

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025503.D
 Acq On : 13 Jan 2017 4:56
 Operator : UM/SJ
 Sample : I1135-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-53

Quant Time: Jan 13 05:49:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

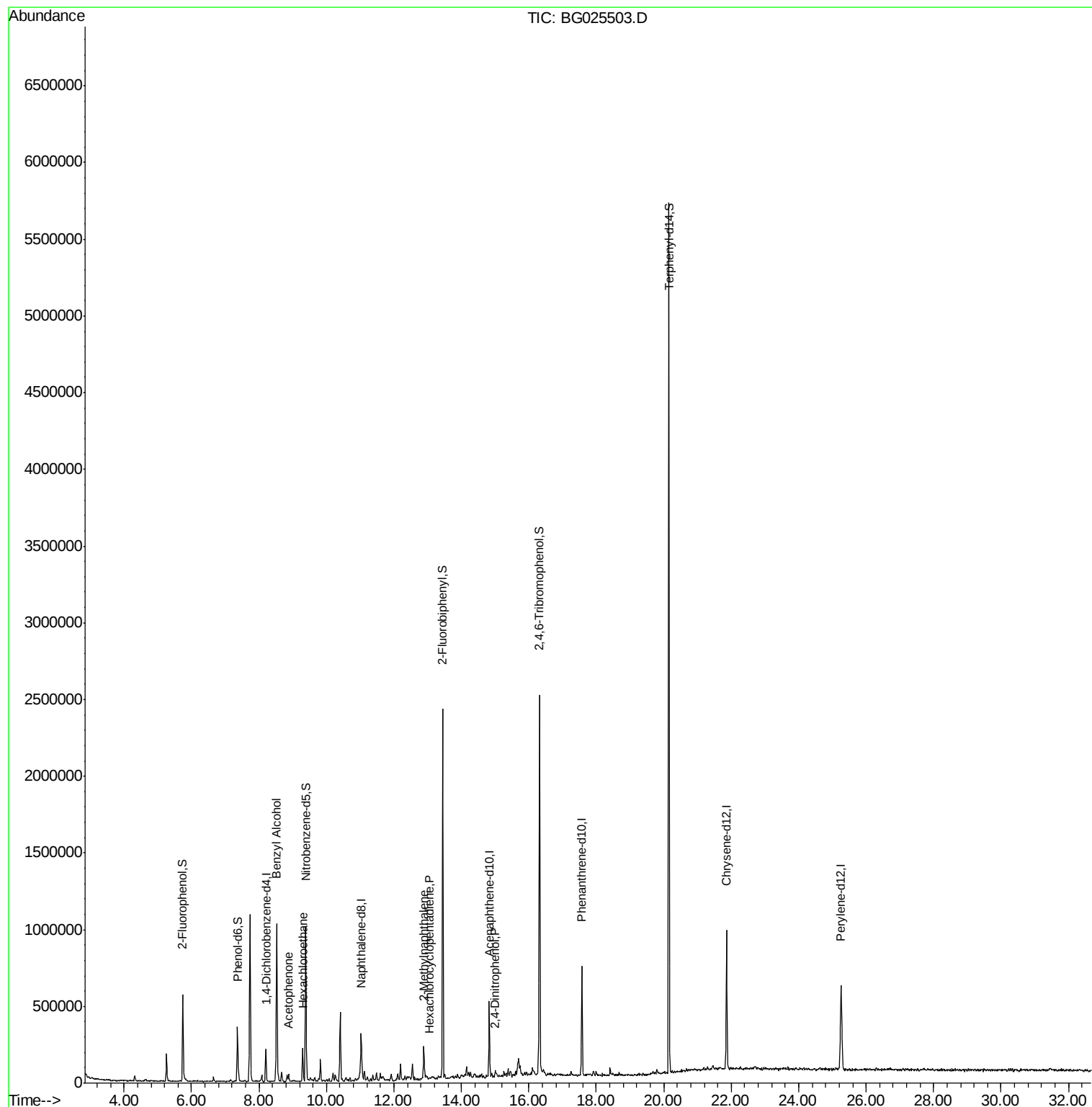
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	53780	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	220448	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	187510	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	427767	20.00	ng	0.00
75) Chrysene-d12	21.86	240	626156	20.00	ng	0.00
86) Perylene-d12	25.26	264	670351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	228895	77.36	ng	0.00
7) Phenol-d6	7.36	99	198864	47.72	ng	0.00
23) Nitrobenzene-d5	9.39	82	569968	114.22	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	485604	160.86	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1195569	103.23	ng	0.00
78) Terphenyl-d14	20.15	244	2373456	100.50	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.52	79	11886	2.99	ng	# 67
18) Hexachloroethane	9.31	117	33607	20.90	ng	# 4
22) Acetophenone	8.87	105	14802	2.42	ng	# 70
37) 2-Methylnaphthalene	12.88	142	92181	11.30	ng	93
40) Hexachlorocyclopentadiene	13.04	237	53	8.53	ng	# 29
53) 2,4-Dinitrophenol	14.99	184	118	5.13	ng	# 47

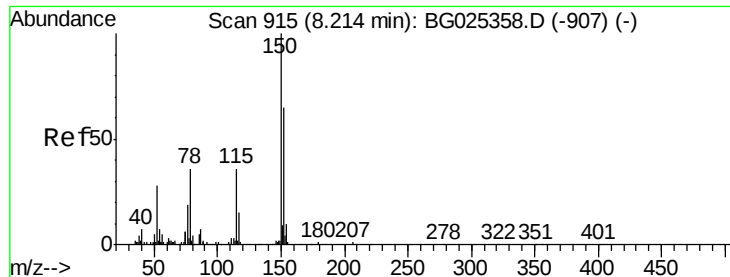
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



