

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025380.D
 Acq On : 22 Dec 2016 8:52
 Operator : UM/SJ
 Sample : PB95526TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 13:05:16 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

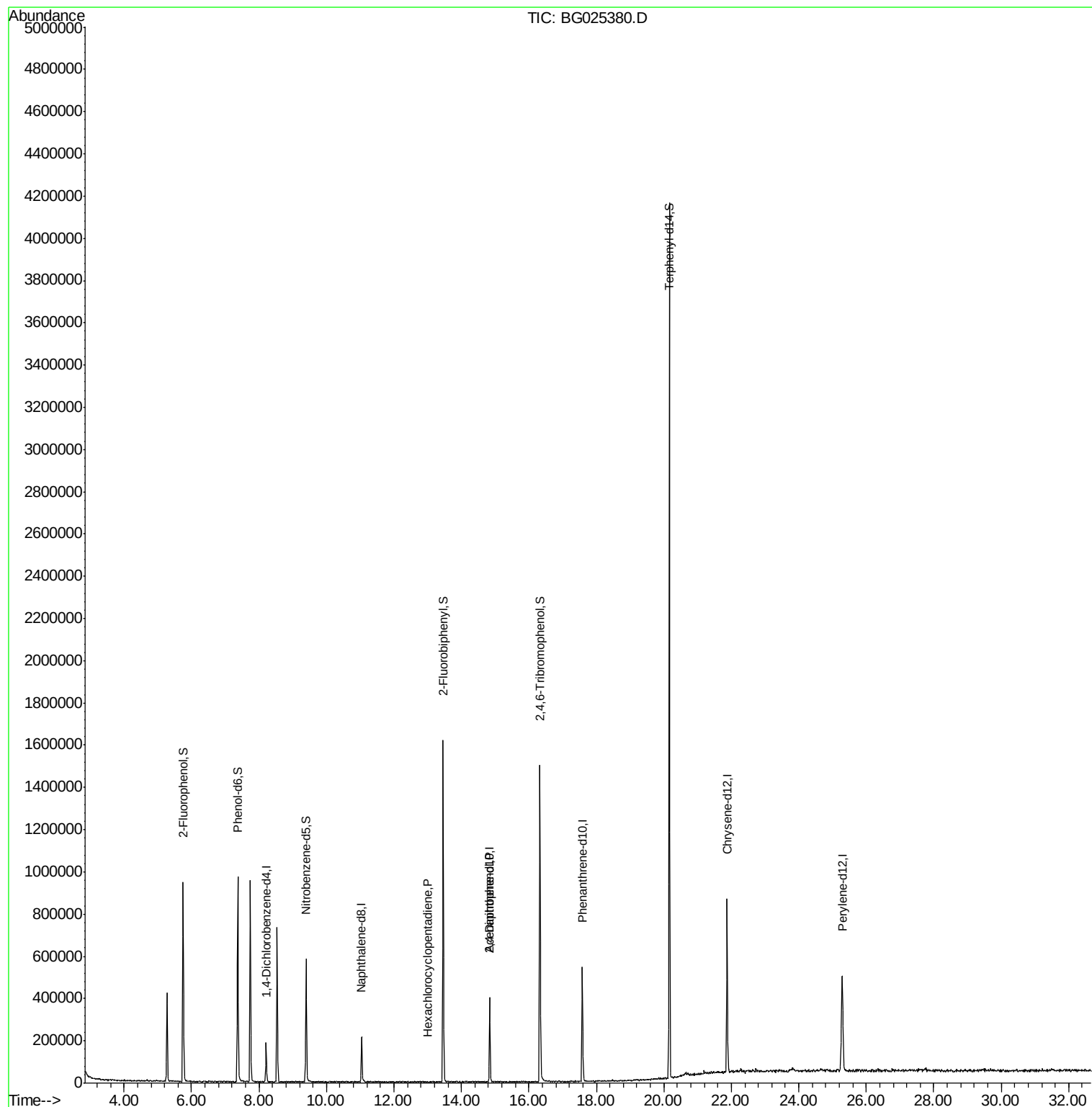
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49787	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	195647	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	154817	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	370167	20.00	ng	0.00
75) Chrysene-d12	21.88	240	560902	20.00	ng	0.00
86) Perylene-d12	25.28	264	584229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	371812	135.74	ng	0.00
7) Phenol-d6	7.37	99	515562	133.65	ng	0.00
23) Nitrobenzene-d5	9.40	82	381247	86.09	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	316232	126.87	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	839797	87.82	ng	0.00
78) Terphenyl-d14	20.17	244	1784038	84.33	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.00	237	69	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.84	184	79	5.12	ng	# 1

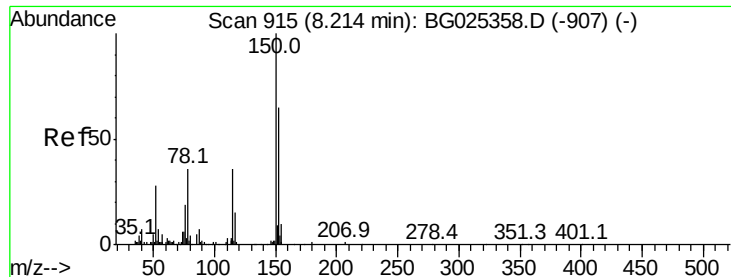
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025380.D
Acq On : 22 Dec 2016 8:52
Operator : UM/SJ
Sample : PB95526TB
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 22 13:05:16 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



