

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011217\
 Data File : BG025506.D
 Acq On : 13 Jan 2017 6:56
 Operator : UM/SJ
 Sample : I1138-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Jan 13 12:40:16 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

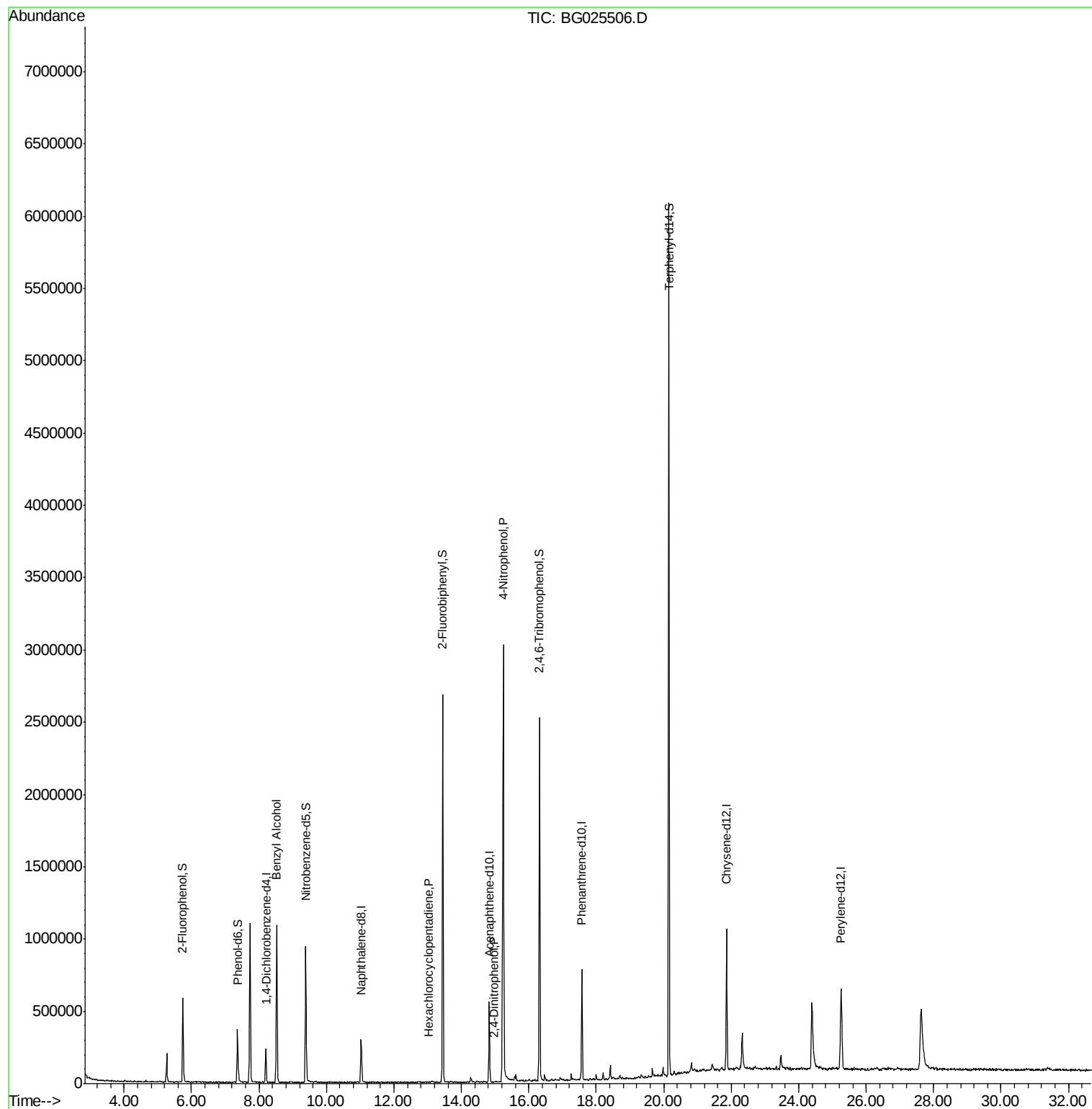
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60218	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	245985	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	204593	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	467737	20.00	ng	0.00
75) Chrysene-d12	21.86	240	653962	20.00	ng	0.00
86) Perylene-d12	25.26	264	688510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	227452	68.66	ng	0.00
7) Phenol-d6	7.36	99	206223	44.20	ng	0.00
23) Nitrobenzene-d5	9.38	82	630752	113.28	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	475910	144.48	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1352644	107.04	ng	0.00
78) Terphenyl-d14	20.15	244	2413138	97.84	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	10668	2.39	ng	# 36
40) Hexachlorocyclopentadiene	13.03	237	68	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	55	5.10	ng	# 15
55) 4-Nitrophenol	15.25	139	5190	2.22	ng	# 88

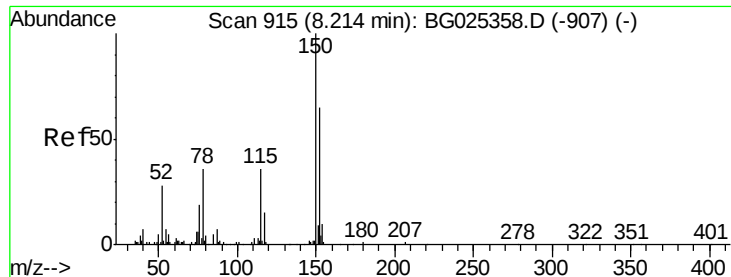
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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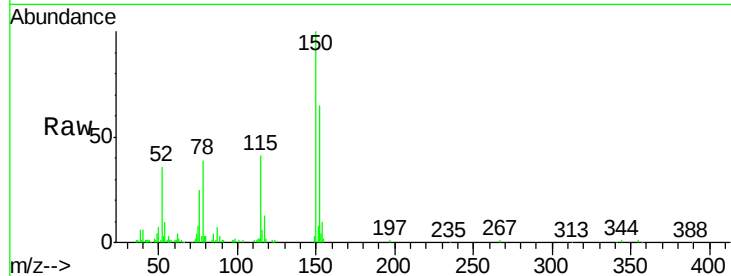


