

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 05:38:42 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

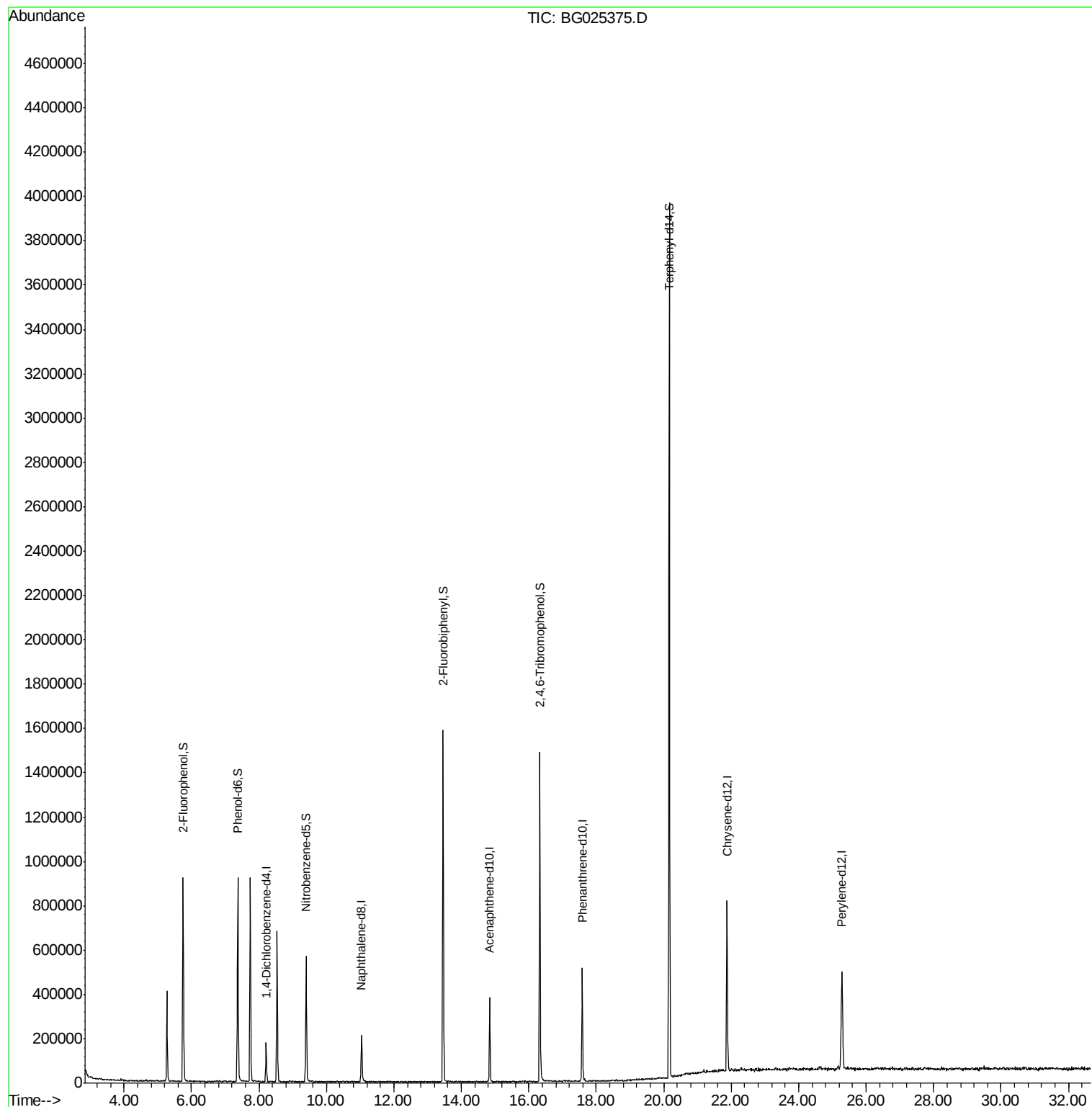
Target Compounds Qvalue

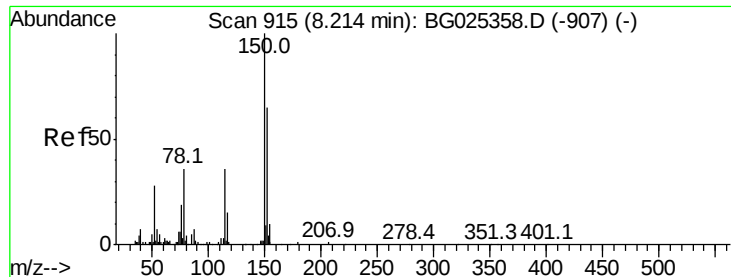
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