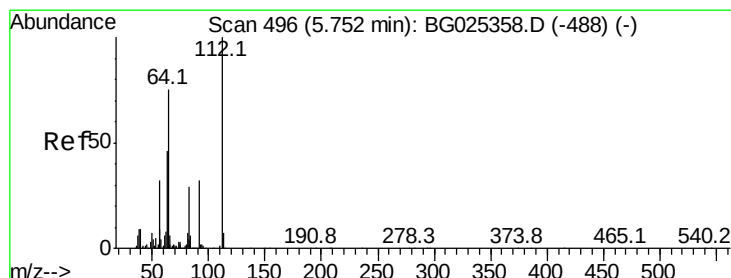
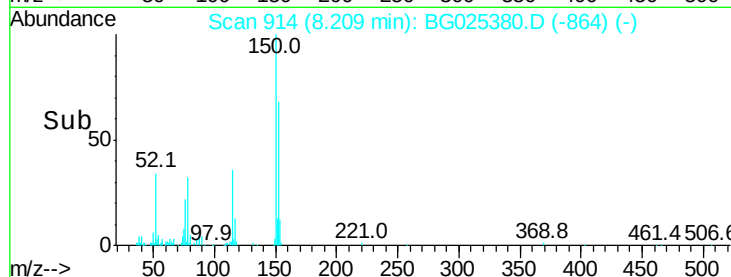
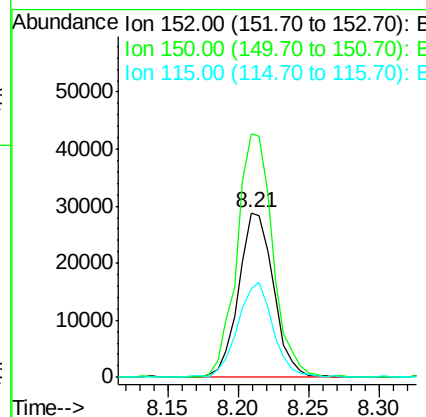
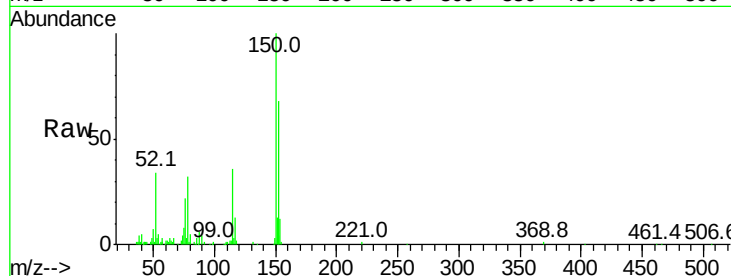


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG025380.D
 Acq: 22 Dec 2016 8:52

Instrument :
 BNA_G
 ClientSampleId :

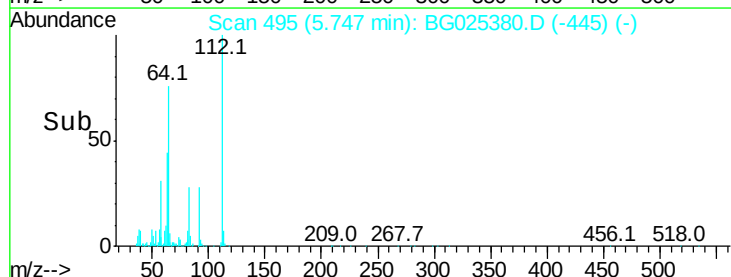
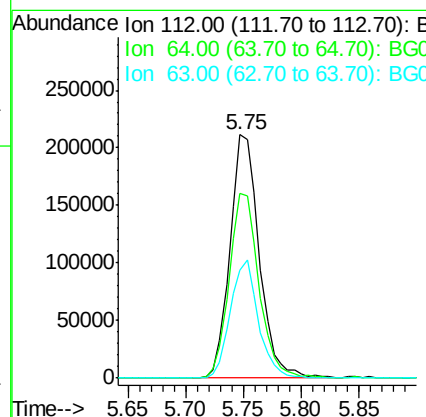
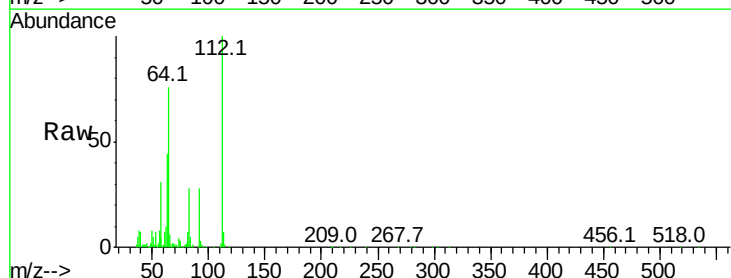
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	114.0	171.0
115	54.0	48.1	72.1

