

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122116\
 Data File : BG025375.D
 Acq On : 22 Dec 2016 2:36
 Operator : UM/SJ
 Sample : PB95526BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95526BL

Quant Time: Dec 22 05:12:38 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

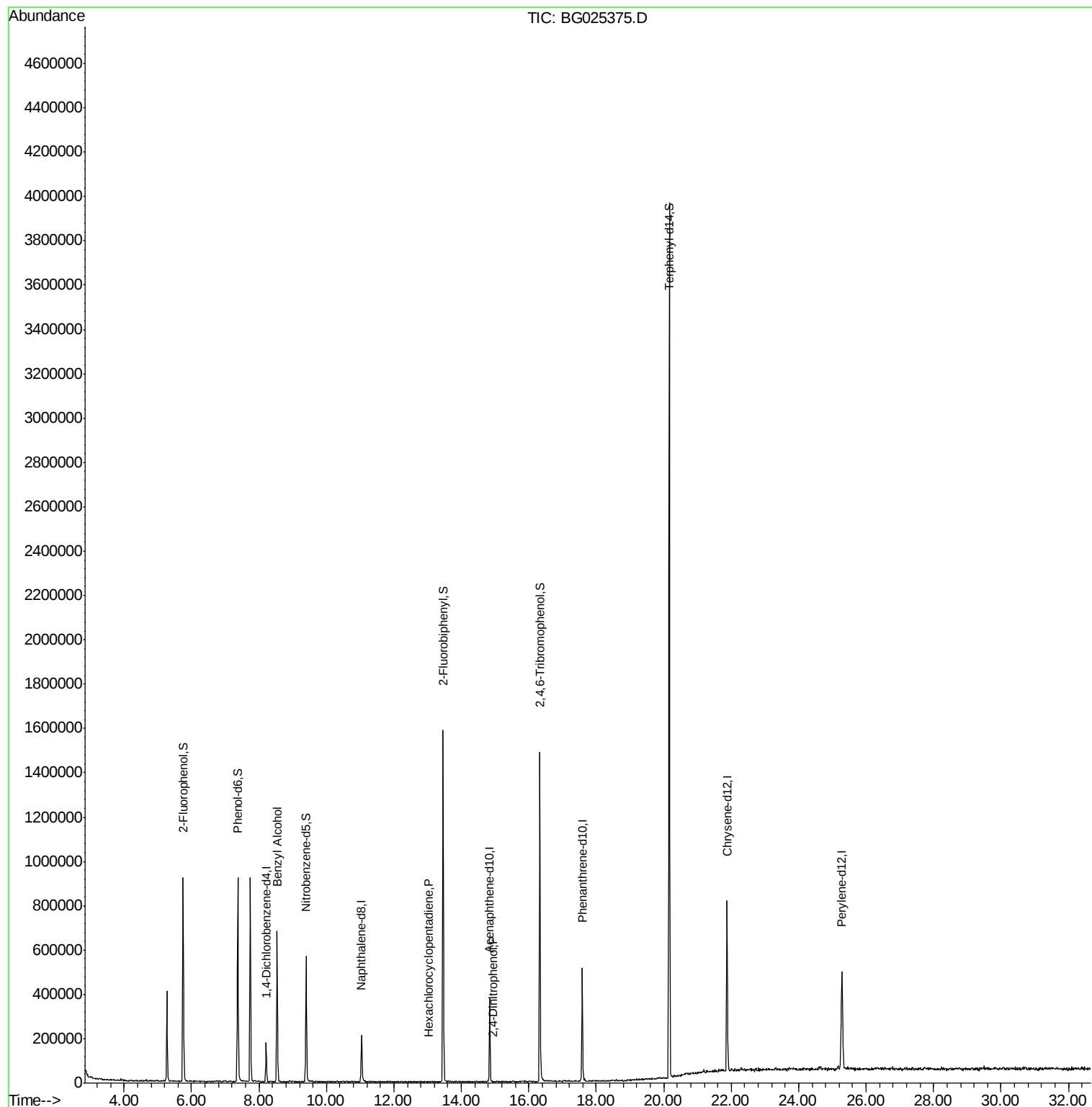
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	45806	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	184828	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	149316	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	348799	20.00	ng	0.00
75) Chrysene-d12	21.87	240	537725	20.00	ng	0.00
86) Perylene-d12	25.28	264	556488	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	361288	143.37	ng	0.00
7) Phenol-d6	7.37	99	492658	138.81	ng	0.00
23) Nitrobenzene-d5	9.40	82	364104	87.03	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	312268	129.90	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	825735	89.53	ng	0.00
78) Terphenyl-d14	20.17	244	1738109	85.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	7402	2.18	ng	# 72
40) Hexachlorocyclopentadiene	13.03	237	67	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	69	5.12	ng	# 15

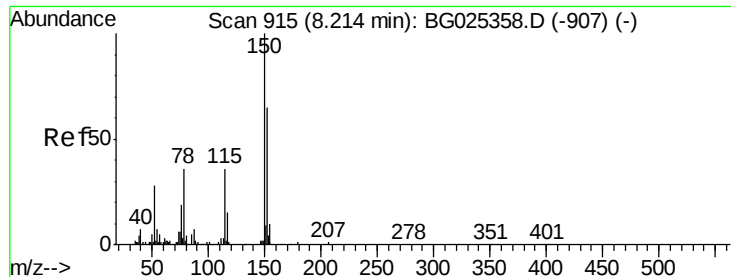
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025375.D

Acq: 22 Dec 2016 2:36

Instrument :

BNA_G

ClientSampleId :