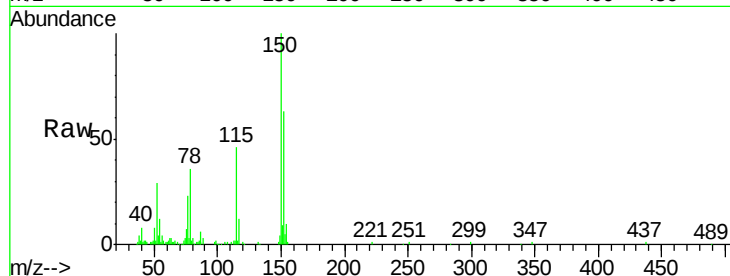


#1

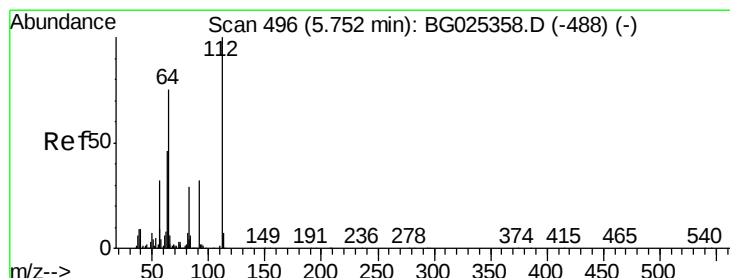
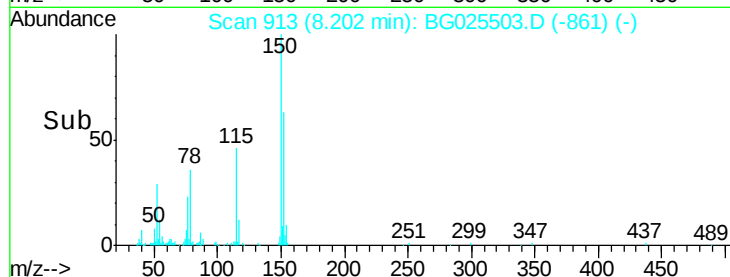
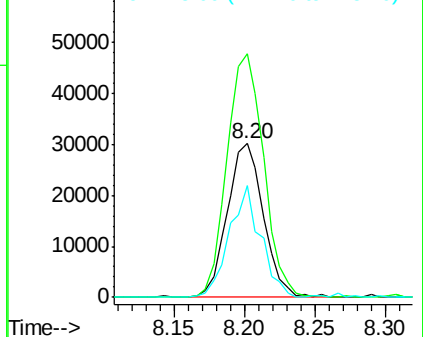
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025503.D
Acq: 13 Jan 2017 4:56

Instrument :
BNA_G
ClientSampleId :
W-53

Tgt Ion:152 Resp: 53780
Ion Ratio Lower Upper
152 100
150 158.4 114.0 171.0
115 73.0 48.1 72.1#



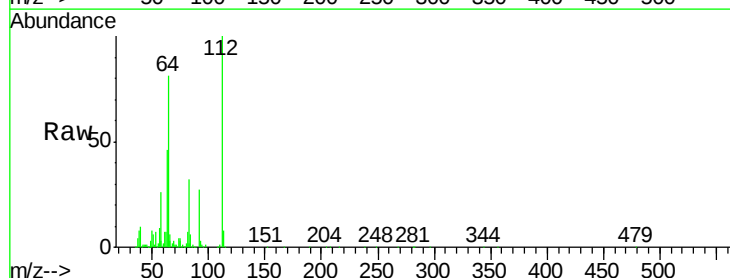
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



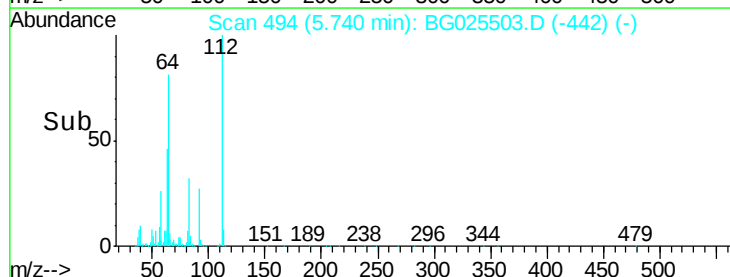
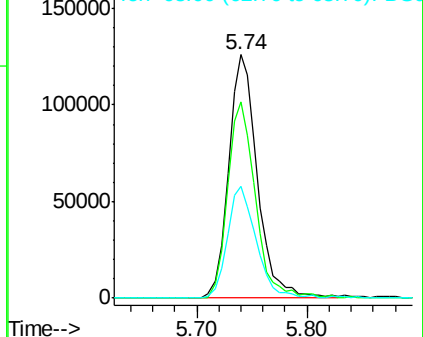
#5

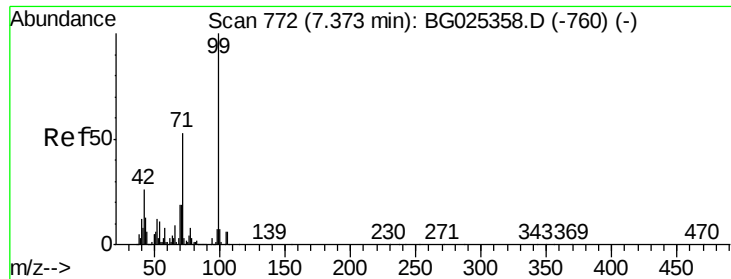
2-Fluorophenol
Concen: 77.36 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025503.D
Acq: 13 Jan 2017 4:56

Tgt Ion:112 Resp: 228895
Ion Ratio Lower Upper
112 100
64 80.5 61.8 92.6
63 45.8 37.2 55.8



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





#7

Phenol-d6

Concen: 47.72 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Instrument :

BNA_G

ClientSampleId :

W-53

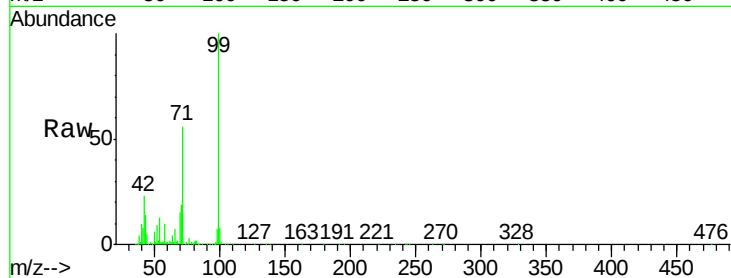
Tgt Ion: 99 Resp: 198864

Ion Ratio Lower Upper

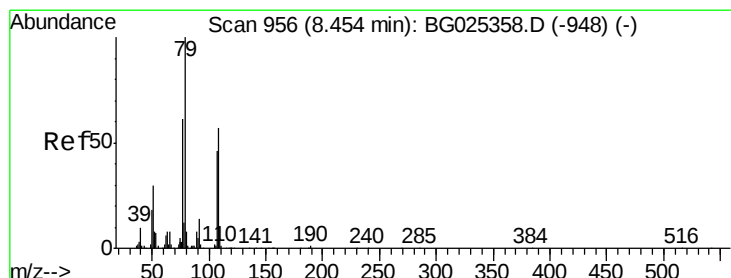
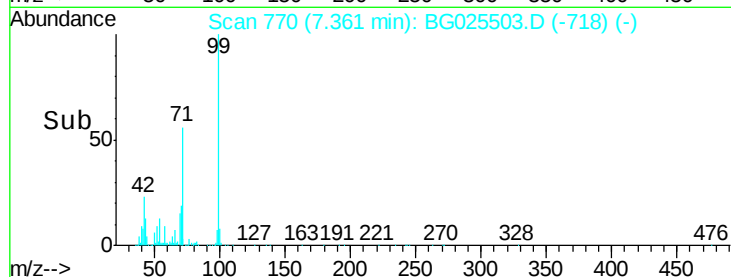
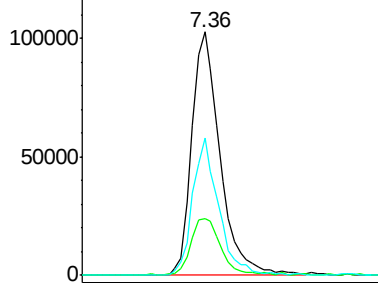
99 100