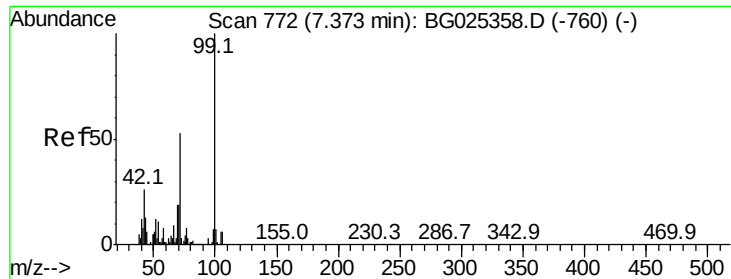


#5

2-Fluorophenol
 Concen: 135.74 ng
 RT: 5.75 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BG025380.D
 Acq: 22 Dec 2016 8:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	61.8	92.6
63	44.3	37.2	55.8





#7

Phenol-d6

Concen: 133.65 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

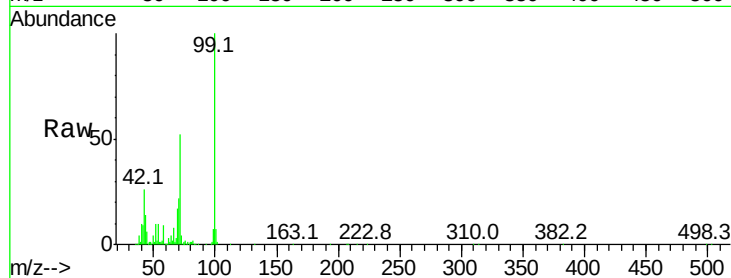
Tot Ion: 99 Resp: 515562

Ion Ratio Lower Upper

99 100

42 25.9 20.5 30.7

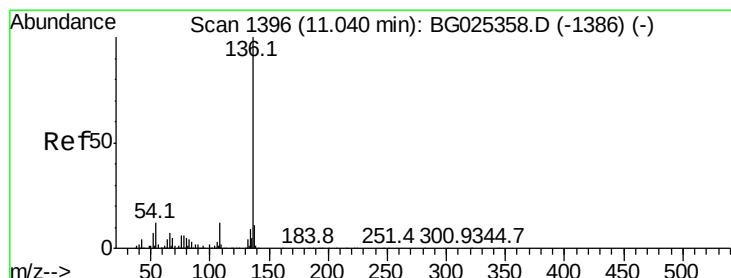
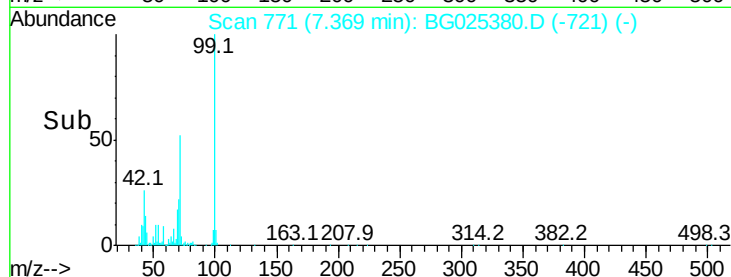
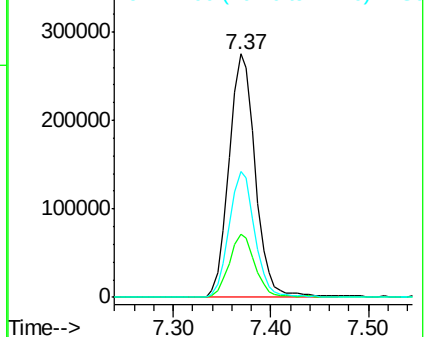
71 51.9 37.6 56.4



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: 11.05 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Tgt Ion: 136 Resp: 195647

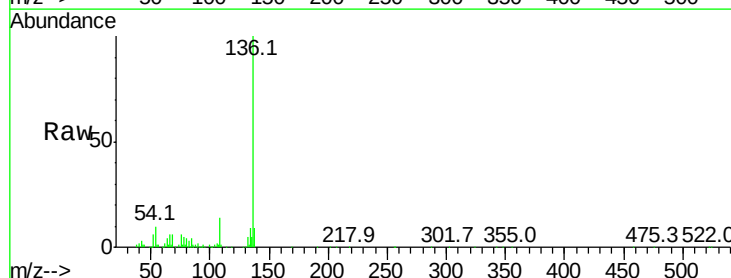
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 10.4 9.3 13.9

68 6.3 5.1 7.7

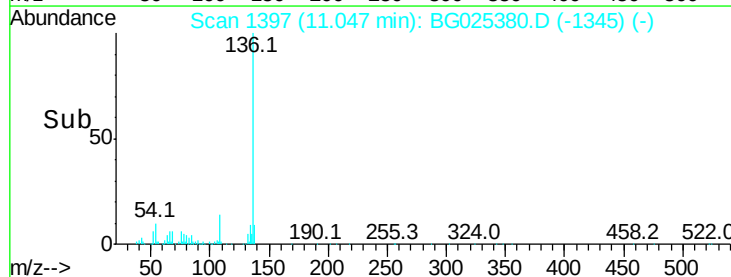
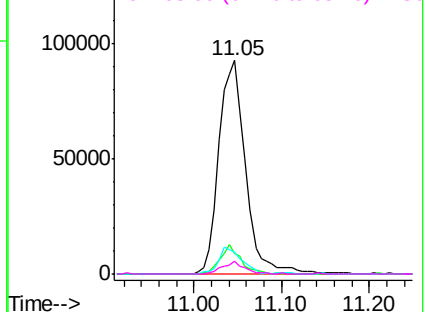


