

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122216\
 Data File : BG025388.D
 Acq On : 22 Dec 2016 14:08
 Operator : UM/SJ
 Sample : H6199-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-04

Quant Time: Dec 23 00:15:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

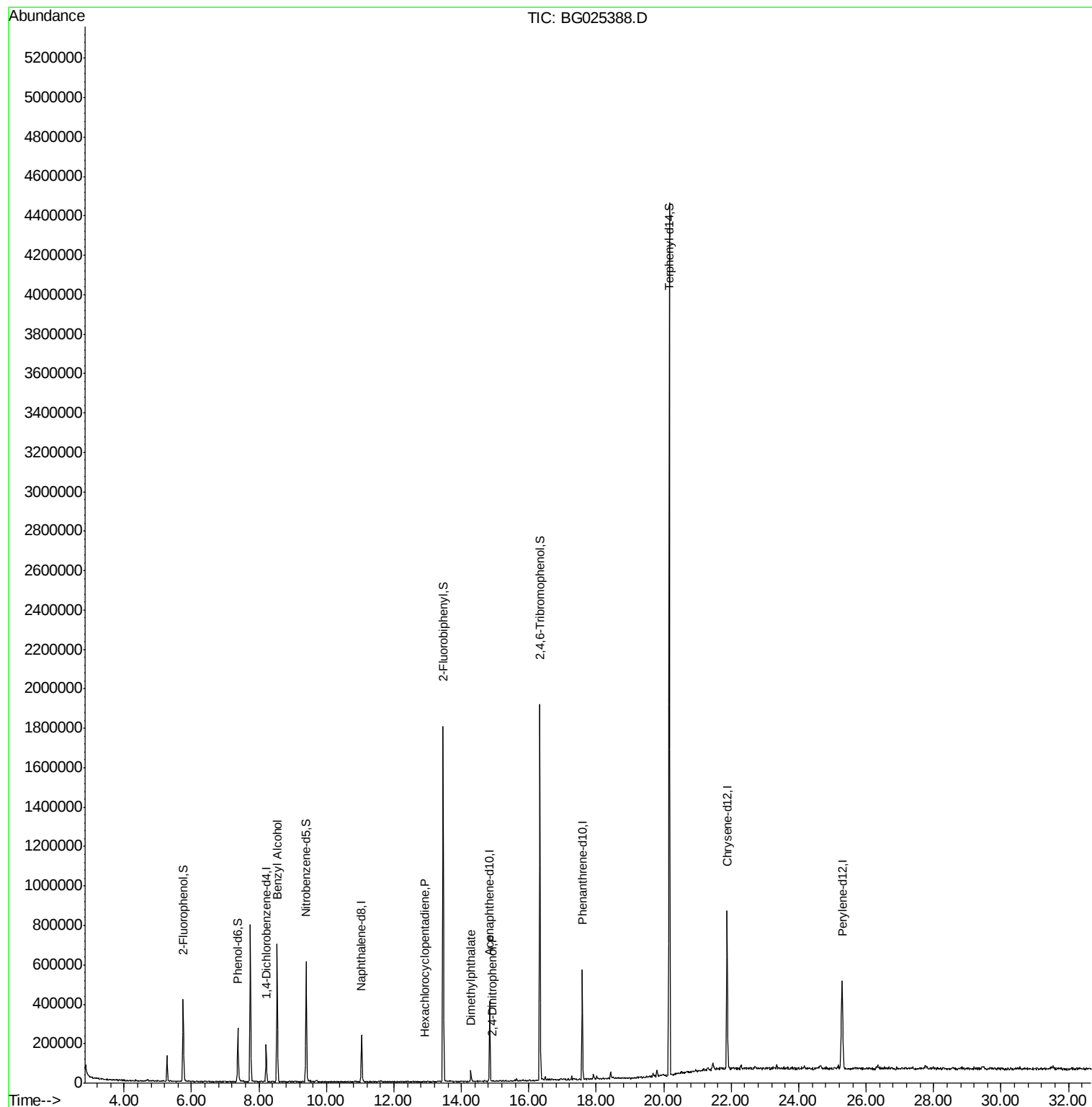
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	45409	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	199006	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	157096	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	362510	20.00	ng	0.00
75) Chrysene-d12	21.88	240	541458	20.00	ng	0.00
86) Perylene-d12	25.29	264	554992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	168032	67.26	ng	0.00
7) Phenol-d6	7.37	99	155403	44.17	ng	0.00
23) Nitrobenzene-d5	9.39	82	395399	87.77	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	379847	150.19	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	921609	94.98	ng	0.00
78) Terphenyl-d14	20.16	244	1837385	89.97	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	7160	2.13	ng	# 43
40) Hexachlorocyclopentadiene	12.93	237	56	8.54	ng	# 29
49) Dimethylphthalate	14.28	163	38664	3.38	ng	# 95
53) 2,4-Dinitrophenol	14.91	184	182	5.18	ng	# 15

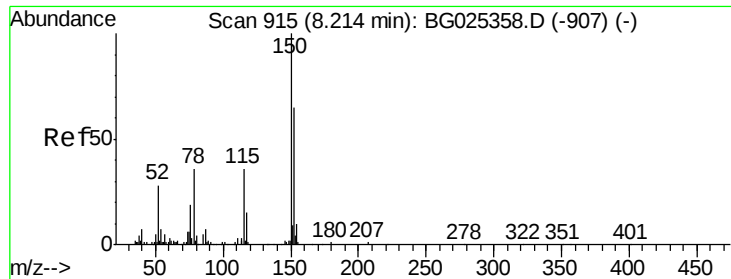
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