42 23.3 20.5 30.7

71 56.4 37.6 56.4#



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



#15

Benzyl Alcohol

Concen: 2.99 ng

RT: 8.52 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

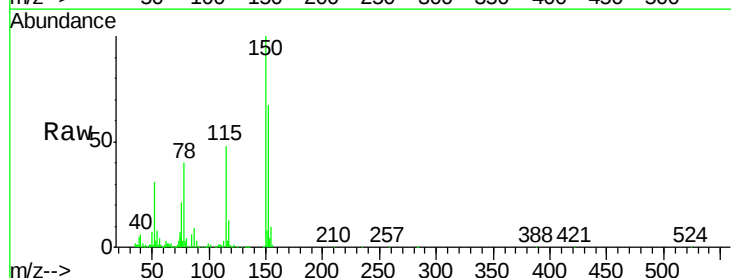
Tgt Ion: 79 Resp: 11886

Ion Ratio Lower Upper

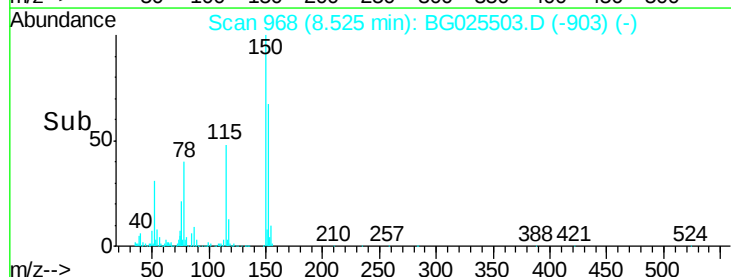
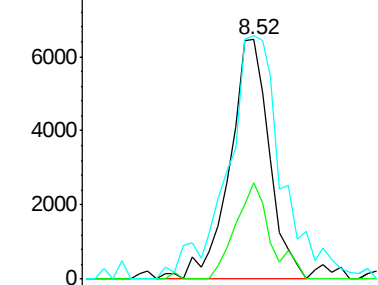
79 100

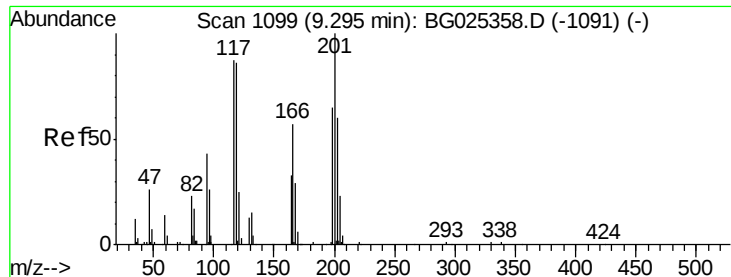
108 40.3 45.5 68.3#

77 101.7 54.3 81.5#



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

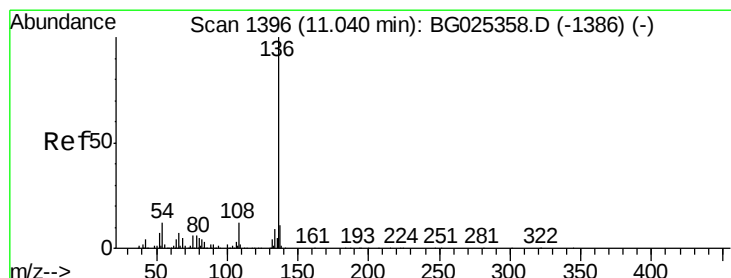
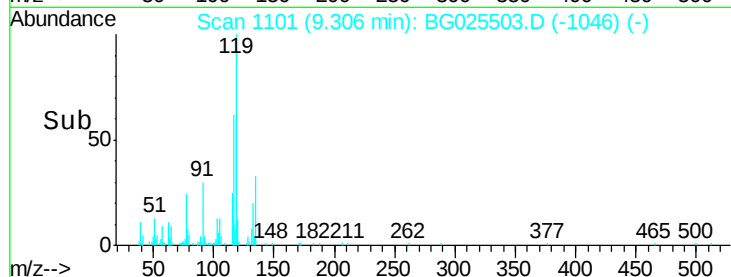
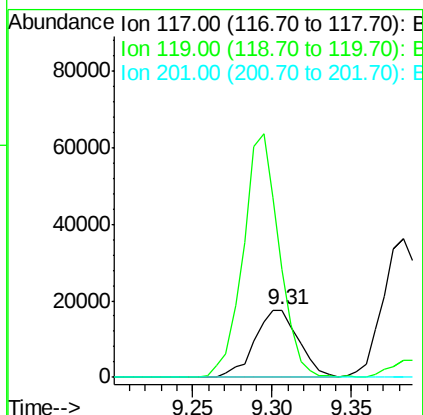
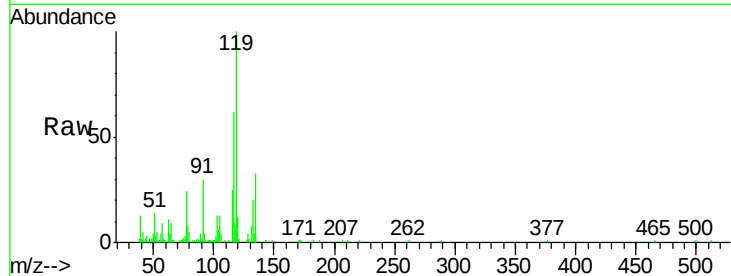




#18
Hexachloroethane
Concen: 20.90 ng
RT: 9.31 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BG025503.D
Acq: 13 Jan 2017 4:56