#1

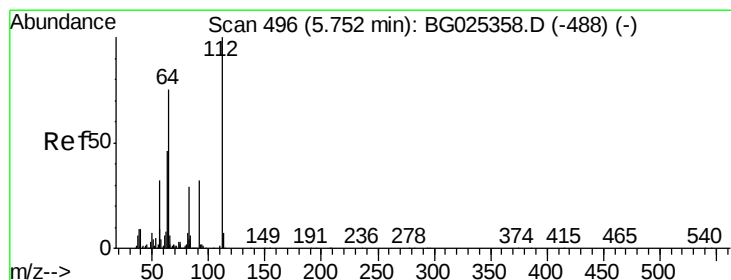
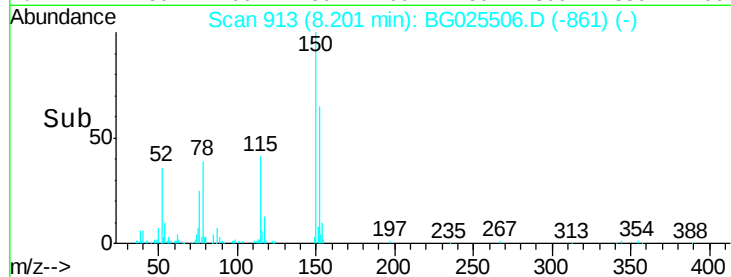
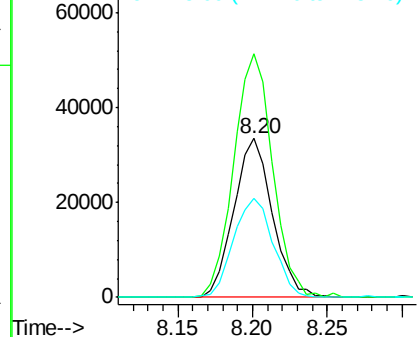
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025506.D
Acq: 13 Jan 2017 6:56

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 60218
Ion Ratio Lower Upper
152 100
150 153.4 114.0 171.0
115 62.4 48.1 72.1



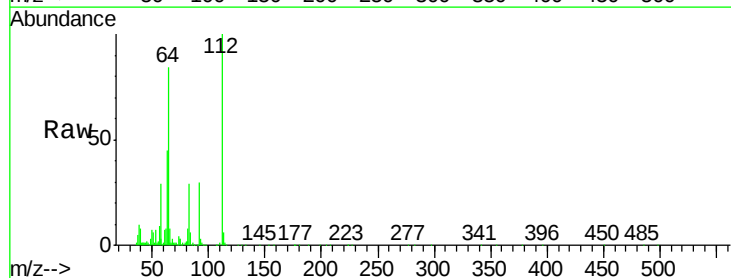
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



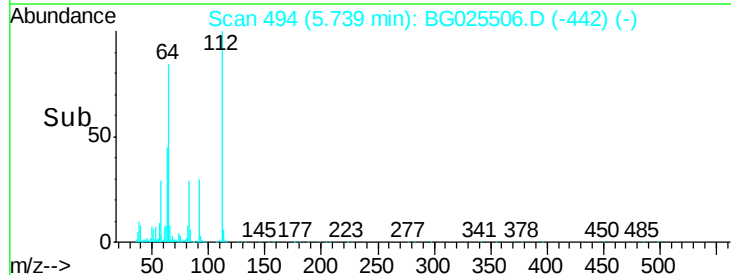
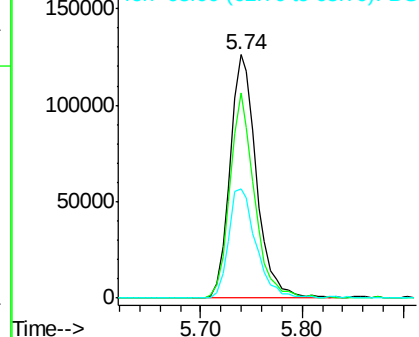
#5

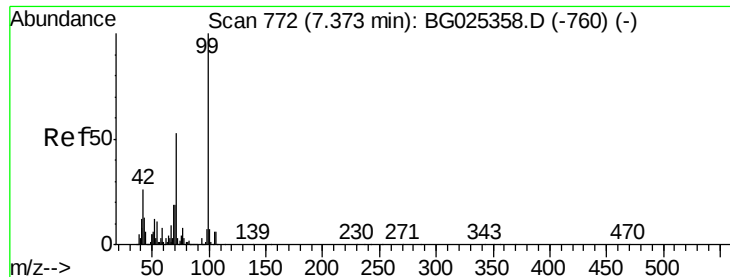
2-Fluorophenol
Concen: 68.66 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025506.D
Acq: 13 Jan 2017 6:56

Tgt Ion:112 Resp: 227452
Ion Ratio Lower Upper
112 100
64 84.0 61.8 92.6
63 44.9 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: 44.20 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

Instrument :

BNA_G

ClientSampleId :