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W-04

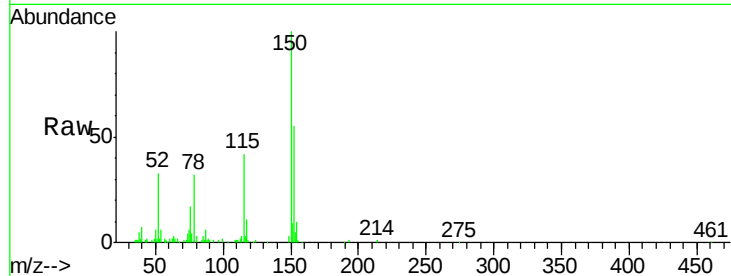
Tgt Ion:152 Resp: 45409

Ion Ratio Lower Upper

152 100

150 181.7 114.0 171.0#

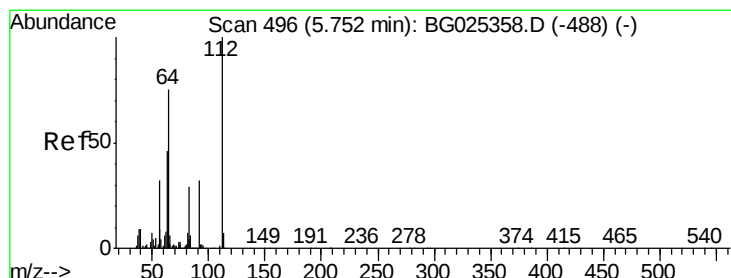
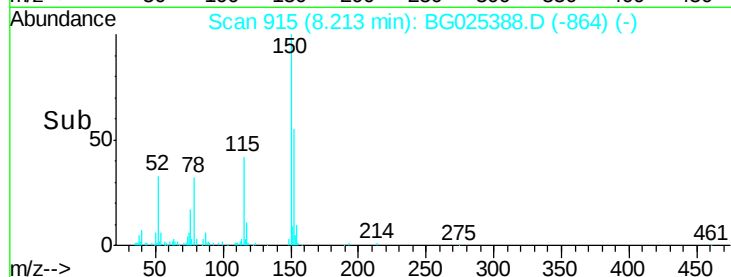
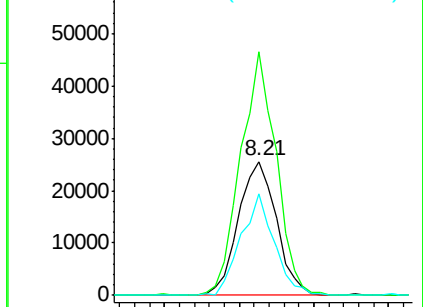
115 75.9 48.1 72.1#



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: 67.26 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

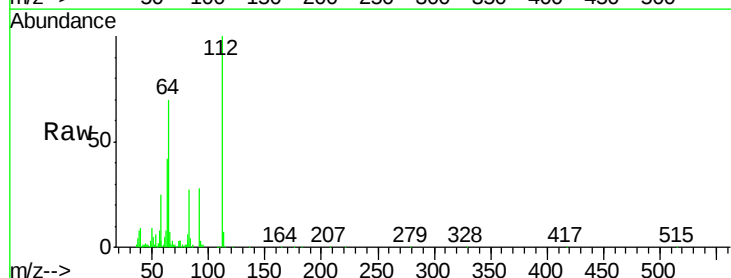
Tgt Ion:112 Resp: 168032

Ion Ratio Lower Upper

112 100

64 70.4 61.8 92.6

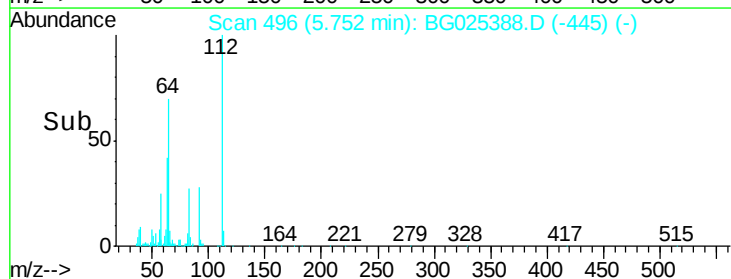
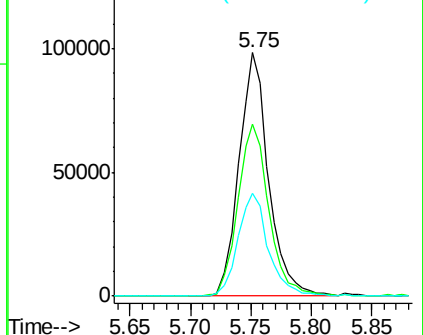
63 42.0 37.2 55.8

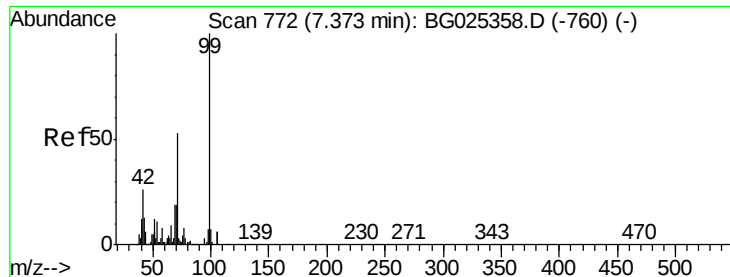


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.17 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

