

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032580.D
 Acq On : 7 Feb 2018 2:26
 Operator : SJ/JU
 Sample : J1458-01
 Misc : MDL-W-8 ppm
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 04:14:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21108	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	83037	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	61948	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	172576	20.00	ng	0.00
75) Chrysene-d12	22.40	240	224271	20.00	ng	0.00
86) Perylene-d12	26.07	264	247508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	103610	98.59	ng	0.00
7) Phenol-d6	7.83	99	151498	108.03	ng	0.00
23) Nitrobenzene-d5	9.90	82	92013	69.21	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	143148	121.40	ng	0.00
44) 2-Fluorobiphenyl	13.96	172	327735	62.88	ng	0.00
78) Terphenyl-d14	20.61	244	703315	67.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.02	88	55	0.156	ng	# 1
3) Pyridine	4.35	79	61	0.064	ng	# 15
4) n-Nitrosodimethylamine	3.75	42	65	0.131	ng	# 1
6) Aniline	8.23	93	54	0.031	ng	# 1
9) Benzaldehyde	7.81	77	73	0.101	ng	# 5
10) Phenol	7.85	94	3299	2.477	ng	# 27
11) bis(2-Chloroethyl)ether	8.23	93	54	0.053	ng	# 1
15) Benzyl Alcohol	9.04	79	1647	1.425	ng	# 28
19) n-Nitroso-di-n-propylamine	9.90	70	13647	14.677	ng	# 71
24) Nitrobenzene	9.90	77	272	0.212	ng	# 42
25) Isophorone	10.12	82	627	0.277	ng	# 69
26) 2-Nitrophenol	10.92	139	54	0.069	ng	# 29
28) bis(2-Chloroethoxy)methane	10.94	93	55	0.044	ng	# 51
34) Hexachlorobutadiene	11.84	225	58	0.038	ng	# 20
39) 1,2,4,5-Tetrachlorobenzene	13.45	216	61	0.021	ng	# 25
45) 1,1'-Biphenyl	14.19	154	581	0.111	ng	# 43
47) 2-Nitroaniline	14.76	65	120	0.132	ng	# 1
49) Dimethylphthalate	14.77	163	30479	5.336	ng	# 98
50) 2,6-Dinitrotoluene	14.76	165	239	0.199	ng	# 57
51) Acenaphthene	15.34	154	147	0.034	ng	# 5
55) 4-Nitrophenol	15.26	139	65	0.083	ng	# 1
56) 2,4-Dinitrotoluene	15.35	165	7591	4.447	ng	# 16
57) Fluorene	16.81	166	3063	0.579	ng	# 46
59) Diethylphthalate	16.10	149	652	0.117	ng	# 58
61) 4-Nitroaniline	16.73	138	63	0.056	ng	# 12
62) Azobenzene	16.82	77	304	0.091	ng	# 29
64) 4,6-Dinitro-2-methylphenol	16.82	198	318	0.247	ng	# 43
65) n-Nitrosodiphenylamine	16.81	169	4050	0.786	ng	# 51
66) 4-Bromophenyl-phenylether	16.81	248	11043	4.319	ng	# 1
70) Phenanthrene	18.11	178	152	0.016	ng	# 60
71) Anthracene	18.14	178	72	0.008	ng	# 59
73) Di-n-butylphthalate	18.98	149	823	0.088	ng	# 78
74) Fluoranthene	20.08	202	184	0.015	ng	# 65
76) Benzidine	20.61	184	9681	2.198	ng	# 90

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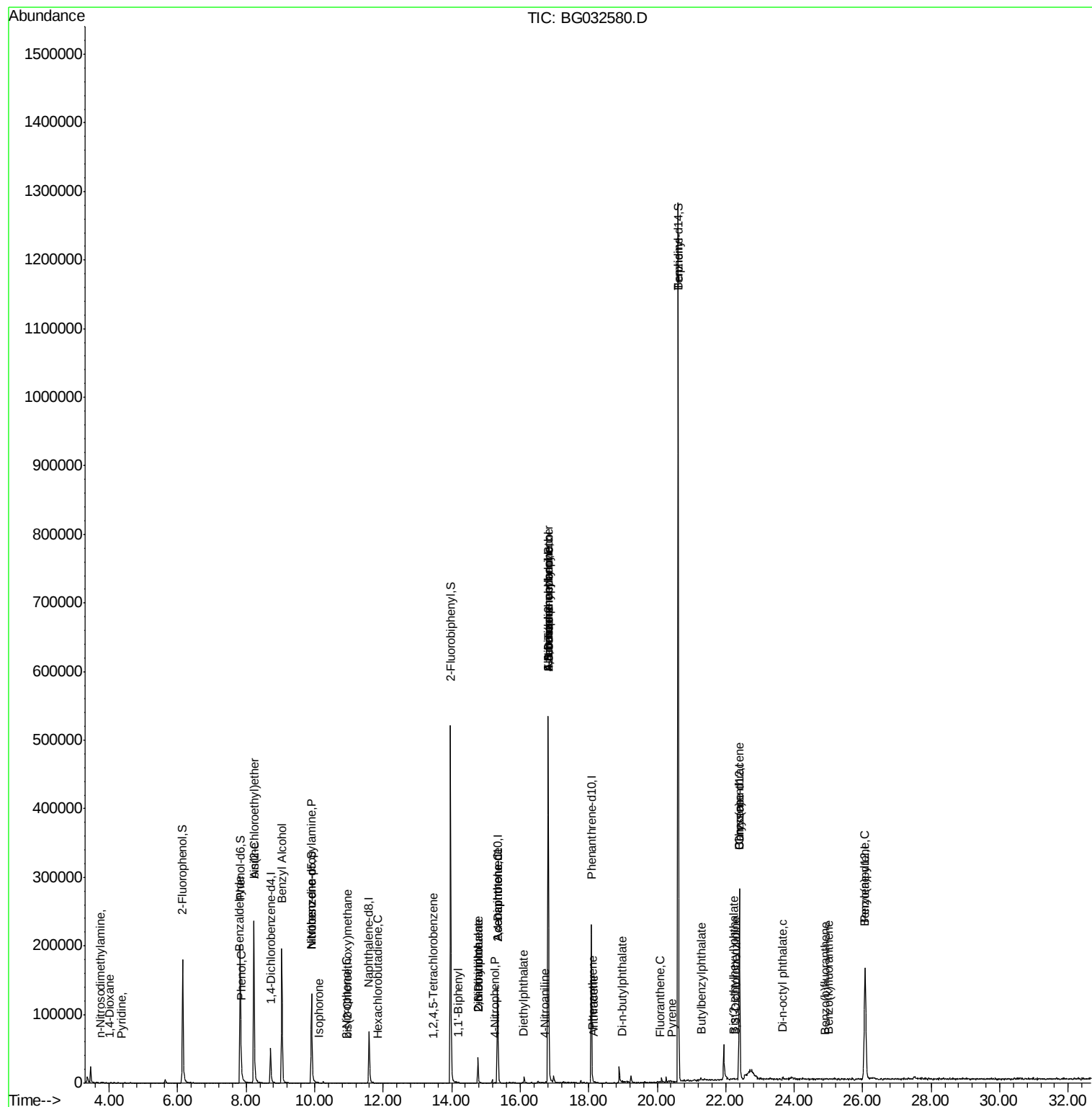
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	20.45	202	334	0.024	ng	# 57
79) Butylbenzylphthalate	21.30	149	143	0.033	ng	# 85
80) Benzo(a)anthracene	22.39	228	378	0.027	ng	# 50
81) 3,3'-Dichlorobenzidine	22.27	252	56	0.010	ng	# 26
82) Chrysene	22.39	228	378	0.028	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.22	149	797	0.130	ng	# 50
84) Di-n-octyl phthalate	23.67	149	708	0.073	ng	# 79
87) Benzo(b)fluoranthene	24.91	252	176	0.012	ng	# 59
88) Benzo(k)fluoranthene	25.01	252	59	0.004	ng	# 60
89) Benzo(a)pyrene	26.06	252	371	0.026	ng	# 59

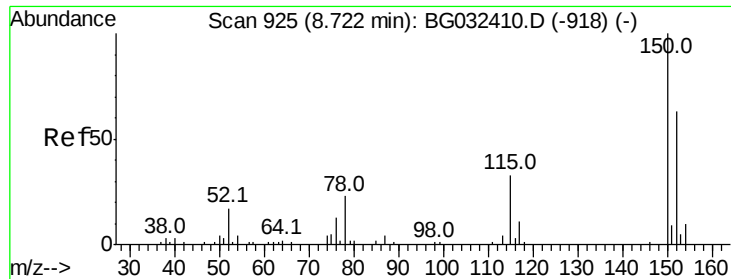
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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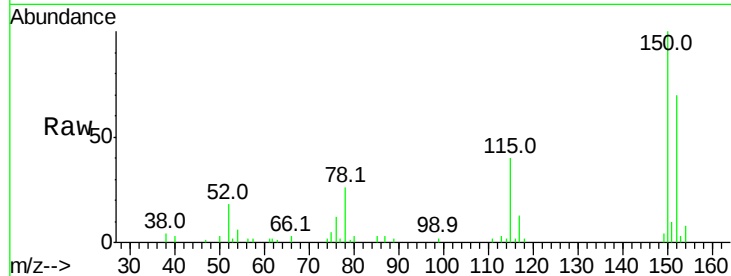


#1

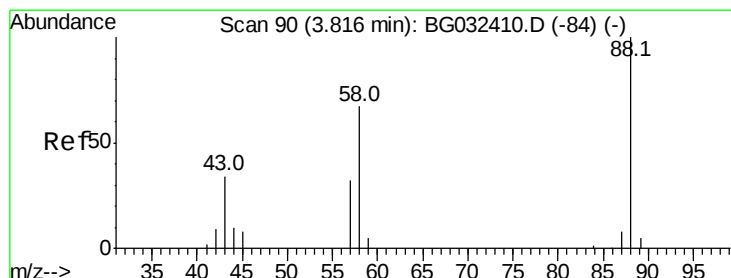
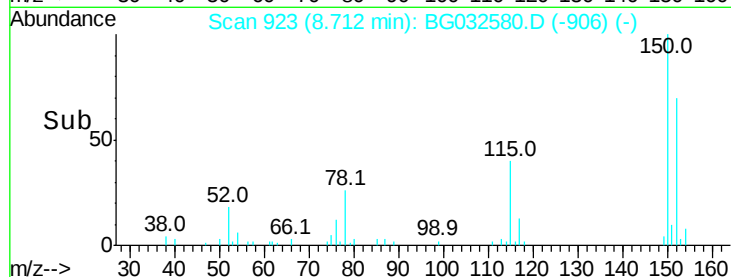
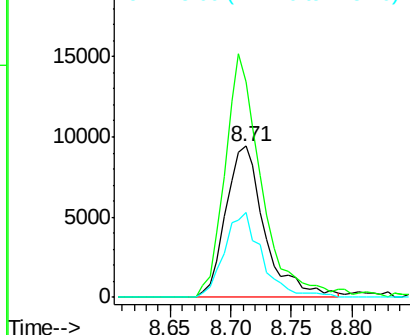
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 21108
Ion Ratio Lower Upper
152 100
150 142.4 126.6 189.8
115 56.4 53.0 79.4



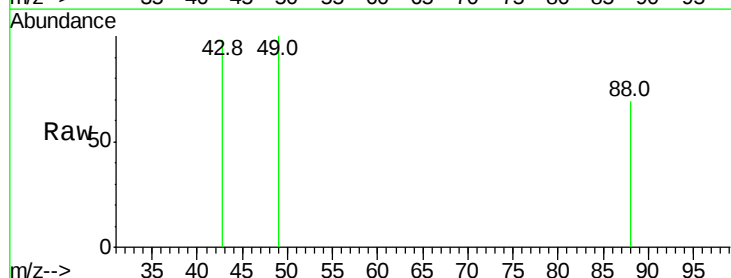
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



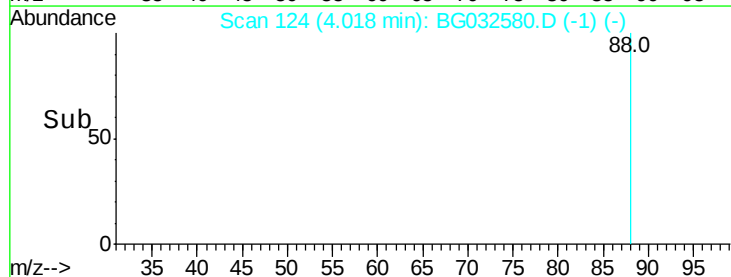
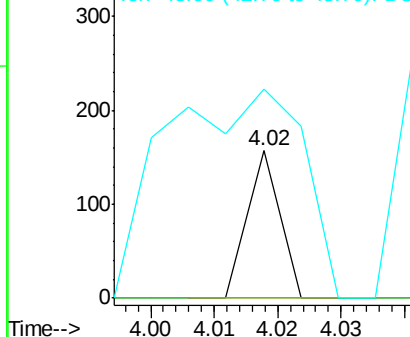
#2

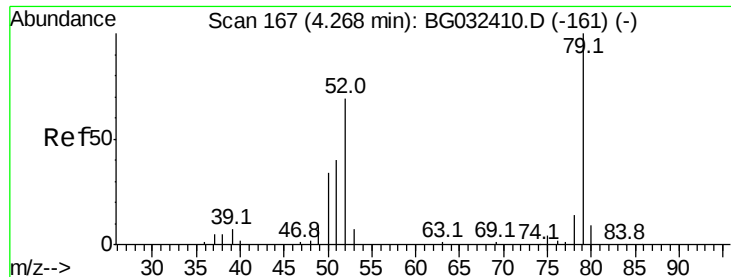
1,4-Dioxane
Concen: 0.156 ng
RT: 4.02 min Scan# 124
Delta R.T. 0.21 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 0.0 79.6 119.4#
43 710.9 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: 0.064 ng

RT: 4.35 min Scan# 181

Delta R.T. 0.09 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

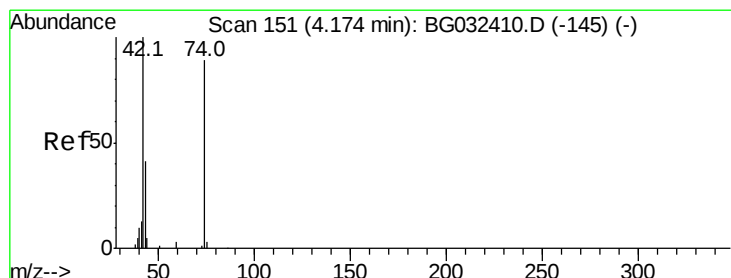
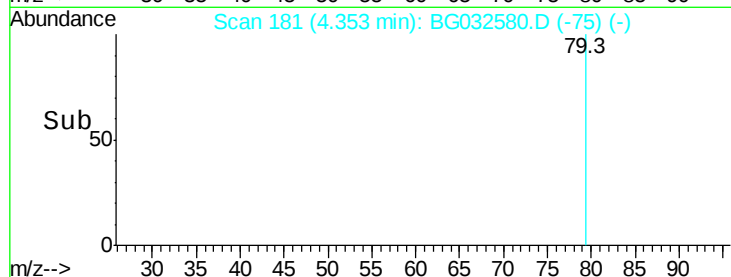
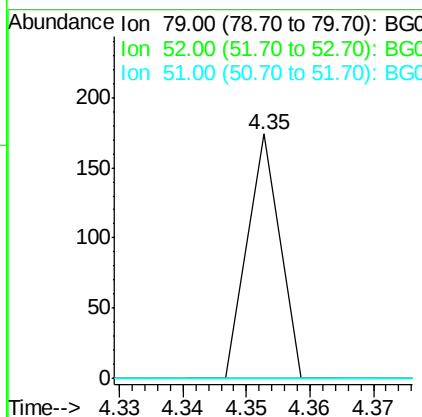
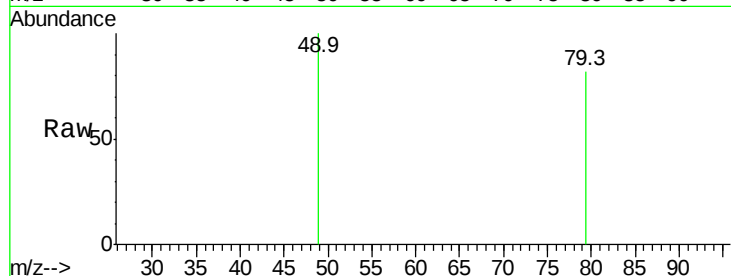
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 61

Ion	Ratio	Lower	Upper
79	100		
52	0.0	69.9	104.9#
51	0.0	34.0	51.0#



#4

n-Nitrosodimethylamine

Concen: 0.131 ng

RT: 3.75 min Scan# 78

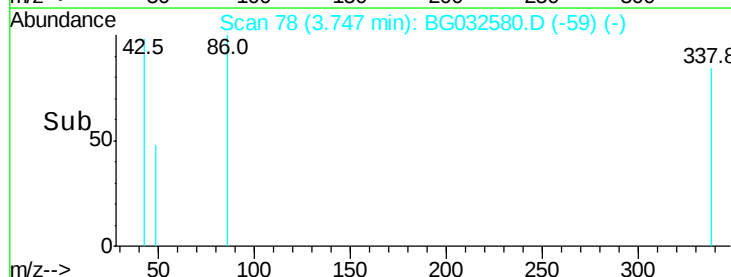
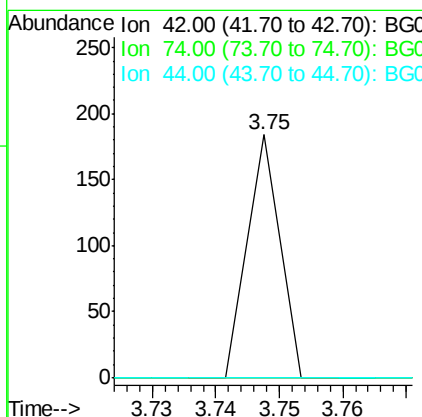
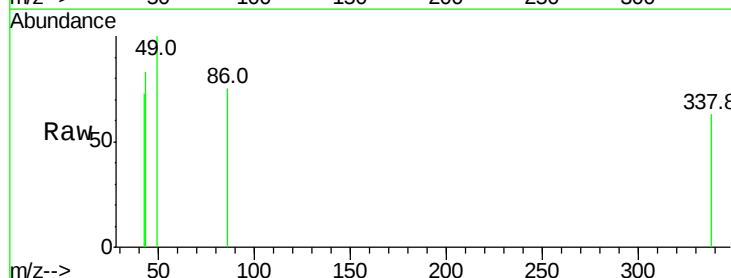
Delta R.T. -0.42 min

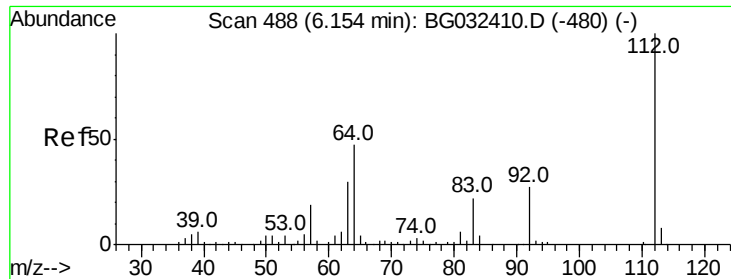
Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 98.591 ng