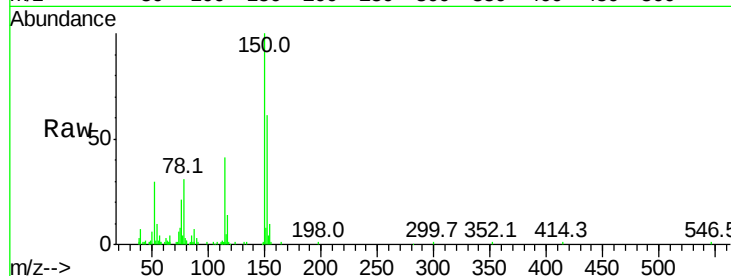
Tot Ion:152 Resp: 45806

Ion Ratio Lower Upper

152 100

150 165.1 114.0 171.0

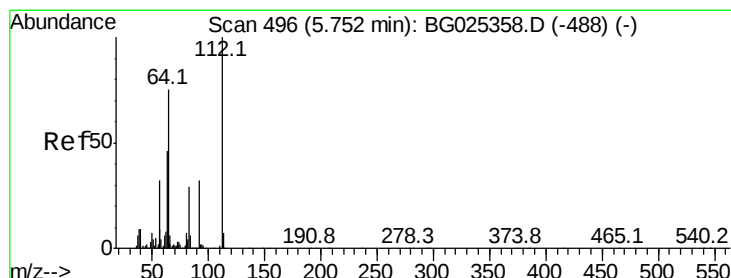
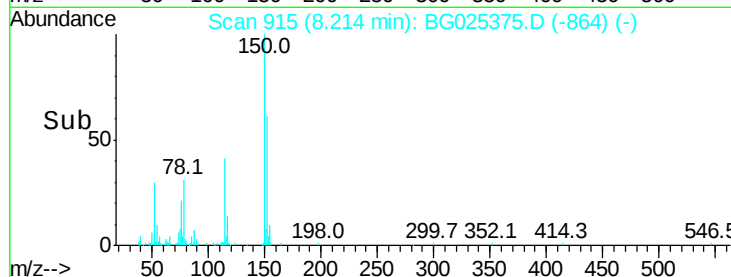
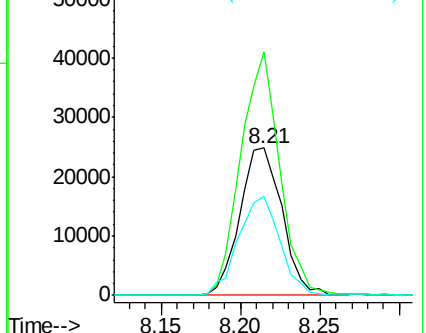
115 67.2 48.1 72.1