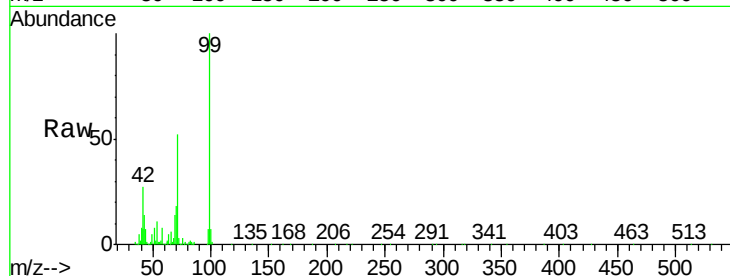
Tgt Ion: 99 Resp: 155403

Ion Ratio Lower Upper

99 100

42 26.9 20.5 30.7

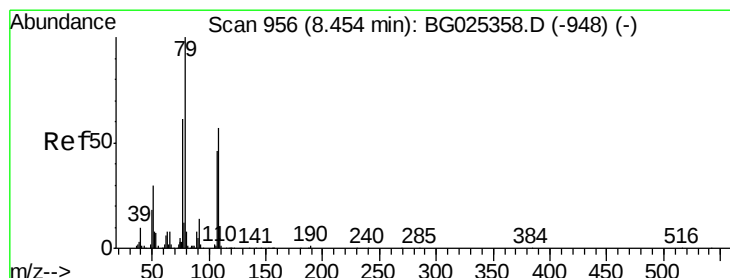
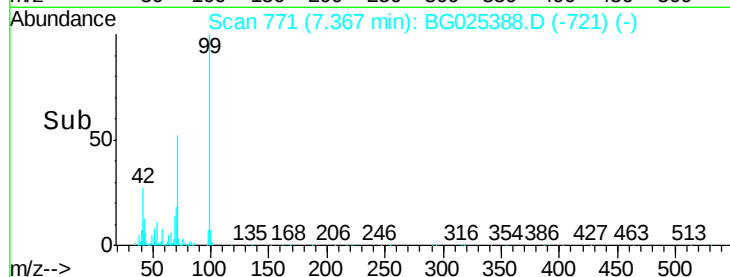
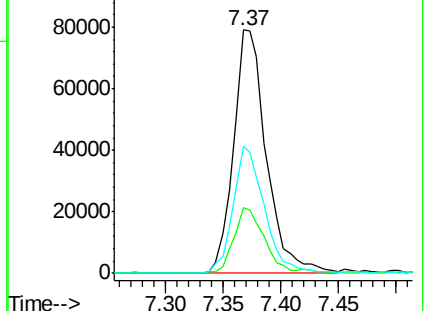
71 52.3 37.6 56.4



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: 2.13 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.08 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

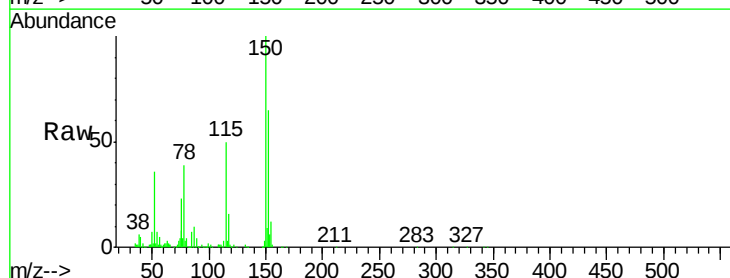
Tgt Ion: 79 Resp: 7160

Ion Ratio Lower Upper

79 100

108 39.6 45.5 68.3#

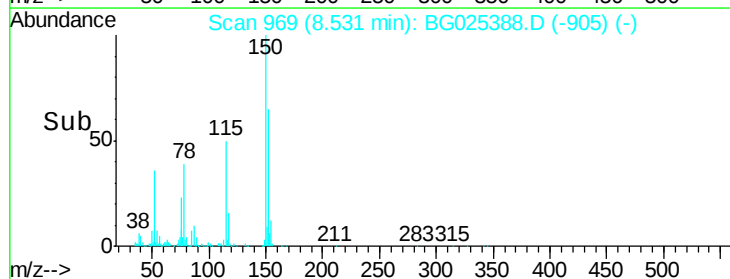
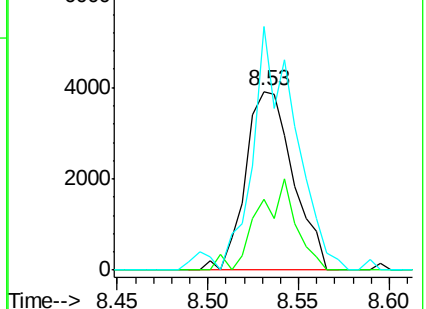
77 136.1 54.3 81.5#