PB95526BL

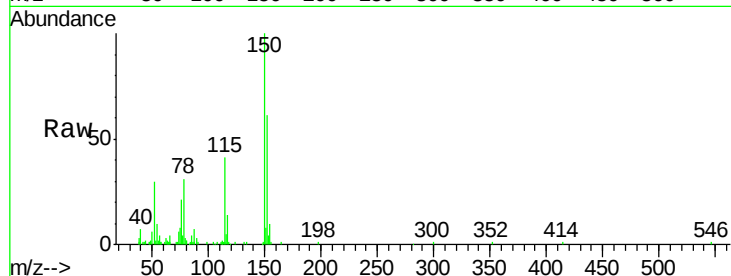
Tgt Ion:152 Resp: 45806

Ion Ratio Lower Upper

152 100

150 165.1 114.0 171.0

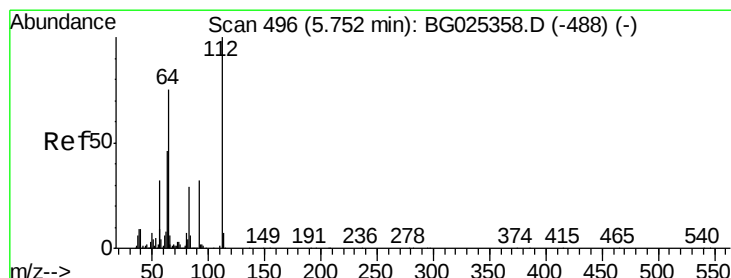
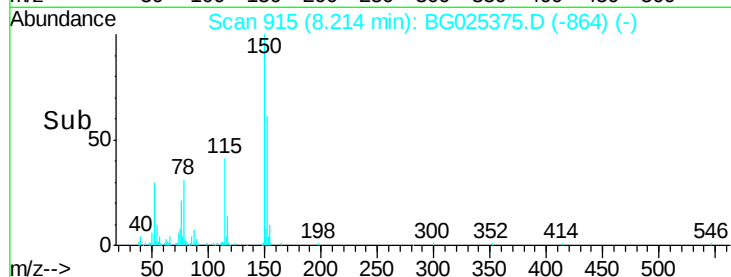
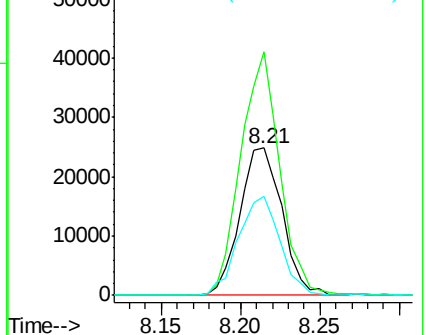
115 67.2 48.1 72.1



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: 143.37 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

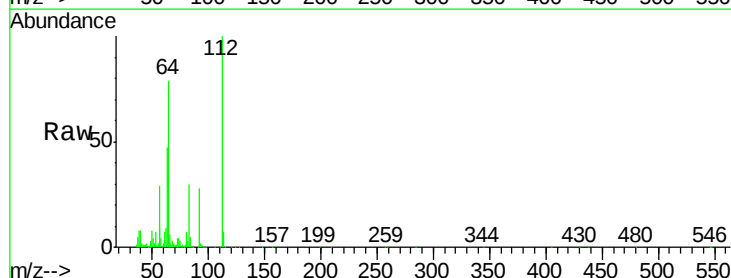
Tgt Ion:112 Resp: 361288

Ion Ratio Lower Upper

112 100

64 79.3 61.8 92.6

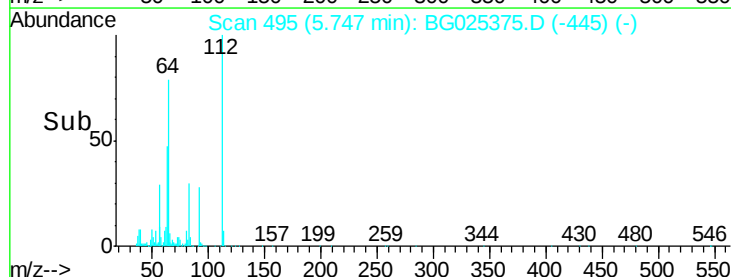
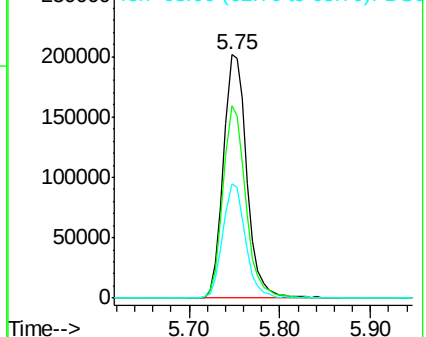
63 47.2 37.2 55.8

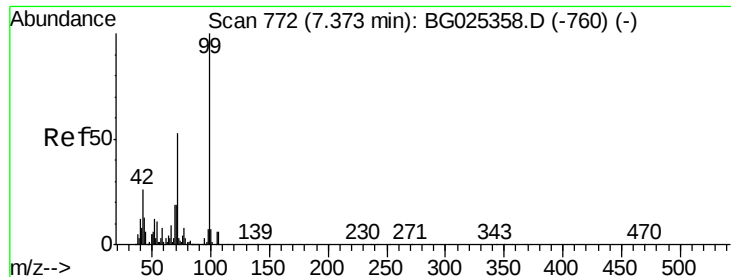


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.81 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

Instrument :

BNA_G

ClientSampleId :