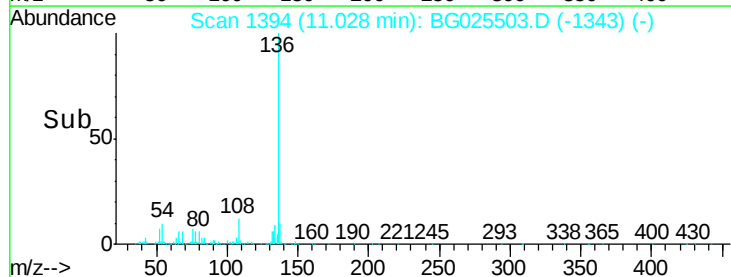
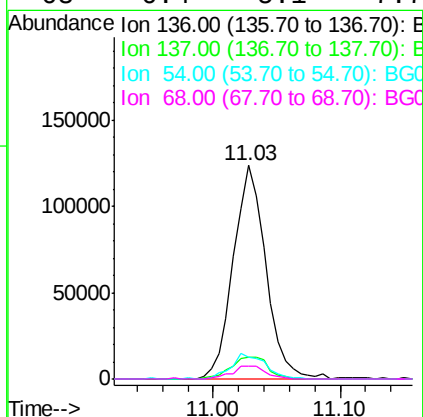
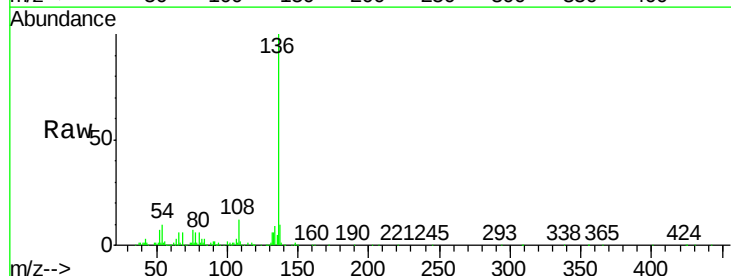
Instrument :
BNA_G
ClientSampleId :
W-53

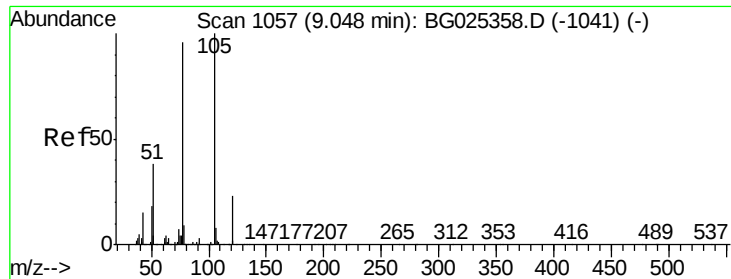
Tgt Ion:117 Resp: 33607
Ion Ratio Lower Upper
117 100
119 160.4 69.8 104.6#
201 0.0 95.4 143.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025503.D
Acq: 13 Jan 2017 4:56

Tgt Ion:136 Resp: 220448
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 10.4 9.3 13.9
68 6.4 5.1 7.7





#22

Acetophenone

Concen: 2.42 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.16 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Instrument :

BNA_G

ClientSampled :

W-53

Tgt Ion: 105 Resp: 14802

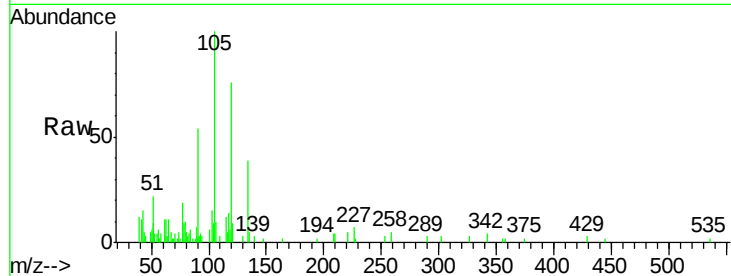
Ion Ratio Lower Upper

105 100

71 0.0 0.9 1.3#

51 22.2 34.0 51.0#

120 8.6 17.3 25.9#

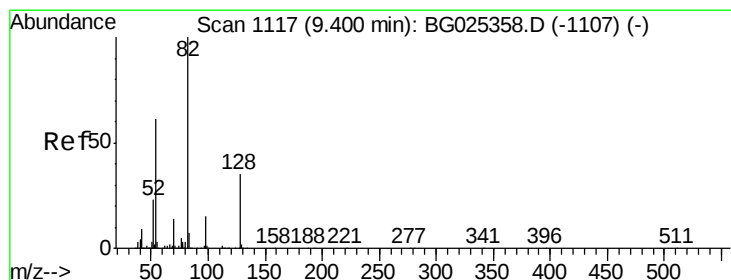
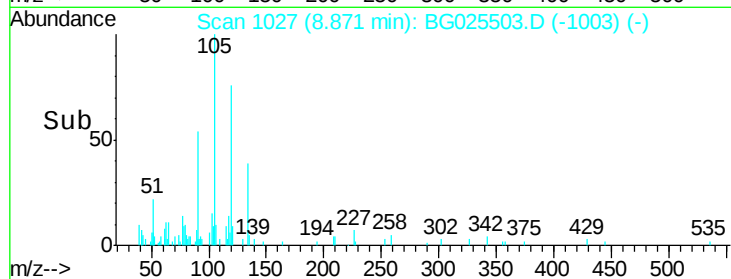
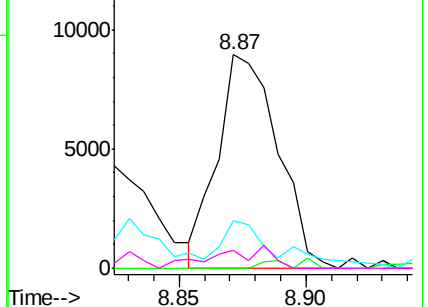