RT: 6.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampled :

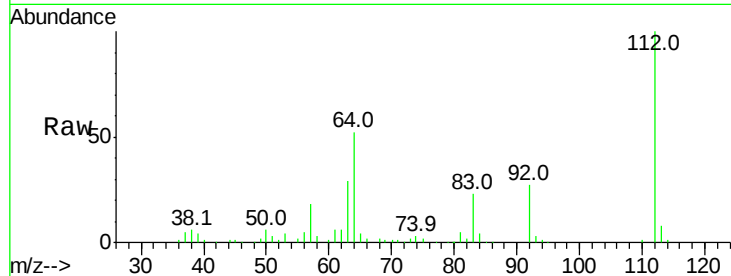
Tot Ion:112 Resp: 103610

Ion Ratio Lower Upper

112 100

64 52.5 56.3 84.5#

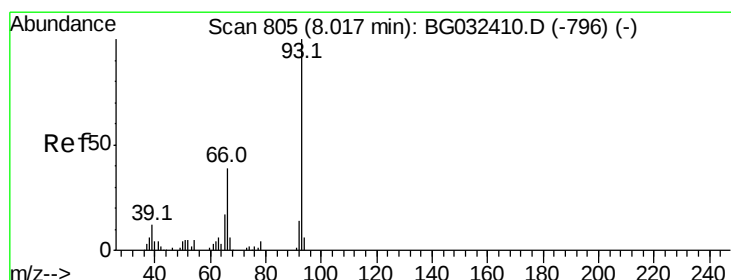
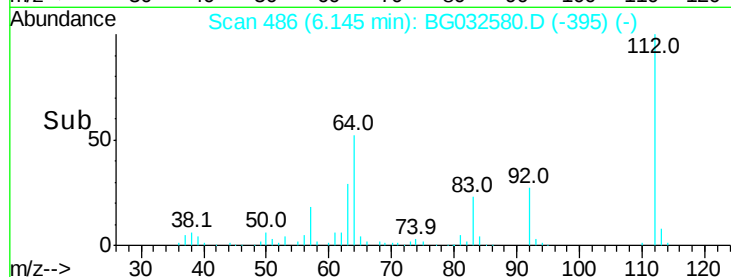
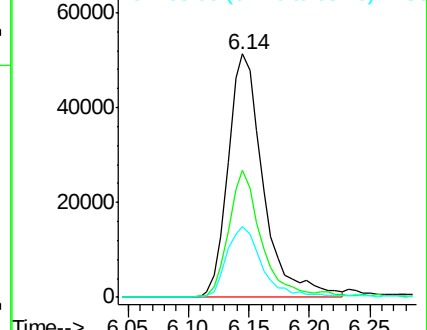
63 28.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.031 ng

RT: 8.23 min Scan# 841

Delta R.T. 0.23 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

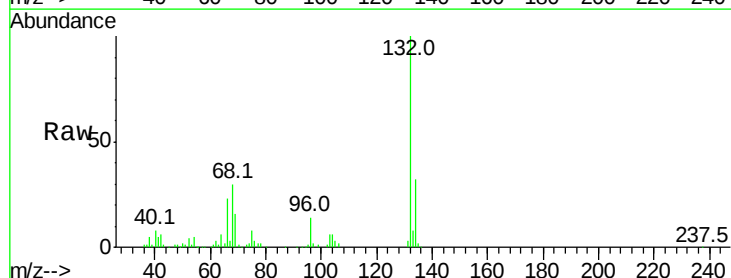
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

66 9479.6 33.7 50.5#

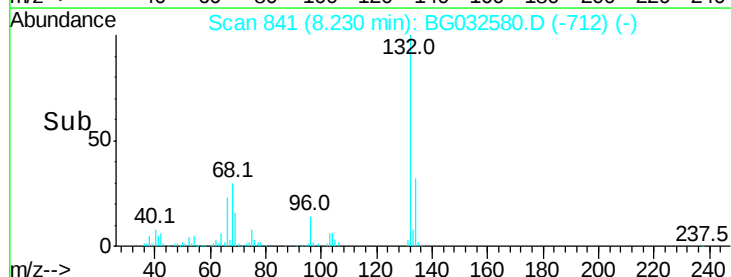
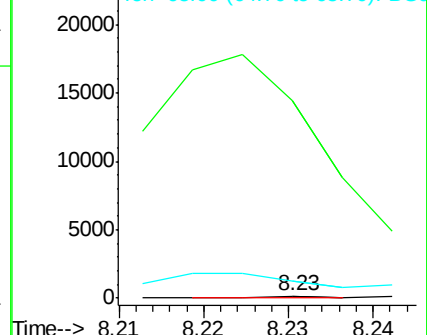
65 834.2 16.1 24.1#

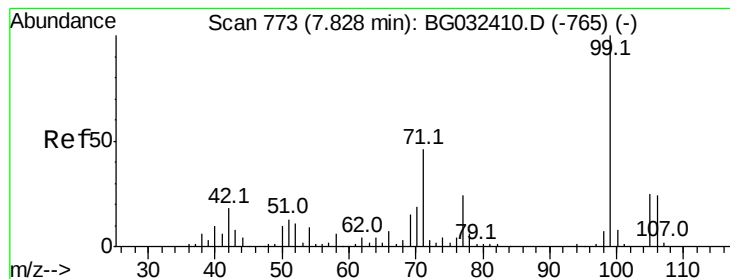


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.032 ng

RT: 7.83 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

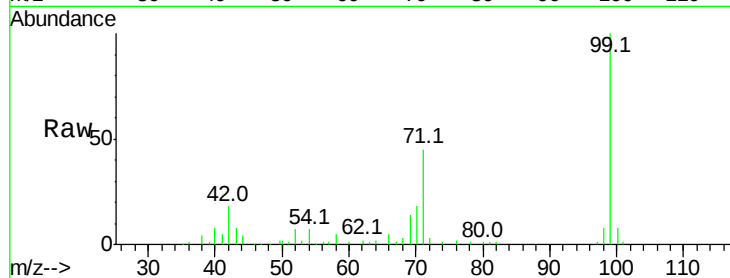
Tot Ion: 99 Resp: 151498

Ion Ratio Lower Upper

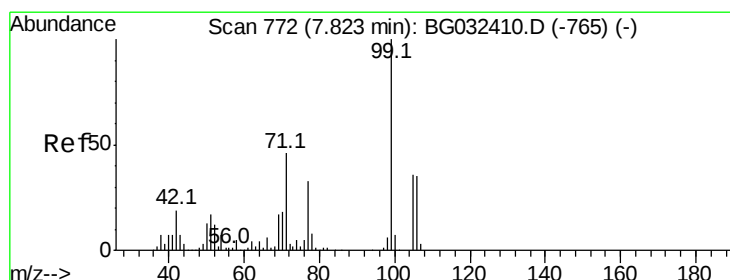
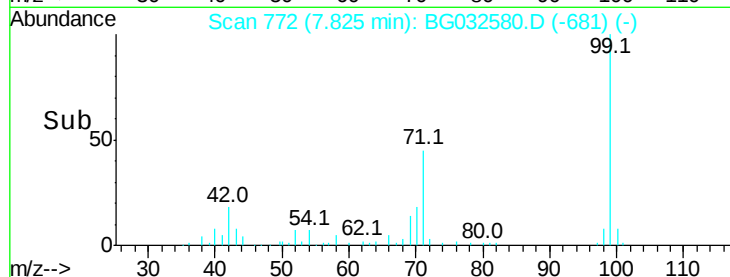
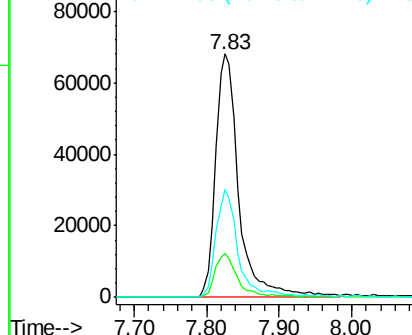
99 100

42 18.2 14.1 21.1

71 44.6 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



#9

Benzaldehyde

Concen: 0.101 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

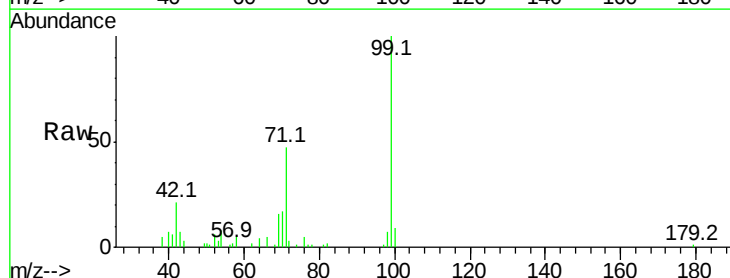
Tgt Ion: 77 Resp: 73

Ion Ratio Lower Upper

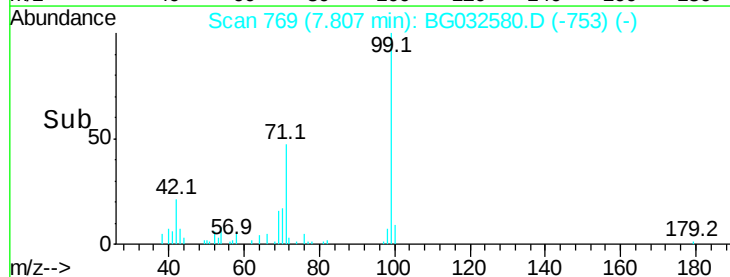
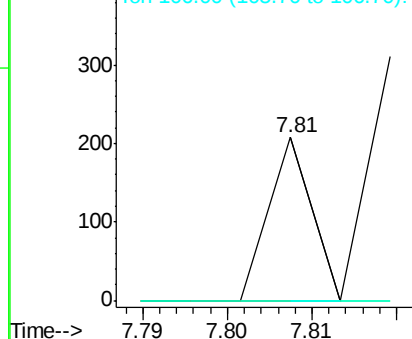
77 100

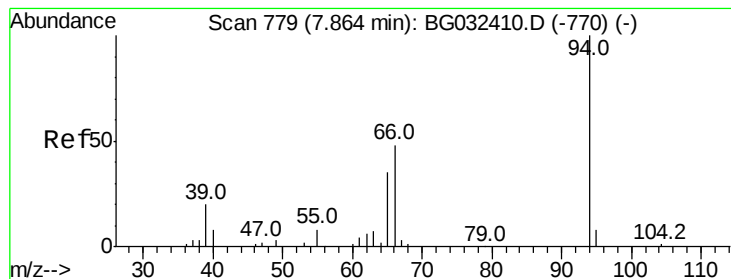
105 0.0 71.3 111.3#

106 0.0 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: 2.477 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampled :

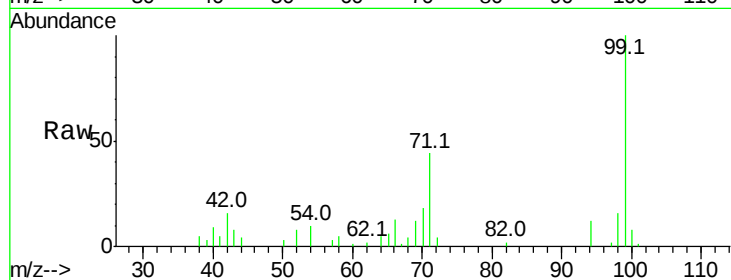
Tot Ion: 94 Resp: 3299

Ion Ratio Lower Upper

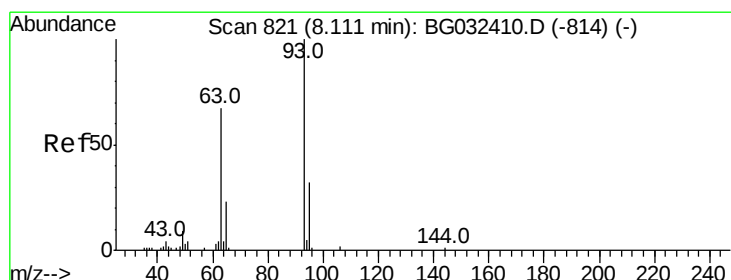
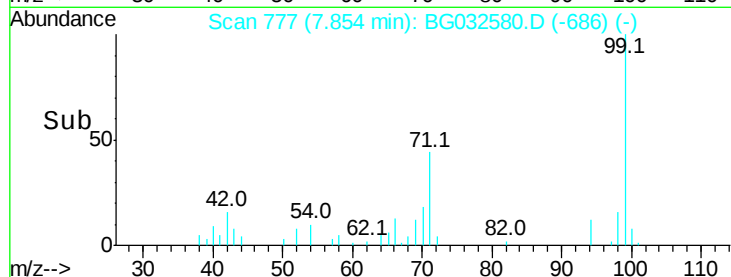
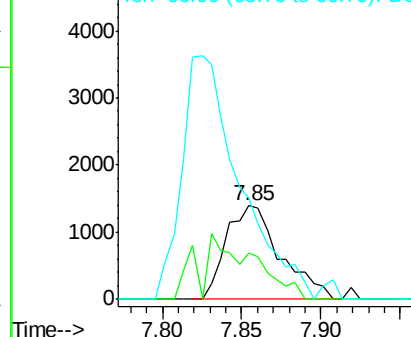
94 100

65 49.1 11.9 51.9

66 108.7 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: 0.053 ng

RT: 8.23 min Scan# 841

Delta R.T. 0.13 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

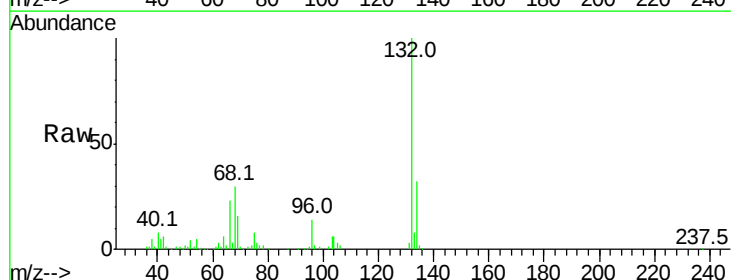
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

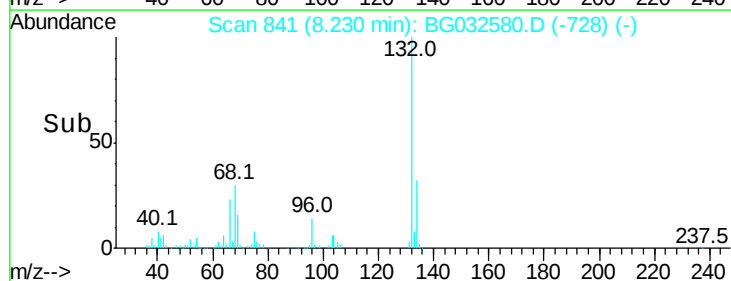
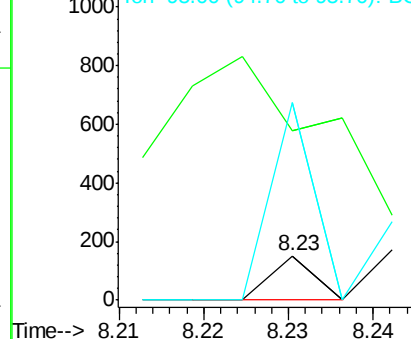
93 100

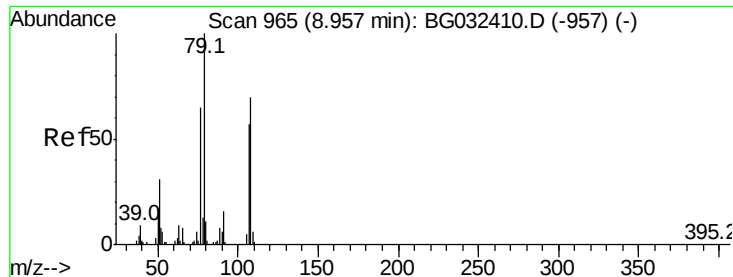
63 380.3 67.1 107.1#

95 442.1 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





#15

Benzyl Alcohol

Concen: 1.425 ng

RT: 9.04 min Scan# 979

Delta R.T. 0.10 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

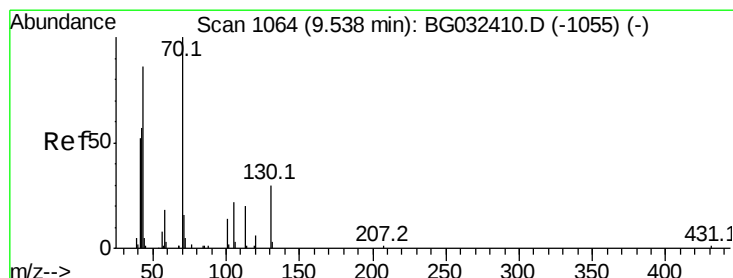
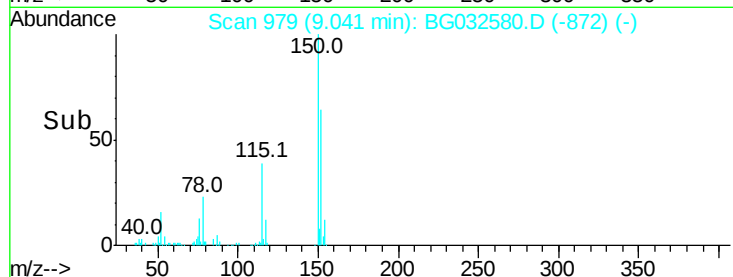
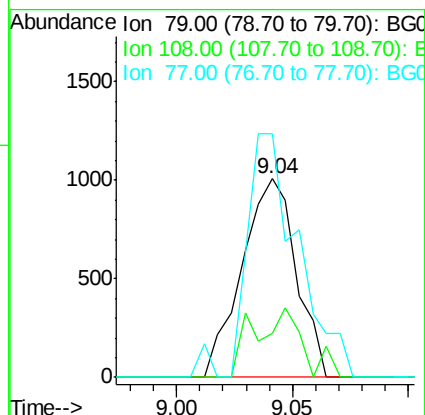
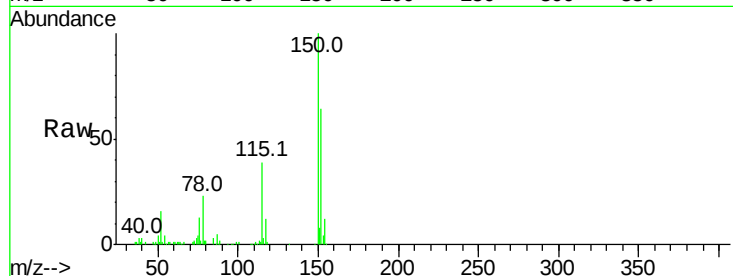
Tot Ion: 79 Resp: 1647

Ion Ratio Lower Upper

79 100

108 21.9 57.2 85.8#

77 122.7 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.677 ng

RT: 9.90 min Scan# 1126

Delta R.T. 0.39 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Tgt Ion: 70 Resp: 13647

