

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016622.D
 Acq On : 22 Apr 2015 16:45
 Operator : TP/IZ
 Sample : G1948-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Apr 23 02:00:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

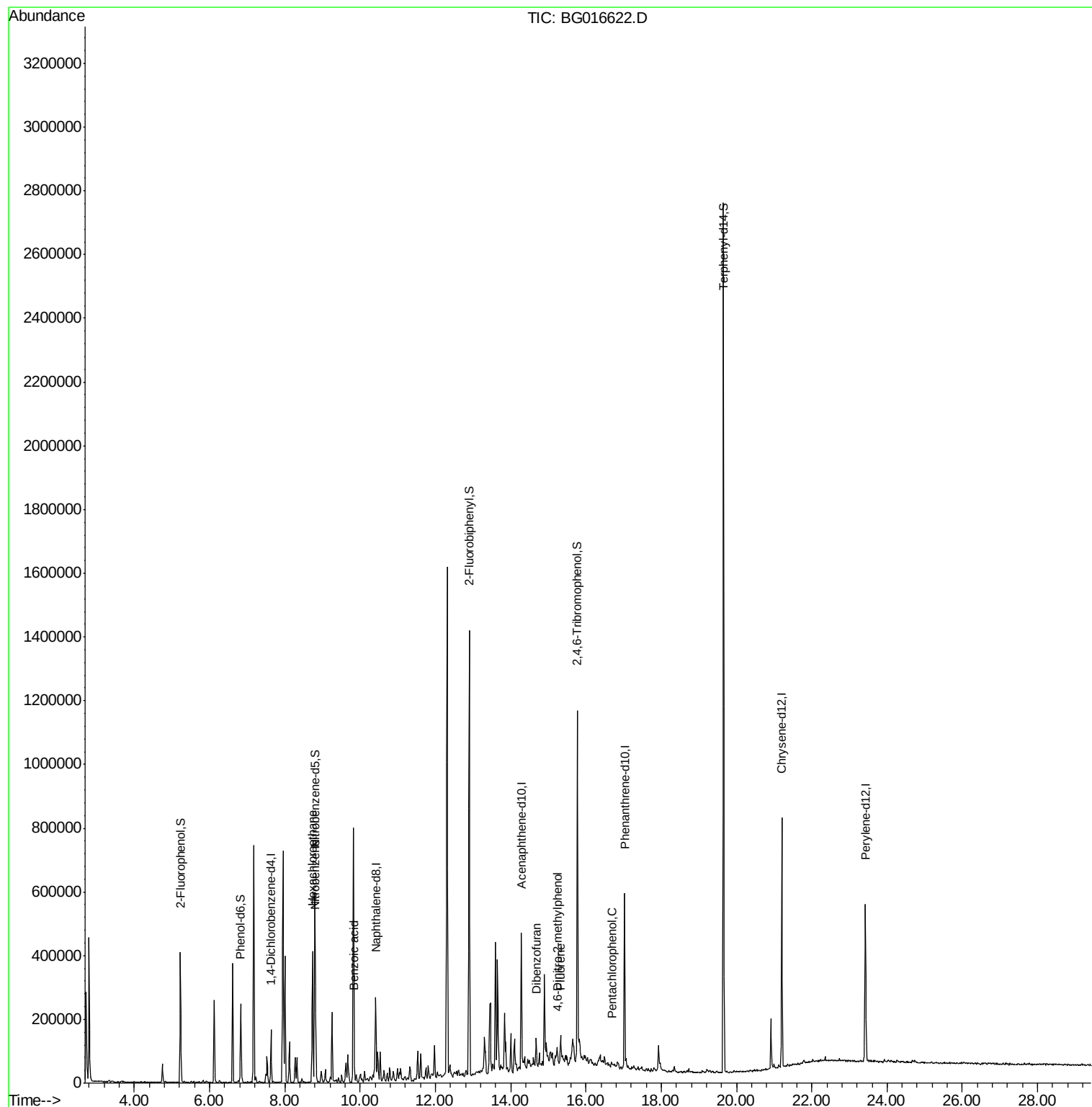
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	48081	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	206085	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	124423	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	293032	20.00	ng	0.00
75) Chrysene-d12	21.20	240	299538	20.00	ng	0.00
86) Perylene-d12	23.42	264	278118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	199291	66.43	ng	0.00
7) Phenol-d6	6.83	99	171301	40.87	ng	0.00
23) Nitrobenzene-d5	8.79	82	312667	93.42	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	149198	176.55	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	695635	92.59	ng	0.00
78) Terphenyl-d14	19.65	244	993583	79.91	ng	0.00
Target Compounds						
18) Hexachloroethane	8.74	117	56050	41.01	ng	# 1
24) Nitrobenzene	8.82	77	10734	3.08	ng	# 5
32) Benzoic acid	9.85	122	53	7.03	ng	# 1
54) Dibenzofuran	14.68	168	28831	2.63	ng	# 91
57) Fluorene	15.33	166	22667	2.35	ng	# 98
64) 4,6-Dinitro-2-methylphenol	15.26	198	611	4.40	ng	# 1
69) Pentachlorophenol	16.69	266	363	6.50	ng	# 80

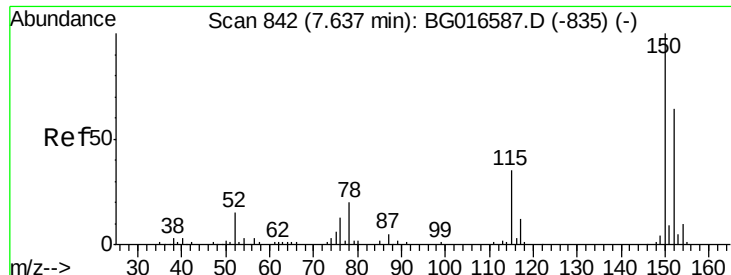
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
Data File : BG016622.D
Acq On : 22 Apr 2015 16:45
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ALS Vial : 7 Sample Multiplier: 1

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BNA_G
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MW-13

Quant Time: Apr 23 02:00:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

Instrument :

BNA_G

ClientSampleId :