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 114.22 ng

RT: 9.39 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

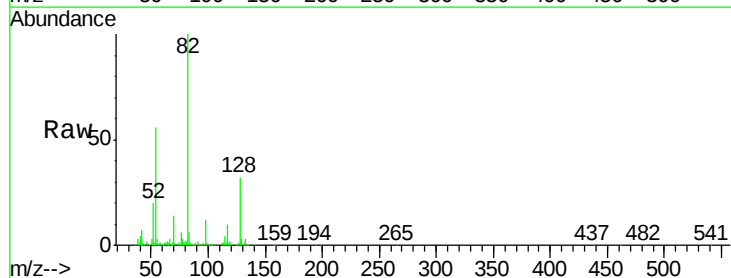
Tgt Ion: 82 Resp: 569968

Ion Ratio Lower Upper

82 100

128 31.6 26.4 39.6

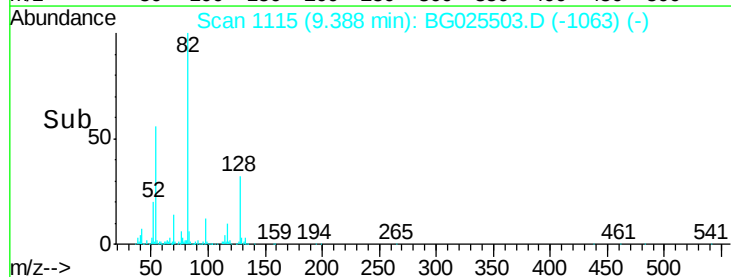
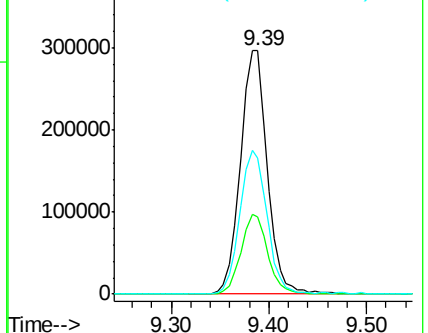
54 55.7 49.4 74.2

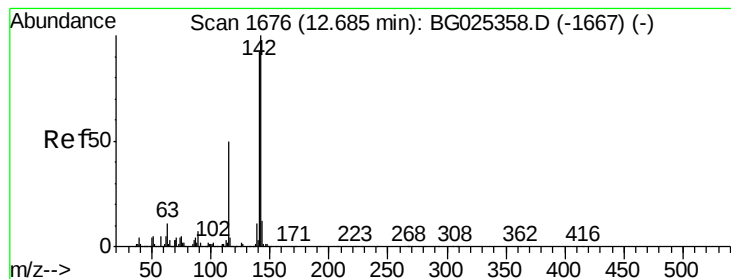


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#37

2-Methylnaphthalene

Concen: 11.30 ng

RT: 12.88 min Scan# 1710

Delta R.T. 0.22 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Instrument :

BNA_G

ClientSampleId :

W-53

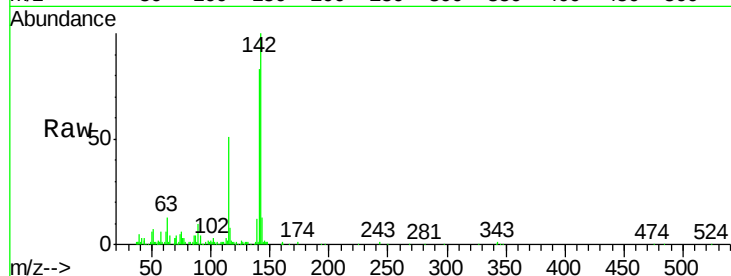
Tgt Ion:142 Resp: 92181

Ion Ratio Lower Upper

142 100

141 83.3 70.4 105.6

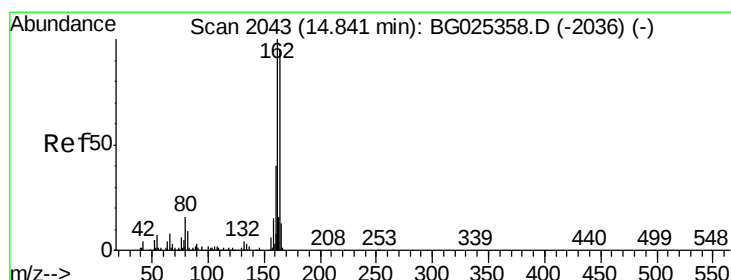
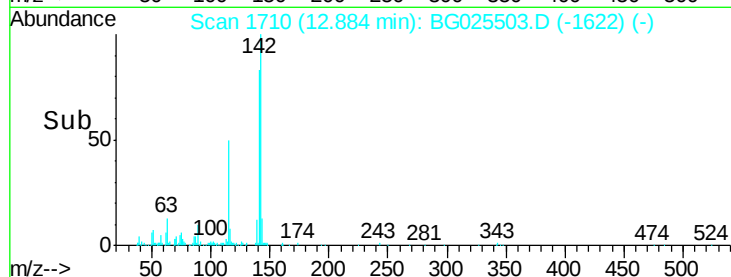
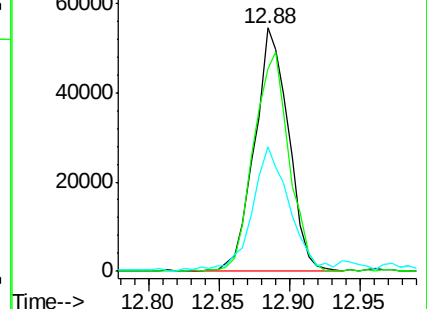
115 51.4 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

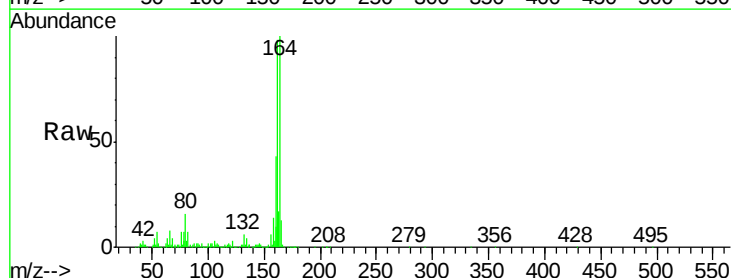
Tgt Ion:164 Resp: 187510

Ion Ratio Lower Upper

164 100

162 98.1 85.1 127.7

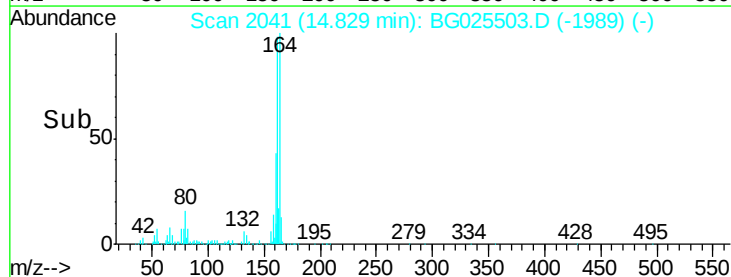
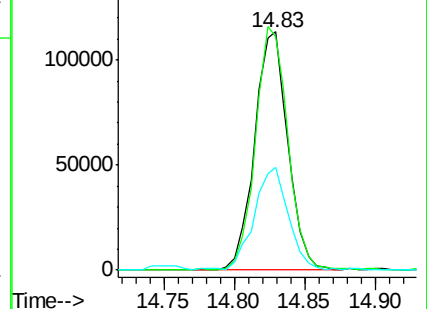
160 43.3 34.7 52.1

