

Data Path : Z:\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 :
 SB-01

Quant Time: Feb 07 05:31:27 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
11) bis(2-Chloroethyl)ether	8.23	93	54	0.053	ng	# 1
15) Benzyl Alcohol	9.04	79	1647	1.425	ng	# 28
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
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
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
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

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Response via : Initial Calibration

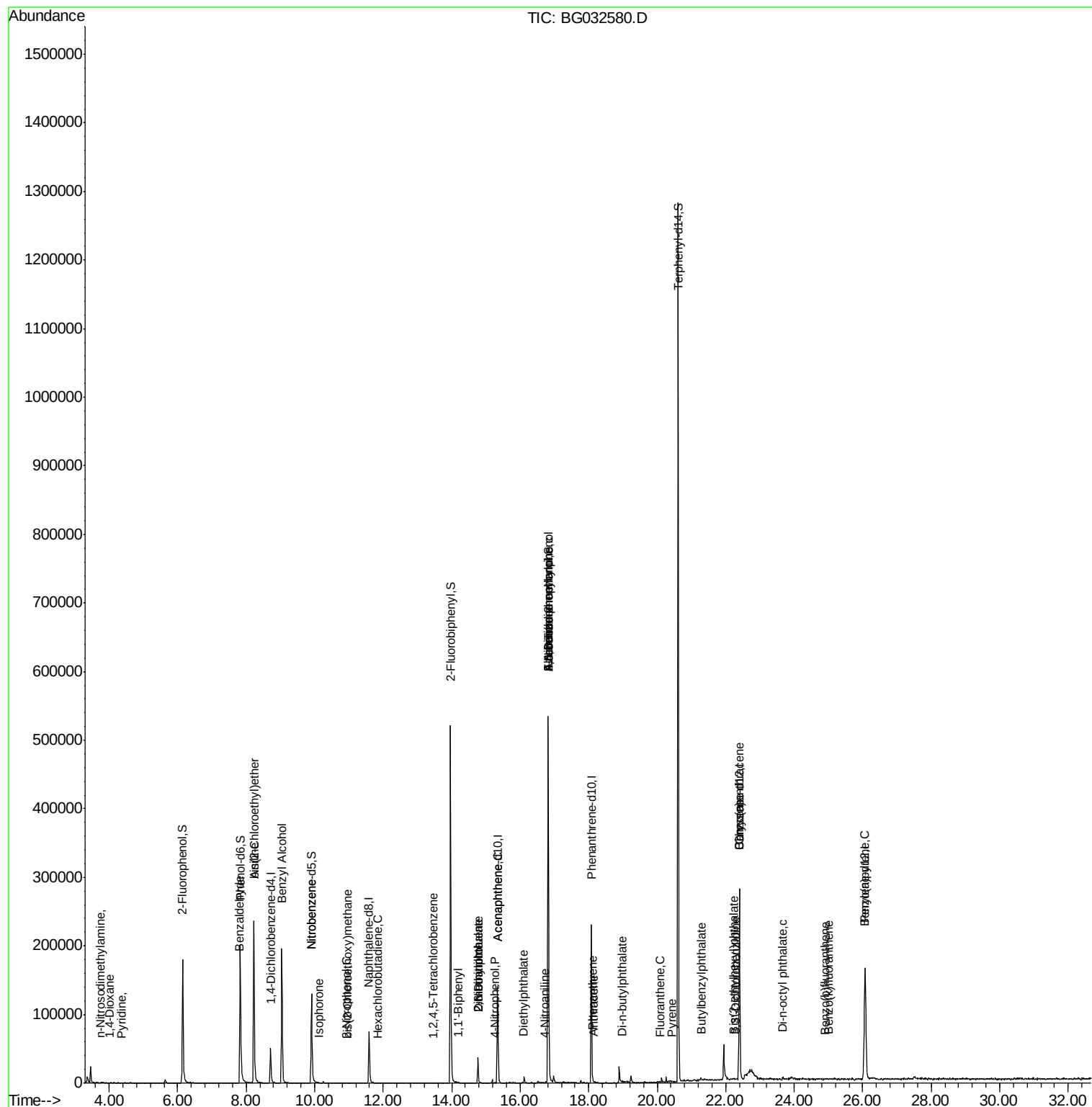
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	22.22	149	797	0.130	ng	# 50
84) Di-n-octyl phthalate	23.67	149	708	0.073	ng	# 79
87) Benzo(b)fluoranthene	24.91	252	176	0.012	ng	# 59
88) Benzo(k)fluoranthene	25.01	252	59	0.004	ng	# 60
89) Benzo(a)pyrene	26.06	252	371	0.026	ng	# 59

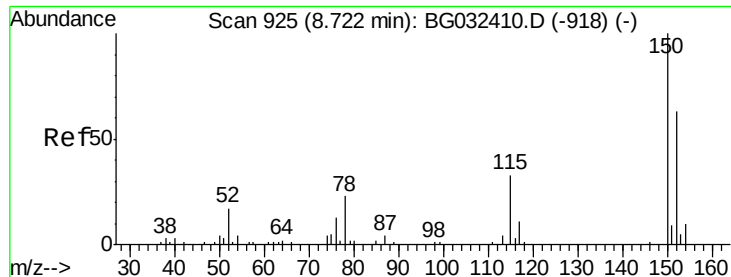
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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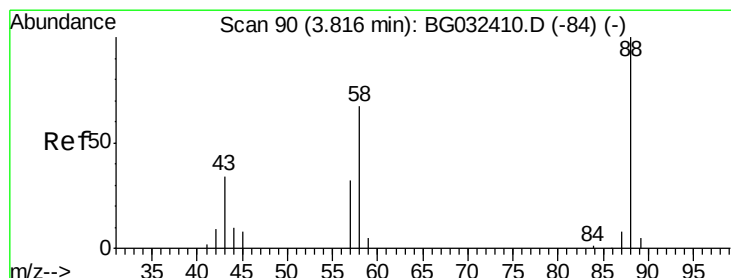
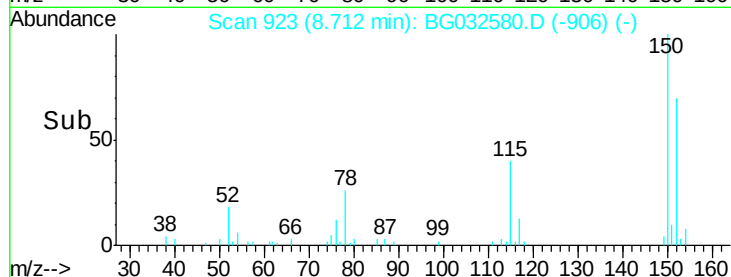
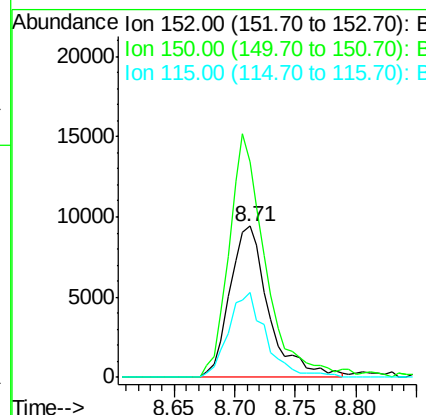
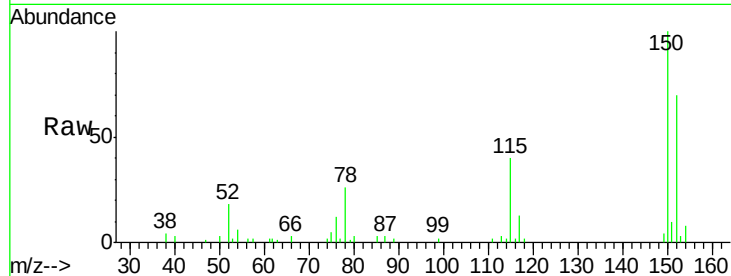


#1

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 :
SB-01

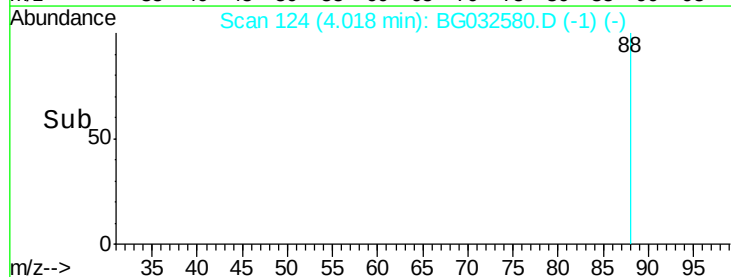
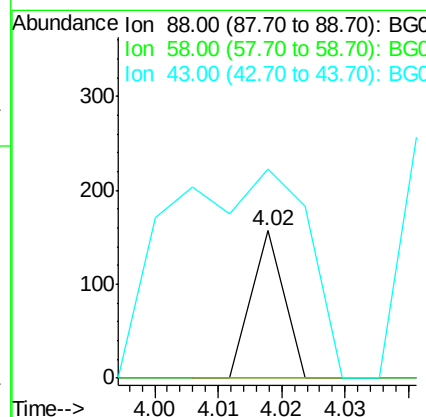
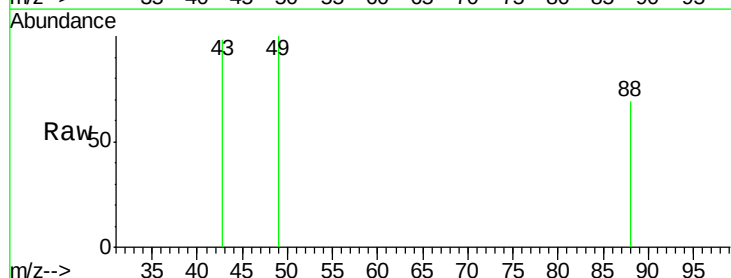
Tot Ion:152 Resp: 21108
Ion Ratio Lower Upper
152 100
150 142.4 126.6 189.8
115 56.4 53.0 79.4

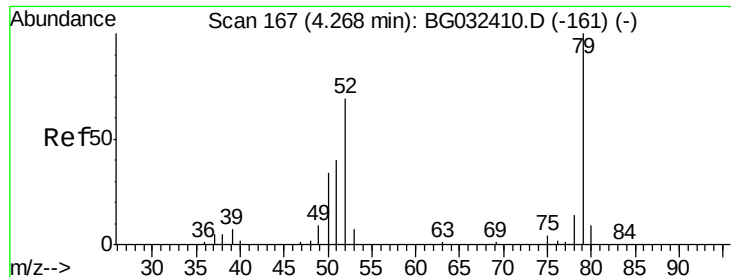


#2

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#





#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 :

SB-01

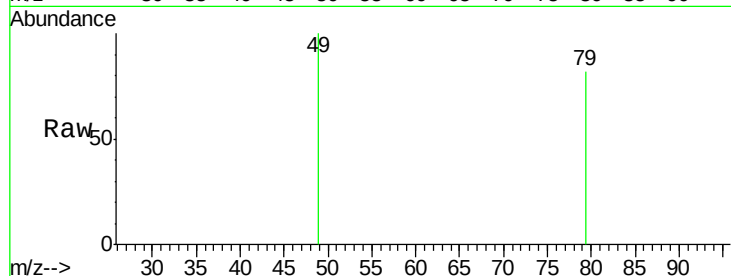
Tot Ion: 79 Resp: 61

Ion Ratio Lower Upper

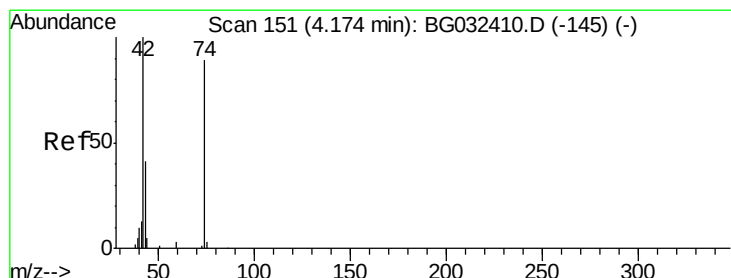
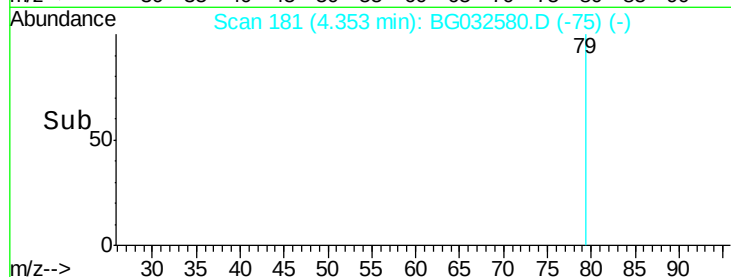
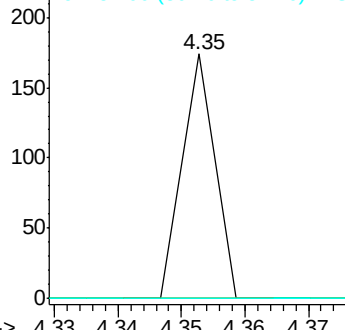
79 100

52 0.0 69.9 104.9#

51 0.0 34.0 51.0#



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: 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

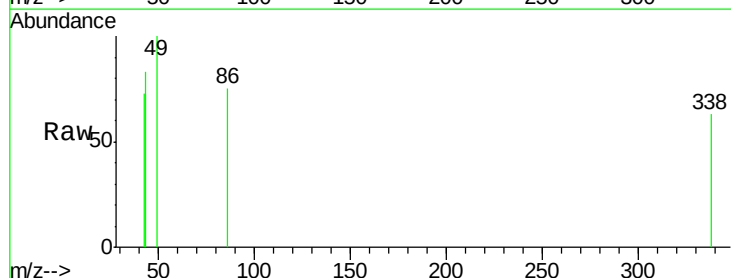
Tgt Ion: 42 Resp: 65

Ion Ratio Lower Upper

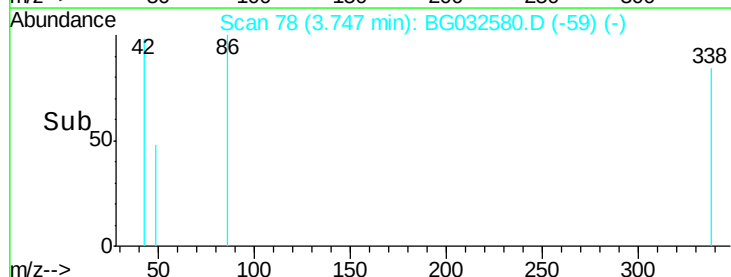
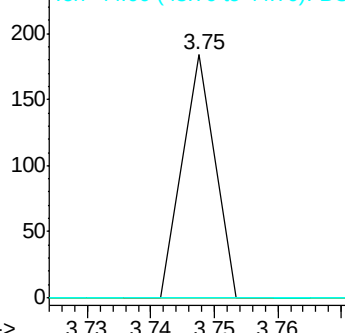
42 100

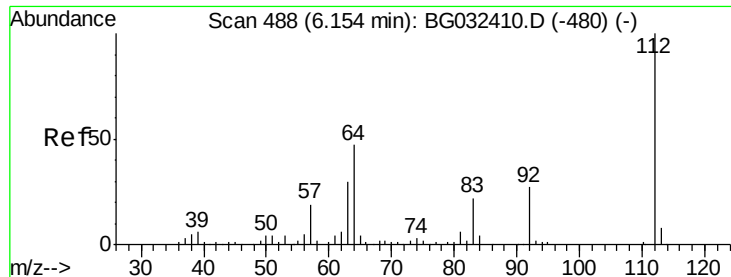
74 0.0 102.5 153.7#

44 0.0 18.9 28.3#



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: 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 :