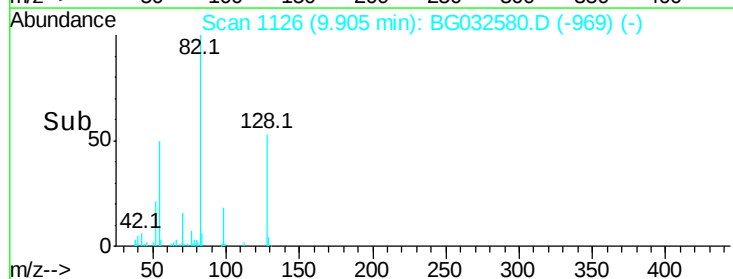
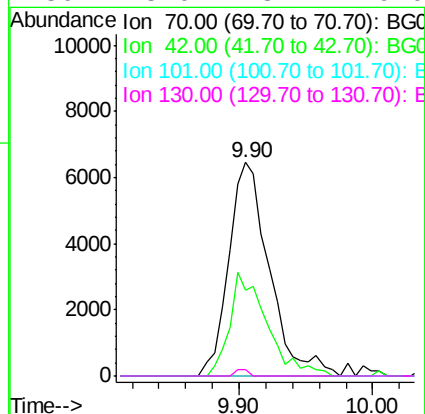
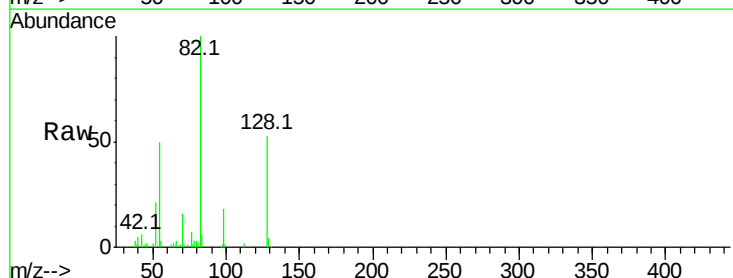
Ion Ratio Lower Upper

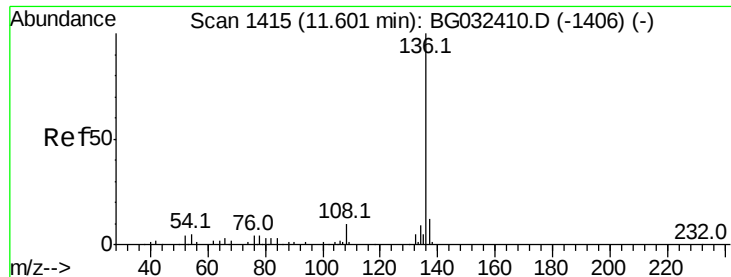
70 100

42 40.1 49.1 73.7#

101 0.0 8.5 12.7#

130 3.0 13.4 20.0#

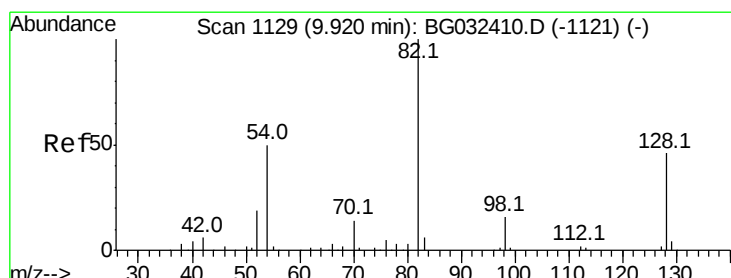
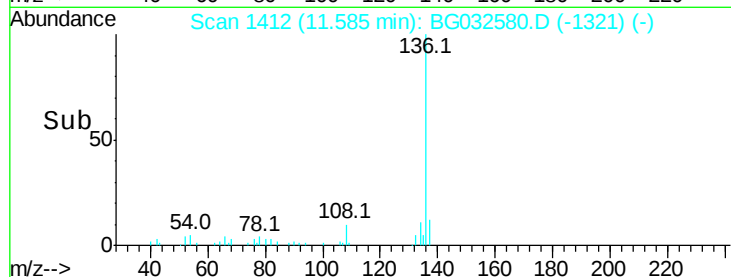
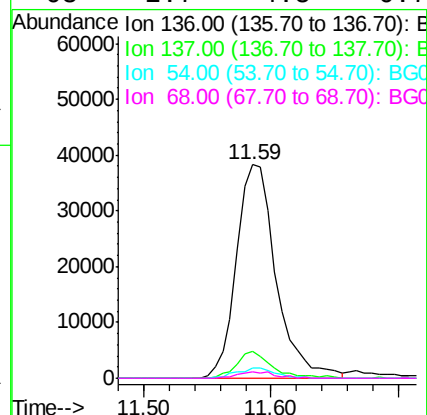
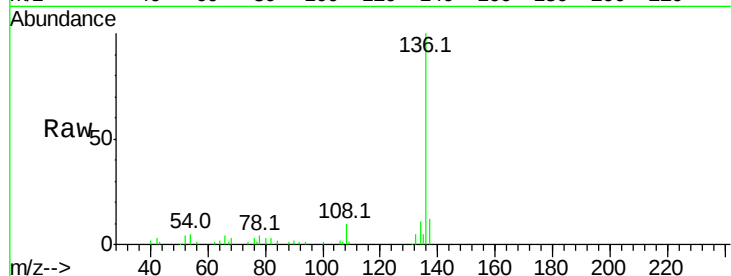




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

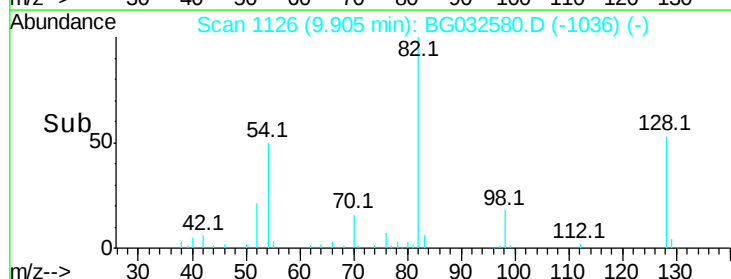
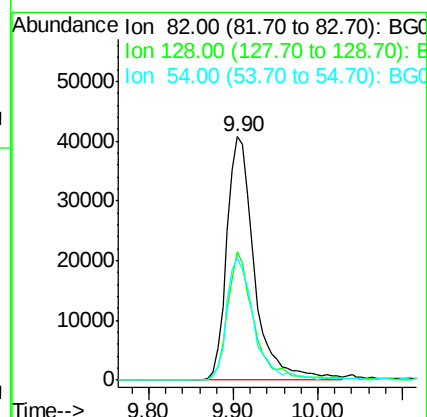
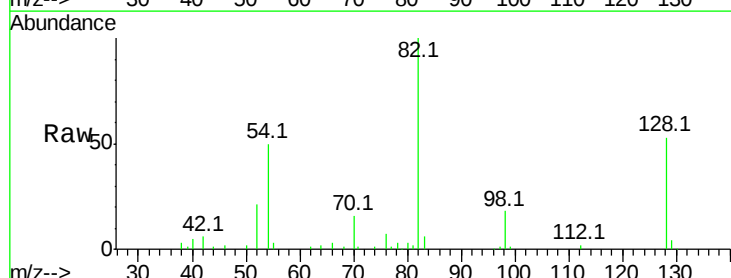
Instrument :
BNA_G
ClientSampleId :

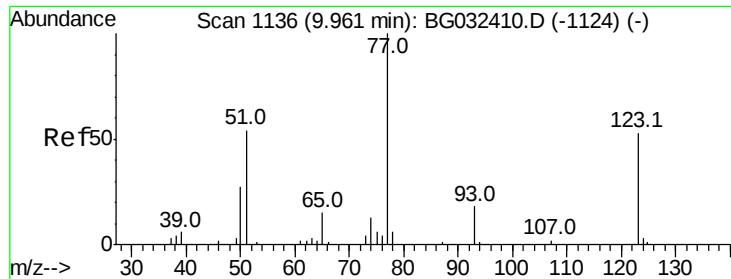
Tot Ion:	136	Resp:	83037
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	5.0	10.3	15.5#
68	2.7	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 69.212 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt Ion:	82	Resp:	92013
Ion	Ratio	Lower	Upper
82	100		
128	52.8	29.7	44.5#
54	50.3	43.1	64.7

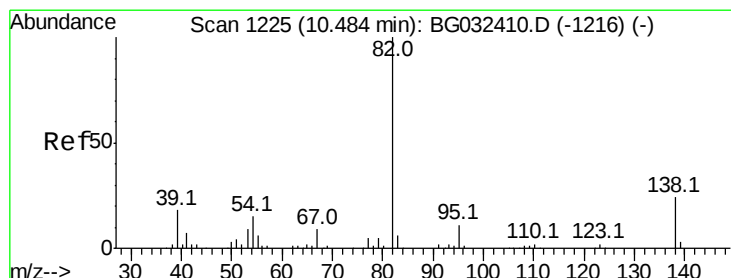
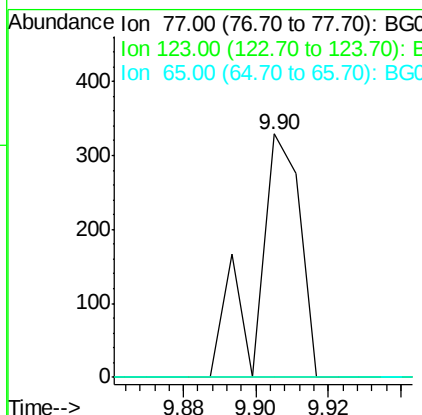
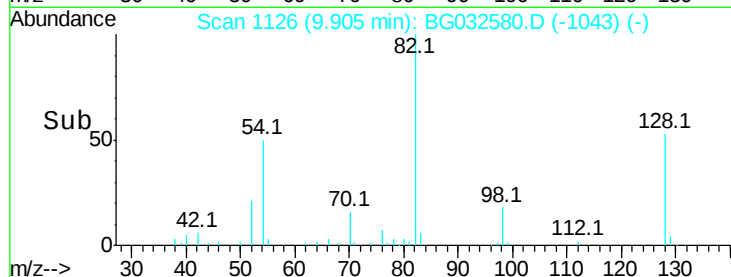
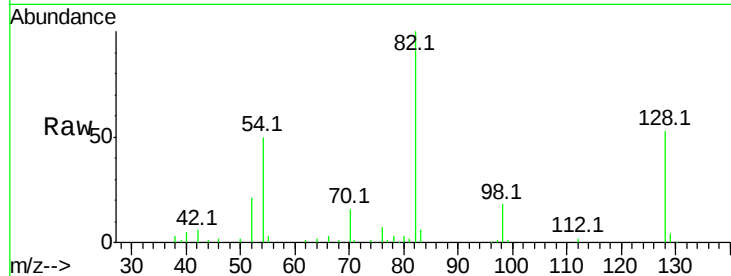




#24
 Nitrobenzene
 Concen: 0.212 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. -0.04 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

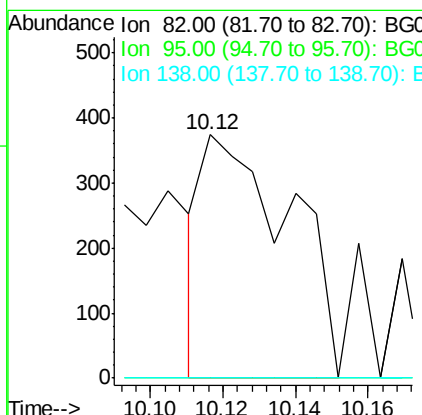
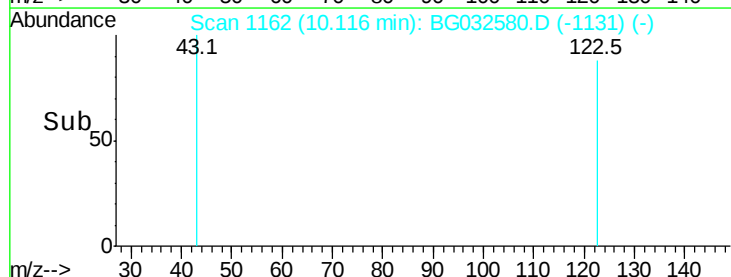
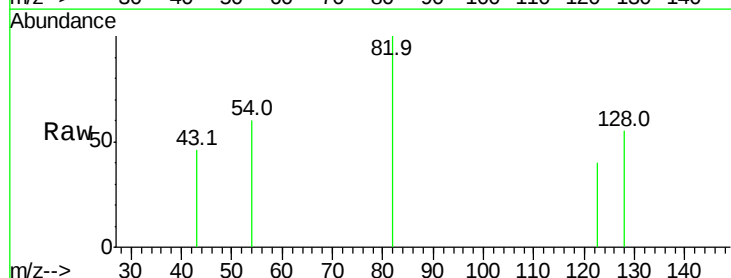
Instrument :
 BNA_G
 ClientSampled :

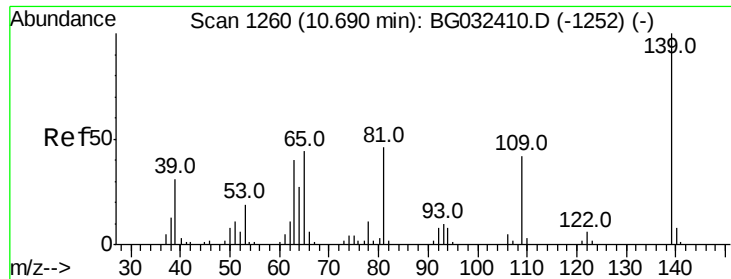
Tot Ion: 77 Resp: 272
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 0.0 13.0 19.6#



#25
 Isophorone
 Concen: 0.277 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.35 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

Tgt Ion: 82 Resp: 627
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.2 9.2#
 138 0.0 12.1 18.1#

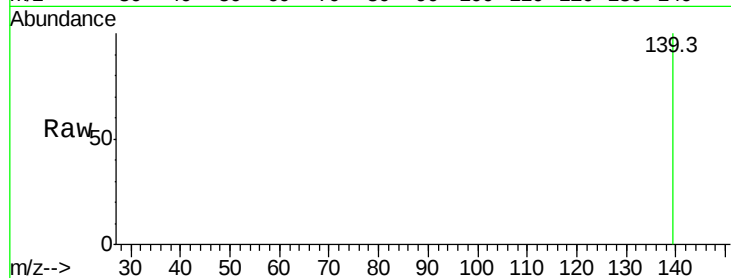




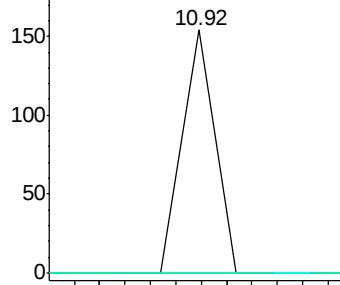
#26
2-Nitrophenol
Concen: 0.069 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.24 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Instrument :
BNA_G
ClientSampleId :

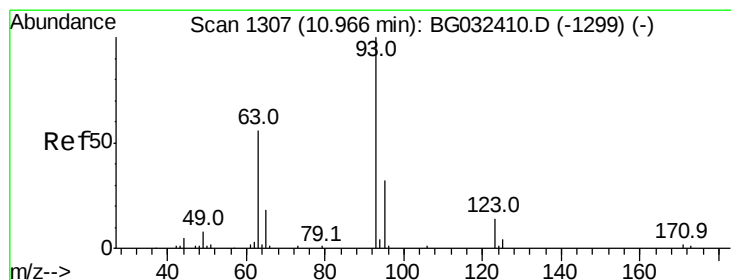
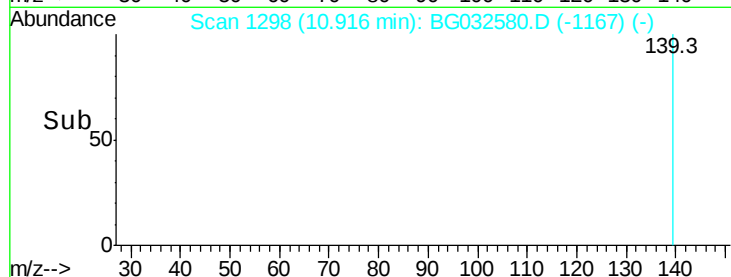
Tot Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 24.2 36.2#
65 0.0 47.4 71.0#



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

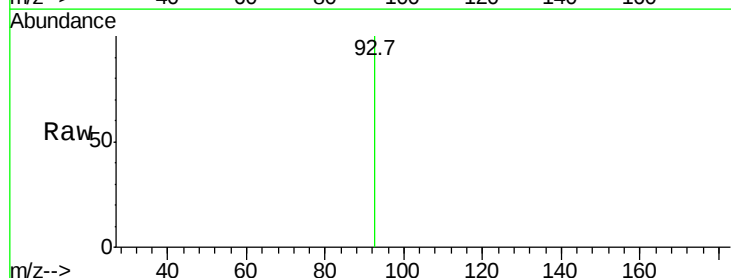


Time-->

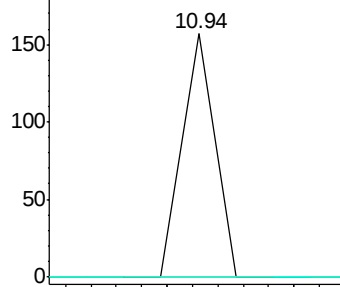


#28
bis(2-Chloroethoxy)methane
Concen: 0.044 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

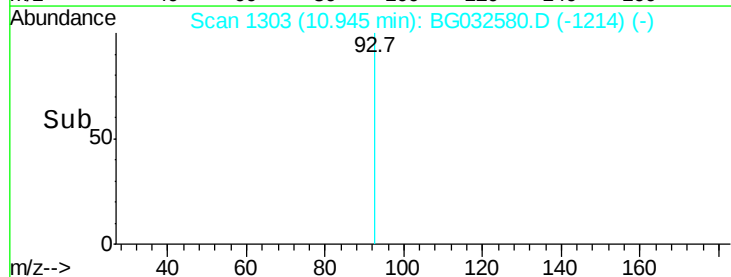
Tgt Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
95 0.0 24.3 36.5#
123 0.0 8.4 12.6#

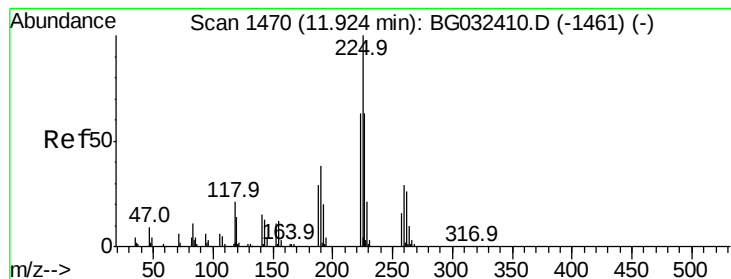


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E



Time-->





#34

Hexachlorobutadiene

Concen: 0.038 ng

RT: 11.84 min Scan# 1456

Delta R.T. -0.06 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

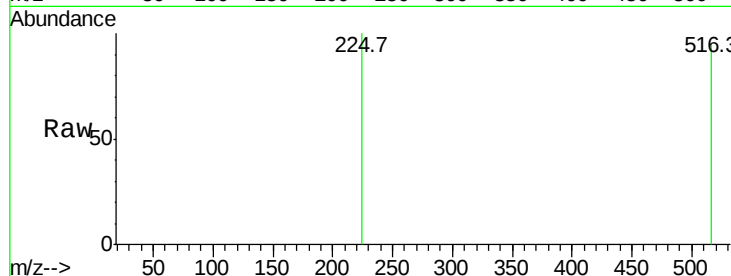
Tot Ion:225 Resp: 58

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

227 0.0 48.1 72.1#

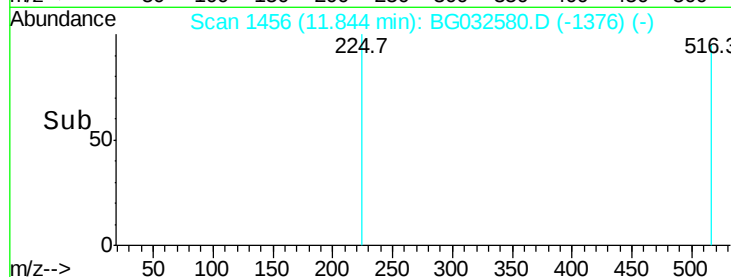


Abundance Ion 225.00 (224.70 to 225.70): E

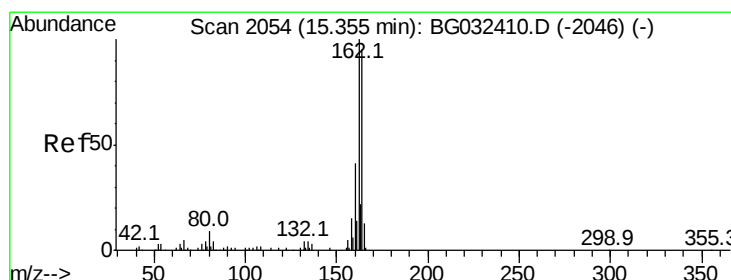
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