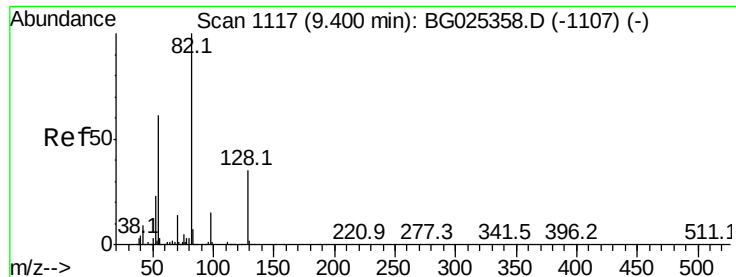
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

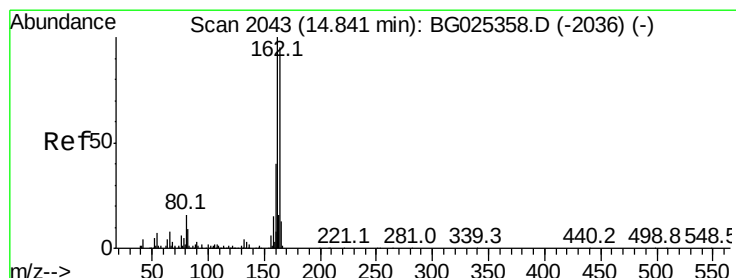
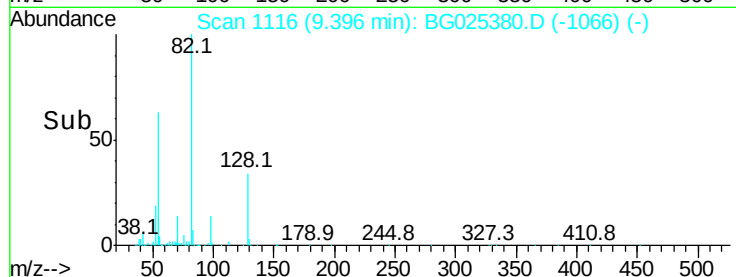
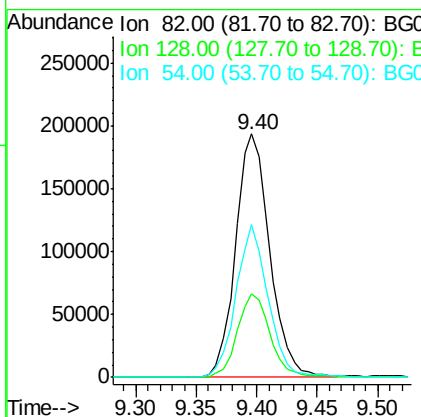
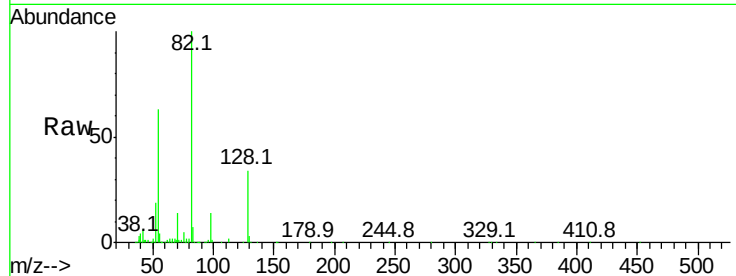




#23
 Nitrobenzene-d5
 Concen: 86.09 ng
 RT: 9.40 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BG025380.D
 Acq: 22 Dec 2016 8:52

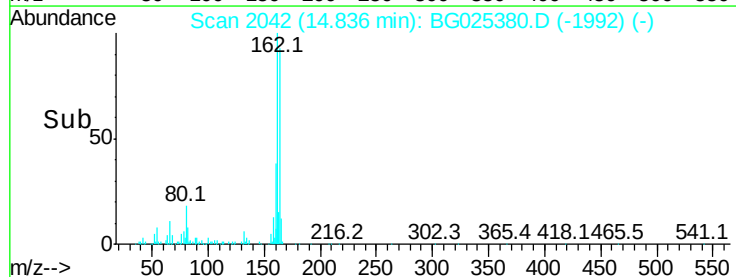
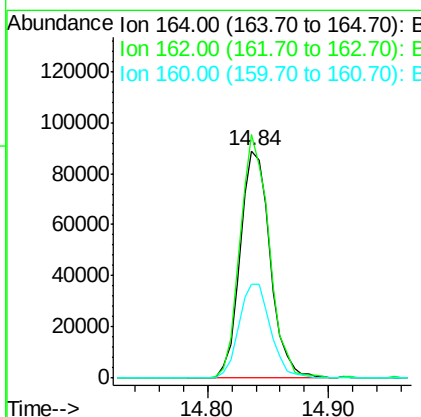
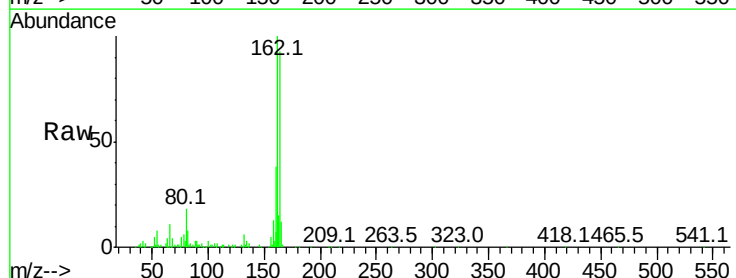
Instrument :
 BNA_G
 ClientSampled :