MW-13

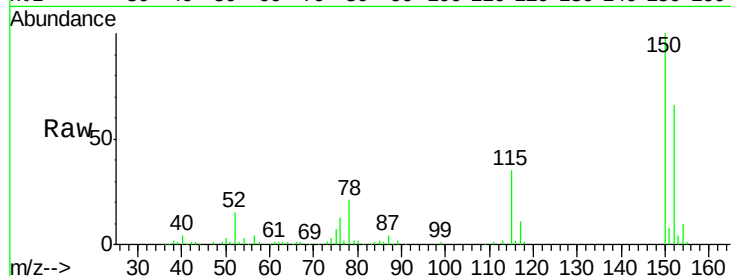
Tgt Ion:152 Resp: 48081

Ion Ratio Lower Upper

152 100

150 151.2 125.5 188.3

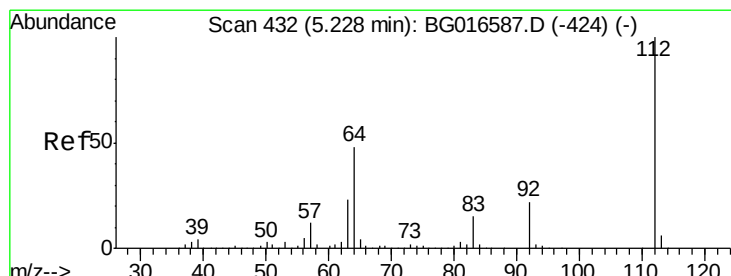
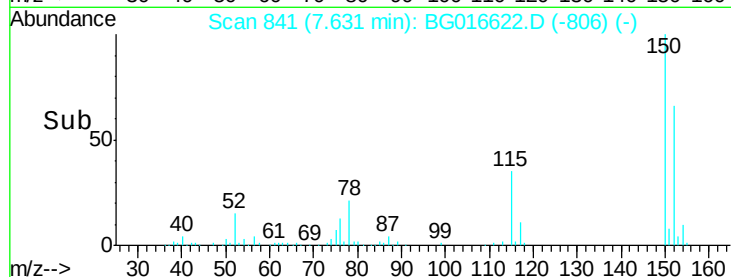
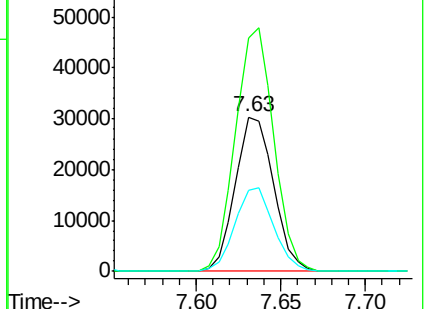
115 52.3 44.5 66.7



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: 66.43 ng

RT: 5.23 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

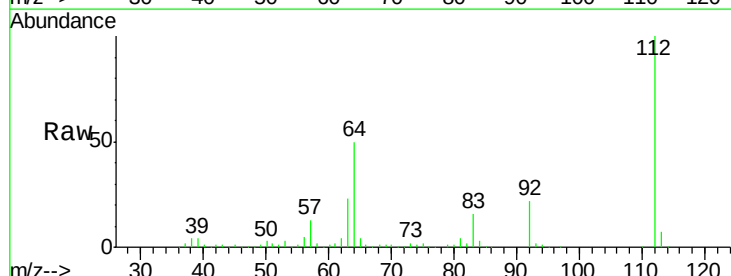
Tgt Ion:112 Resp: 199291

Ion Ratio Lower Upper

112 100

64 50.4 38.5 57.7

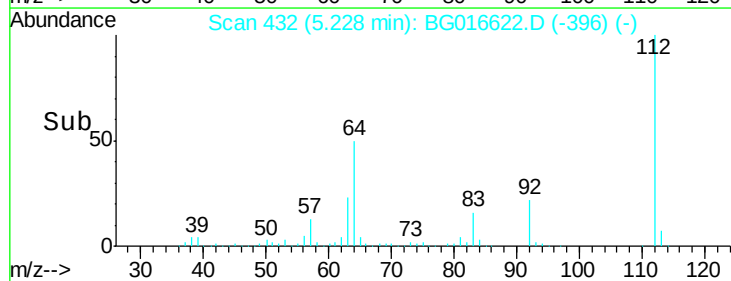
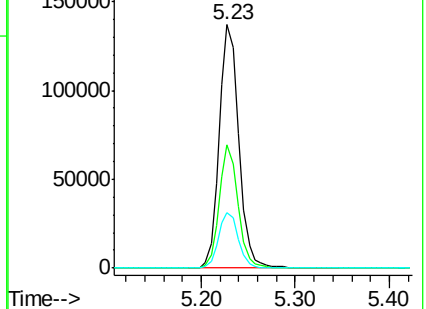
63 23.0 18.2 27.4

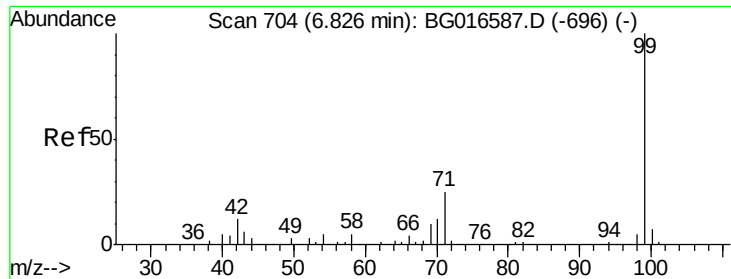


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.87 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

Instrument :

BNA_G

ClientSampled :

MW-13

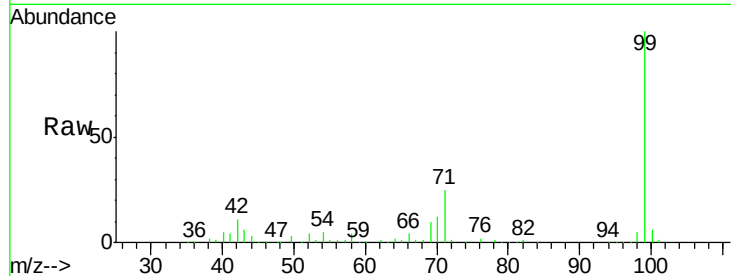
Tgt Ion: 99 Resp: 171301

Ion Ratio Lower Upper

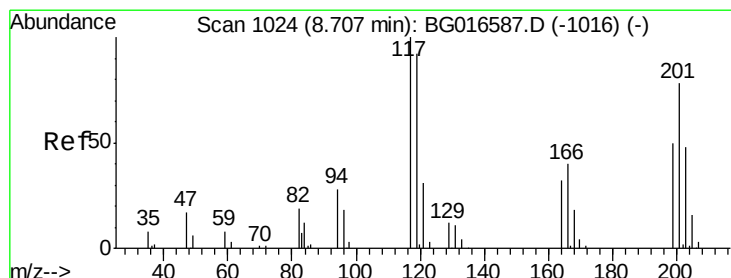
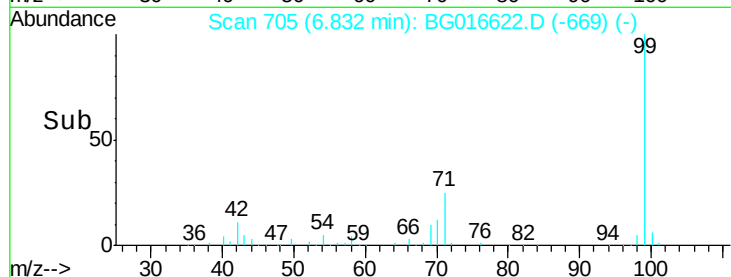
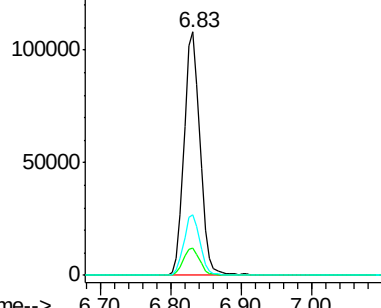
99 100

