

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025465.D
 Acq On : 10 Jan 2017 23:38
 Operator : UM/SJ
 Sample : I1077-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-13

Quant Time: Jan 11 06:29:30 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

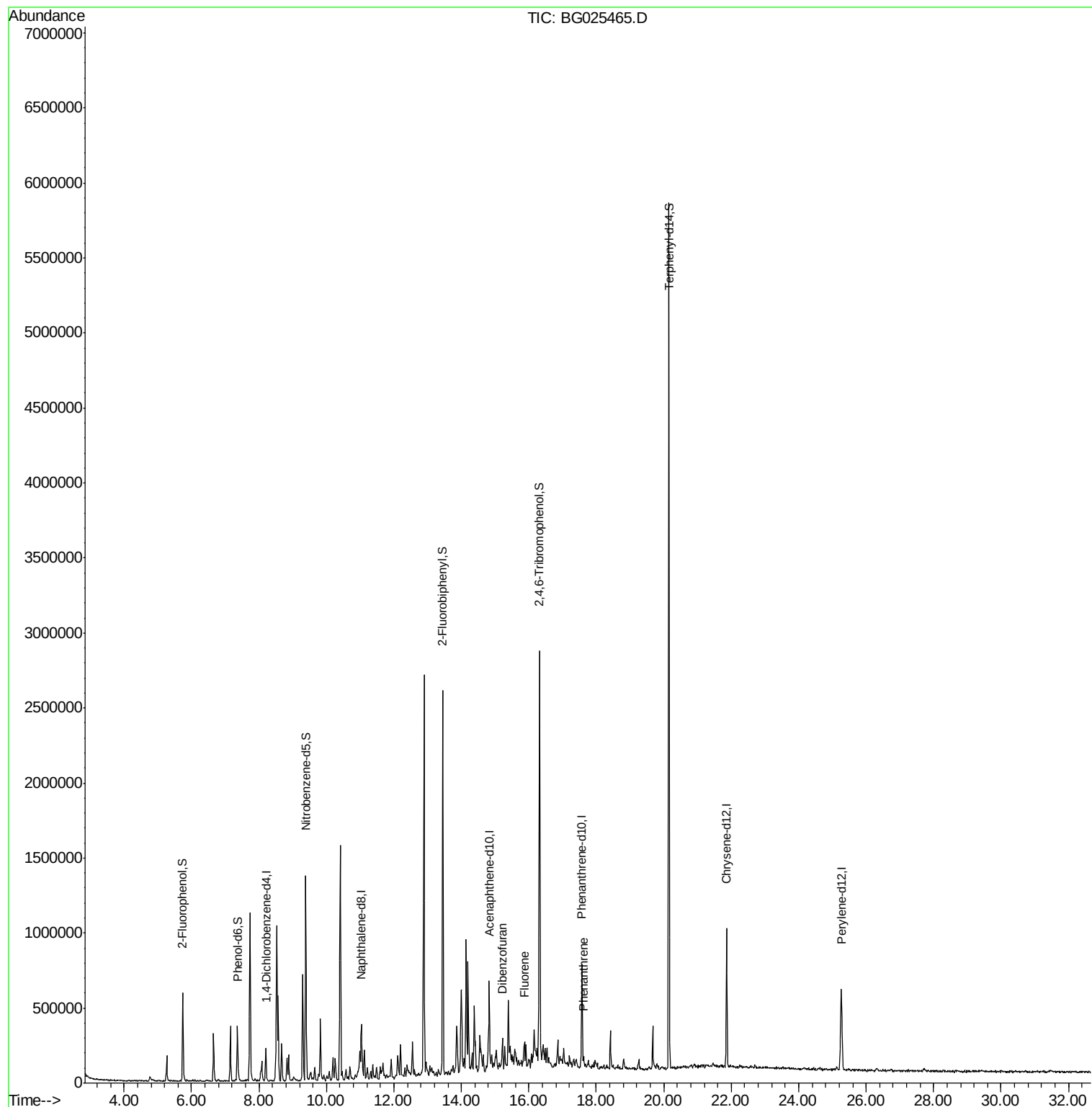
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	55620	20.00	ng	0.01
21) Naphthalene-d8	11.03	136	230742	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	195316	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	419004	20.00	ng	0.00
75) Chrysene-d12	21.86	240	637303	20.00	ng	0.00
86) Perylene-d12	25.26	264	679610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	231626	75.70	ng	0.00
7) Phenol-d6	7.36	99	200390	46.50	ng	0.00
23) Nitrobenzene-d5	9.39	82	563952	107.97	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	517599	164.61	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1247439	103.40	ng	0.00
78) Terphenyl-d14	20.15	244	2358310	98.11	ng	0.00
Target Compounds						
54) Dibenzofuran	15.22	168	60135	3.66	ng	Qvalue # 95
57) Fluorene	15.87	166	45549	3.31	ng	98
70) Phenanthrene	17.61	178	43892	2.03	ng	96