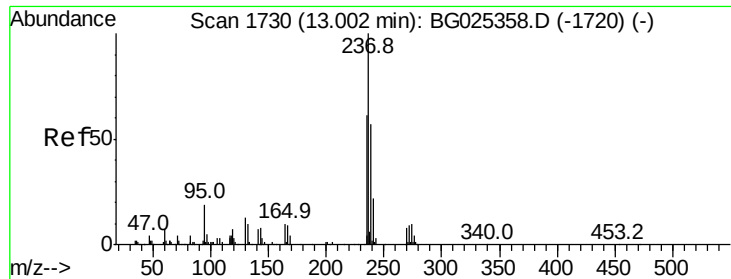
Tot Ion	82	Resp	381247
Ion Ratio	Lower	Upper	
82	100		
128	34.4	26.4	39.6
54	62.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG025380.D
 Acq: 22 Dec 2016 8:52

Tgt Ion	164	Resp	154817
Ion Ratio	Lower	Upper	
164	100		
162	107.0	85.1	127.7
160	41.1	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG025380.D

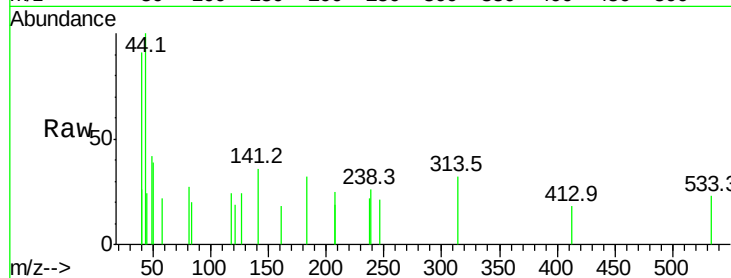
Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampled :

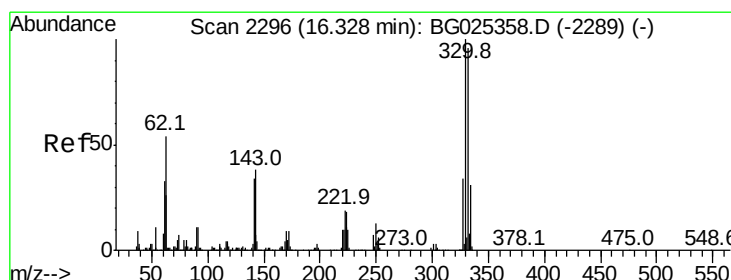
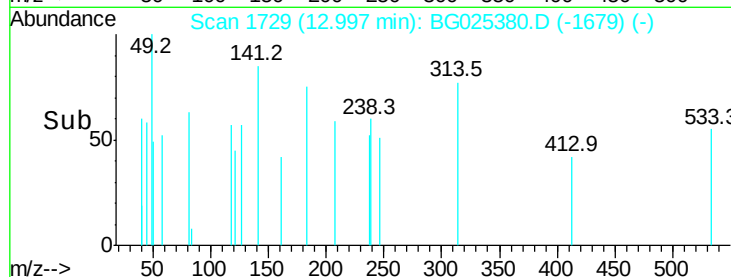
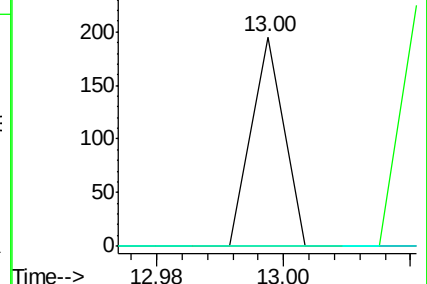
Tot Ion:	237	Resp:	69
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



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: 126.87 ng

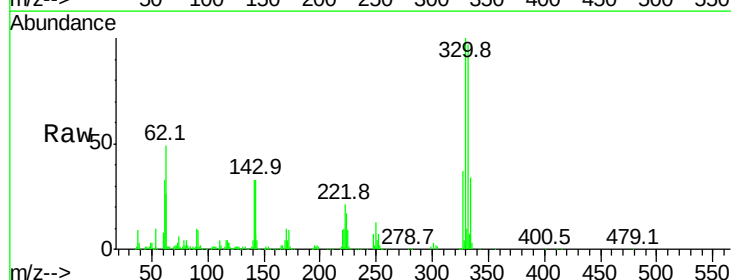
RT: 16.33 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

