

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032856.D
 Acq On : 27 Feb 2018 16:02
 Operator : SJ/JU
 Sample : PB106878BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 02:36:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	70409	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	310346	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	176387	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	396086	20.00	ng	0.00
75) Chrysene-d12	22.63	240	372201	20.00	ng	0.00
86) Perylene-d12	26.44	264	406290	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	408272	92.77	ng	0.00
7) Phenol-d6	8.03	99	539082	87.88	ng	0.00
23) Nitrobenzene-d5	10.13	82	431985	95.24	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	169722	91.51	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	973089	79.57	ng	0.00
78) Terphenyl-d14	20.79	244	1313358	79.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.97	88	72267	37.84	ng	88
3) Pyridine	4.43	79	200669	38.12	ng	94
4) n-Nitrosodimethylamine	4.33	42	98651	46.74	ng	# 94
6) Aniline	8.21	93	134809	16.24	ng	96
8) 2-Chlorophenol	8.47	128	215576	44.75	ng	92
9) Benzaldehyde	8.03	77	88258	24.96	ng	90
10) Phenol	8.05	94	278585	45.05	ng	91
11) bis(2-Chloroethyl)ether	8.31	93	195328	38.63	ng	92
12) 1,3-Dichlorobenzene	8.81	146	215108	38.13	ng	96
13) 1,4-Dichlorobenzene	8.97	146	216903	38.19	ng	98
14) 1,2-Dichlorobenzene	9.30	146	205442	37.75	ng	97
15) Benzyl Alcohol	9.16	79	181852	40.32	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	314729	36.21	ng	97
17) 2-Methylphenol	9.36	107	183303	40.20	ng	95
18) Hexachloroethane	10.06	117	78433	40.56	ng	# 85
19) n-Nitroso-di-n-propylamine	9.74	70	156725	36.19	ng	# 96
20) 3+4-Methylphenols	9.69	107	252975	39.90	ng	94
22) Acetophenone	9.77	105	297134	37.91	ng	# 94
24) Nitrobenzene	10.17	77	218893	44.73	ng	90
25) Isophorone	10.70	82	428941	39.38	ng	96
26) 2-Nitrophenol	10.90	139	105866	56.81	ng	# 86
27) 2,4-Dimethylphenol	10.93	122	229280	48.45	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	266784	42.04	ng	95
29) 2,4-Dichlorophenol	11.44	162	195405	45.50	ng	95
30) 1,2,4-Trichlorobenzene	11.67	180	189404	37.62	ng	98
31) Naphthalene	11.87	128	629884	38.84	ng	99
32) Benzoic acid	11.01	122	85633	33.99	ng	# 78
33) 4-Chloroaniline	11.95	127	121455	16.75	ng	95
34) Hexachlorobutadiene	12.13	225	101280	35.87	ng	96
35) Caprolactam	12.70	113	80017	46.53	ng	# 84
36) 4-Chloro-3-methylphenol	13.01	107	229277	45.88	ng	89
37) 2-Methylnaphthalene	13.41	142	464495	39.59	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	192327	36.73	ng	# 96
40) Hexachlorocyclopentadiene	13.74	237	240716	90.21	ng	92

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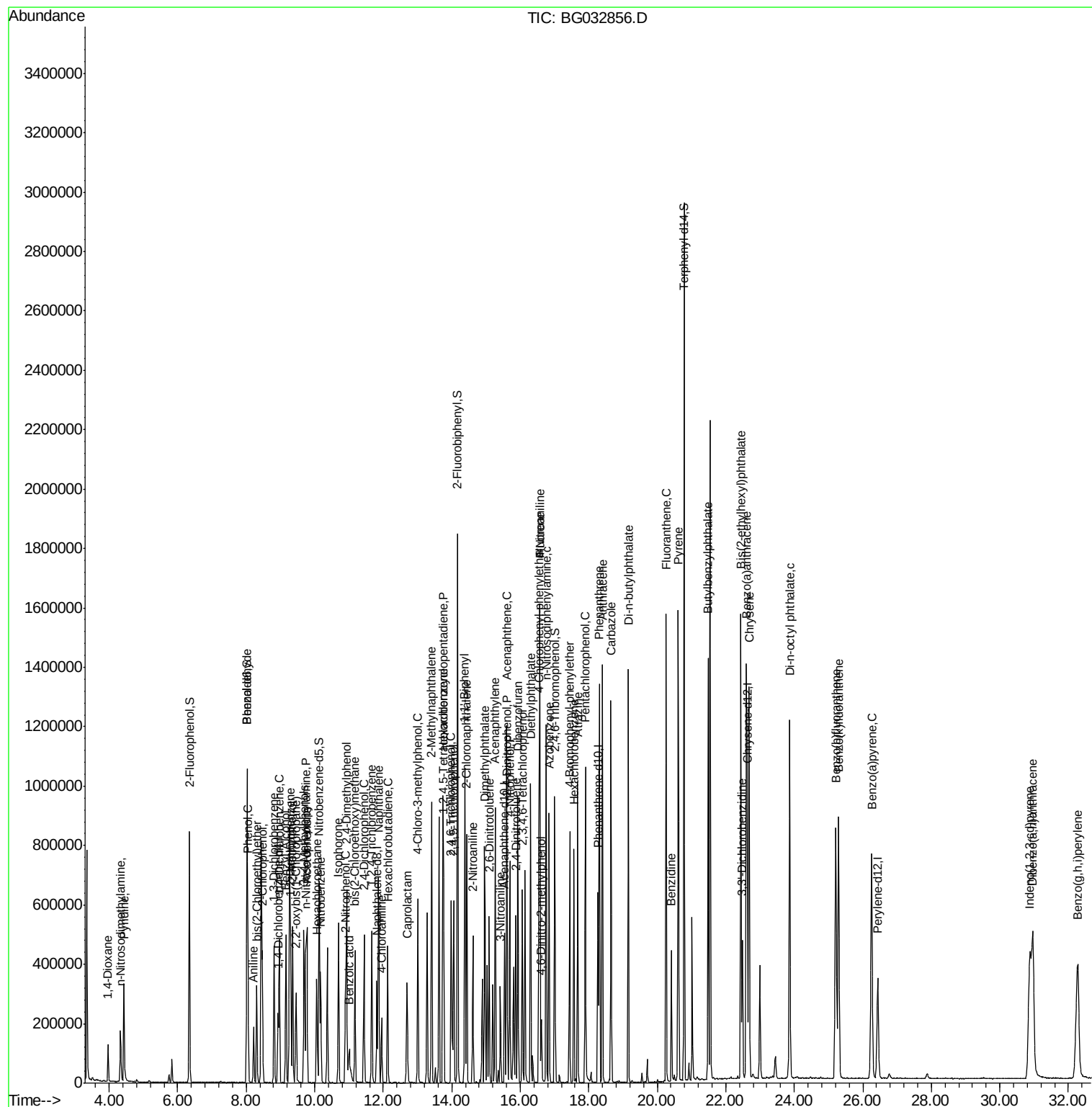
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	148046	44.83	nq	98
43) 2,4,5-Trichlorophenol	14.06	196	163206	42.70	nq	# 97
45) 1,1'-Biphenyl	14.38	154	575003	37.31	nq	94
46) 2-Chloronaphthalene	14.44	162	438836	38.11	nq	99
47) 2-Nitroaniline	14.62	65	145454	49.66	nq	91
48) Acenaphthylene	15.27	152	716454	38.01	nq	99
49) Dimethylphthalate	14.97	163	565895	37.78	nq	100
50) 2,6-Dinitrotoluene	15.09	165	125132	50.02	nq	89
51) Acenaphthene	15.60	154	448756	38.22	nq	98
52) 3-Nitroaniline	15.42	138	87726	31.65	nq	# 82
53) 2,4-Dinitrophenol	15.62	184	37055	54.38	nq	# 1
54) Dibenzofuran	15.93	168	659359	39.44	nq	94
55) 4-Nitrophenol	15.69	139	218127	88.15	nq	# 81
56) 2,4-Dinitrotoluene	15.87	165	175215	57.37	nq	# 84
57) Fluorene	16.57	166	537705	38.97	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.06	232	136543	46.02	nq	95
59) Diethylphthalate	16.30	149	602831	38.16	nq	97
60) 4-Chlorophenyl-phenylether	16.55	204	260960	38.66	nq	93
61) 4-Nitroaniline	16.57	138	139161	43.48	nq	81
62) Azobenzene	16.84	77	550452	38.95	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	47930	43.42	nq	98
65) n-Nitrosodiphenylamine	16.76	169	498969	38.72	nq	97
66) 4-Bromophenyl-phenylether	17.44	248	157433	37.59	nq	# 90
67) Hexachlorobenzene	17.57	284	165047	36.47	nq	# 91
68) Atrazine	17.68	200	172858	40.76	nq	95
69) Pentachlorophenol	17.90	266	192419	67.50	nq	99
70) Phenanthrene	18.31	178	855415	38.71	nq	98
71) Anthracene	18.40	178	877893	39.57	nq	98
72) Carbazole	18.65	167	833803	38.13	nq	97
73) Di-n-butylphthalate	19.16	149	1038890	38.73	nq	99
74) Fluoranthene	20.26	202	967638	39.64	nq	94
76) Benzidine	20.41	184	260366	20.52	nq	98
77) Pyrene	20.61	202	974873	37.14	nq	96
79) Butylbenzylphthalate	21.48	149	484658	41.65	nq	92
80) Benzo(a)anthracene	22.61	228	929522	38.95	nq	99
81) 3,3'-Dichlorobenzidine	22.49	252	185486	20.98	nq	# 99
82) Chrysene	22.68	228	874819	38.37	nq	97
83) Bis(2-ethylhexyl)phthalate	22.44	149	691728	40.16	nq	# 96
84) Di-n-octyl phthalate	23.87	149	1201747	45.77	nq	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1067258	40.14	nq	97
87) Benzo(b)fluoranthene	25.21	252	949950	39.54	nq	# 96
88) Benzo(k)fluoranthene	25.30	252	912300	38.21	nq	# 95
89) Benzo(a)pyrene	26.26	252	913552	39.98	nq	# 95
90) Dibenzo(a,h)anthracene	30.96	278	895987	38.96	nq	# 93
91) Benzo(g,h,i)perylene	32.27	276	891799	39.34	nq	# 91

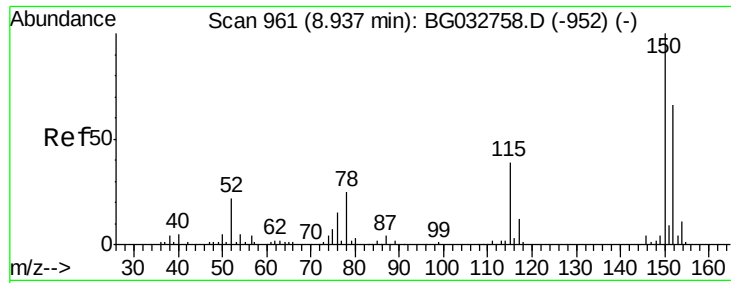
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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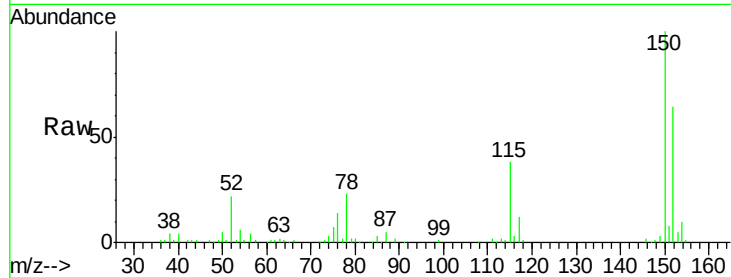


#1

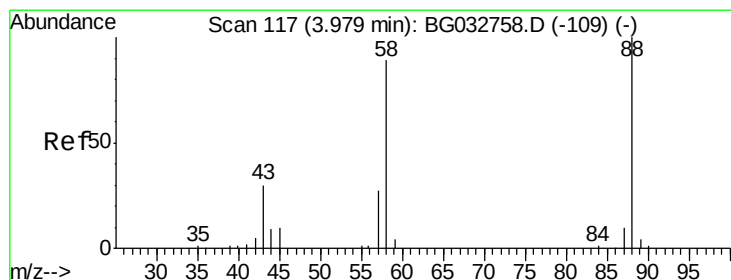
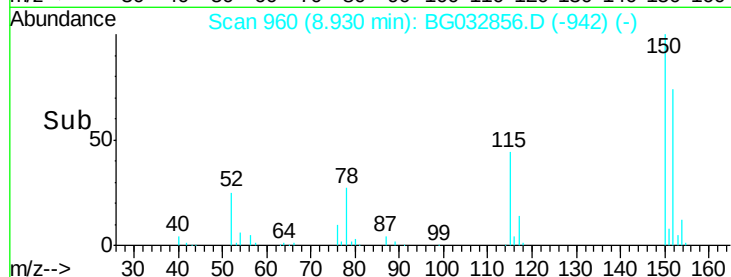
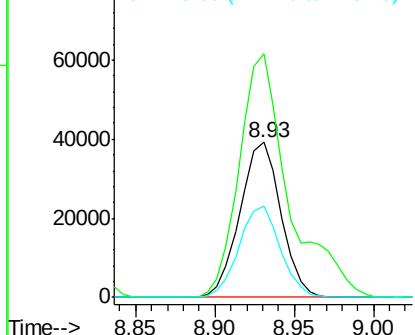
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70409
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 59.2 53.0 79.4



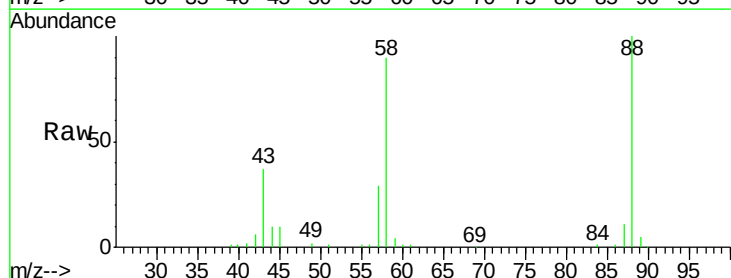
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



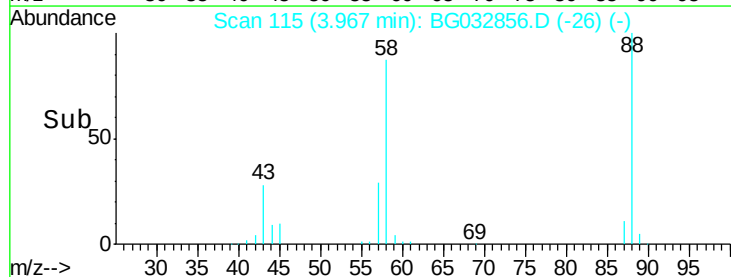
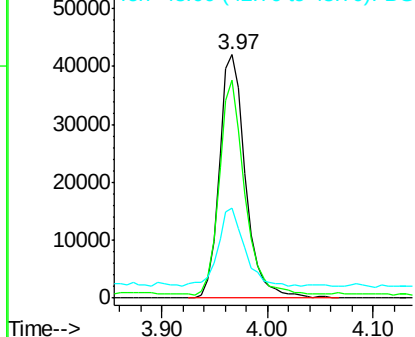
#2

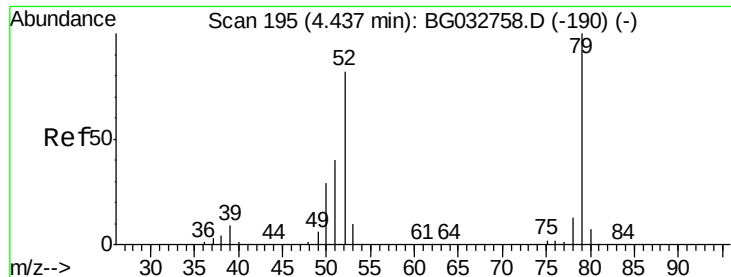
1,4-Dioxane
Concen: 37.84 ng
RT: 3.97 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion: 88 Resp: 72267
Ion Ratio Lower Upper
88 100
58 85.0 79.6 119.4
43 32.3 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.12 ng

RT: 4.43 min Scan# 194

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampled :

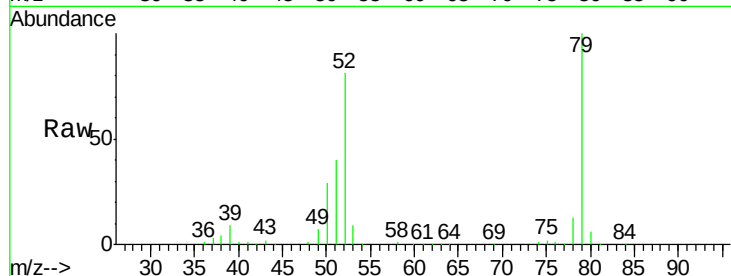
Tot Ion: 79 Resp: 200669

Ion Ratio Lower Upper

79 100

52 80.5 69.9 104.9

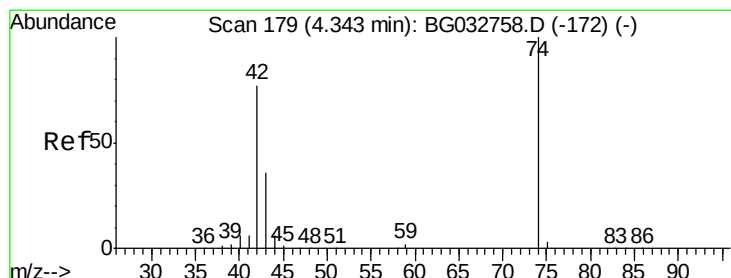
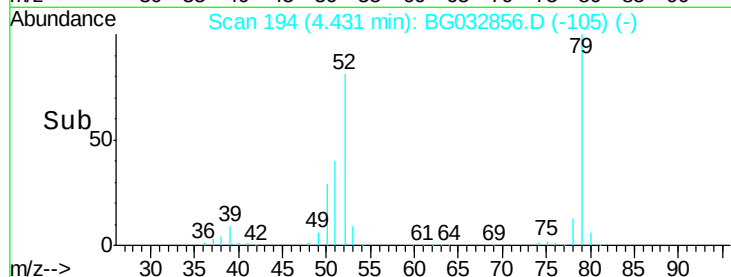
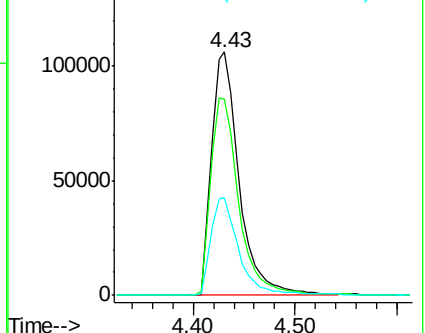
51 40.4 34.0 51.0



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: 46.74 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

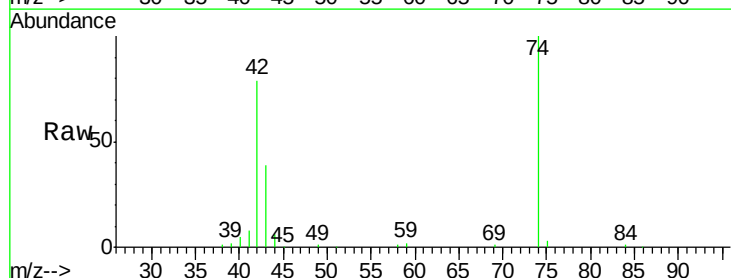
Tgt Ion: 42 Resp: 98651

Ion Ratio Lower Upper

42 100

74 126.1 102.5 153.7

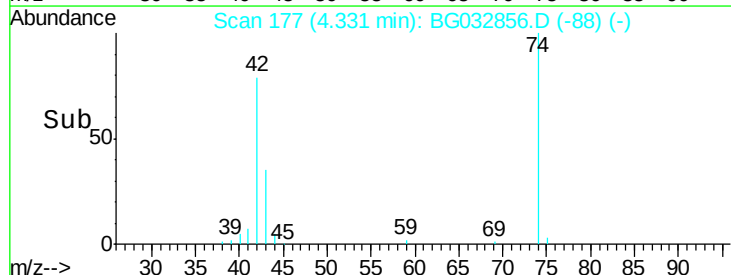
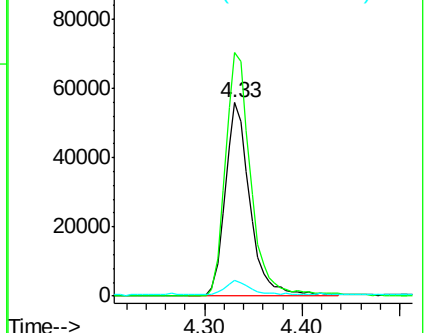
44 7.9 18.9 28.3#

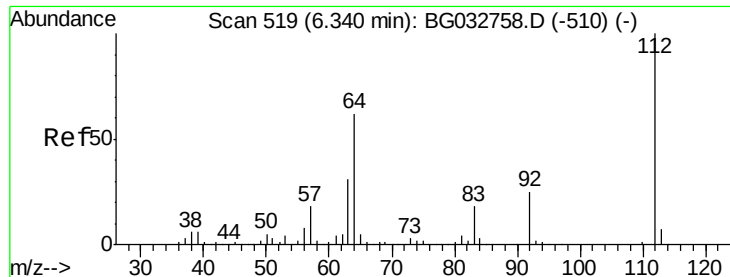


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 92.77 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032856.D

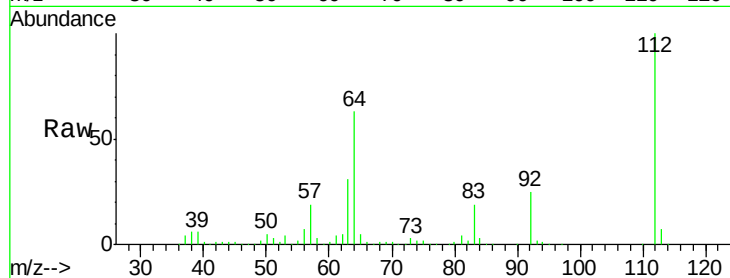
Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampled :

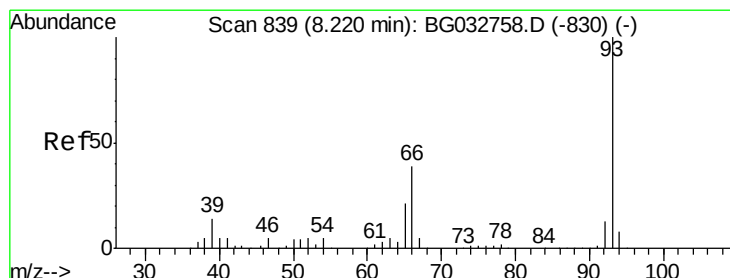
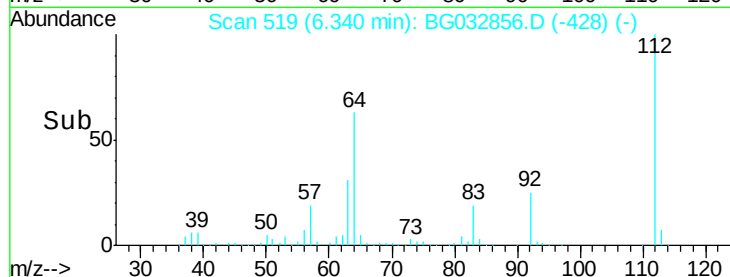
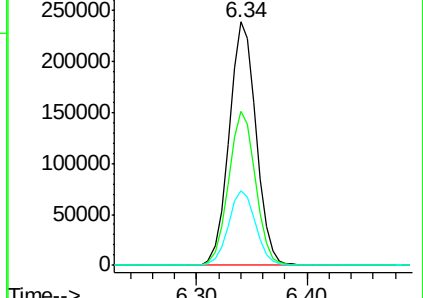
Tot Ion:	112	Resp:	408272
Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	30.9	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.24 ng

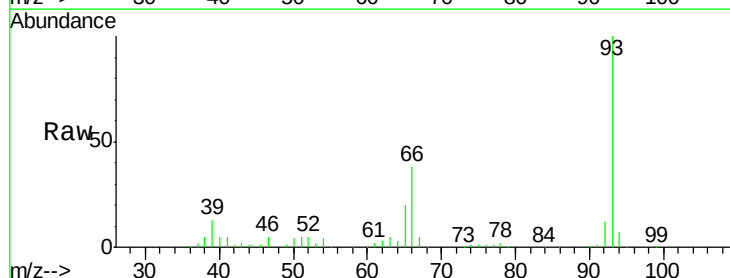
RT: 8.21 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

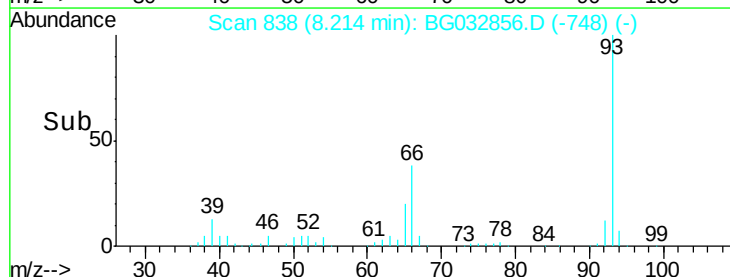
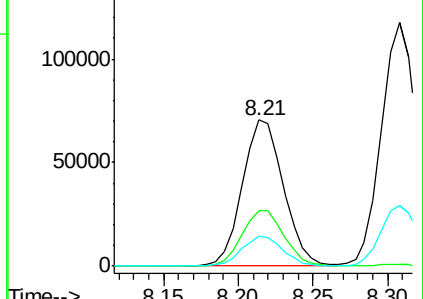
Tgt Ion:	93	Resp:	134809
Ion	Ratio	Lower	Upper
93	100		
66	38.5	33.7	50.5
65	20.4	16.1	24.1

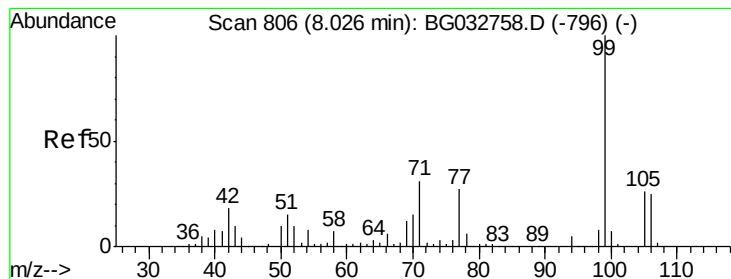


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.88 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

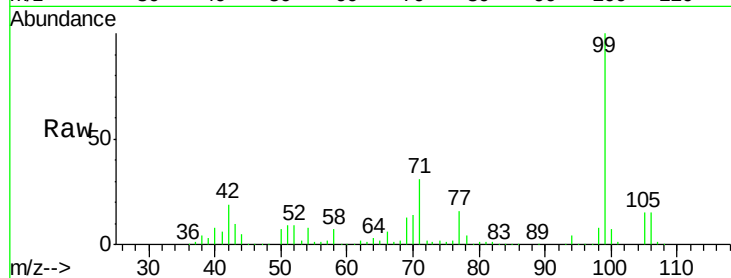
Tot Ion: 99 Resp: 539082

Ion Ratio Lower Upper

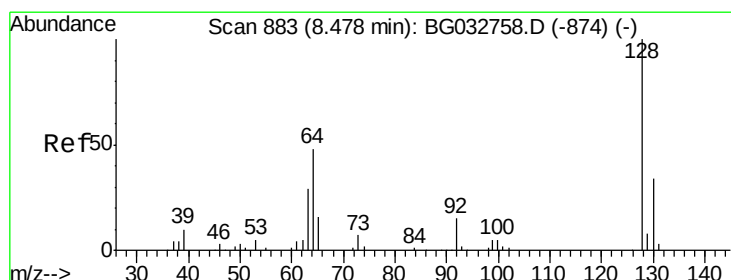
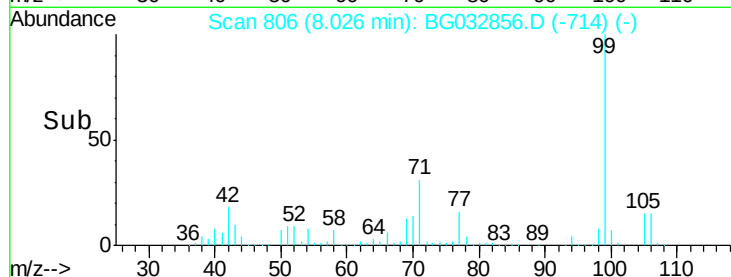
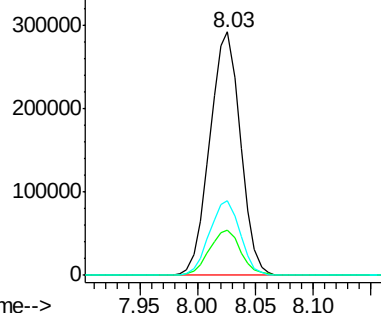
99 100

42 18.5 14.1 21.1

71 30.8 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: 44.75 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

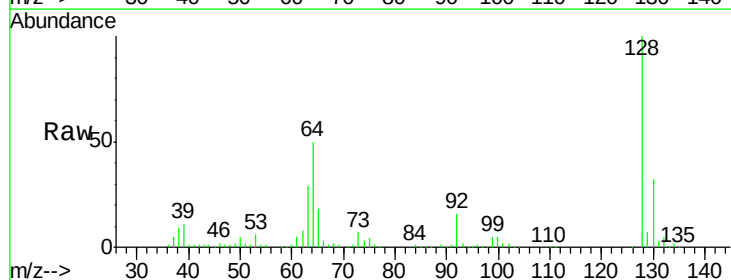
Tgt Ion: 128 Resp: 215576

Ion Ratio Lower Upper

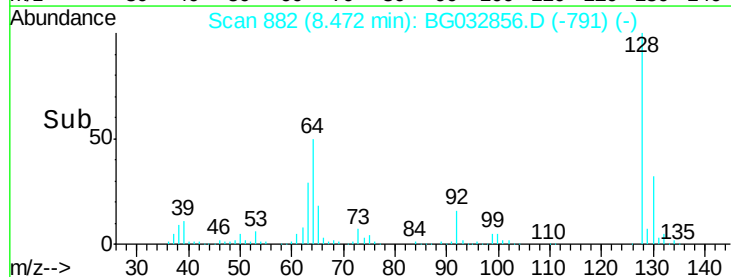
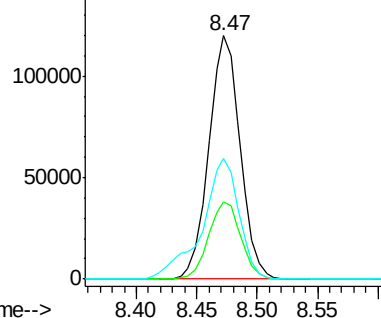
128 100

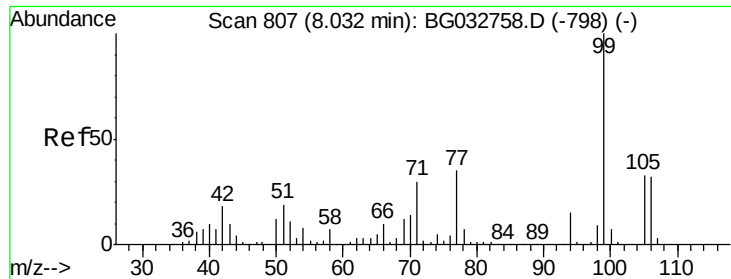
130 31.8 14.0 54.0

64 49.5 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: 24.96 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