SB-01

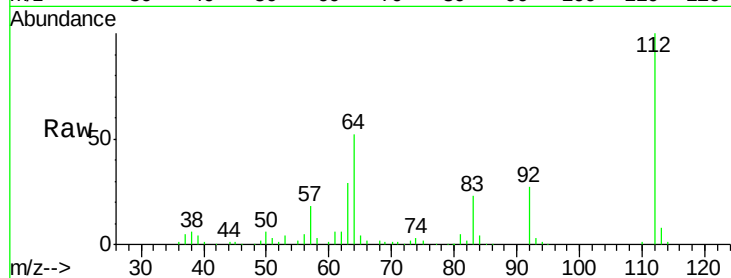
Tot Ion:112 Resp: 103610

Ion Ratio Lower Upper

112 100

64 52.5 56.3 84.5#

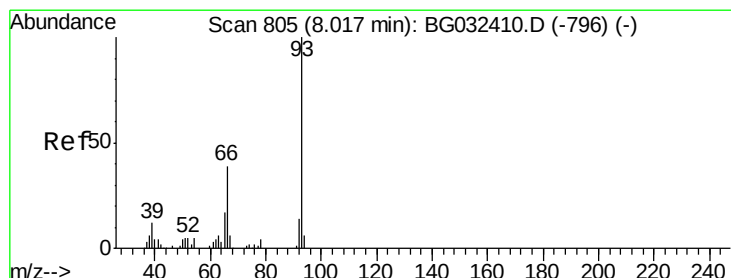
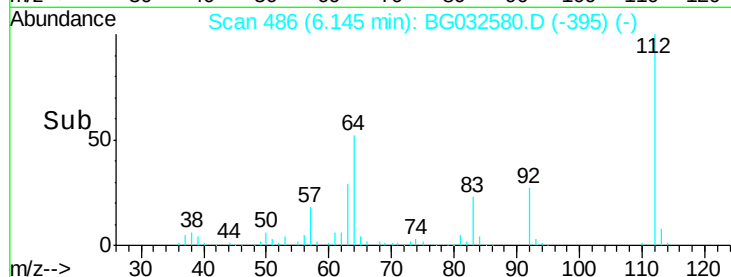
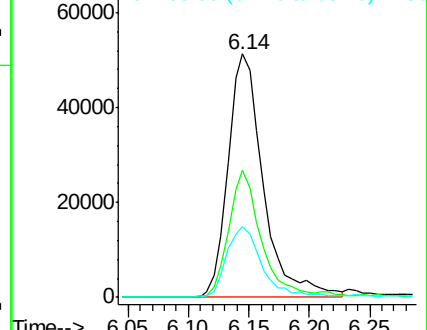
63 28.9 30.1 45.1#



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

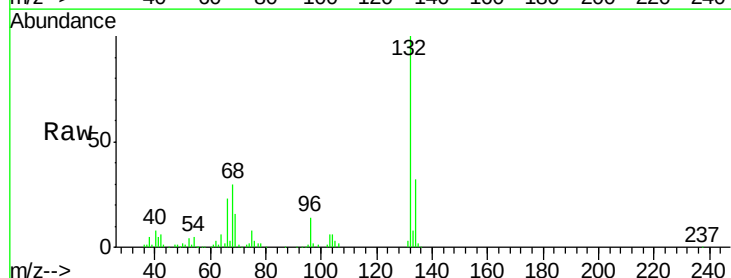
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

66 9479.6 33.7 50.5#

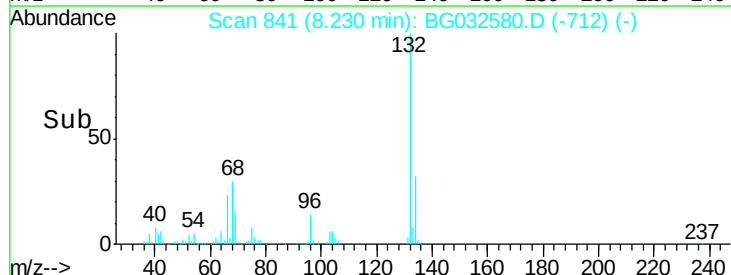
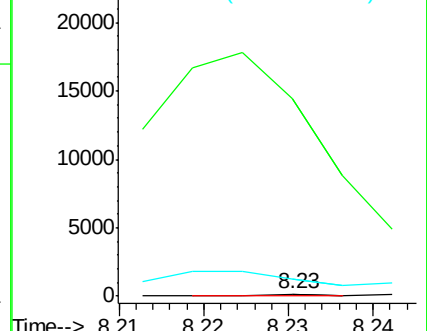
65 834.2 16.1 24.1#

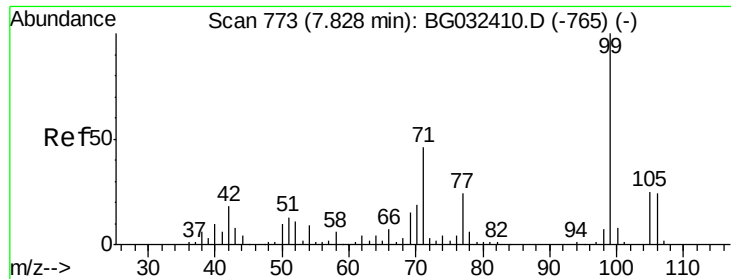


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

SB-01

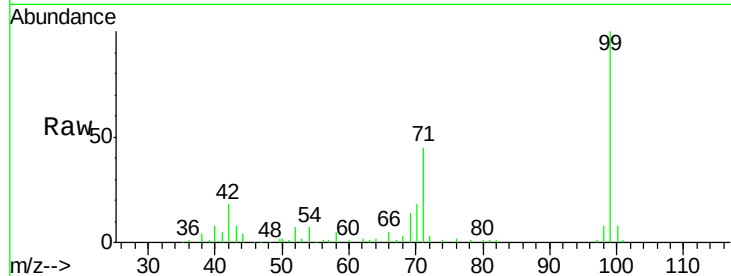
Tot Ion: 99 Resp: 151498

Ion Ratio Lower Upper

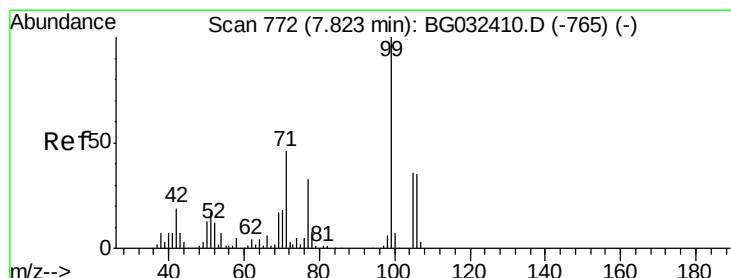
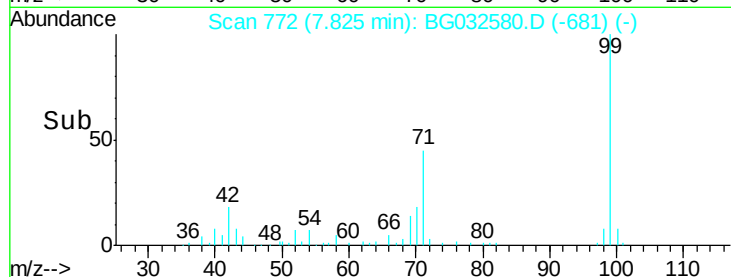
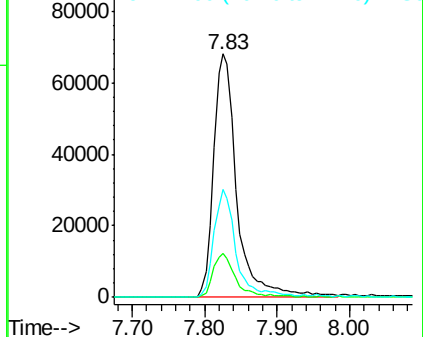
99 100

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

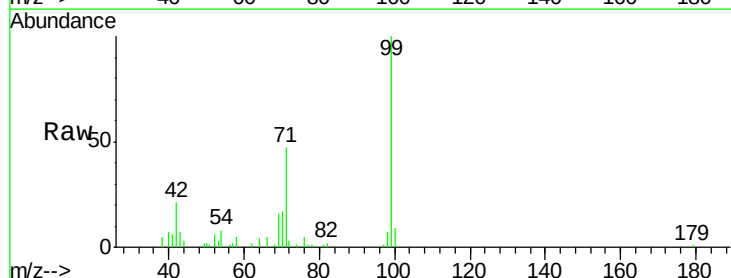
Tgt Ion: 77 Resp: 73

Ion Ratio Lower Upper

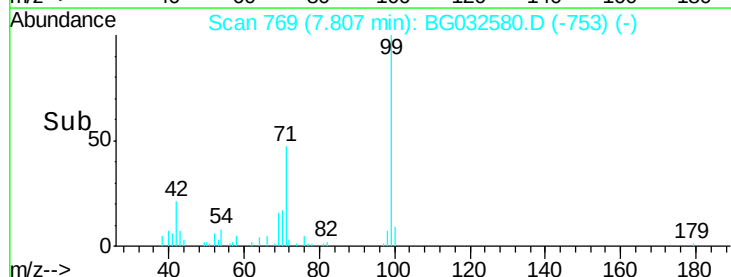
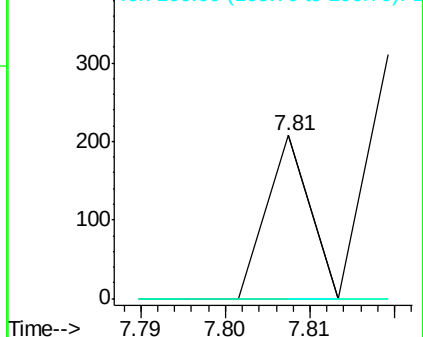
77 100

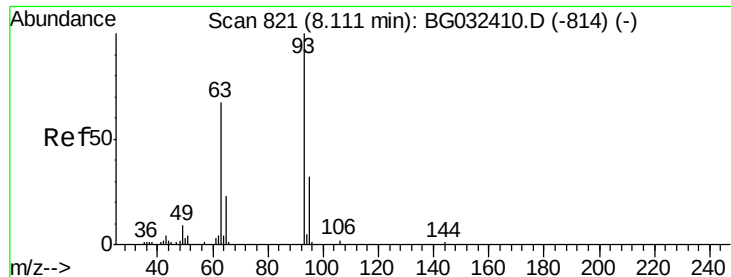
105 0.0 71.3 111.3#

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

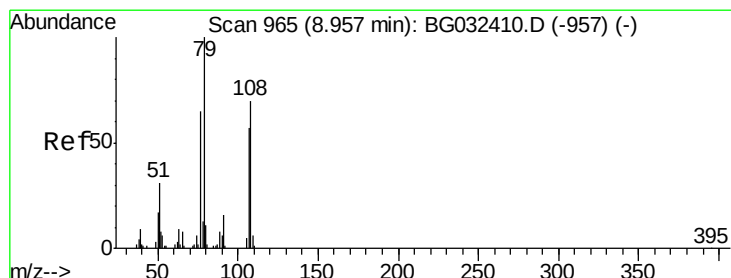
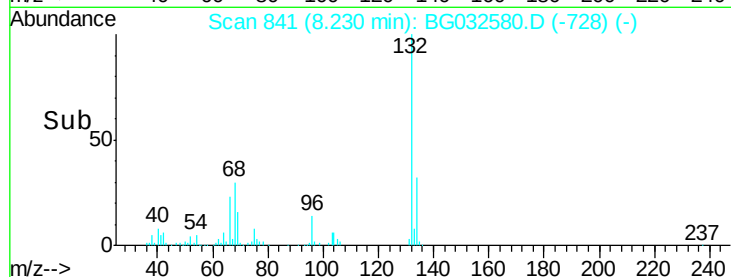
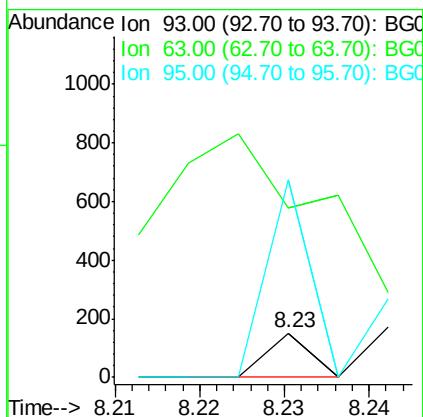
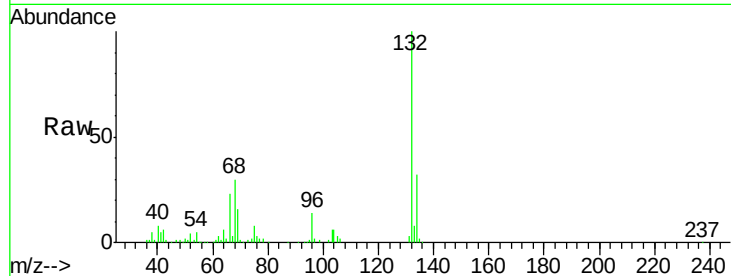




#11
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 8.23 min Scan# 841
Delta R.T. 0.13 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

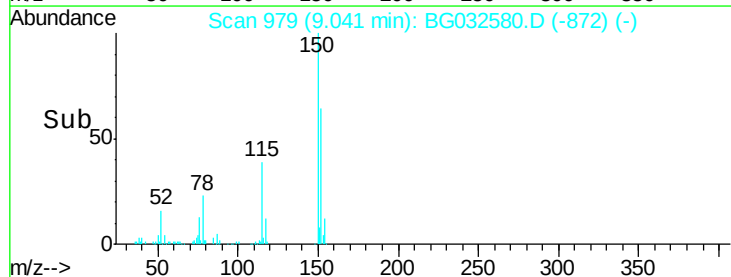
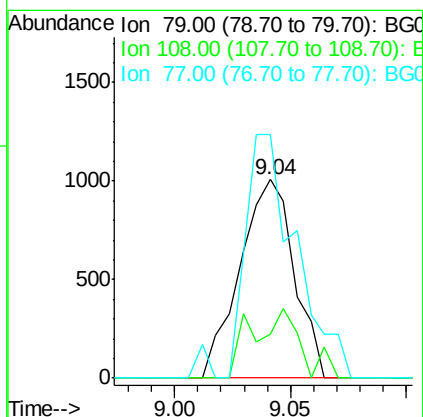
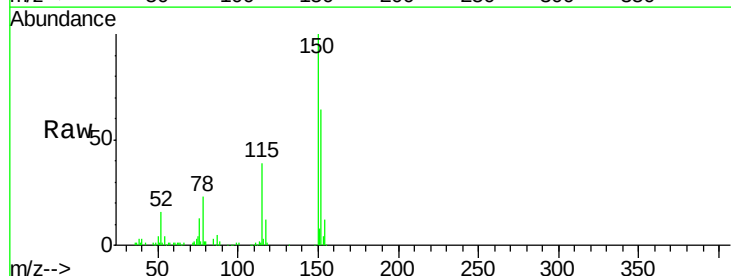
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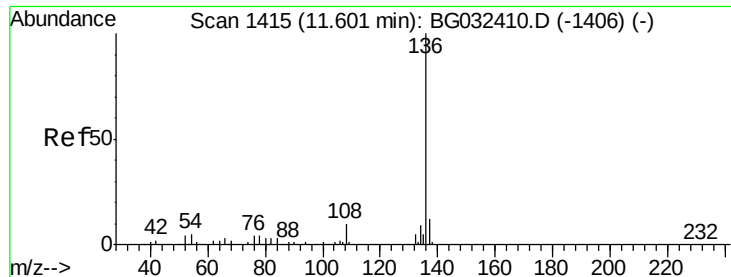
Tot Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
63 380.3 67.1 107.1#
95 442.1 11.5 51.5#



#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

Tgt Ion: 79 Resp: 1647
Ion Ratio Lower Upper
79 100
108 21.9 57.2 85.8#
77 122.7 46.1 69.1#





#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

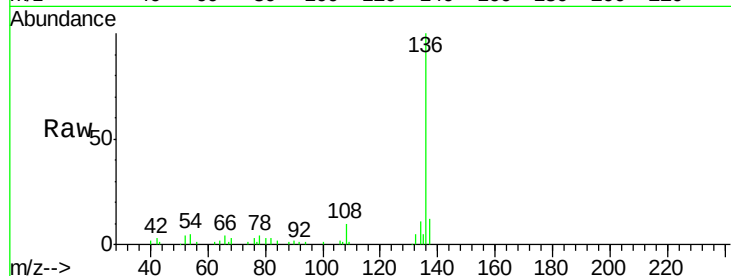
Instrument :

BNA_G

ClientSampleId :

SB-01

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#

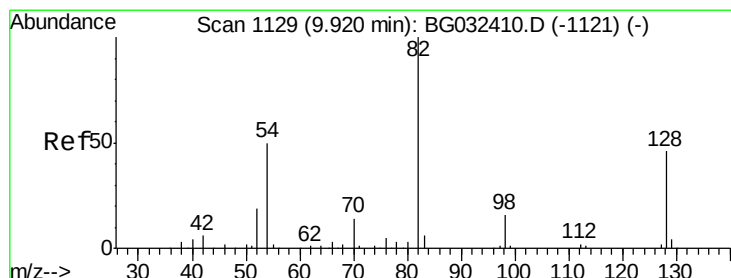
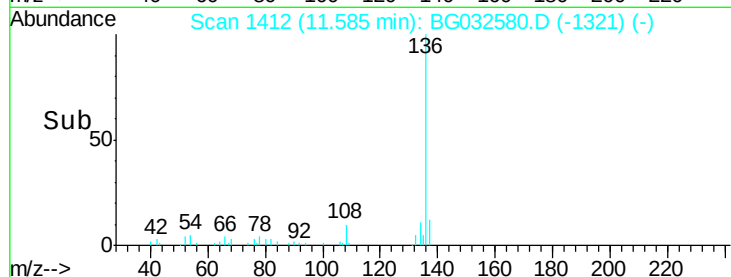
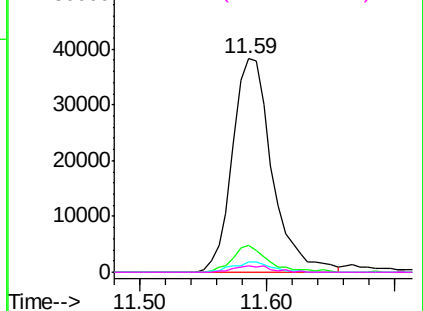