11.84



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

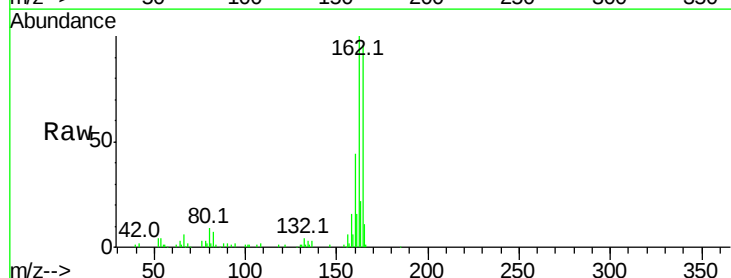
Tgt Ion:164 Resp: 61948

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

160 46.3 35.4 53.0

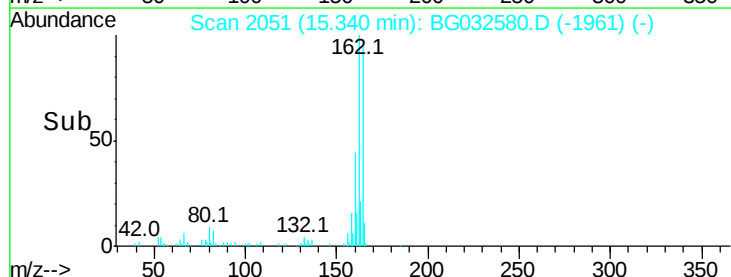


Abundance Ion 164.00 (163.70 to 164.70): E

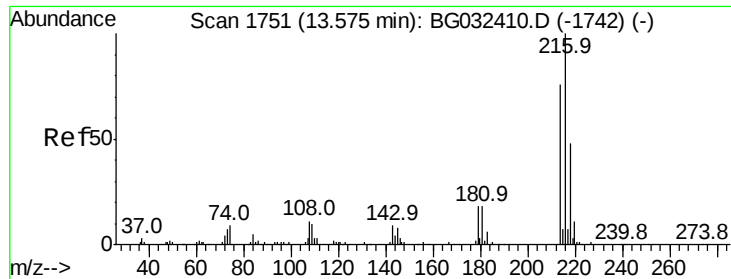
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.34



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.021 ng

RT: 13.45 min Scan# 1730

Delta R.T. -0.10 min

Lab File: BG032580.D

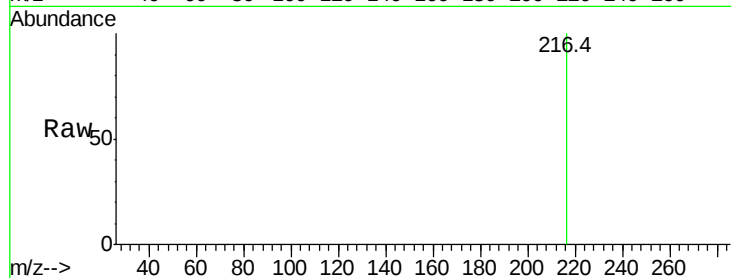
Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	61
Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	0.0	17.0	25.6#
108	0.0	12.8	19.2#

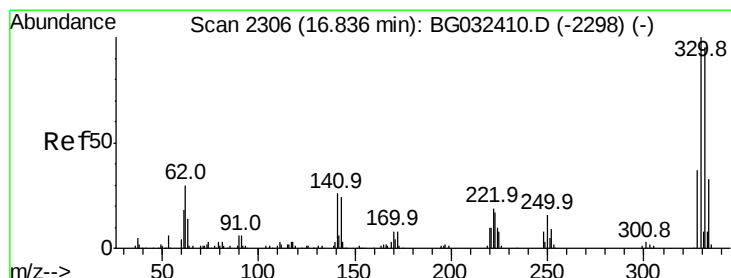
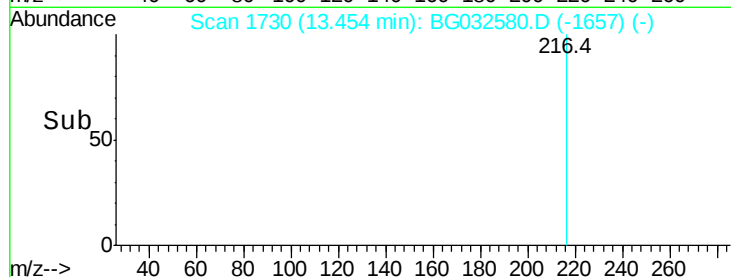
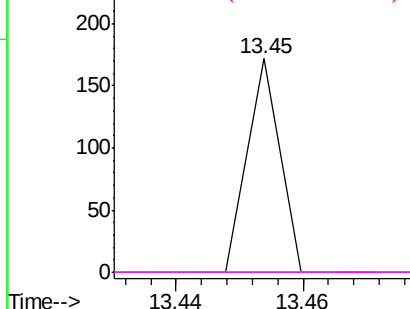


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 121.396 ng

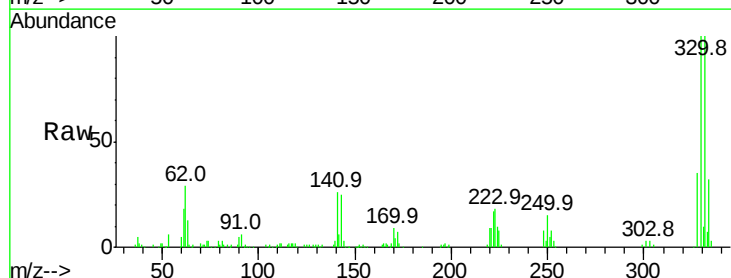
RT: 16.82 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

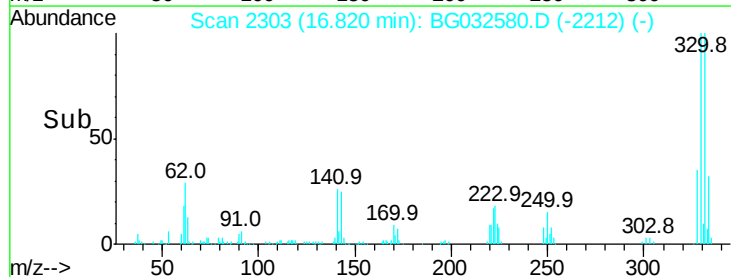
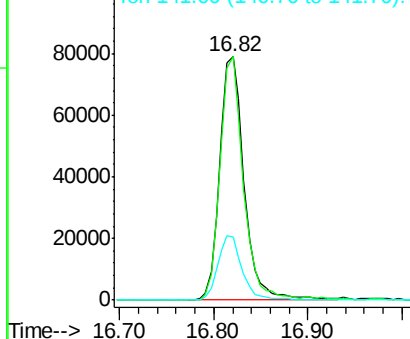
Tgt Ion:	330	Resp:	143148
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	25.8	25.2	37.8

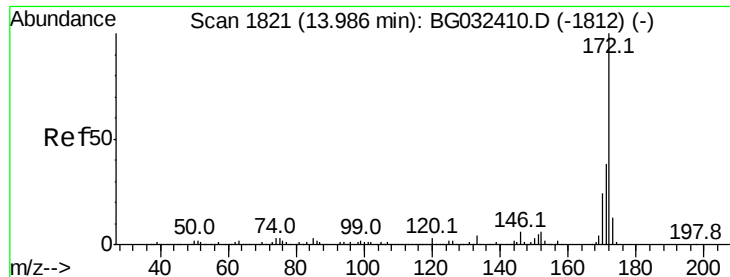


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

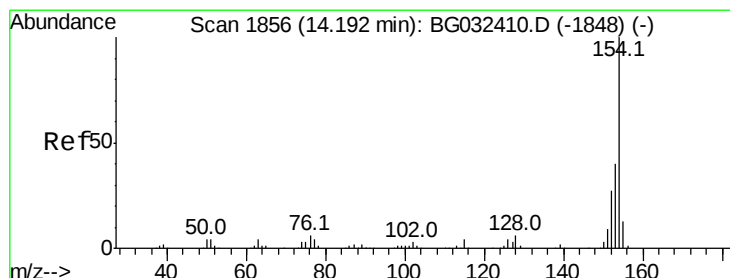
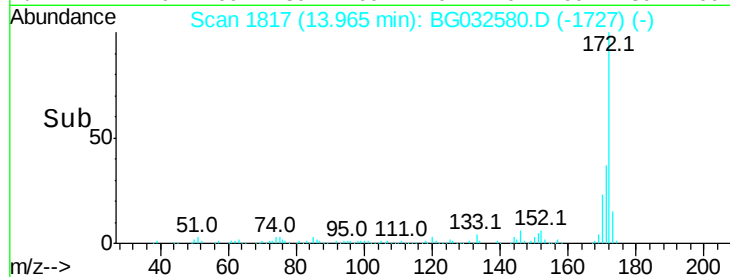
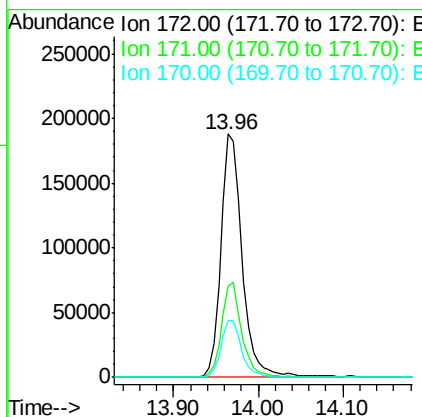
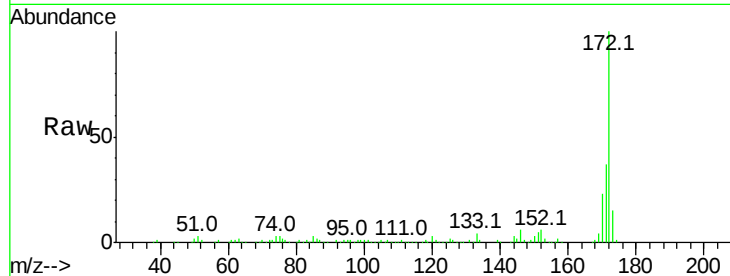




#44
 2-Fluorobiphenyl
 Concen: 62.881 ng
 RT: 13.96 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

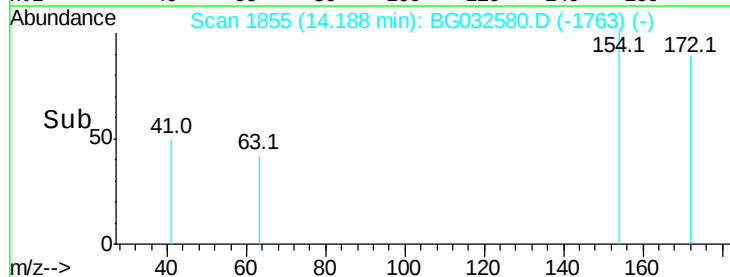
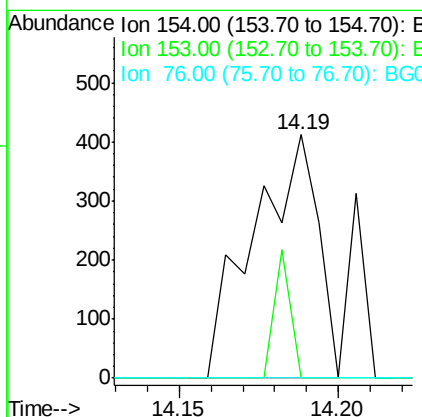
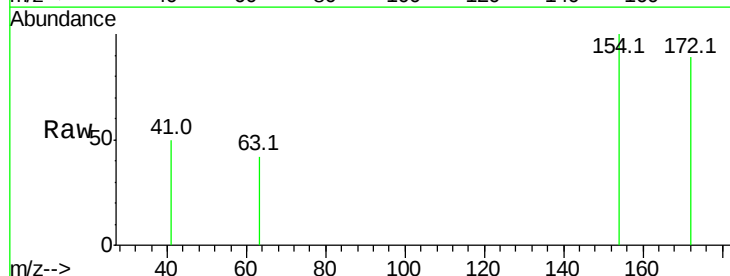
Instrument :
 BNA_G
 ClientSampleId :

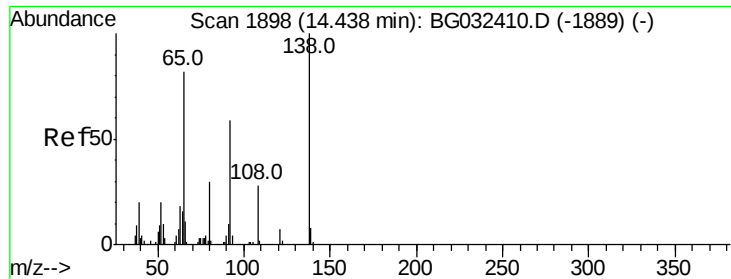
Tot Ion:172 Resp: 327735
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.5 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 0.111 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

Tgt Ion:154 Resp: 581
 Ion Ratio Lower Upper
 154 100
 153 0.0 19.8 59.8#
 76 0.0 0.0 31.9

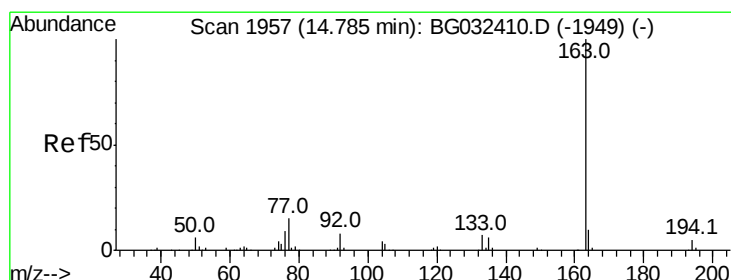
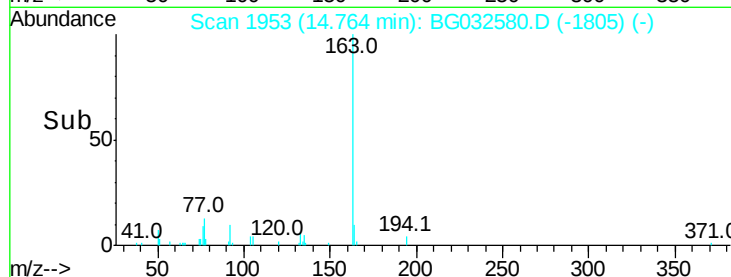
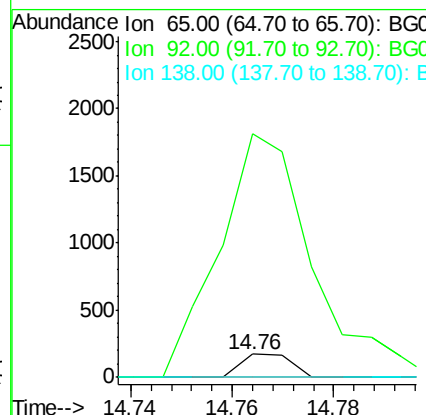
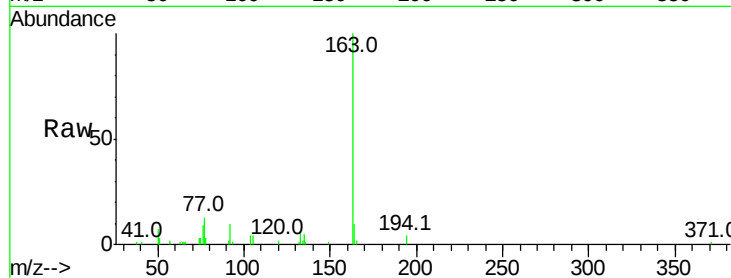




#47
2-Nitroaniline
Concen: 0.132 ng
RT: 14.76 min Scan# 1953
Delta R.T. 0.34 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

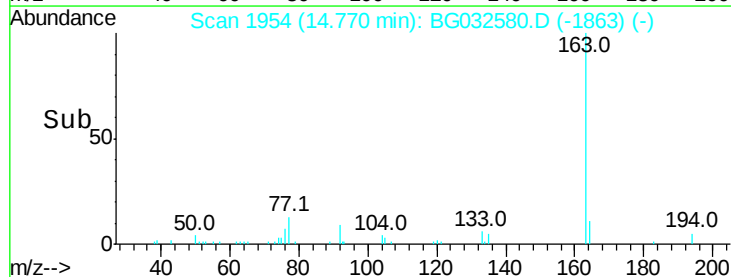
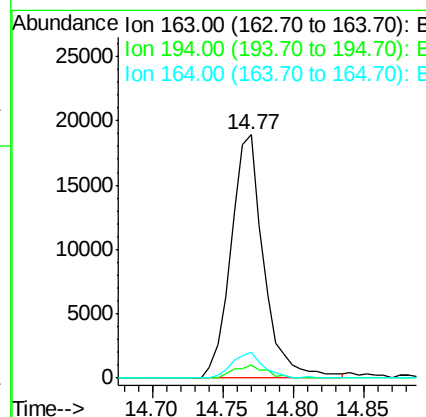
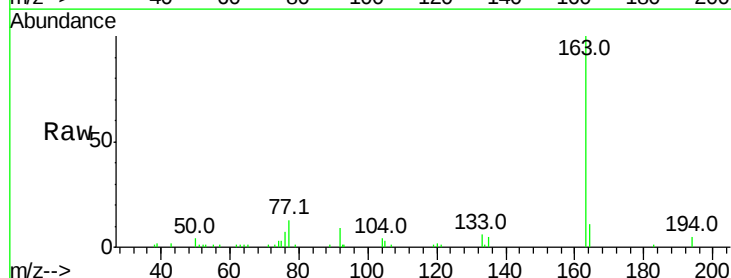
Instrument :
BNA_G
ClientSampleId :