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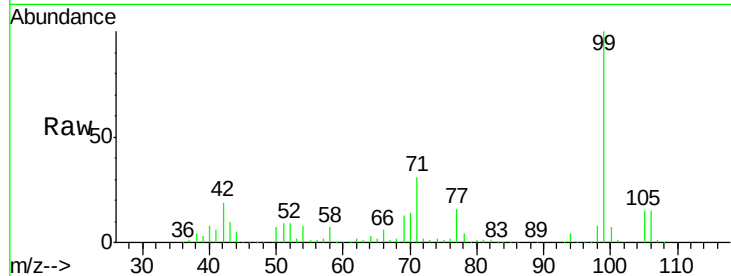
Tot Ion: 77 Resp: 88258

Ion Ratio Lower Upper

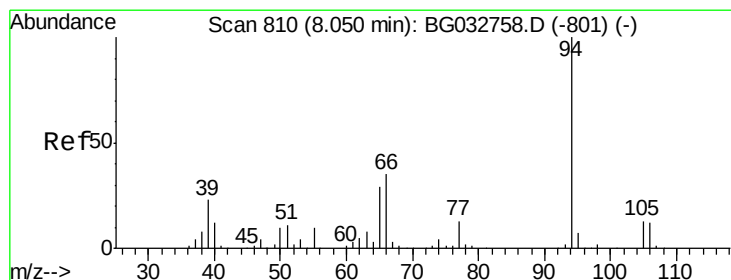
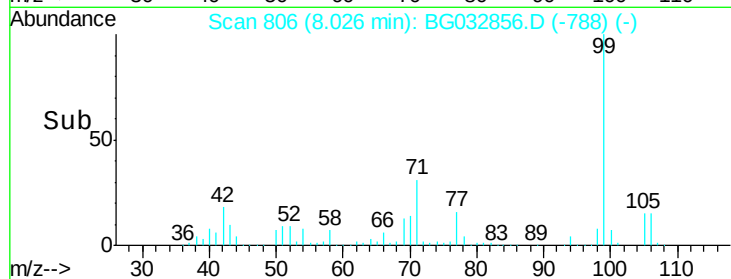
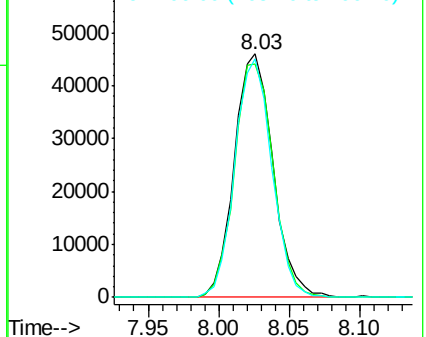
77 100

105 95.9 71.3 111.3

106 98.1 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: 45.05 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

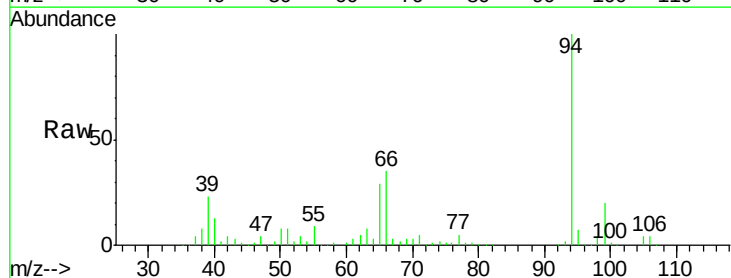
Tgt Ion: 94 Resp: 278585

Ion Ratio Lower Upper

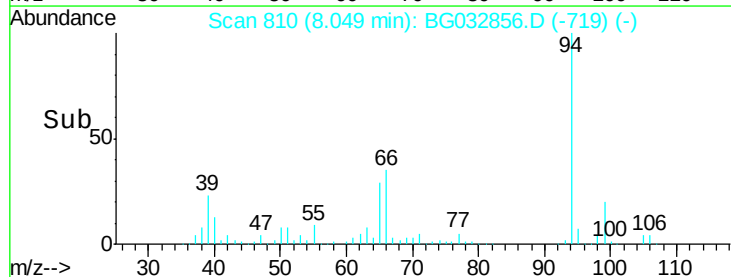
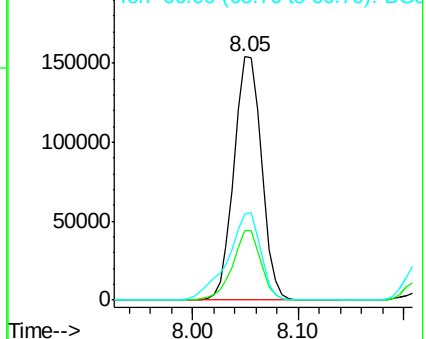
94 100

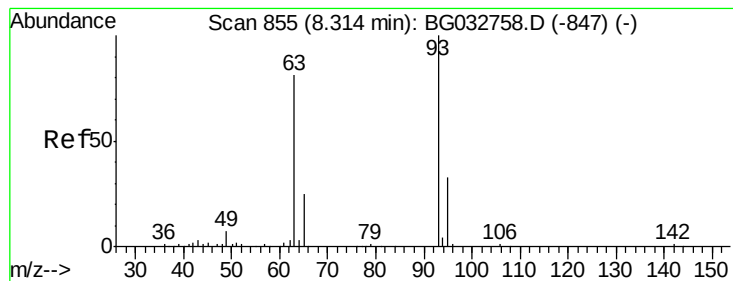
65 28.7 11.9 51.9

66 35.4 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: 38.63 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

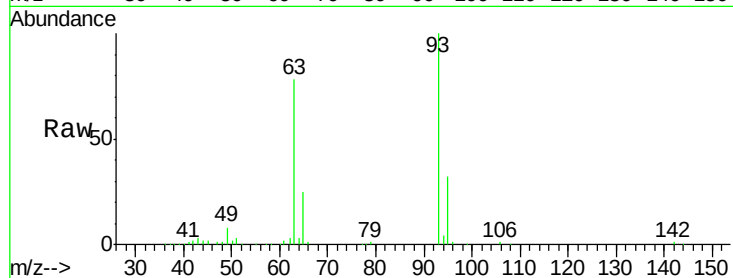
Tot Ion: 93 Resp: 195328

Ion Ratio Lower Upper

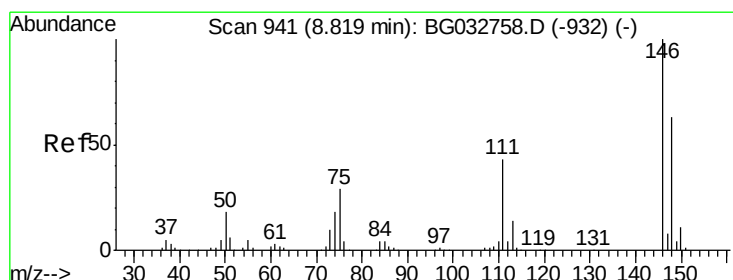
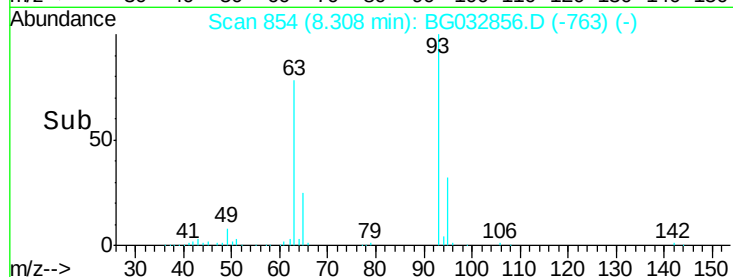
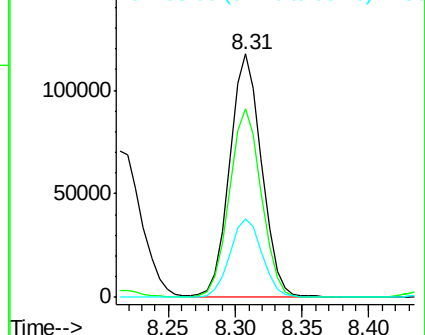
93 100

63 77.6 67.1 107.1

95 32.4 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.13 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

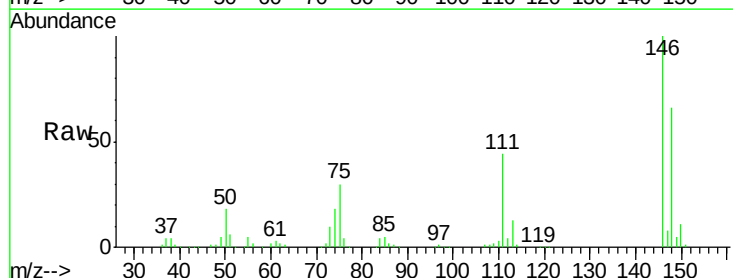
Tgt Ion: 146 Resp: 215108

Ion Ratio Lower Upper

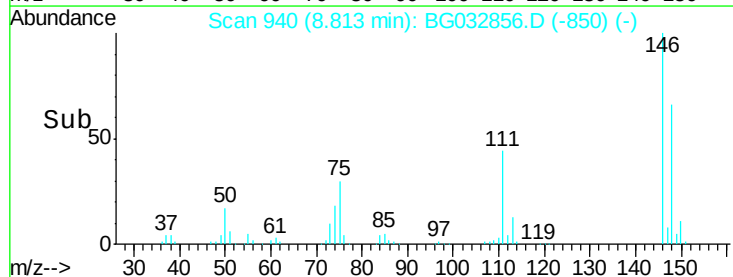
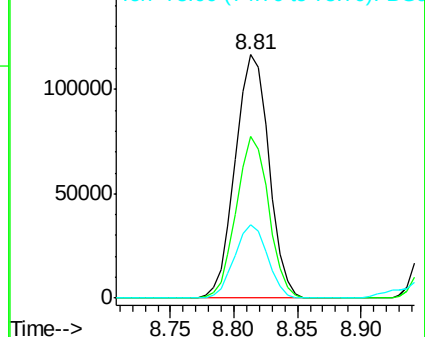
146 100

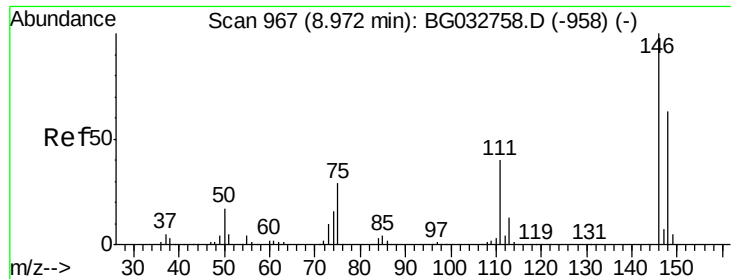
148 66.4 51.4 77.2

75 30.1 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

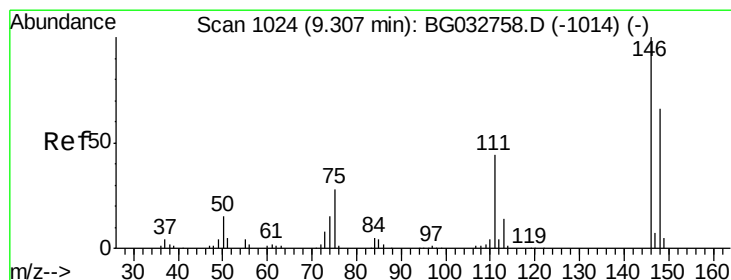
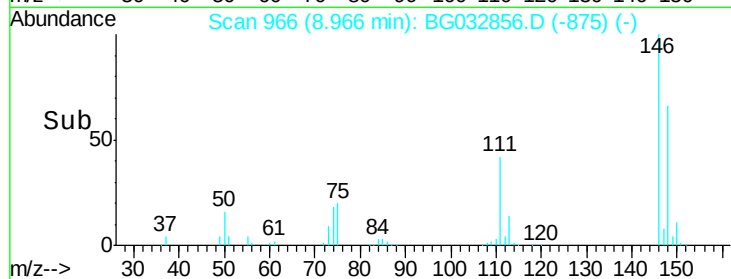
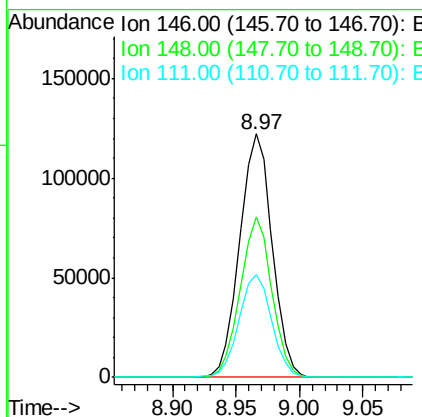
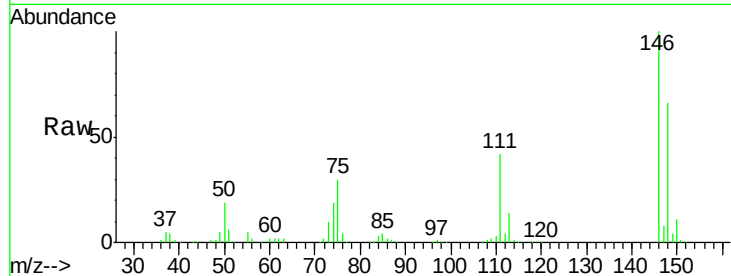




#13
 1,4-Dichlorobenzene
 Concen: 38.19 ng
 RT: 8.97 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

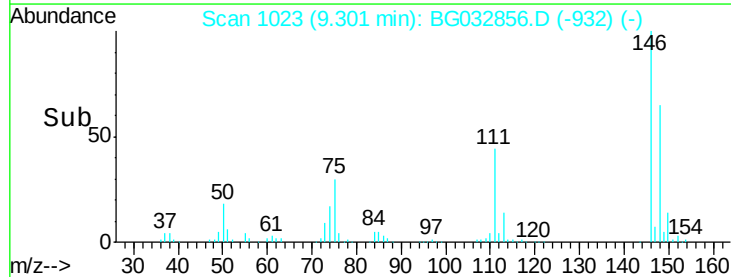
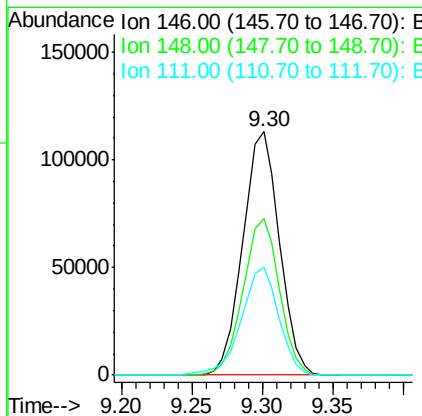
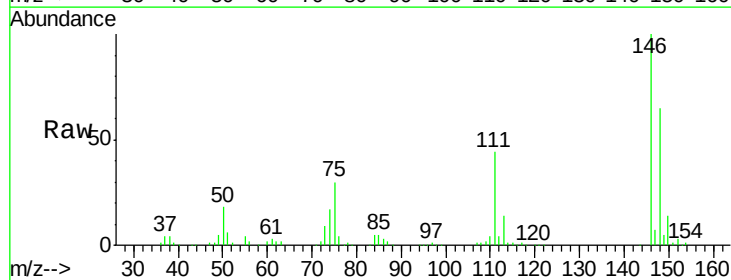
Instrument :
 BNA_G
 ClientSampleId :

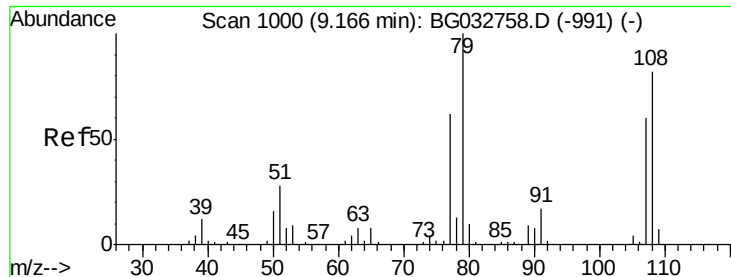
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	42.3	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.75 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.3	73.9
111	44.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.32 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

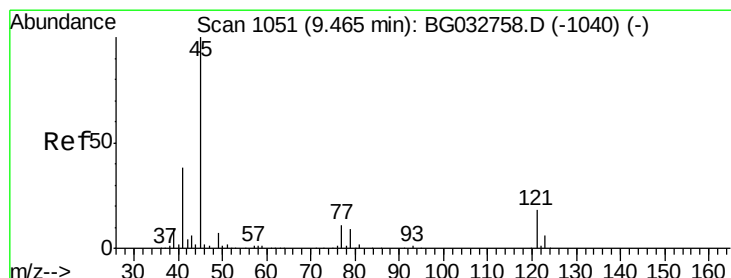
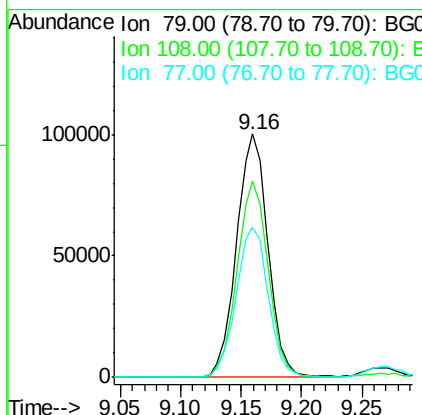
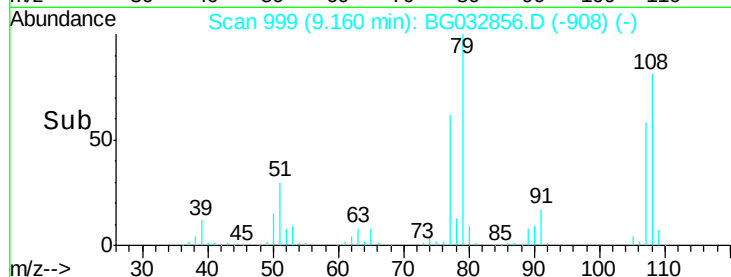
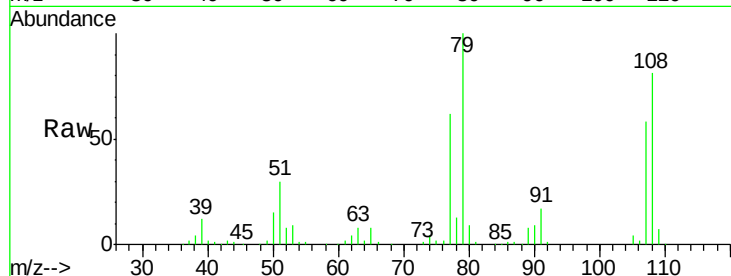
Tot Ion: 79 Resp: 181852

Ion Ratio Lower Upper

79 100

108 80.6 57.2 85.8

77 61.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.21 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

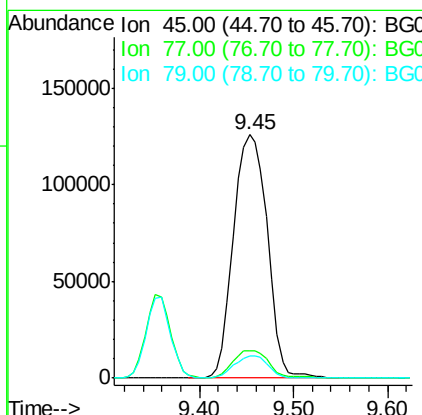
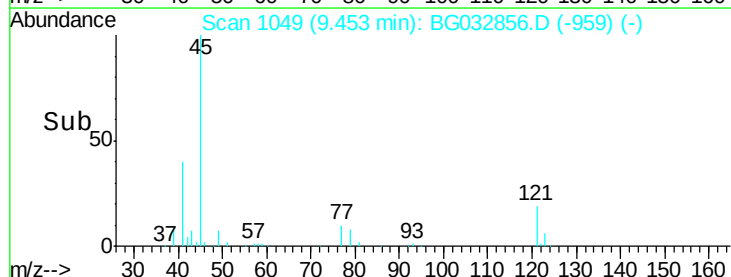
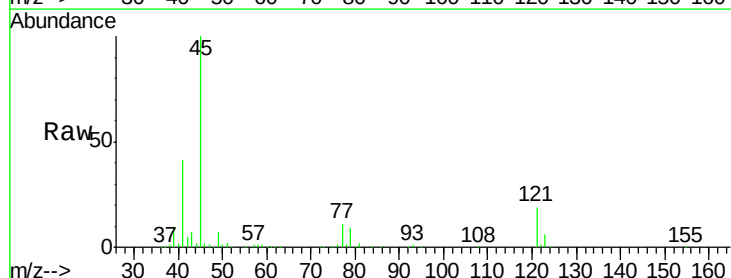
Tgt Ion: 45 Resp: 314729

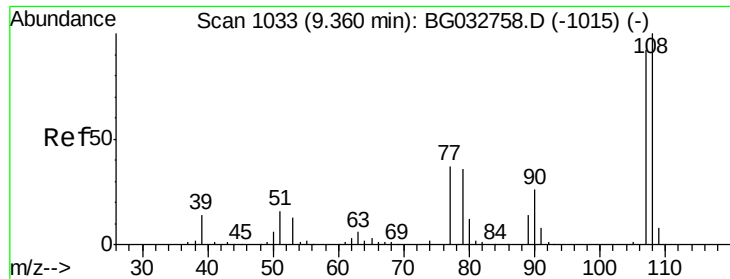
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

79 9.1 0.0 27.9





#17

2-Methylphenol

Concen: 40.20 ng

RT: 9.36 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 183303

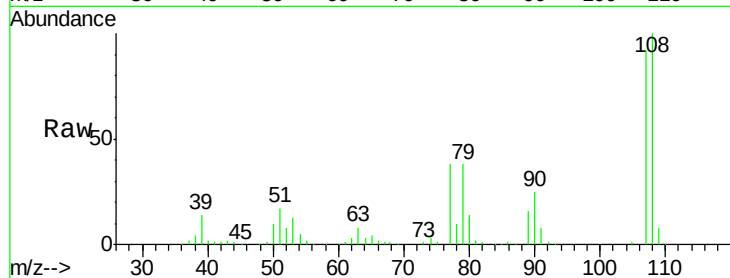
Ion Ratio Lower Upper

107 100

108 108.8 83.9 125.9

77 41.3 37.2 55.8

79 41.6 36.2 54.2

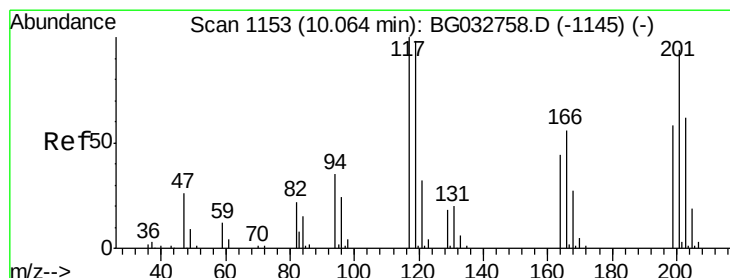
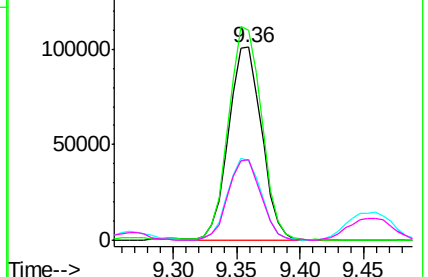
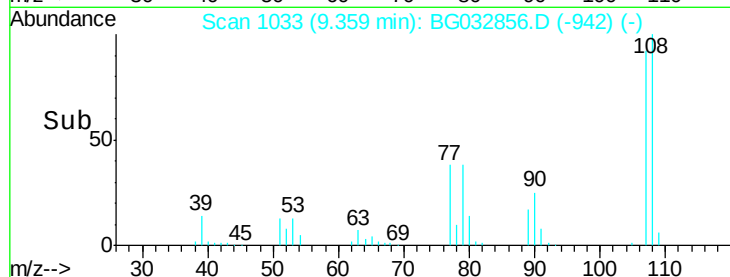


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.56 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

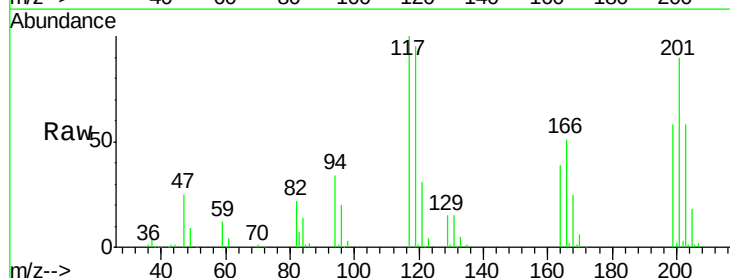
Tgt Ion:117 Resp: 78433

Ion Ratio Lower Upper

117 100

119 94.9 76.7 115.1

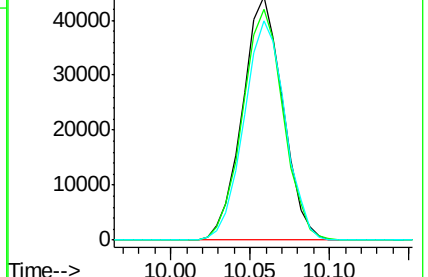
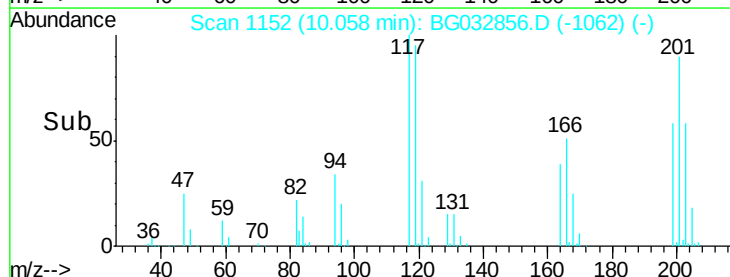
201 89.9 95.7 143.5#

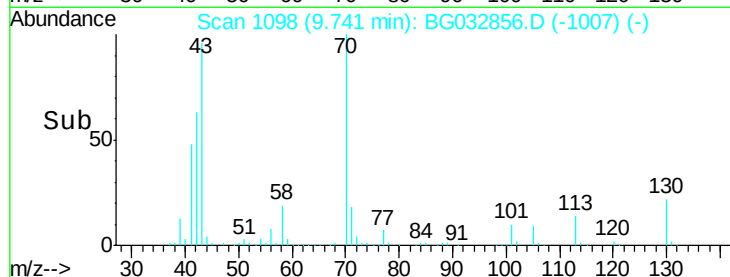
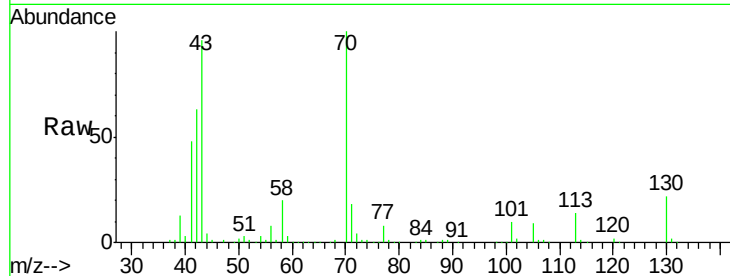
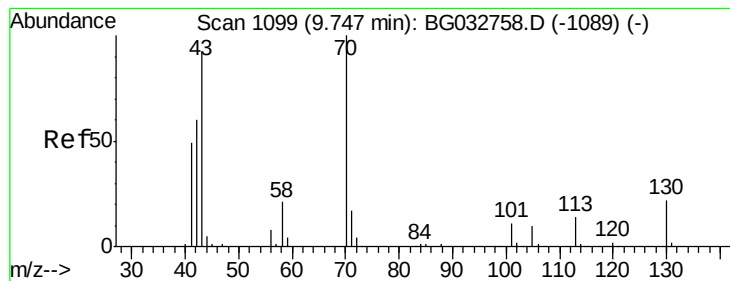


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.19 ng

RT: 9.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 156725

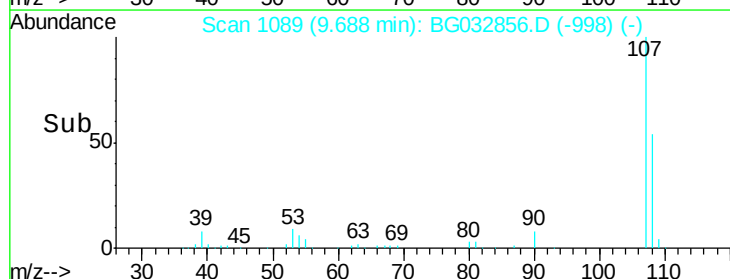
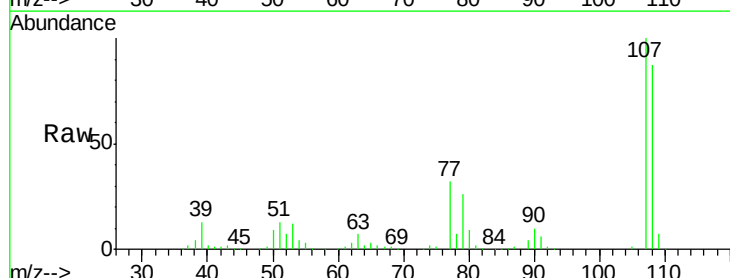
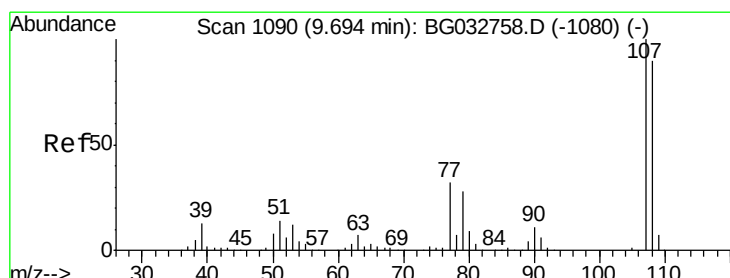
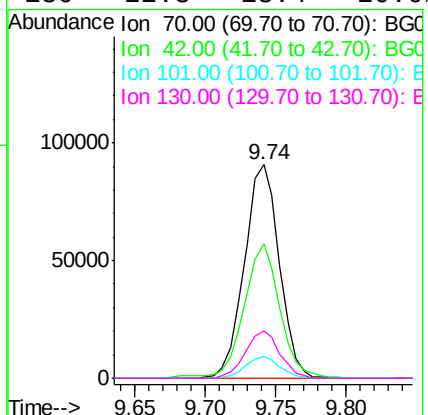
Ion Ratio Lower Upper

70 100

42 62.9 49.1 73.7

101 10.5 8.5 12.7

130 22.3 13.4 20.0#



#20

3+4-Methylphenols

Concen: 39.90 ng

RT: 9.69 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Tgt Ion: 107 Resp: 252975