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 69.212 ng

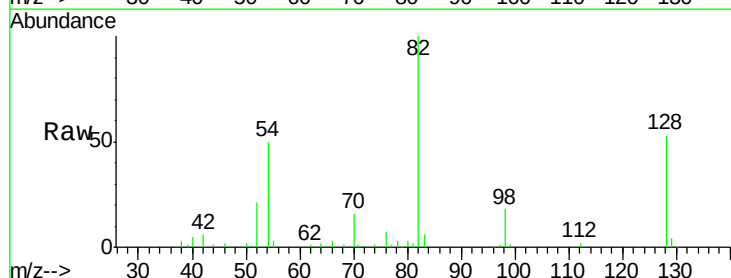
RT: 9.90 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

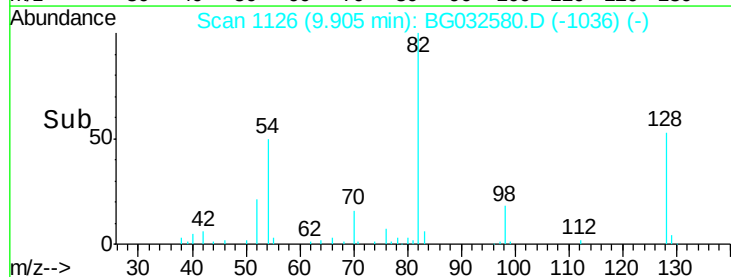
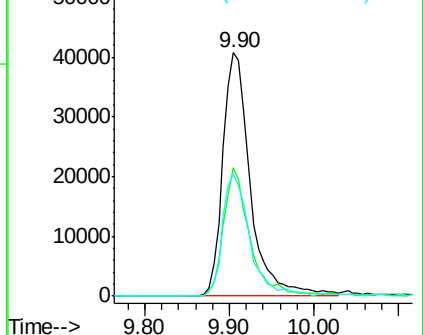
Tgt Ion:	82	Resp:	92013
Ion	Ratio	Lower	Upper
82	100		
128	52.8	29.7	44.5#
54	50.3	43.1	64.7

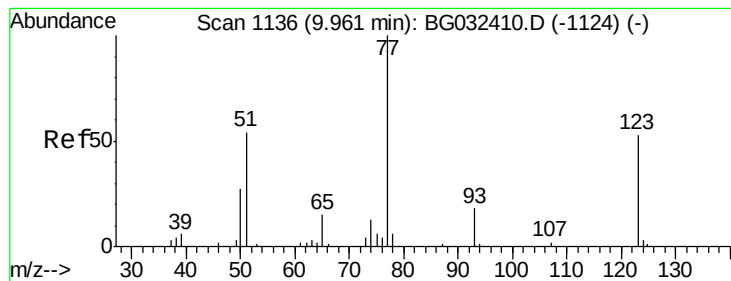


Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#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 :

SB-01

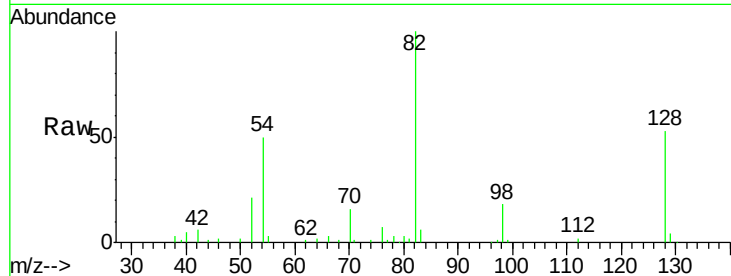
Tot Ion: 77 Resp: 272

Ion Ratio Lower Upper

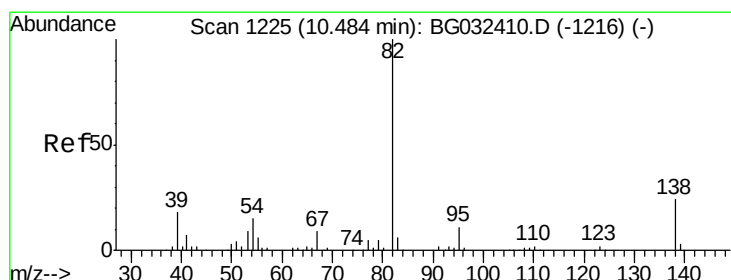
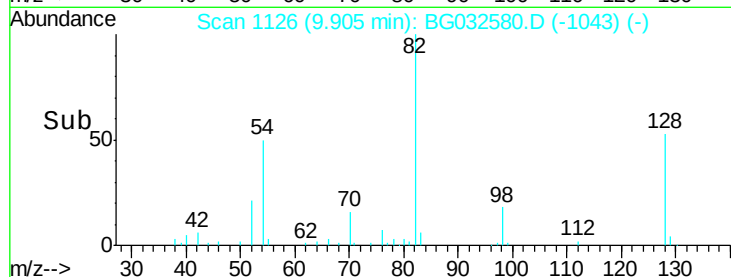
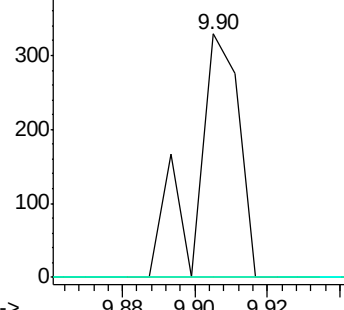
77 100

123 0.0 33.0 49.6#

65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#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

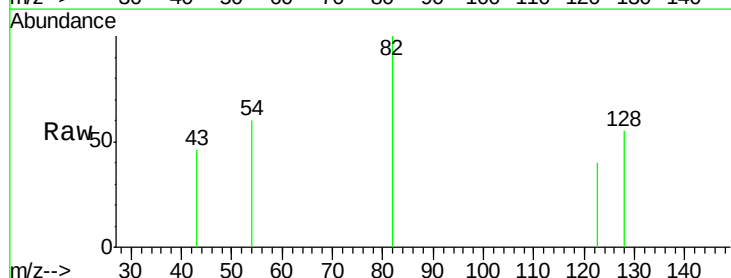
Tgt Ion: 82 Resp: 627

Ion Ratio Lower Upper

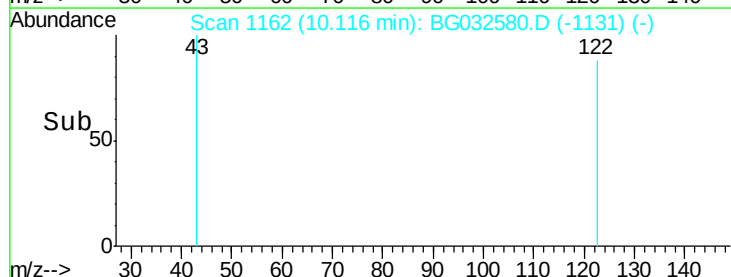
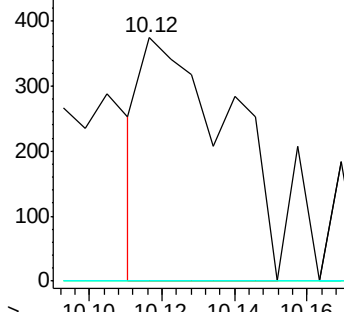
82 100

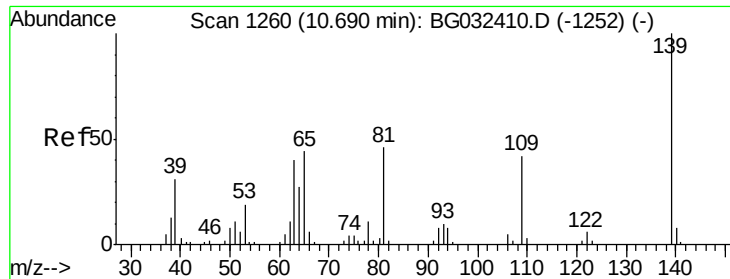
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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: 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

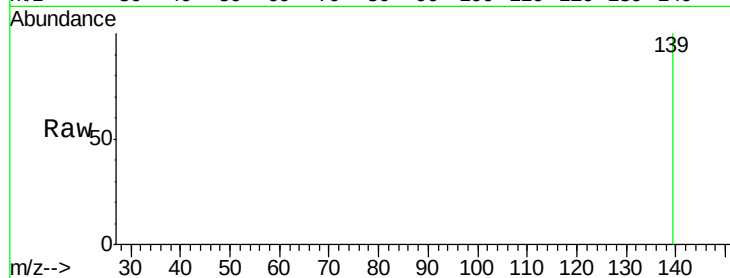
Instrument :

BNA_G

ClientSampled :

SB-01

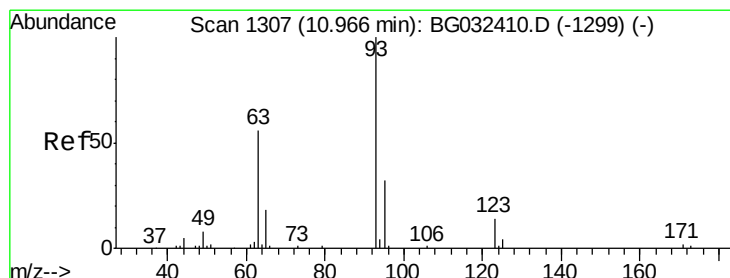
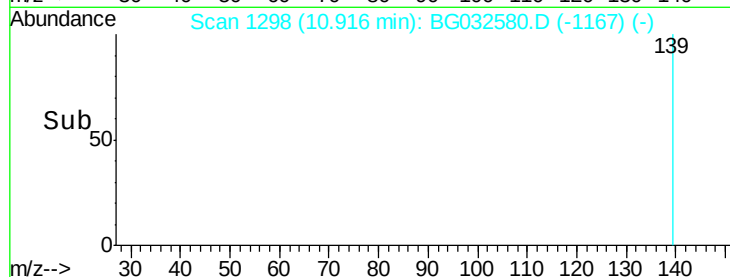
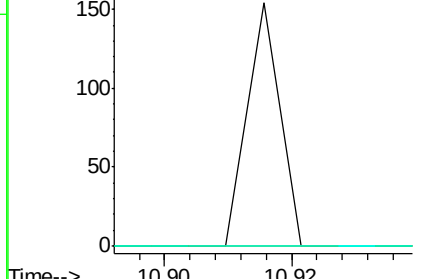
Tot Ion:	139	Resp:	54
Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#



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): BGC



#28

bis(2-Chloroethoxy)methane

Concen: 0.044 ng

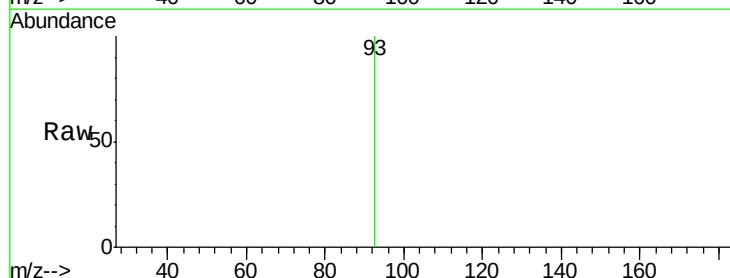
RT: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

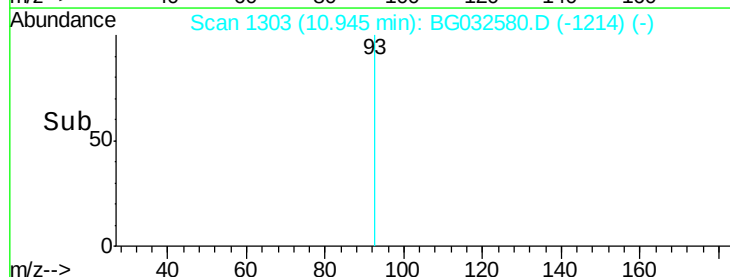
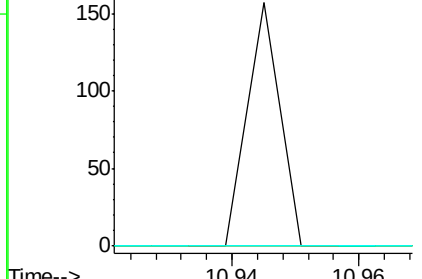
Tgt Ion:	93	Resp:	55
Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

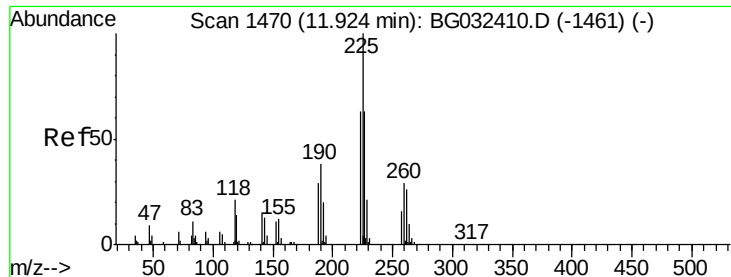


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#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 :

SB-01

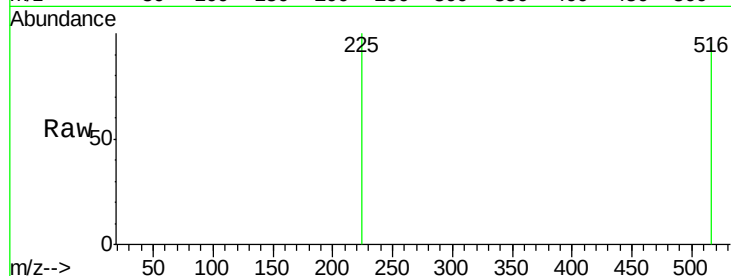
Tot Ion:225 Resp: 58

Ion Ratio Lower Upper

225 100

223 0.0 49.7 74.5#

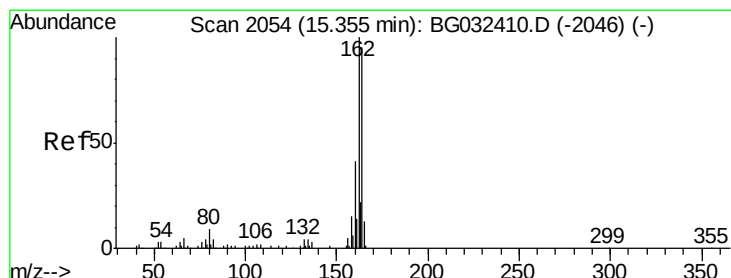
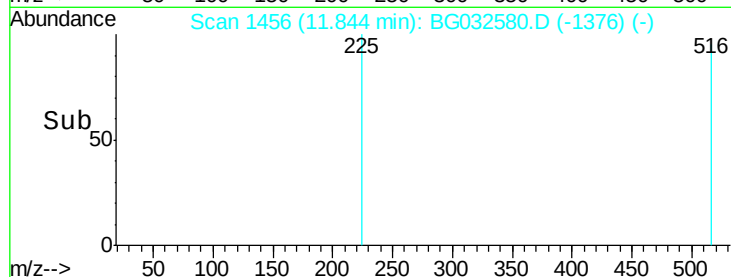
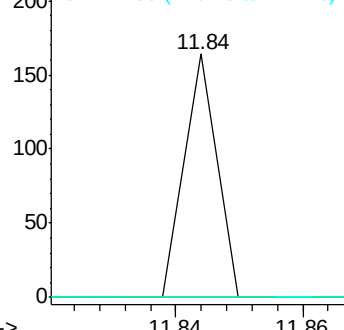
227 0.0 48.1 72.1#



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



#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

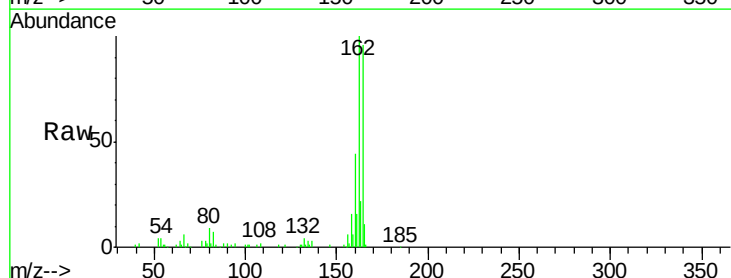
Tgt Ion:164 Resp: 61948

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

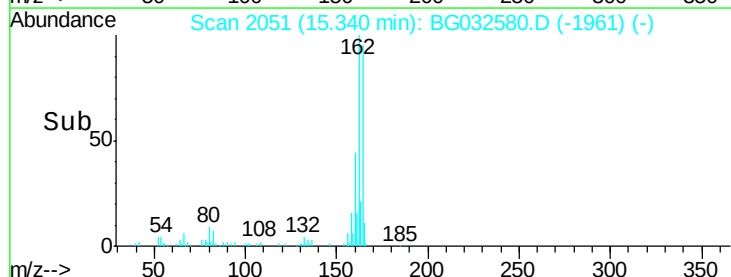
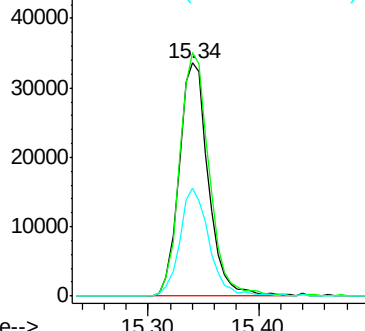
160 46.3 35.4 53.0