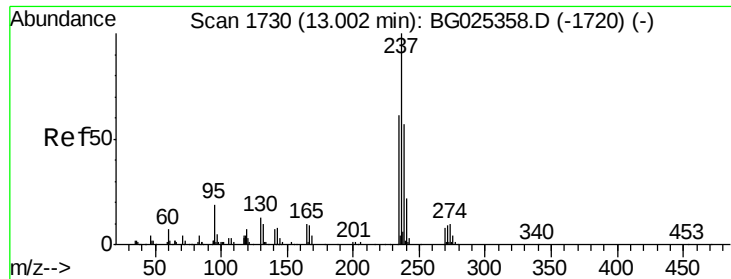


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 8.53 ng

RT: 13.04 min Scan# 1737

Delta R.T. 0.05 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

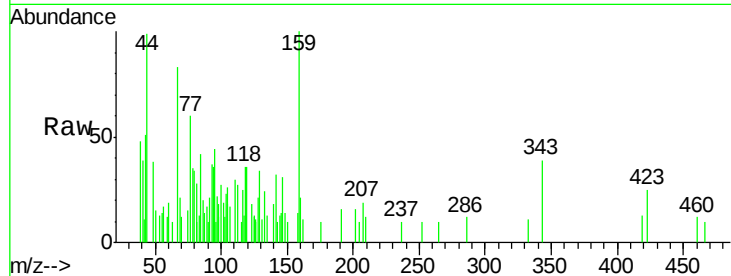
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	237	Resp:	53
Ion Ratio	Lower	Upper	
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0

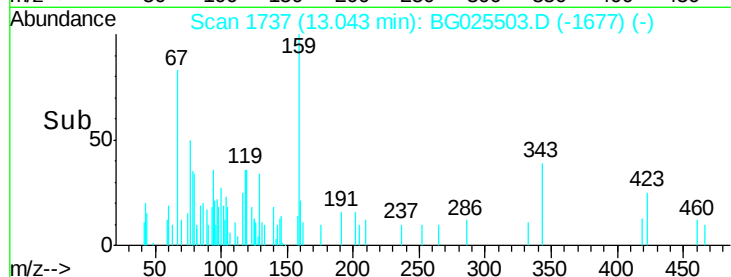


Abundance Ion 236.80 (236.50 to 237.50): E

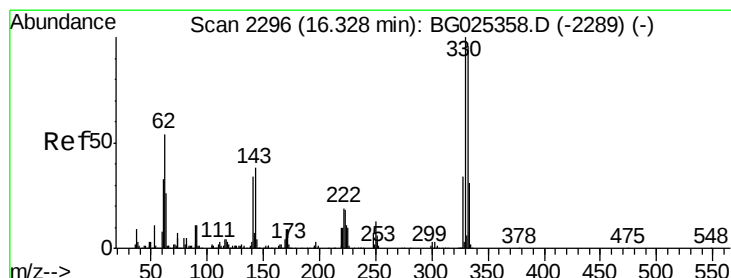
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

13.04



Time--> 13.02 13.04 13.06



#41

2,4,6-Tribromophenol

Concen: 160.86 ng

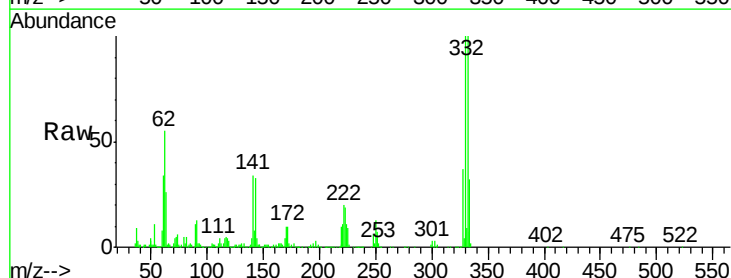
RT: 16.32 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Tgt Ion:	330	Resp:	485604
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	34.2	32.1	48.1

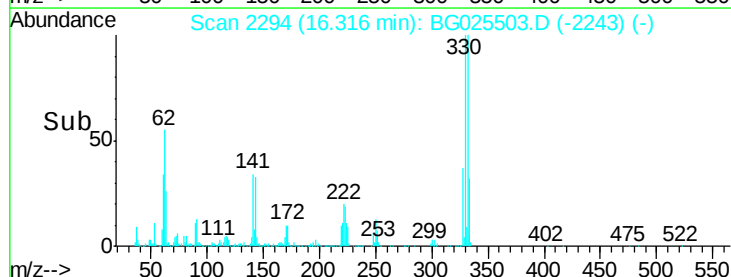


Abundance Ion 329.80 (329.50 to 330.50): E

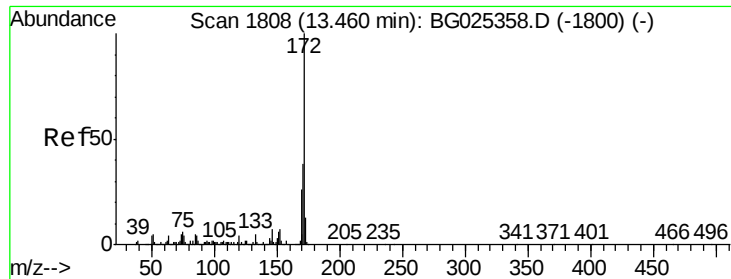
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.32



Time--> 16.30 16.40



#44

2-Fluorobiphenyl

Concen: 103.23 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Instrument :

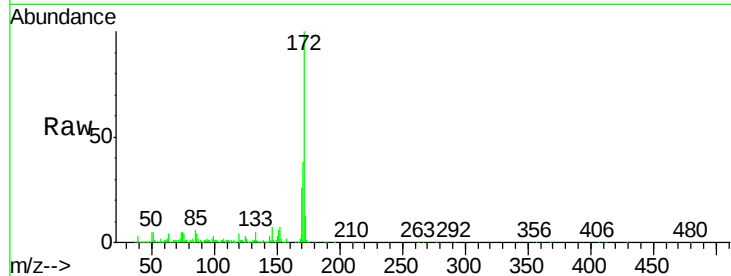
BNA_G

ClientSampleId :