PB95526BL

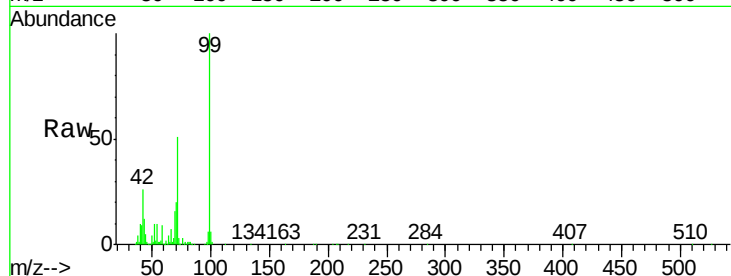
Tgt Ion: 99 Resp: 492658

Ion Ratio Lower Upper

99 100

42 25.9 20.5 30.7

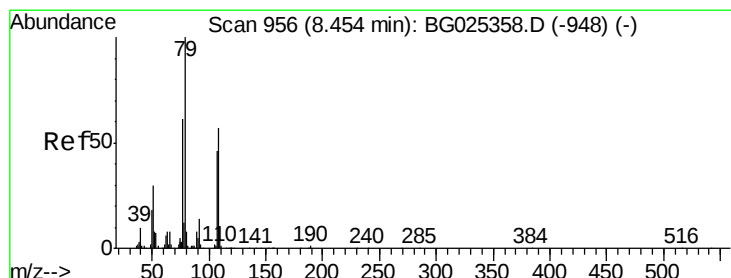
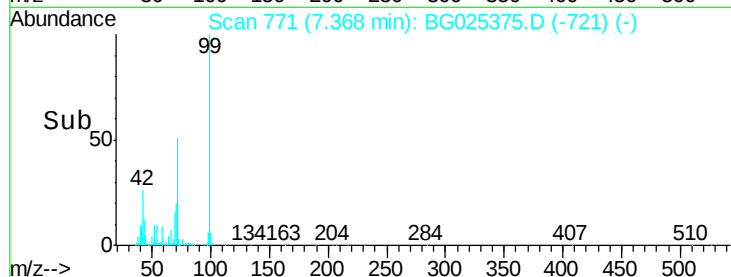
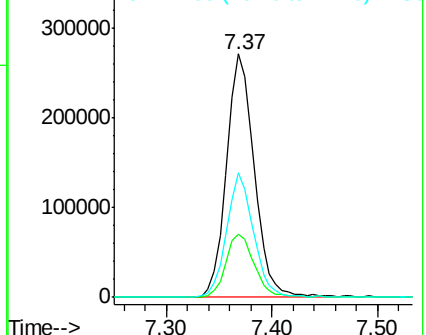
71 51.4 37.6 56.4



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: 2.18 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.08 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

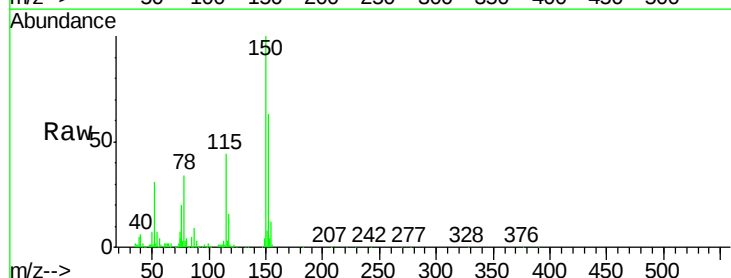
Tgt Ion: 79 Resp: 7402

Ion Ratio Lower Upper

79 100

108 34.7 45.5 68.3#

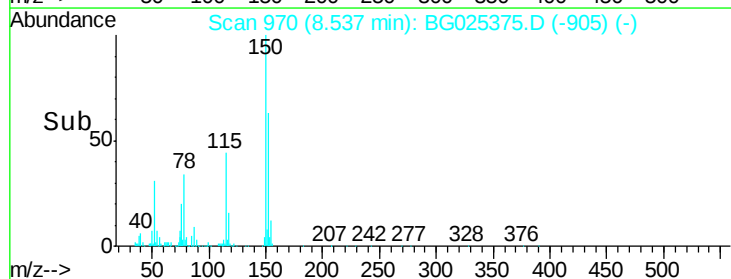
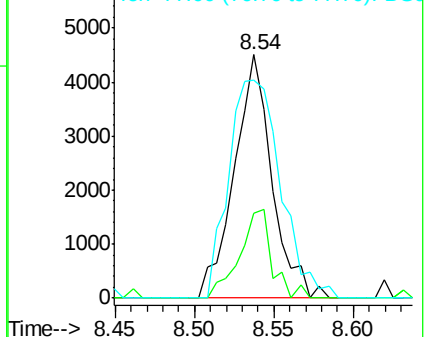
77 89.6 54.3 81.5#

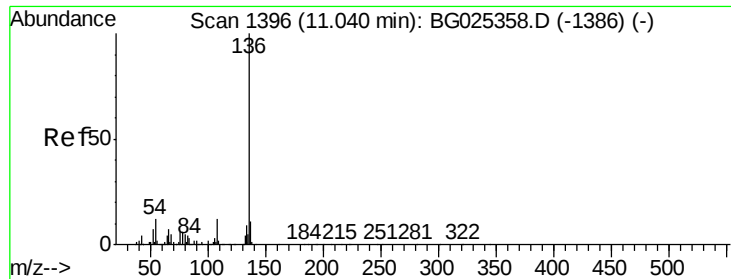


Abundance Ion 79.00 (78.70 to 79.70): BGC

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: BG025375.D

Acq: 22 Dec 2016 2:36

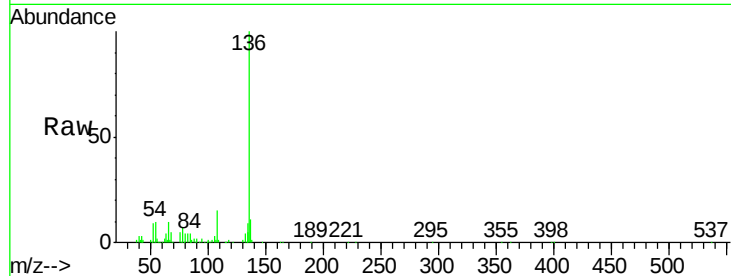
Instrument :