42 11.2 9.5 14.3

71 24.8 20.2 30.2



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



#18

Hexachloroethane

Concen: 41.01 ng

RT: 8.74 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

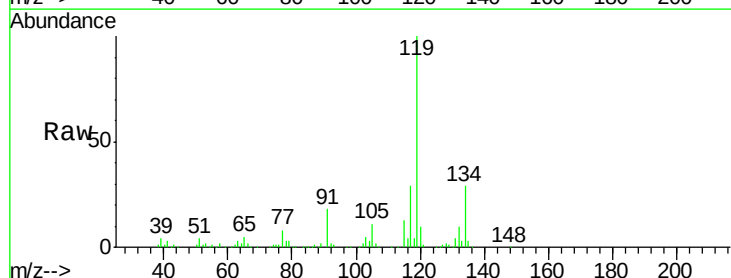
Tgt Ion: 117 Resp: 56050

Ion Ratio Lower Upper

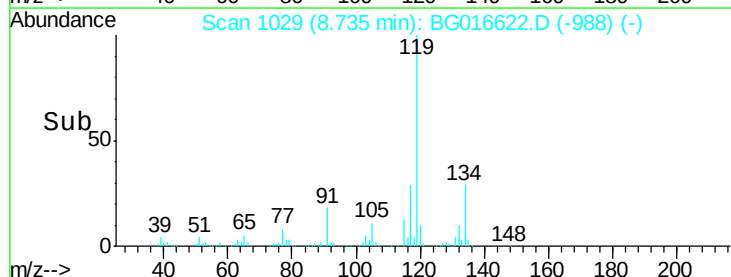
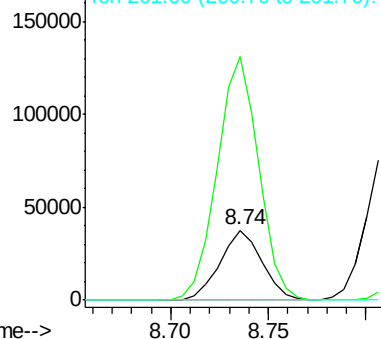
117 100

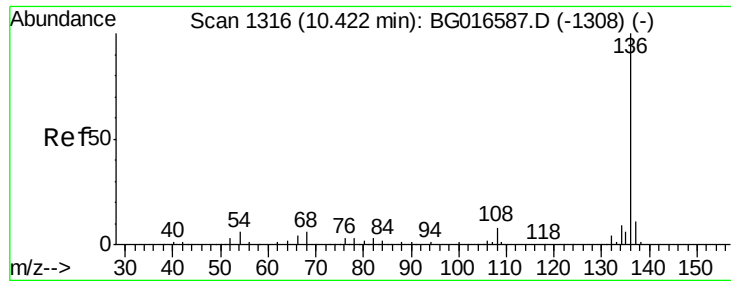
119 348.1 73.8 110.8#

201 0.0 62.2 93.2#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

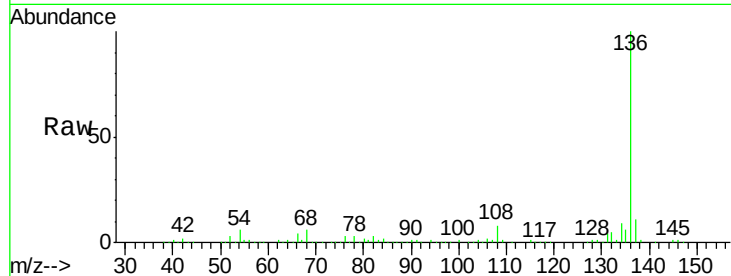




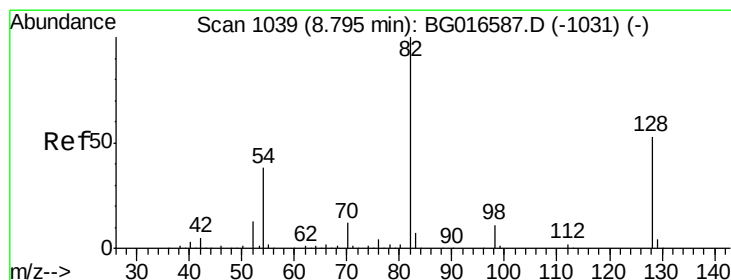
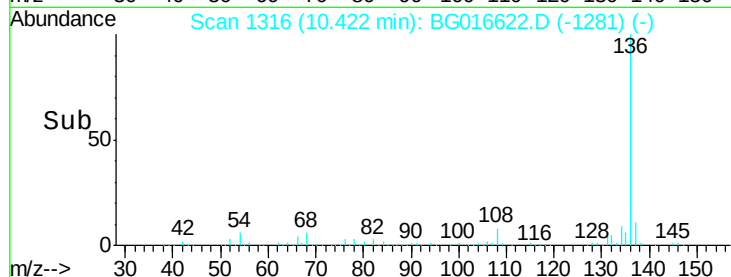
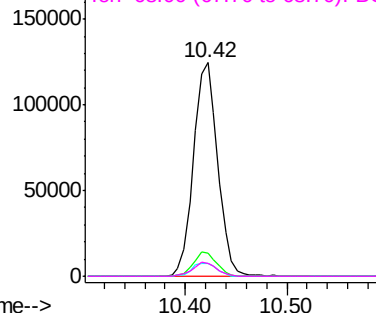
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016622.D
Acq: 22 Apr 2015 16:45

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:	136	Resp:	206085
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.1	4.9	7.3
68	6.3	4.9	7.3