W-53

Tgt Ion:172 Resp: 1195569

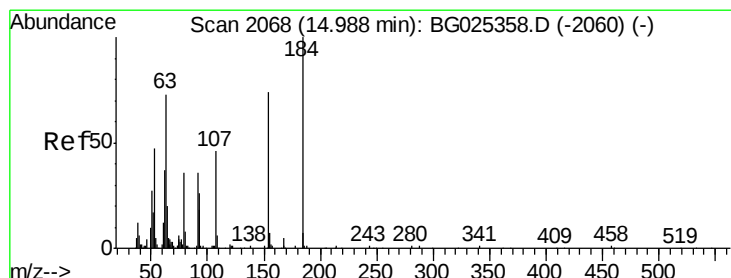
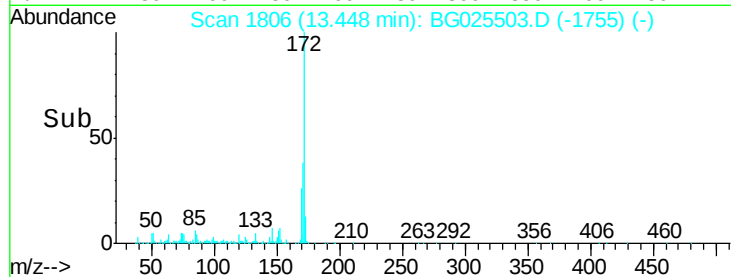
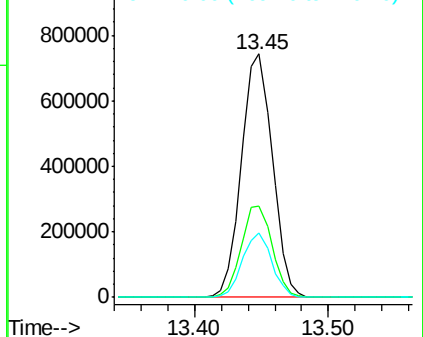
Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	26.2	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#53

2,4-Dinitrophenol

Concen: 5.13 ng

RT: 14.99 min Scan# 2068

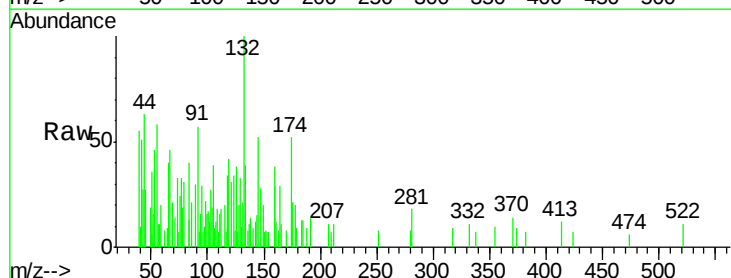
Delta R.T. 0.02 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Tgt Ion:184 Resp: 118

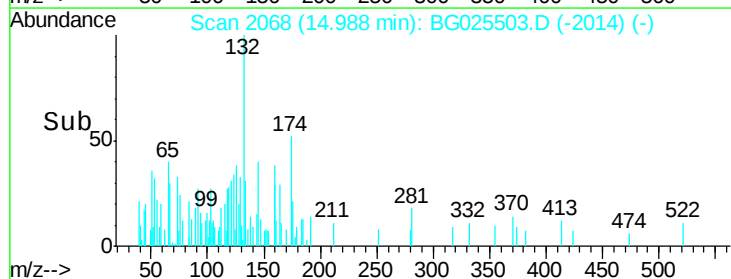
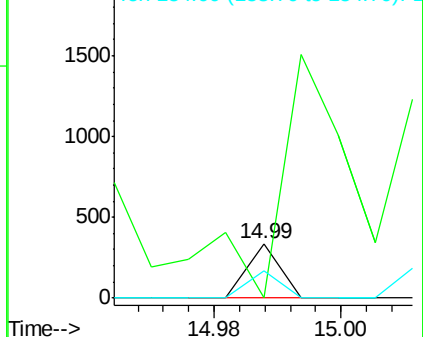
Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	50.3	57.3	85.9#

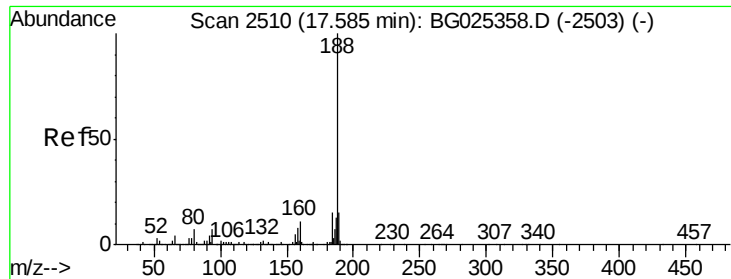


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Instrument :

BNA_G

ClientSampleId :

W-53

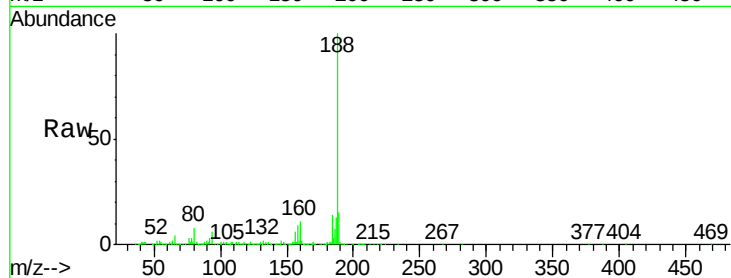
Tgt Ion:188 Resp: 427767

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

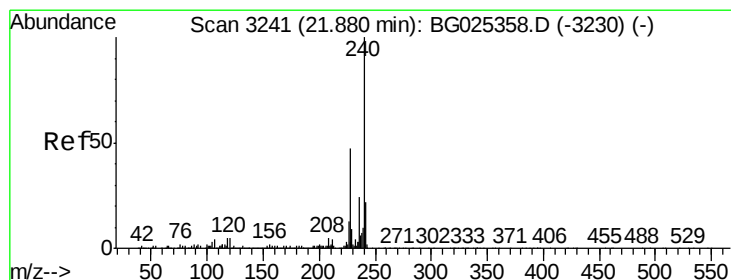
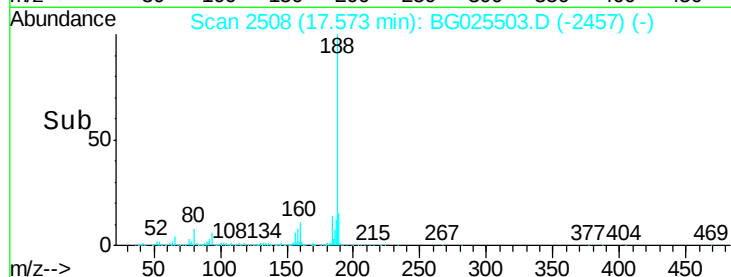
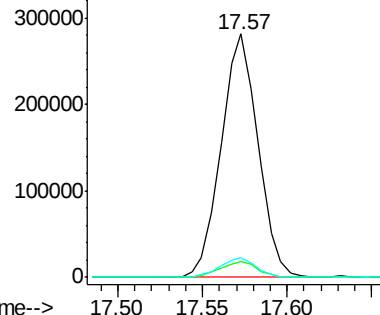
80 8.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