BNA_G

ClientSampleId :

PB95526BL

Tgt Ion:	136	Resp:	184828
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.4	9.3	13.9
68	5.3	5.1	7.7

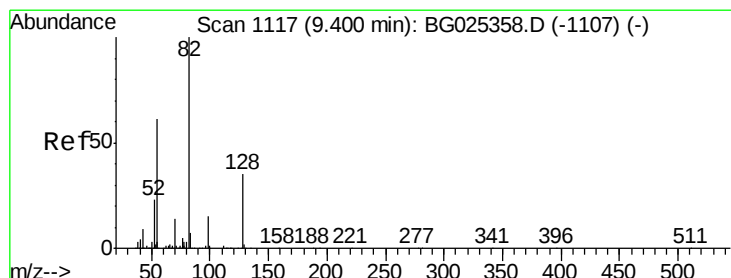
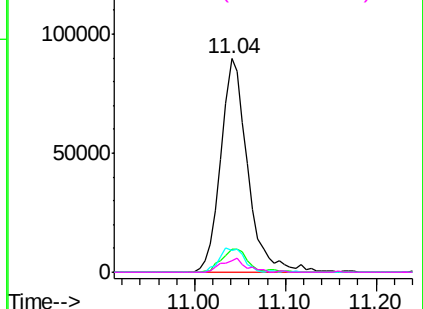
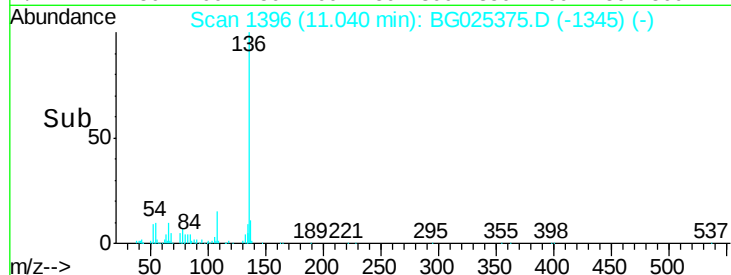


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 87.03 ng

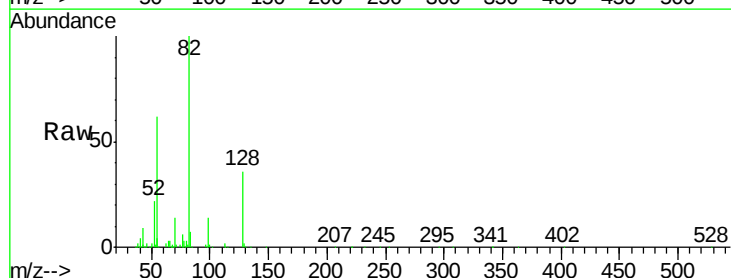
RT: 9.40 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

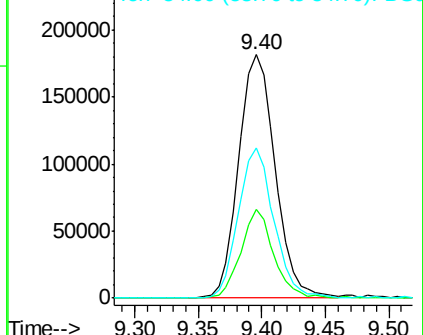
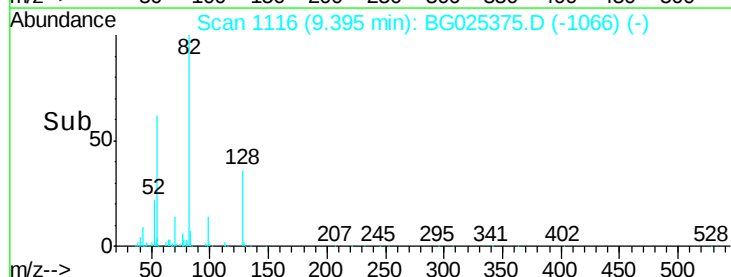
Tgt Ion:	82	Resp:	364104
Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	61.6	49.4	74.2

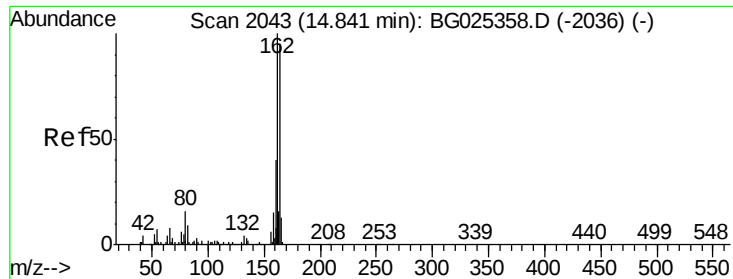


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

Instrument :

BNA_G

ClientSampleId :