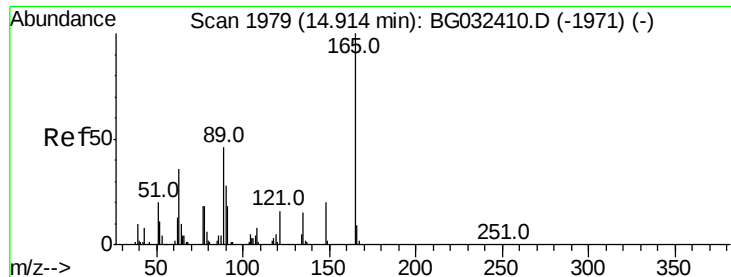
Tot Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 1054.1 54.6 82.0#
138 0.0 72.9 109.3#



#49
Dimethylphthalate
Concen: 5.336 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt Ion: 163 Resp: 30479
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 10.9 8.2 12.4

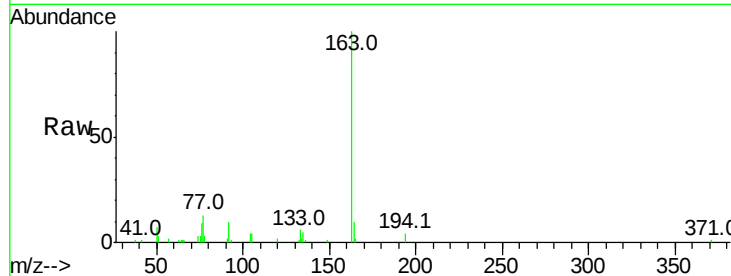




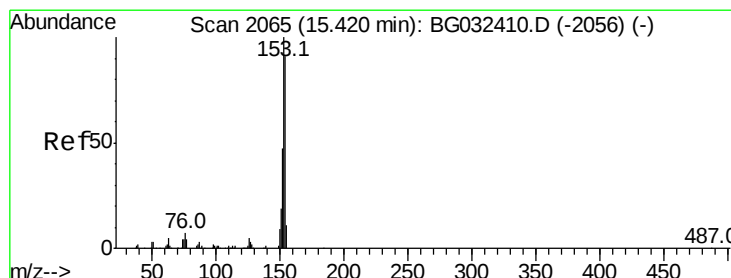
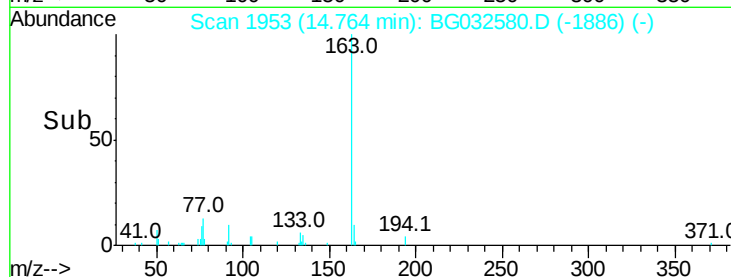
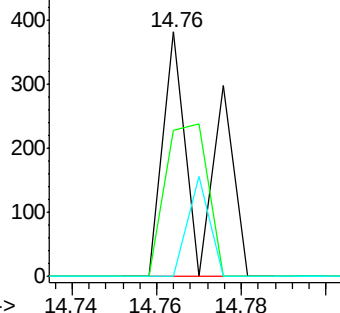
#50
2,6-Dinitrotoluene
Concen: 0.199 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.14 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 239
Ion Ratio Lower Upper
165 100
63 59.8 52.7 79.1
89 0.0 49.2 73.8#

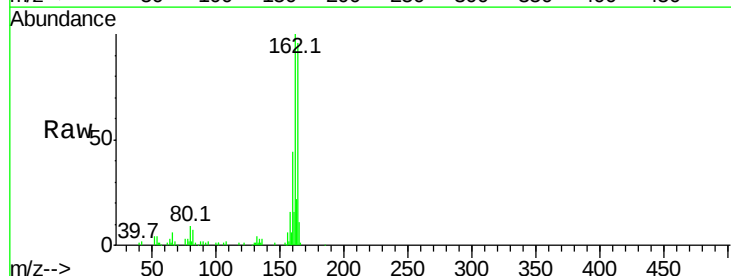


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

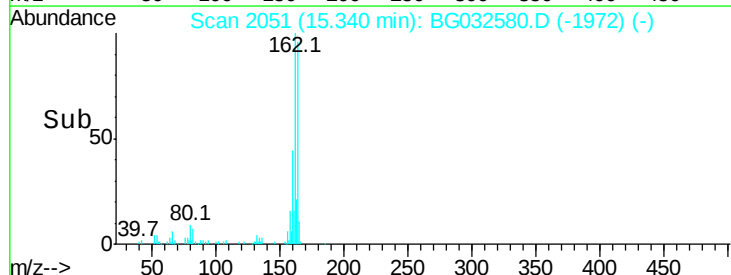
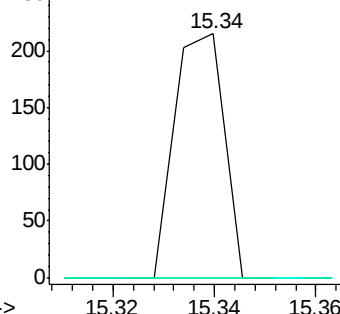


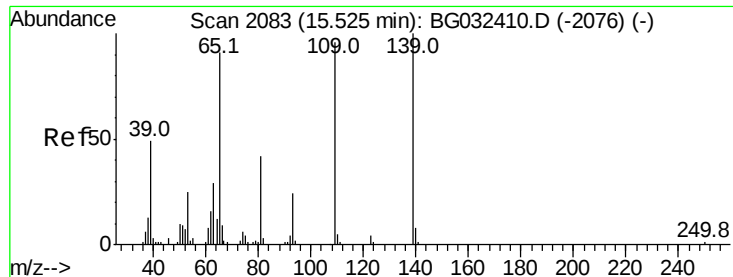
#51
Acenaphthene
Concen: 0.034 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.07 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt Ion:154 Resp: 147
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 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

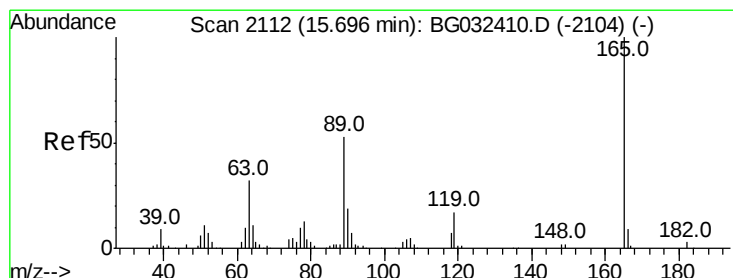
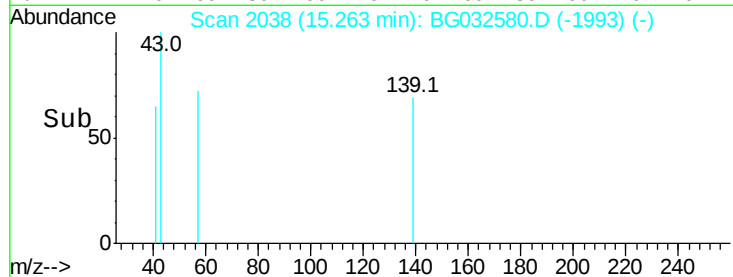
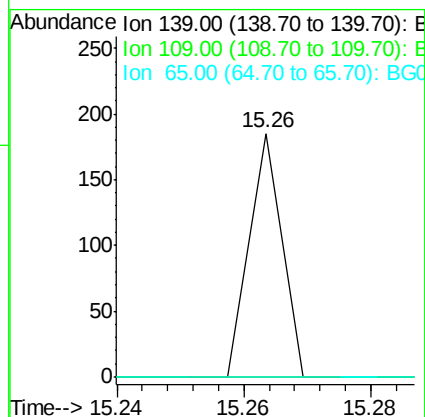
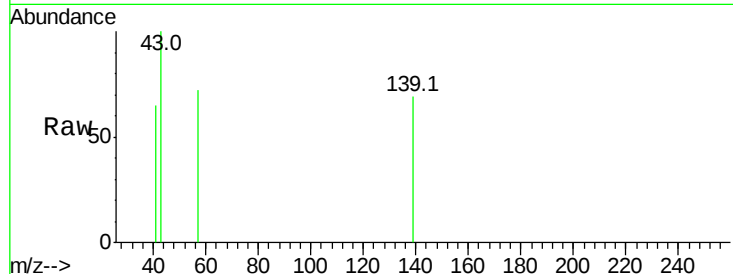




#55
4-Nitrophenol
Concen: 0.083 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.27 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

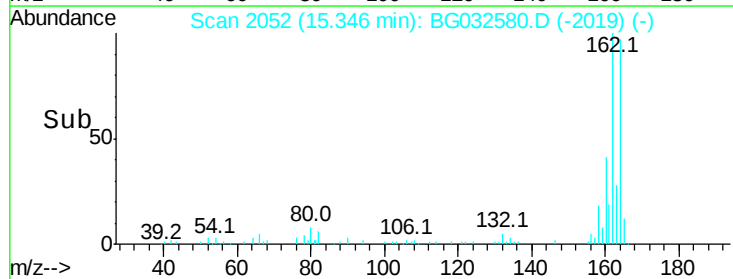
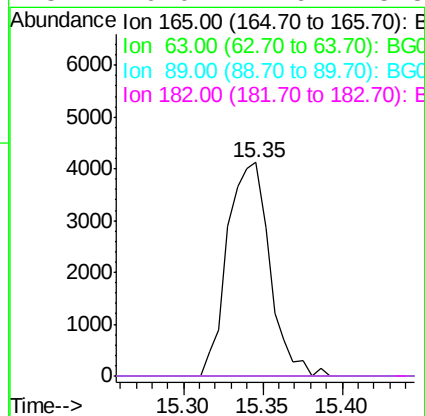
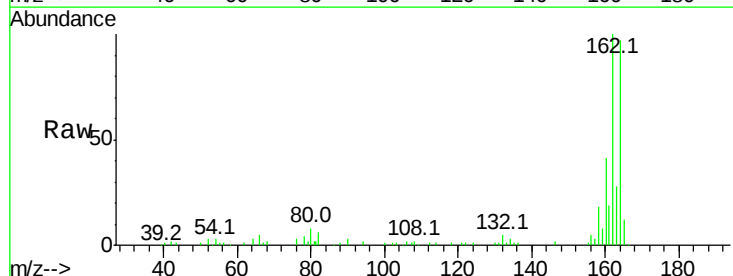
Instrument :
BNA_G
ClientSampleId :

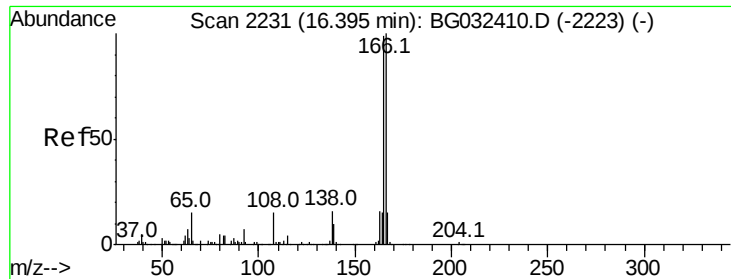
Tot Ion:139 Resp: 65
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 4.447 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.34 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt Ion:165 Resp: 7591
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#57

Fluorene

Concen: 0.579 ng

RT: 16.81 min Scan# 2302

Delta R.T. 0.43 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

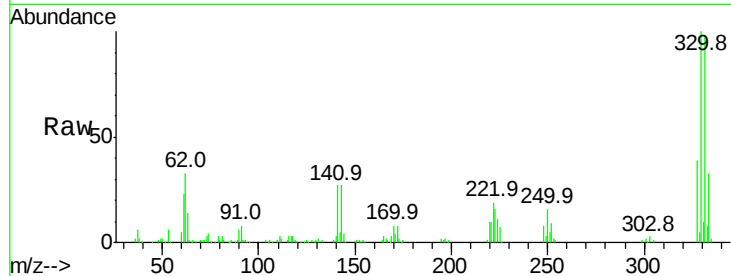
Tot Ion:166 Resp: 3063

Ion Ratio Lower Upper

166 100

165 147.4 80.6 121.0#

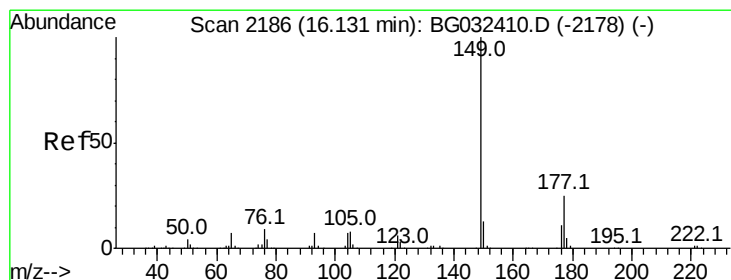
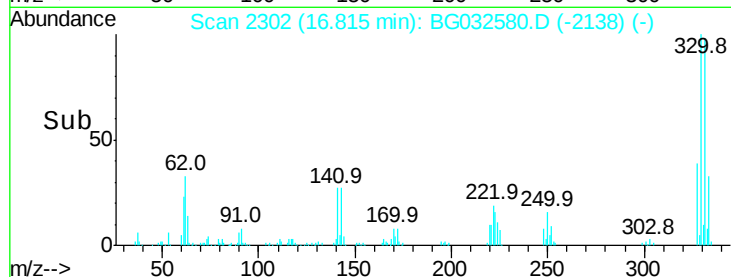
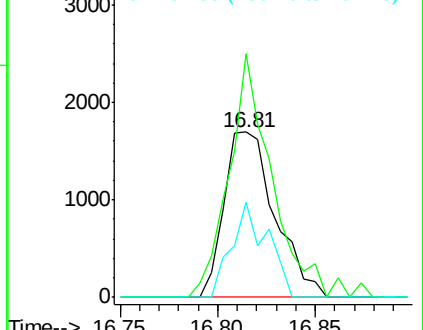
167 57.8 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.117 ng

RT: 16.10 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

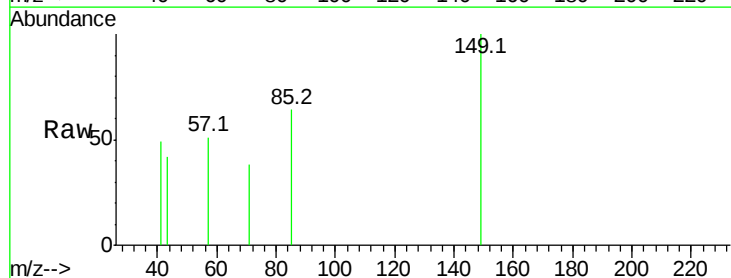
Tgt Ion:149 Resp: 652

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

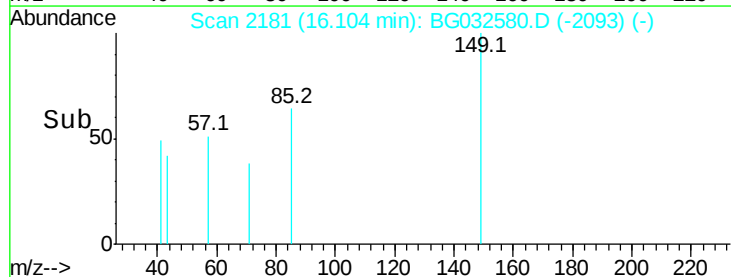
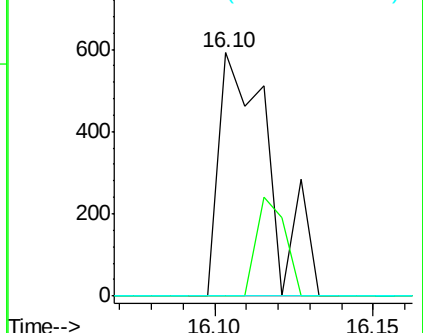
150 0.0 10.2 15.2#

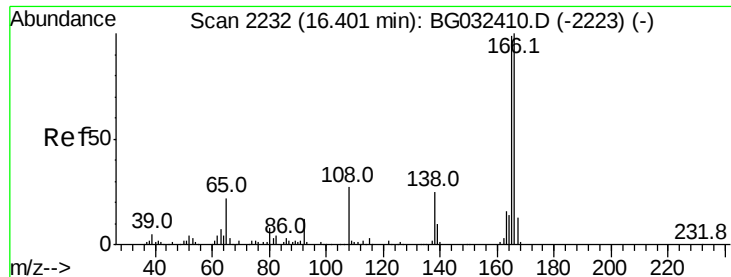


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

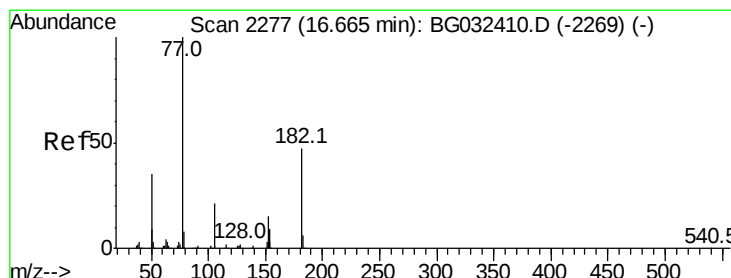
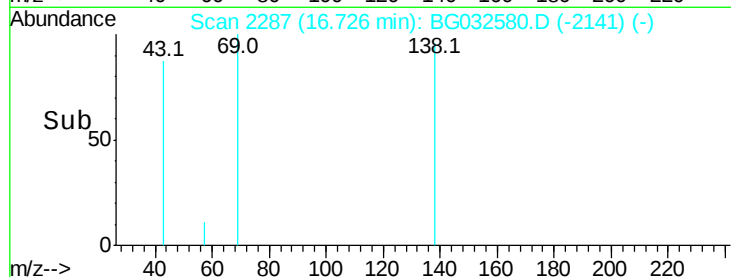
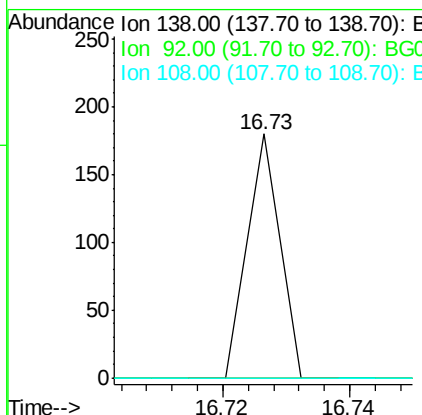
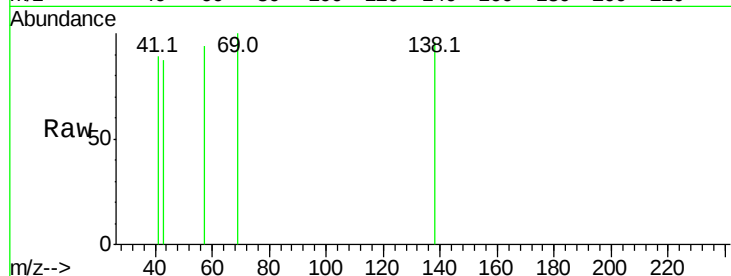




#61
4-Nitroaniline
Concen: 0.056 ng
RT: 16.73 min Scan# 2287
Delta R.T. 0.33 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