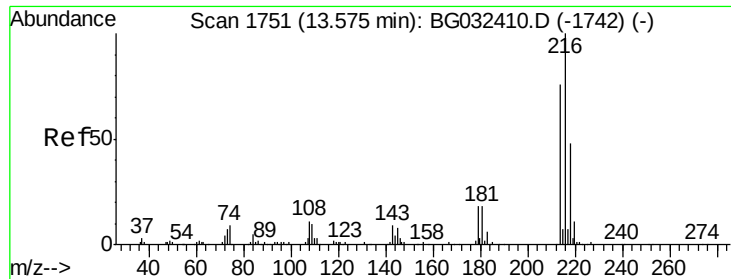


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#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

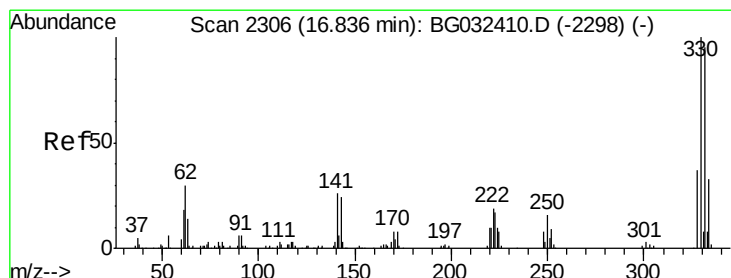
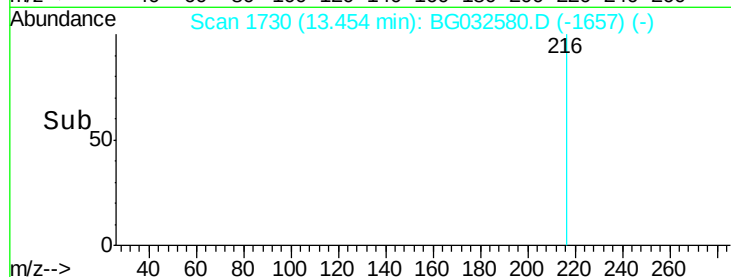
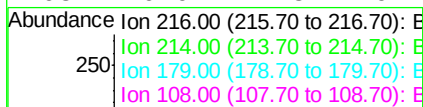
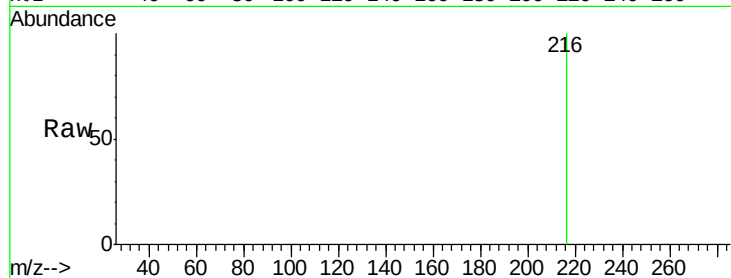
Instrument :

BNA_G

ClientSampled :

SB-01

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#



#41

2,4,6-Tribromophenol

Concen: 121.396 ng

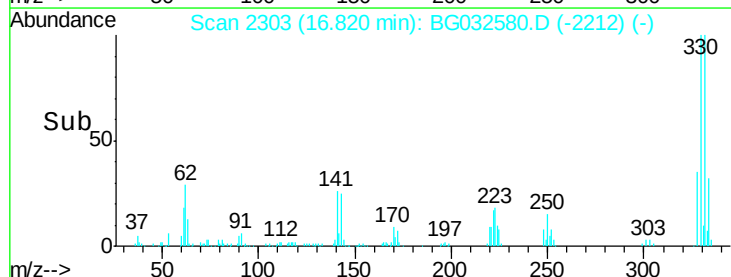
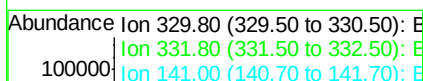
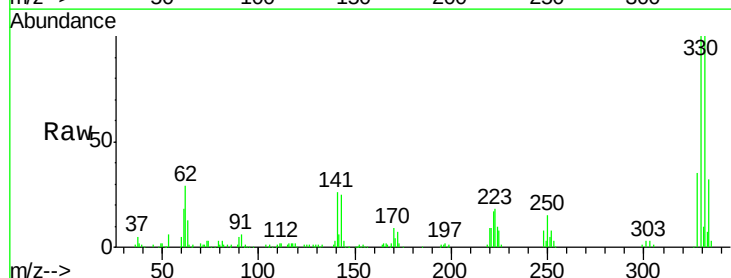
RT: 16.82 min Scan# 2303

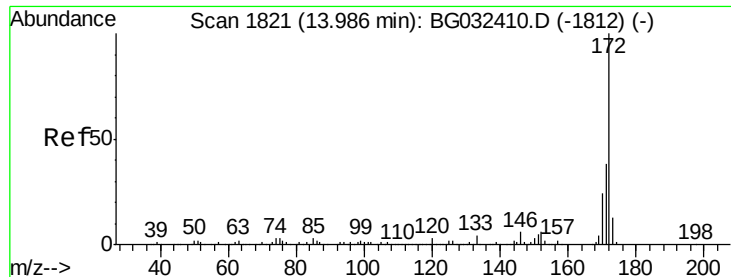
Delta R.T. 0.00 min

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

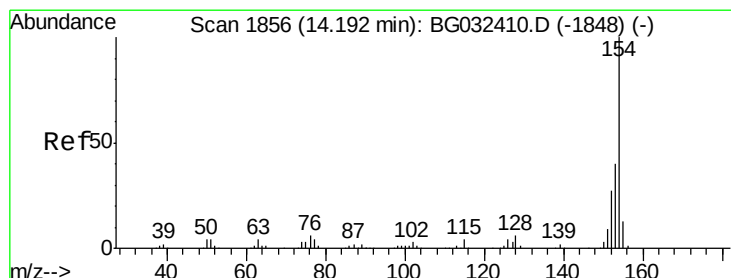
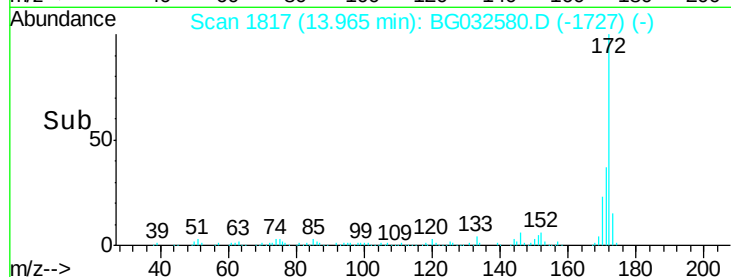
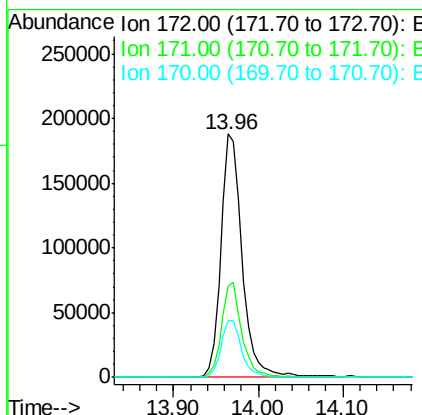
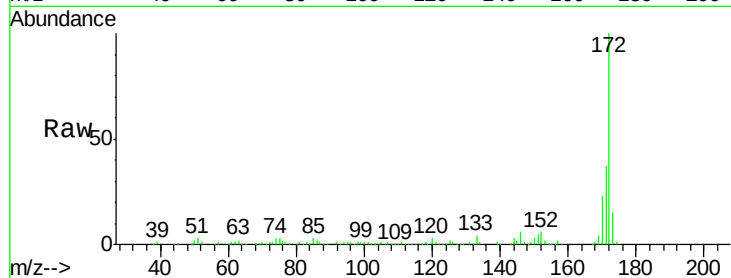




#44
2-Fluorobiphenyl
Concen: 62.881 ng
RT: 13.96 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

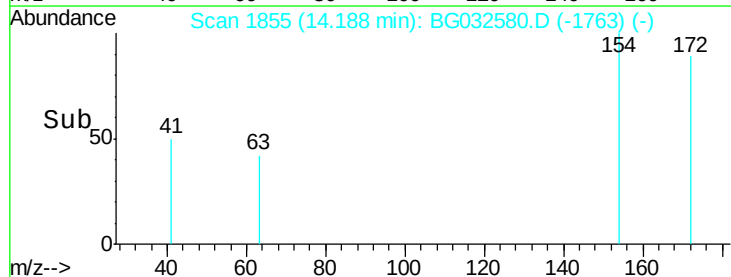
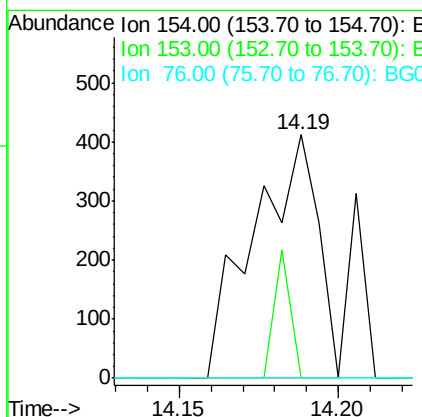
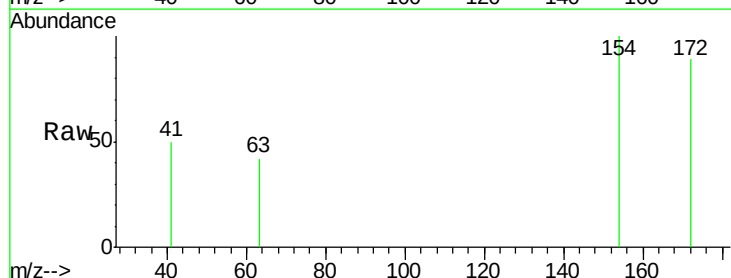
Instrument :
BNA_G
ClientSampleId :
SB-01

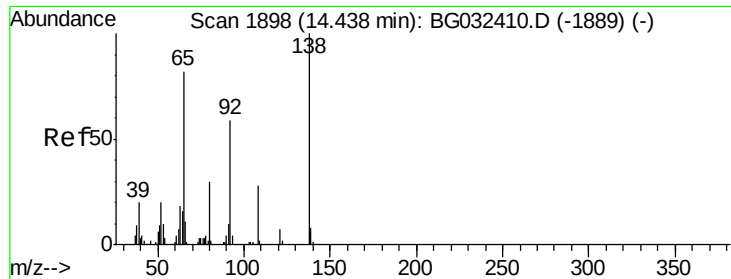
Tot Ion:172 Resp: 327735
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.5 19.5 29.3



#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

ClientSampled :

SB-01

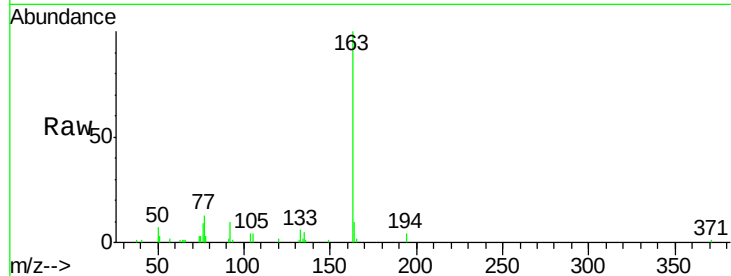
Tot Ion: 65 Resp: 120

Ion Ratio Lower Upper

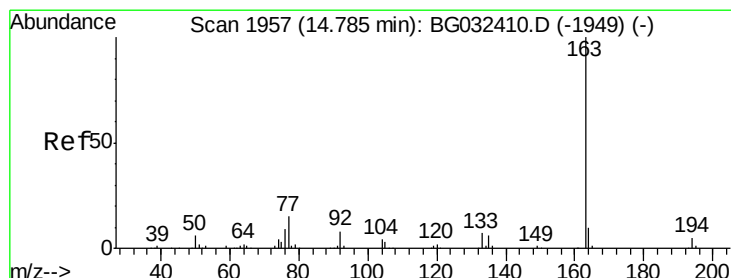
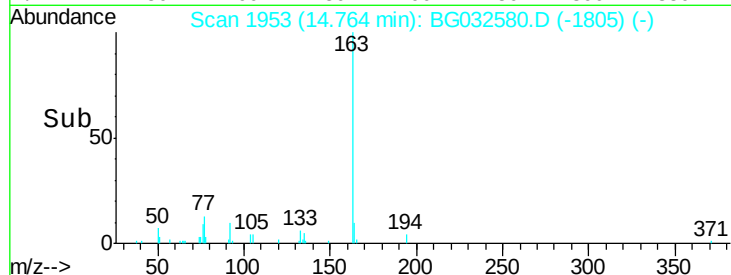
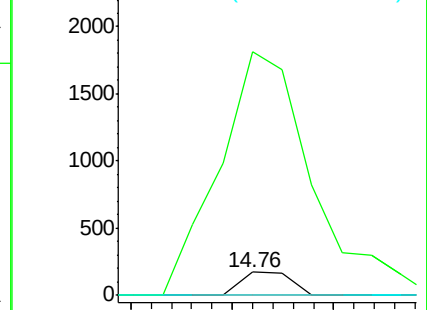
65 100

92 1054.1 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#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

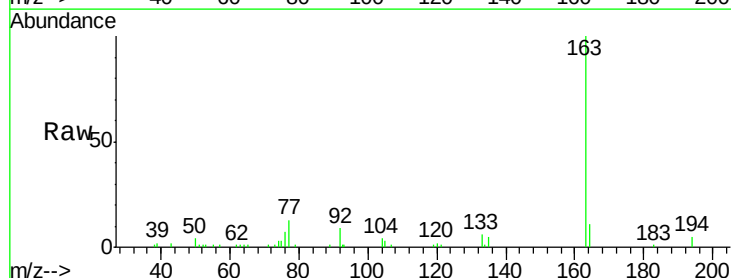
Tgt Ion: 163 Resp: 30479

Ion Ratio Lower Upper

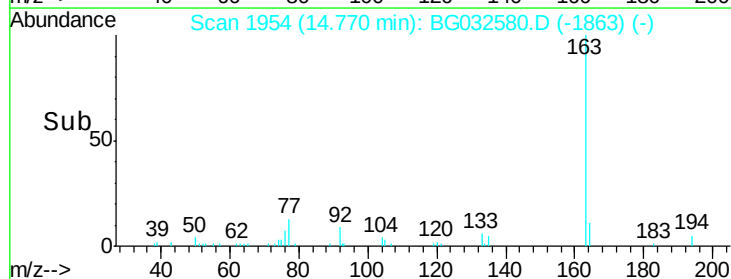
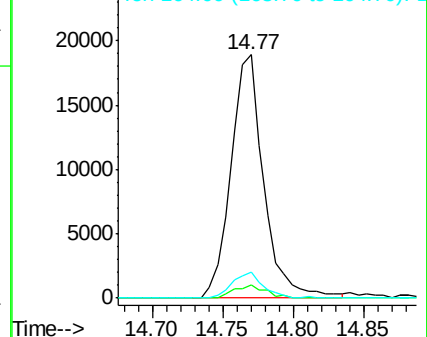
163 100