MW-1

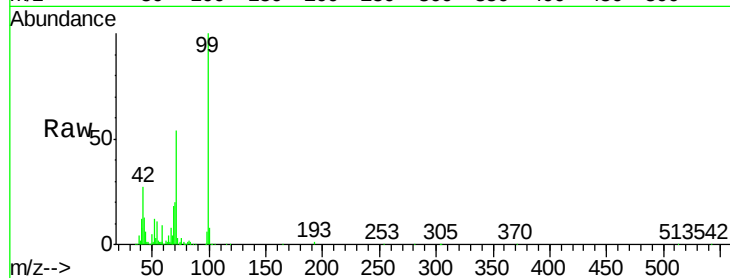
Tgt Ion: 99 Resp: 206223

Ion Ratio Lower Upper

99 100

42 27.0 20.5 30.7

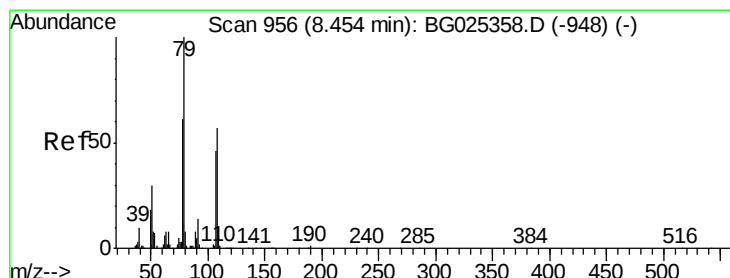
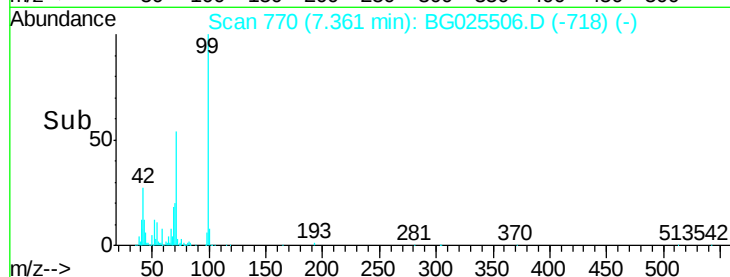
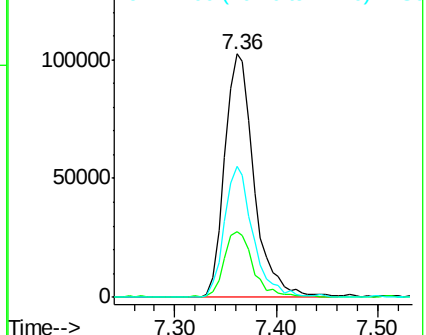
71 53.7 37.6 56.4



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: 2.39 ng

RT: 8.52 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

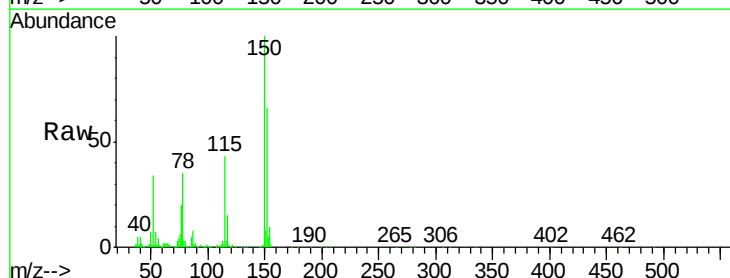
Tgt Ion: 79 Resp: 10668

Ion Ratio Lower Upper

79 100

108 27.3 45.5 68.3#

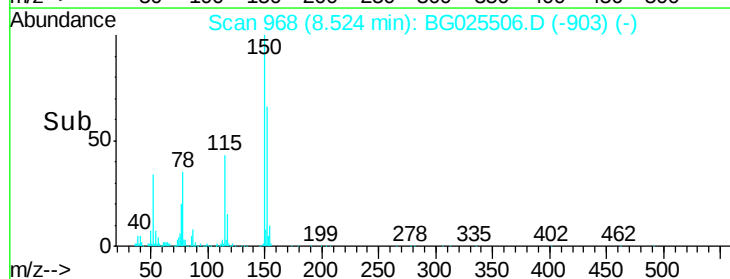
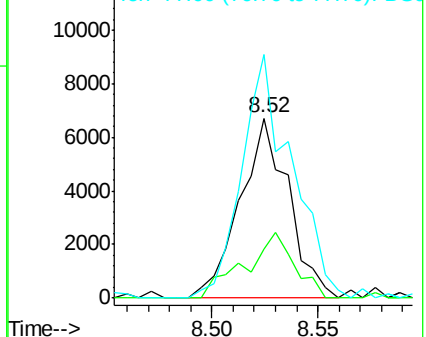
77 135.4 54.3 81.5#