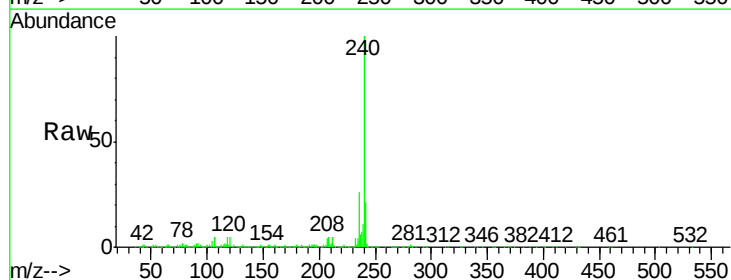
Tgt Ion:240 Resp: 626156

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

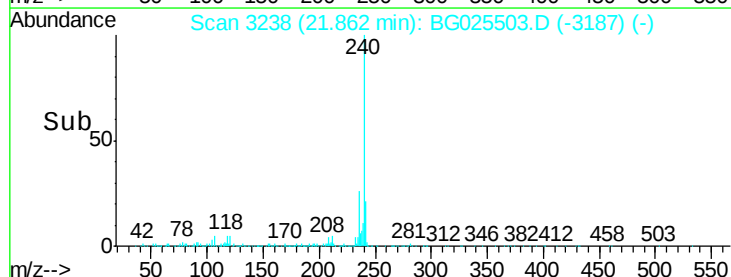
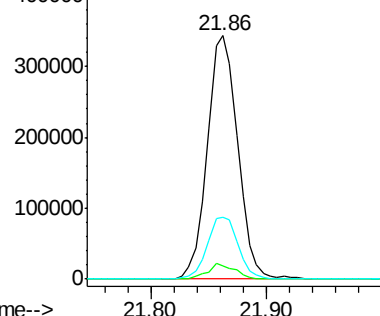
236 25.6 22.2 33.4

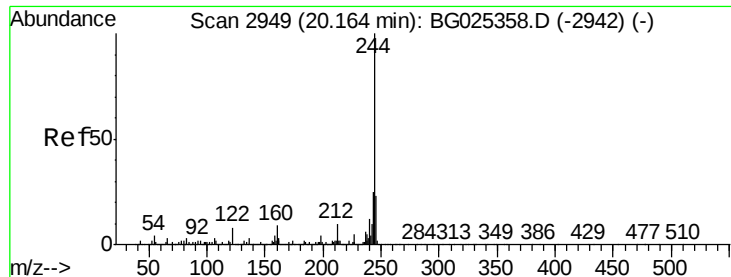


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.50 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

Instrument :

BNA_G

ClientSampleId :

W-53

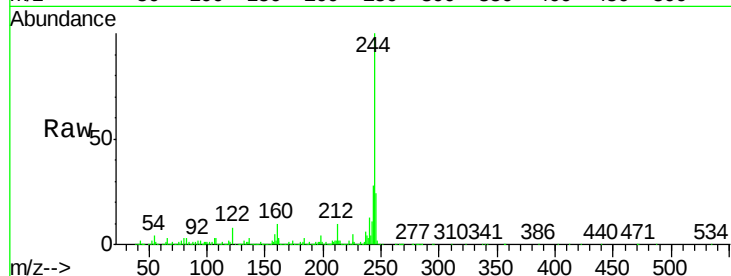
Tgt Ion:244 Resp: 2373456

Ion Ratio Lower Upper

244 100

212 10.2 10.0 15.0

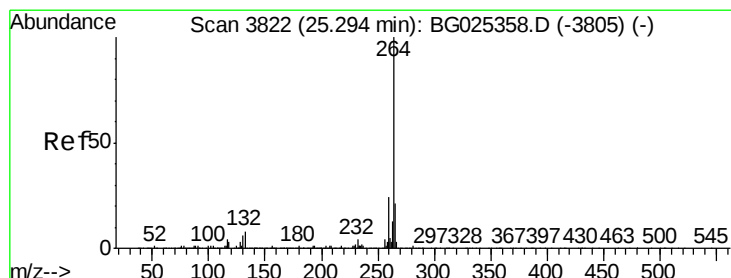
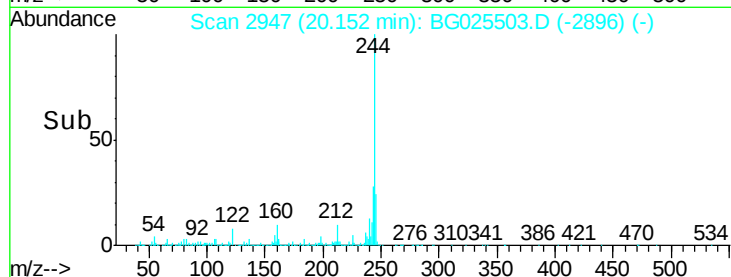
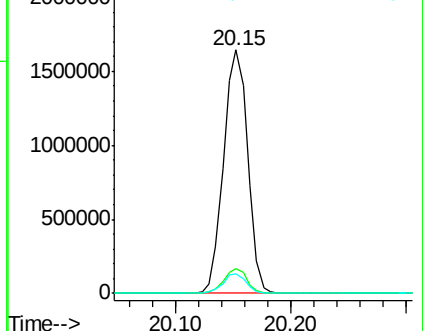
122 8.0 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. -0.01 min

Lab File: BG025503.D

Acq: 13 Jan 2017 4:56

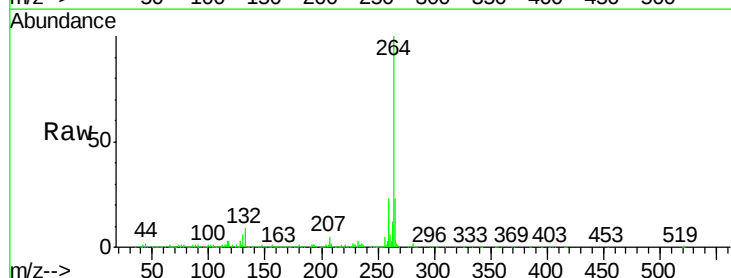
Tgt Ion:264 Resp: 670351

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 23.1 18.2 27.4



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