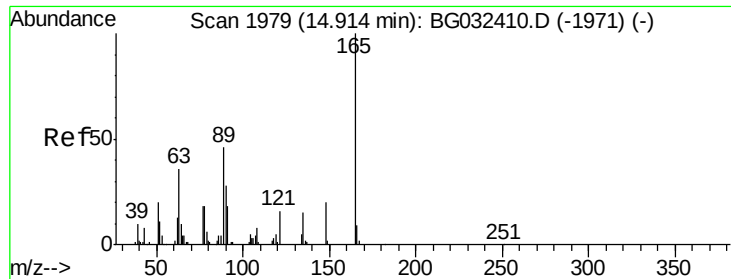
194 5.2 3.4 5.2#

164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

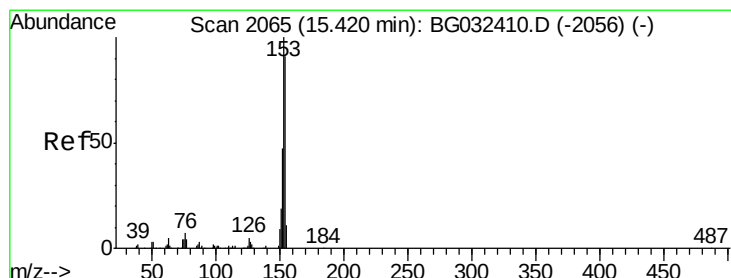
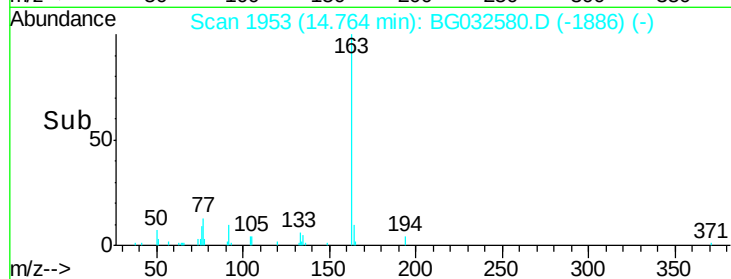
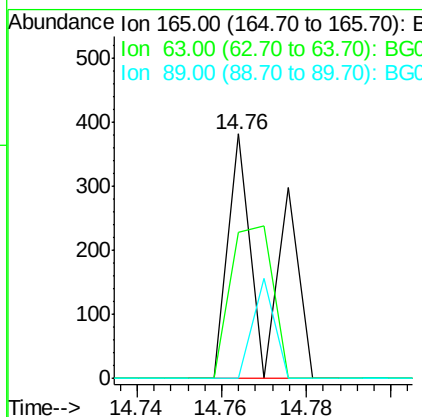
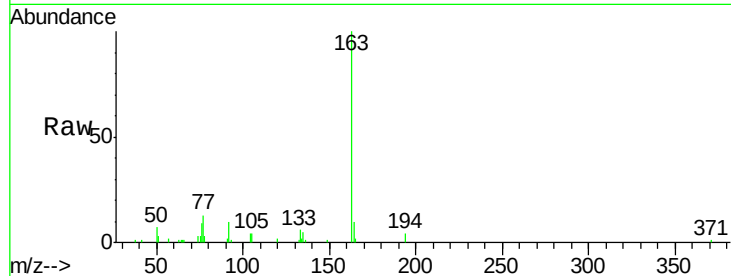




#50
 2,6-Dinitrotoluene
 Concen: 0.199 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.14 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

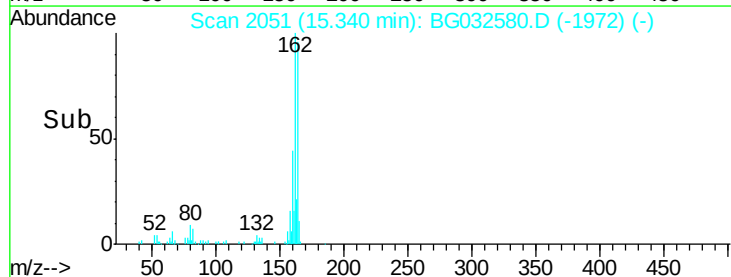
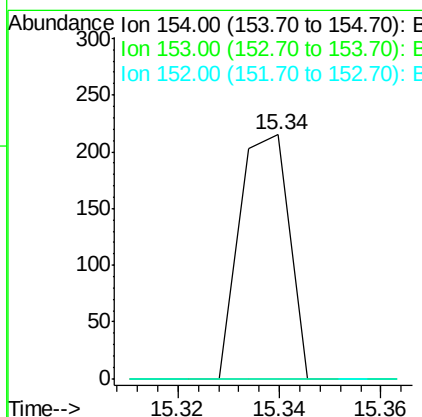
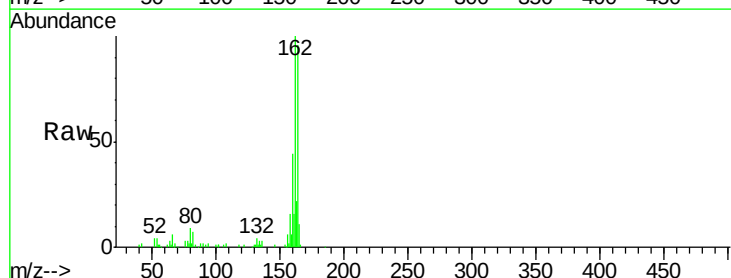
Instrument :
 BNA_G
 ClientSampleId :
 SB-01

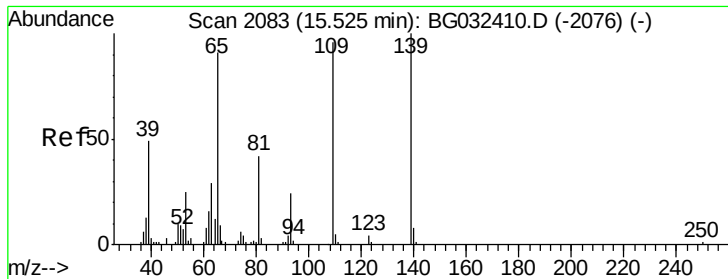
Tot Ion:165 Resp: 239
 Ion Ratio Lower Upper
 165 100
 63 59.8 52.7 79.1
 89 0.0 49.2 73.8#



#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#





#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

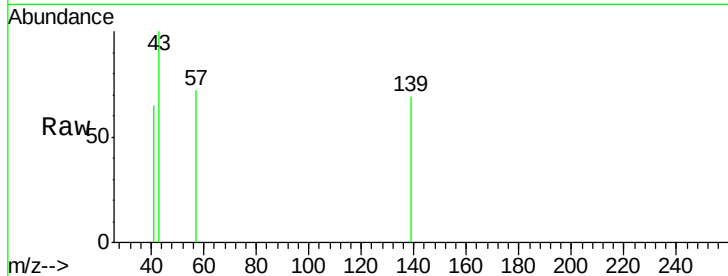
Instrument :

BNA_G

ClientSampleId :

SB-01

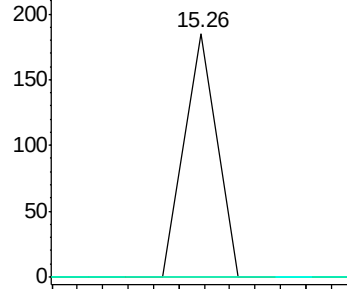
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



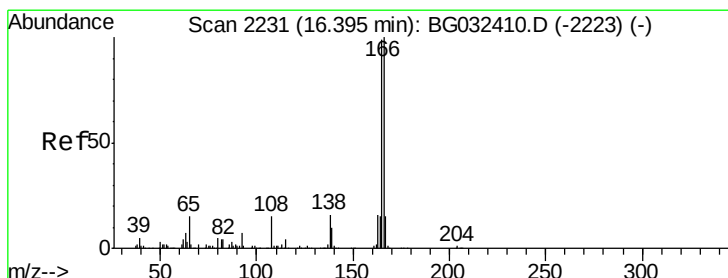
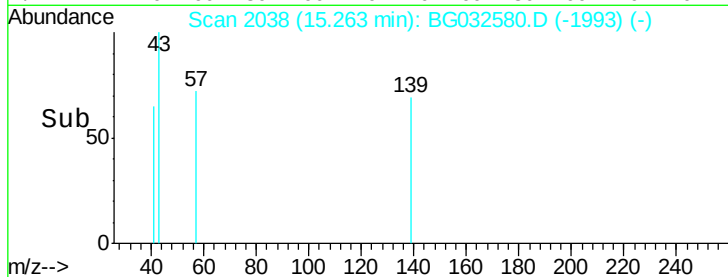
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



Time--> 15.24 15.26 15.28



#57

Fluorene

Concen: 0.579 ng

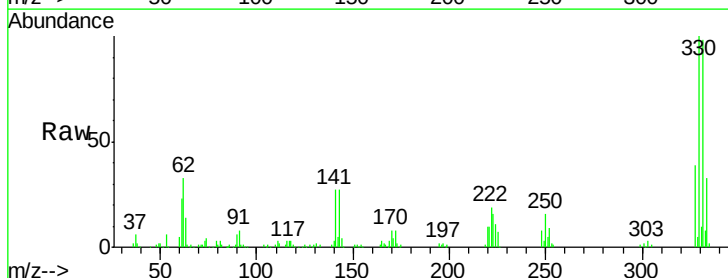
RT: 16.81 min Scan# 2302

Delta R.T. 0.43 min

Lab File: BG032580.D

Acq: 7 Feb 2018 2:26

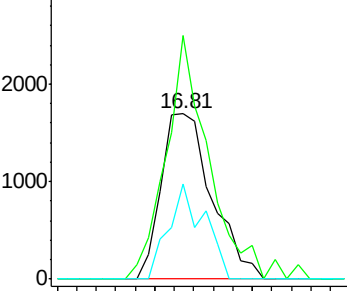
Tgt Ion	Ratio	Lower	Upper
166	100		
165	147.4	80.6	121.0#
167	57.8	10.4	15.6#



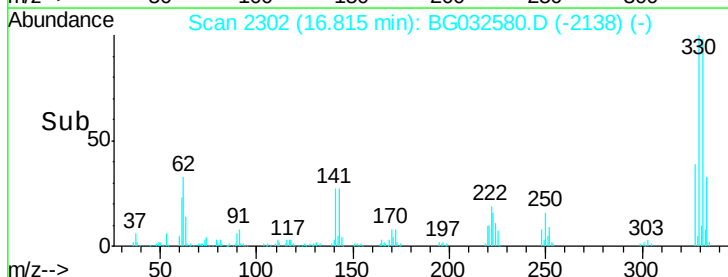
Abundance Ion 166.00 (165.70 to 166.70): E

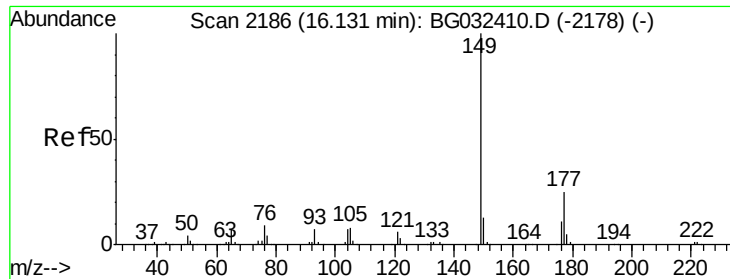
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 16.75 16.80 16.85

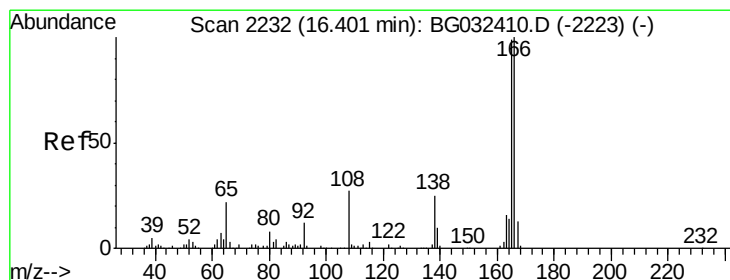
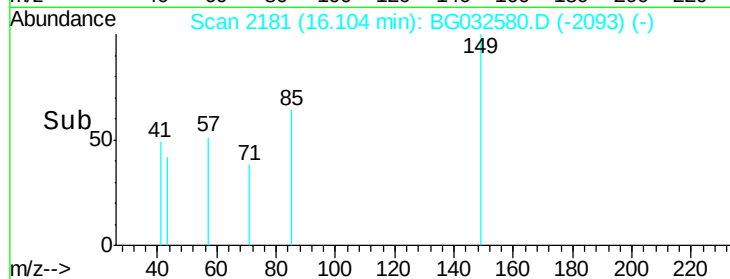
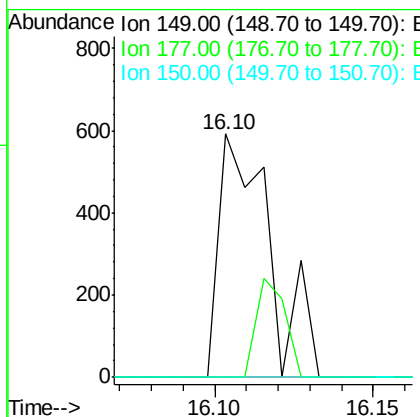
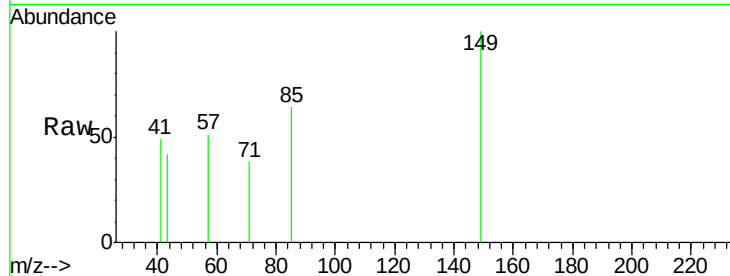




#59
 Diethylphthalate
 Concen: 0.117 ng
 RT: 16.10 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG032580.D
 Acq: 7 Feb 2018 2:26

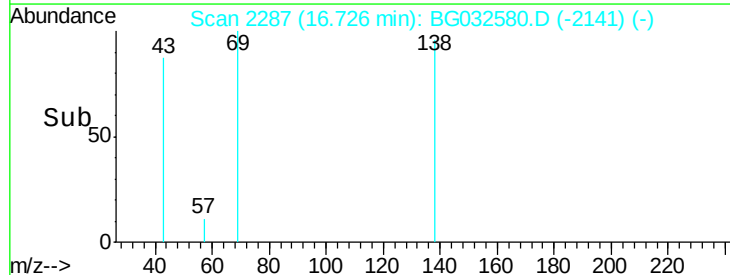
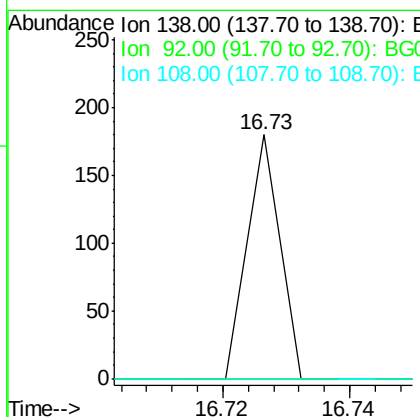
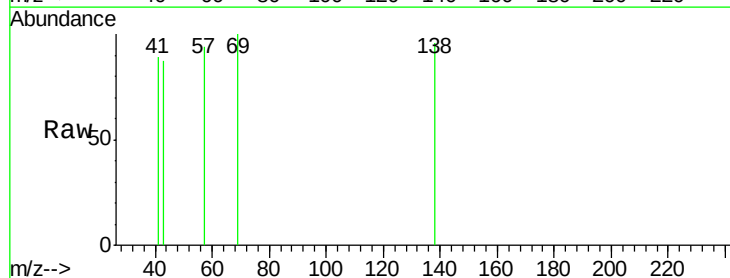
Instrument :
 BNA_G
 ClientSampled :
 SB-01

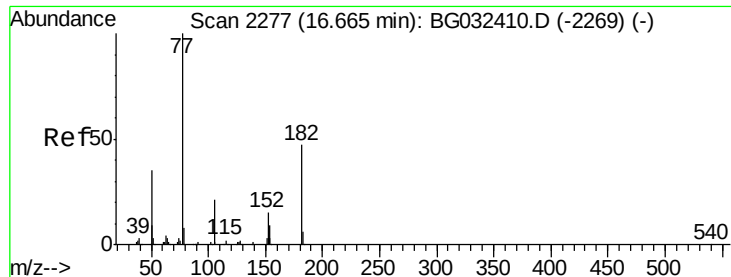
Tot Ion:149 Resp: 652
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.5 27.7#
 150 0.0 10.2 15.2#



#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

Tgt 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

Instrument :

BNA_G

ClientSampled :

SB-01

Tot Ion: 77 Resp: 304

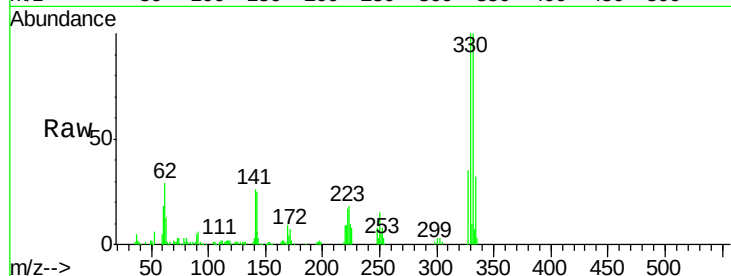
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 70.9 0.3 40.3#