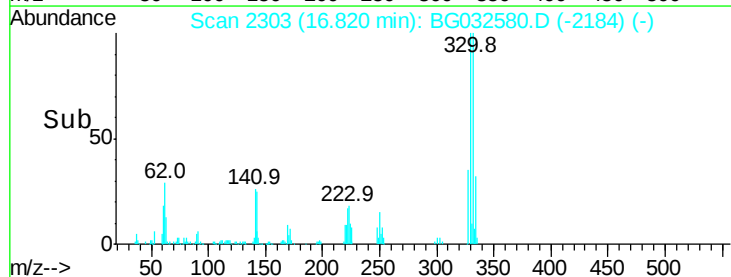
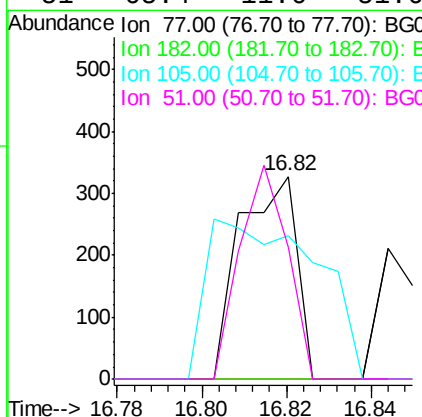
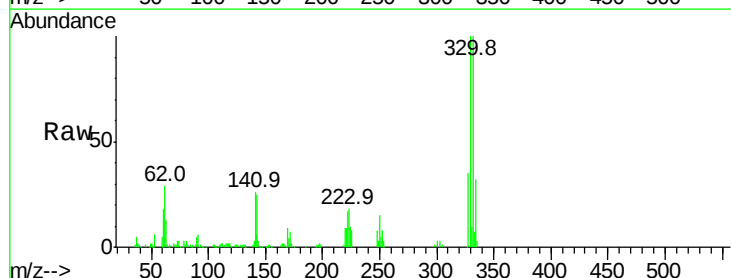
Instrument :
BNA_G
ClientSampleId :

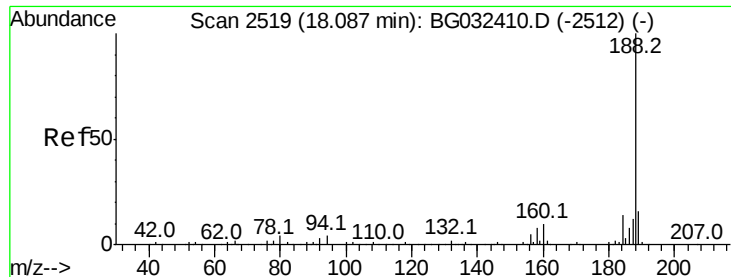
Tot Ion:138 Resp: 63
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 0.0 65.4 105.4#



#62
Azobenzene
Concen: 0.091 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.17 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt Ion: 77 Resp: 304
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 70.9 0.3 40.3#
51 65.4 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

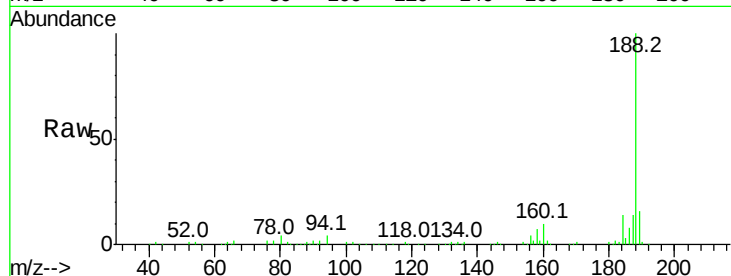
Tot Ion:188 Resp: 172576

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

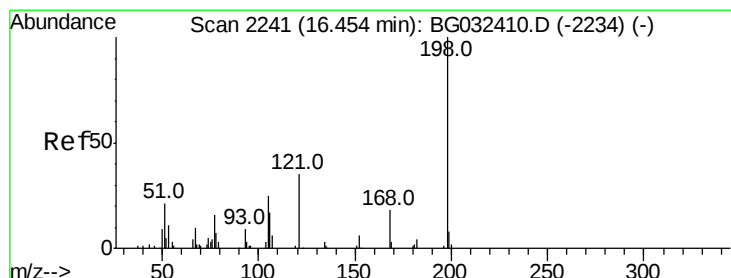
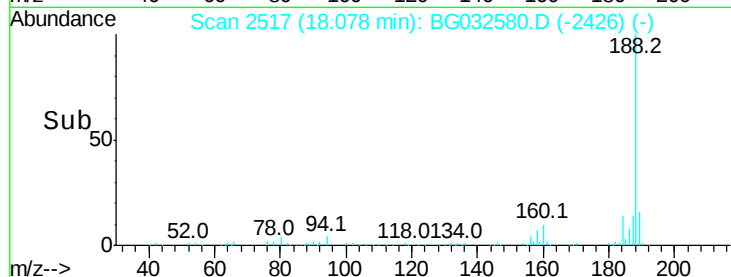
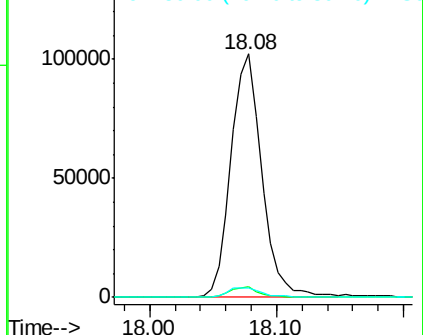
80 4.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 0.247 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.38 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

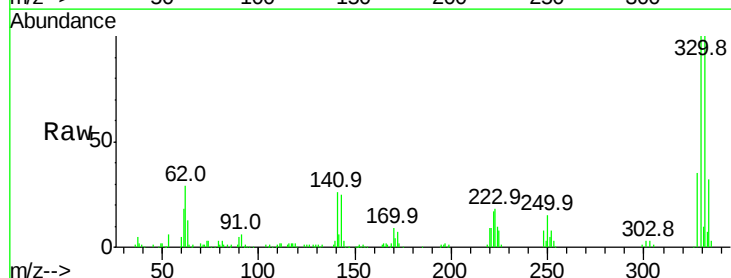
Tgt Ion:198 Resp: 318

Ion Ratio Lower Upper

198 100

51 82.0 30.6 70.6#

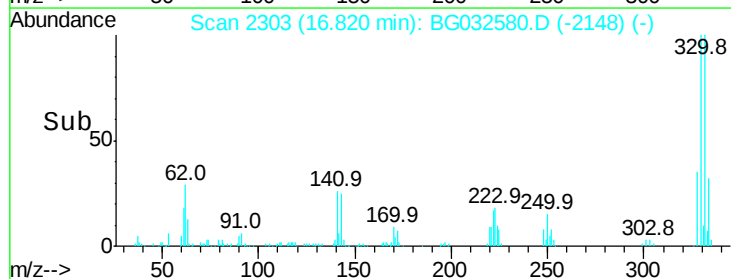
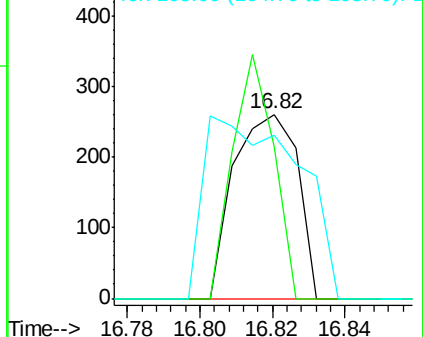
105 88.9 23.8 63.8#

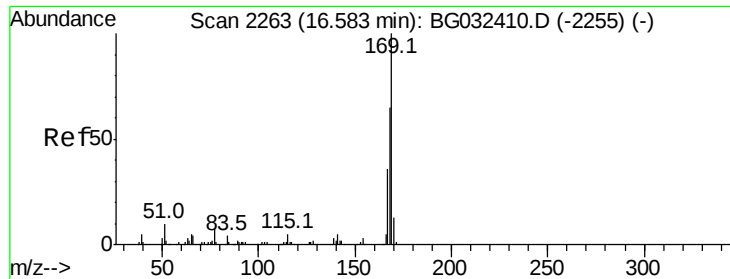


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

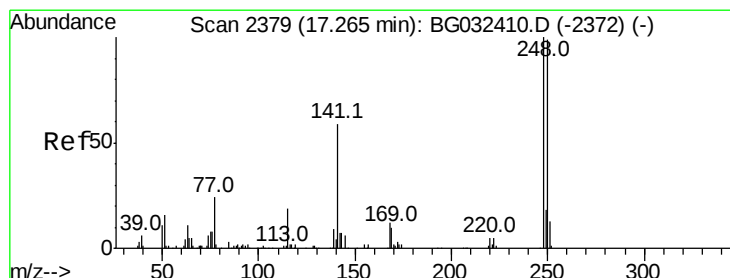
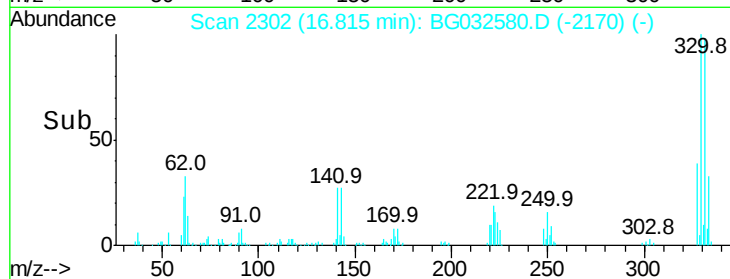
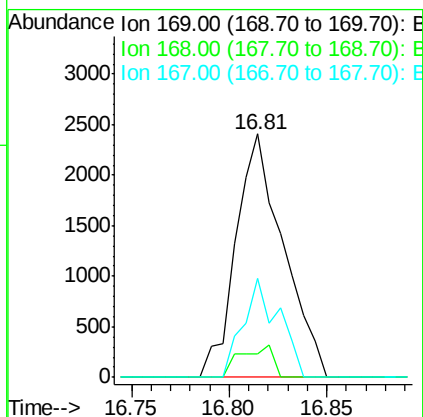
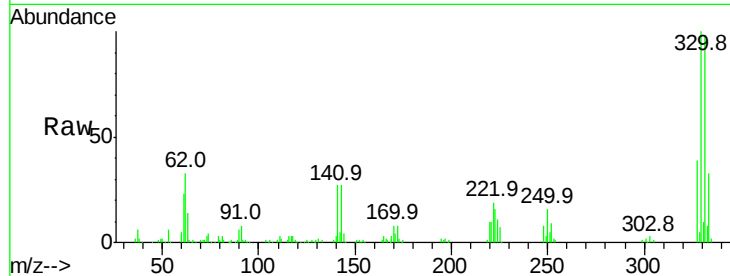




#65
 n-Nitrosodiphenylamine
 Concen: 0.786 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. 0.24 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

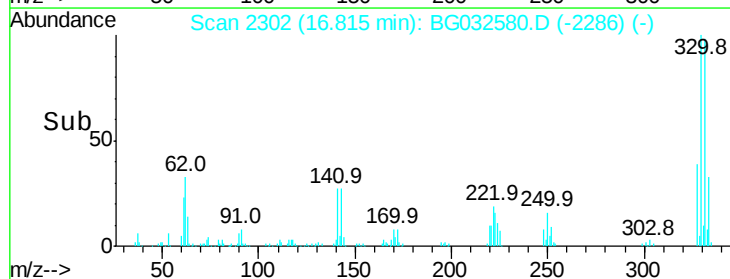
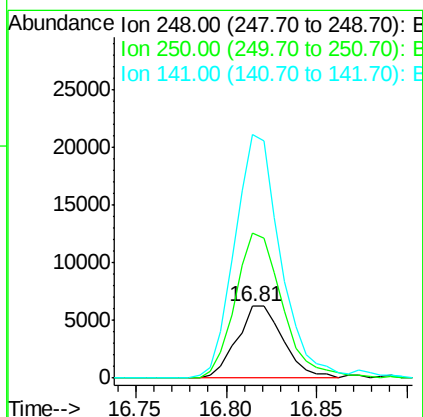
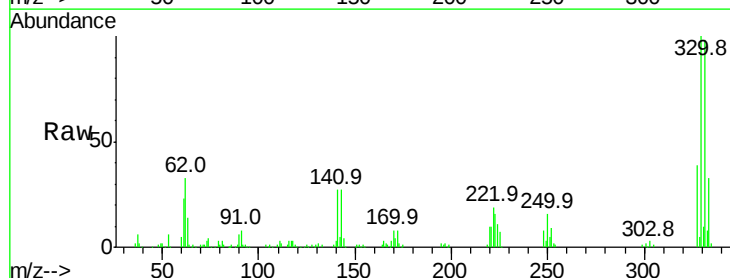
Instrument :
 BNA_G
 ClientSampleId :

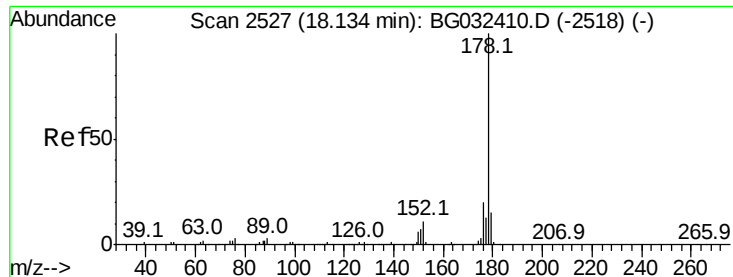
Tot Ion:169 Resp: 4050
 Ion Ratio Lower Upper
 169 100
 168 9.6 55.7 83.5#
 167 40.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.319 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. -0.44 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

Tgt Ion:248 Resp: 11043
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.1 115.7#
 141 339.9 50.8 76.2#





#70

Phenanthrene

Concen: 0.016 ng

RT: 18.11 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

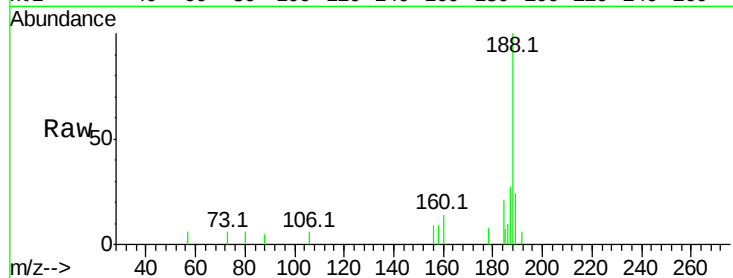
Tot Ion:178 Resp: 152

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

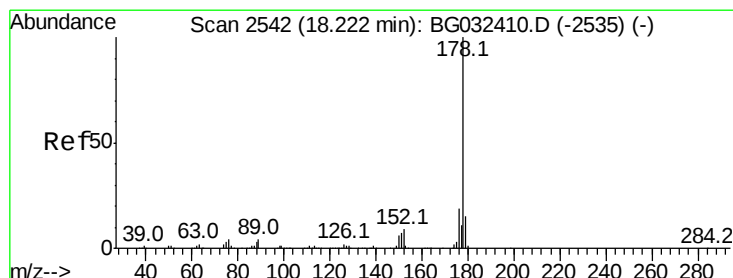
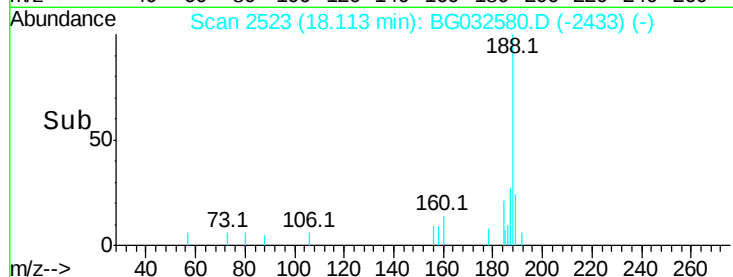
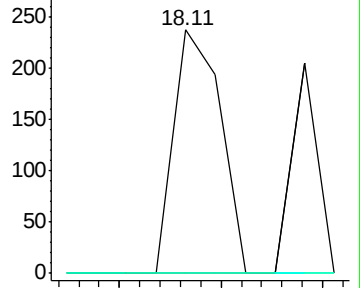
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.008 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.07 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

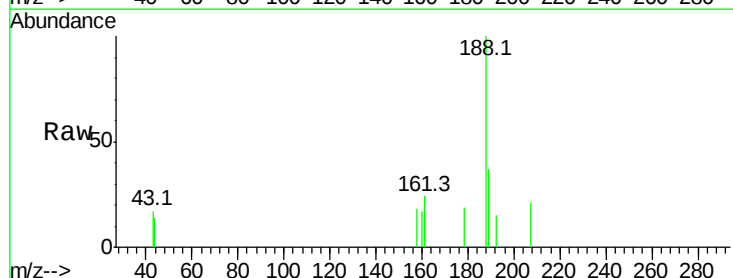
Tgt Ion:178 Resp: 72

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

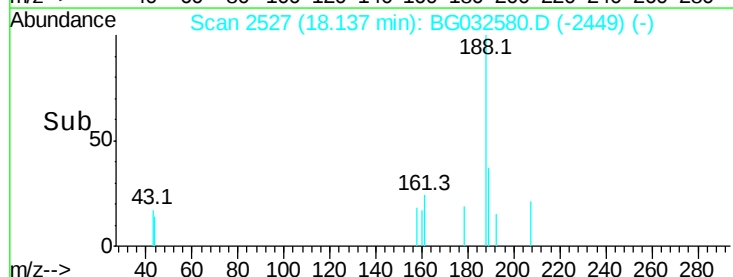
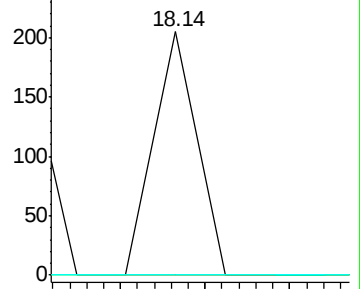
179 0.0 12.5 18.7#

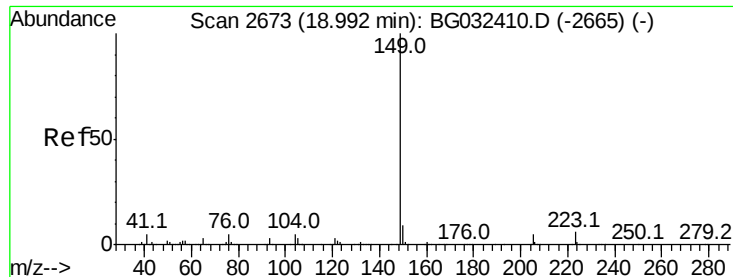


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.088 ng

RT: 18.98 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

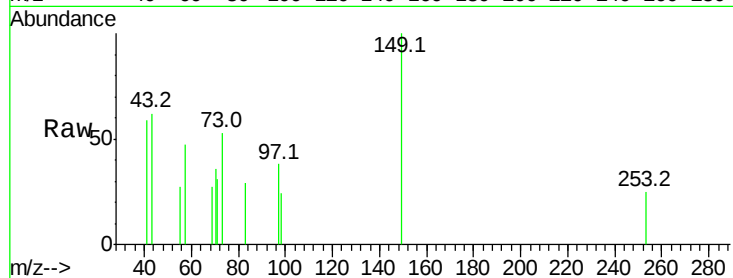
Tot Ion:149 Resp: 823

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

800

600

400

200

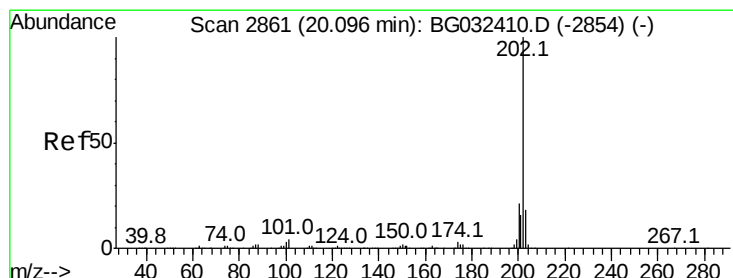
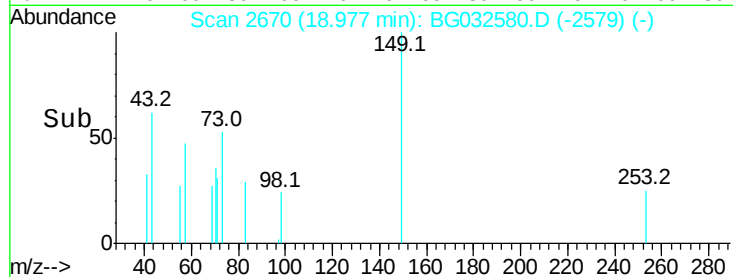
0