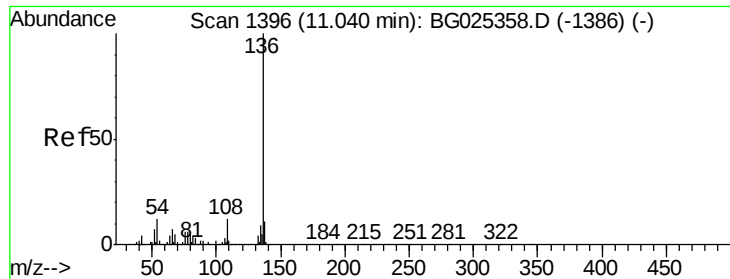


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

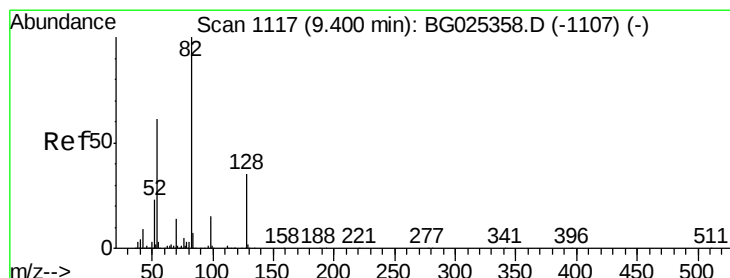
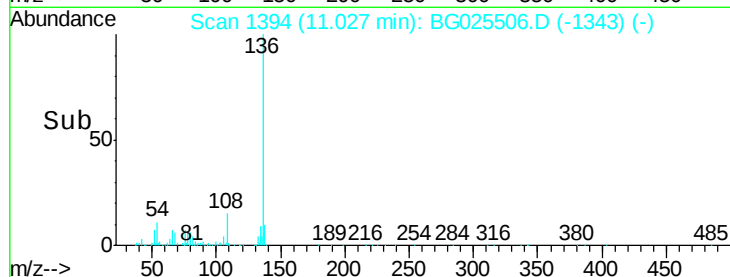
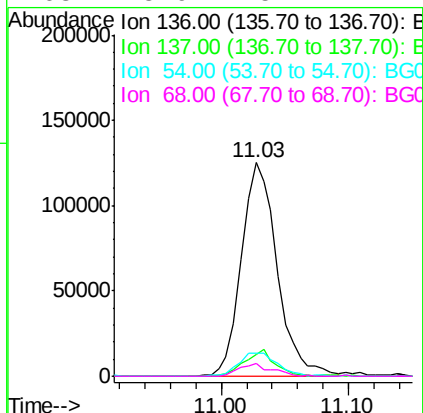
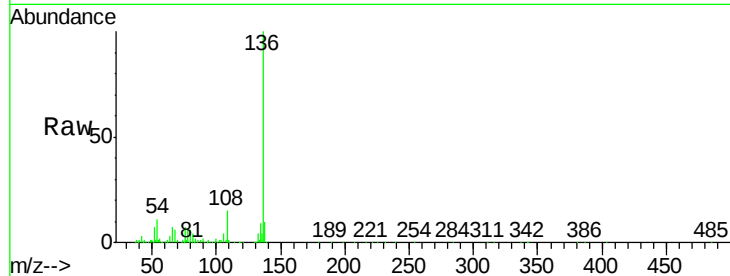




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025506.D
Acq: 13 Jan 2017 6:56

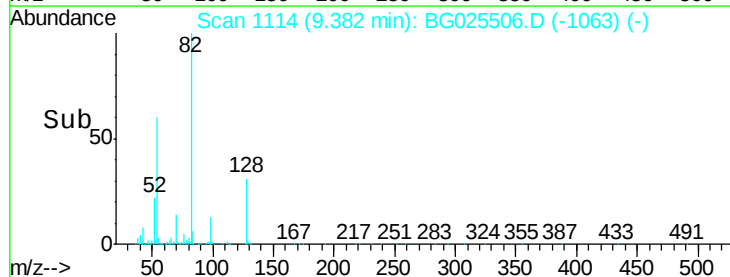
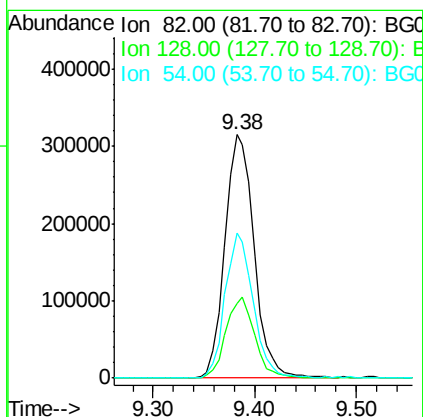
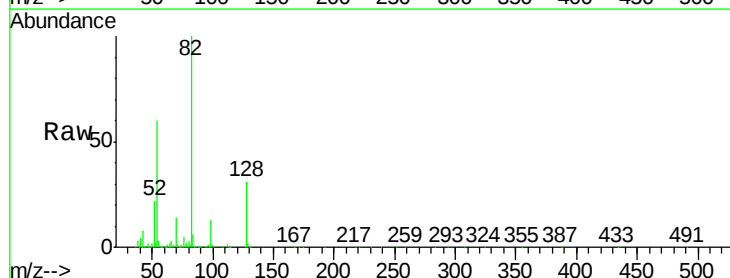
Instrument :
BNA_G
ClientSampleId :
MW-1

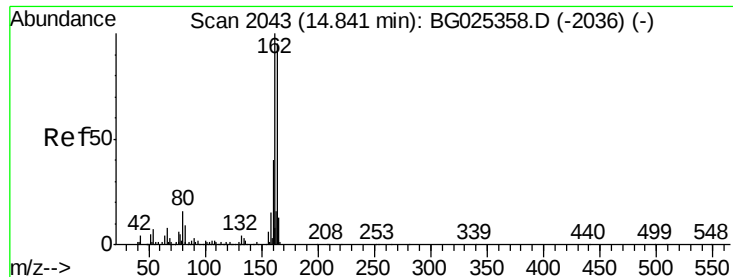
Tgt Ion:	136	Resp:	245985
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	10.9	9.3	13.9
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 113.28 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025506.D
Acq: 13 Jan 2017 6:56

Tgt Ion:	82	Resp:	630752
Ion	Ratio	Lower	Upper
82	100		
128	30.7	26.4	39.6
54	59.8	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

Instrument :

BNA_G

ClientSampleId :