51 65.4 11.6 51.6#

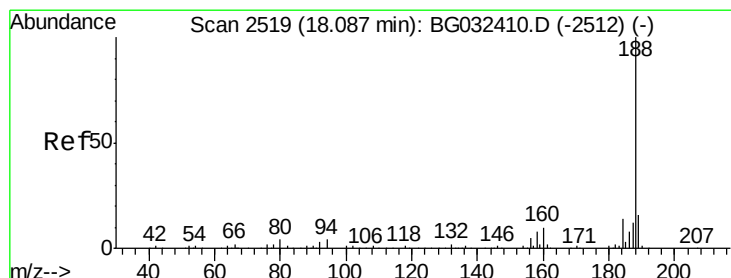
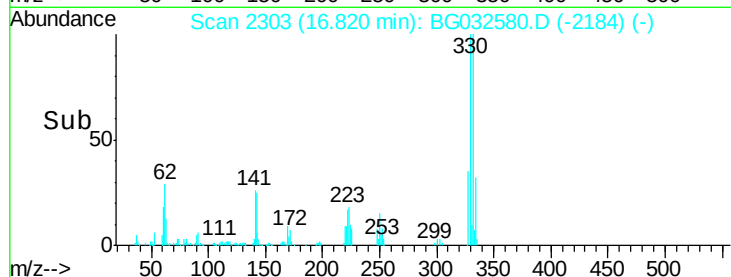
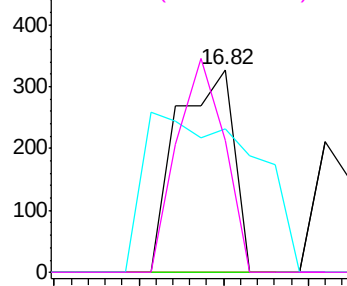


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#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

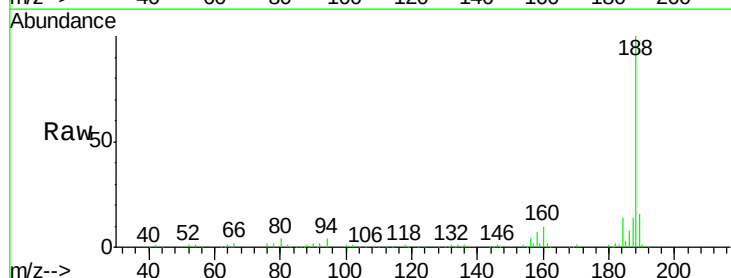
Tgt Ion: 188 Resp: 172576

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

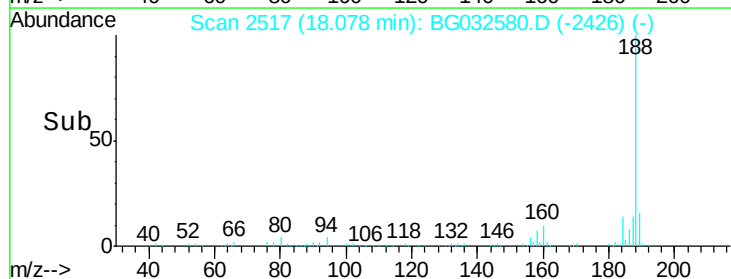
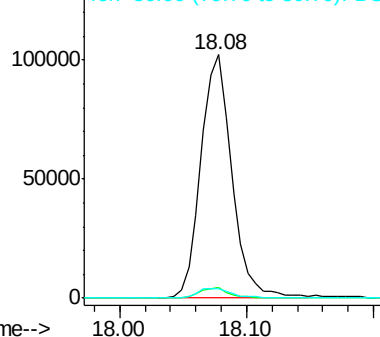
80 4.1 7.7 11.5#

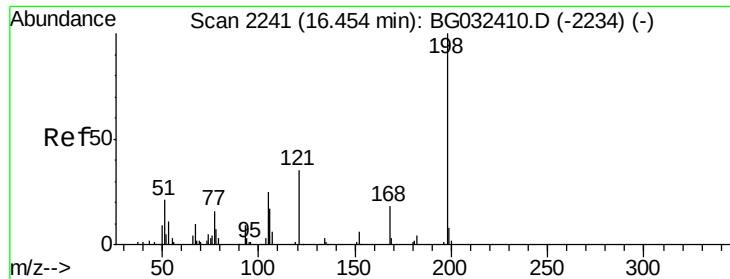


Abundance Ion 188.00 (187.70 to 188.70): BGC

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

Instrument :

BNA_G

ClientSampleId :

SB-01

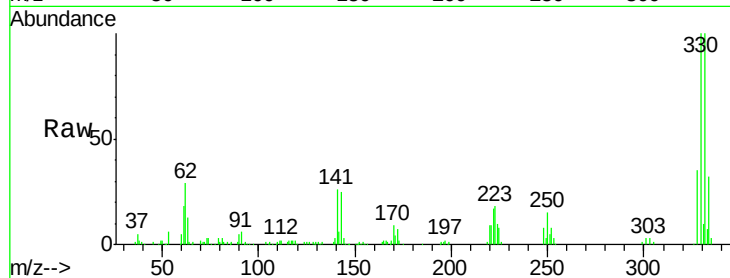
Tot Ion:198 Resp: 318

Ion Ratio Lower Upper

198 100

51 82.0 30.6 70.6#

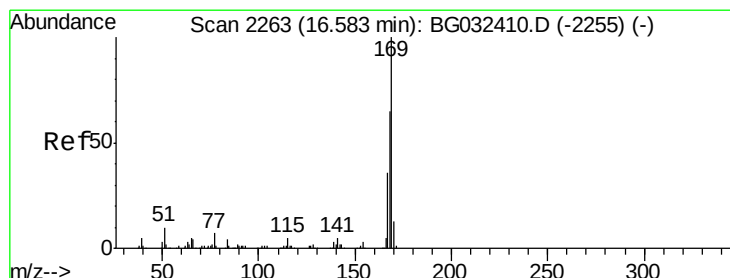
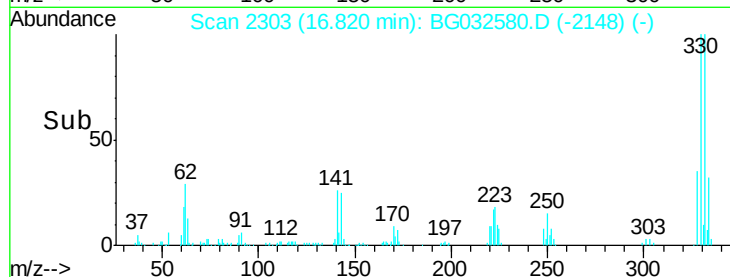
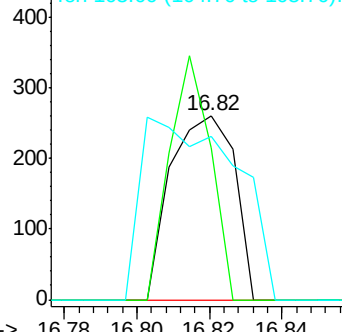
105 88.9 23.8 63.8#



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

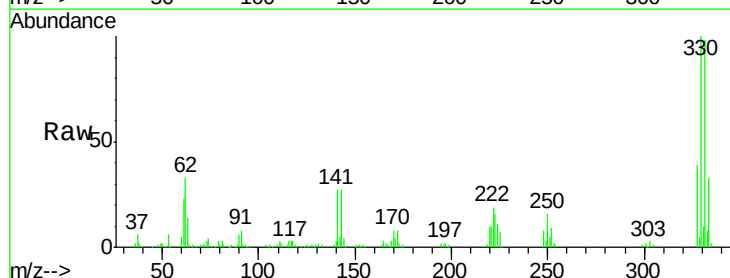
Tgt Ion:169 Resp: 4050

Ion Ratio Lower Upper

169 100

168 9.6 55.7 83.5#

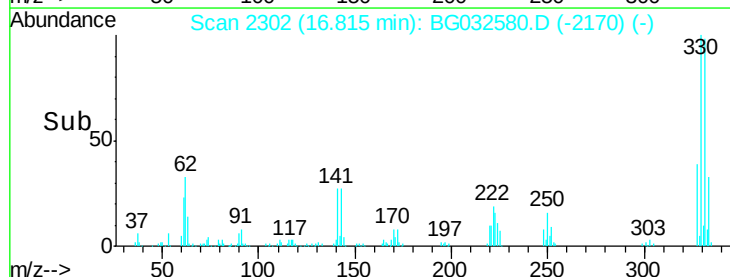
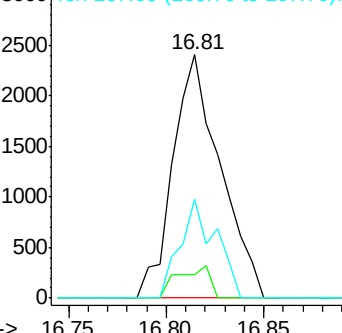
167 40.7 30.1 45.1

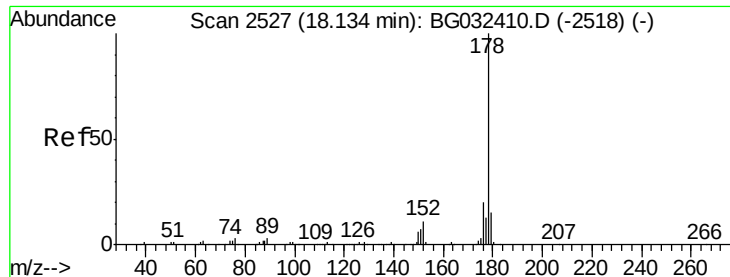


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#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

ClientSampled :

SB-01

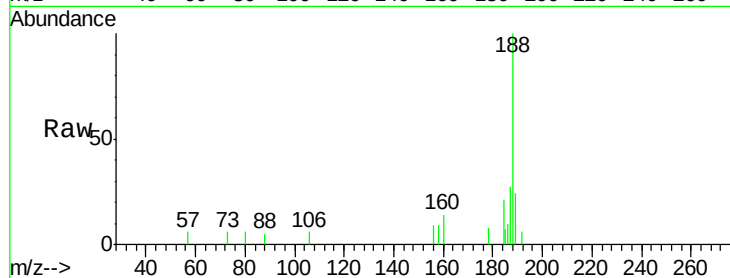
Tot Ion:178 Resp: 152

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

18.11

250

200

150

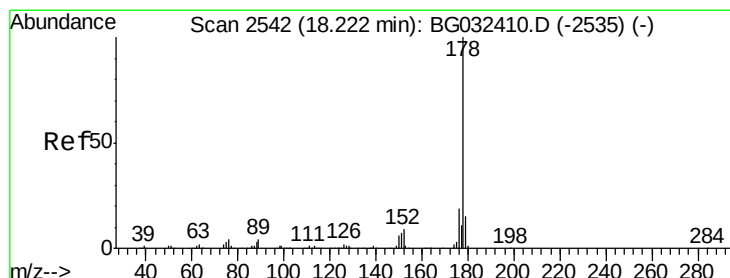
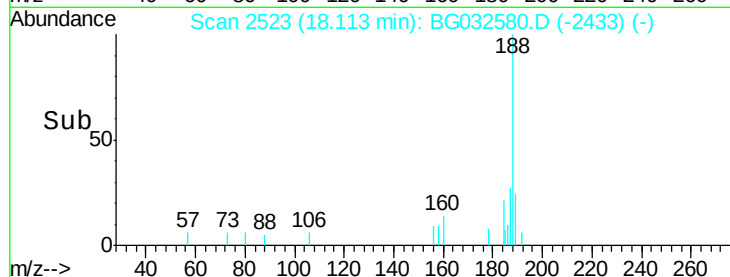
100

50

0

18.10 18.12 18.14

Time-->



#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

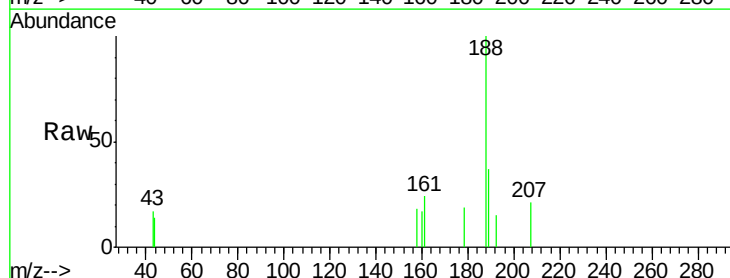
Tgt Ion:178 Resp: 72

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

18.14

250

200

150

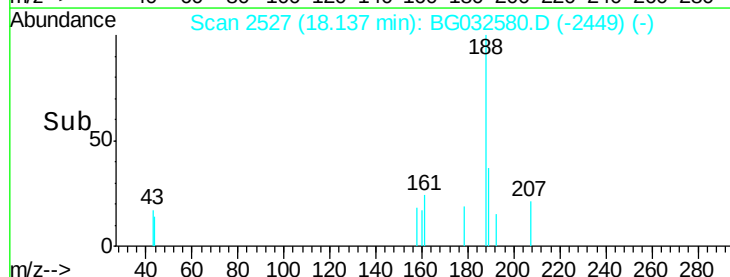
100

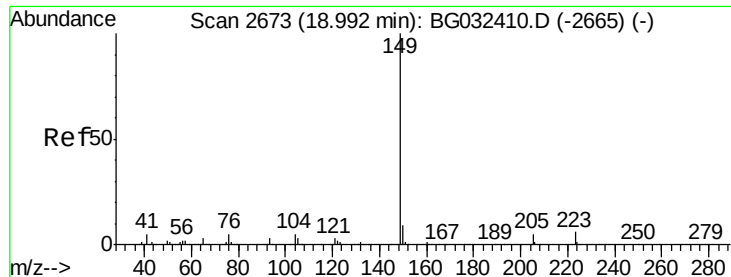
50

0

18.13 18.14 18.15

Time-->

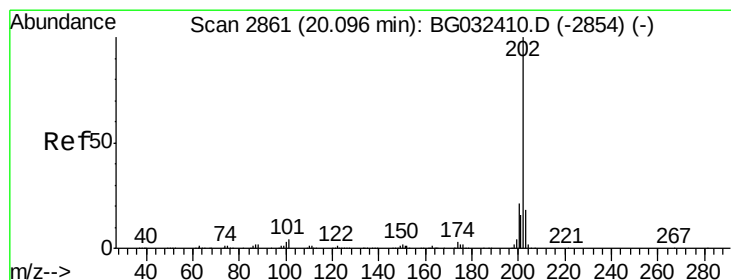
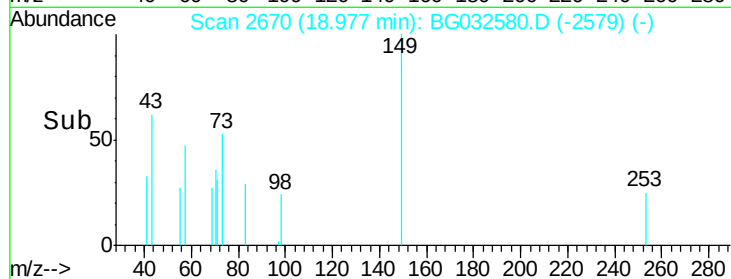
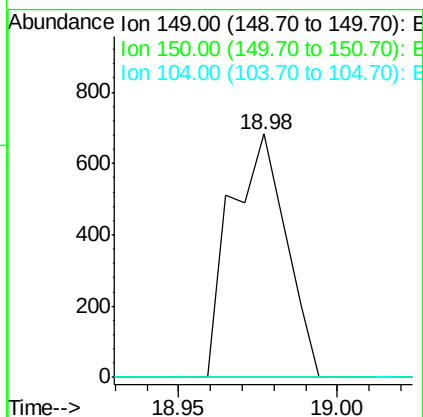
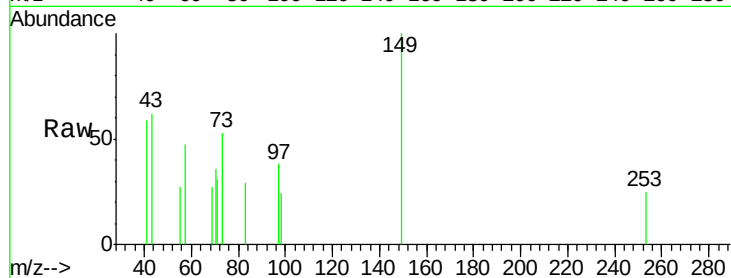




#73
Di-n-butylphthalate
Concen: 0.088 ng
RT: 18.98 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

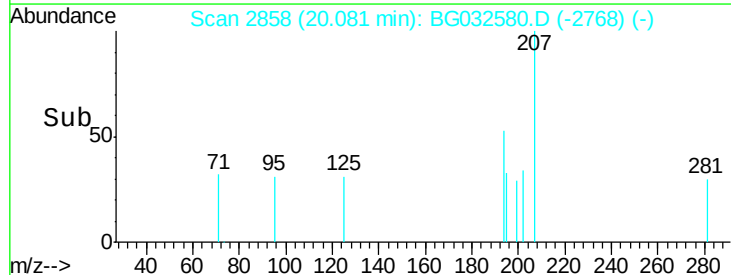
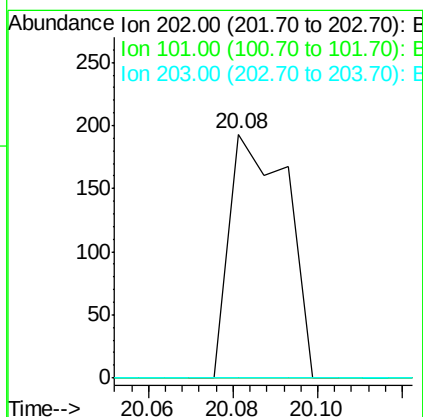
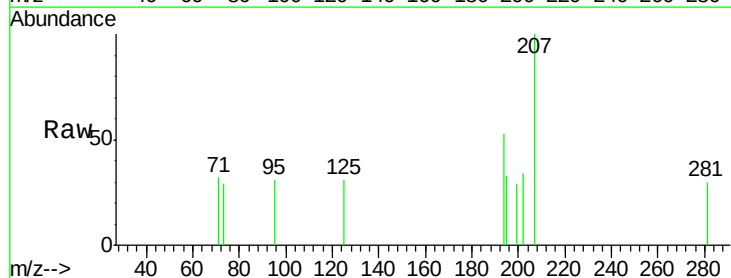
Instrument :
BNA_G
ClientSampleId :
SB-01