PB95526BL

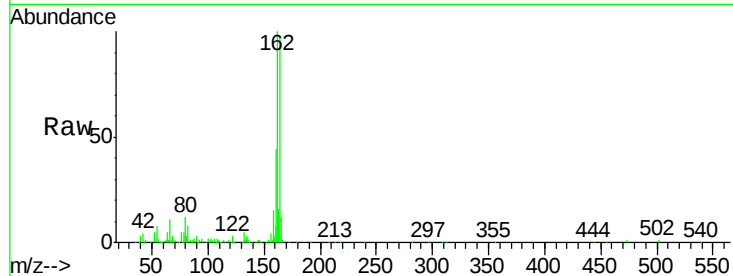
Tgt Ion:164 Resp: 149316

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

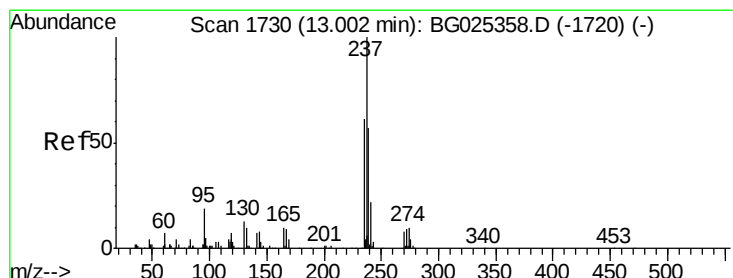
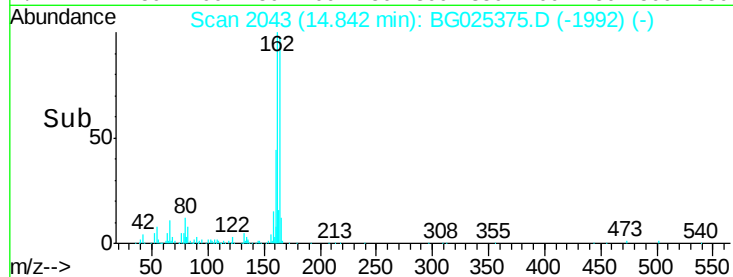
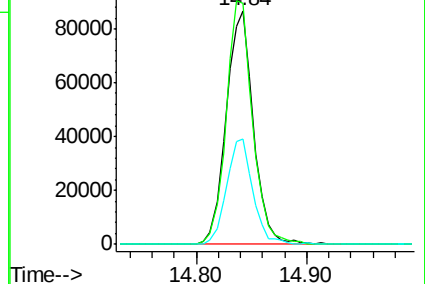
160 44.9 34.7 52.1



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# 1734

Delta R.T. 0.02 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

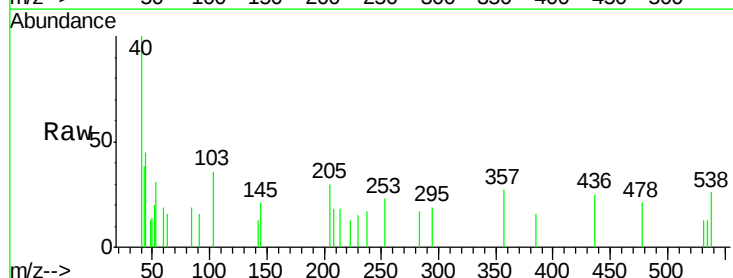
Tgt Ion:237 Resp: 67

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

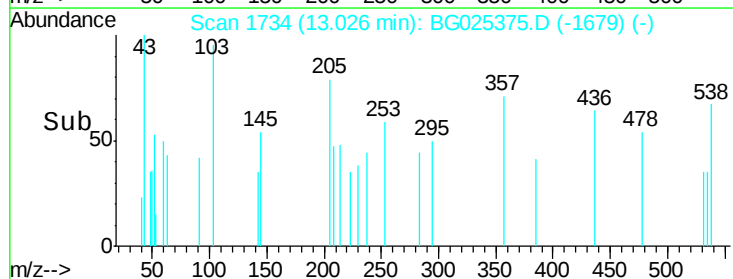
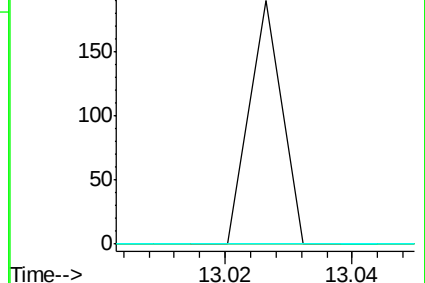
272 0.0 0.0 32.0