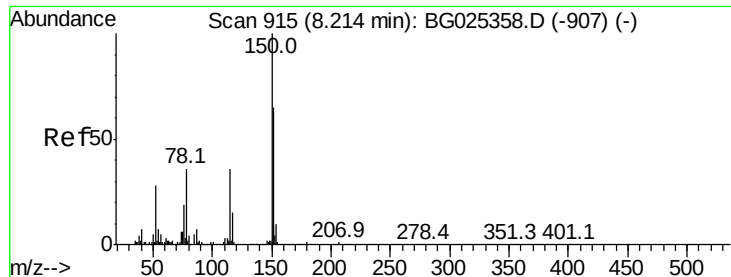
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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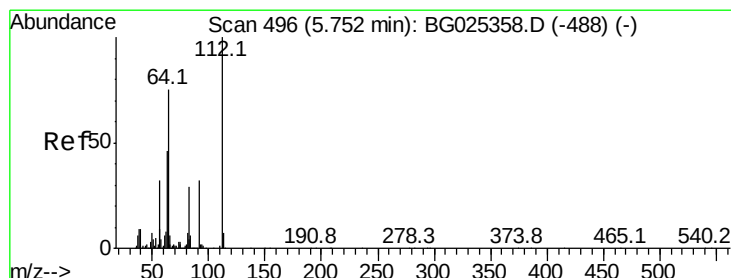
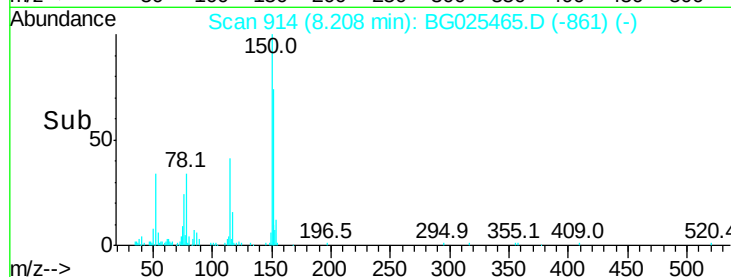
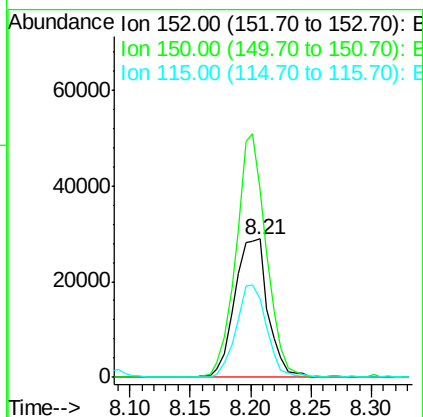
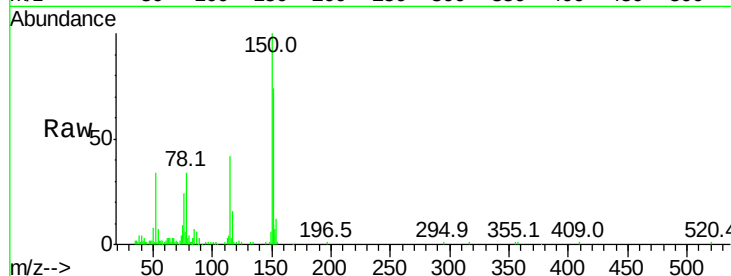


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

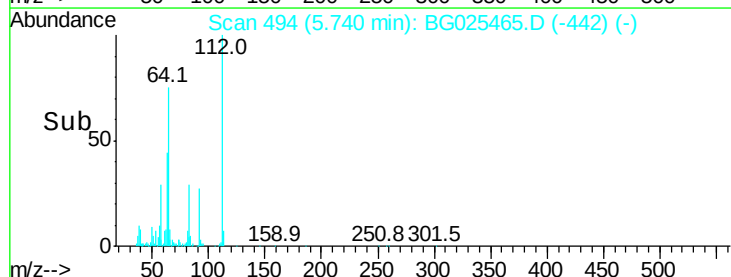
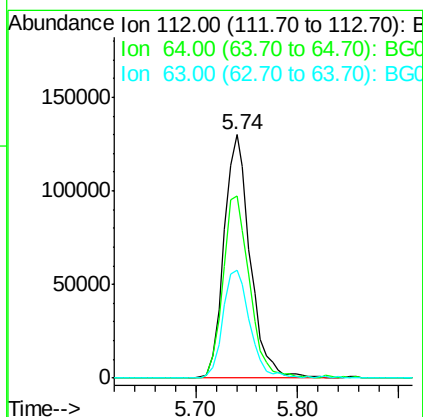
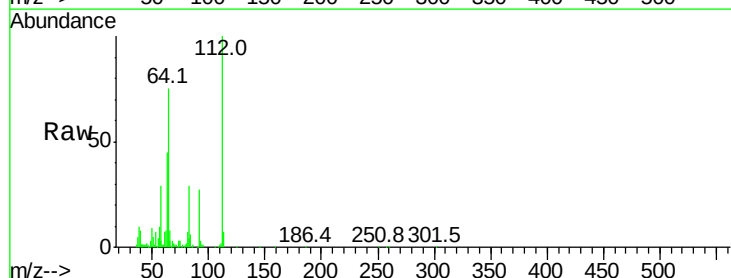
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.3	114.0	171.0
115	56.6	48.1	72.1

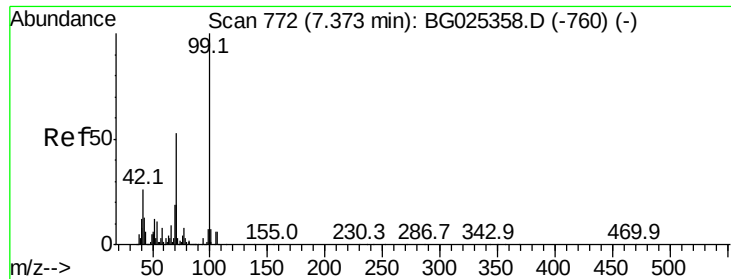


#5

2-Fluorophenol
Concen: 75.70 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	61.8	92.6
63	44.6	37.2	55.8





#7

Phenol-d6

Concen: 46.50 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

Instrument :