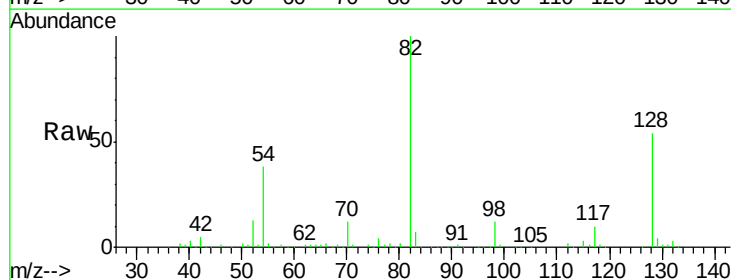


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

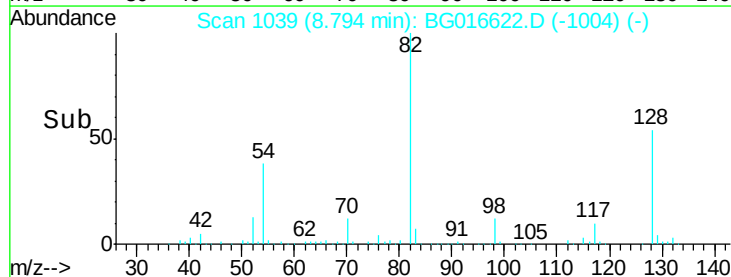
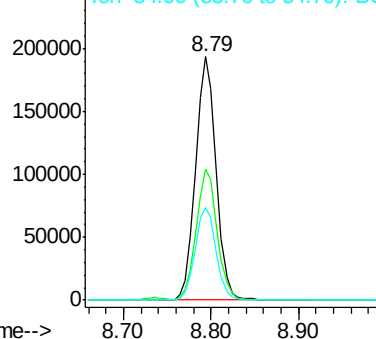


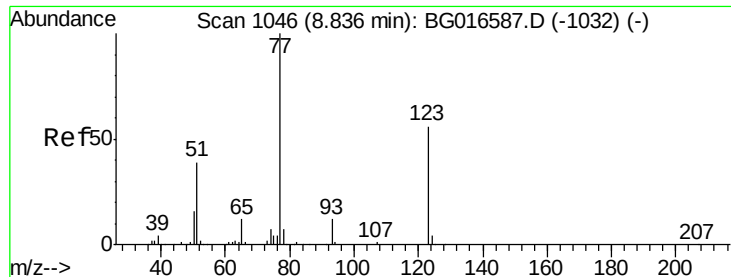
#23
Nitrobenzene-d5
Concen: 93.42 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016622.D
Acq: 22 Apr 2015 16:45

Tgt Ion:	82	Resp:	312667
Ion	Ratio	Lower	Upper
82	100		
128	53.8	42.7	64.1
54	38.1	30.6	45.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

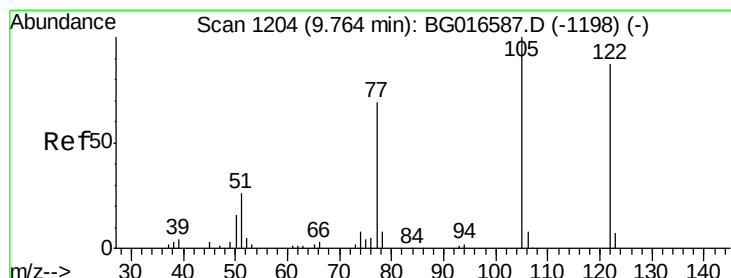
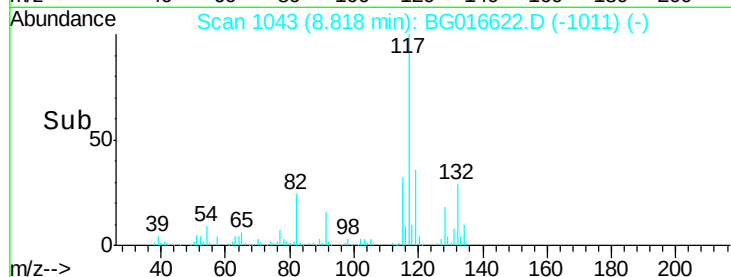
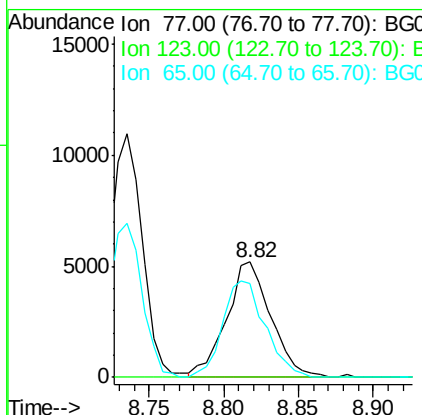
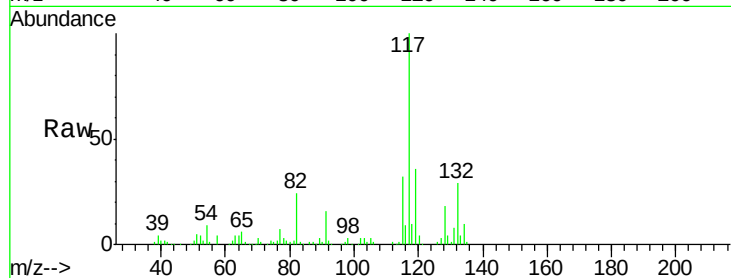




#24
 Nitrobenzene
 Concen: 3.08 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016622.D
 Acq: 22 Apr 2015 16:45

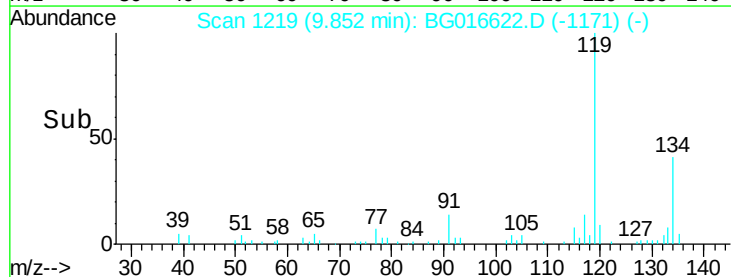
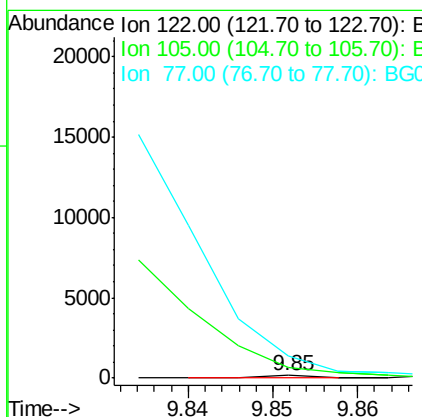
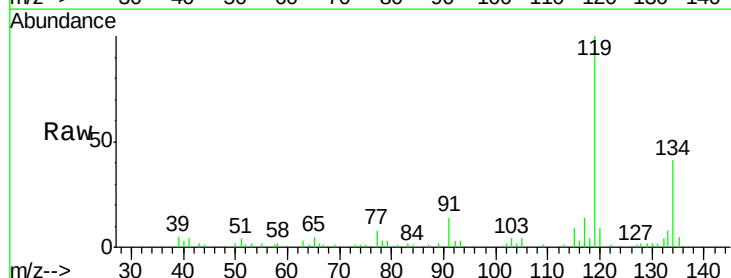
Instrument :
 BNA_G
 ClientSampled :
 MW-13