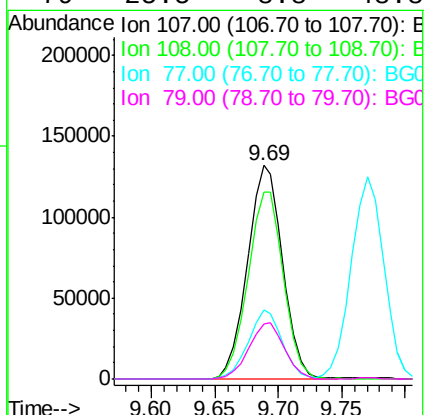
Ion Ratio Lower Upper

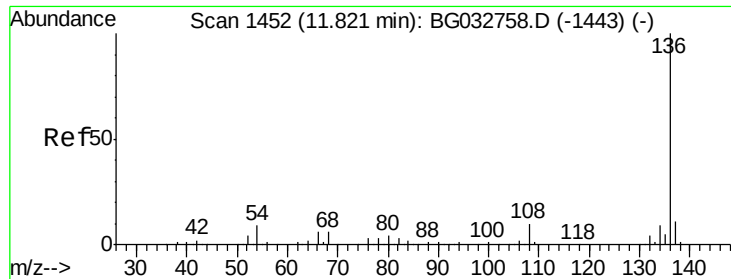
107 100

108 87.3 61.6 101.6

77 32.1 13.9 53.9

79 25.5 8.8 48.8

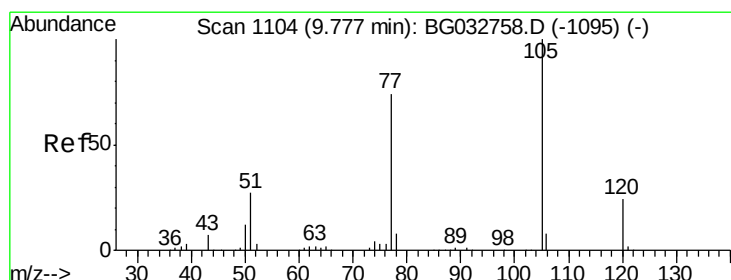
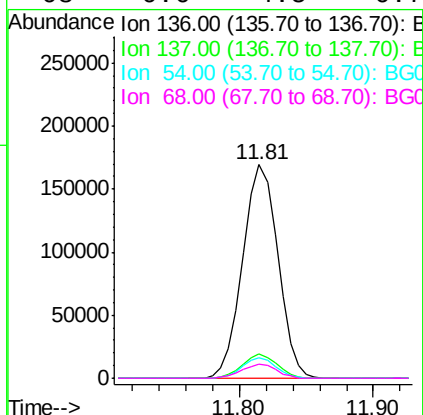
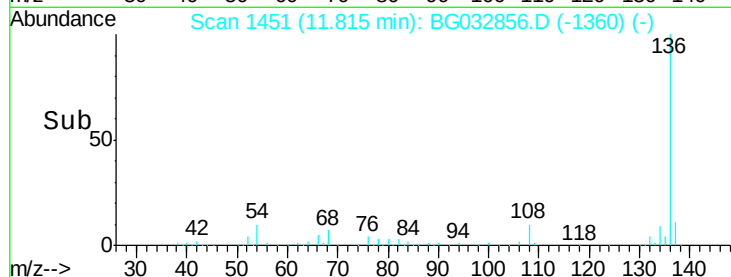
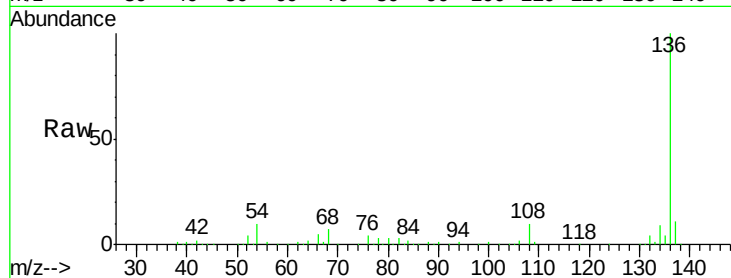




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

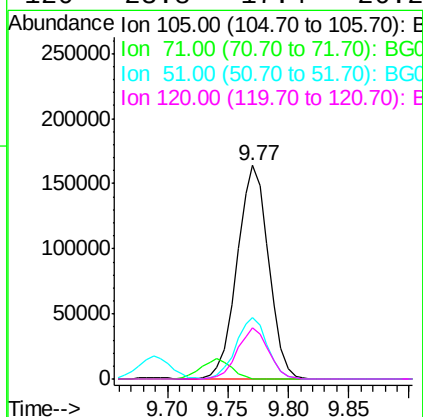
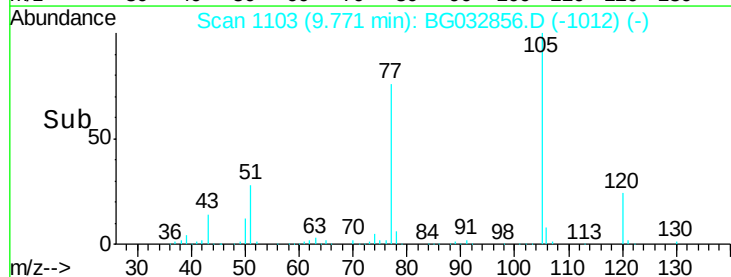
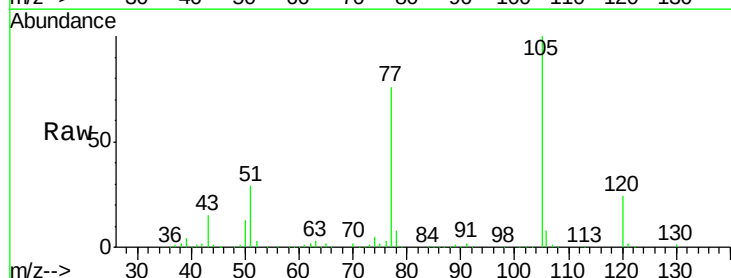
Instrument :
BNA_G
ClientSampleId :

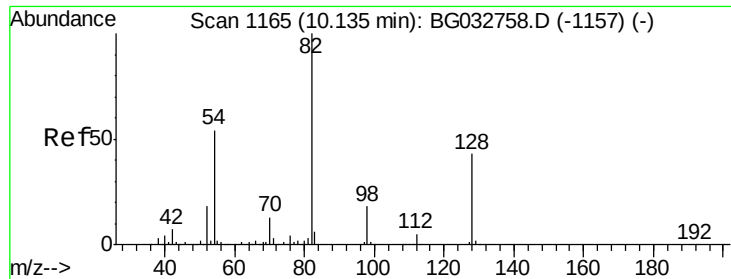
Tot Ion:136	Resp:	310346
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	9.8	10.3 15.5#
68	6.6	4.5 6.7



#22
Acetophenone
Concen: 37.91 ng
RT: 9.77 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:105	Resp:	297134
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	28.6	26.1 39.1
120	23.8	17.4 26.2

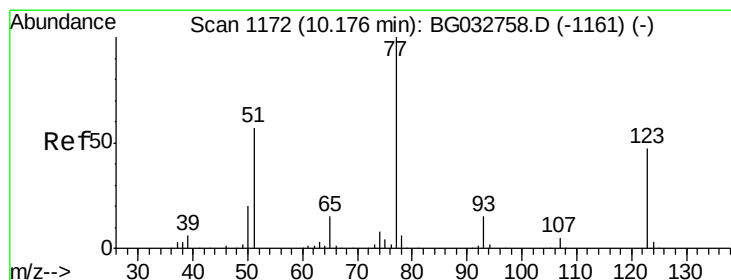
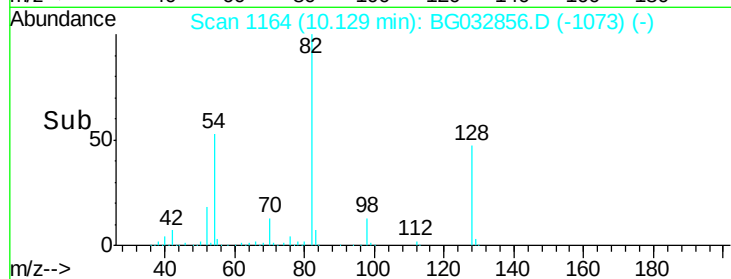
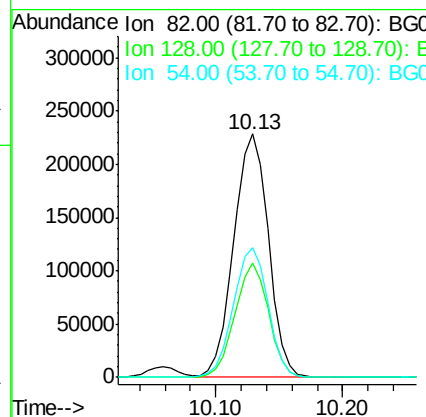
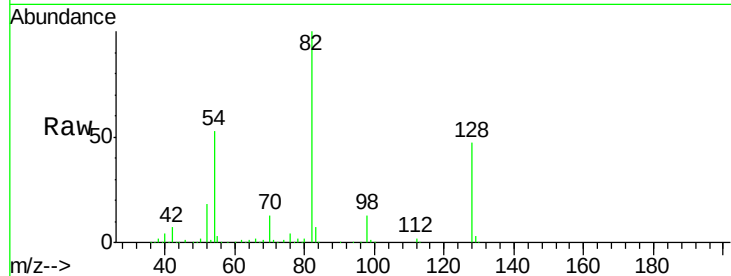




#23
 Nitrobenzene-d5
 Concen: 95.24 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

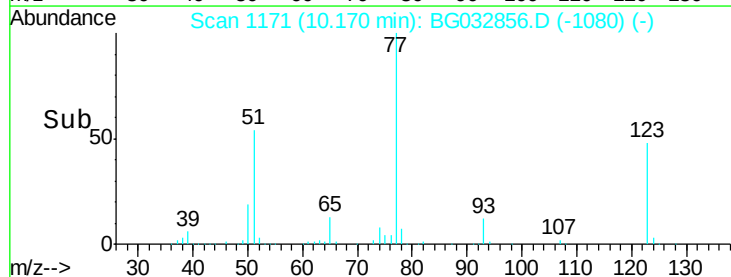
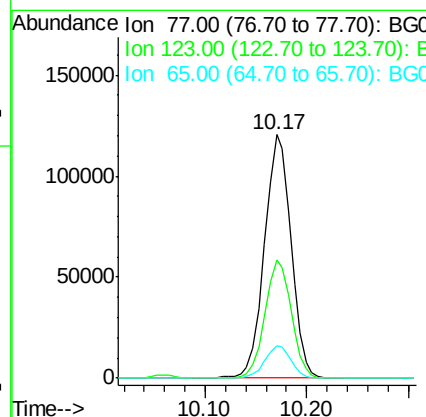
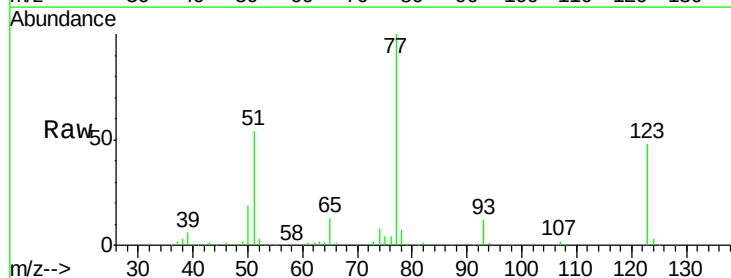
Instrument :
 BNA_G
 ClientSampled :

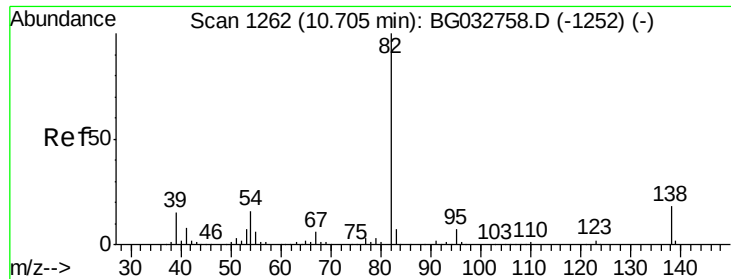
Tot Ion	82	Resp	431985
Ion Ratio	Lower	Upper	
82	100		
128	47.0	29.7	44.5#
54	53.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 44.73 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	77	Resp	218893
Ion Ratio	Lower	Upper	
77	100		
123	48.5	33.0	49.6
65	13.1	13.0	19.6





#25

Isophorone

Concen: 39.38 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

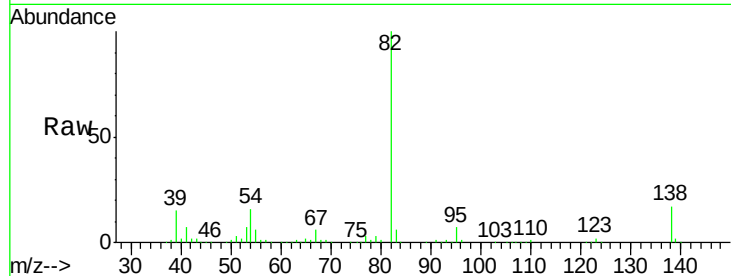
Tot Ion: 82 Resp: 428941

Ion Ratio Lower Upper

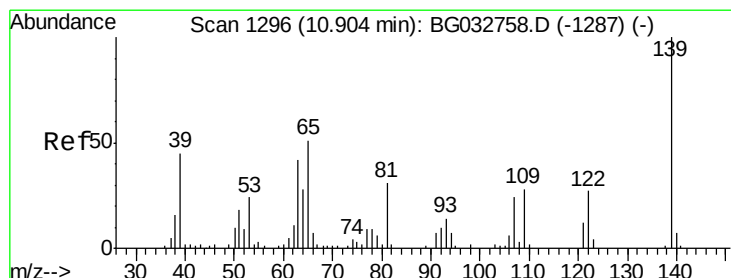
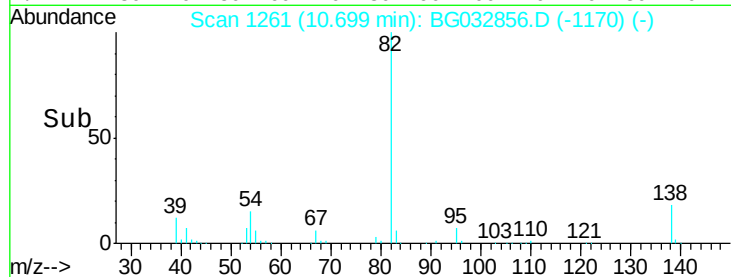
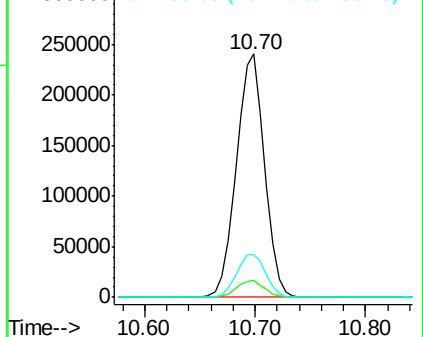
82 100

95 7.0 6.2 9.2

138 17.4 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: 56.81 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

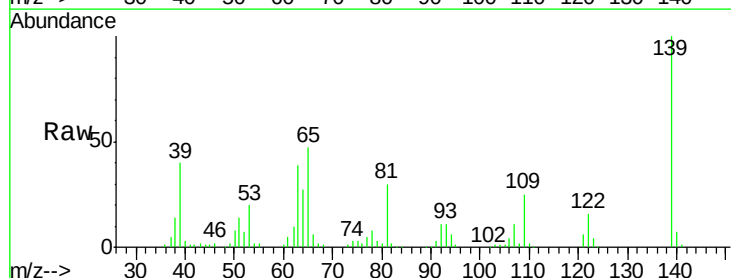
Tgt Ion: 139 Resp: 105866

Ion Ratio Lower Upper

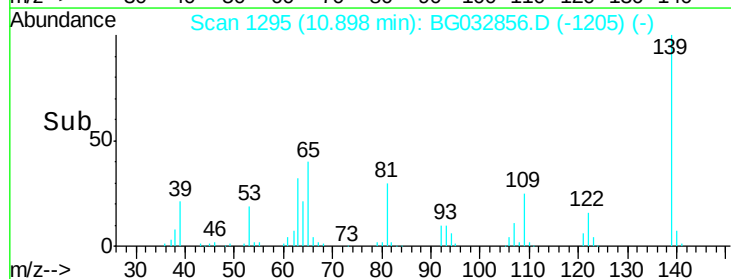
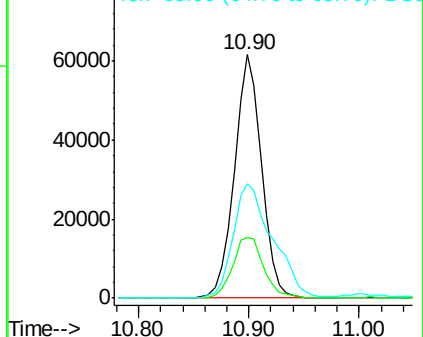
139 100

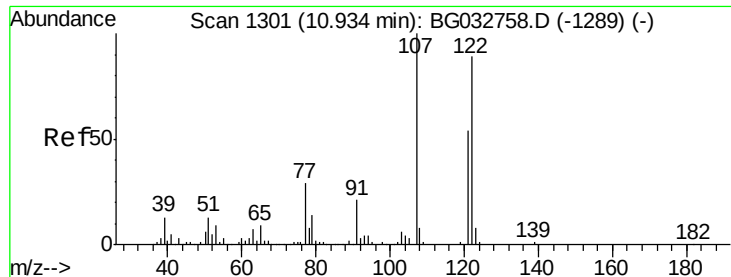
109 24.9 24.2 36.2

65 47.1 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

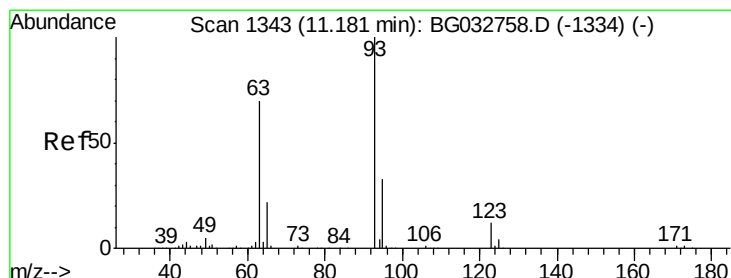
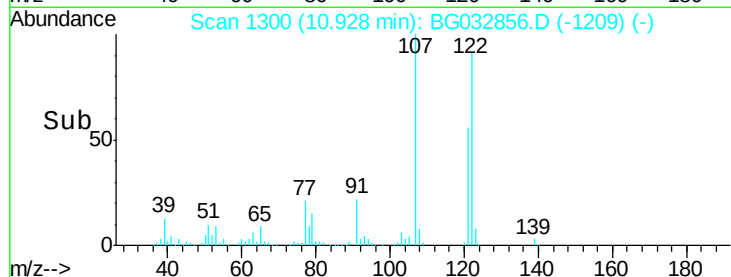
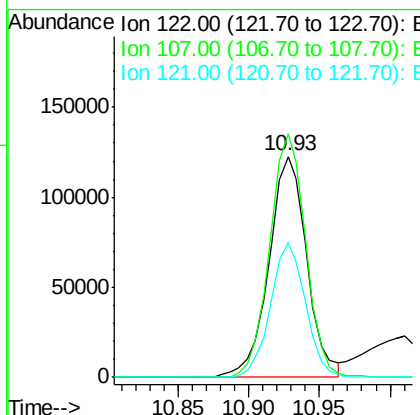
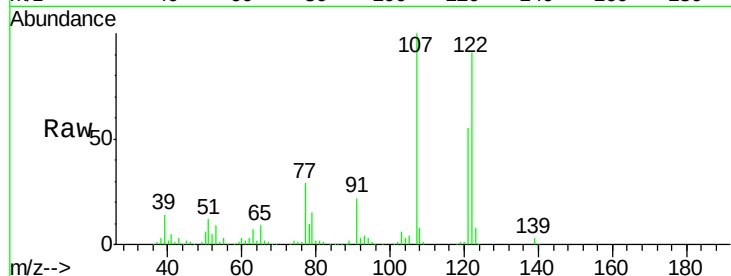




#27
2,4-Dimethylphenol
Concen: 48.45 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

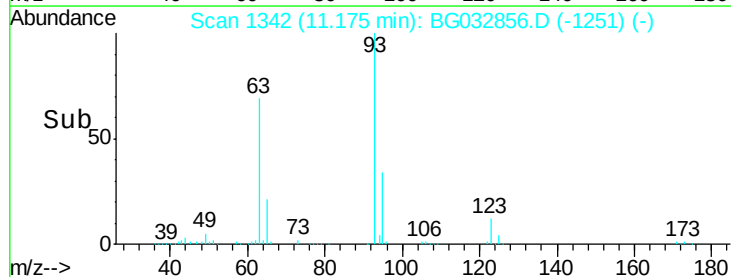
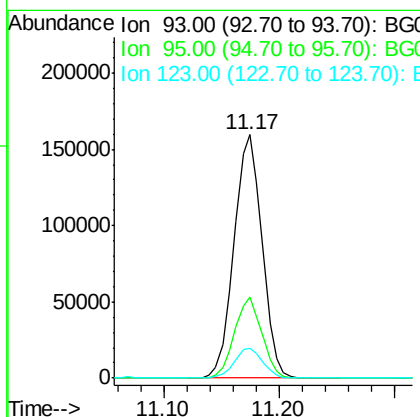
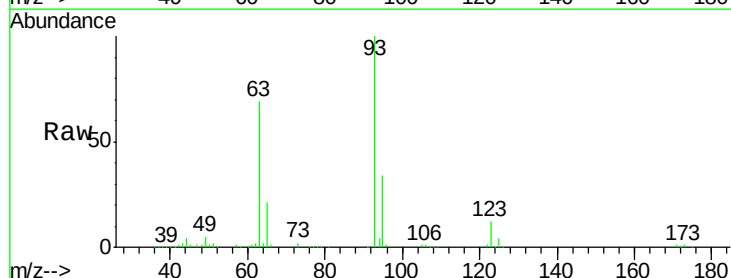
Instrument :
BNA_G
ClientSampleId :

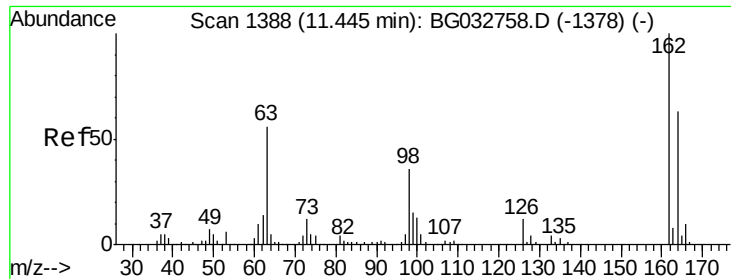
Tot Ion:122 Resp: 229280
Ion Ratio Lower Upper
122 100
107 110.3 100.2 150.2
121 61.2 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.04 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion: 93 Resp: 266784
Ion Ratio Lower Upper
93 100
95 33.5 24.3 36.5
123 12.1 8.4 12.6

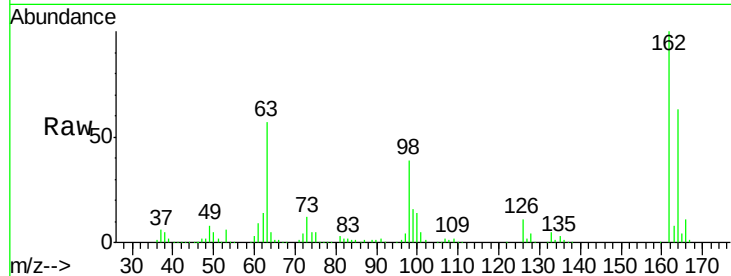




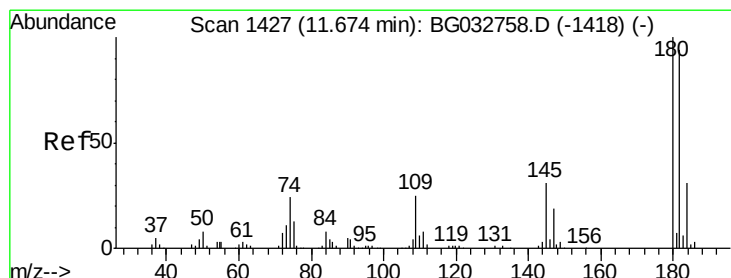
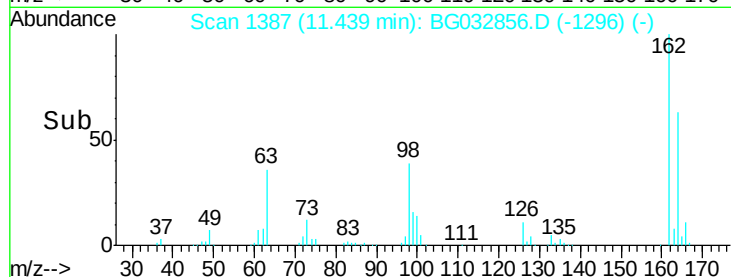
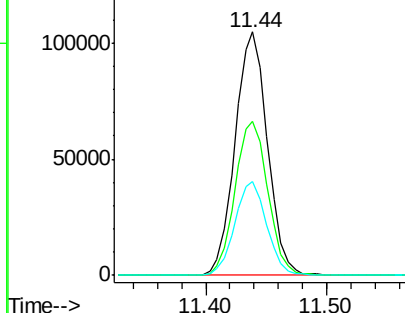
#29
 2,4-Dichlorophenol
 Concen: 45.50 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 195405
 Ion Ratio Lower Upper
 162 100
 164 63.3 48.0 88.0
 98 38.7 21.1 61.1

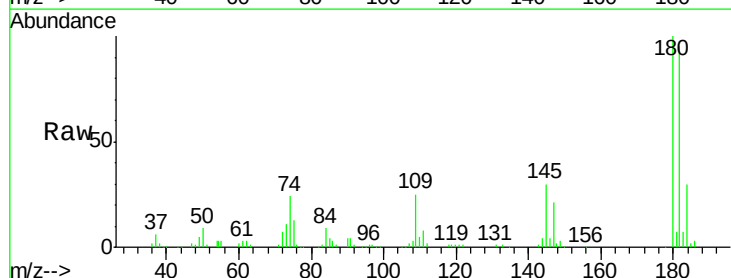


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

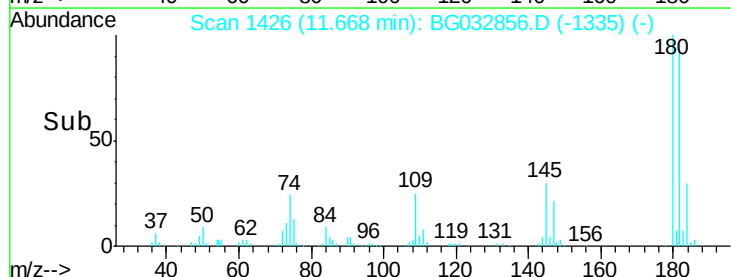
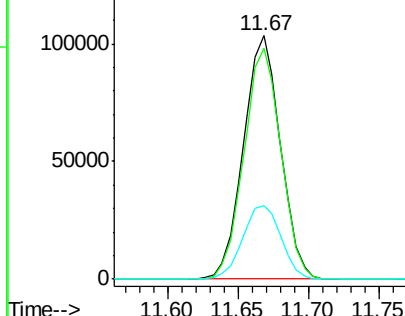


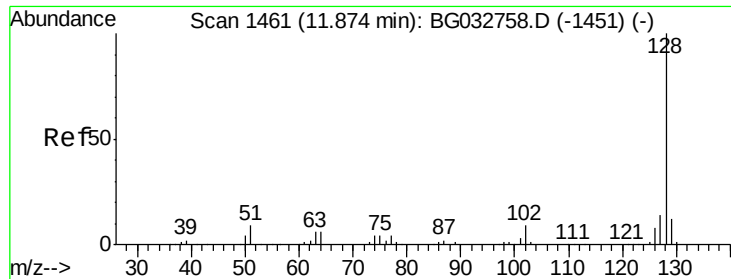
#30
 1,2,4-Trichlorobenzene
 Concen: 37.62 ng
 RT: 11.67 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion:180 Resp: 189404
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.5 116.3
 145 30.3 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

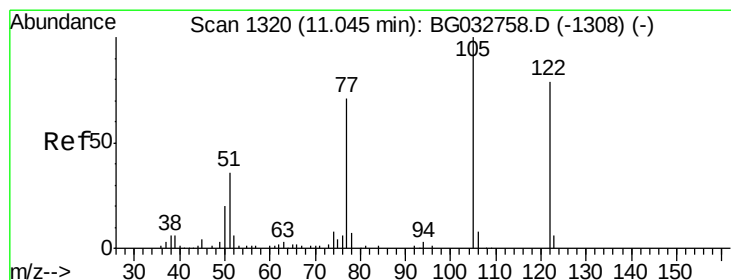
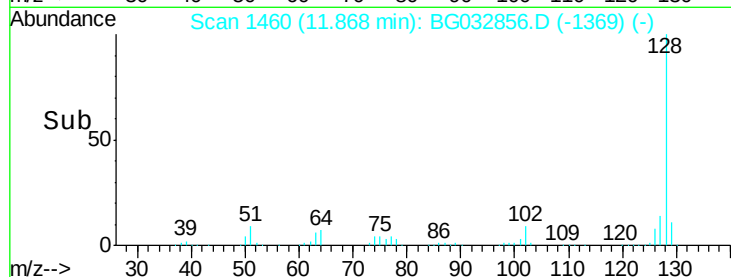
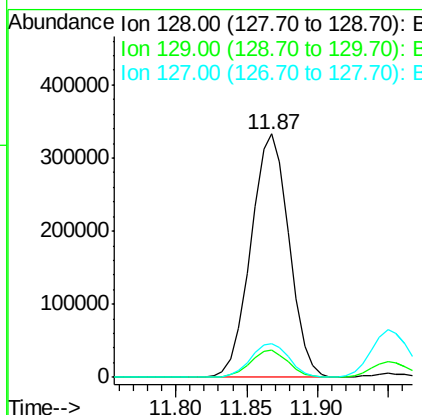
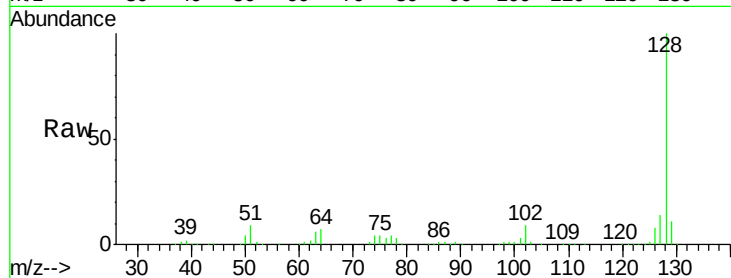




#31
Naphthalene
Concen: 38.84 ng
RT: 11.87 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