BNA_G

ClientSampleId :

W-13

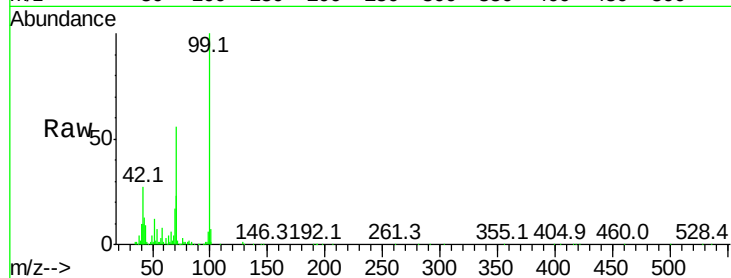
Tot Ion: 99 Resp: 200390

Ion Ratio Lower Upper

99 100

42 26.7 20.5 30.7

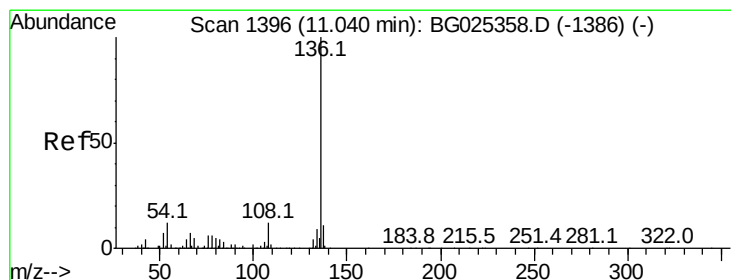
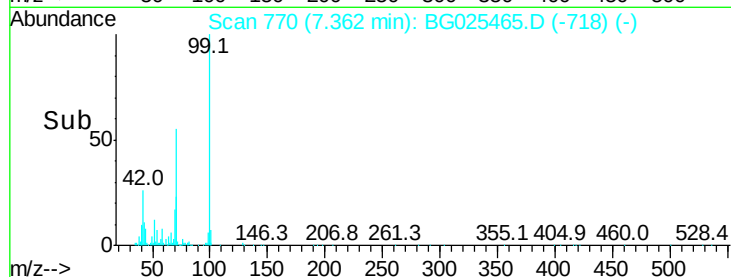
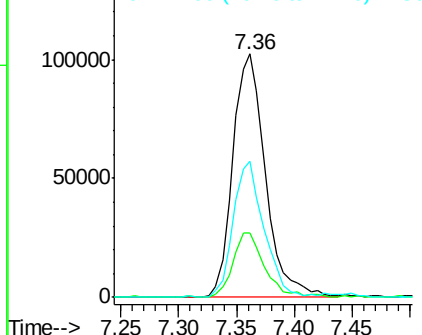
71 55.7 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

Tgt Ion: 136 Resp: 230742

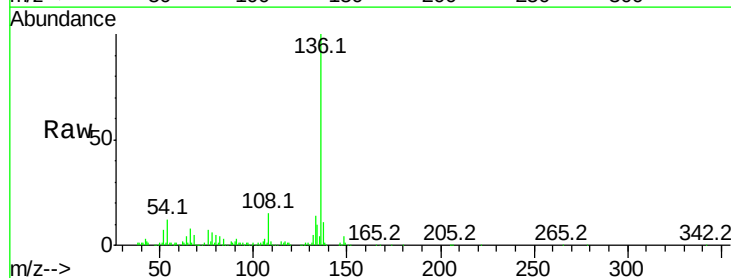
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 11.9 9.3 13.9

68 4.7 5.1 7.7#

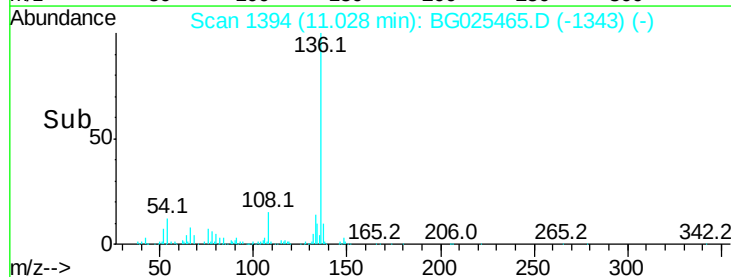
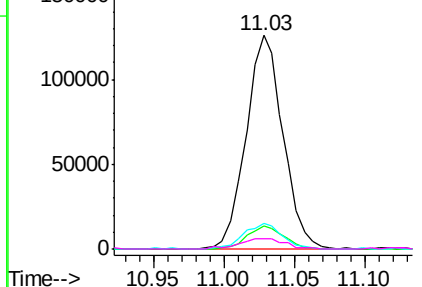


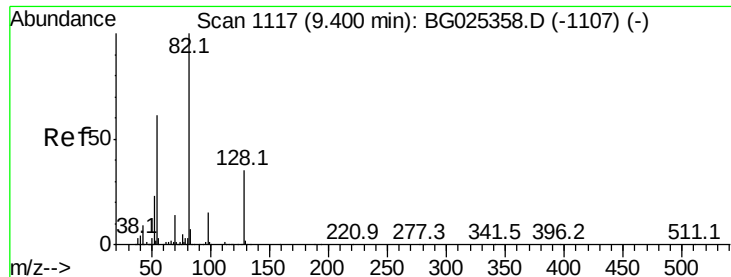
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