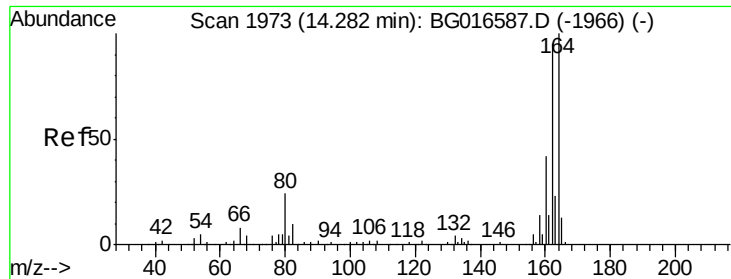
Tgt Ion: 77 Resp: 10734
 Ion Ratio Lower Upper
 77 100
 123 0.0 44.8 67.2#
 65 81.4 9.8 14.6#



#32
 Benzoic acid
 Concen: 7.03 ng
 RT: 9.85 min Scan# 1219
 Delta R.T. 0.08 min
 Lab File: BG016622.D
 Acq: 22 Apr 2015 16:45

Tgt Ion: 122 Resp: 53
 Ion Ratio Lower Upper
 122 100
 105 434.0 95.5 135.5#
 77 916.7 60.2 100.2#

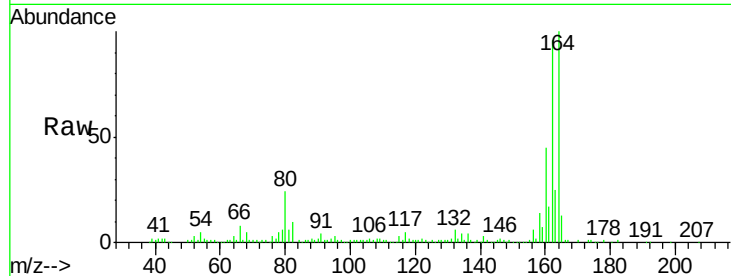




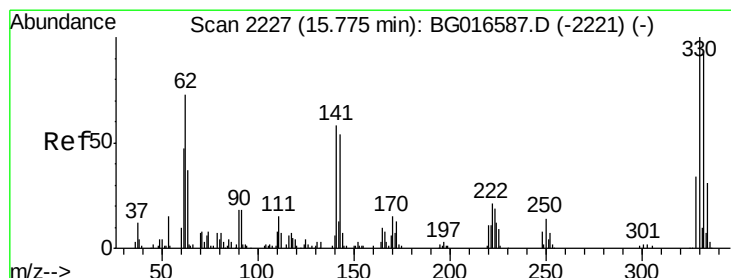
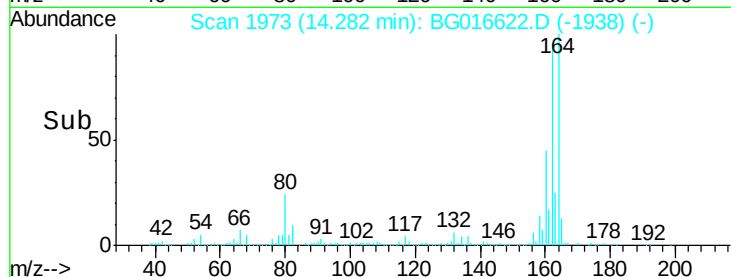
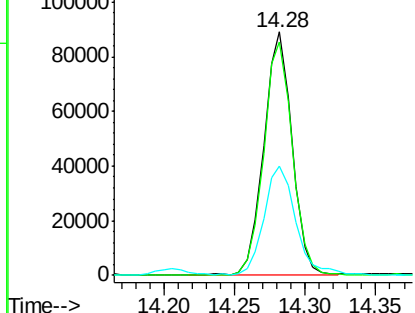
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BG016622.D
 Acq: 22 Apr 2015 16:45

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Tgt Ion:164 Resp: 124423
 Ion Ratio Lower Upper
 164 100
 162 96.1 75.8 113.6
 160 45.1 33.8 50.6

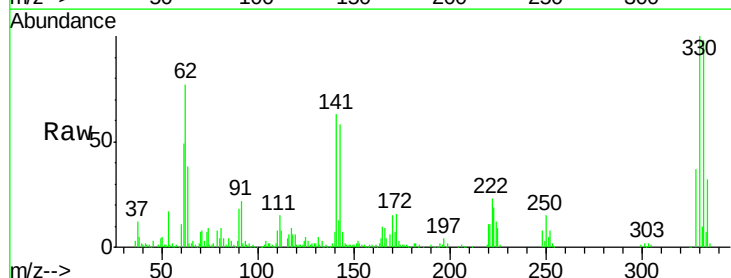


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

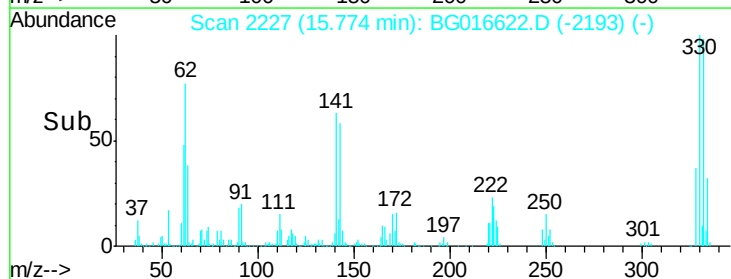
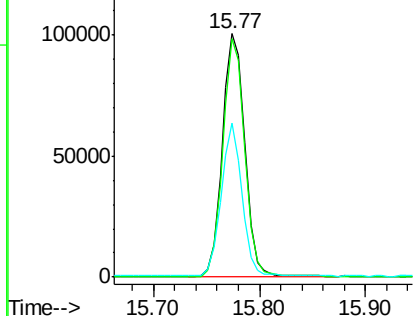


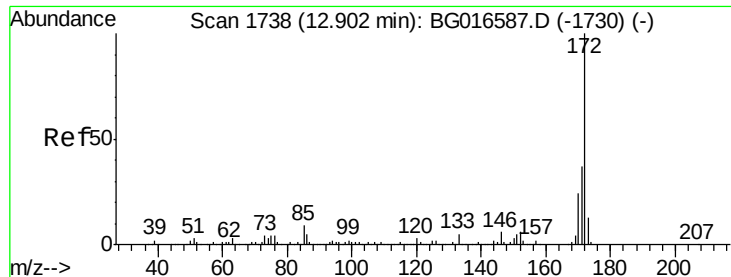
#41
 2,4,6-Tribromophenol
 Concen: 176.55 ng
 RT: 15.77 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG016622.D
 Acq: 22 Apr 2015 16:45

Tgt Ion:330 Resp: 149198
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 57.5 45.9 68.9