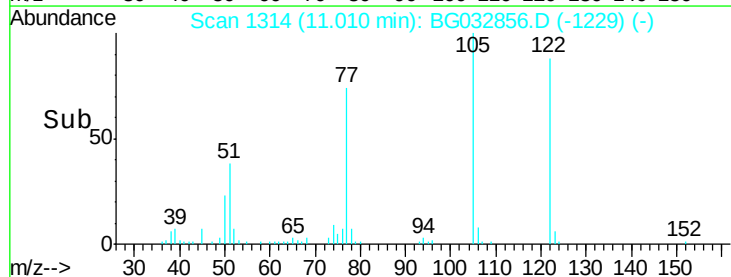
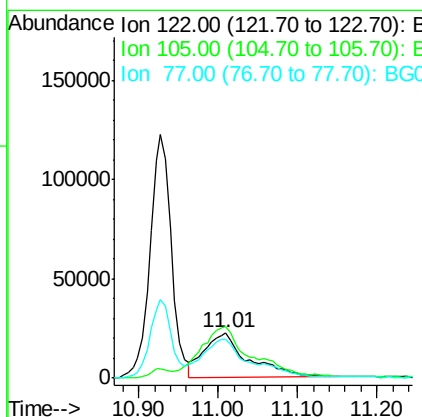
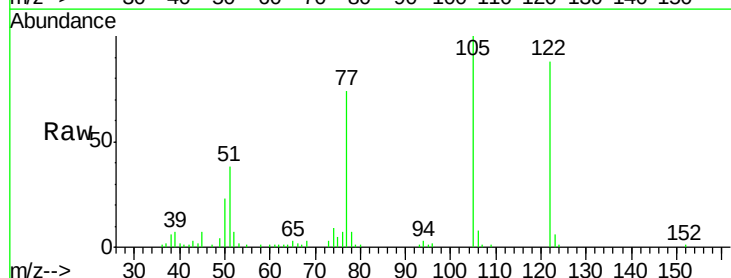
Instrument :
BNA_G
ClientSampleId :

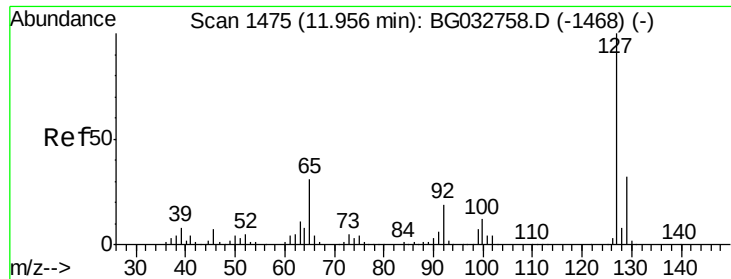
Tot Ion:128 Resp: 629884
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 33.99 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:122 Resp: 85633
Ion Ratio Lower Upper
122 100
105 113.9 123.5 163.5#
77 84.7 85.7 125.7#

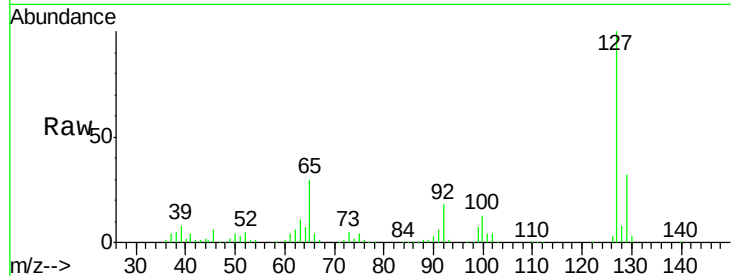




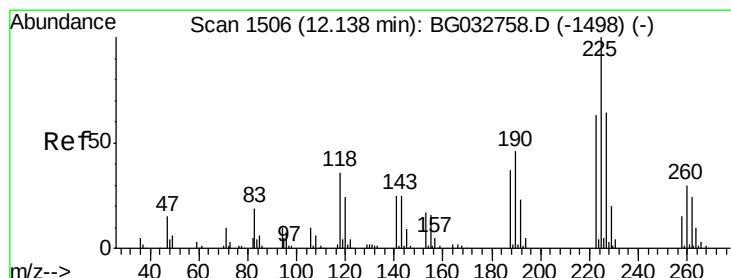
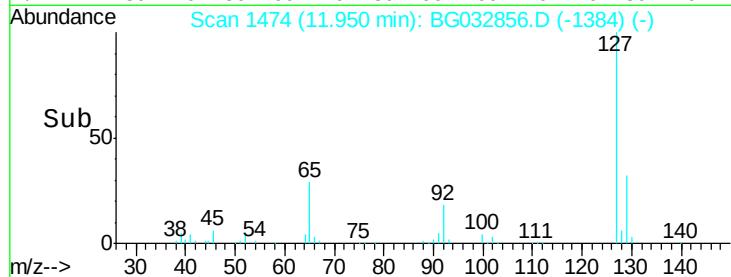
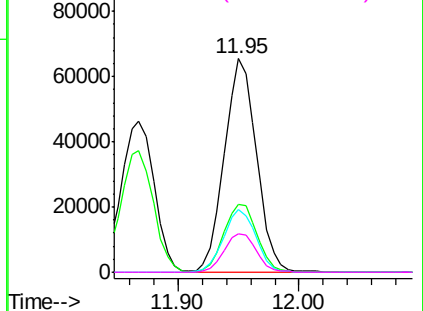
#33
4-Chloroaniline
Concen: 16.75 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	121455
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	29.7	27.0	40.4
92	18.2	16.6	25.0

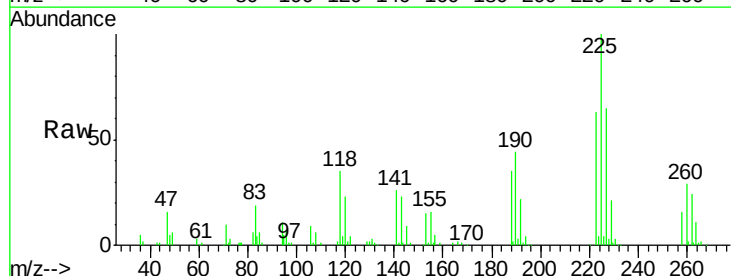


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

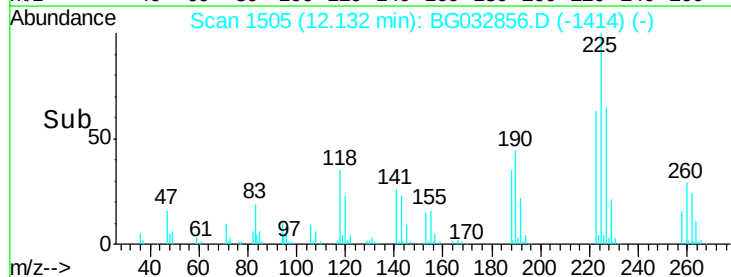
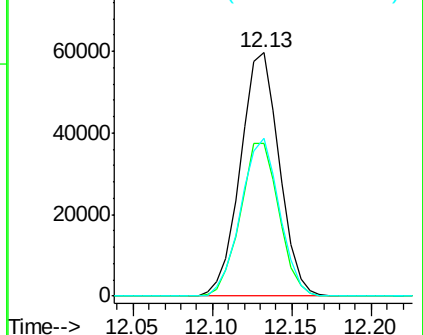


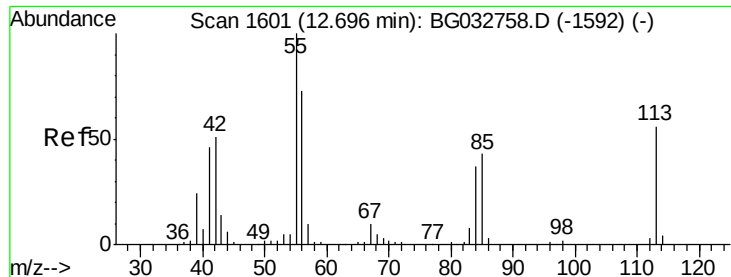
#34
Hexachlorobutadiene
Concen: 35.87 ng
RT: 12.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:	225	Resp:	101280
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	65.0	48.1	72.1



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

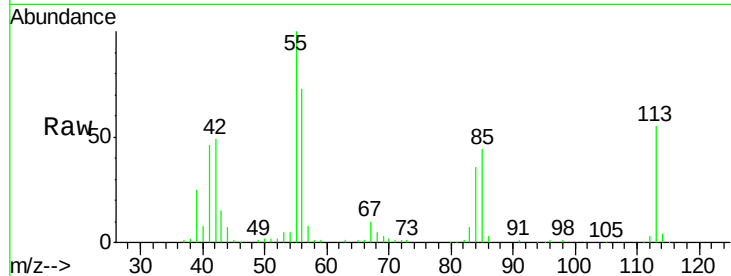




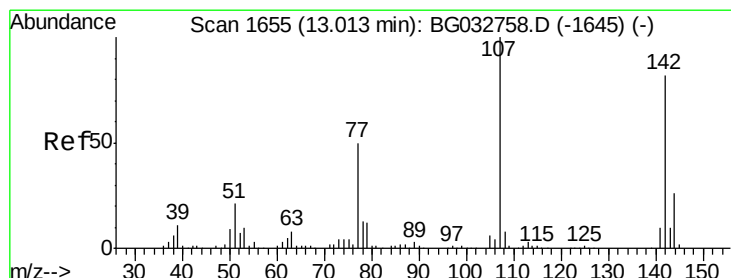
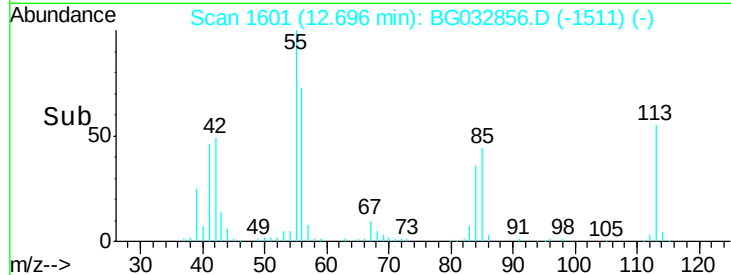
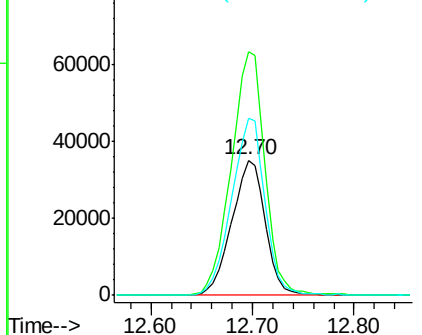
#35
 Caprolactam
 Concen: 46.53 ng
 RT: 12.70 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 80017
 Ion Ratio Lower Upper
 113 100
 55 180.6 186.9 226.9#
 56 131.7 130.9 170.9

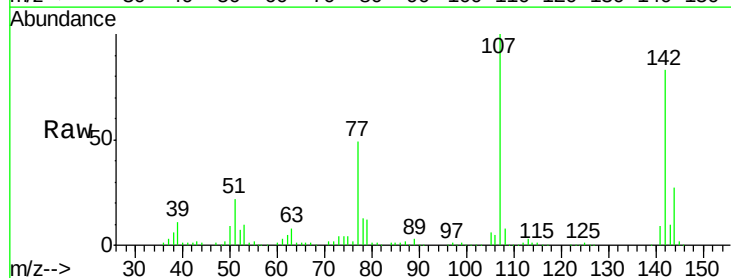


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

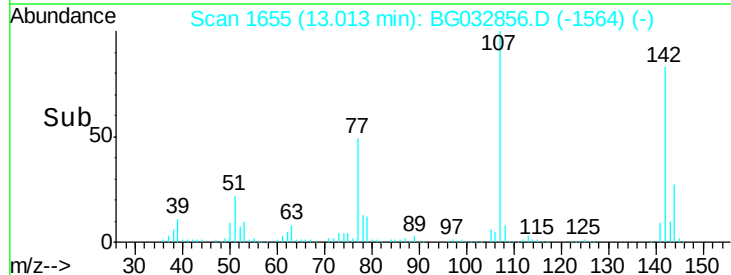
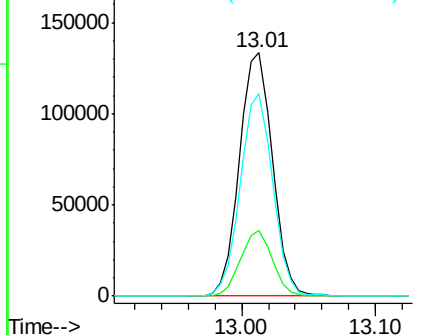


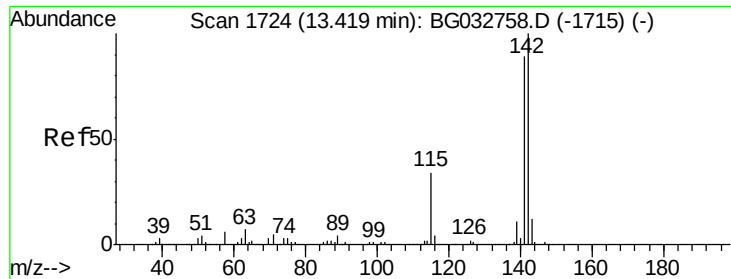
#36
 4-Chloro-3-methylphenol
 Concen: 45.88 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion:107 Resp: 229277
 Ion Ratio Lower Upper
 107 100
 144 26.8 18.2 27.4
 142 83.2 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

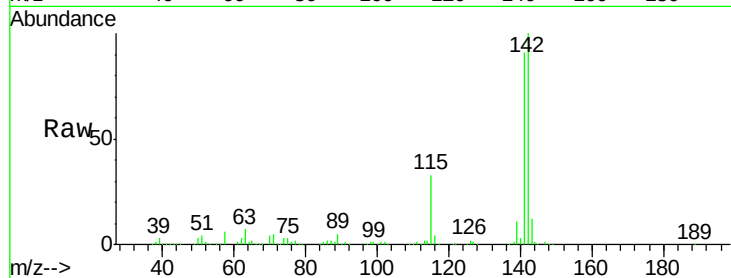




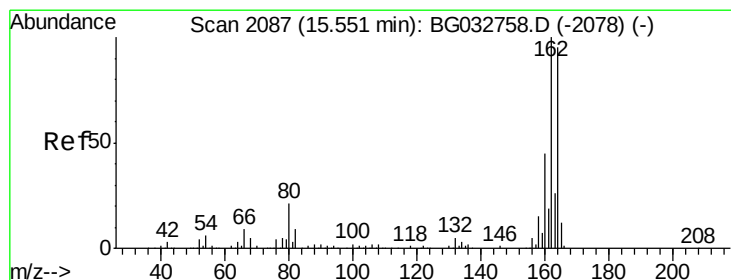
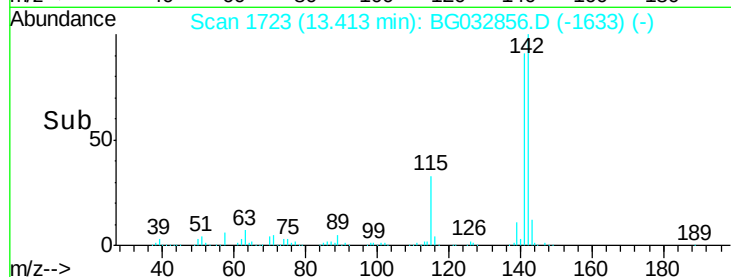
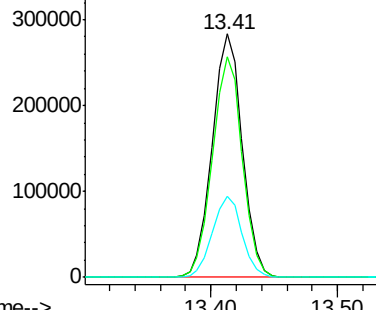
#37
2-Methylnaphthalene
Concen: 39.59 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	33.3	30.7	46.1

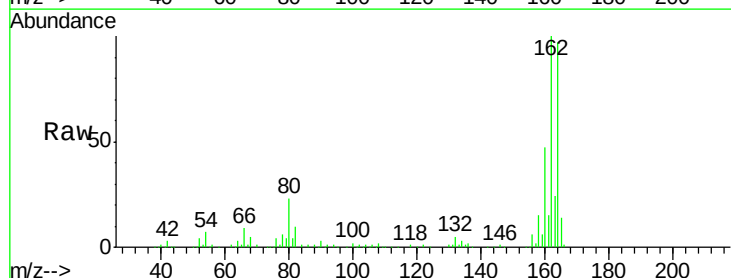


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

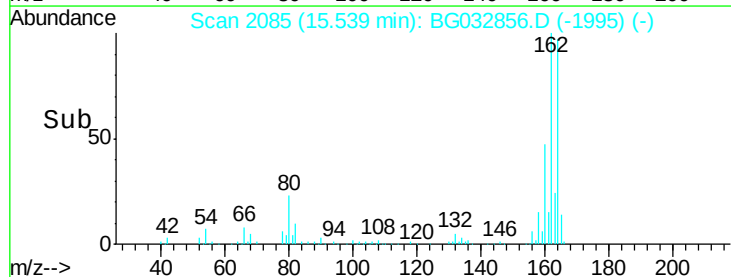
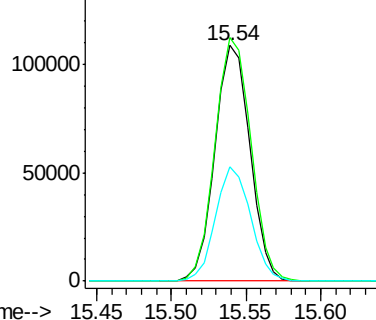


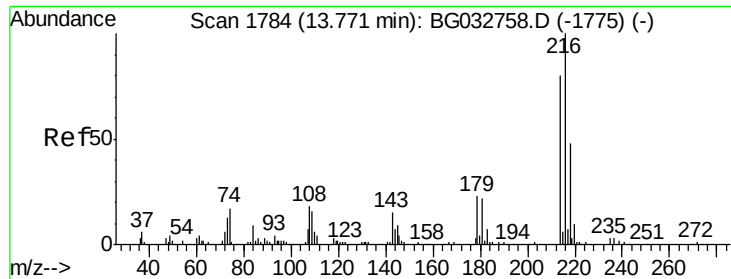
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	48.4	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: 36.73 ng

RT: 13.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BG032856.D

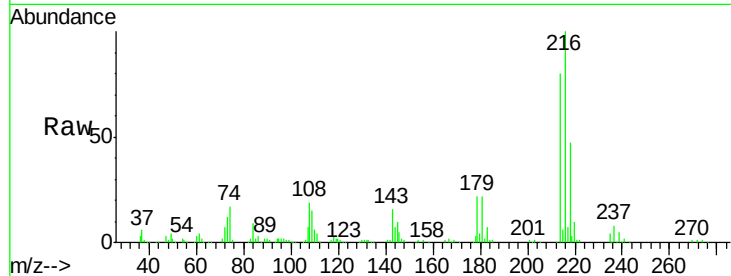
Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	192327
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.7	17.0	25.6
108	23.4	12.8	19.2#

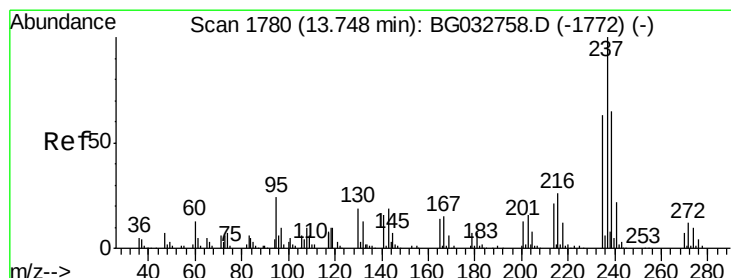
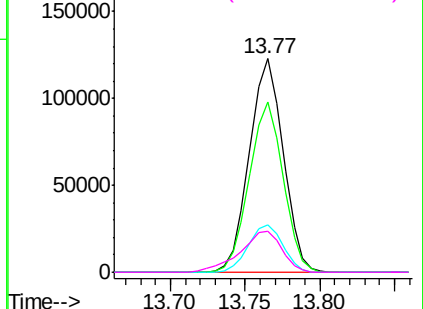
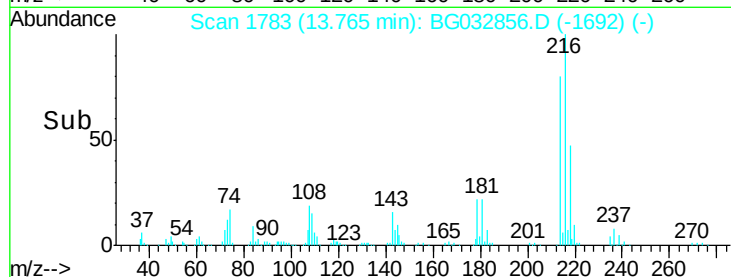


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.21 ng

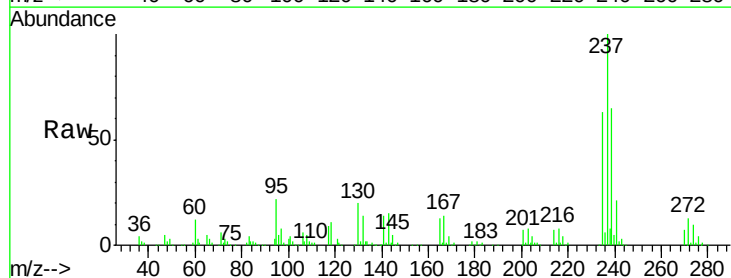
RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

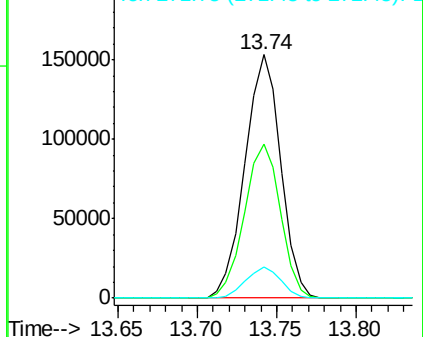
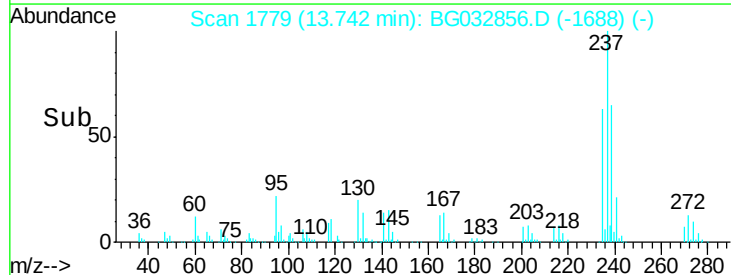
Tgt Ion:	237	Resp:	240716
Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.4	90.4
272	12.5	0.0	31.8

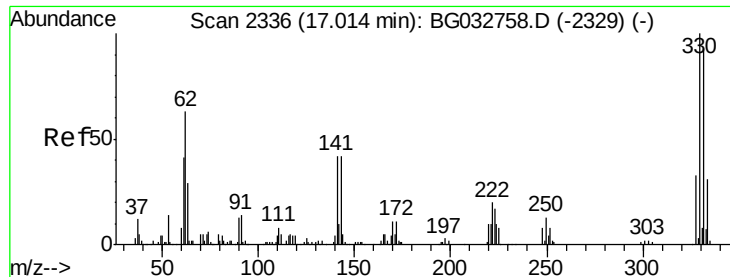


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

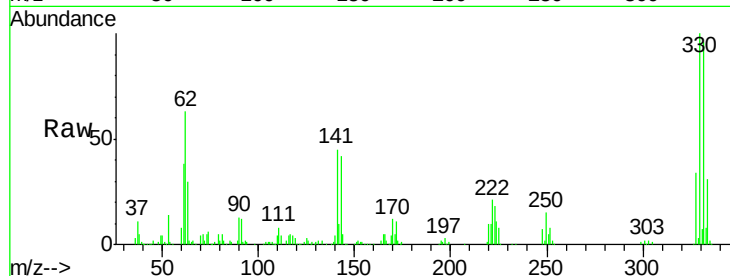




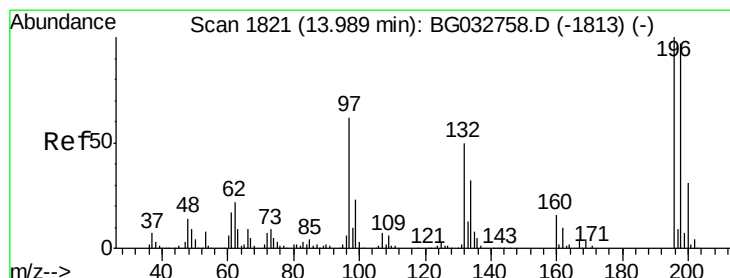
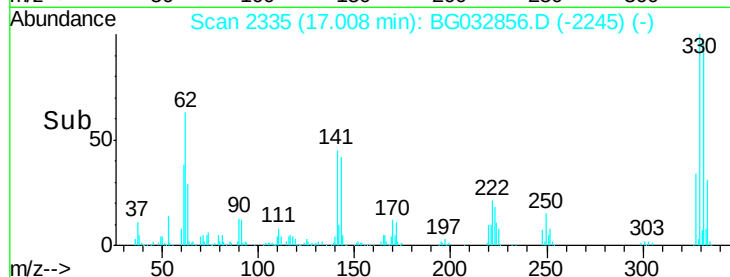
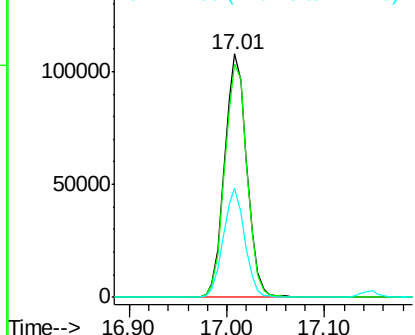
#41
 2,4,6-Tribromophenol
 Concen: 91.51 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 169722
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 43.1 25.2 37.8#

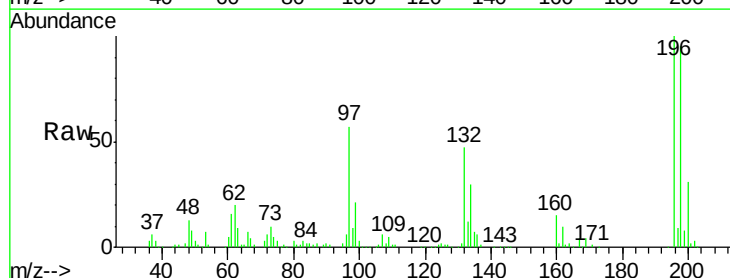


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

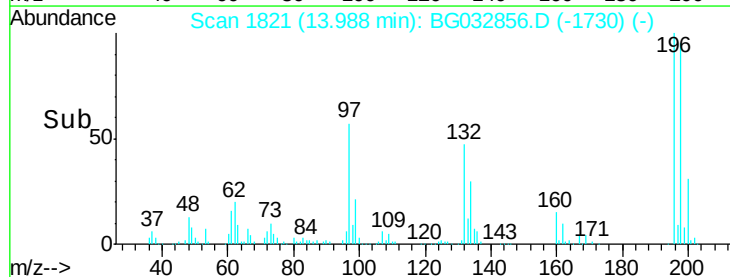
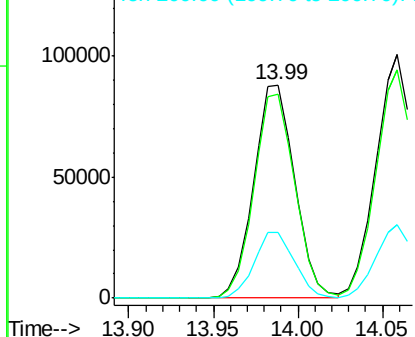


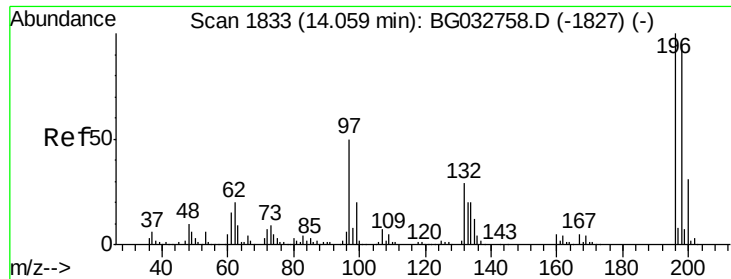
#42
 2,4,6-Trichlorophenol
 Concen: 44.83 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion:196 Resp: 148046
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.2 117.2
 200 30.9 24.6 36.8



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

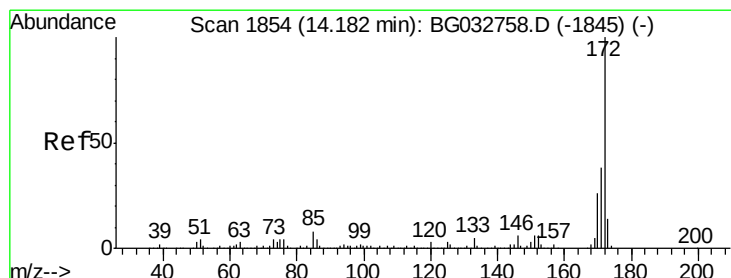
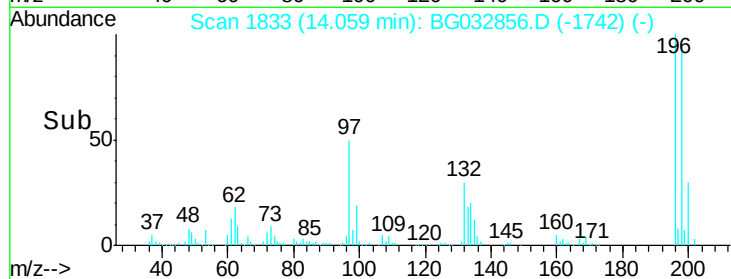
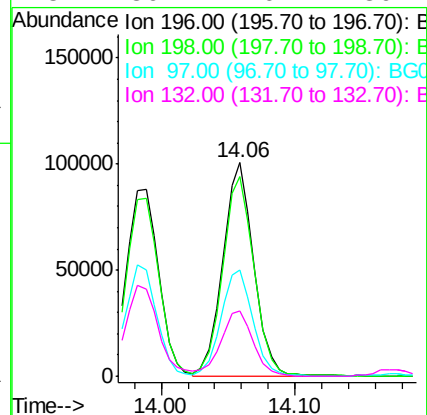
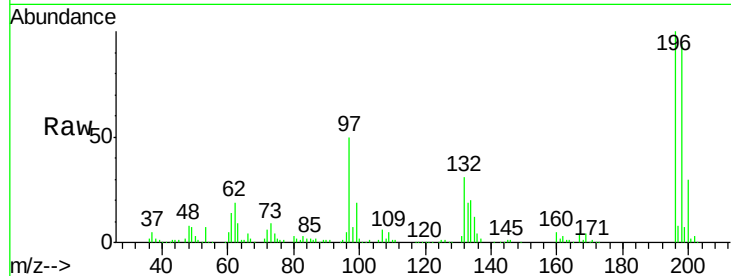




#43
 2,4,5-Trichlorophenol
 Concen: 42.70 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