MW-1

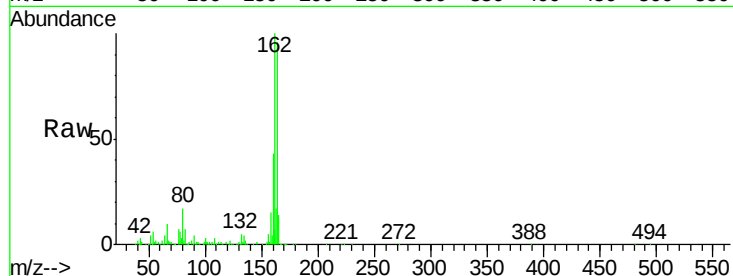
Tgt Ion:164 Resp: 204593

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

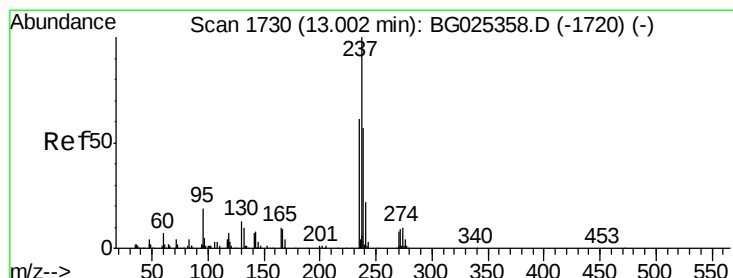
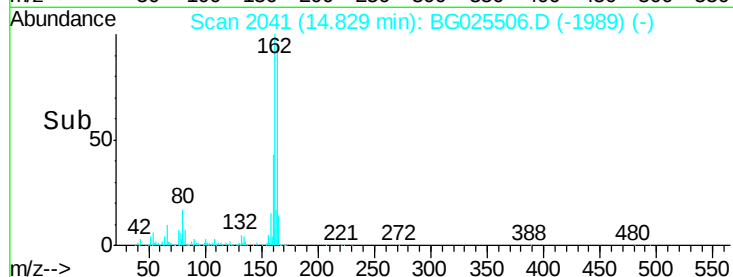
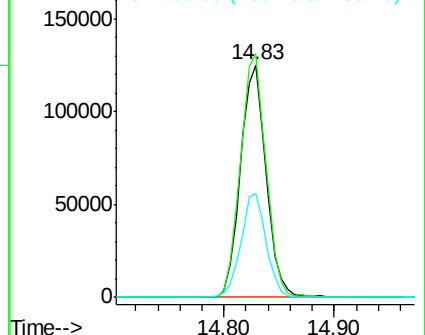
160 44.8 34.7 52.1



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: 8.54 ng

RT: 13.03 min Scan# 1735

Delta R.T. 0.04 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

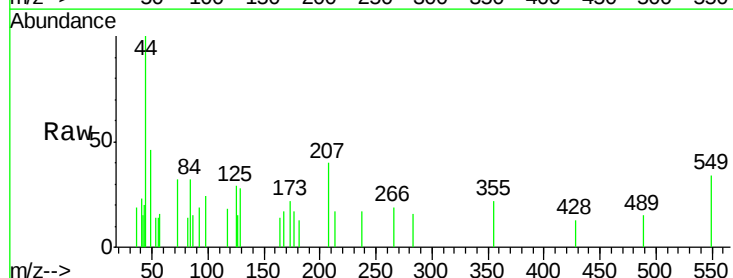
Tgt Ion:237 Resp: 68

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

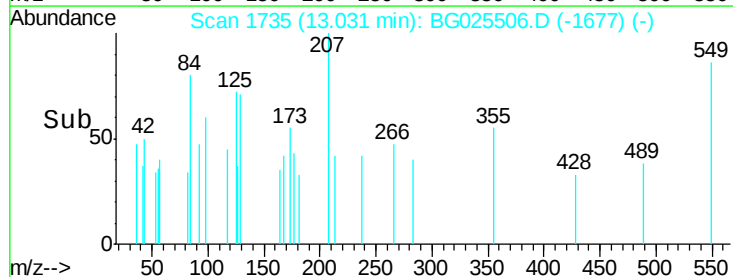
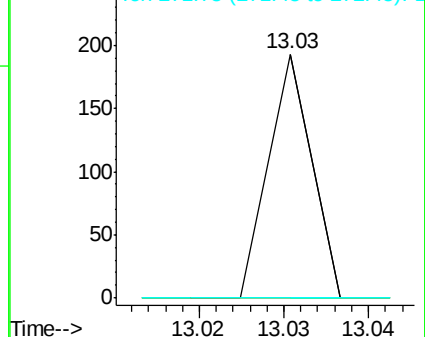
272 0.0 0.0 32.0



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

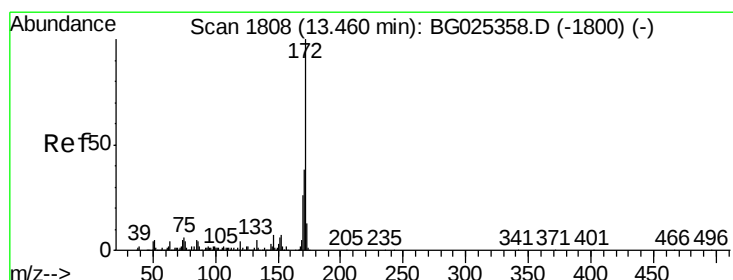
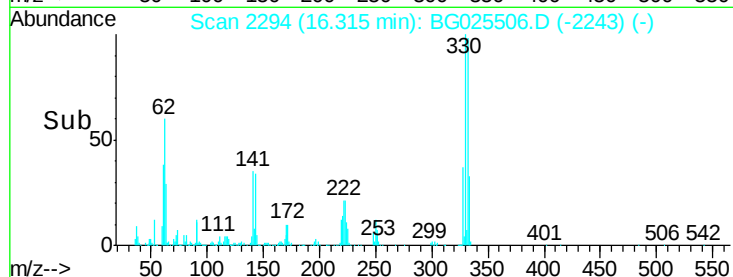
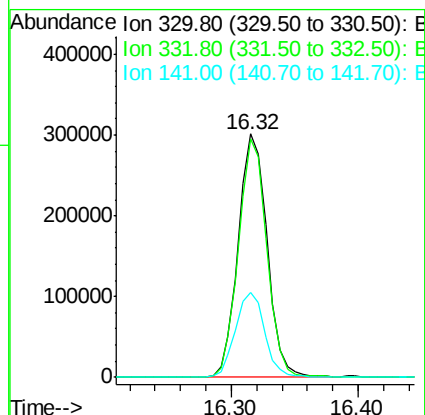
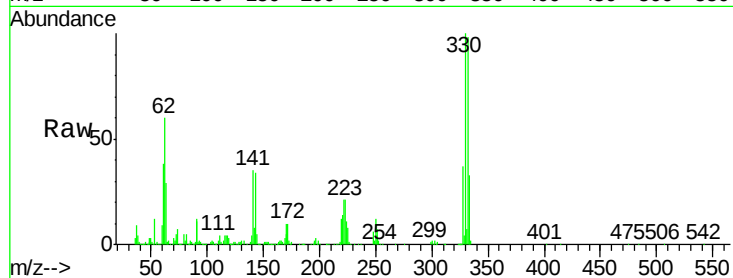