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

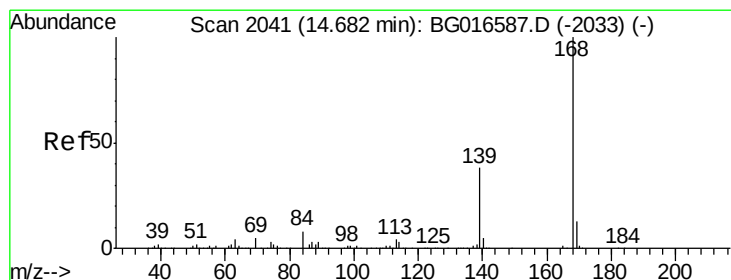
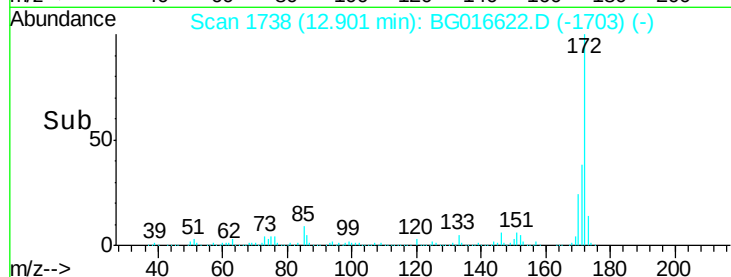
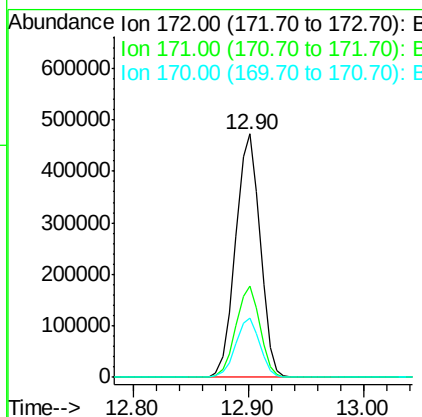
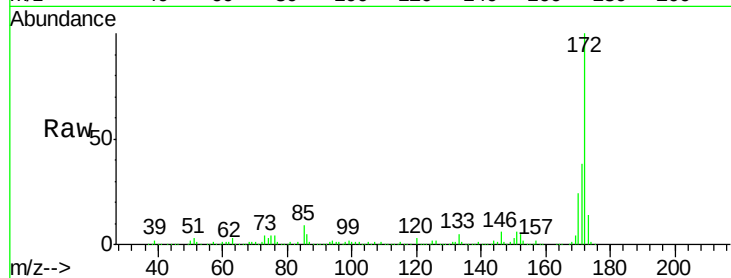




#44
2-Fluorobiphenyl
Concen: 92.59 ng
RT: 12.90 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG016622.D
Acq: 22 Apr 2015 16:45

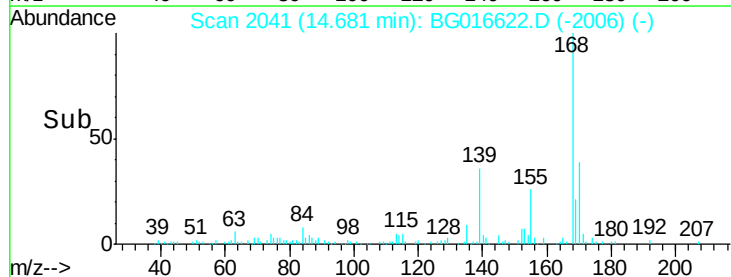
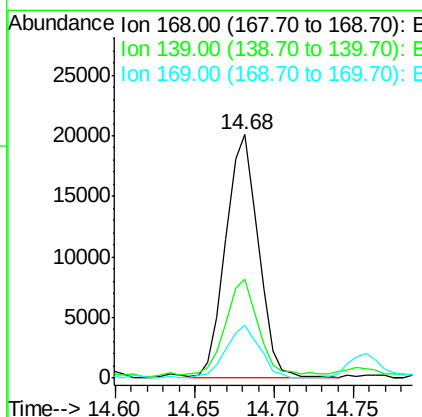
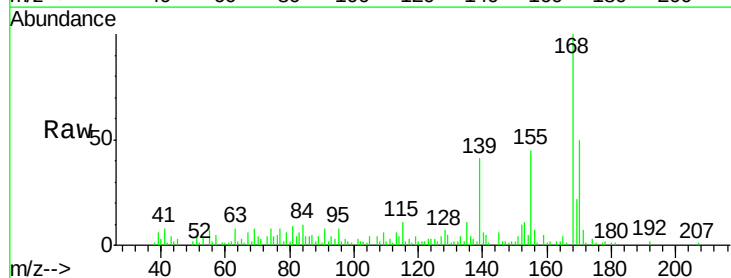
Instrument :
BNA_G
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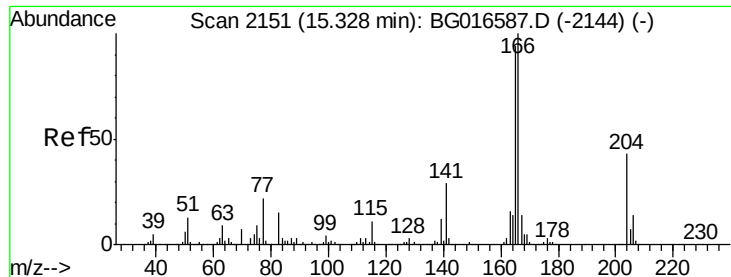
Tgt Ion:172 Resp: 695635
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 24.1 19.4 29.0



#54
Dibenzofuran
Concen: 2.63 ng
RT: 14.68 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG016622.D
Acq: 22 Apr 2015 16:45

Tgt Ion:168 Resp: 28831
Ion Ratio Lower Upper
168 100
139 40.7 30.2 45.2
169 21.6 10.8 16.2#





#57

Fluorene

Concen: 2.35 ng

RT: 15.33 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

Instrument :

BNA_G

ClientSampleId :

