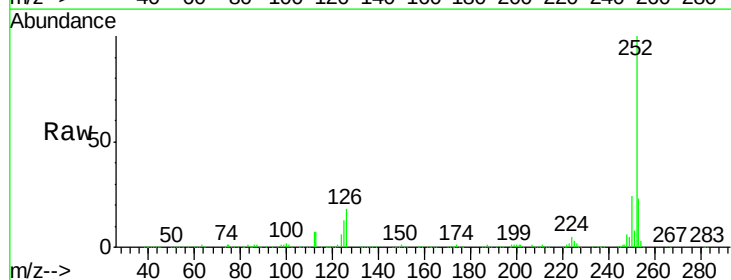
Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

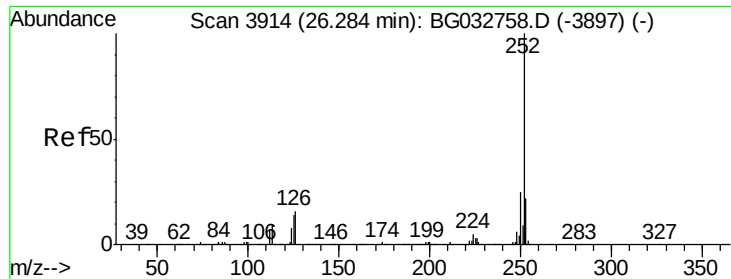
Tot Ion:252 Resp: 1127538
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 42.17 ng
RT: 25.30 min Scan# 3747
Delta R.T. -0.00 min
Lab File: BG032793.D
Acq: 23 Feb 2018 17:03

Tgt Ion:252 Resp: 1095424
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 43.94 ng

RT: 26.26 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

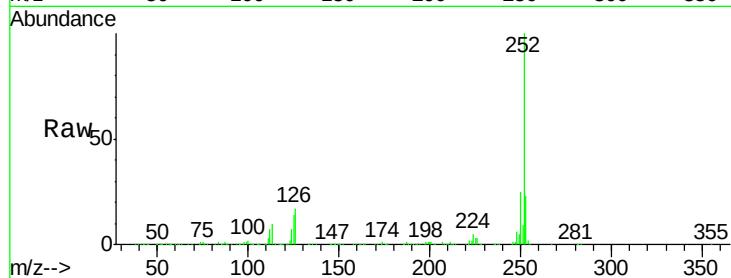
Tot Ion:252 Resp: 1092309

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

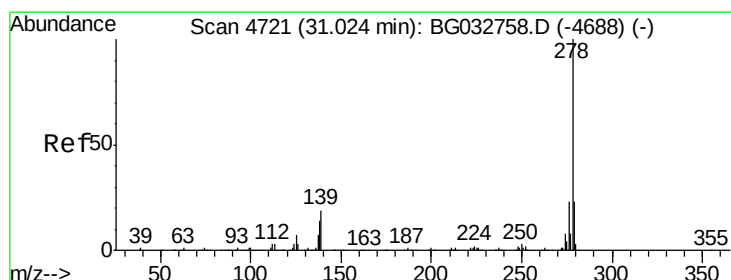
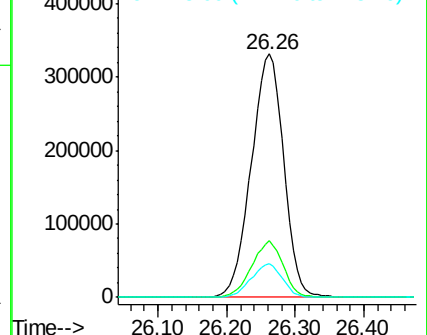
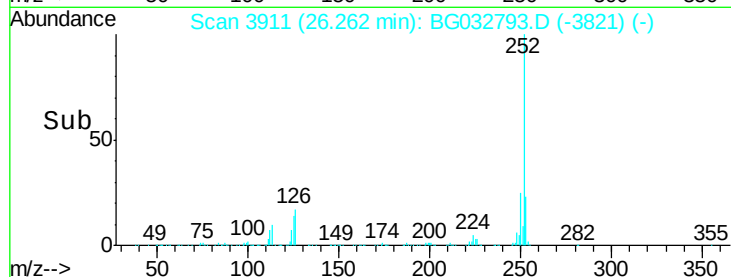
125 13.8 7.3 10.9#