#41
 2,4,6-Tribromophenol
 Concen: 144.48 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025506.D
 Acq: 13 Jan 2017 6:56

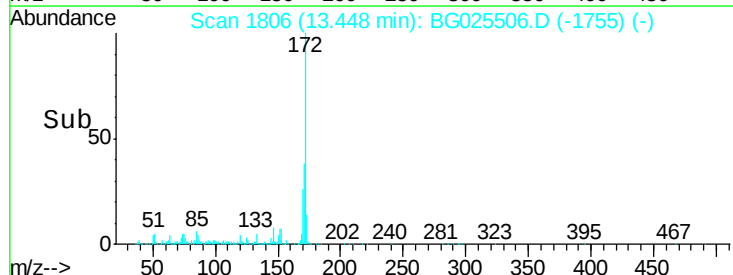
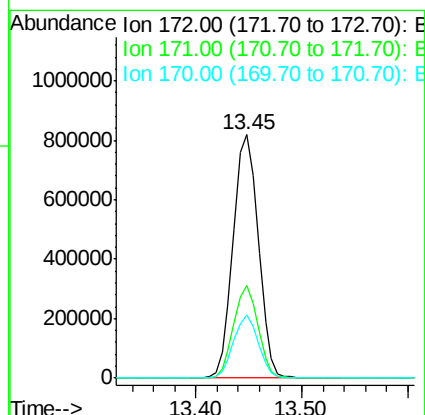
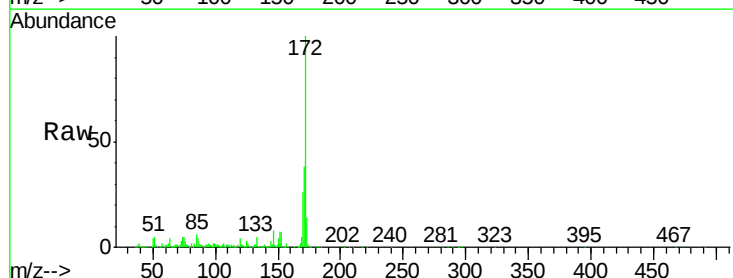
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 BNA_G
 ClientSampleId :
 MW-1

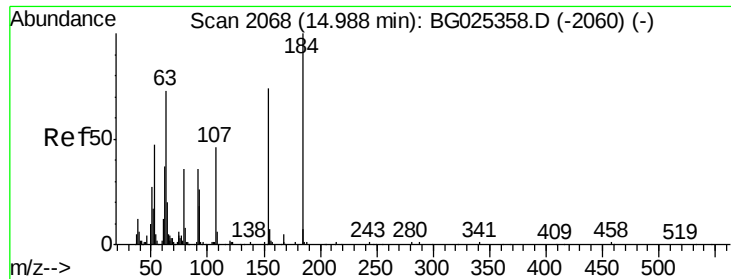
Tgt Ion:330 Resp: 475910
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 35.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 107.04 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025506.D
 Acq: 13 Jan 2017 6:56

Tgt Ion:172 Resp: 1352644
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 25.9 21.8 32.6

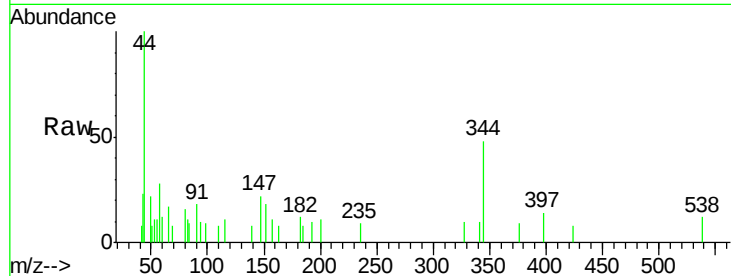




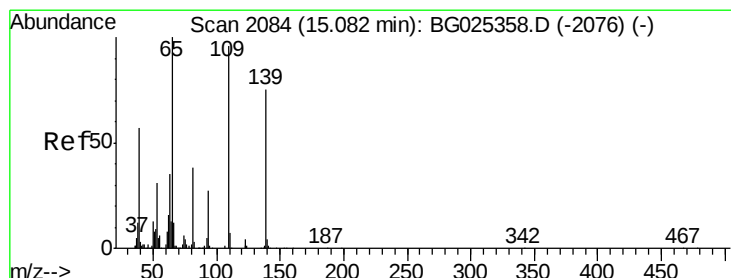
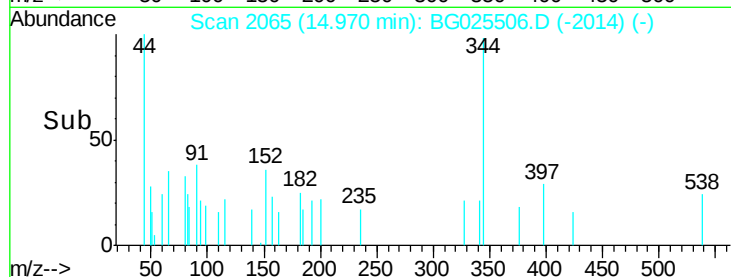
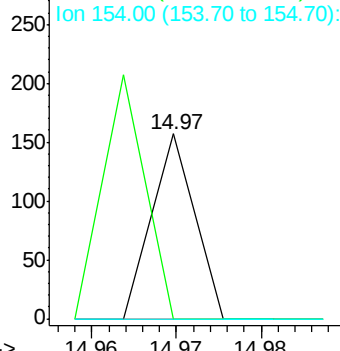
#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG025506.D
Acq: 13 Jan 2017 6:56