MW-13

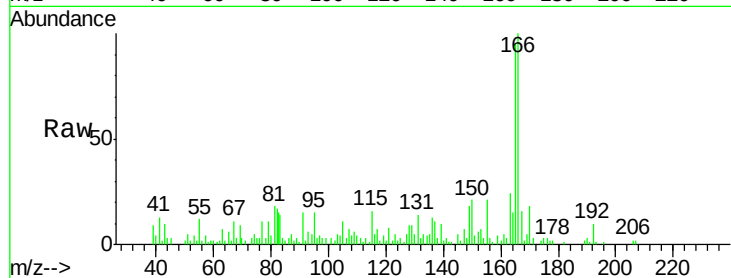
Tgt Ion:166 Resp: 22667

Ion Ratio Lower Upper

166 100

165 95.2 75.4 113.0

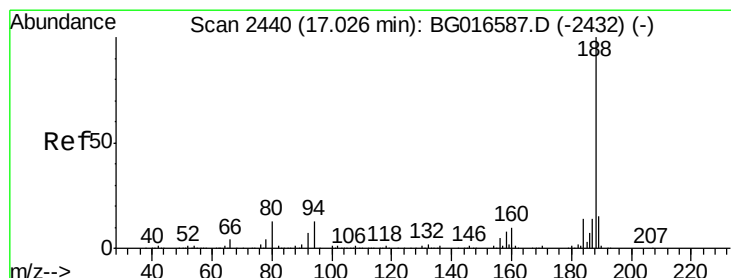
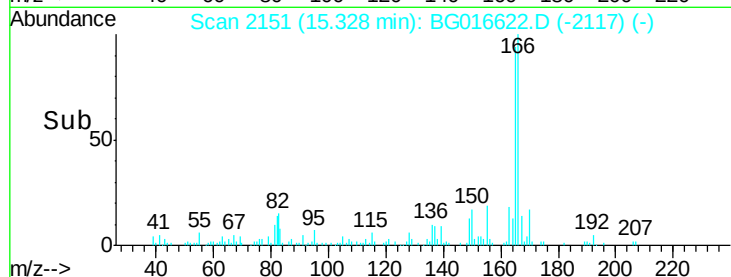
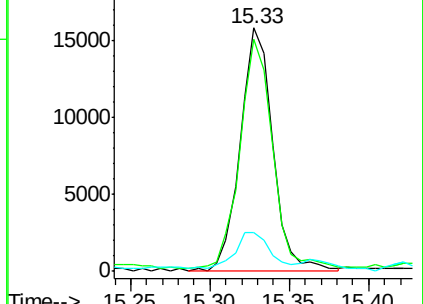
167 15.9 11.2 16.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.03 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

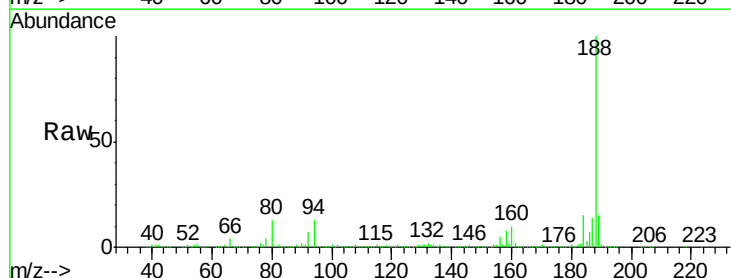
Tgt Ion:188 Resp: 293032

Ion Ratio Lower Upper

188 100

94 12.7 10.5 15.7

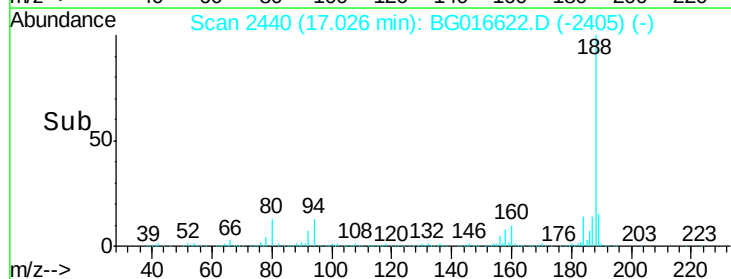
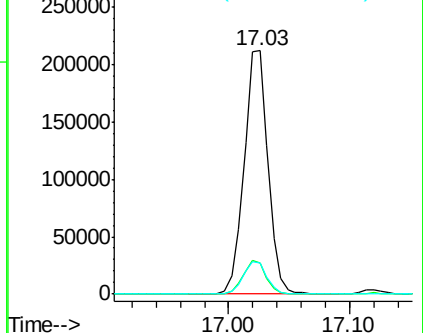
80 12.9 10.6 16.0

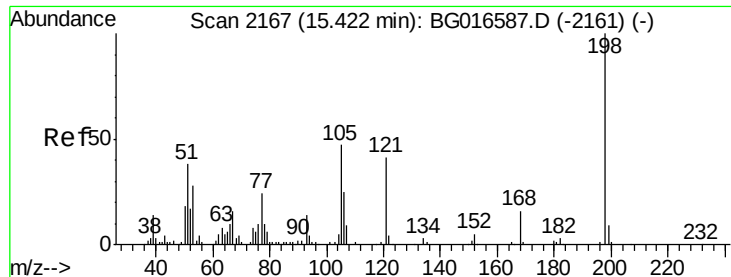


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.40 ng

RT: 15.26 min Scan# 2139

Delta R.T. -0.17 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

Instrument :

BNA_G

ClientSampleId :

MW-13

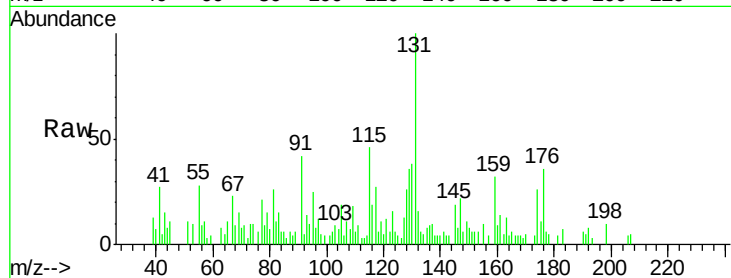
Tgt Ion:198 Resp: 611

Ion Ratio Lower Upper

198 100

51 105.1 18.6 58.6#

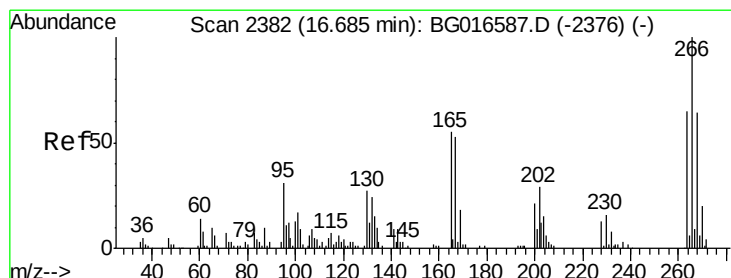
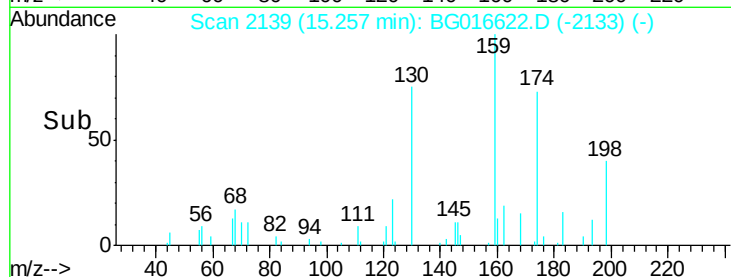
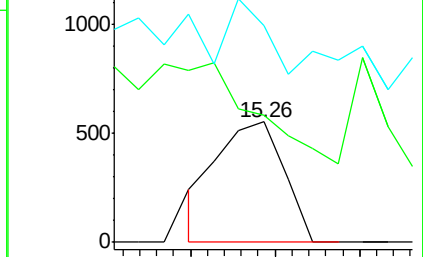
105 179.8 27.7 67.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#69