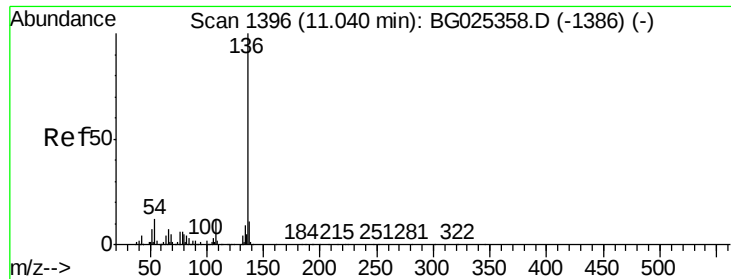


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

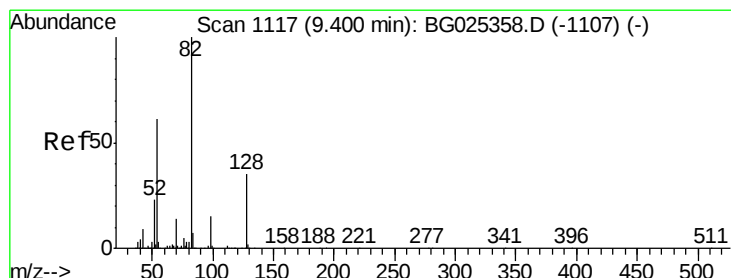
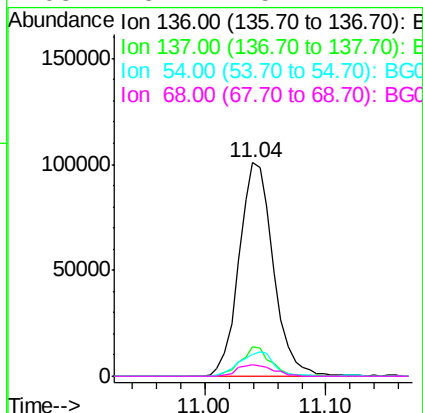
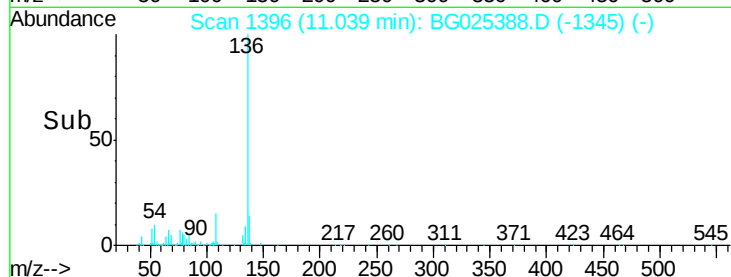
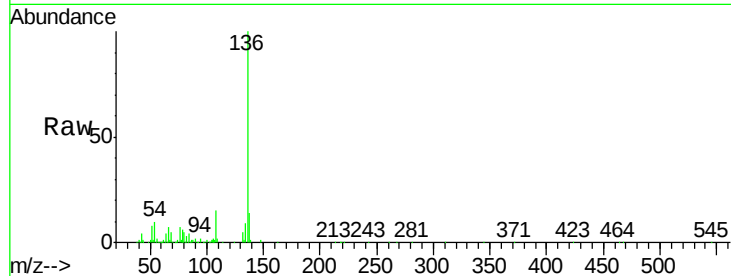




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025388.D
Acq: 22 Dec 2016 14:08

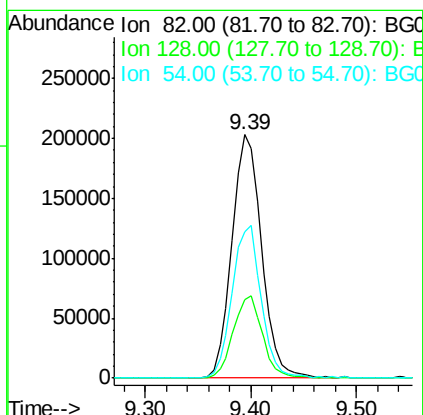
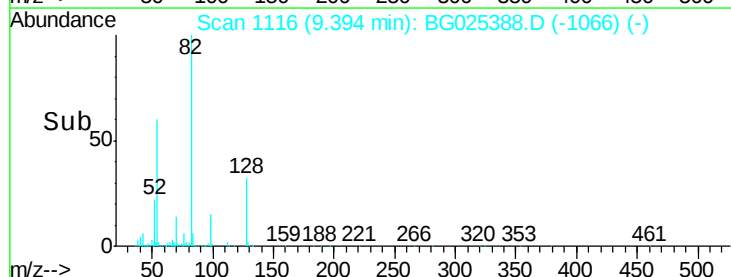
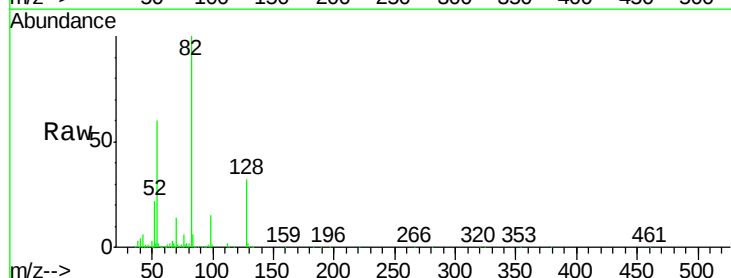
Instrument :
BNA_G
ClientSampleId :
W-04

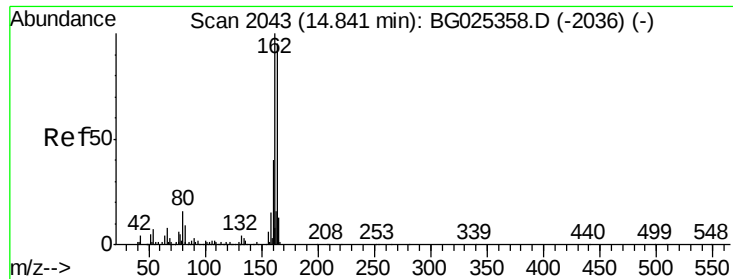
Tgt Ion:	136	Resp:	199006
Ion	Ratio	Lower	Upper
136	100		
137	14.1	8.9	13.3#
54	10.1	9.3	13.9
68	5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 87.77 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025388.D
Acq: 22 Dec 2016 14:08

Tgt Ion:	82	Resp:	395399
Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	59.9	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