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

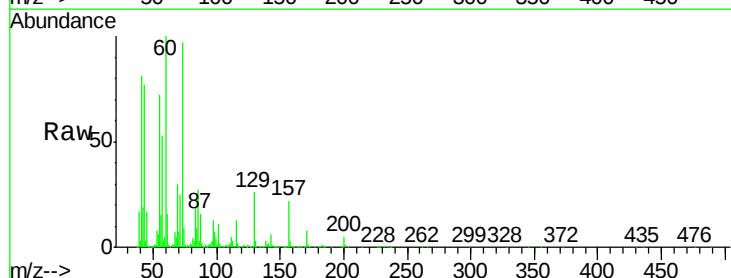


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

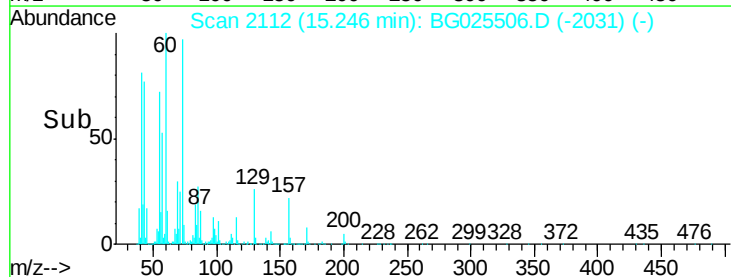
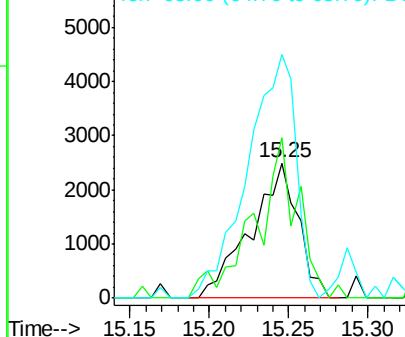


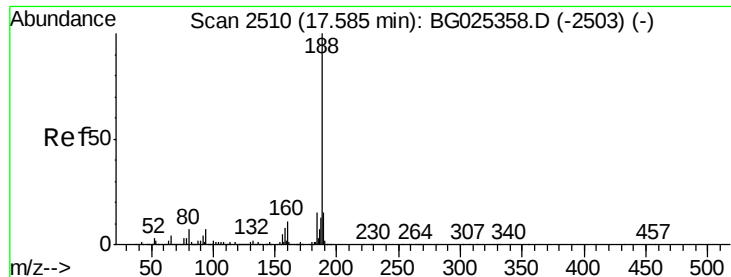
#55
4-Nitrophenol
Concen: 2.22 ng
RT: 15.25 min Scan# 2112
Delta R.T. 0.17 min
Lab File: BG025506.D
Acq: 13 Jan 2017 6:56

Tgt Ion:139 Resp: 5190
Ion Ratio Lower Upper
139 100
109 118.4 101.2 141.2
65 179.9 135.3 175.3#



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

Instrument :

BNA_G

ClientSampleId :

MW-1

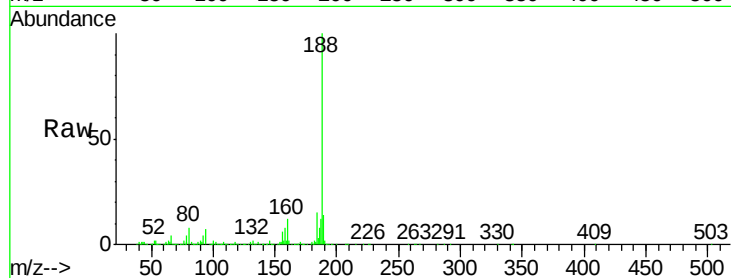
Tgt Ion:188 Resp: 467737

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

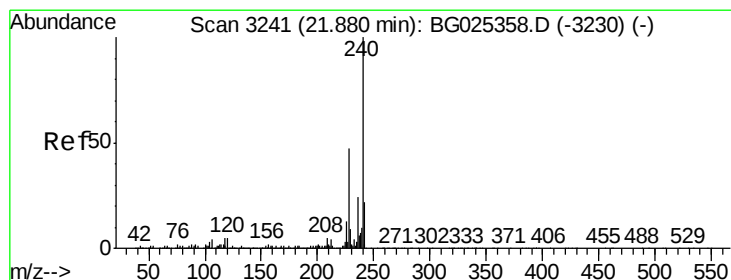
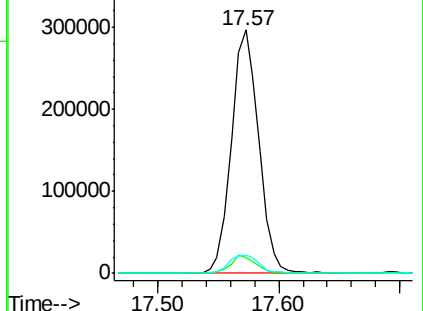
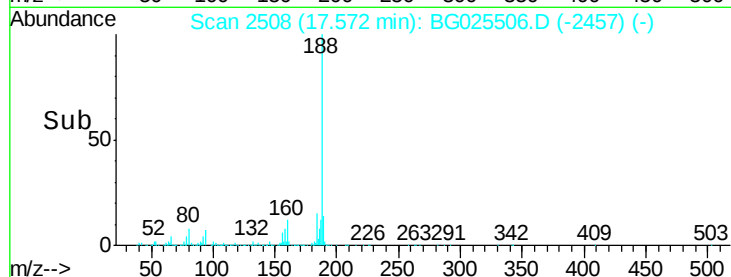
80 7.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