Pentachlorophenol

Concen: 6.50 ng

RT: 16.69 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

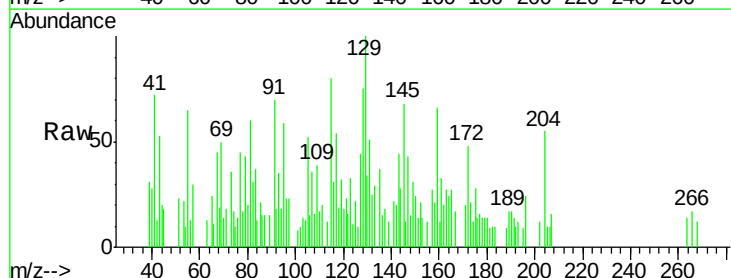
Tgt Ion:266 Resp: 363

Ion Ratio Lower Upper

266 100

268 74.3 51.3 76.9

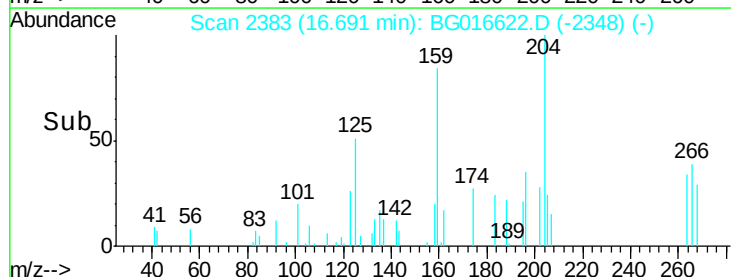
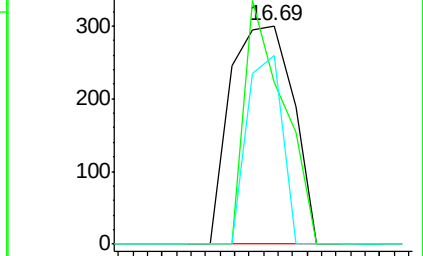
264 86.3 52.2 78.4#

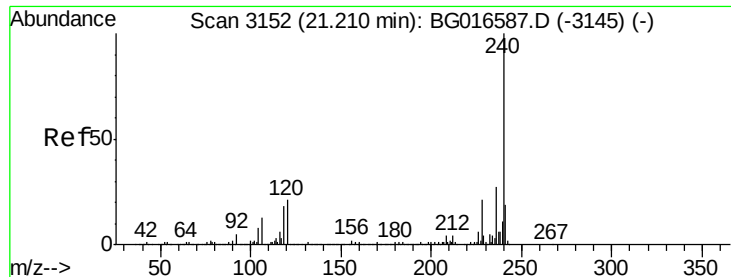


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

Instrument :

BNA_G

ClientSampleId :

MW-13

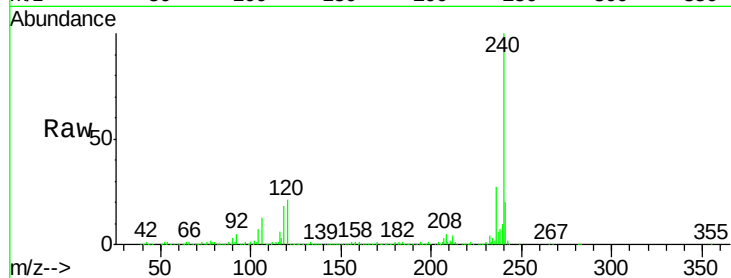
Tgt Ion:240 Resp: 299538

Ion Ratio Lower Upper

240 100

120 20.7 16.7 25.1

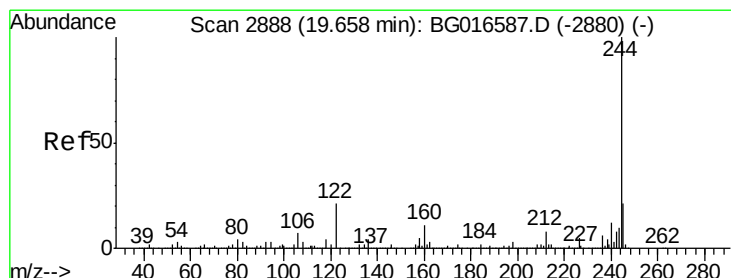
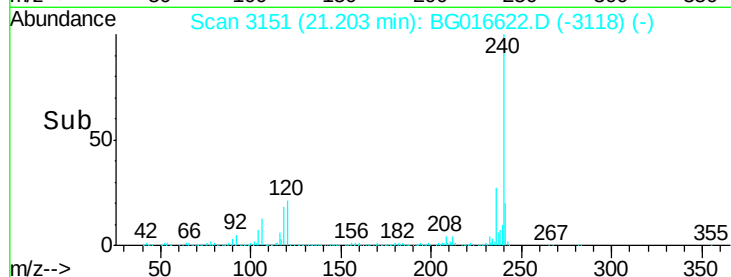
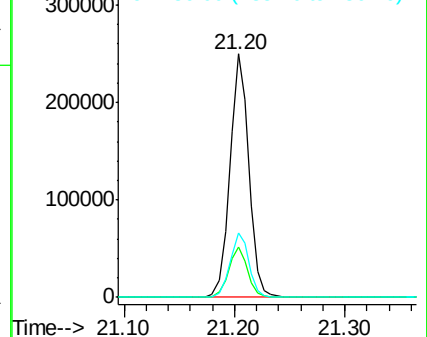
236 26.5 21.7 32.5



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: 79.91 ng

RT: 19.65 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG016622.D

Acq: 22 Apr 2015 16:45

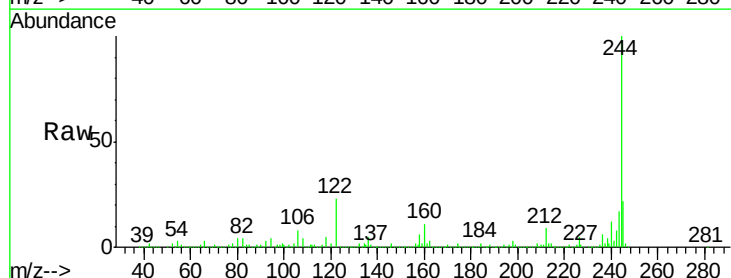
Tgt Ion:244 Resp: 993583

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

122 23.1 17.0 25.6



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