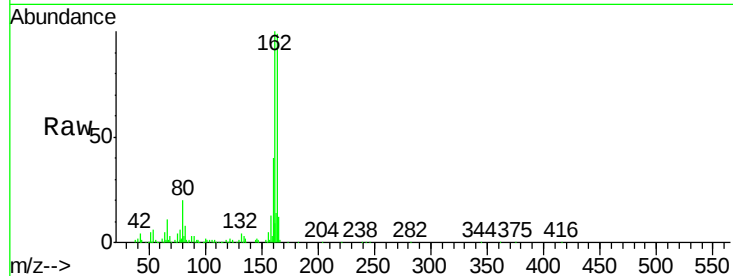
Tgt Ion:164 Resp: 157096

Ion Ratio Lower Upper

164 100

162 100.6 85.1 127.7

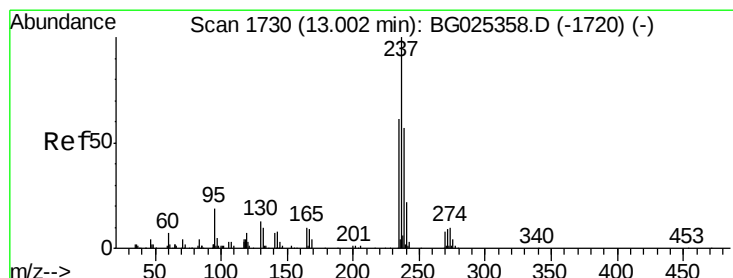
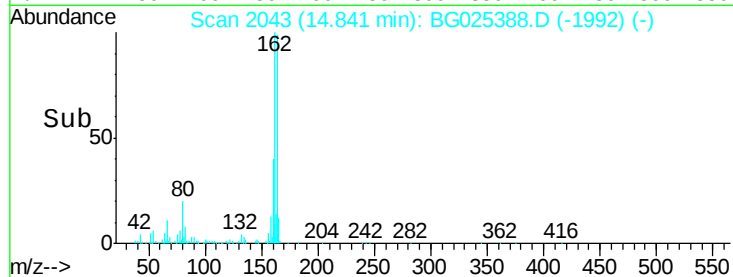
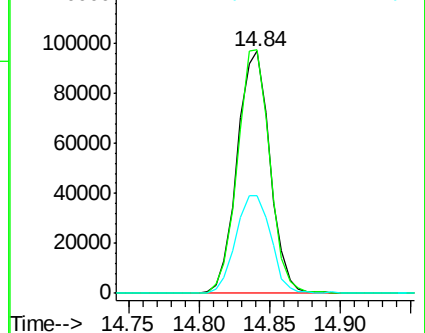
160 40.2 34.7 52.1



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: 12.93 min Scan# 1717

Delta R.T. -0.08 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

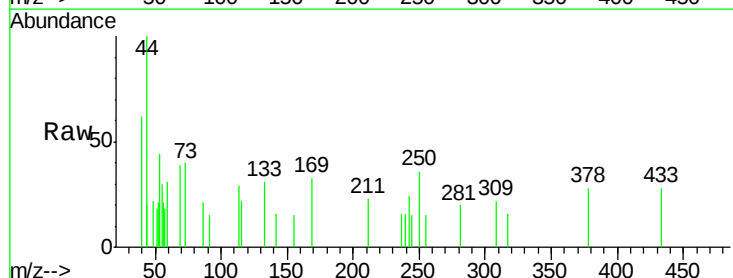
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

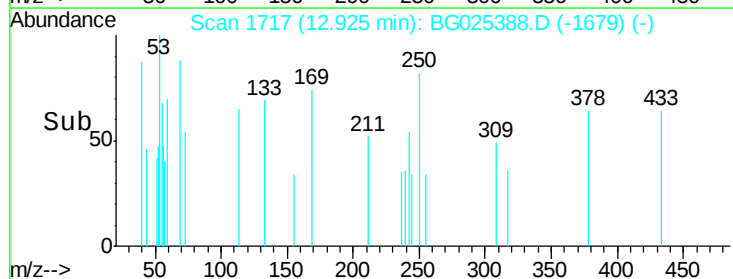
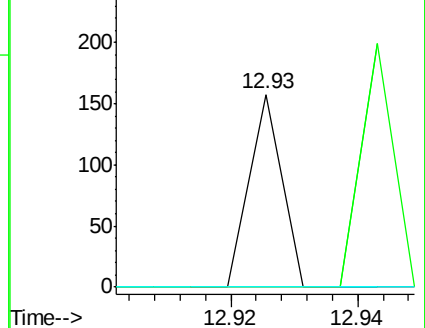
272 0.0 0.0 32.0



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

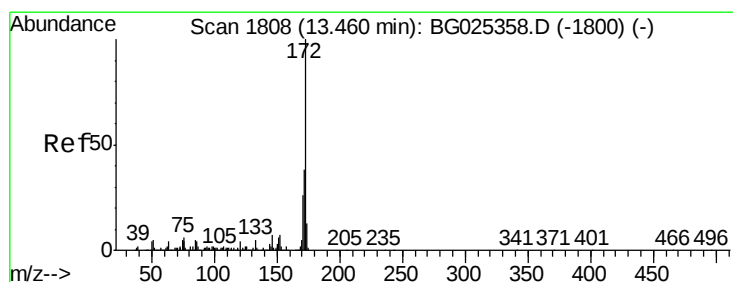
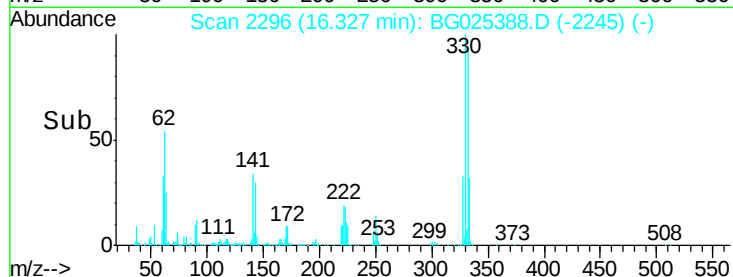
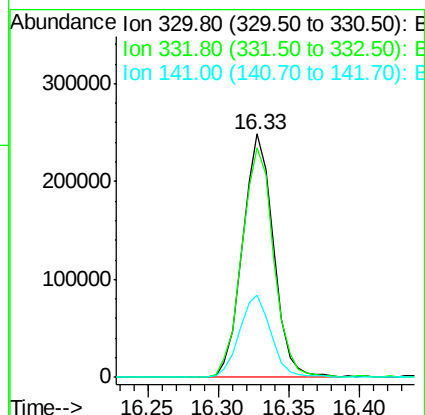
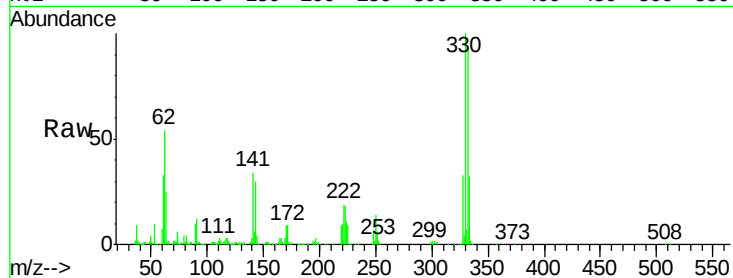