18.95

18.98

19.00

Time-->



#74

Fluoranthene

Concen: 0.015 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

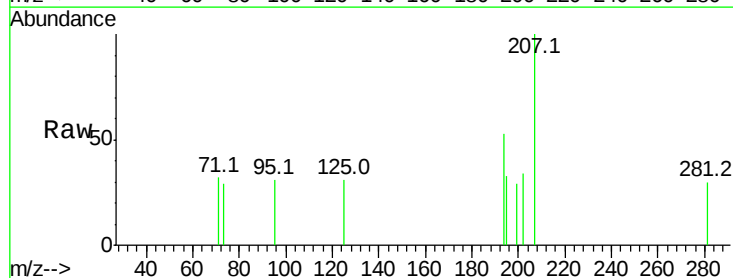
Tgt Ion:202 Resp: 184

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

250

200

150

100

50

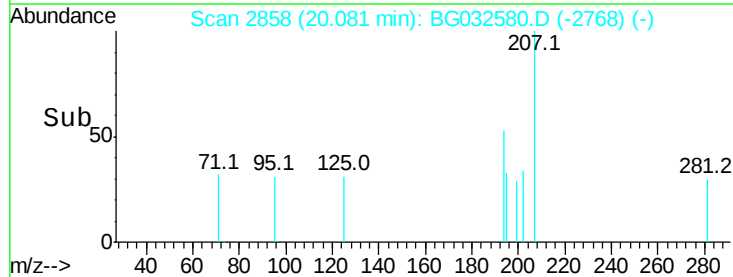
0

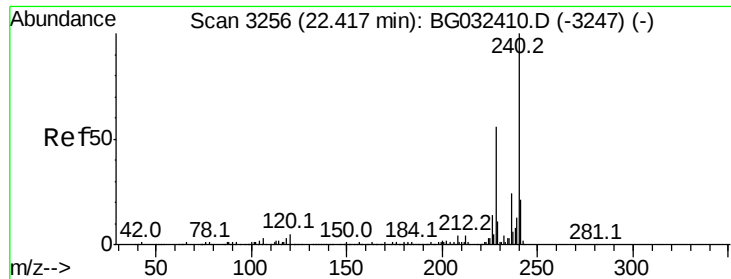
20.06

20.08

20.10

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

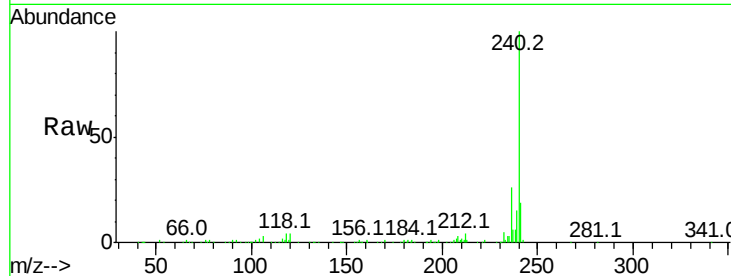
Tot Ion:240 Resp: 224271

Ion Ratio Lower Upper

240 100

120 3.6 6.8 10.2#

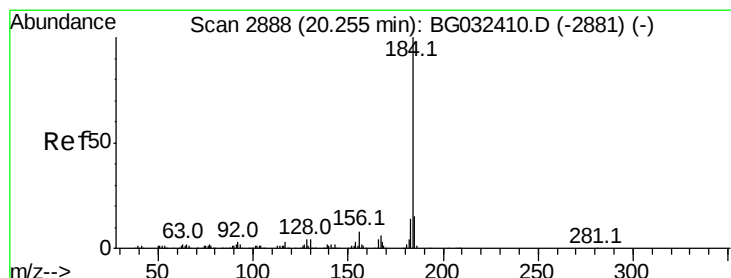
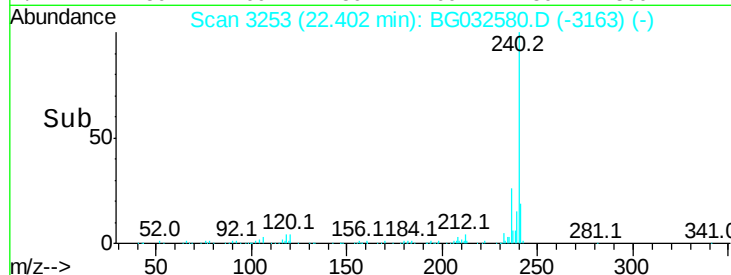
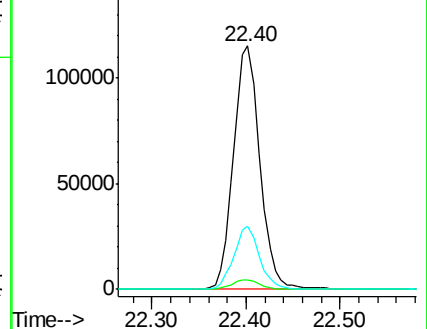
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.198 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.37 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

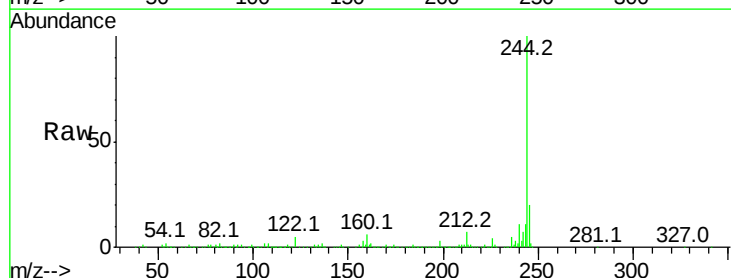
Tgt Ion:184 Resp: 9681

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

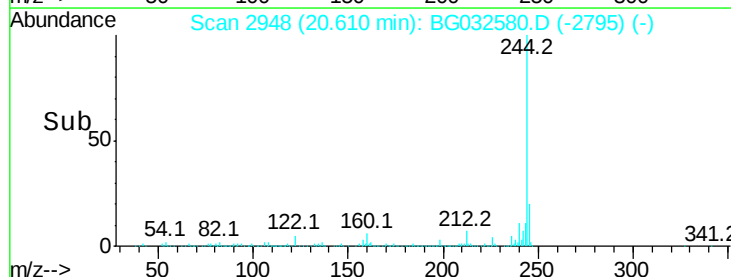
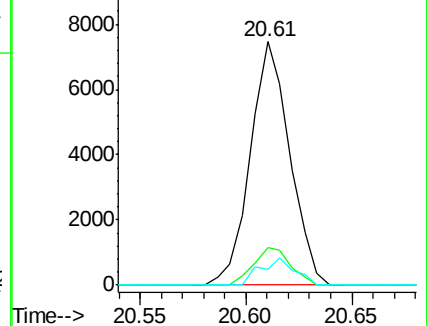
183 6.4 10.6 16.0#

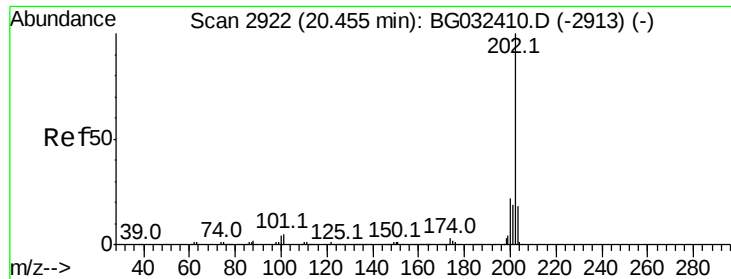


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.024 ng

RT: 20.45 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

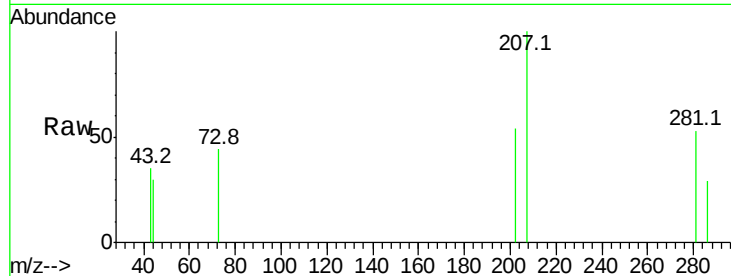
Tot Ion:202 Resp: 334

Ion Ratio Lower Upper

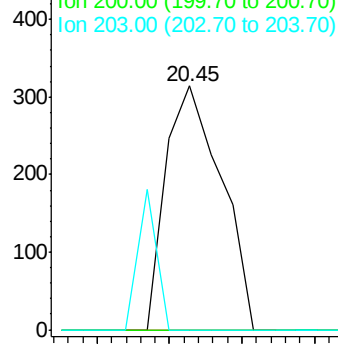
202 100

200 0.0 16.9 25.3#

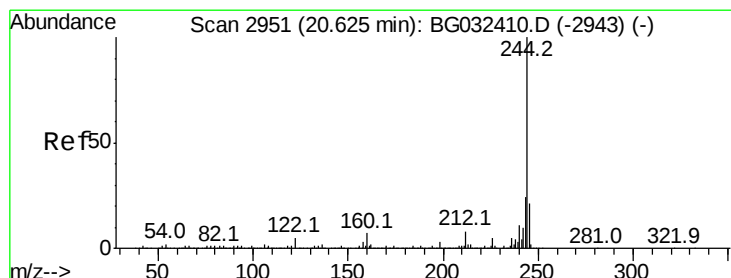
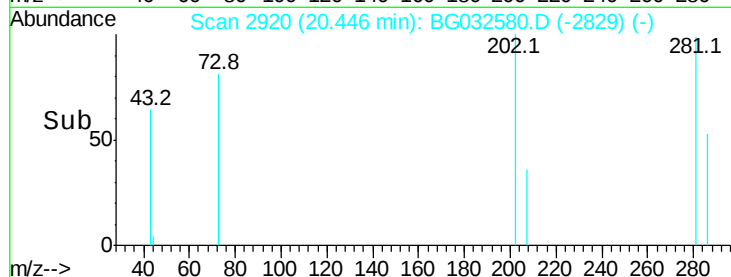
203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 67.176 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

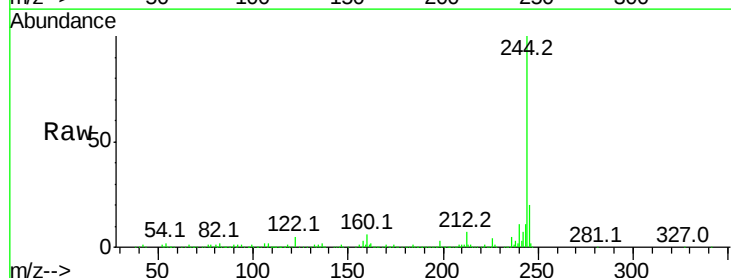
Tgt Ion:244 Resp: 703315

Ion Ratio Lower Upper

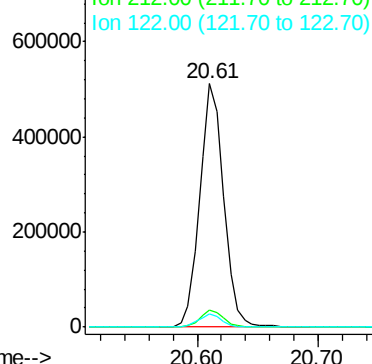
244 100

212 7.3 5.8 8.8

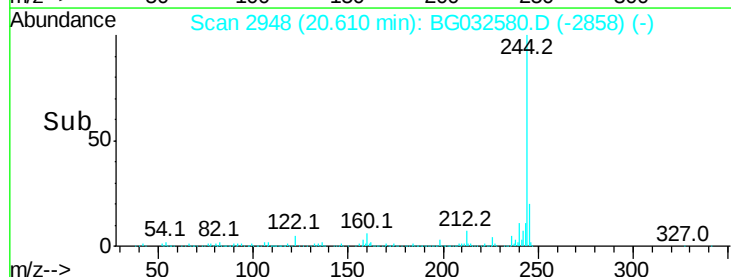
122 5.4 7.0 10.4#

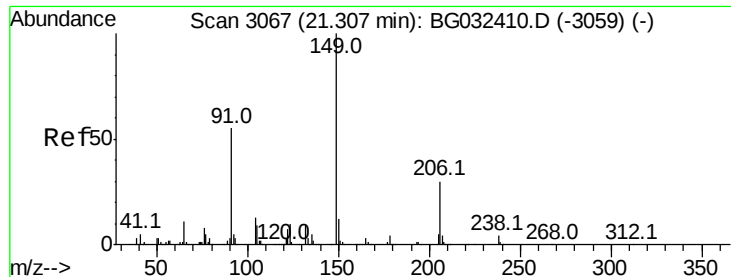


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 0.033 ng

RT: 21.30 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

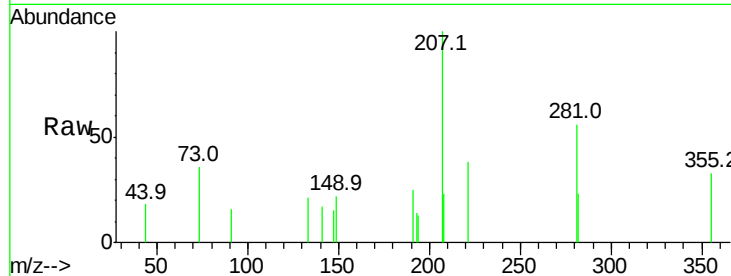
Tot Ion:149 Resp: 143

Ion Ratio Lower Upper

149 100

91 73.6 62.2 93.2

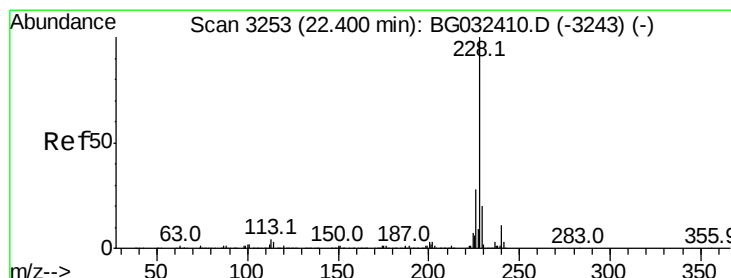
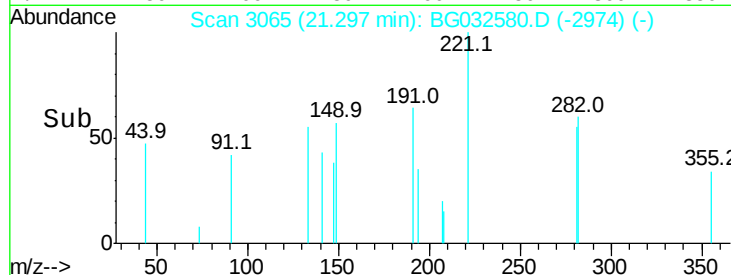
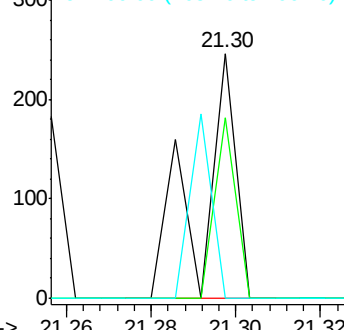
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.027 ng

RT: 22.39 min Scan# 3251

Delta R.T. 0.01 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

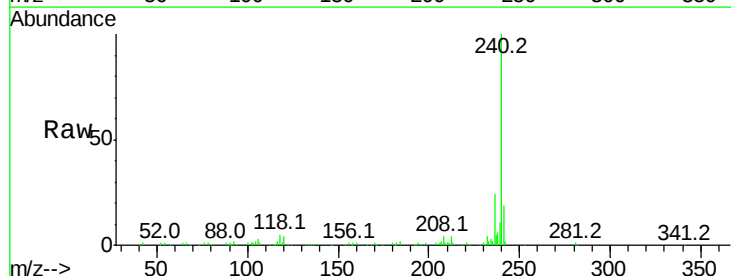
Tgt Ion:228 Resp: 378

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

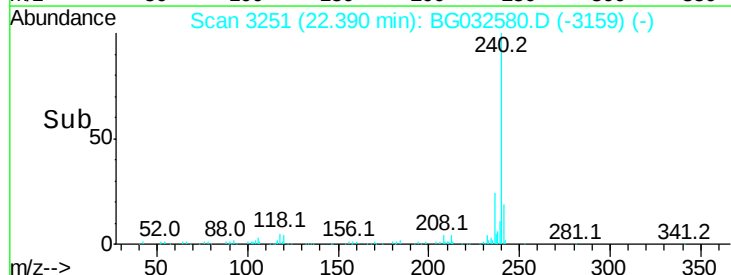
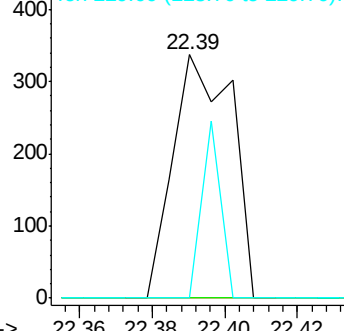
229 0.0 16.2 24.2#

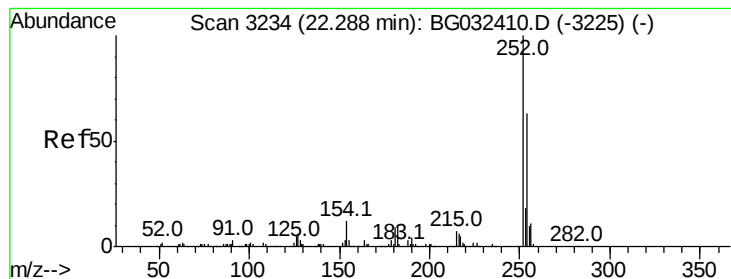


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 22.27 min Scan# 3231

Delta R.T. -0.00 min

Lab File: BG032580.D

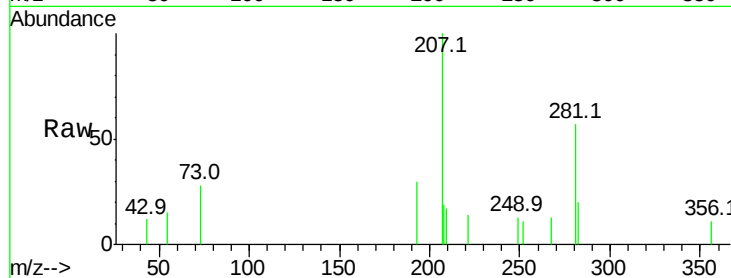
Acq: 7 Feb 2018 2:26

Instrument :