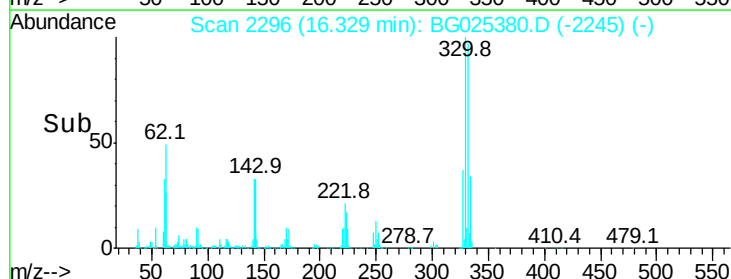
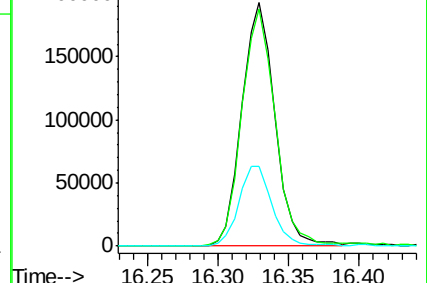
Tgt Ion:	330	Resp:	316232
Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.3	115.9
141	33.3	32.1	48.1

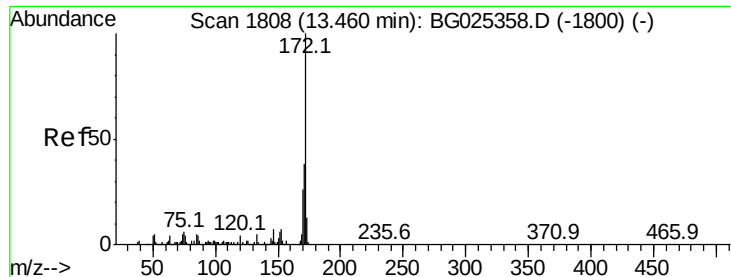


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

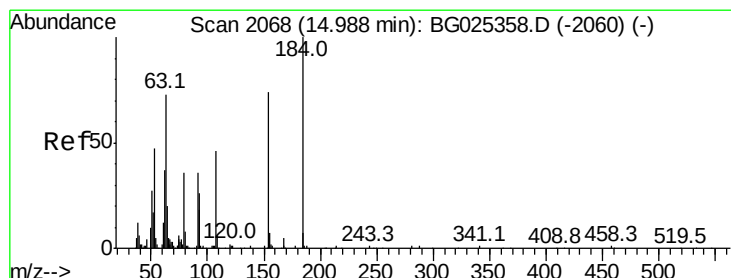
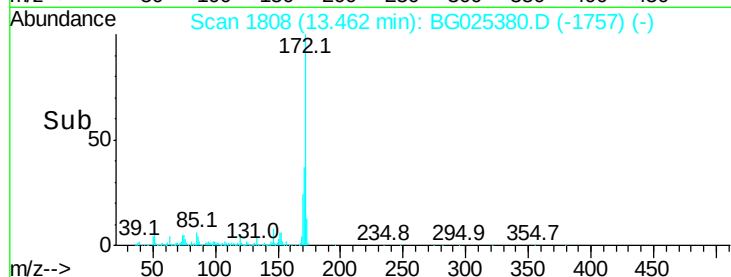
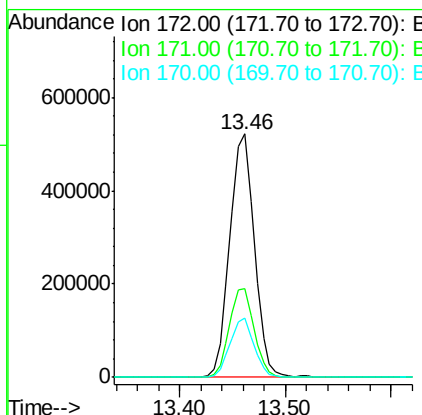
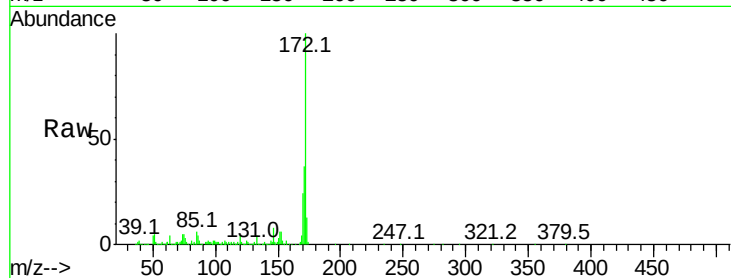




#44
2-Fluorobiphenyl
Concen: 87.82 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG025380.D
Acq: 22 Dec 2016 8:52

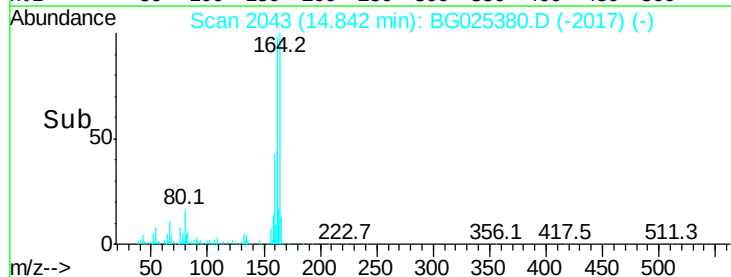
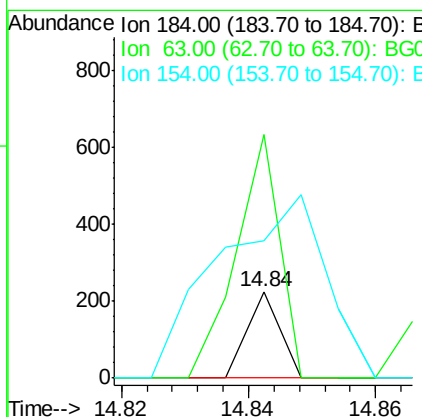
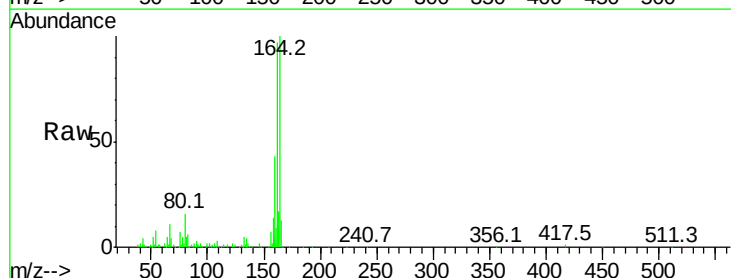
Instrument :
BNA_G
ClientSampleId :