#41
2,4,6-Tribromophenol
Concen: 150.19 ng
RT: 16.33 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG025388.D
Acq: 22 Dec 2016 14:08

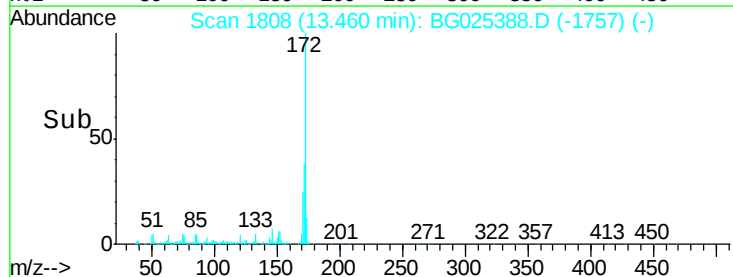
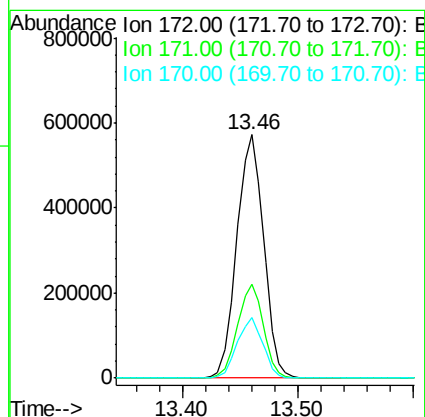
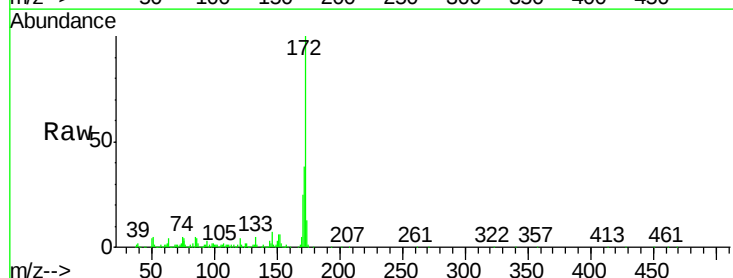
Instrument :
BNA_G
ClientSampleId :
W-04

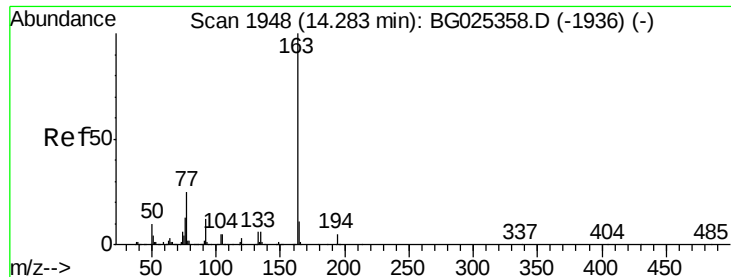
Tgt Ion:330 Resp: 379847
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 34.7 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 94.98 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG025388.D
Acq: 22 Dec 2016 14:08

Tgt Ion:172 Resp: 921609
Ion Ratio Lower Upper
172 100
171 38.4 32.2 48.2
170 24.7 21.8 32.6





#49

Dimethylphthalate

Concen: 3.38 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

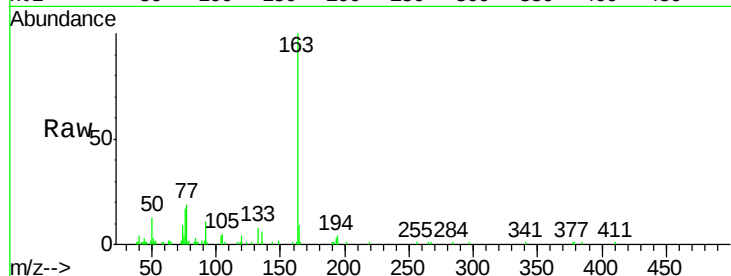
Tgt Ion:163 Resp: 38664

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

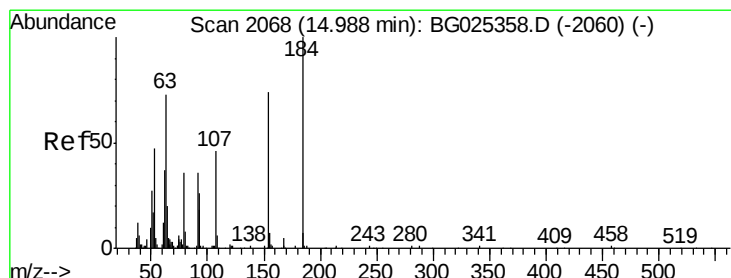
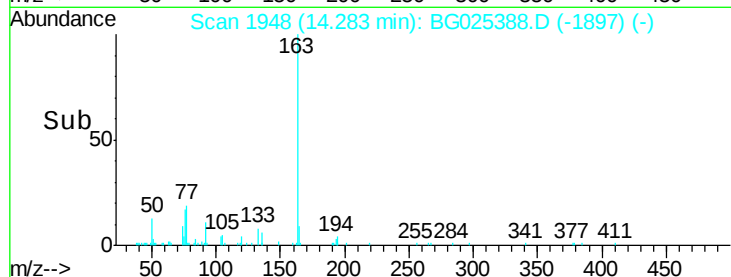
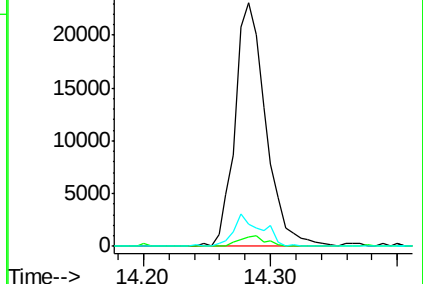
164 9.0 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.18 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.08 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