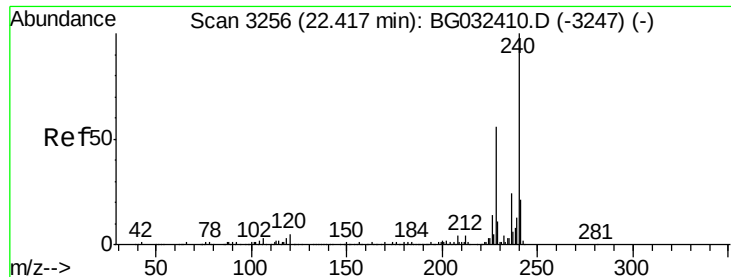
Tot Ion:149 Resp: 823
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.9 5.9#



#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





#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

ClientSampled :

SB-01

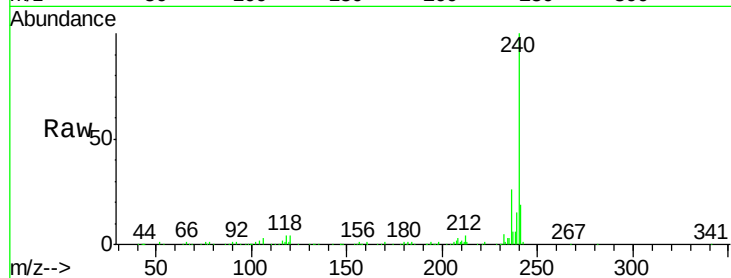
Tot Ion:240 Resp: 224271

Ion Ratio Lower Upper

240 100

120 3.6 6.8 10.2#

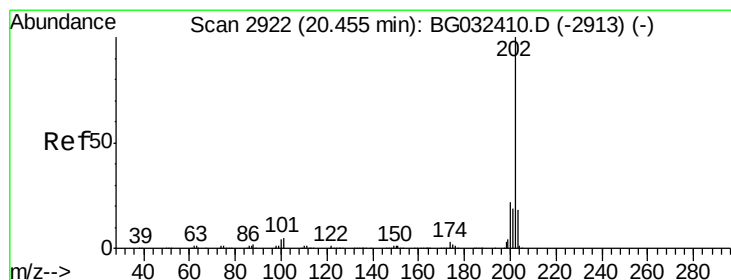
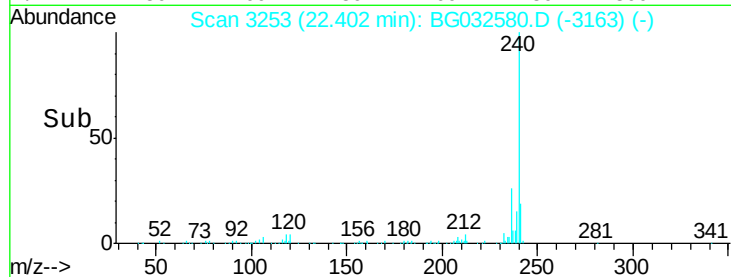
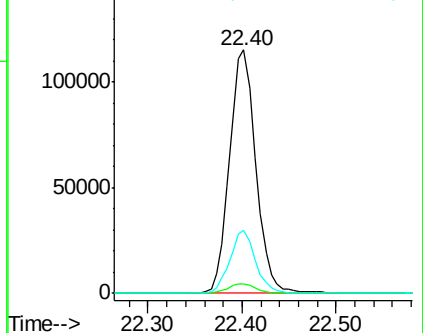
236 25.9 20.9 31.3



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



#77

Pyrene

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

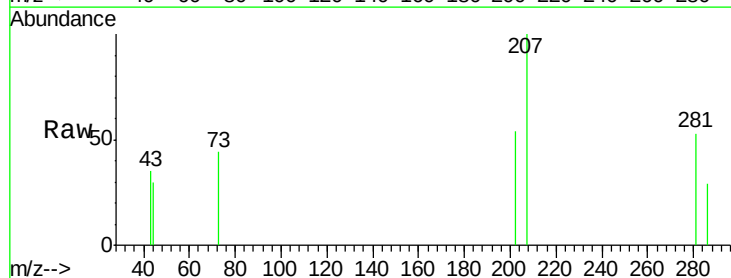
Tgt Ion:202 Resp: 334

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

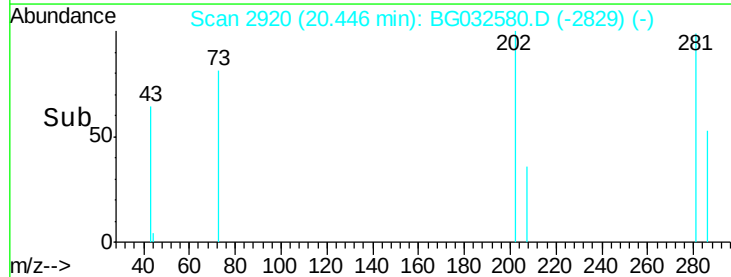
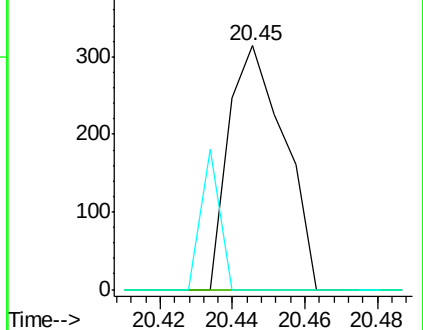
203 0.0 13.9 20.9#

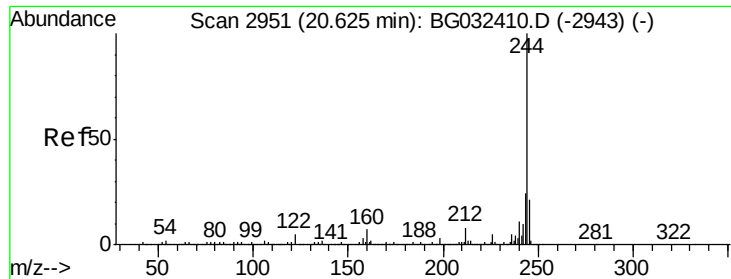


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#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

Instrument :

BNA_G

ClientSampleId :

SB-01

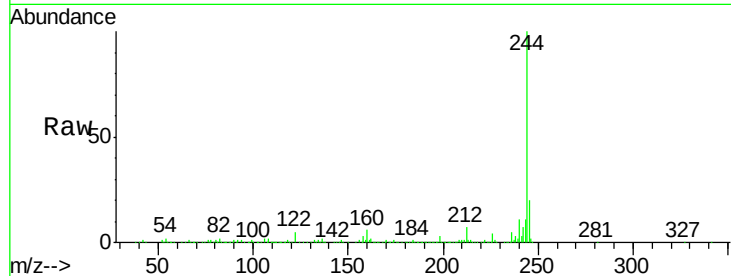
Tot Ion:244 Resp: 703315

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

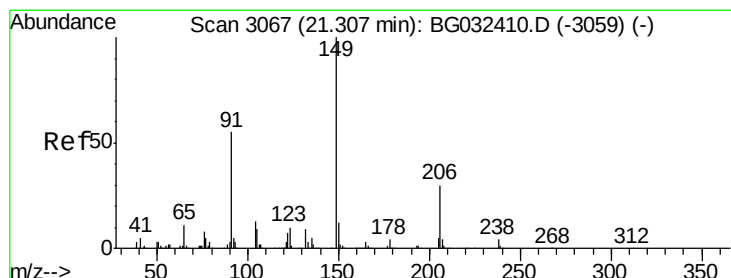
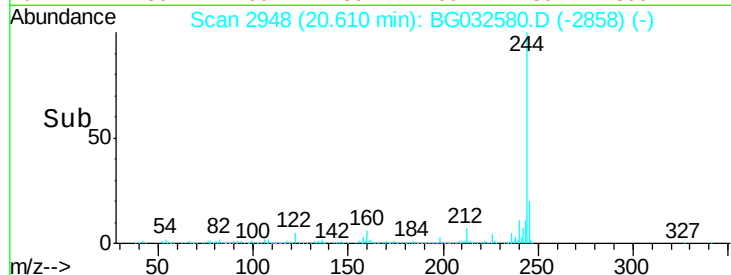
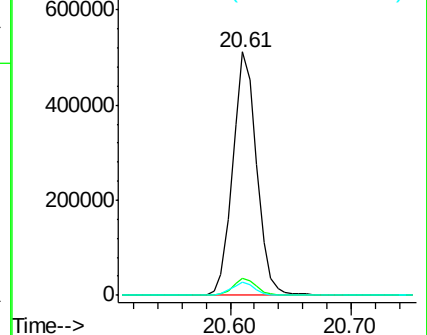
122 5.4 7.0 10.4#



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



#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

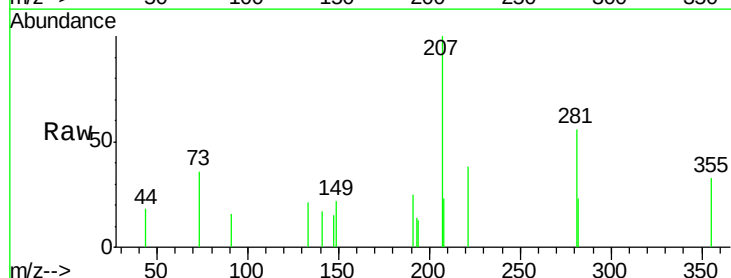
Tgt Ion:149 Resp: 143

Ion Ratio Lower Upper

149 100

91 73.6 62.2 93.2

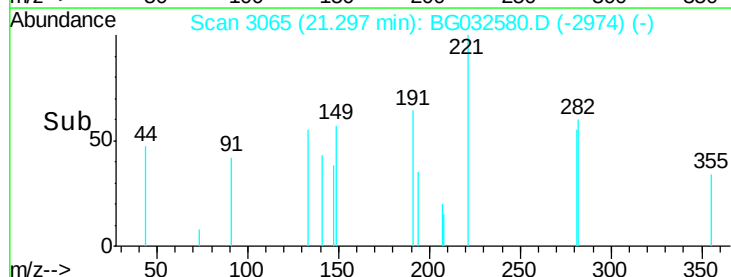
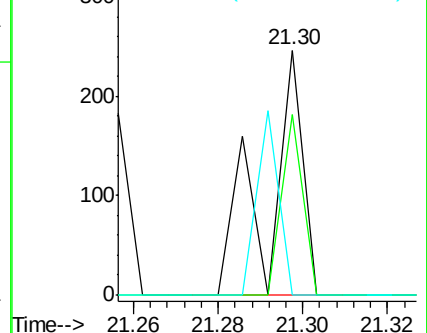
206 0.0 18.6 27.8#

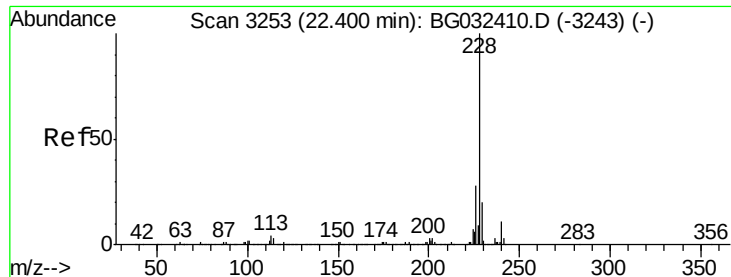


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

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

Instrument :

BNA_G

ClientSampleId :

SB-01

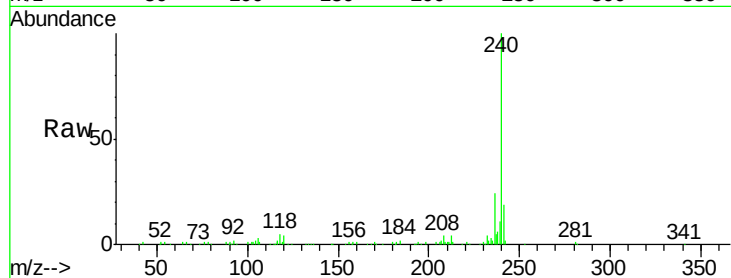
Tot Ion:228 Resp: 378

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

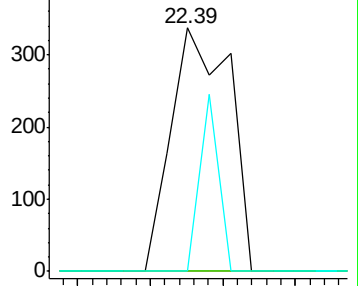
229 0.0 16.2 24.2#



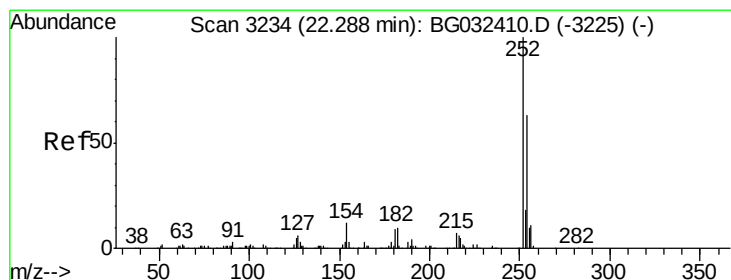
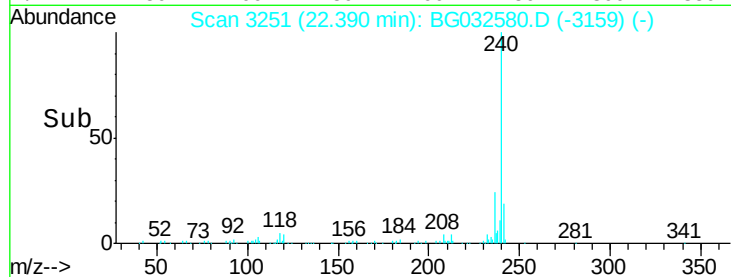
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#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

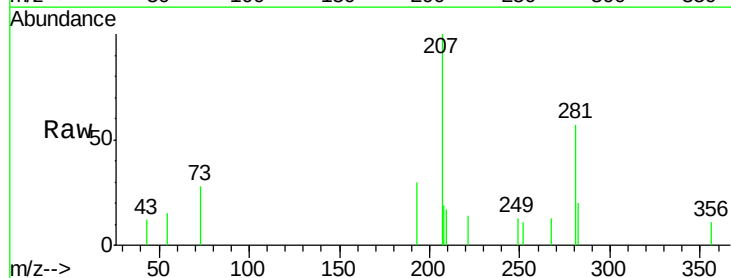
Tgt Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

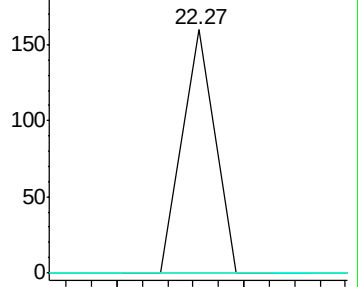
126 0.0 7.4 11.2#



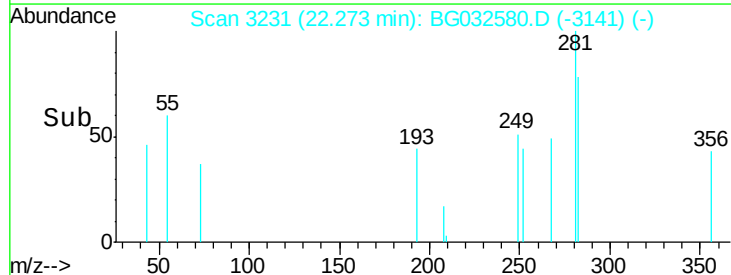
Abundance Ion 252.00 (251.70 to 252.70): E

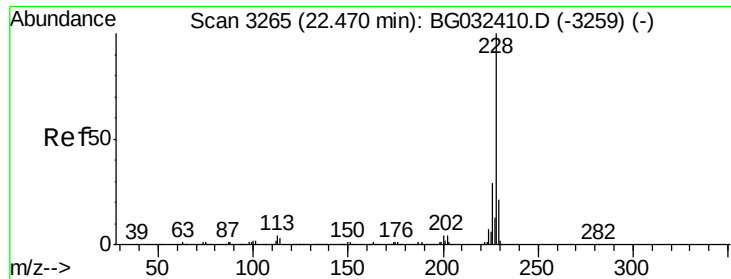
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#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