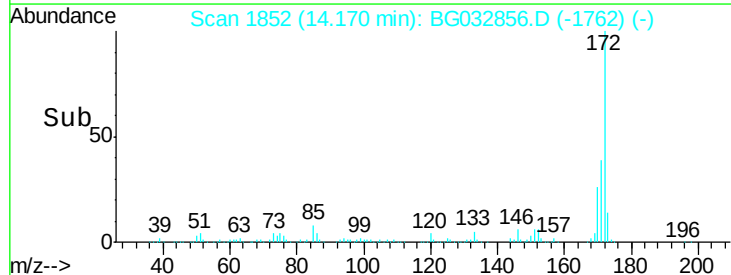
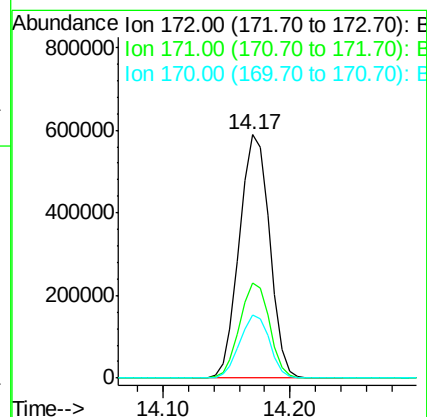
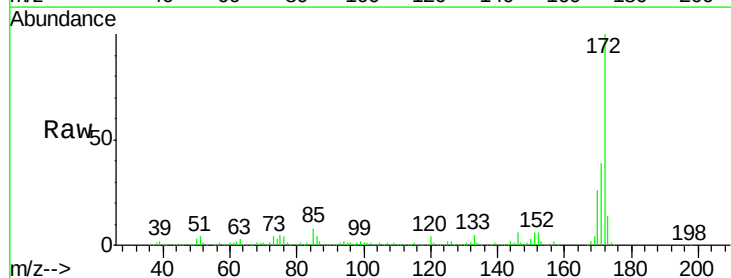
Instrument :
 BNA_G
 ClientSampleId :

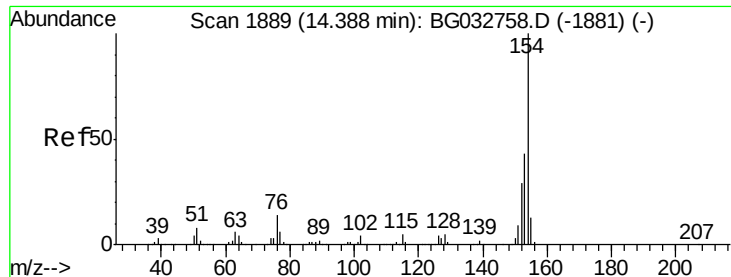
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.2	114.4
97	49.9	38.7	58.1
132	30.7	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	26.0	19.5	29.3





#45

1,1'-Biphenyl

Concen: 37.31 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampled :

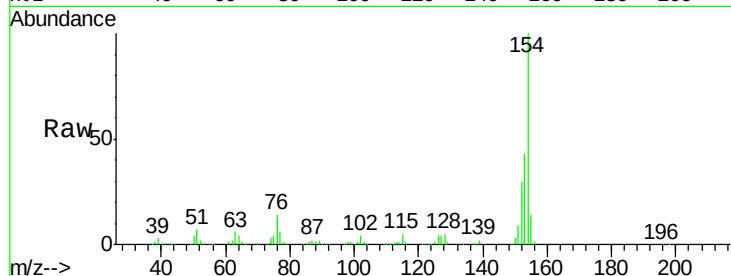
Tot Ion:154 Resp: 575003

Ion Ratio Lower Upper

154 100

153 43.4 19.8 59.8

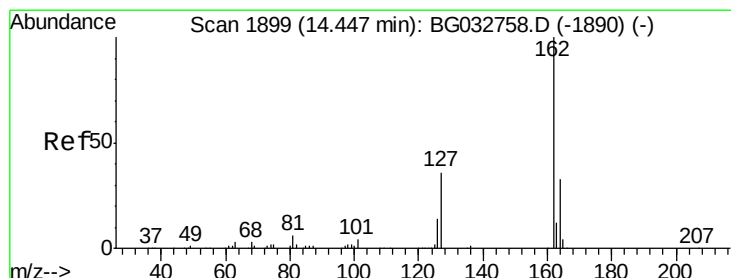
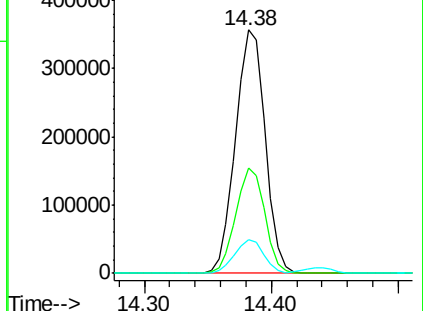
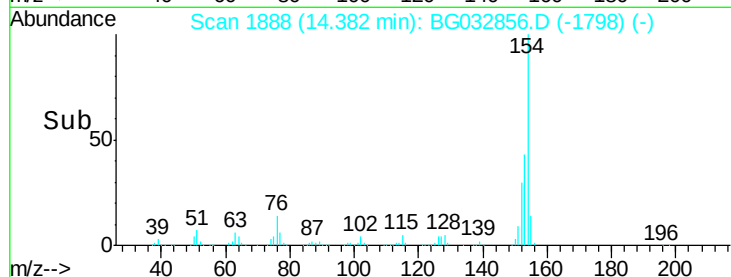
76 14.1 0.0 31.9



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: 38.11 ng

RT: 14.44 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

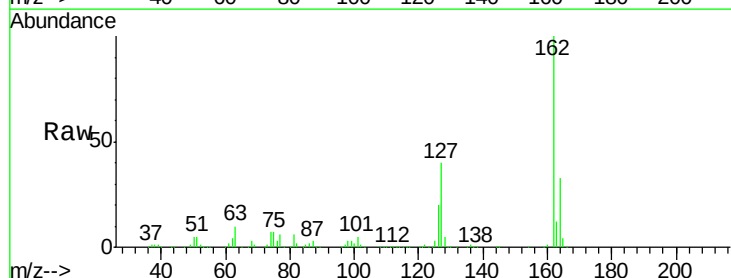
Tgt Ion:162 Resp: 438836

Ion Ratio Lower Upper

162 100

127 39.8 30.7 46.1

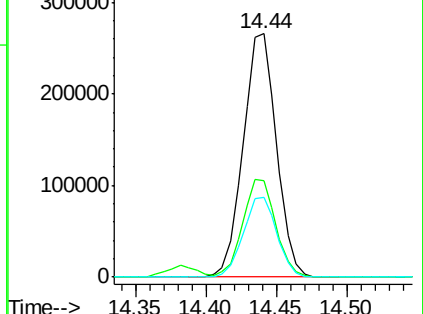
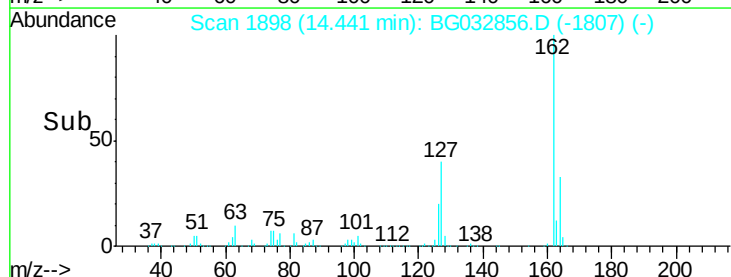
164 32.6 26.0 39.0

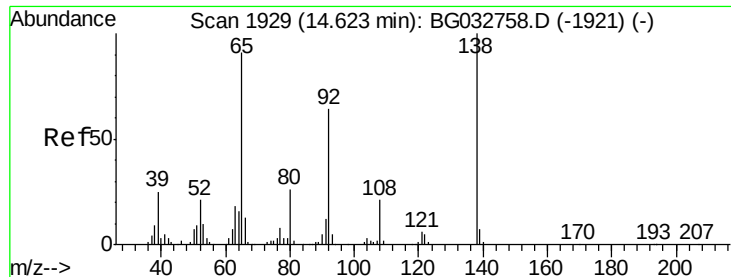


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

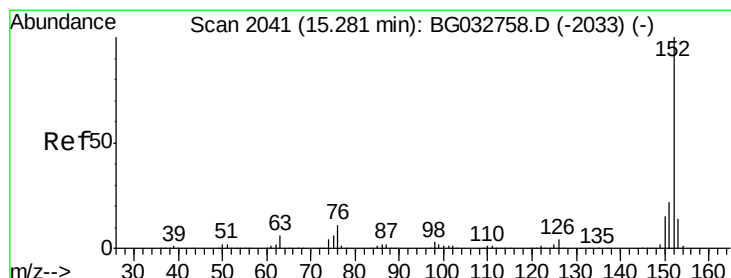
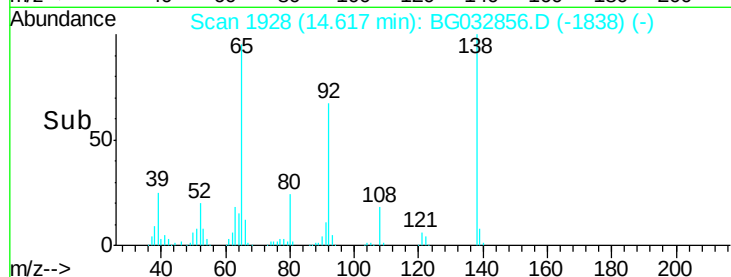
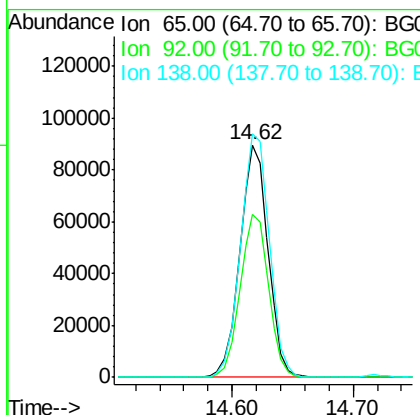
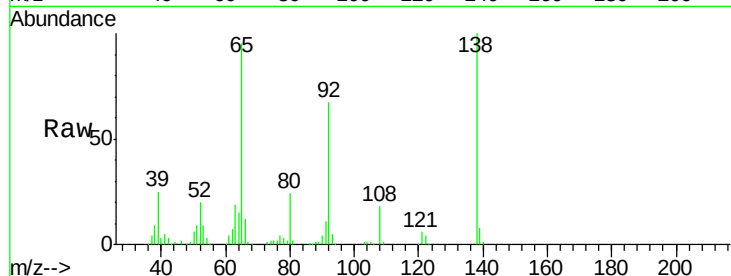




#47
2-Nitroaniline
Concen: 49.66 ng
RT: 14.62 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

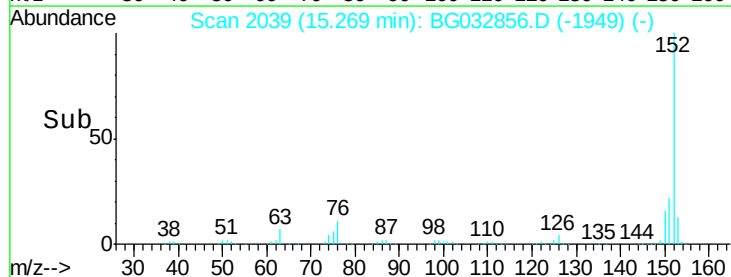
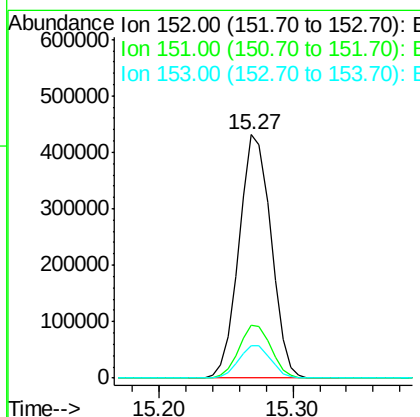
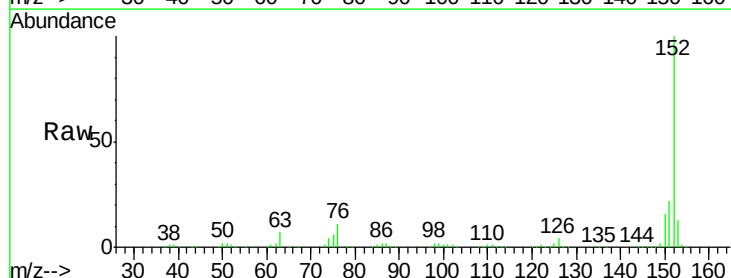
Instrument :
BNA_G
ClientSampleId :

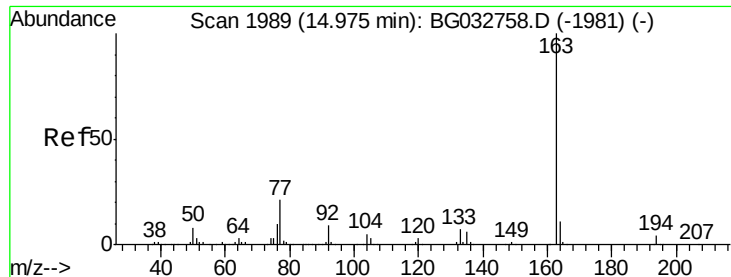
Tot Ion: 65 Resp: 145454
Ion Ratio Lower Upper
65 100
92 70.4 54.6 82.0
138 104.9 72.9 109.3



#48
Acenaphthylene
Concen: 38.01 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion: 152 Resp: 716454
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 37.78 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampled :

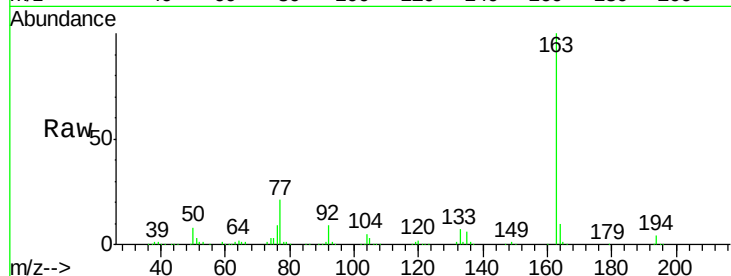
Tot Ion:163 Resp: 565895

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

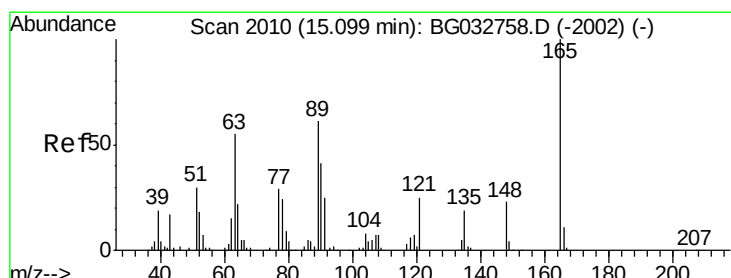
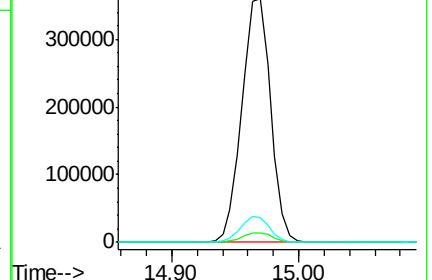
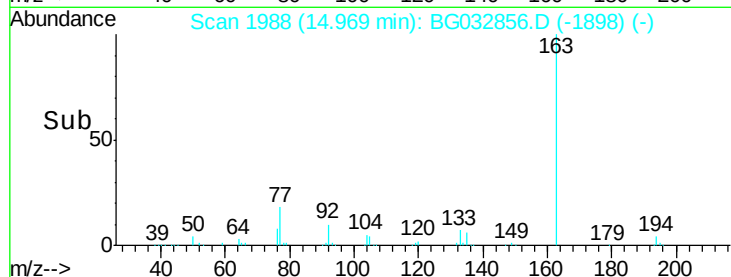
164 10.4 8.2 12.4



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: 50.02 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

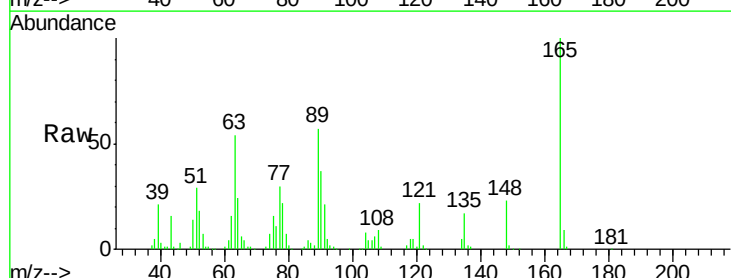
Tgt Ion:165 Resp: 125132

Ion Ratio Lower Upper

165 100

63 54.3 52.7 79.1

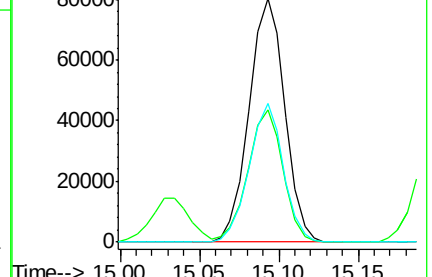
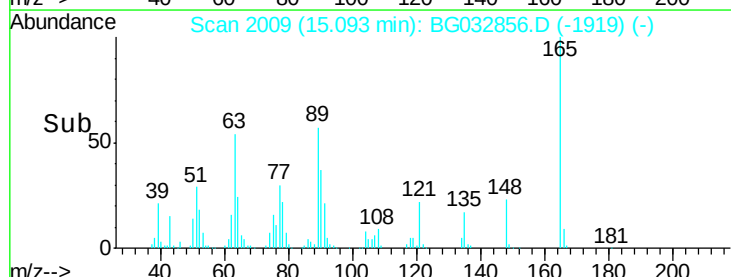
89 56.7 49.2 73.8

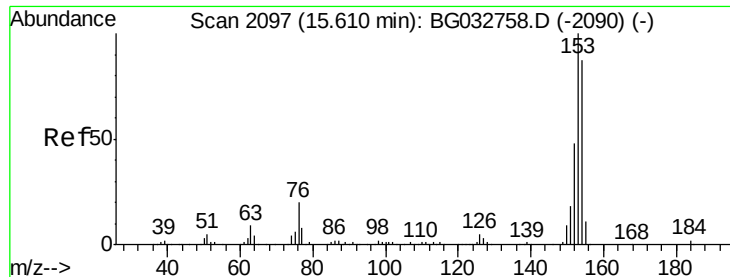


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.22 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

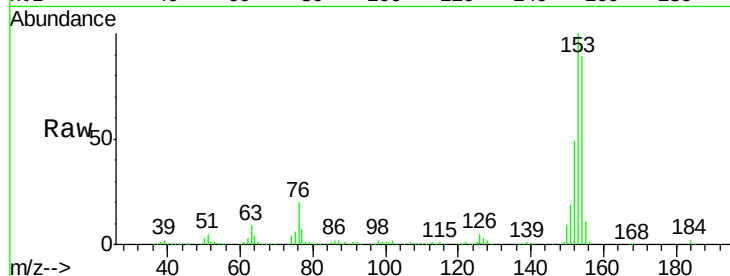
Tot Ion:154 Resp: 448756

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

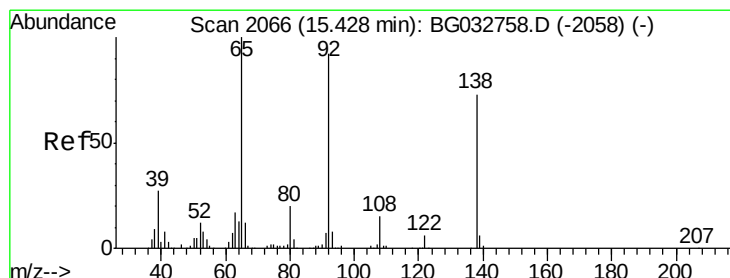
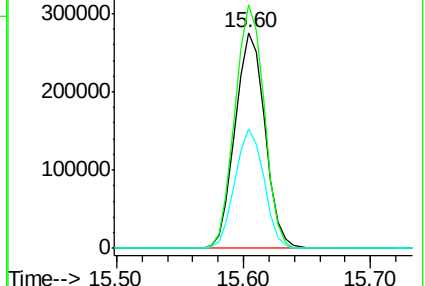
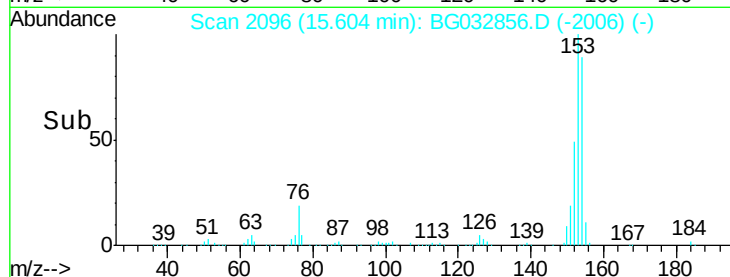
152 55.1 41.6 62.4



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: 31.65 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

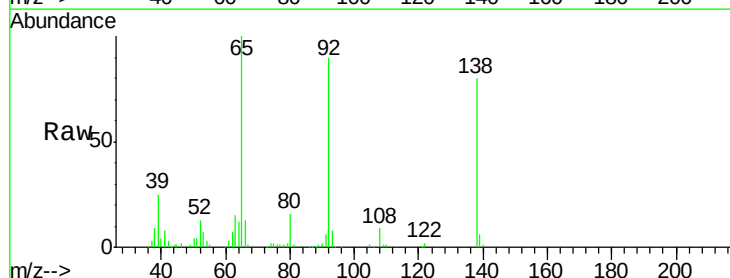
Tgt Ion:138 Resp: 87726

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

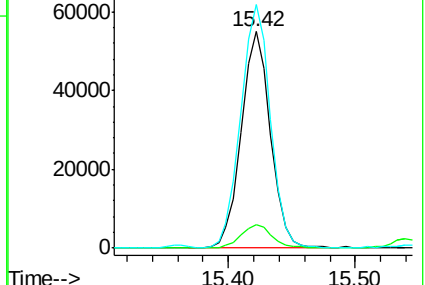
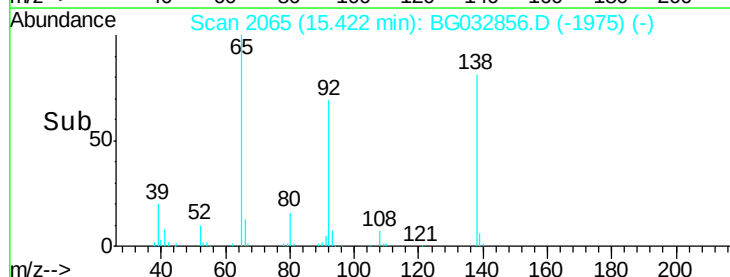
92 112.4 105.8 158.8

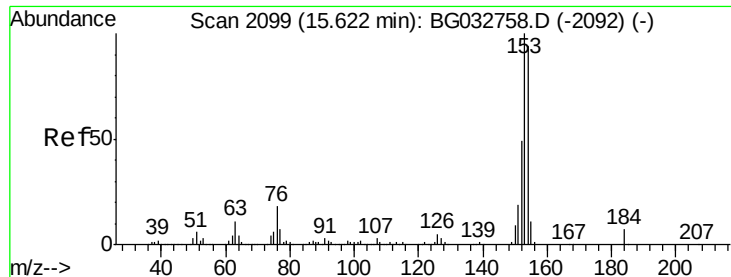


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

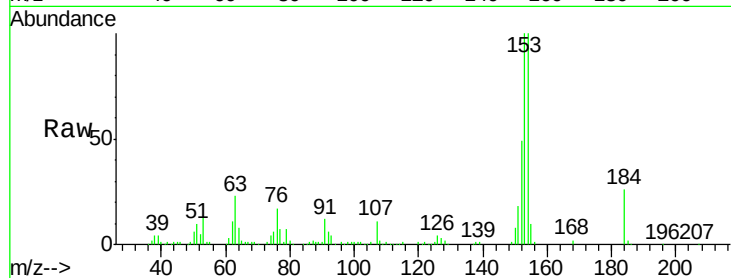




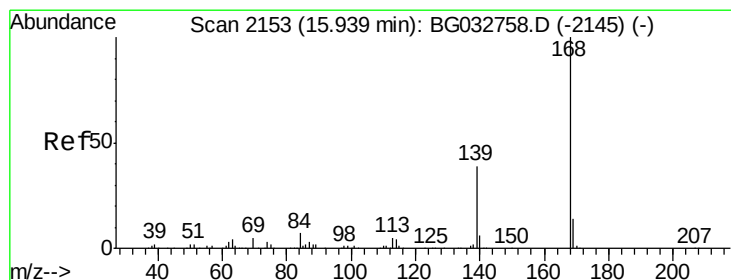
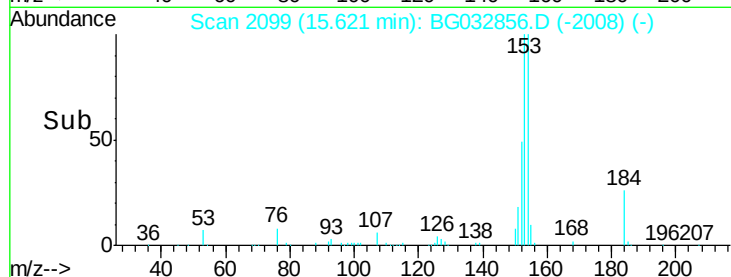
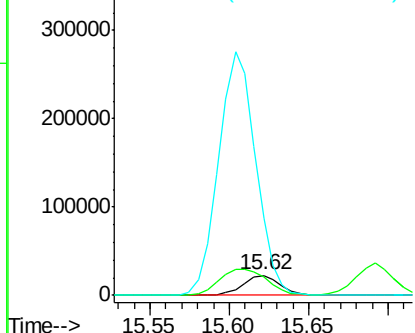
#53
2,4-Dinitrophenol
Concen: 54.38 ng
RT: 15.62 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 37055
Ion Ratio Lower Upper
184 100
63 88.1 59.8 89.8
154 379.9 101.8 152.8#

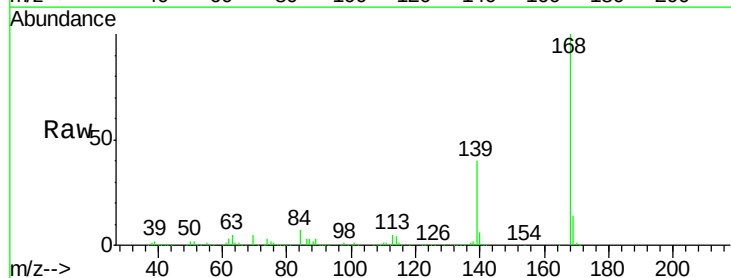


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

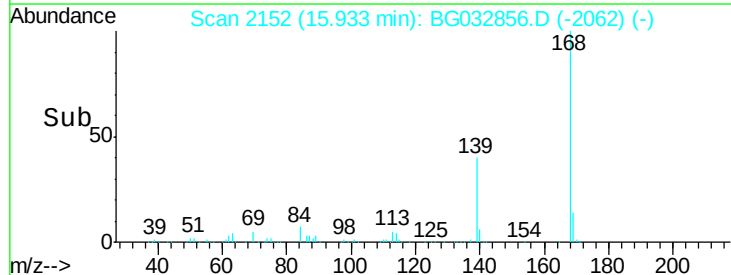
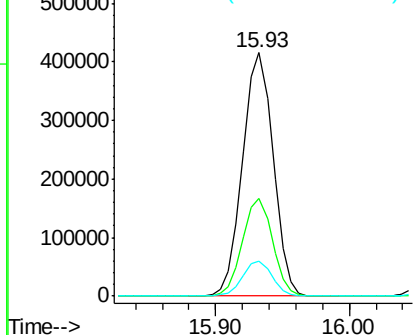


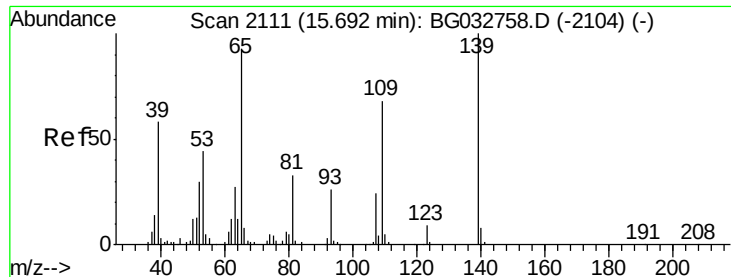
#54
Dibenzofuran
Concen: 39.44 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:168 Resp: 659359
Ion Ratio Lower Upper
168 100
139 40.2 28.6 43.0
169 14.4 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

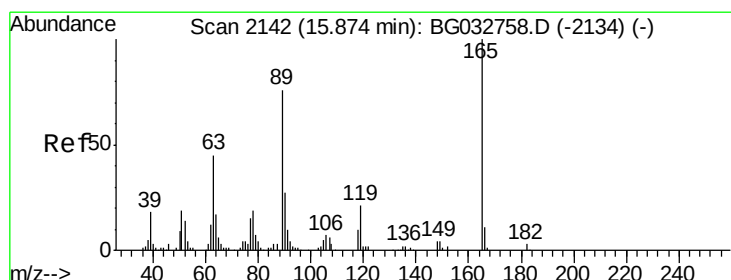
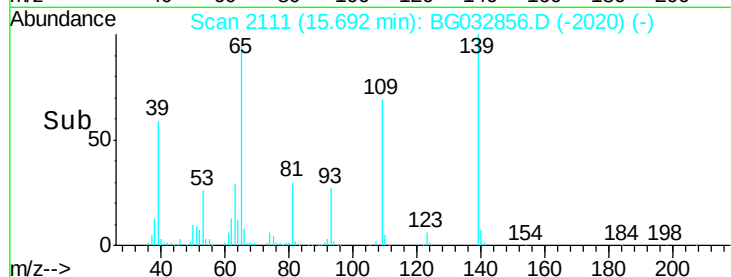
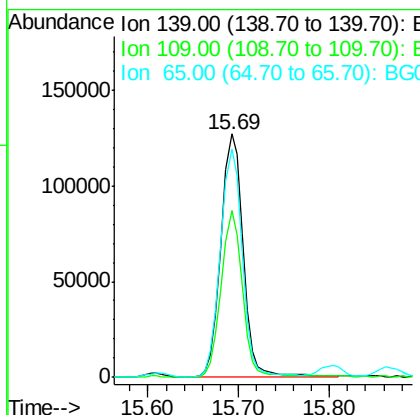
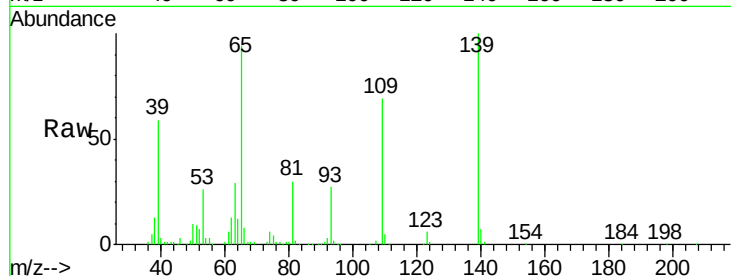




#55
4-Nitrophenol
Concen: 88.15 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