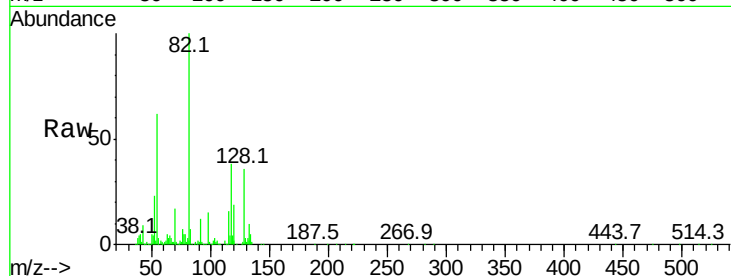




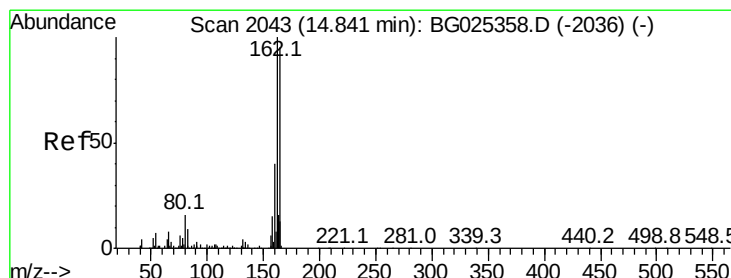
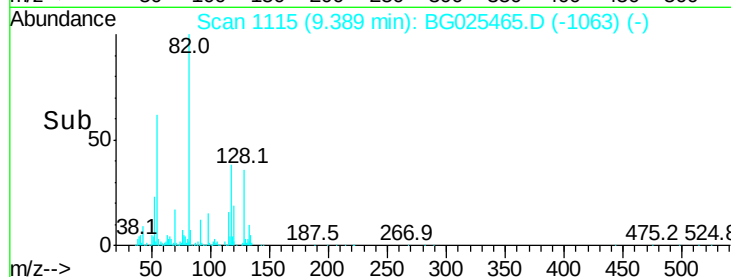
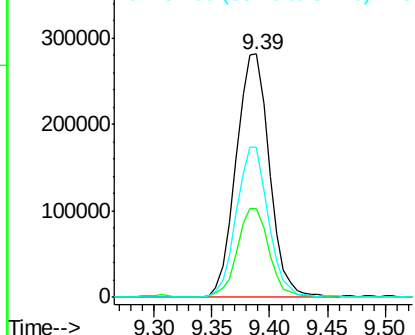
#23
Nitrobenzene-d5
Concen: 107.97 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Instrument :
BNA_G
ClientSampleId :
W-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	61.7	49.4	74.2

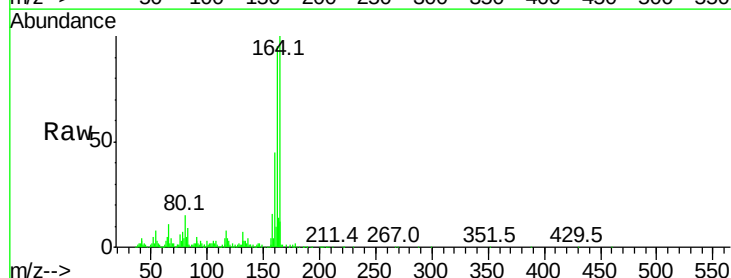


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

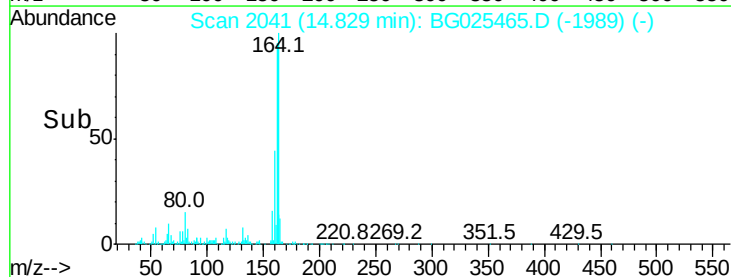
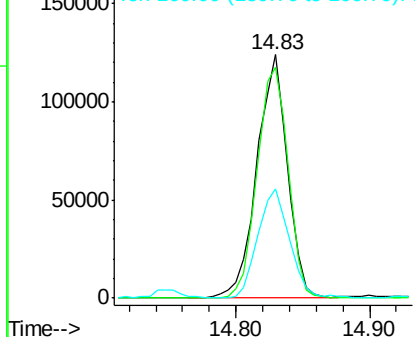


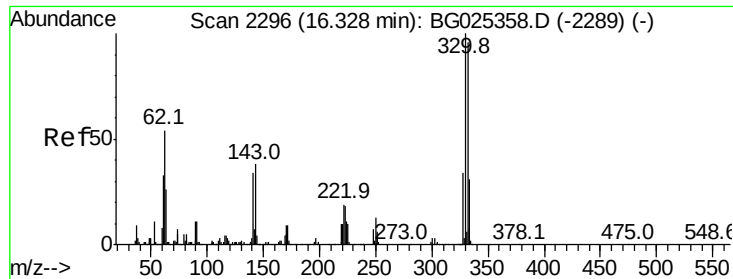
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG025465.D
Acq: 10 Jan 2017 23:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.6	85.1	127.7
160	45.0	34.7	52.1