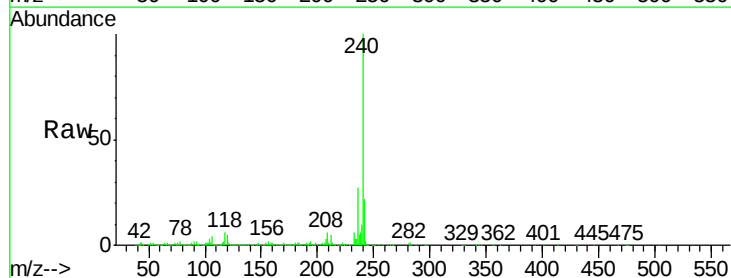
Tgt Ion:240 Resp: 653962

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

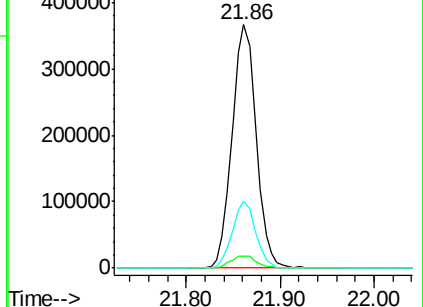
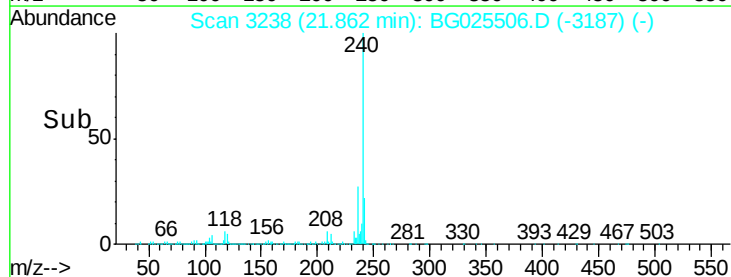
236 27.4 22.2 33.4

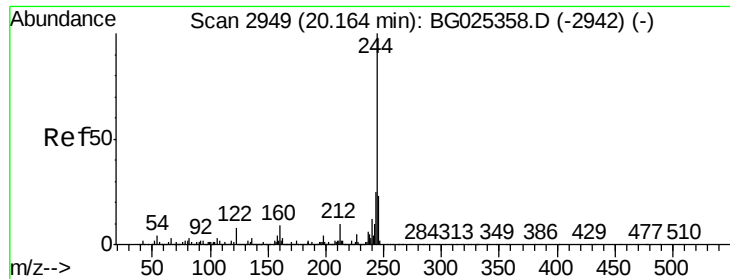


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.84 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025506.D

Acq: 13 Jan 2017 6:56

Instrument :

BNA_G

ClientSampleId :

MW-1

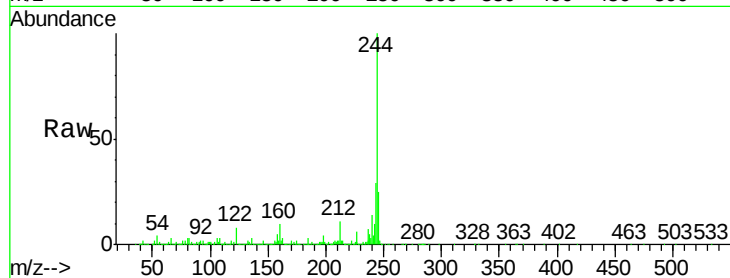
Tgt Ion:244 Resp: 2413138

Ion Ratio Lower Upper

244 100

212 10.6 10.0 15.0

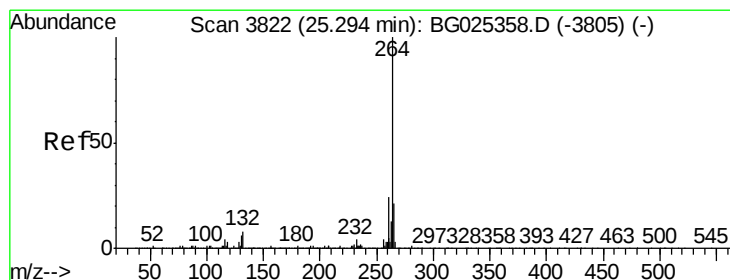
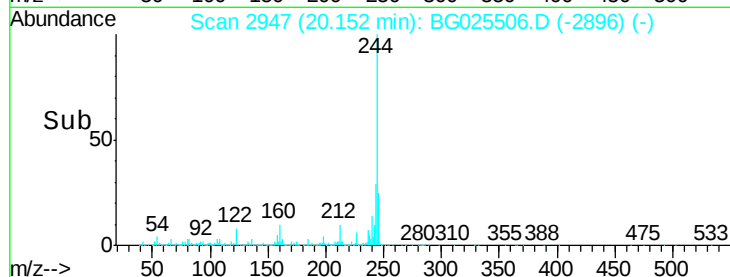
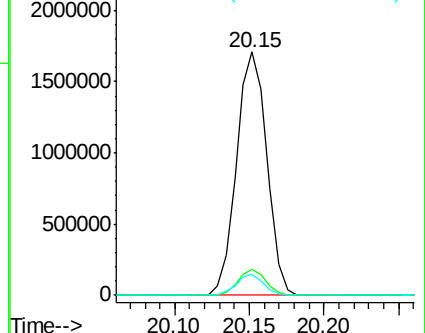
122 8.5 8.6 12.8#



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: BG025506.D

Acq: 13 Jan 2017 6:56

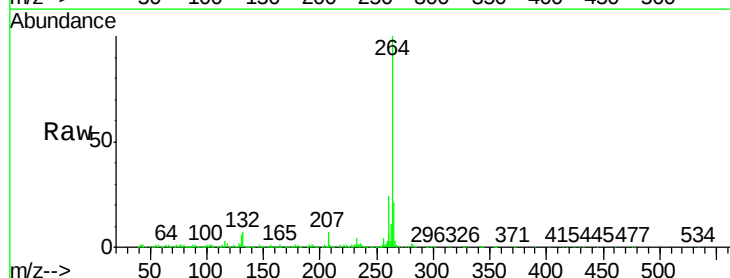
Tgt Ion:264 Resp: 688510

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.5 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