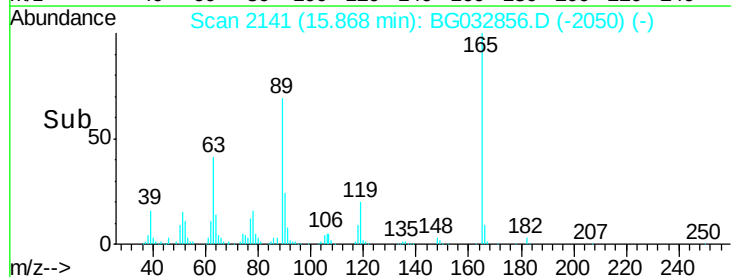
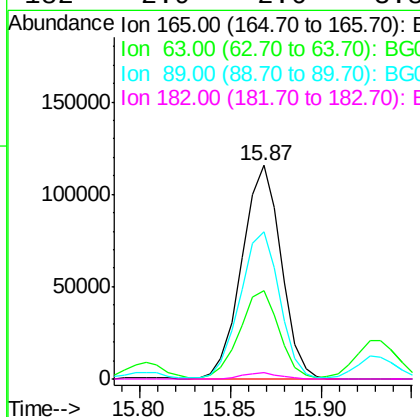
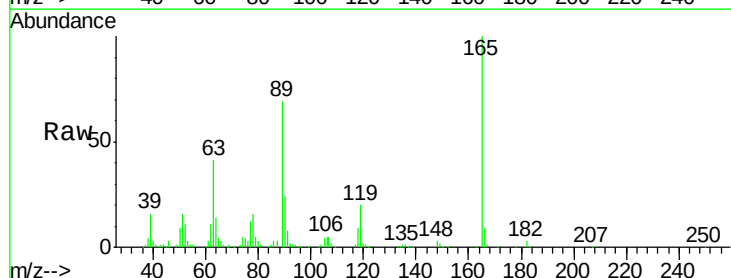
Instrument :
BNA_G
ClientSampleId :

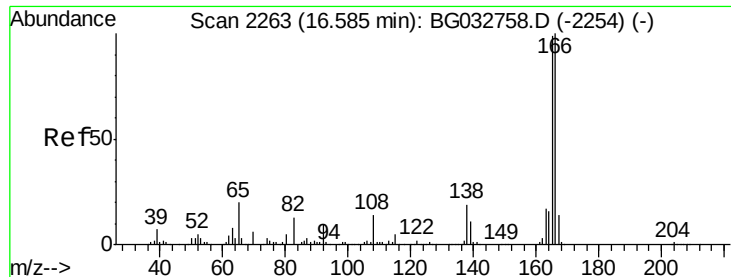
Tot Ion:139 Resp: 218127
Ion Ratio Lower Upper
139 100
109 68.5 62.2 102.2
65 93.6 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 57.37 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:165 Resp: 175215
Ion Ratio Lower Upper
165 100
63 41.1 42.0 63.0#
89 69.2 66.9 100.3
182 2.9 2.6 3.8

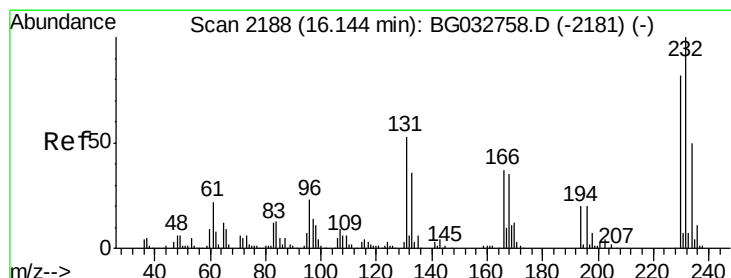
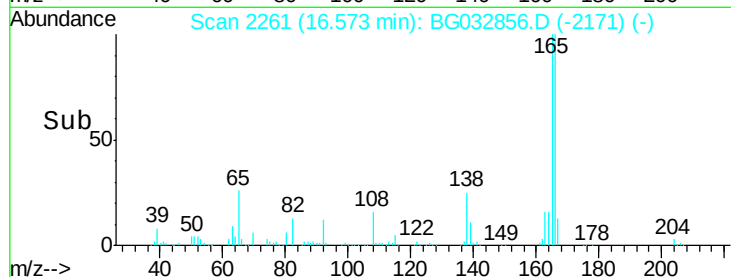
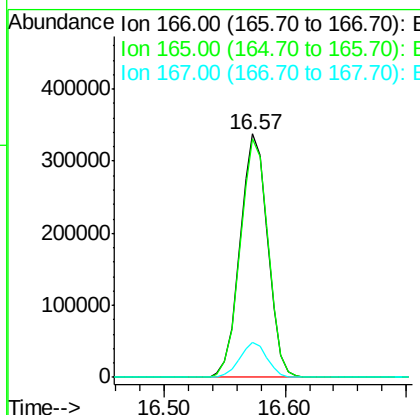
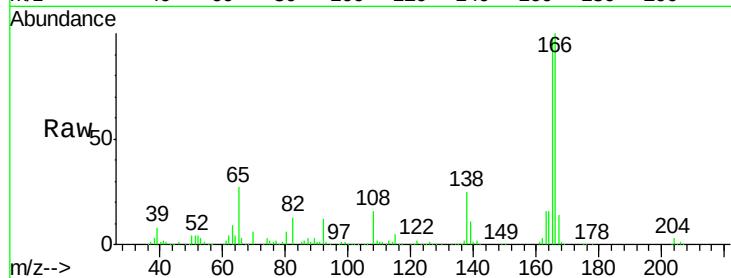




#57
 Fluorene
 Concen: 38.97 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

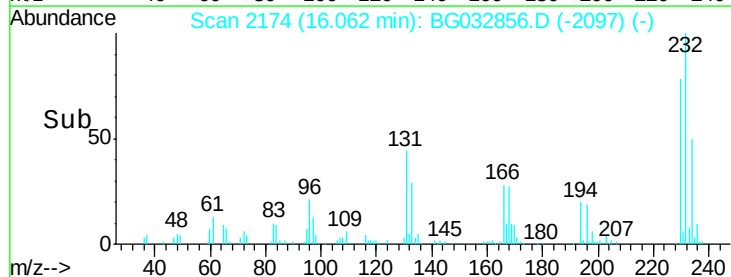
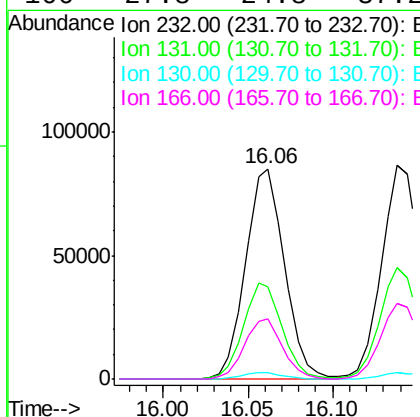
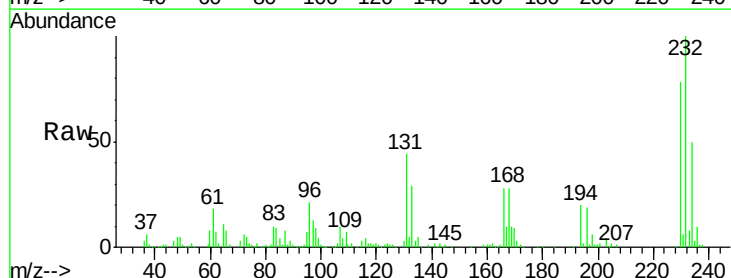
Instrument :
 BNA_G
 ClientSampleId :

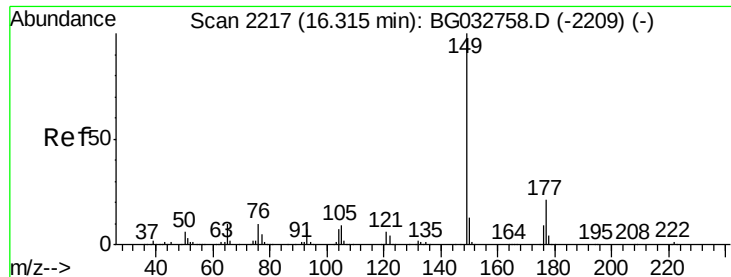
Tot Ion:166 Resp: 537705
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.02 ng
 RT: 16.06 min Scan# 2174
 Delta R.T. -0.08 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion:232 Resp: 136543
 Ion Ratio Lower Upper
 232 100
 131 45.2 33.5 50.3
 130 2.9 2.2 3.2
 166 27.8 24.8 37.2

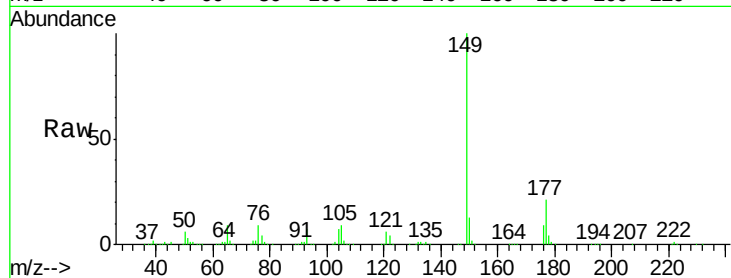




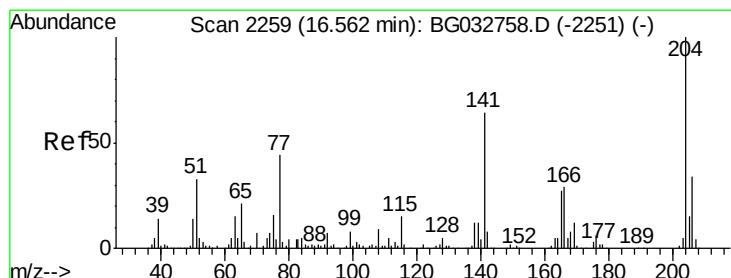
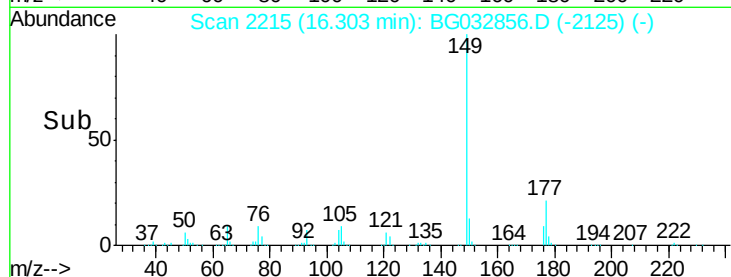
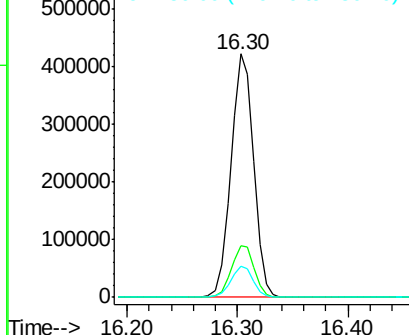
#59
Diethylphthalate
Concen: 38.16 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 602831
Ion Ratio Lower Upper
149 100
177 21.3 18.5 27.7
150 12.9 10.2 15.2

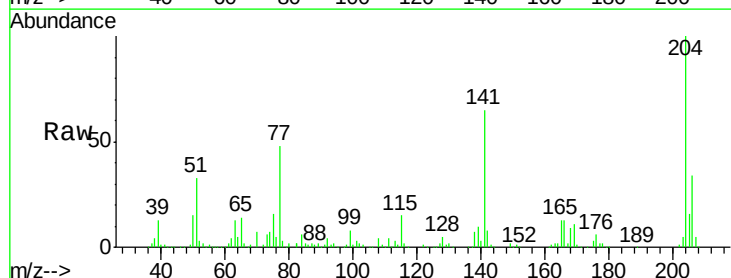


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

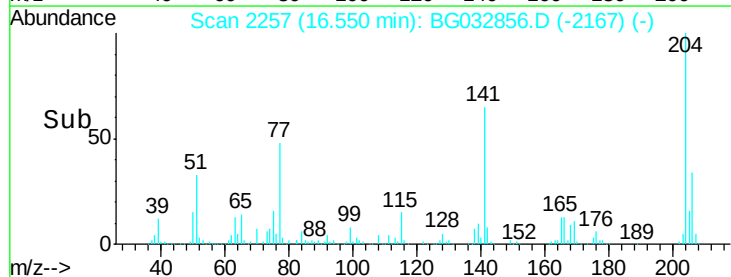
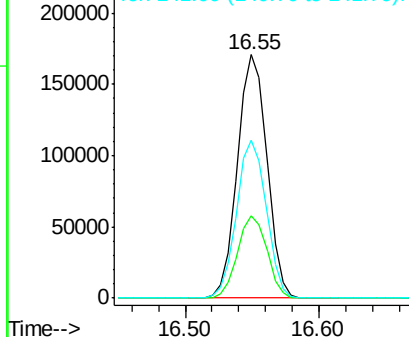


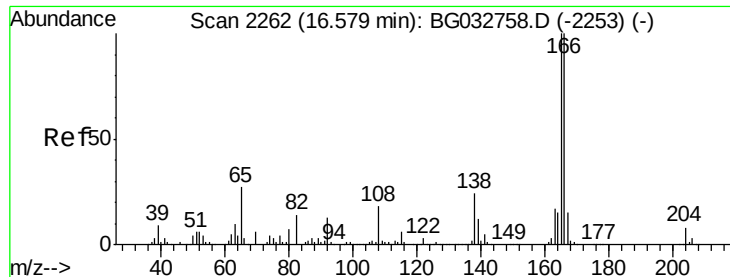
#60
4-Chlorophenyl-phenylether
Concen: 38.66 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:204 Resp: 260960
Ion Ratio Lower Upper
204 100
206 33.9 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

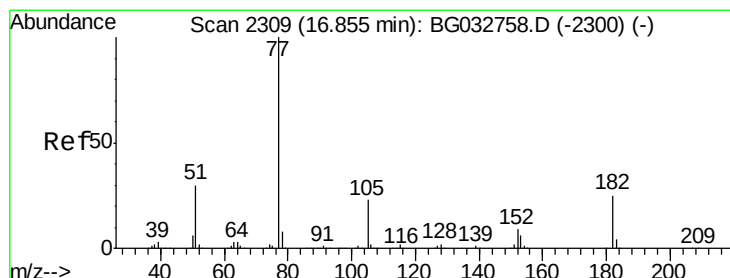
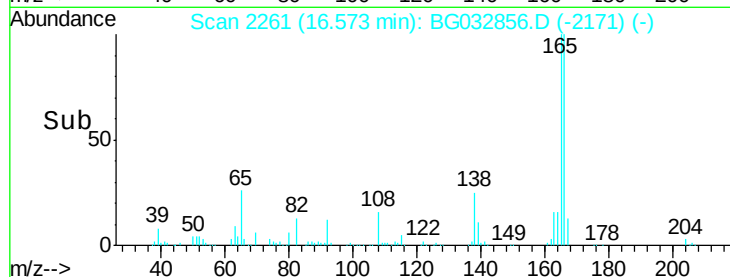
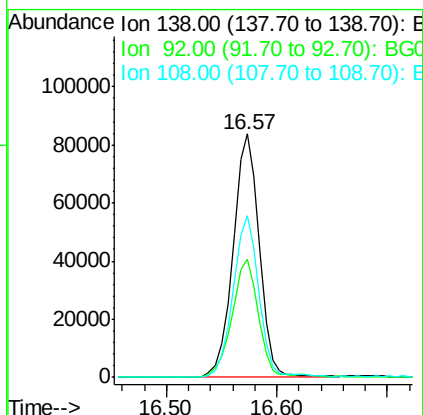
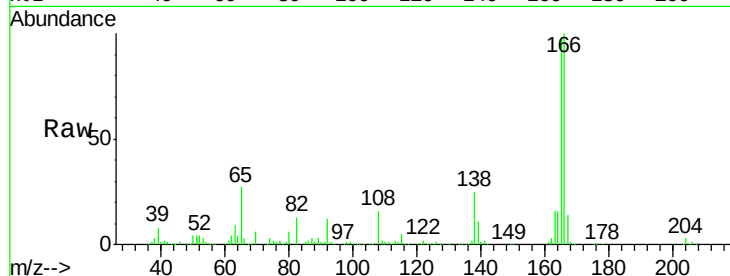




#61
4-Nitroaniline
Concen: 43.48 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

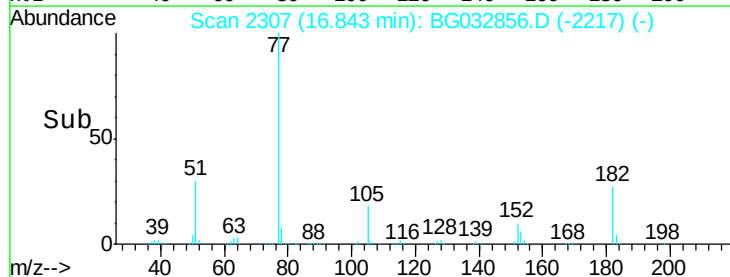
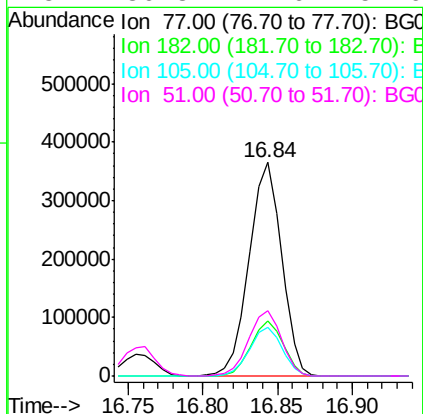
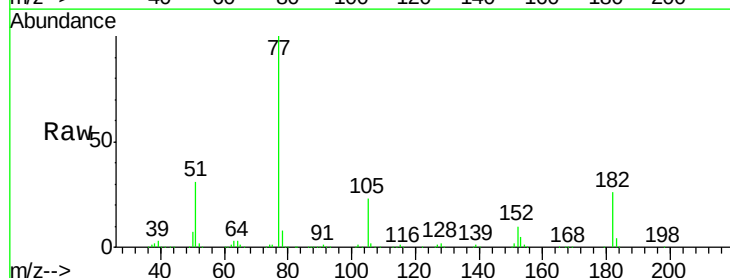
Instrument :
BNA_G
ClientSampled :

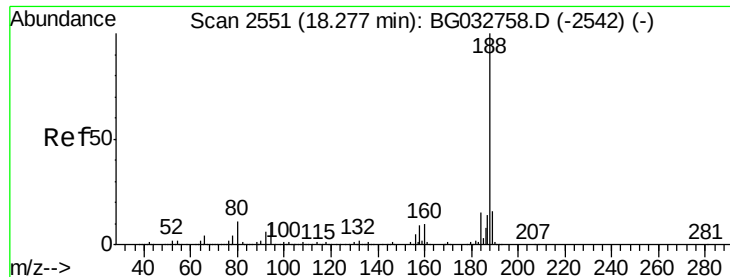
Tot Ion:138 Resp: 139161
Ion Ratio Lower Upper
138 100
92 48.7 40.1 80.1
108 66.2 65.4 105.4



#62
Azobenzene
Concen: 38.95 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion: 77 Resp: 550452
Ion Ratio Lower Upper
77 100
182 25.9 7.4 47.4
105 22.6 0.3 40.3
51 30.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

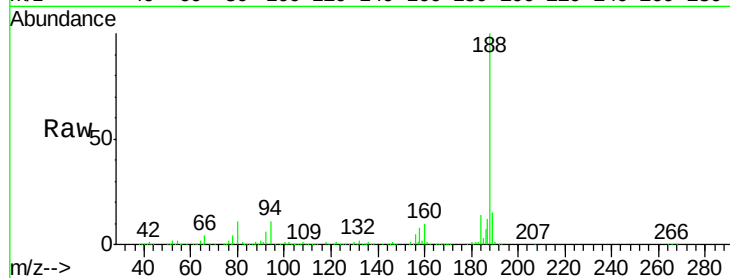
Tot Ion:188 Resp: 396086

Ion Ratio Lower Upper

188 100

94 11.0 6.9 10.3#

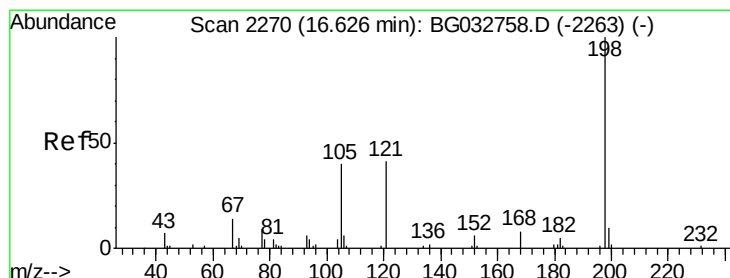
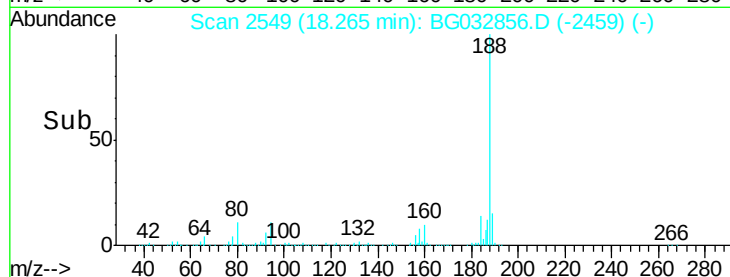
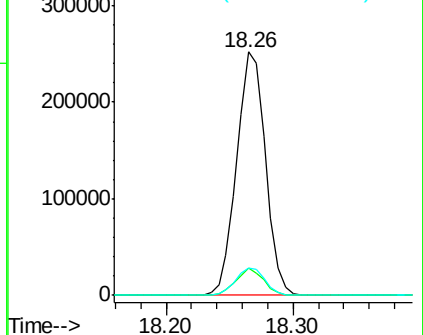
80 11.4 7.7 11.5



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: 43.42 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

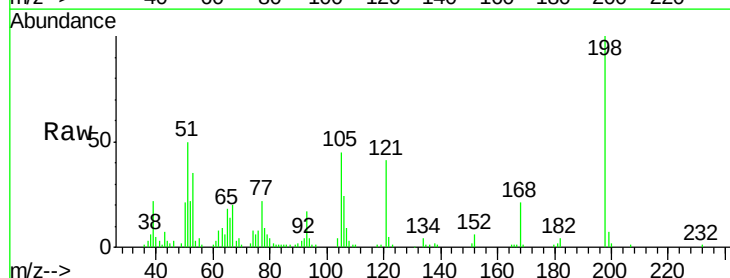
Tgt Ion:198 Resp: 47930

Ion Ratio Lower Upper

198 100

51 49.8 30.6 70.6

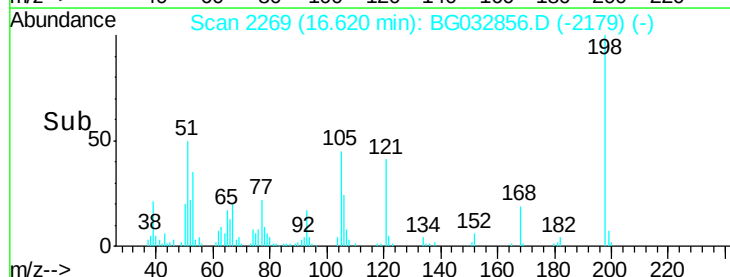
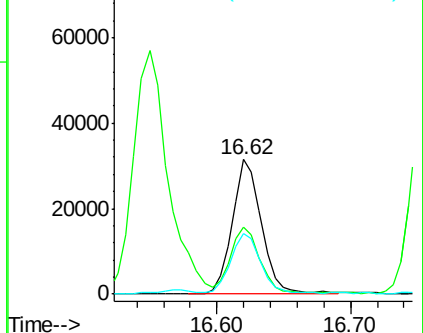
105 45.1 23.8 63.8

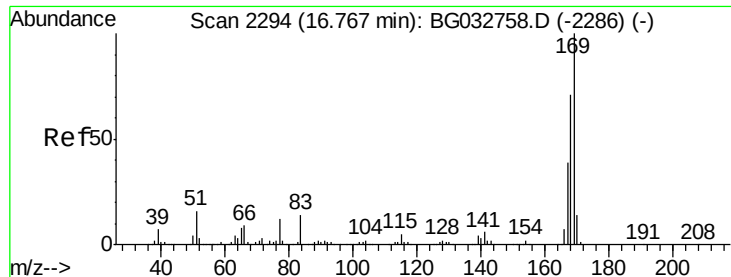


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.72 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

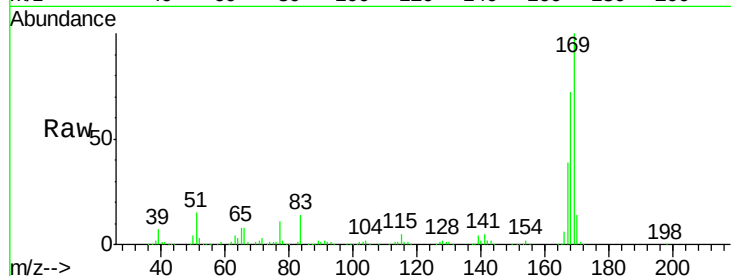
Tot Ion:169 Resp: 498969

Ion Ratio Lower Upper

169 100

168 71.5 55.7 83.5

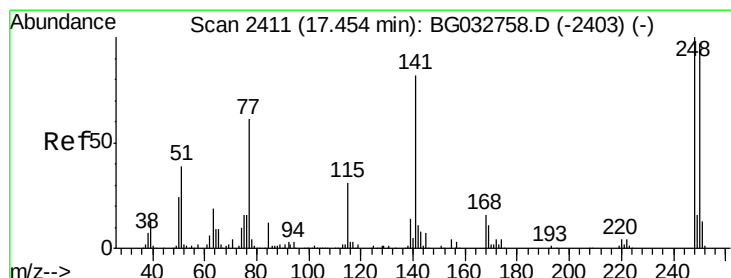
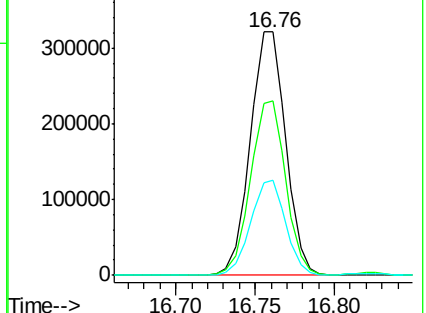
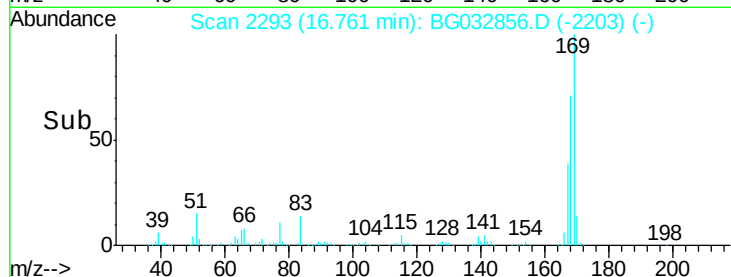
167 39.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.59 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

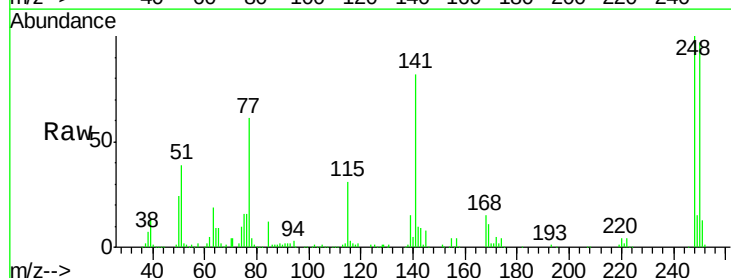
Tgt Ion:248 Resp: 157433

Ion Ratio Lower Upper

248 100

250 97.4 77.1 115.7

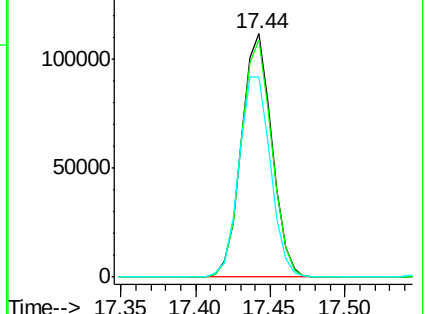
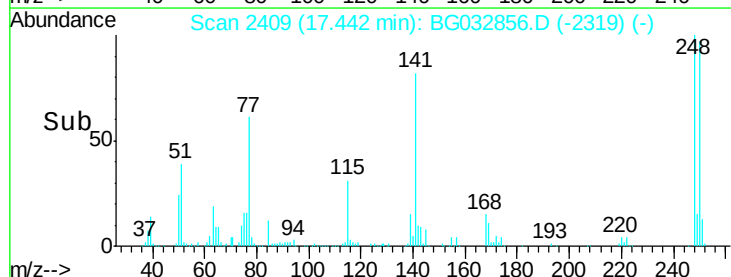
141 82.0 50.8 76.2#

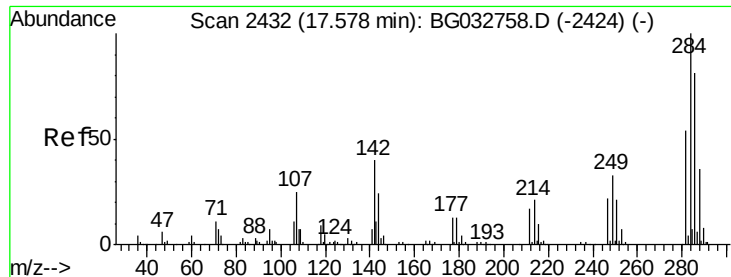


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.47 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

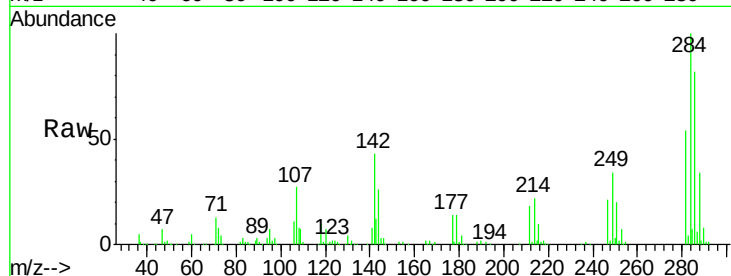
Tot Ion:284 Resp: 165047

Ion Ratio Lower Upper

284 100

142 42.5 26.8 40.2#

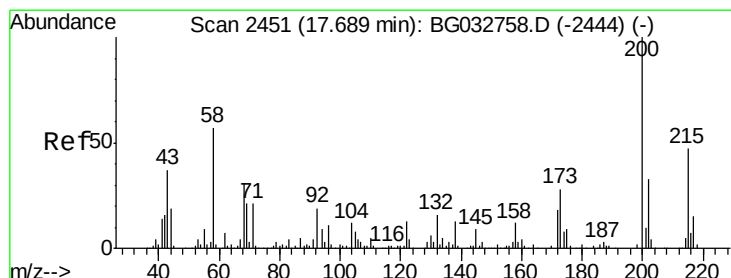
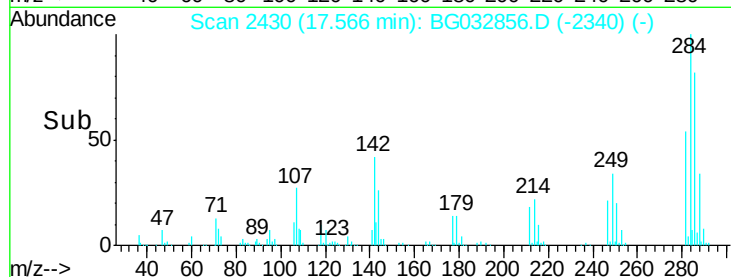
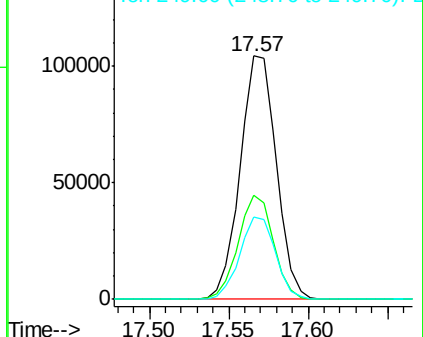
249 33.8 26.3 39.5