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

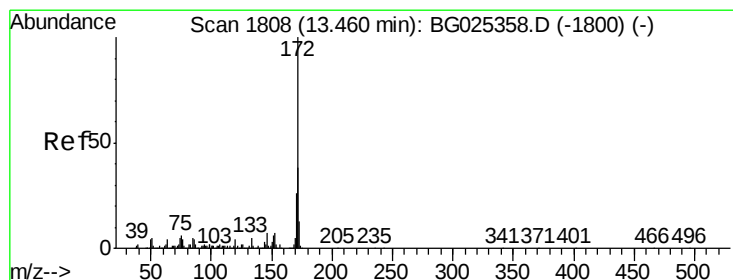
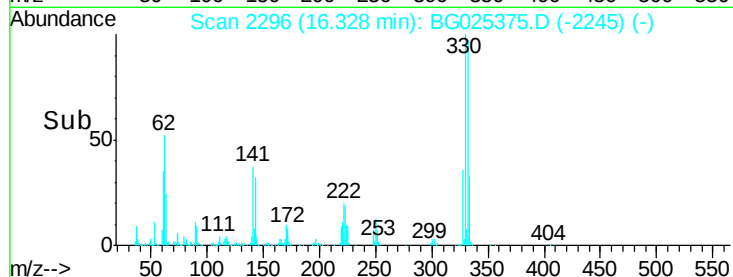
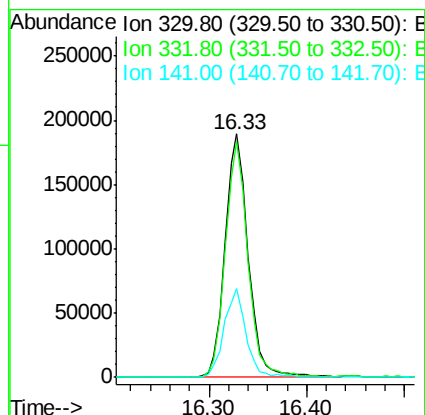
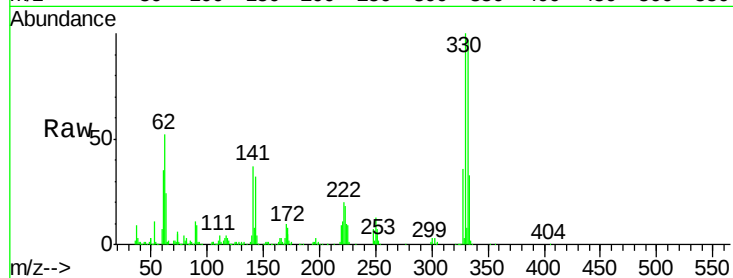




#41
 2,4,6-Tribromophenol
 Concen: 129.90 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG025375.D
 Acq: 22 Dec 2016 2:36

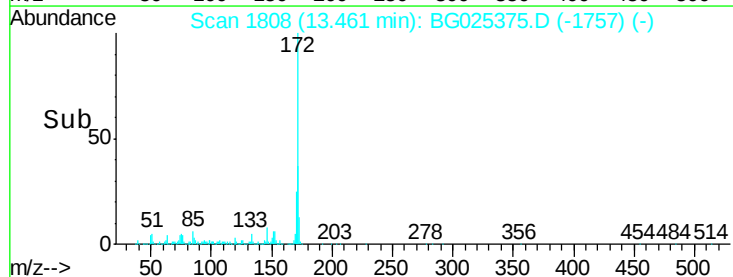
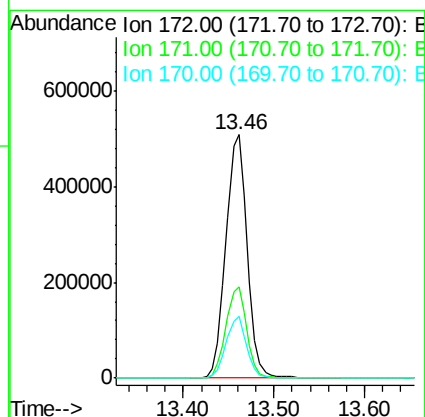
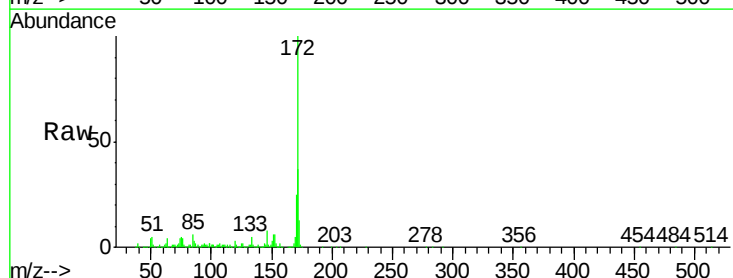
Instrument :
 BNA_G
 ClientSampleId :
 PB95526BL

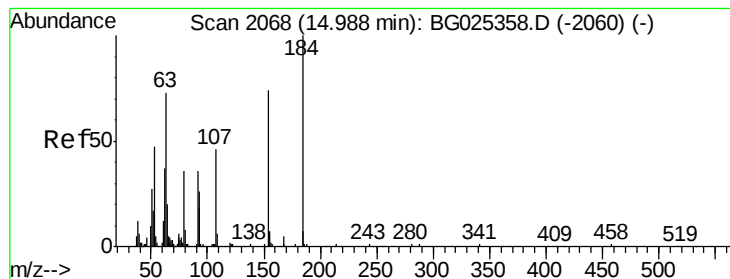
Tgt Ion:330 Resp: 312268
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 34.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 89.53 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG025375.D
 Acq: 22 Dec 2016 2:36

Tgt Ion:172 Resp: 825735
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 25.3 21.8 32.6