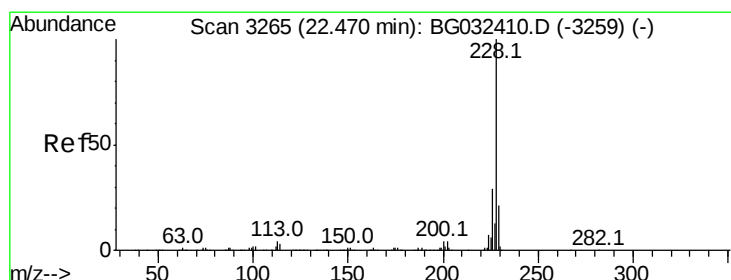
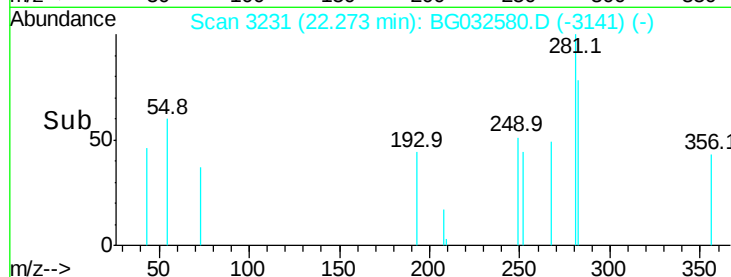
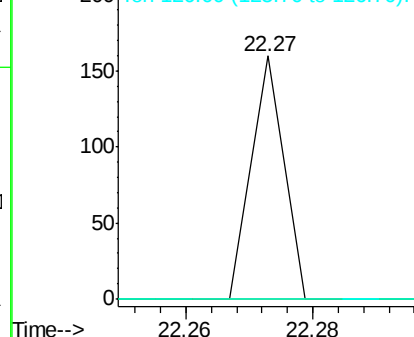
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	56
Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



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



#82

Chrysene

Concen: 0.028 ng

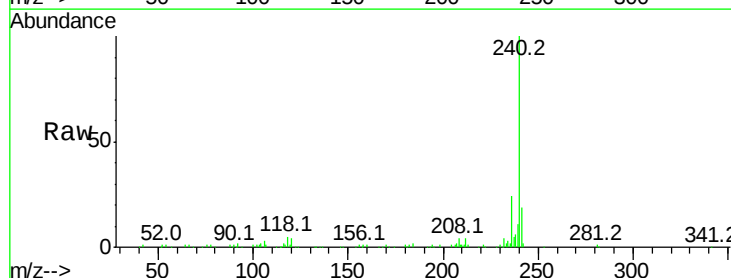
RT: 22.39 min Scan# 3251

Delta R.T. -0.06 min

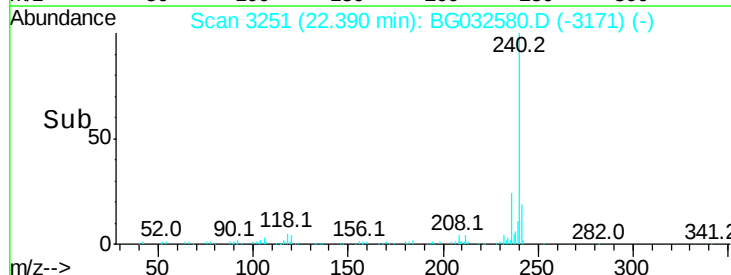
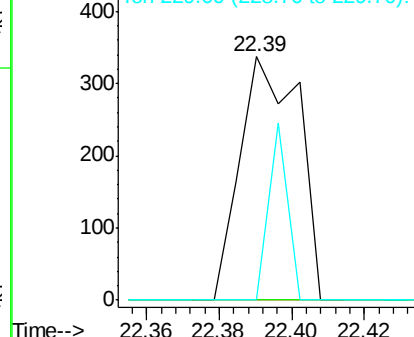
Lab File: BG032580.D

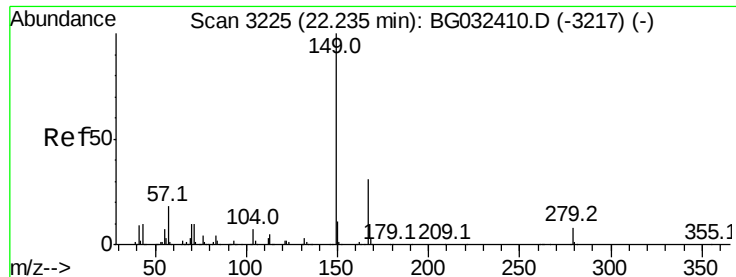
Acq: 7 Feb 2018 2:26

Tgt Ion:	228	Resp:	378
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#



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

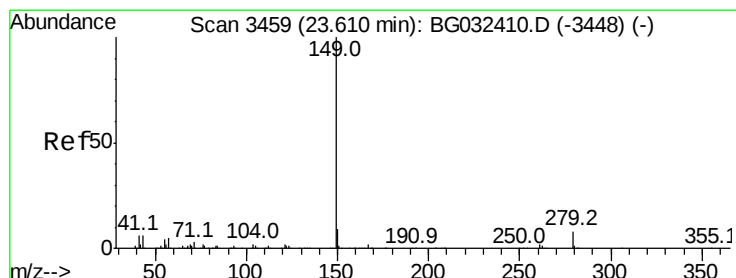
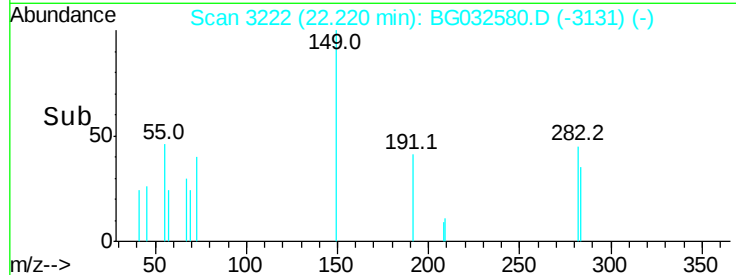
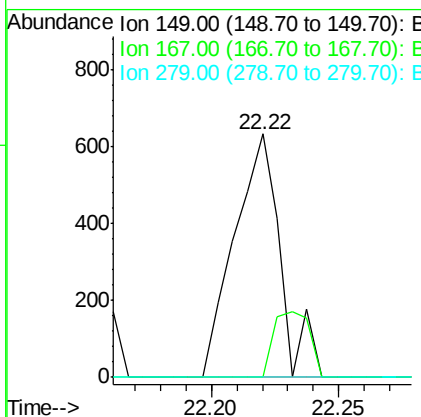
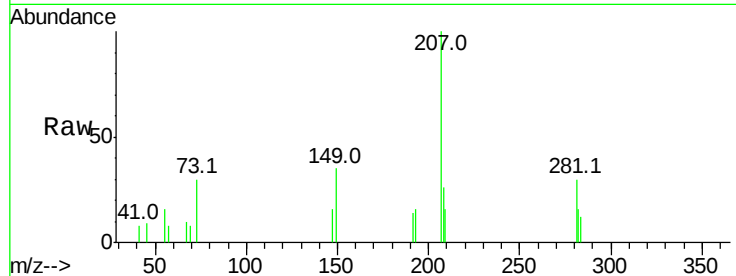




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. 0.00 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

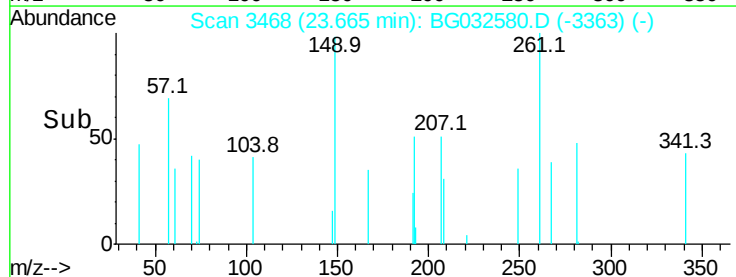
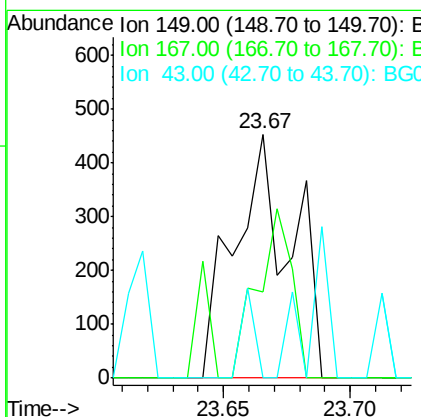
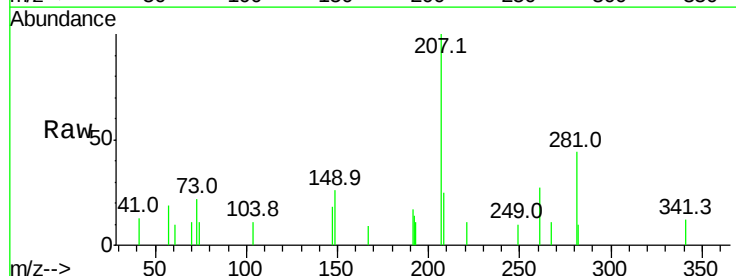
Instrument :
 BNA_G
 ClientSampleId :

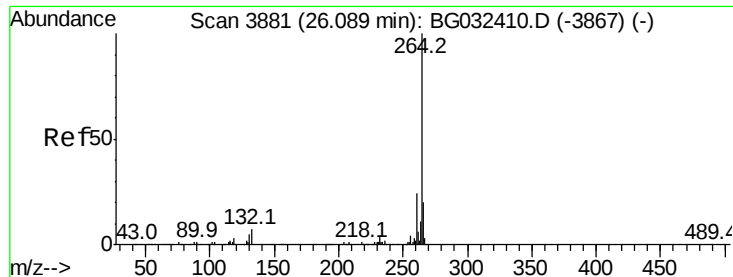
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.3	36.5#
279	0.0	4.0	6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.073 ng
 RT: 23.67 min Scan# 3468
 Delta R.T. 0.08 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	42.1	1.4	2.0#
43	8.3	8.9	13.3#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3878

Delta R.T. 0.01 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

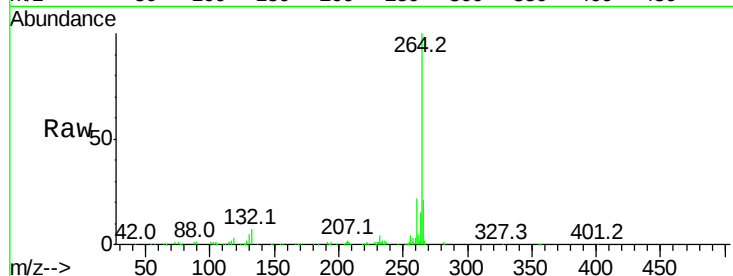
Tot Ion:264 Resp: 247508

Ion Ratio Lower Upper

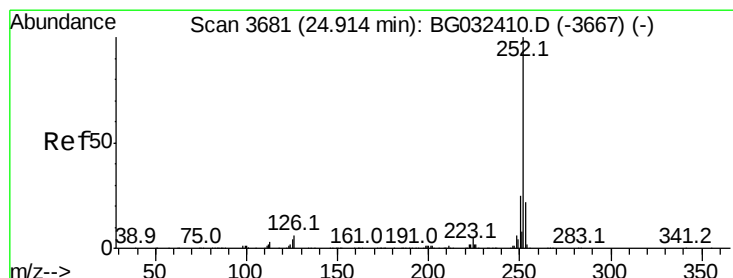
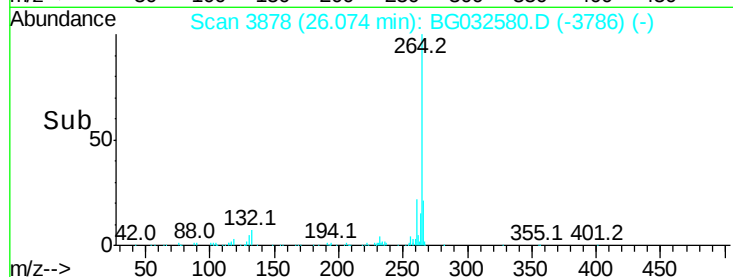
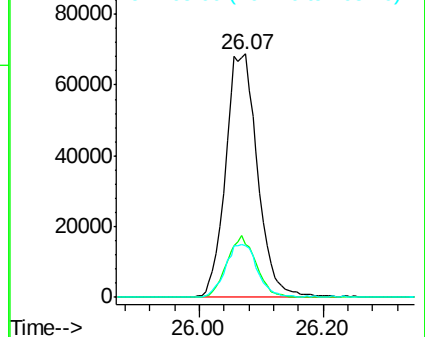
264 100

260 21.6 17.4 26.0

265 21.2 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: 0.012 ng

RT: 24.91 min Scan# 3680

Delta R.T. 0.01 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

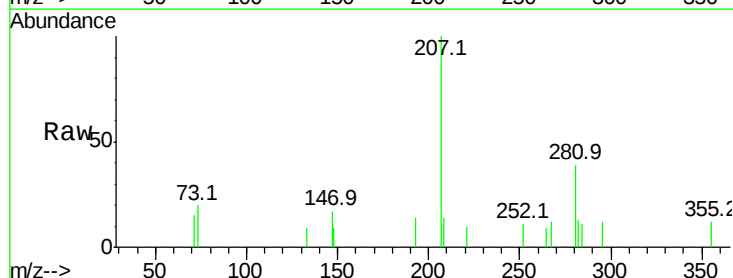
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

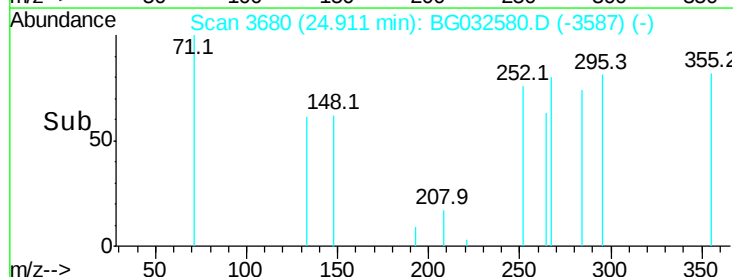
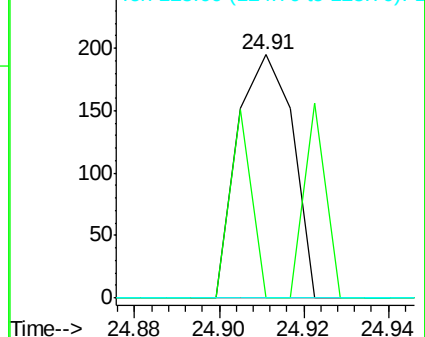
252 100

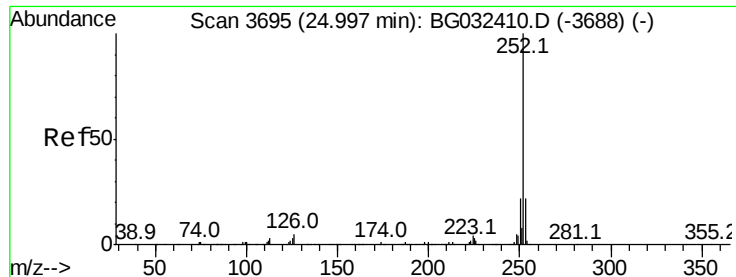
253 0.0 18.2 27.4#

125 0.0 7.2 10.8#



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





#88

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 25.01 min Scan# 3697

Delta R.T. 0.04 min

Lab File: BG032580.D

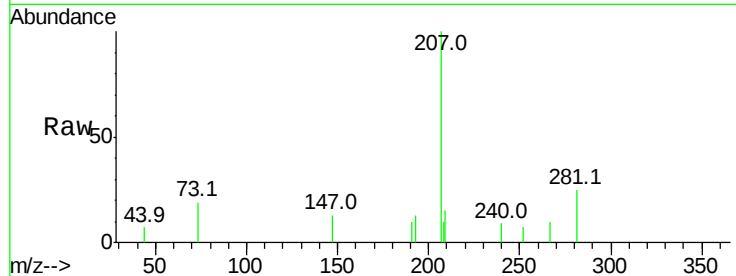
Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

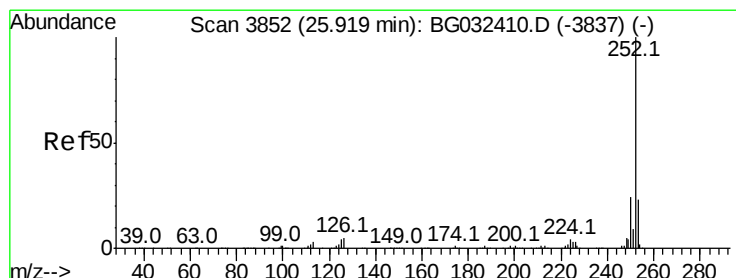
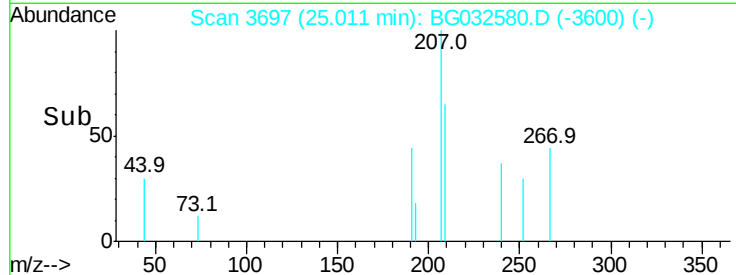
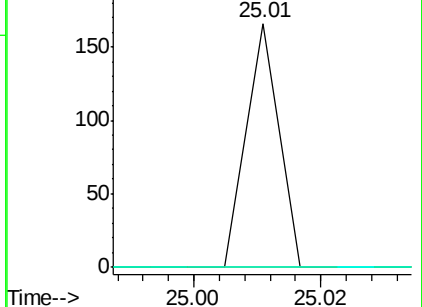
Tot Ion:252	Resp:	59
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.4 26.2#
125	0.0	6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.026 ng

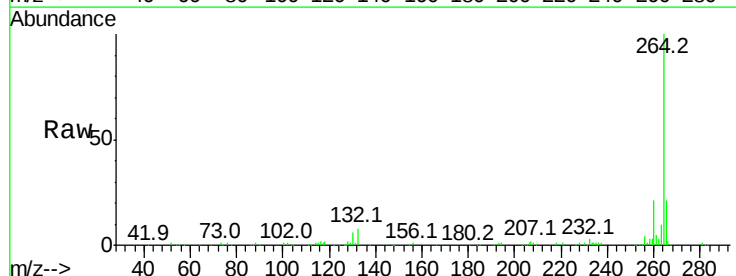
RT: 26.06 min Scan# 3875

Delta R.T. 0.15 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

Tgt Ion:252	Resp:	371
Ion Ratio	Lower	Upper
252	100	
253	0.0	18.3 27.5#
125	0.0	7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