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



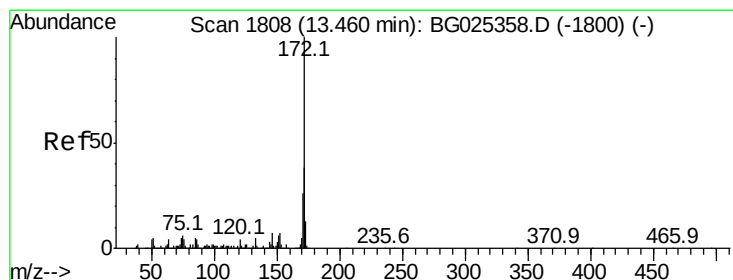
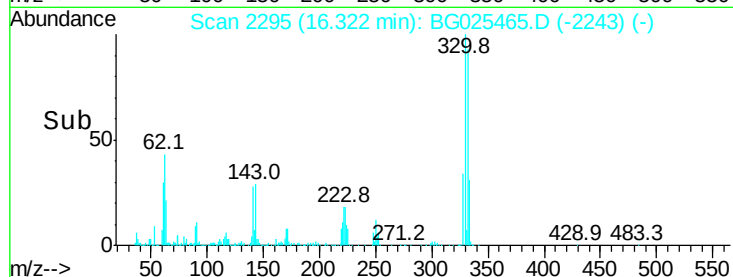
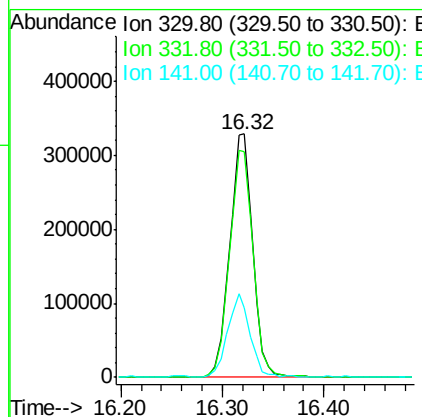
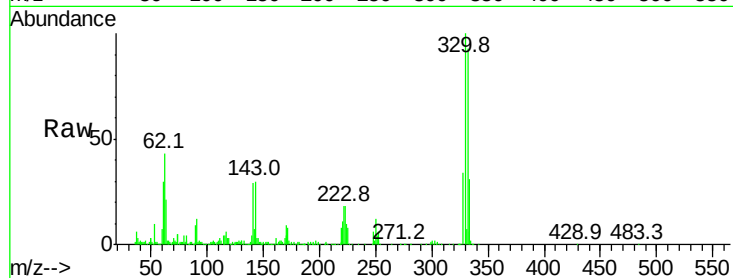


#41
 2,4,6-Tribromophenol
 Concen: 164.61 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG025465.D
 Acq: 10 Jan 2017 23:38

Instrument :
 BNA_G
 ClientSampleId :
 W-13

Tot Ion:330 Resp: 517599

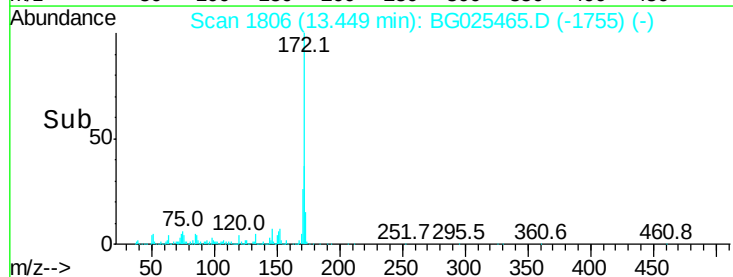
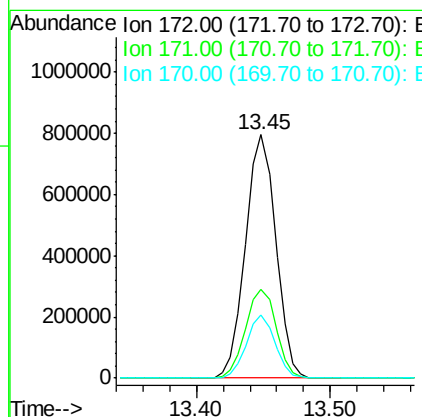
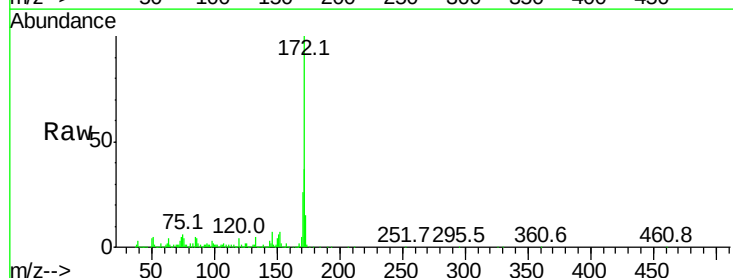
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	33.3	32.1	48.1

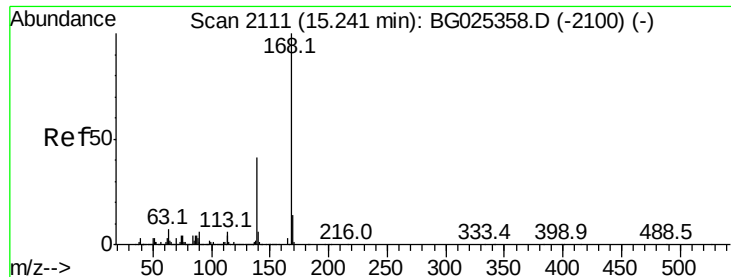


#44
 2-Fluorobiphenyl
 Concen: 103.40 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025465.D
 Acq: 10 Jan 2017 23:38

Tgt Ion:172 Resp: 1247439

Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	26.1	21.8	32.6





#54

Dibenzofuran

Concen: 3.66 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

Instrument :

BNA_G

ClientSampleId :