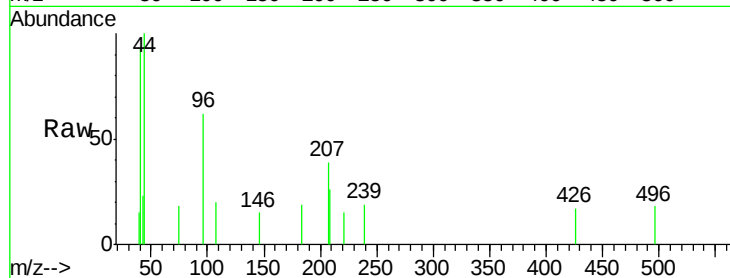




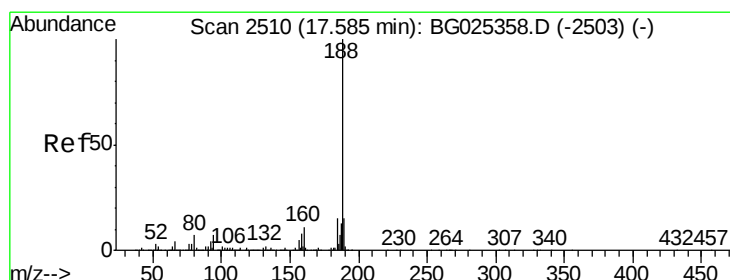
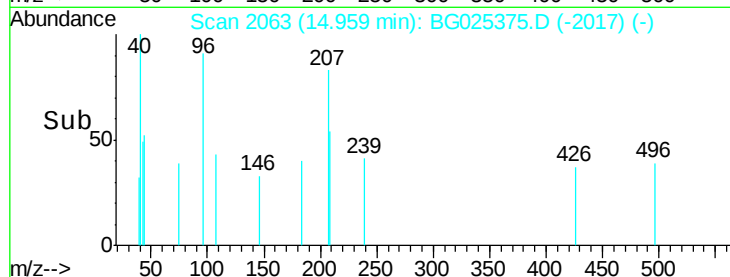
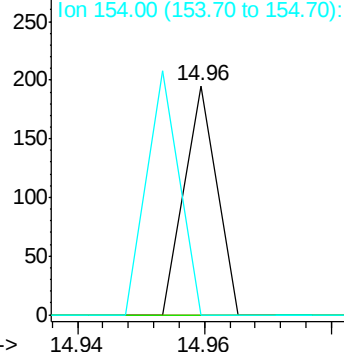
#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.96 min Scan# 2063
Delta R.T. -0.03 min
Lab File: BG025375.D
Acq: 22 Dec 2016 2:36

Instrument :
BNA_G
ClientSampleId :
PB95526BL

Tgt Ion:184 Resp: 69
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

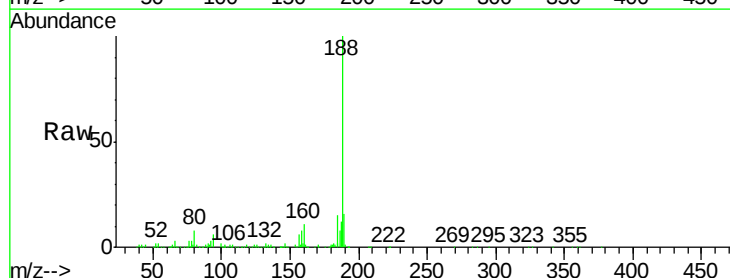


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 154.00 (153.70 to 154.70): E

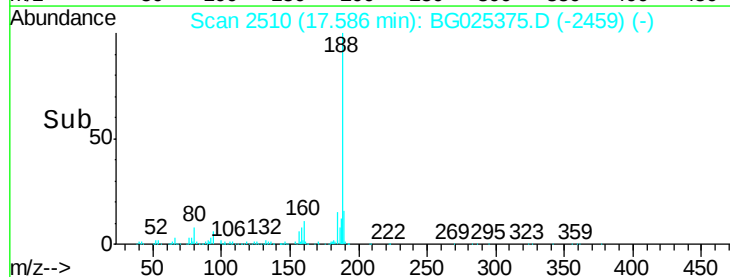
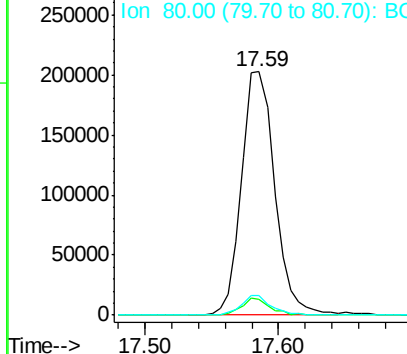


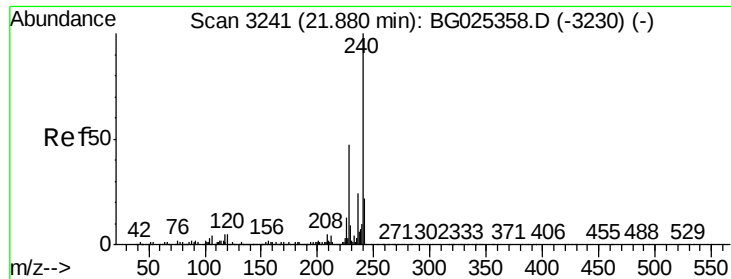
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG025375.D
Acq: 22 Dec 2016 2:36

Tgt Ion:188 Resp: 348799
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.9 7.5 11.3