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: 40.76 ng

RT: 17.68 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

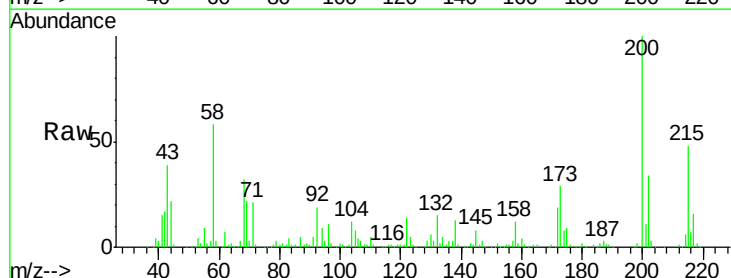
Tgt Ion:200 Resp: 172858

Ion Ratio Lower Upper

200 100

173 29.3 5.2 45.2

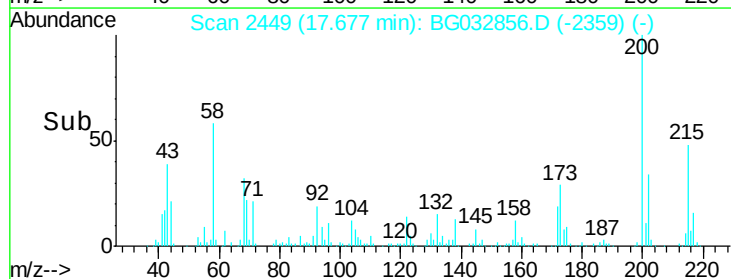
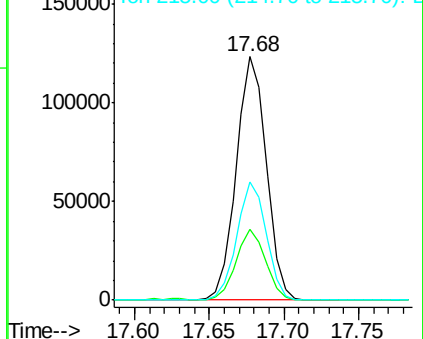
215 48.5 30.4 70.4

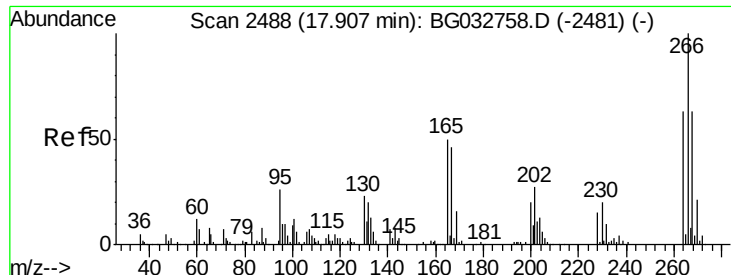


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

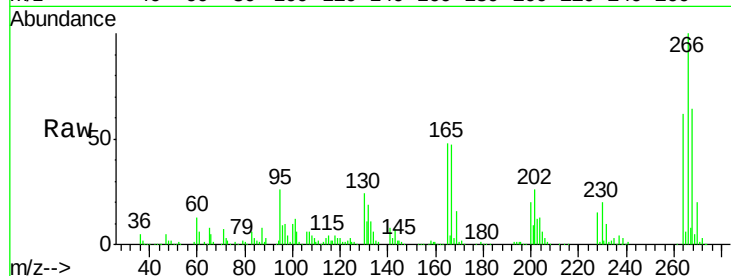




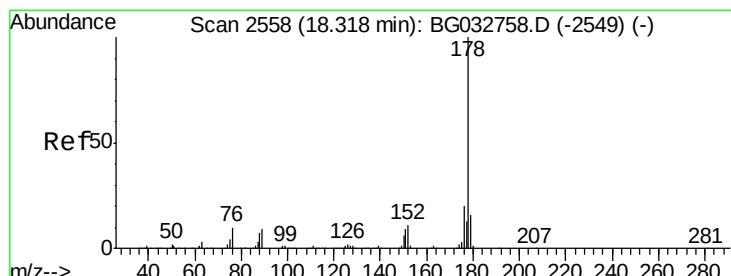
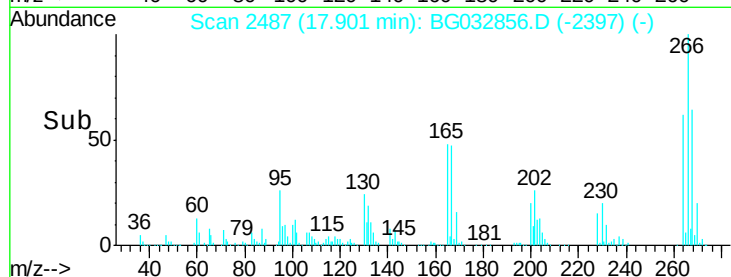
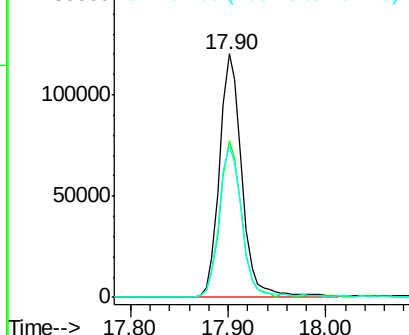
#69
 Pentachlorophenol
 Concen: 67.50 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 192419
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.1 76.7
 264 62.3 49.6 74.4

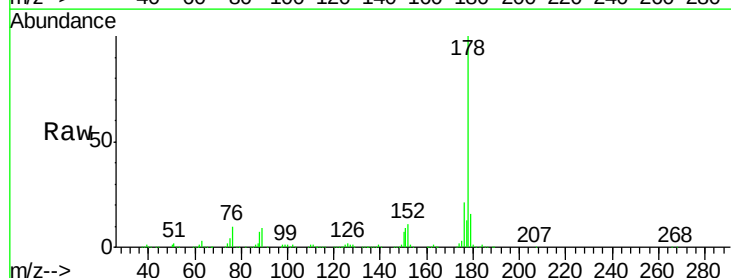


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

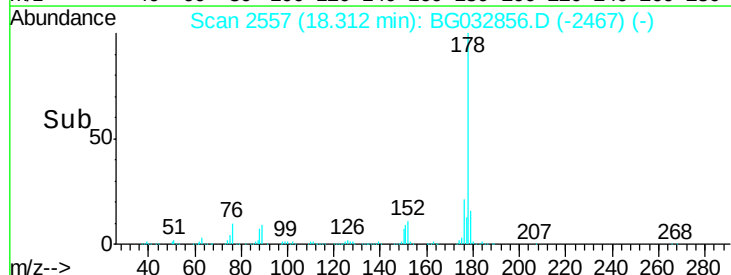
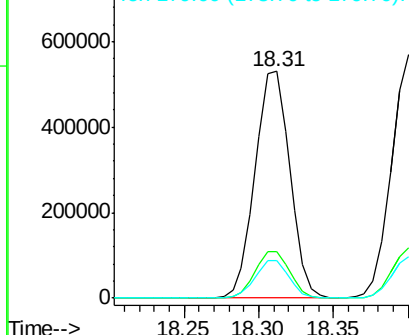


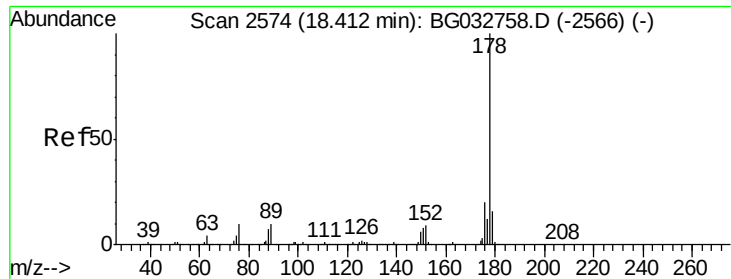
#70
 Phenanthrene
 Concen: 38.71 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion:178 Resp: 855415
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.7 23.5
 179 16.5 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

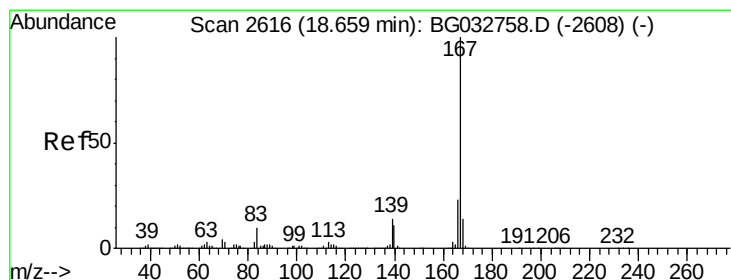
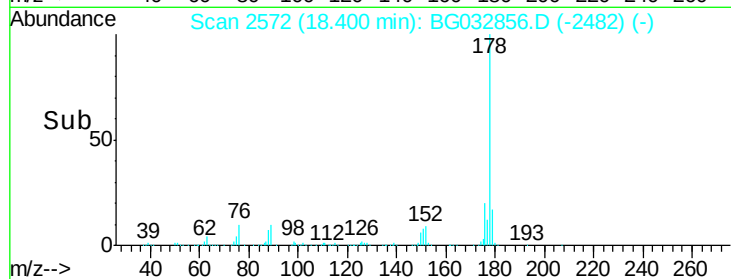
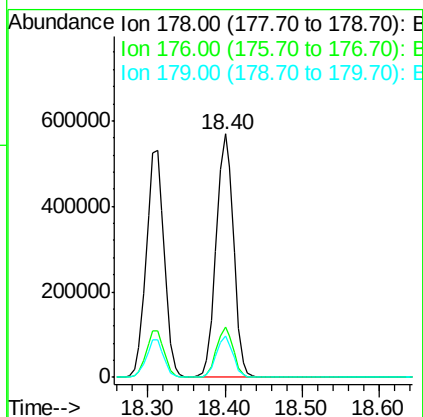
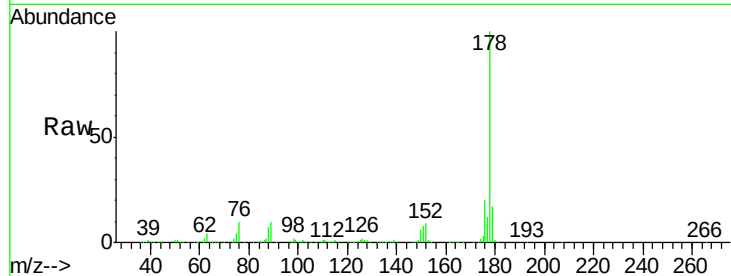




#71
 Anthracene
 Concen: 39.57 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

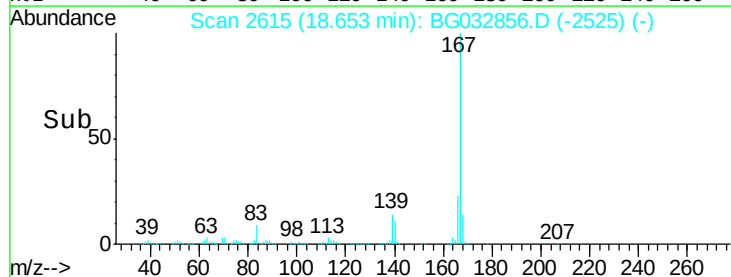
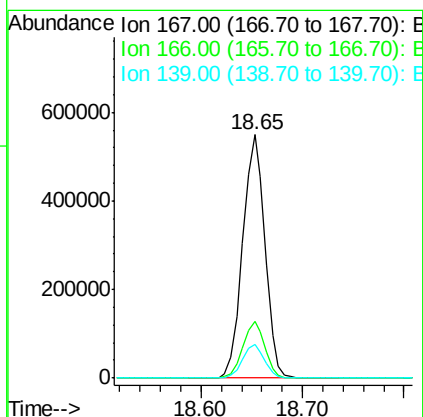
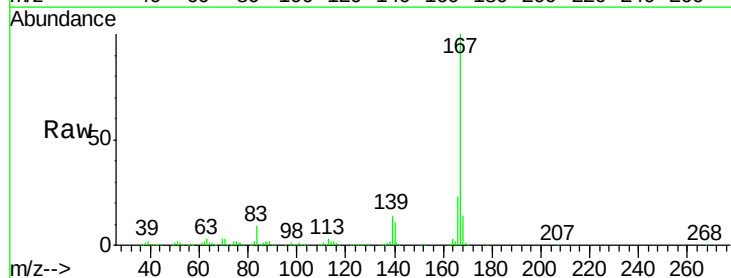
Instrument :
 BNA_G
 ClientSampleId :

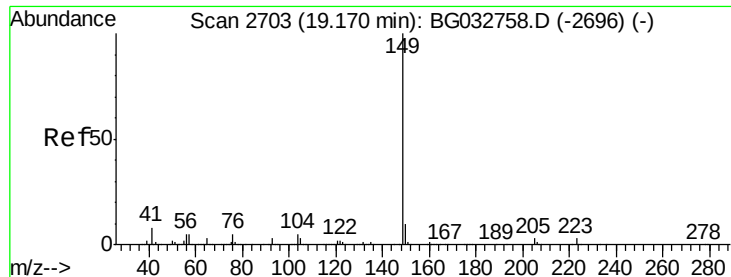
Tot Ion:178 Resp: 877893
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 38.13 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion:167 Resp: 833803
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 13.8 9.4 14.2

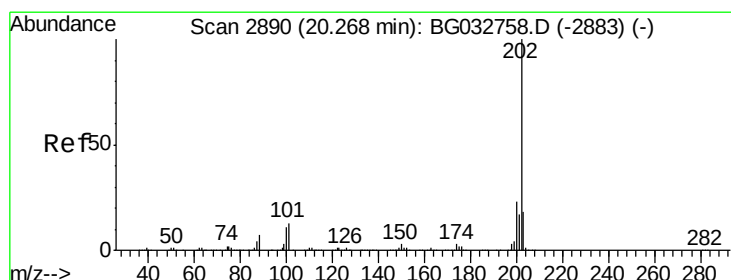
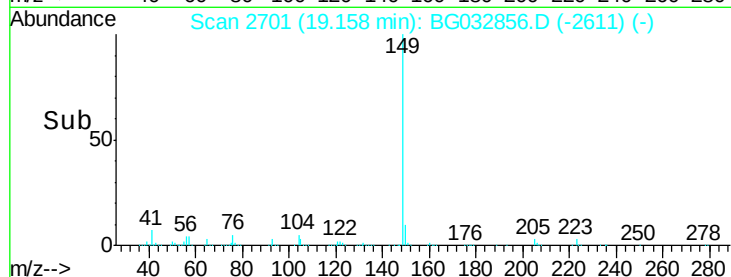
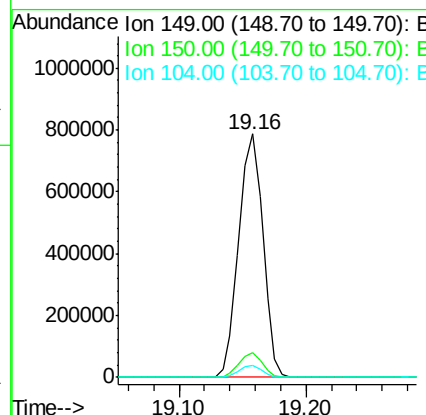
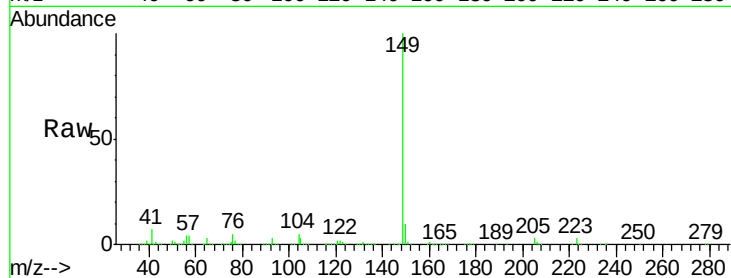




#73
Di-n-butylphthalate
Concen: 38.73 ng
RT: 19.16 min Scan# 2701
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

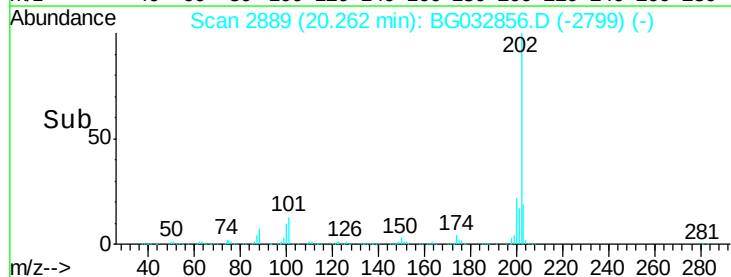
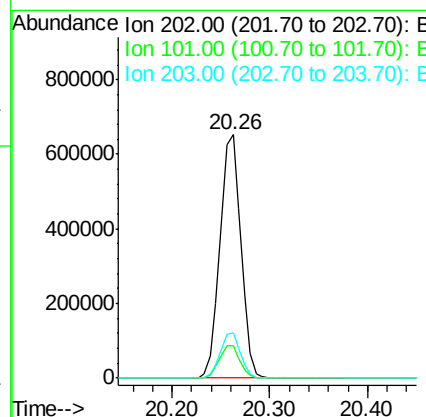
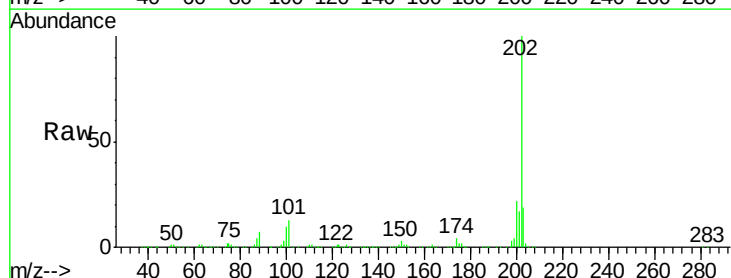
Instrument :
BNA_G
ClientSampleId :

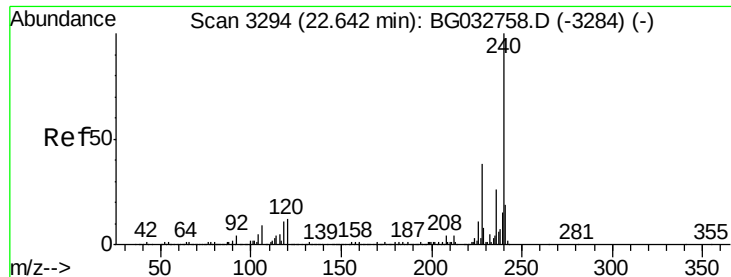
Tot Ion:149 Resp: 1038890
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 39.64 ng
RT: 20.26 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion:202 Resp: 967638
Ion Ratio Lower Upper
202 100
101 13.4 0.0 28.9
203 18.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampled :

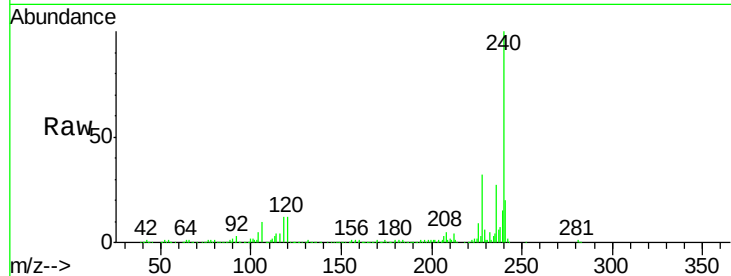
Tot Ion:240 Resp: 372201

Ion Ratio Lower Upper

240 100

120 12.2 6.8 10.2#

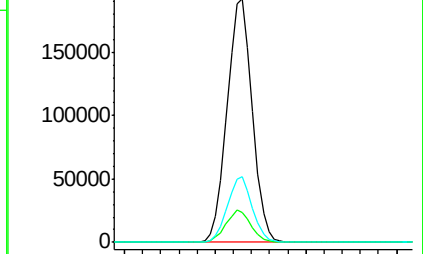
236 26.9 20.9 31.3



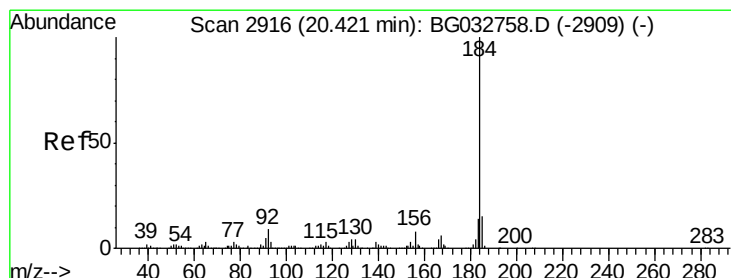
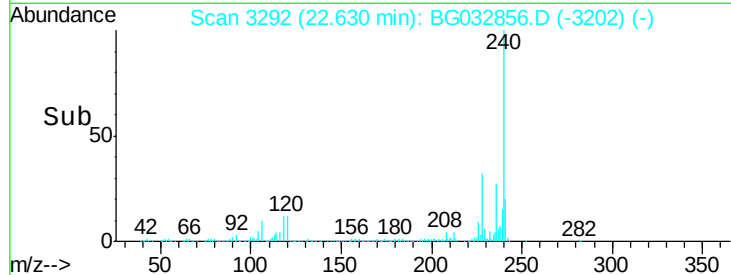
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.50 22.60 22.70



#76

Benzidine

Concen: 20.52 ng

RT: 20.41 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

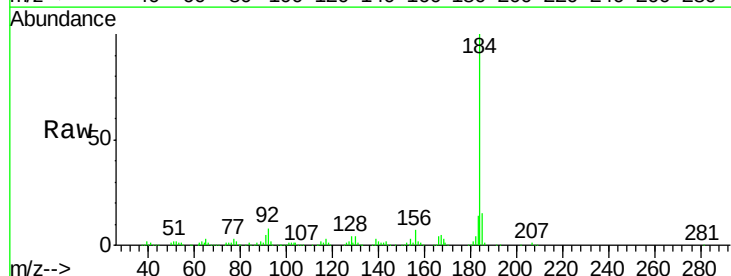
Tgt Ion:184 Resp: 260366

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

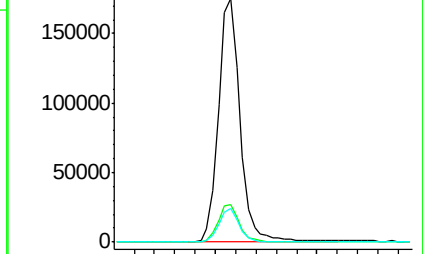
183 13.6 10.6 16.0



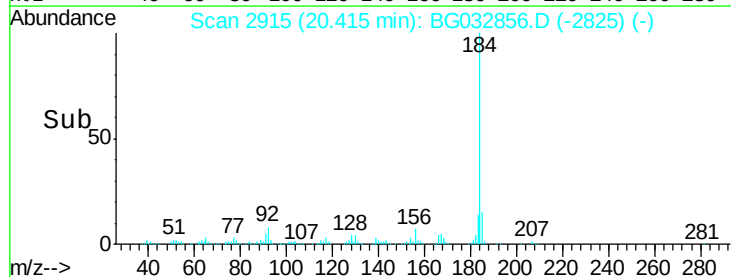
Abundance Ion 184.00 (183.70 to 184.70): E

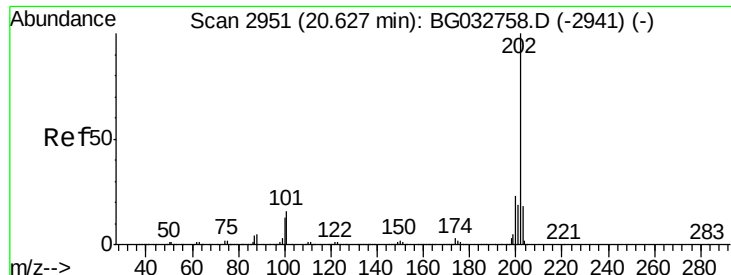
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 20.40 20.50

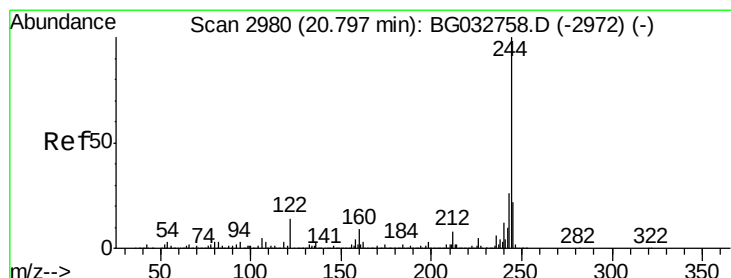
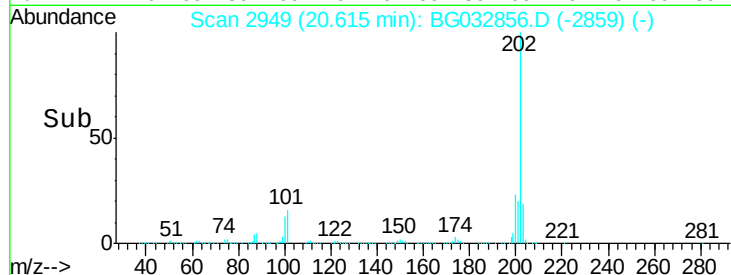
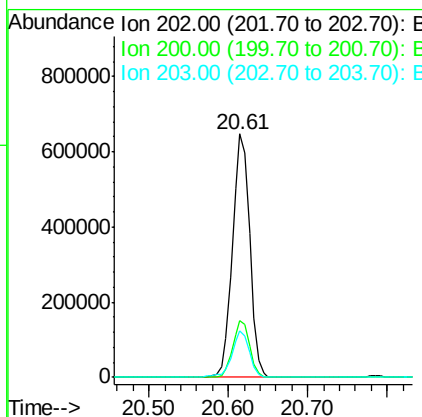
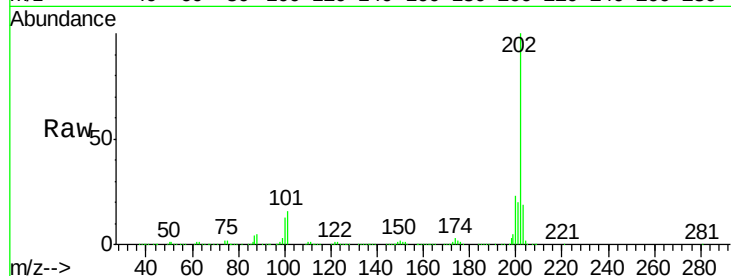




#77
Pvrene
Concen: 37.14 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

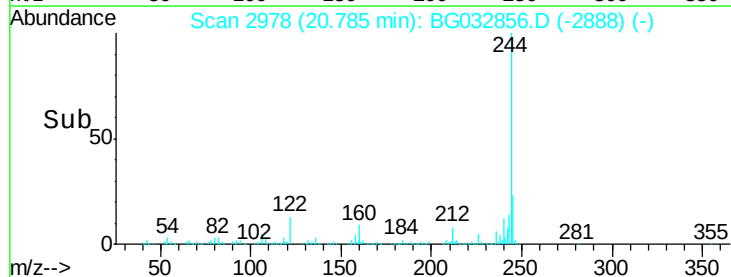
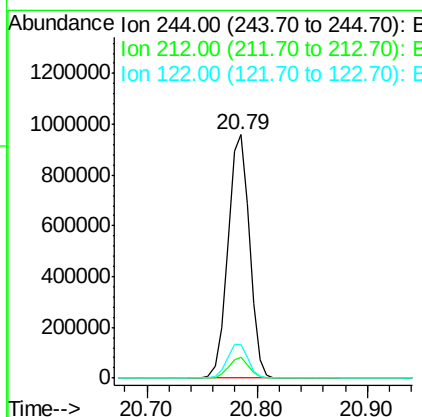
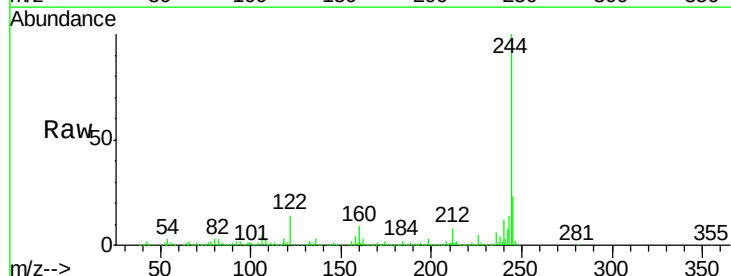
Instrument :
BNA_G
ClientSampleId :

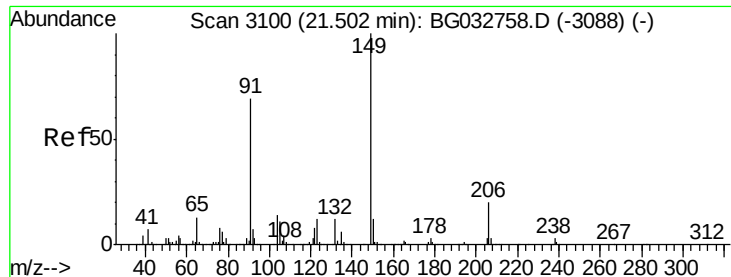
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	19.0	13.9	20.9



#78
Terphenyl-d14
Concen: 79.28 ng
RT: 20.79 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	13.8	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 41.65 ng

RT: 21.48 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampled :

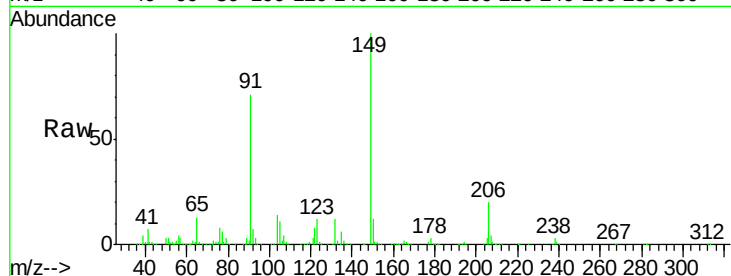
Tot Ion:149 Resp: 484658

Ion Ratio Lower Upper

149 100

91 71.0 62.2 93.2

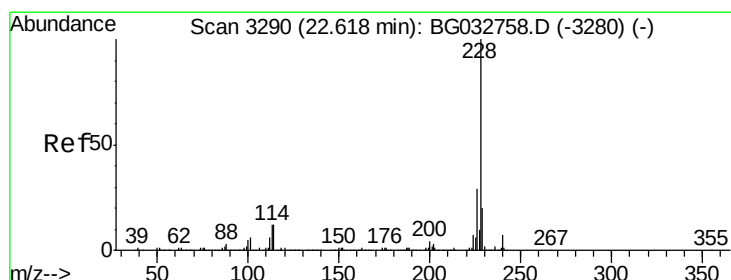
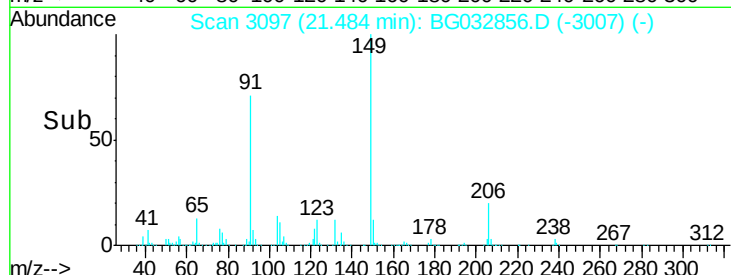
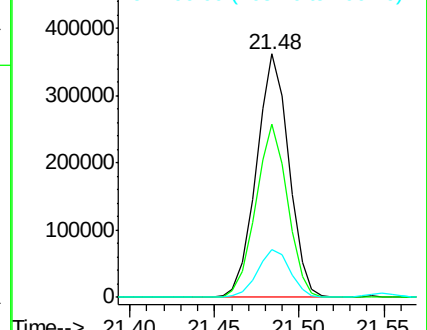
206 19.7 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.95 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