W-13

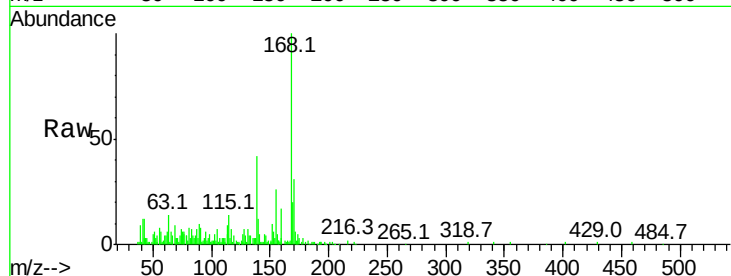
Tot Ion:168 Resp: 60135

Ion Ratio Lower Upper

168 100

139 42.3 35.3 52.9

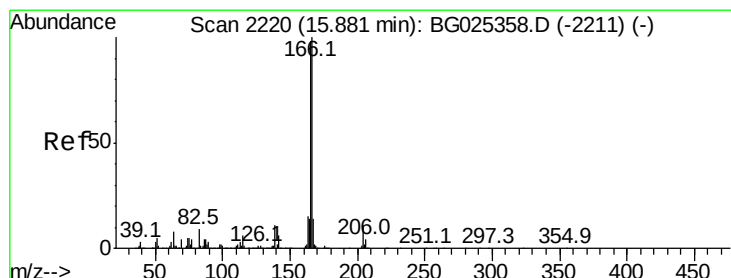
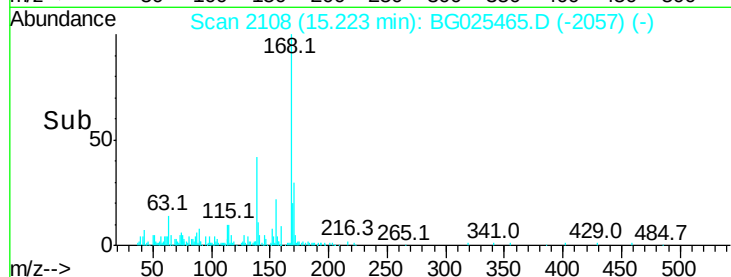
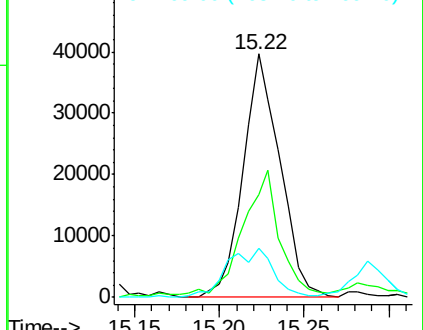
169 20.0 11.5 17.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.31 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

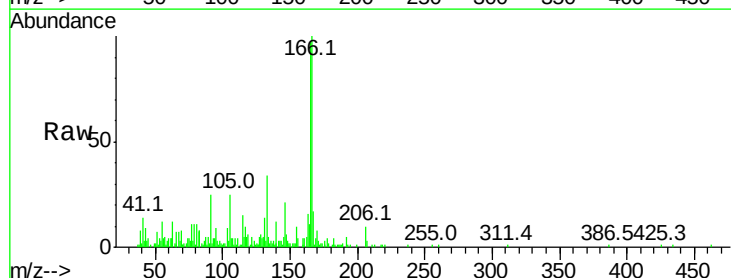
Tgt Ion:166 Resp: 45549

Ion Ratio Lower Upper

166 100

165 96.6 78.6 117.8

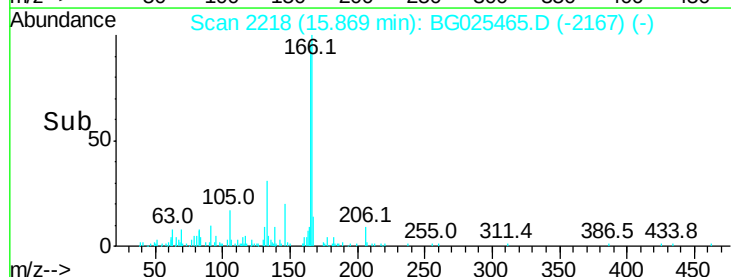
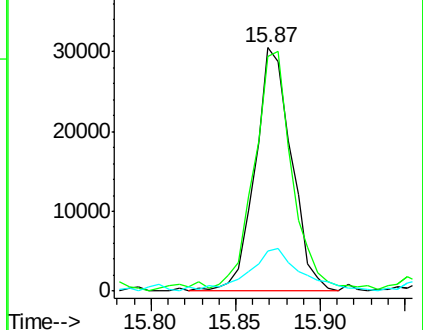
167 16.6 11.6 17.4

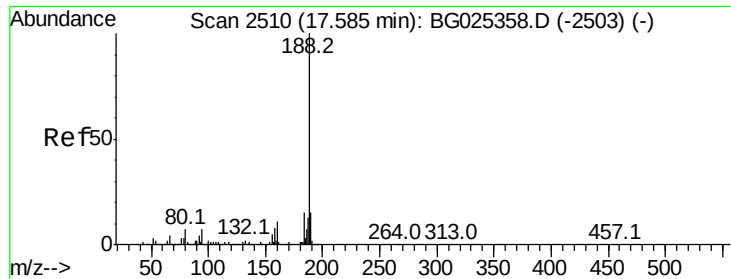


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

Instrument :

BNA_G

ClientSampleId :