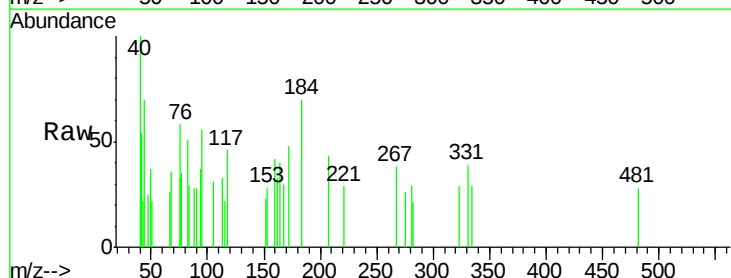
Tgt Ion:184 Resp: 182

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

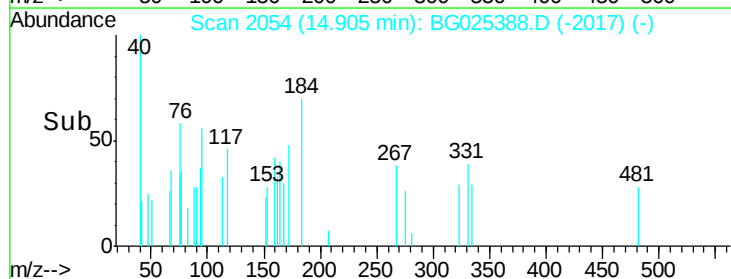
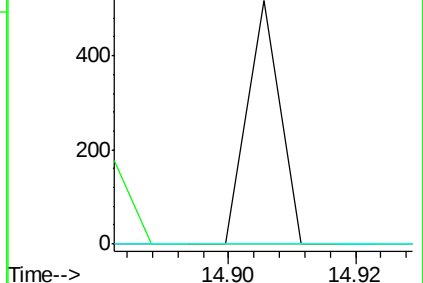
154 0.0 57.3 85.9#

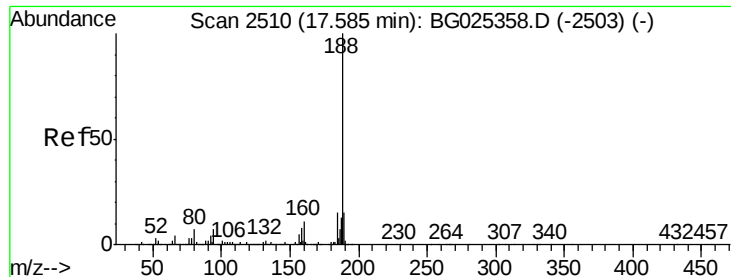


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

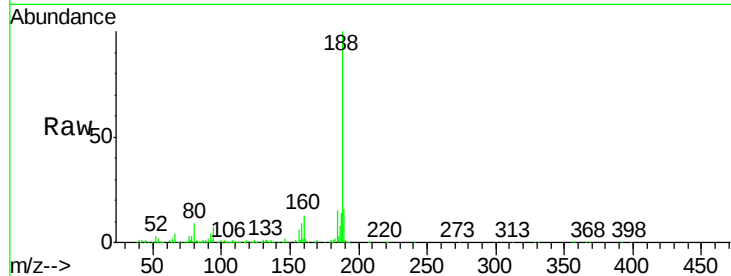
Tgt Ion:188 Resp: 362510

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

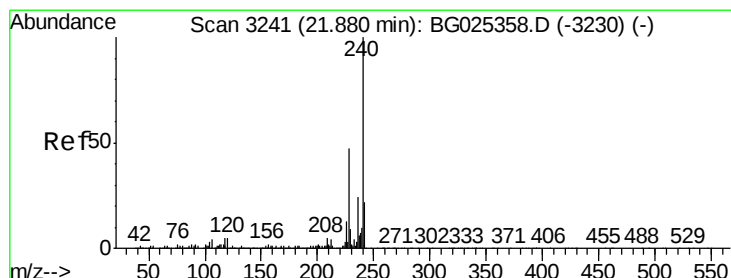
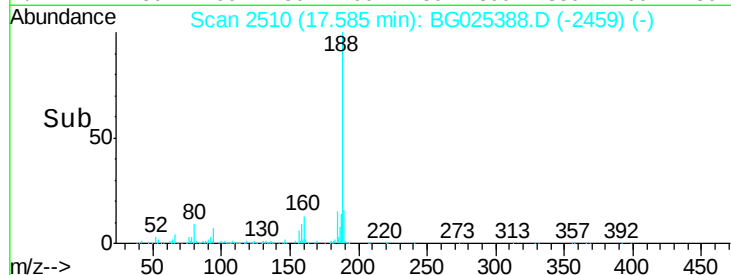
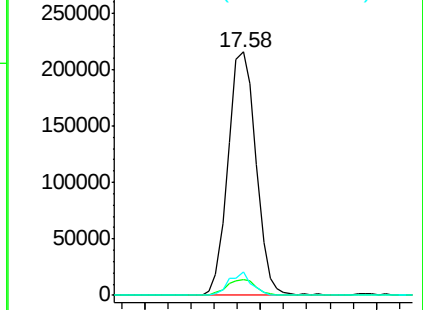
80 9.4 7.5 11.3



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: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