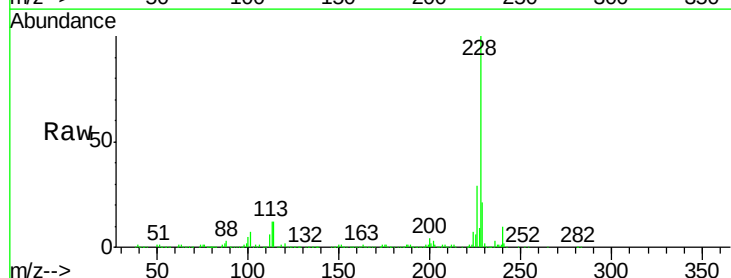
Tgt Ion:228 Resp: 929522

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

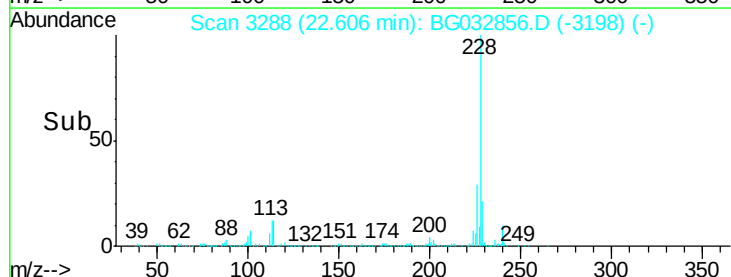
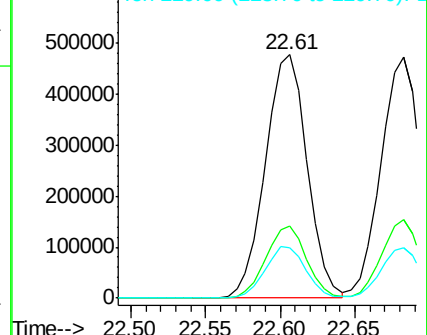
229 20.5 16.2 24.2

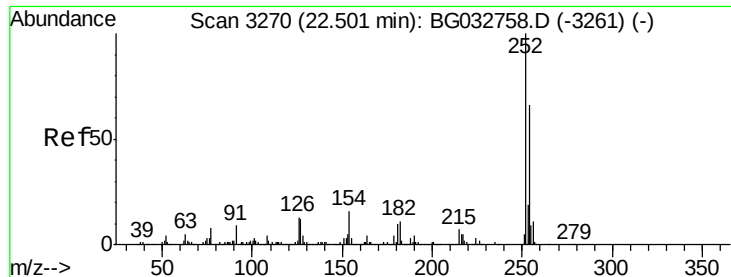


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

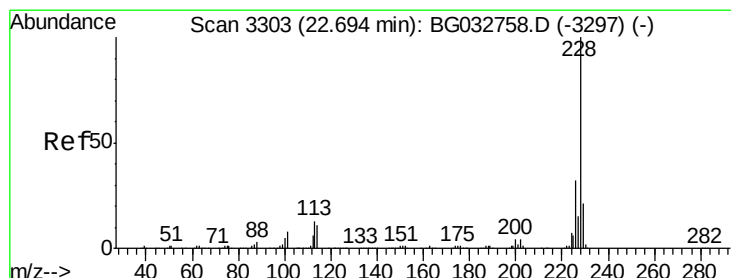
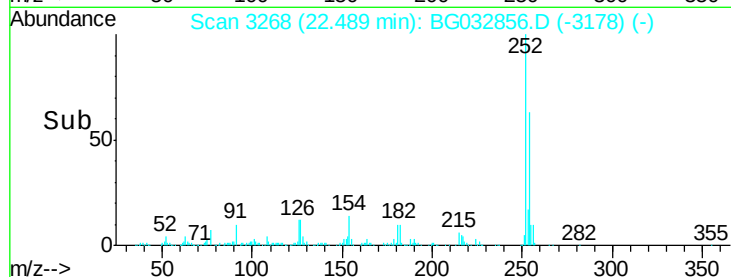
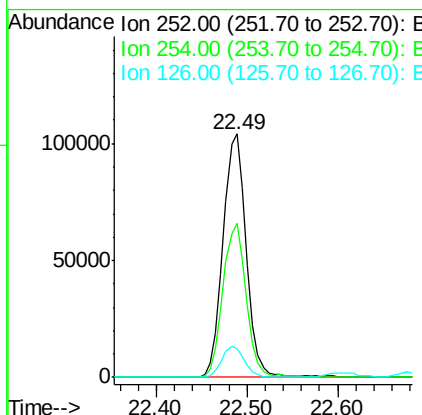
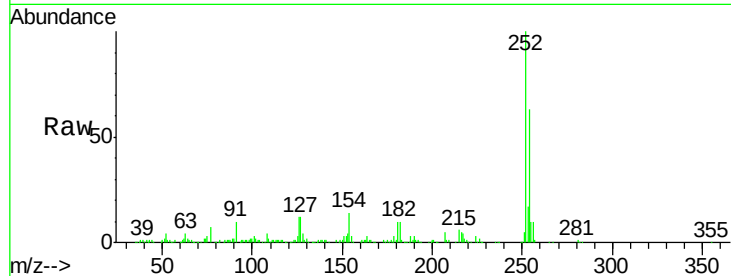




#81
 3,3'-Dichlorobenzidine
 Concen: 20.98 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

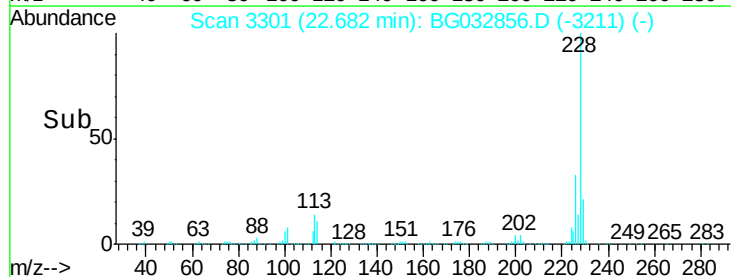
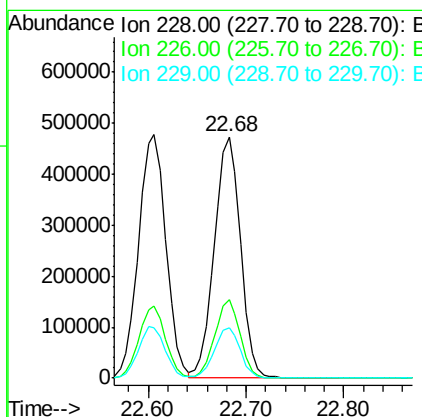
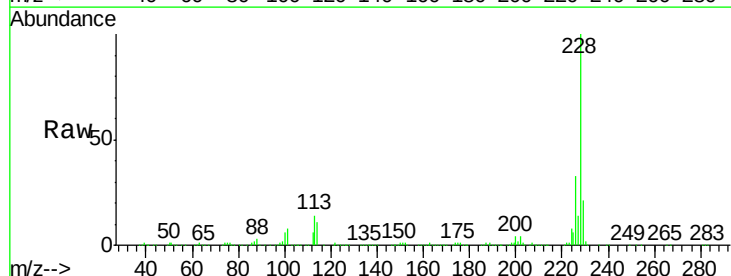
Instrument :
 BNA_G
 ClientSampled :

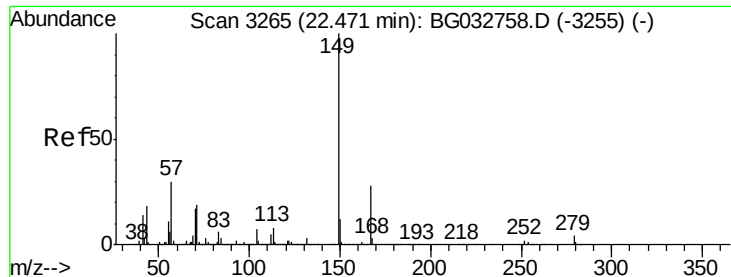
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.8	76.2
126	11.9	7.4	11.2#



#82
 Chrysene
 Concen: 38.37 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG032856.D
 Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.16 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

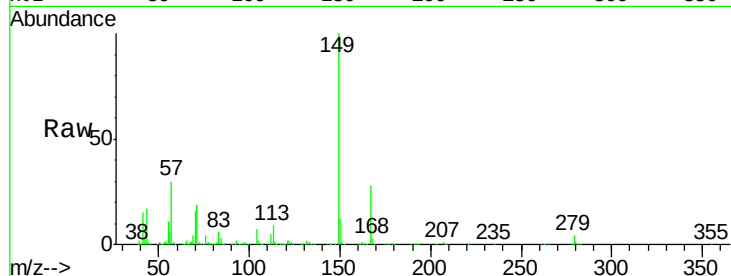
Tot Ion:149 Resp: 691728

Ion Ratio Lower Upper

149 100

167 28.2 24.3 36.5

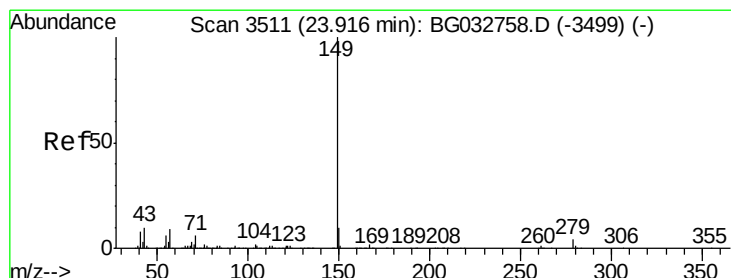
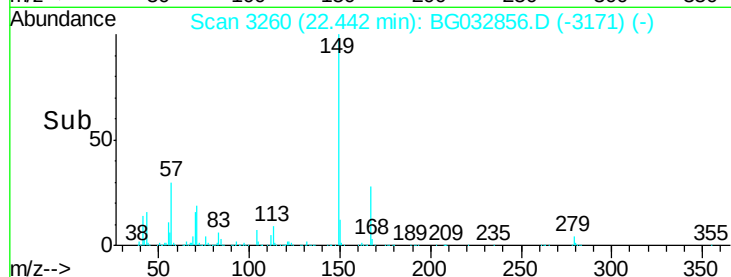
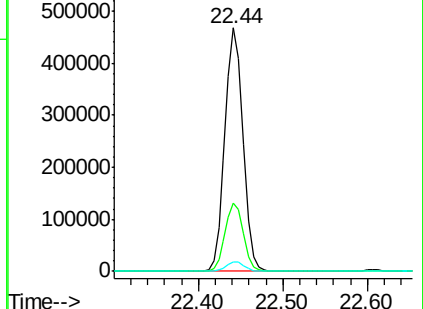
279 3.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.77 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

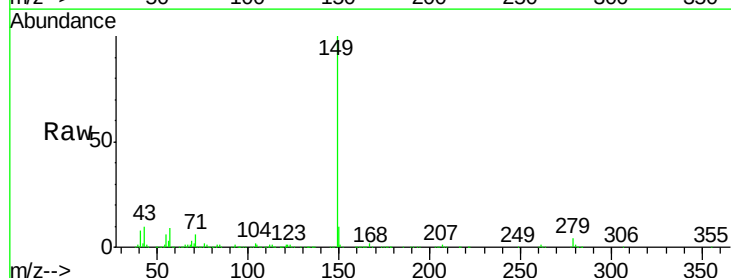
Tgt Ion:149 Resp: 1201747

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

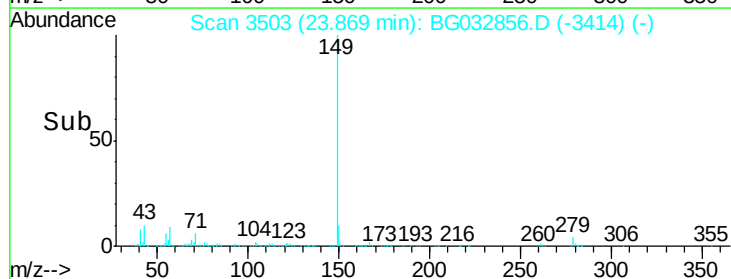
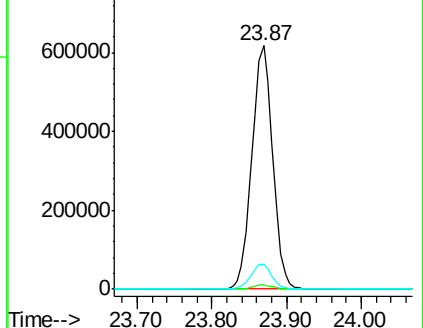
43 10.0 8.9 13.3

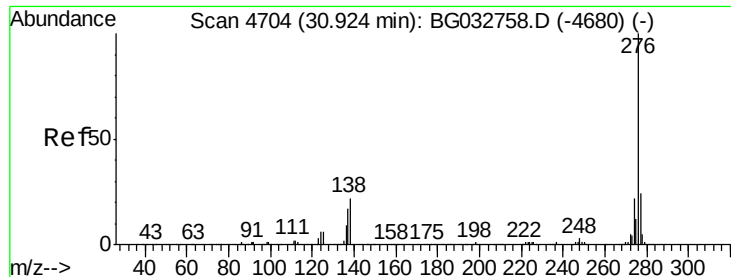


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.14 ng

RT: 30.87 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :

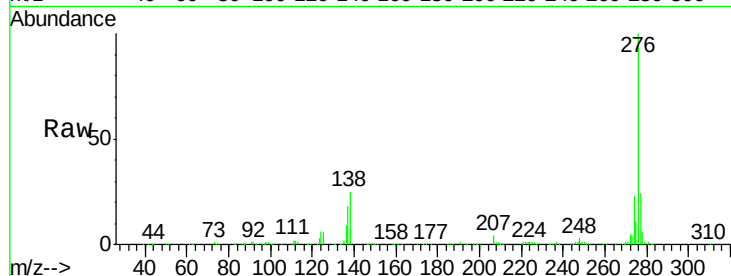
Tot Ion:276 Resp: 1067258

Ion Ratio Lower Upper

276 100

138 21.4 16.0 24.0

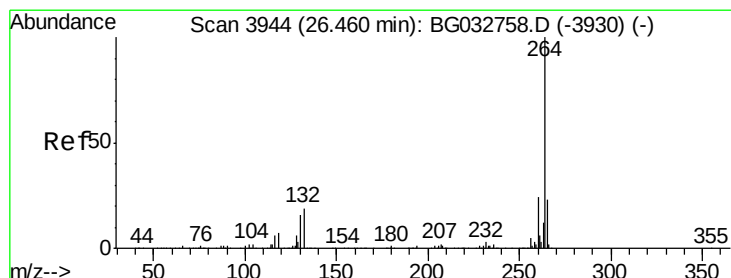
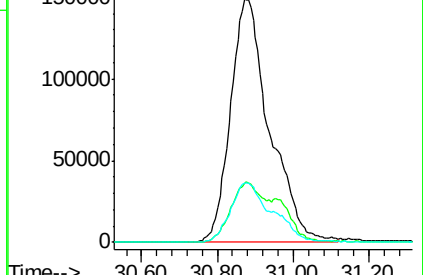
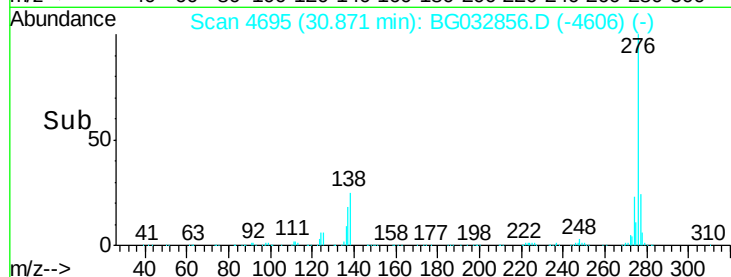
277 26.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.44 min Scan# 3941

Delta R.T. 0.00 min

Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

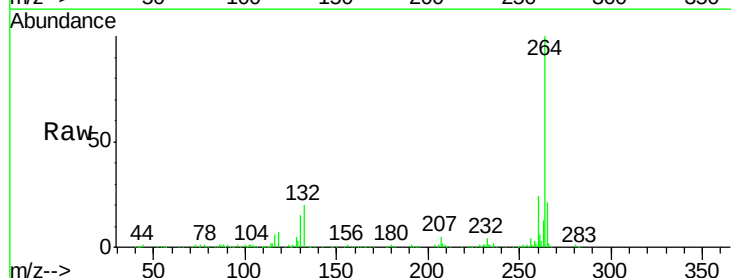
Tgt Ion:264 Resp: 406290

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

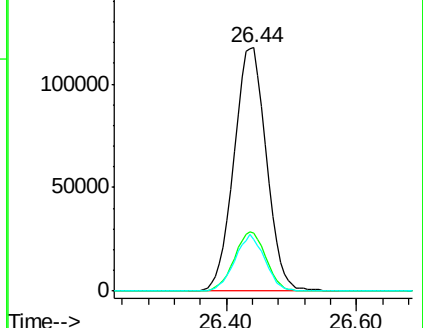
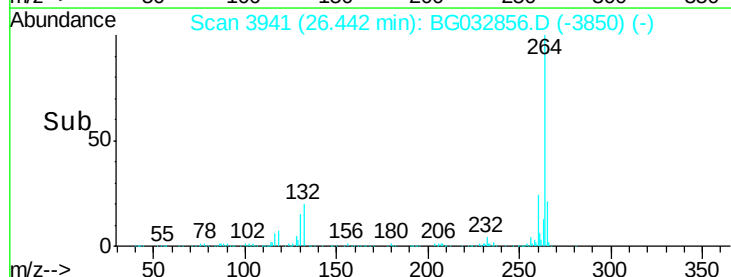
265 21.1 17.7 26.5

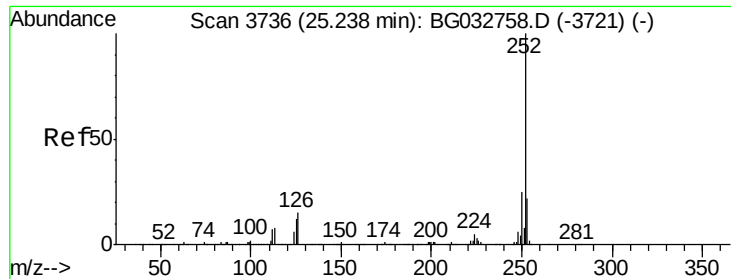


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

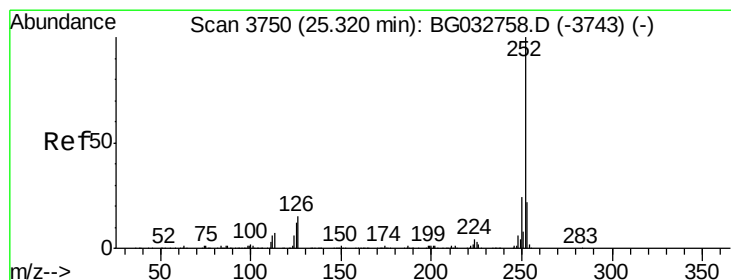
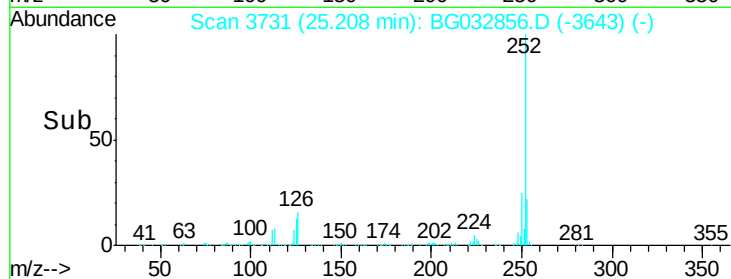
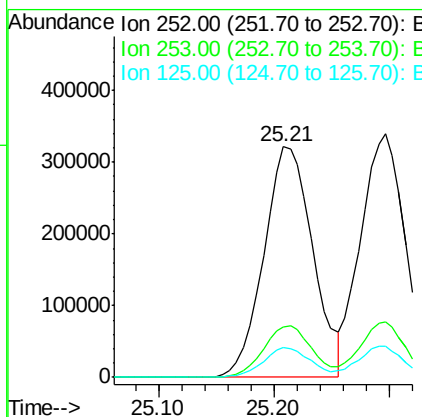
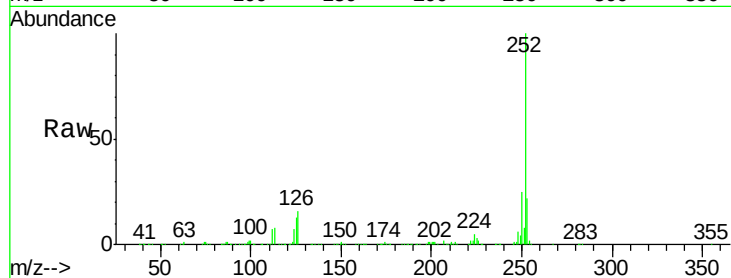




#87
Benzo(b)fluoranthene
Concen: 39.54 ng
RT: 25.21 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

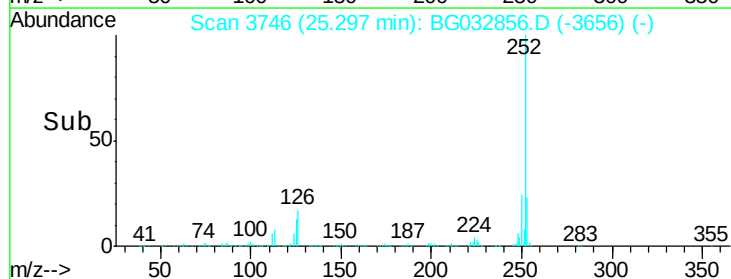
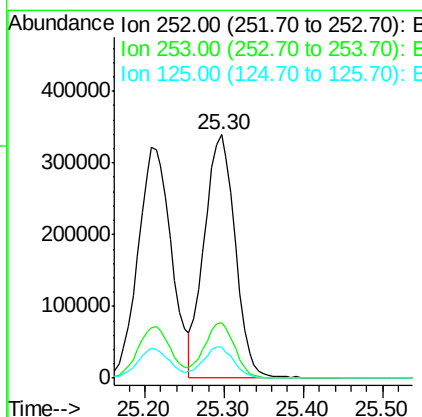
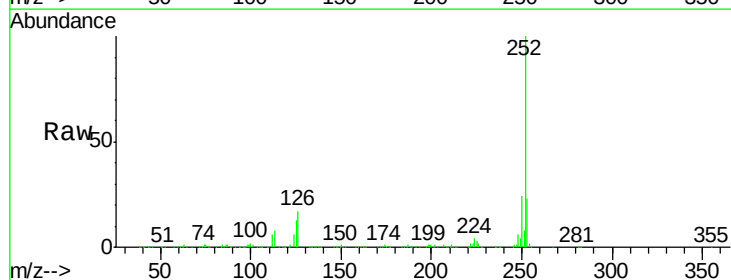
Instrument :
BNA_G
ClientSampleId :

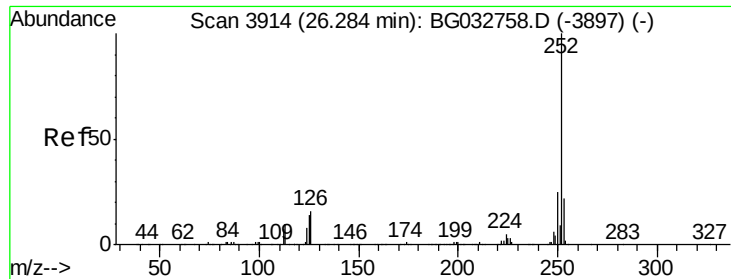
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.8	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 38.21 ng
RT: 25.30 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	12.6	6.6	9.8

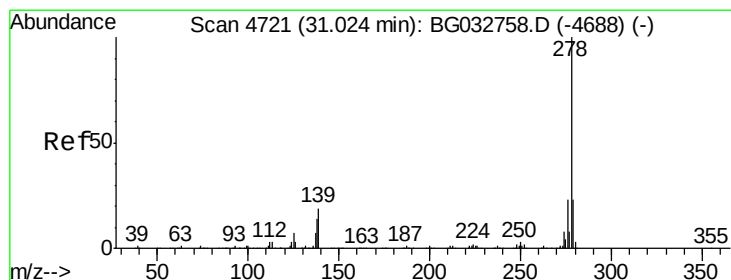
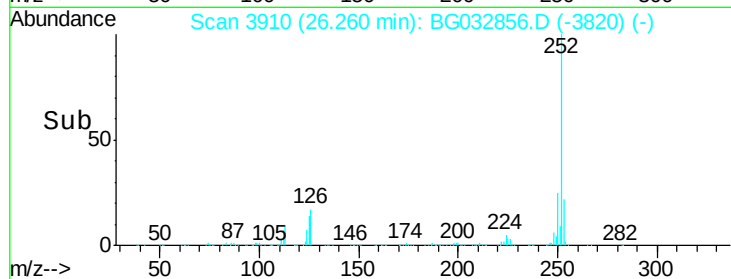
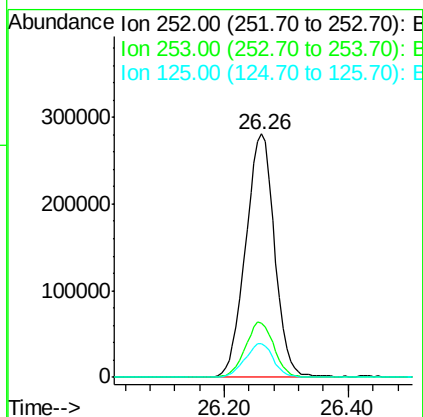
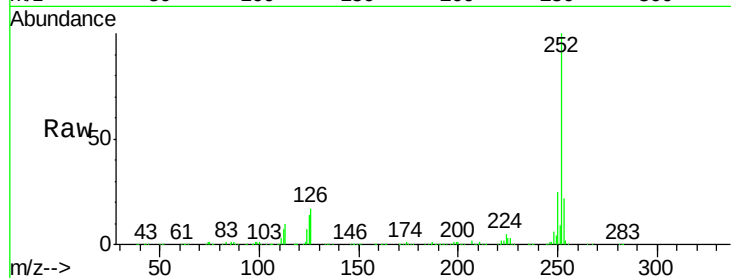




#89
Benzo(a)pyrene
Concen: 39.98 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

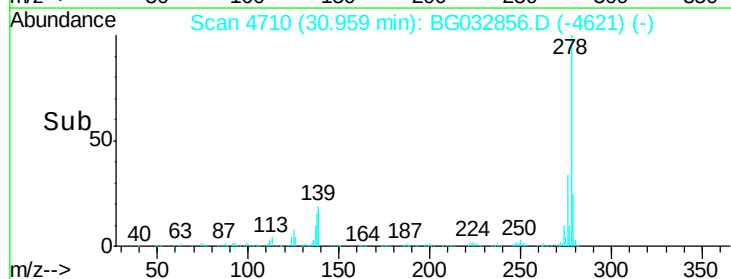
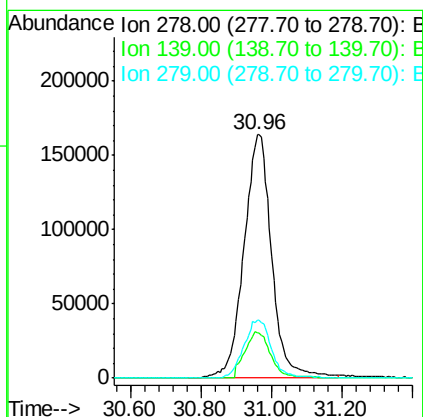
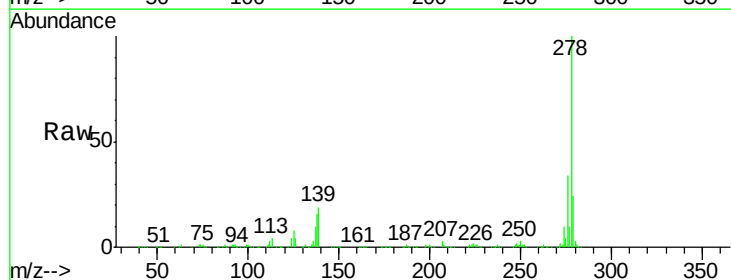
Instrument :
BNA_G
ClientSampleId :

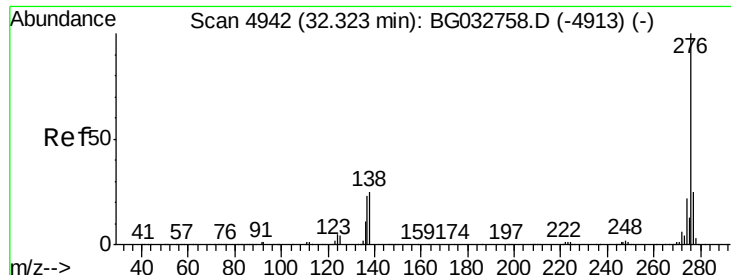
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	14.1	7.3	10.9#



#90
Dibenzo(a,h)anthracene
Concen: 38.96 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032856.D
Acq: 27 Feb 2018 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	9.8	14.6#
279	24.1	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 39.34 ng

RT: 32.27 min Scan# 4933

Delta R.T. -0.01 min

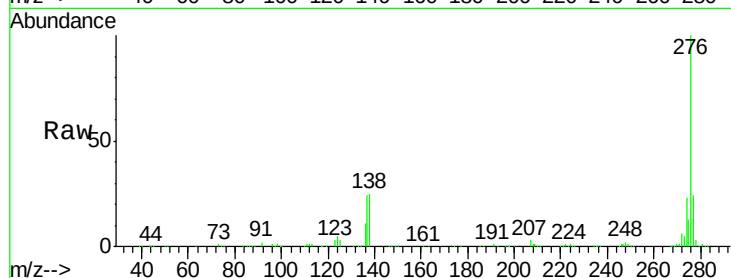
Lab File: BG032856.D

Acq: 27 Feb 2018 16:02

Instrument :

BNA_G

ClientSampleId :



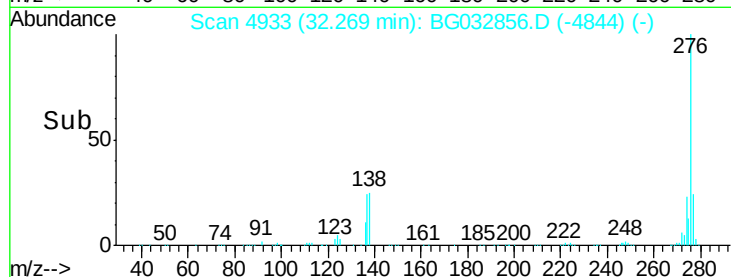
Tot Ion: 276 Resp: 891799

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 24.9 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