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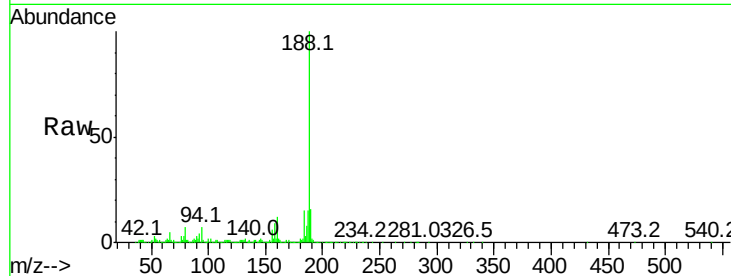
Tot Ion:188 Resp: 419004

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

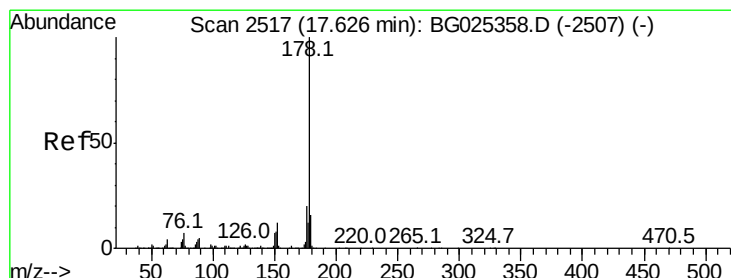
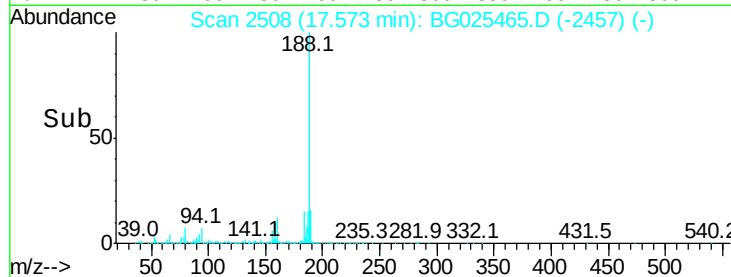
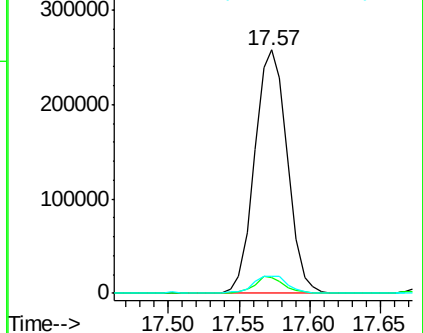
80 7.2 7.5 11.3#



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



#70

Phenanthrene

Concen: 2.03 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

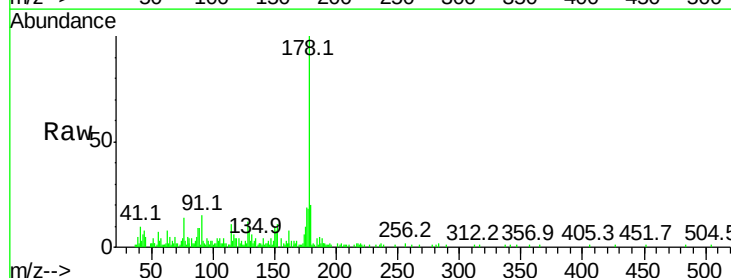
Tgt Ion:178 Resp: 43892

Ion Ratio Lower Upper

178 100

176 19.4 17.7 26.5

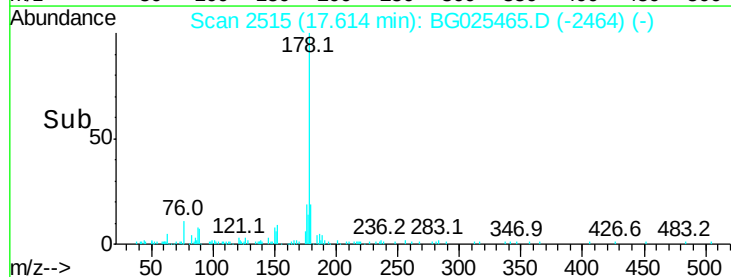
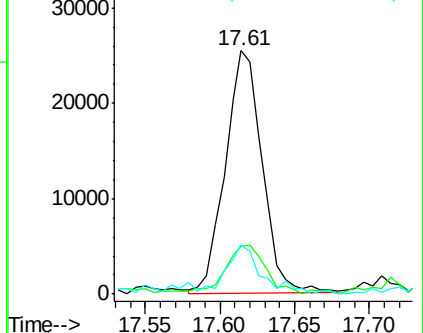
179 20.1 15.0 22.6

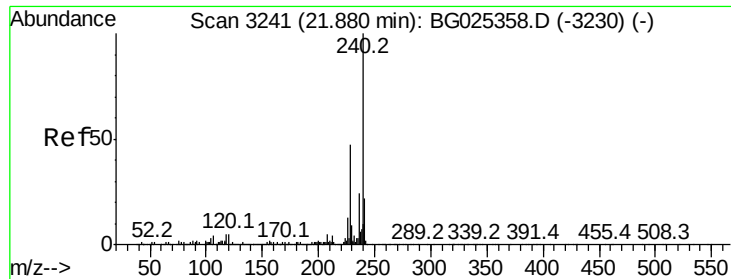


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

Instrument :

BNA_G

ClientSampleId :