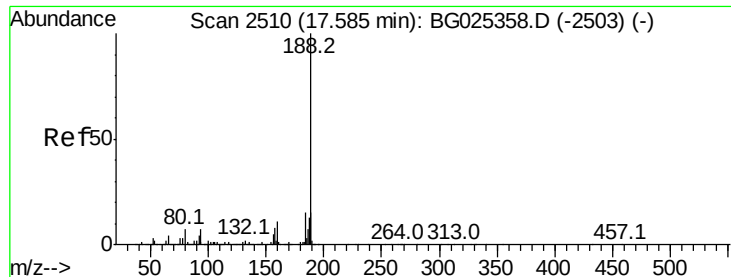
Tot Ion:172 Resp: 839797
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 24.4 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.15 min
Lab File: BG025380.D
Acq: 22 Dec 2016 8:52

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 281.3 52.7 79.1#
154 158.7 57.3 85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

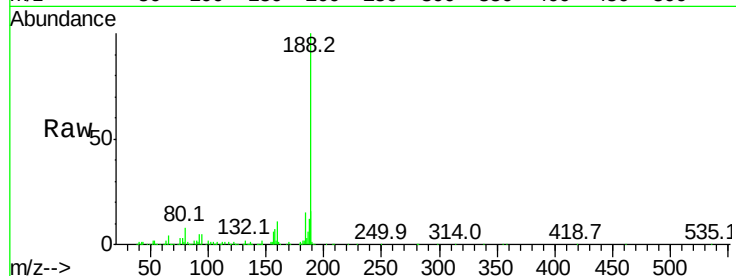
Tot Ion:188 Resp: 370167

Ion Ratio Lower Upper

188 100

94 5.2 5.8 8.8#

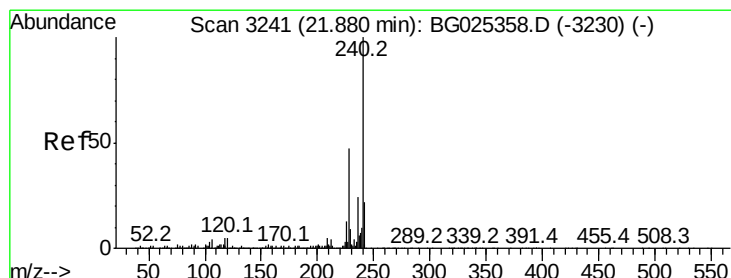
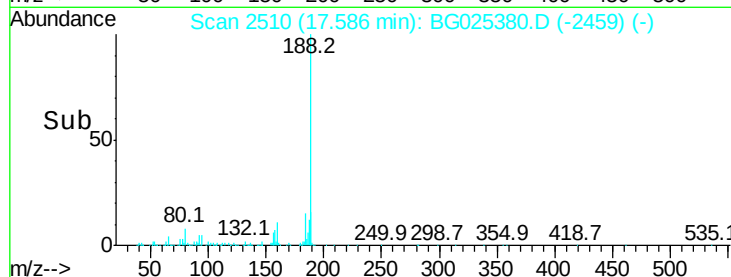
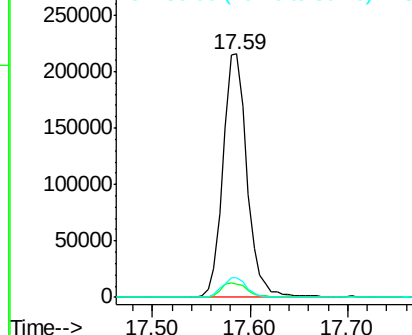
80 8.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