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

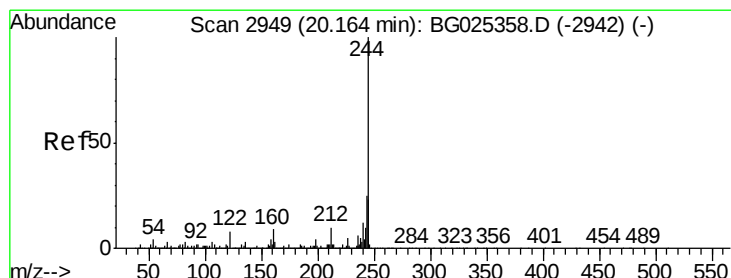
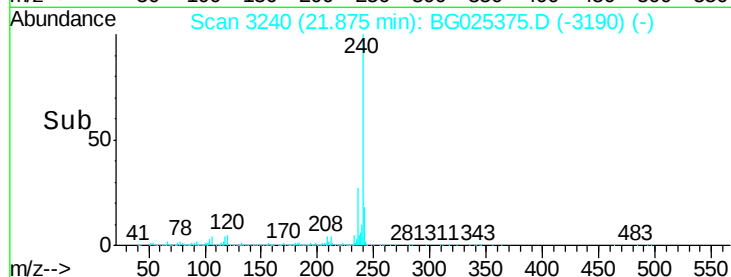
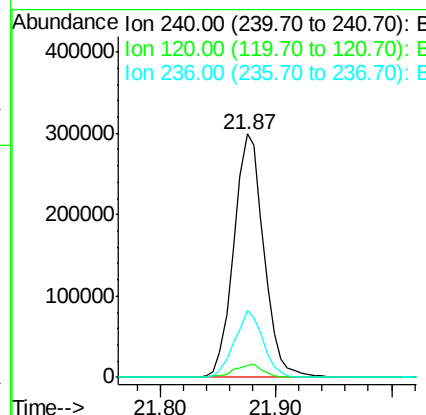
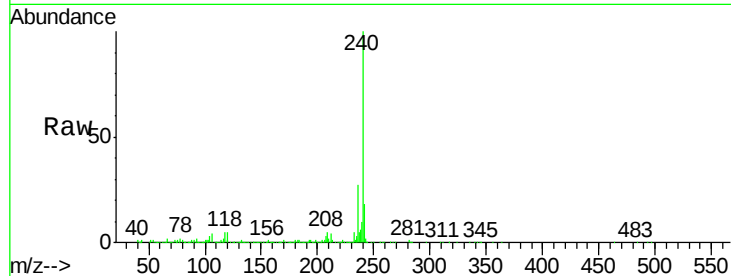




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025375.D
Acq: 22 Dec 2016 2:36

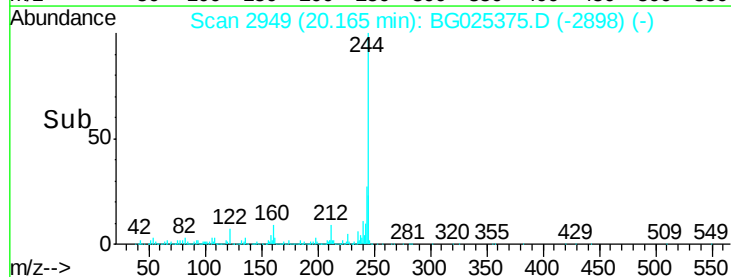
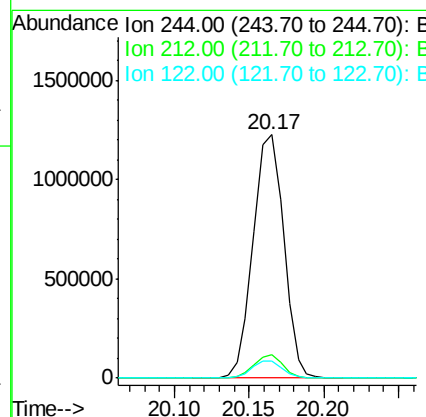
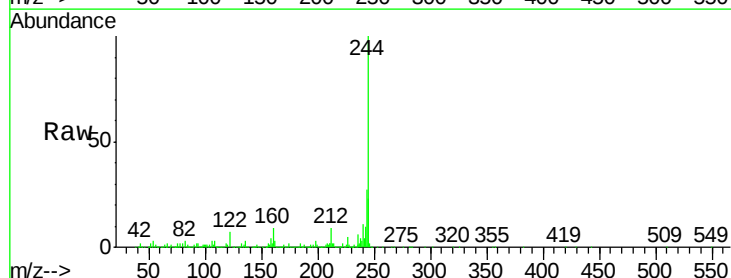
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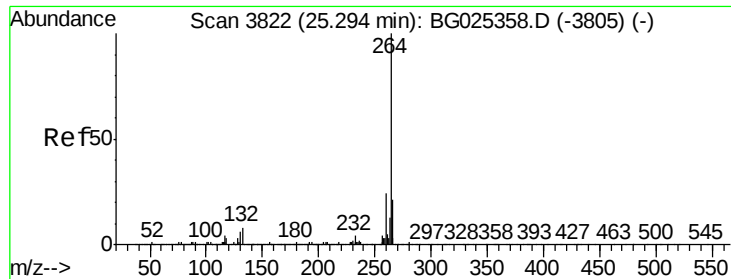
Tgt Ion:240 Resp: 537725
Ion Ratio Lower Upper
240 100
120 5.1 5.7 8.5#
236 27.3 22.2 33.4



#78
Terphenyl-d14
Concen: 85.70 ng
RT: 20.17 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG025375.D
Acq: 22 Dec 2016 2:36

Tgt Ion:244 Resp: 1738109
Ion Ratio Lower Upper
244 100
212 9.4 10.0 15.0#
122 7.1 8.6 12.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

Instrument :

BNA_G

ClientSampleId :

PB95526BL

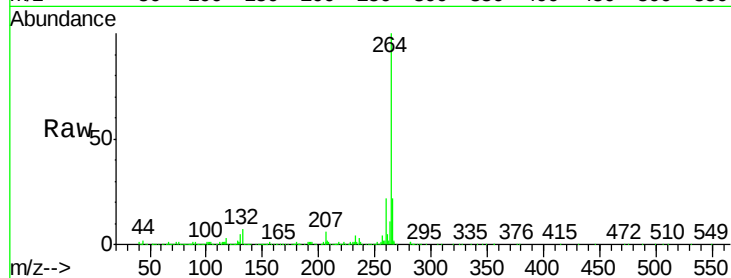
Tgt Ion: 264 Resp: 556488

Ion Ratio Lower Upper

264 100

260 21.9 21.8 32.8

265 21.6 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