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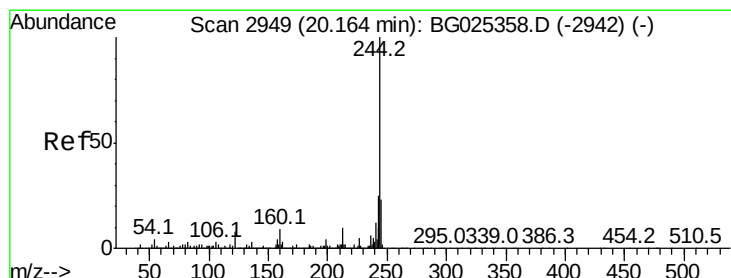
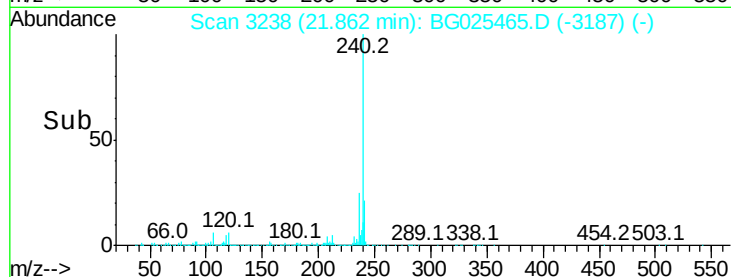
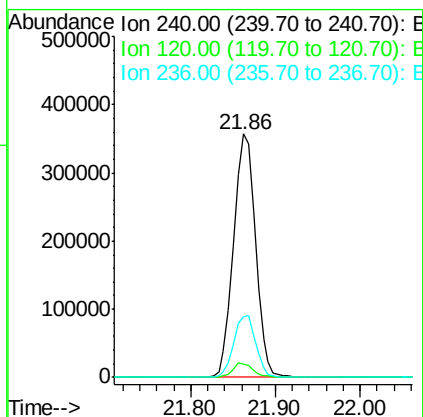
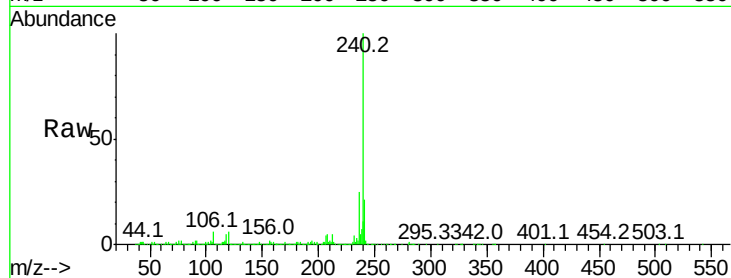
Tot Ion:240 Resp: 637303

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 25.0 22.2 33.4



#78

Terphenyl-d14

Concen: 98.11 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025465.D

Acq: 10 Jan 2017 23:38

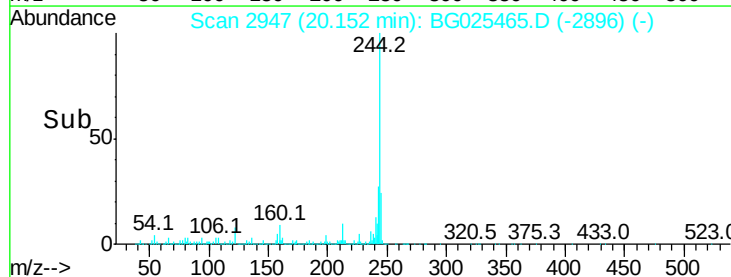
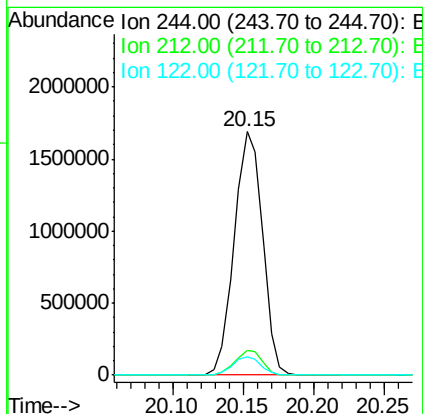
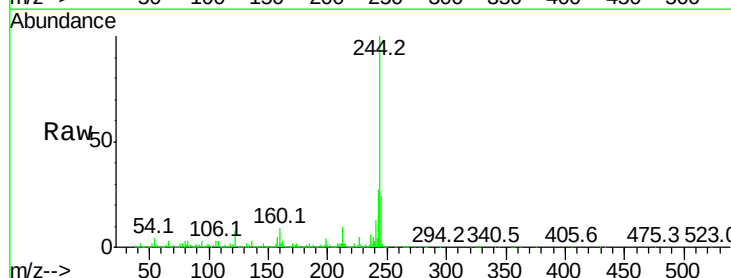
Tgt Ion:244 Resp: 2358310

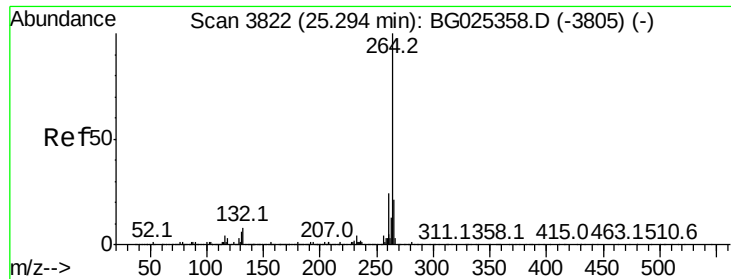
Ion Ratio Lower Upper

244 100

212 10.4 10.0 15.0

122 7.8 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.26 min Scan# 3817
 Delta R.T. -0.00 min
 Lab File: BG025465.D
 Acq: 10 Jan 2017 23:38

Instrument :
 BNA_G
 ClientSampleId :
 W-13

Tot Ion:	264	Resp:	679610
Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	21.7	18.2	27.4