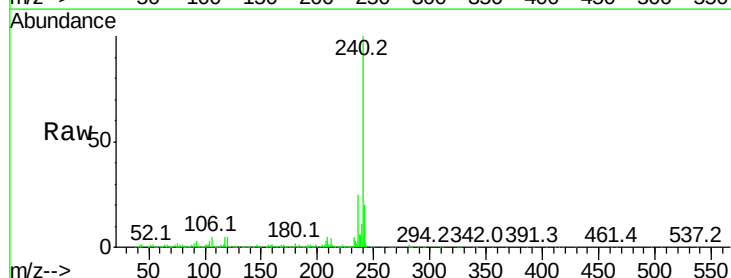
Tgt Ion:240 Resp: 560902

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

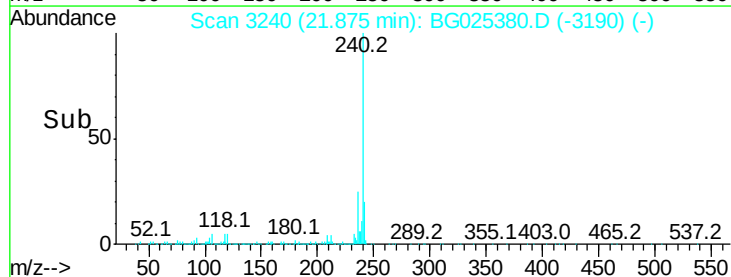
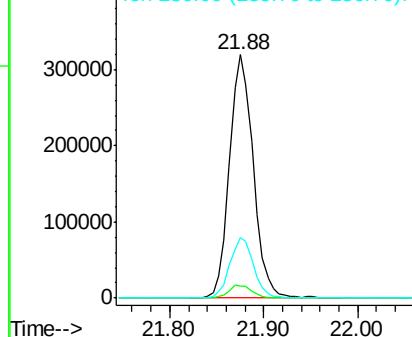
236 24.7 22.2 33.4

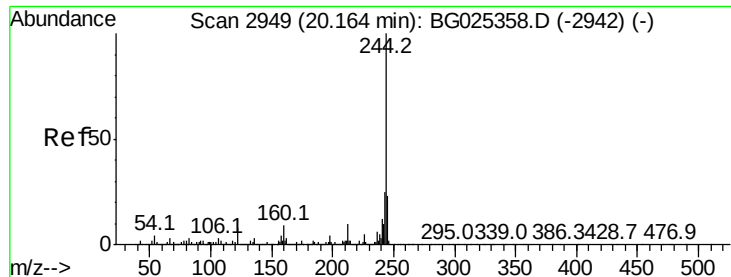


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.33 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

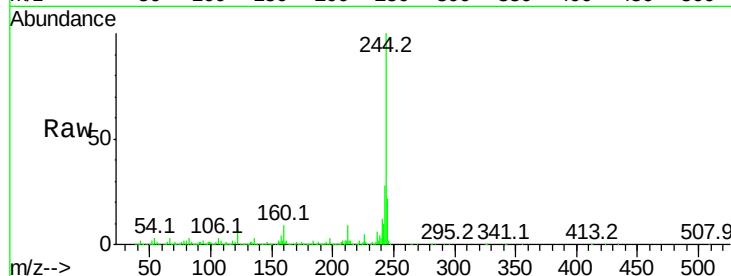
Tot Ion:244 Resp: 1784038

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

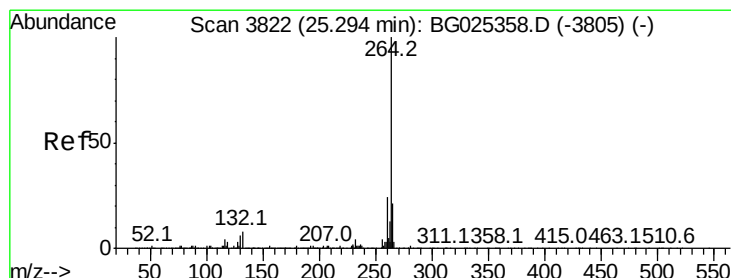
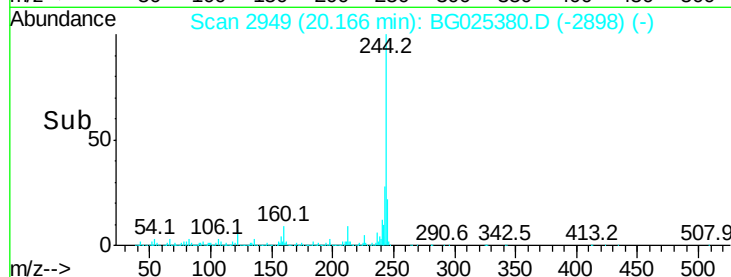
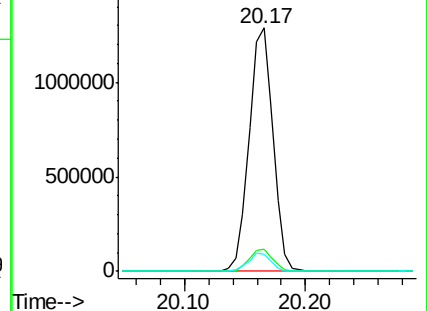
122 7.0 8.6 12.8#



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: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

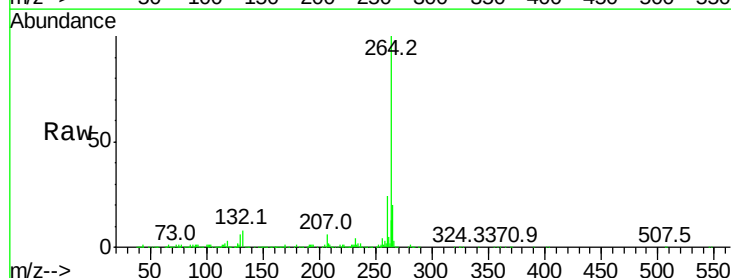
Tgt Ion:264 Resp: 584229

Ion Ratio Lower Upper

264 100

260 23.8 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