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: 44.22 ng

RT: 30.97 min Scan# 4713

Delta R.T. -0.00 min

Lab File: BG032793.D

Acq: 23 Feb 2018 17:03

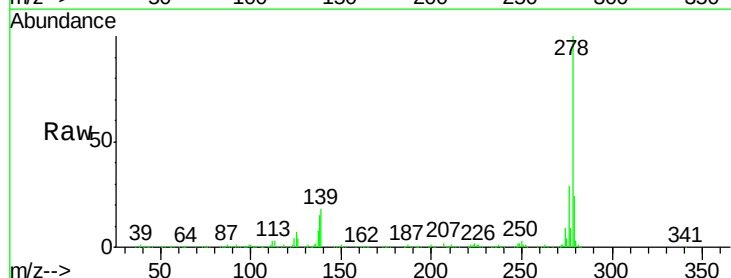
Tgt Ion:278 Resp: 1106607

Ion Ratio Lower Upper

278 100

139 18.1 9.8 14.6#

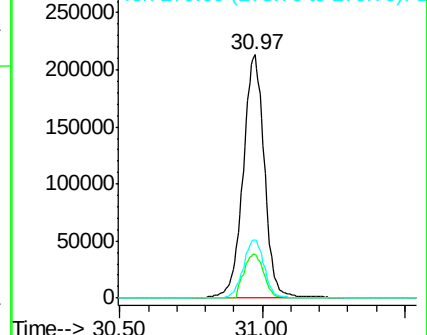
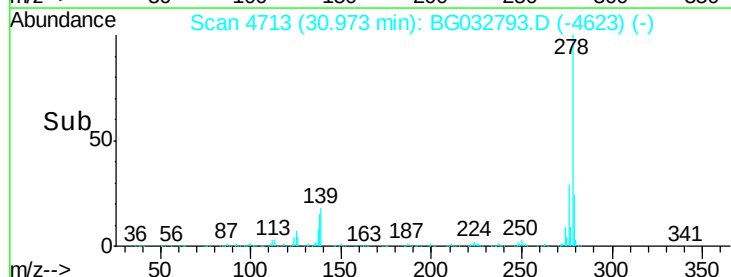
279 24.1 18.4 27.6

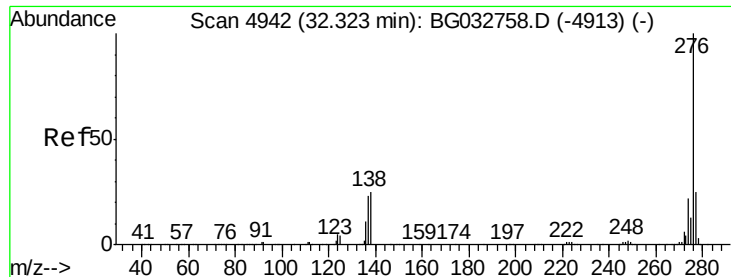


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

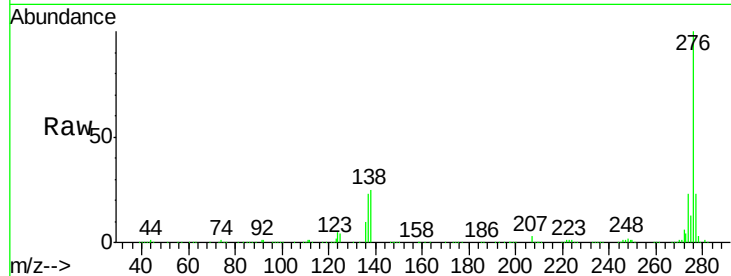




#91
 Benzo(a,h,i)perylene
 Concen: 44.02 ng
 RT: 32.28 min Scan# 4936
 Delta R.T. -0.00 min
 Lab File: BG032793.D
 Acq: 23 Feb 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion:276 Resp: 1085788
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.3 27.5
 138 25.0 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