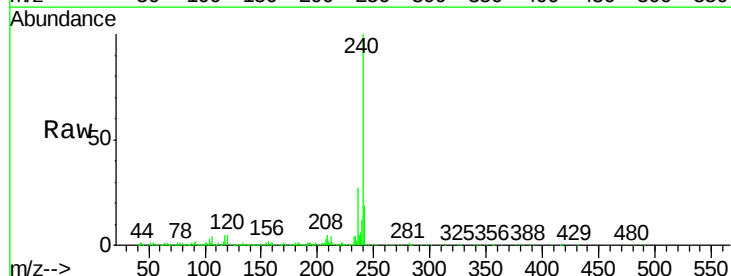
Tgt Ion:240 Resp: 541458

Ion Ratio Lower Upper

240 100

120 4.7 5.7 8.5#

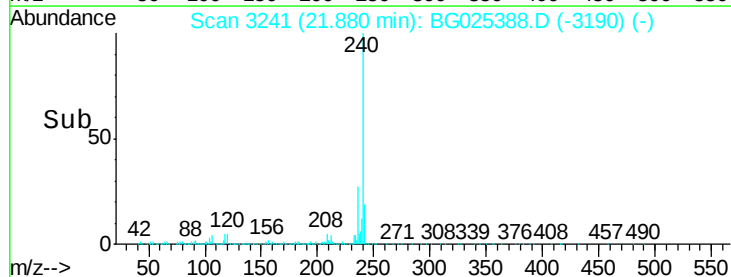
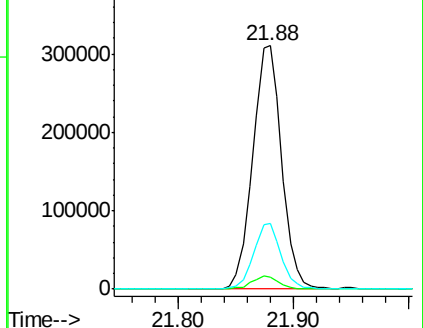
236 27.2 22.2 33.4

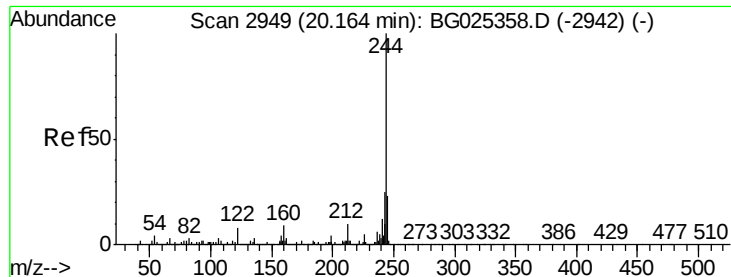


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.97 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

Instrument :

BNA_G

ClientSampleId :

W-04

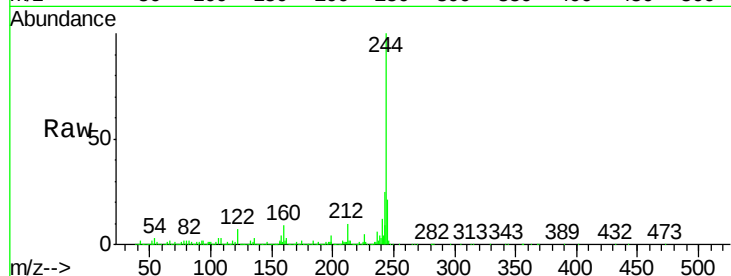
Tgt Ion:244 Resp: 1837385

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

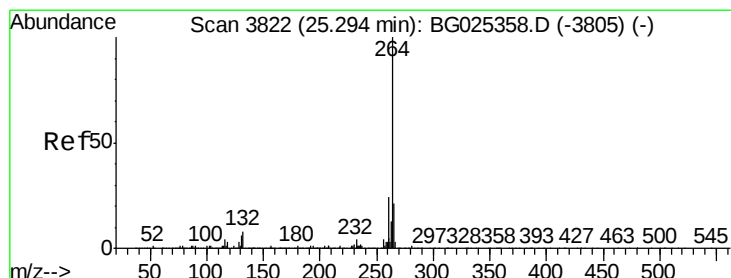
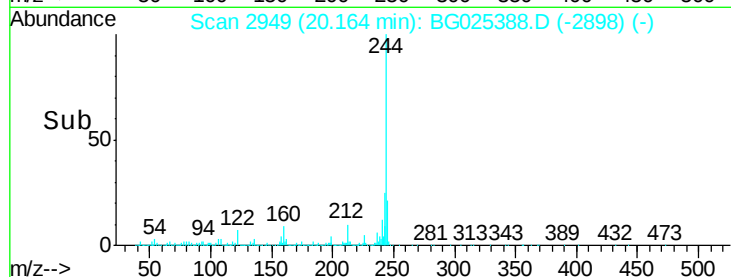
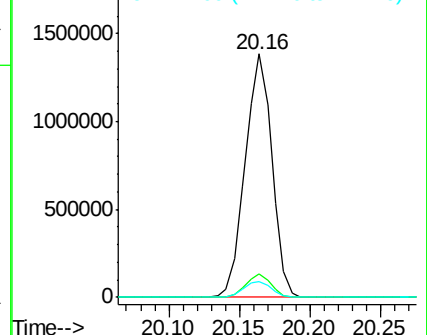
122 6.7 8.6 12.8#



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: 25.29 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BG025388.D

Acq: 22 Dec 2016 14:08

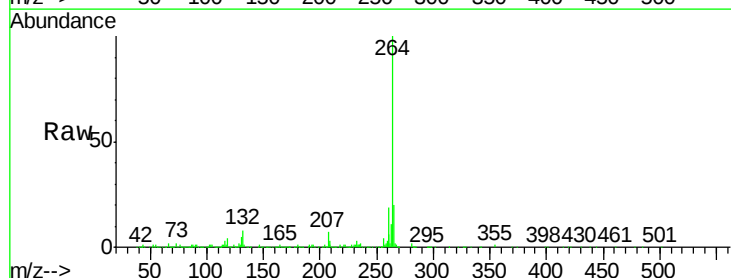
Tgt Ion:264 Resp: 554992

Ion Ratio Lower Upper

264 100

260 19.3 21.8 32.8#

265 19.8 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