Instrument :

BNA_G

ClientSampleId :

SB-01

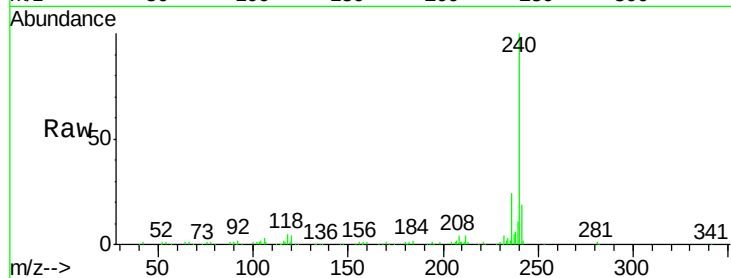
Tot Ion:228 Resp: 378

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

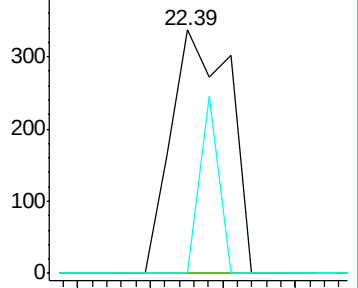
229 0.0 15.0 22.4#



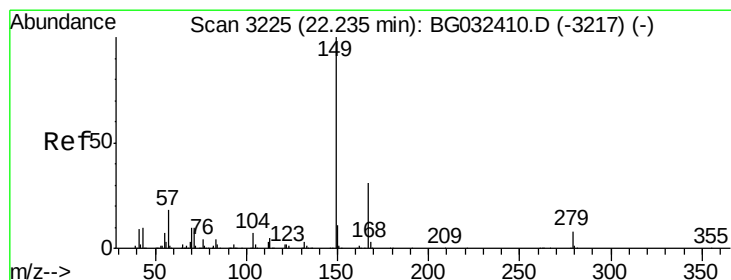
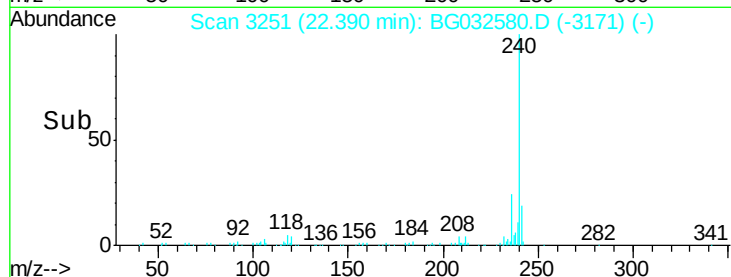
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#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

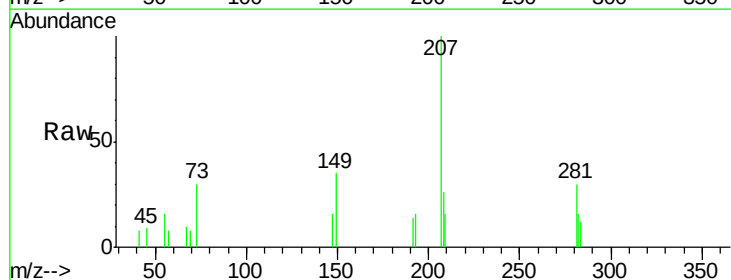
Tgt Ion:149 Resp: 797

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

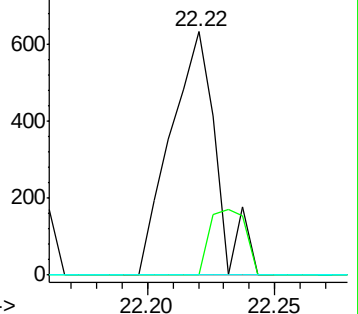
279 0.0 4.0 6.0#



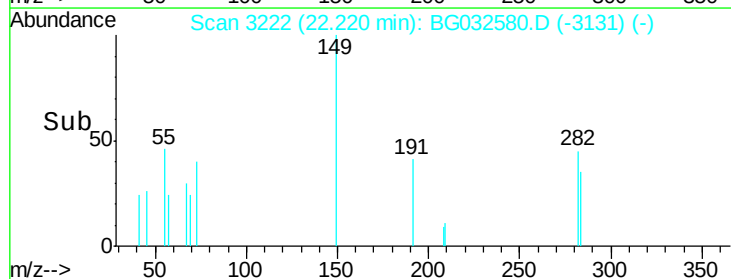
Abundance Ion 149.00 (148.70 to 149.70): E

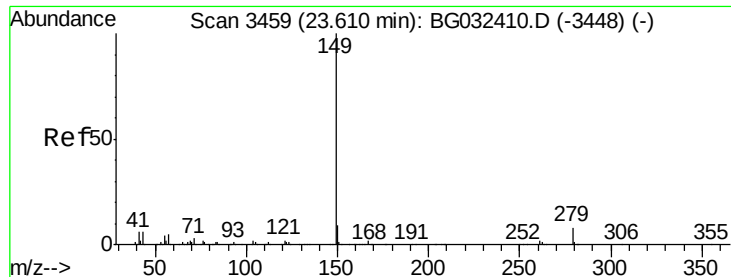
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

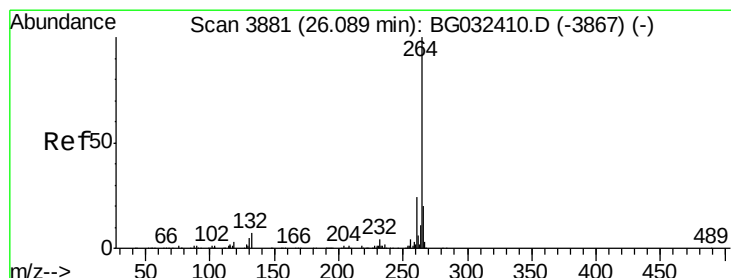
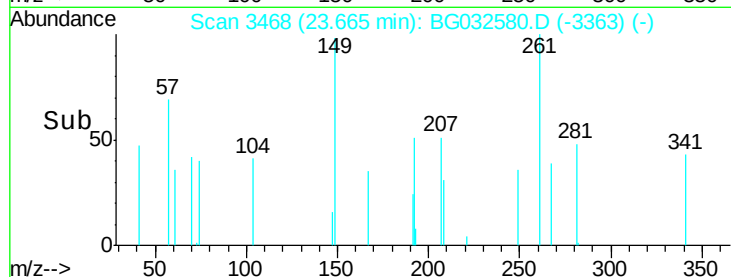
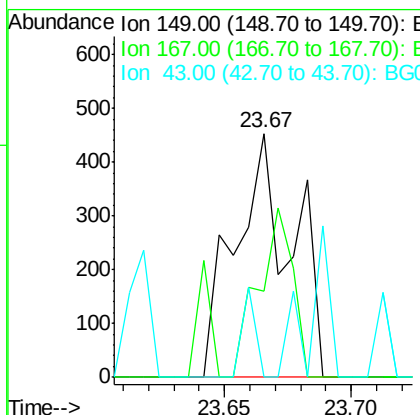
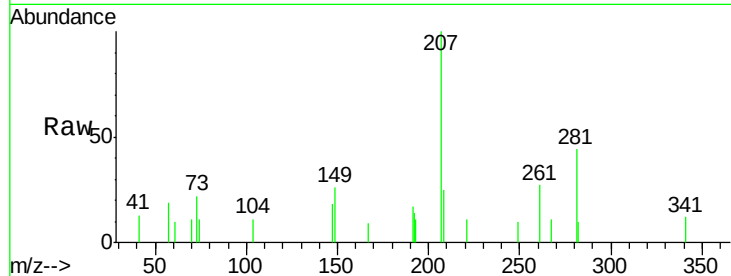




#84
Di-n-octyl phthalate
Concen: 0.073 ng
RT: 23.67 min Scan# 3468
Delta R.T. 0.08 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

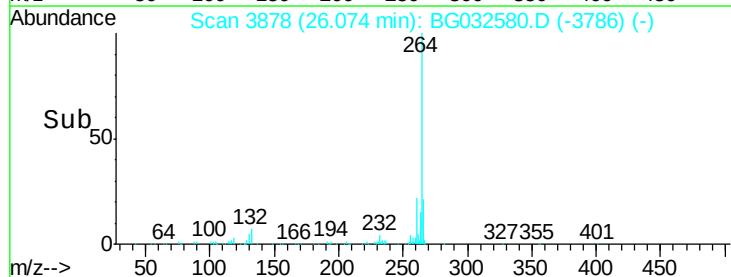
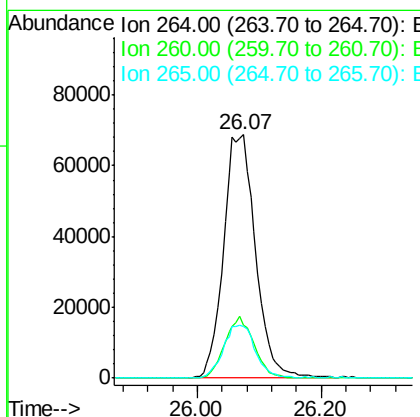
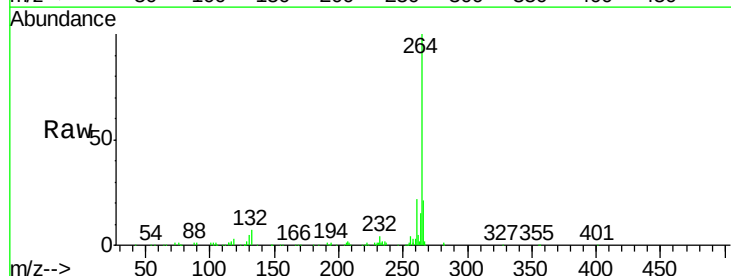
Instrument :
BNA_G
ClientSampled :
SB-01

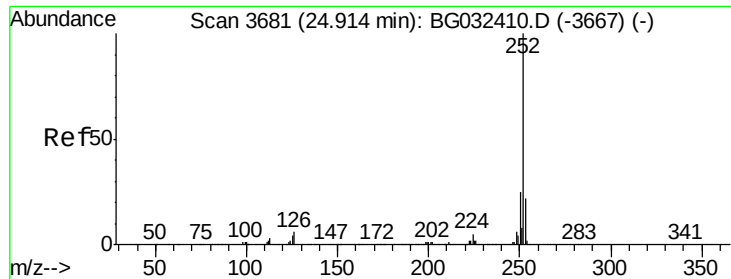
Tot Ion:149 Resp: 708
Ion Ratio Lower Upper
149 100
167 42.1 1.4 2.0#
43 8.3 8.9 13.3#



#86
Perylene-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

Tgt Ion:264 Resp: 247508
Ion Ratio Lower Upper
264 100
260 21.6 17.4 26.0
265 21.2 17.7 26.5

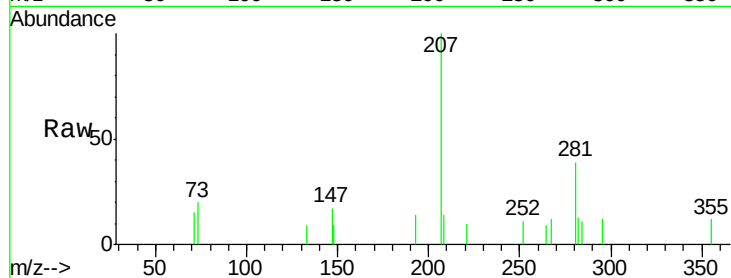




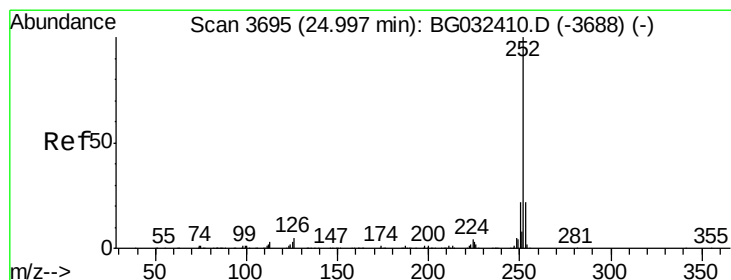
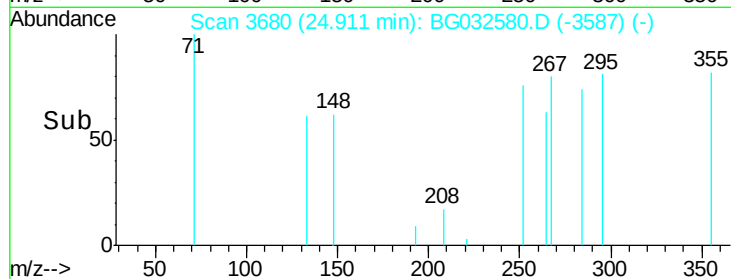
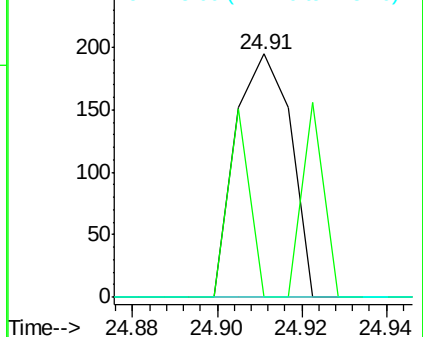
#87
Benzo(b)fluoranthene
Concen: 0.012 ng
RT: 24.91 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Instrument :
BNA_G
ClientSampleId :
SB-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#

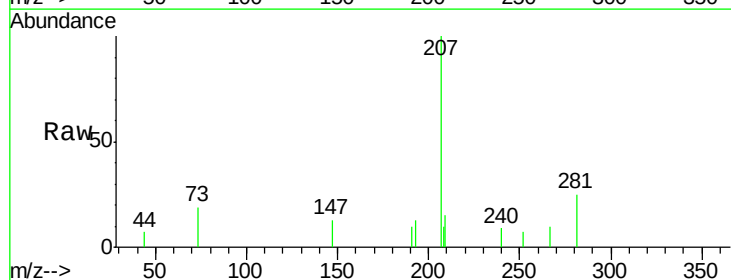


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

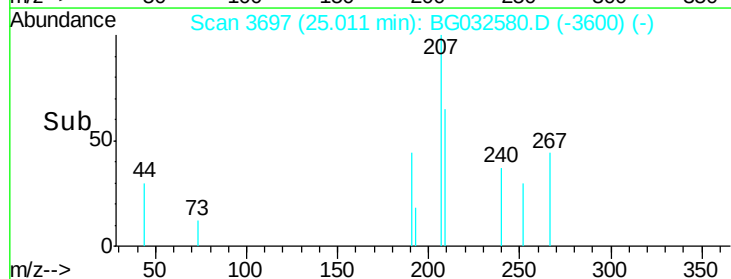
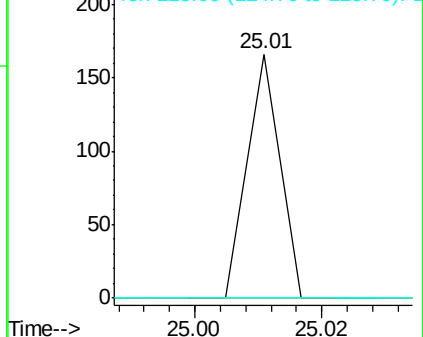


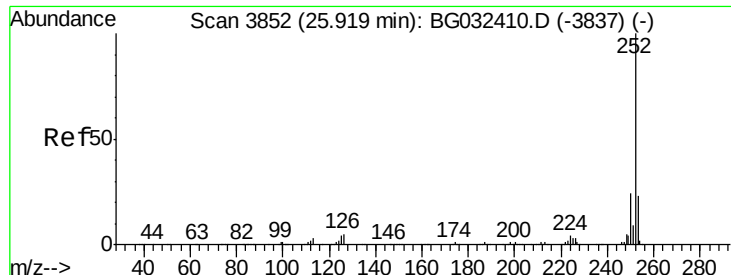
#88
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 25.01 min Scan# 3697
Delta R.T. 0.04 min
Lab File: BG032580.D
Acq: 7 Feb 2018 2:26

Tgt 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

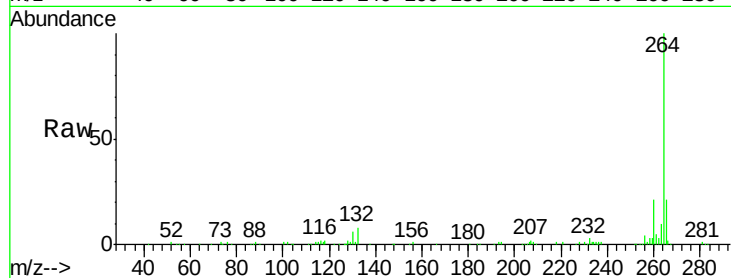
Acq: 7 Feb 2018 2:26

Instrument :

BNA_G

ClientSampleId :

SB-01



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