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

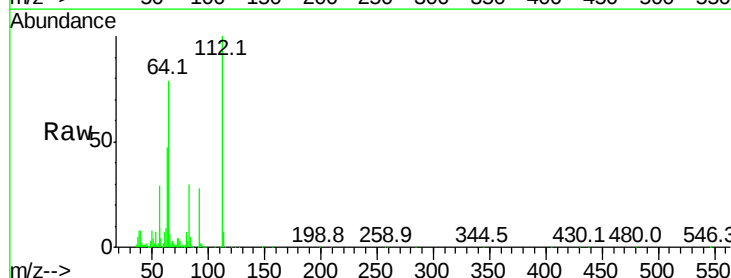
Tgt Ion:112 Resp: 361288

Ion Ratio Lower Upper

112 100

64 79.3 61.8 92.6

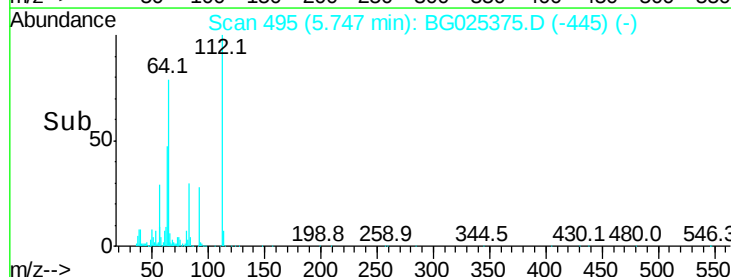
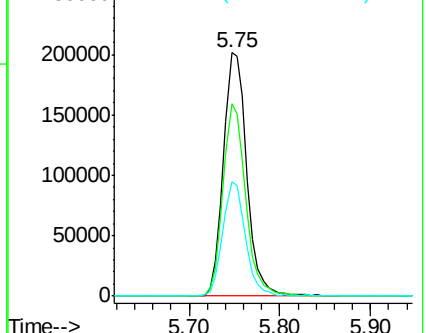
63 47.2 37.2 55.8

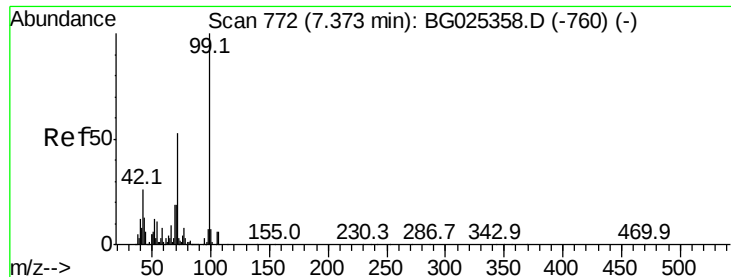


Abundance Ion 112.00 (111.70 to 112.70): E

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

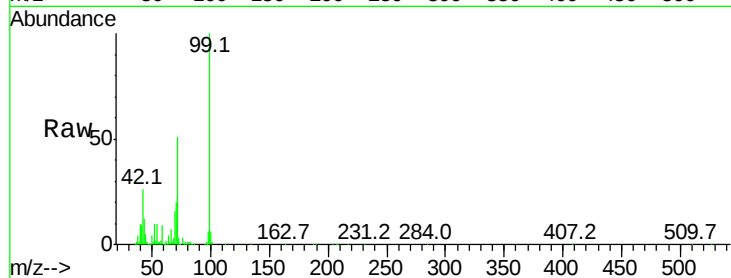
Tot Ion: 99 Resp: 492658

Ion Ratio Lower Upper

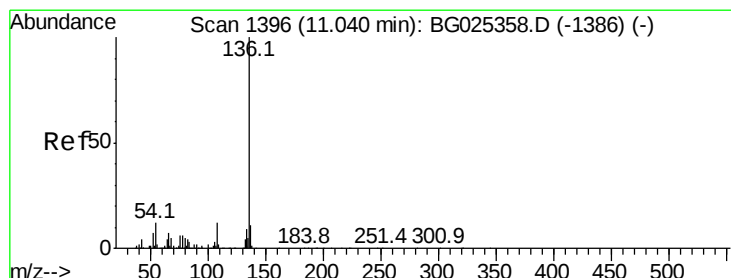
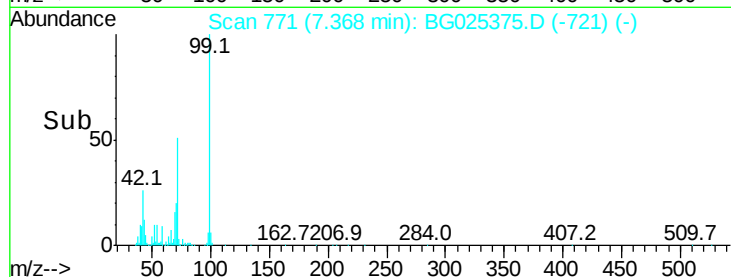
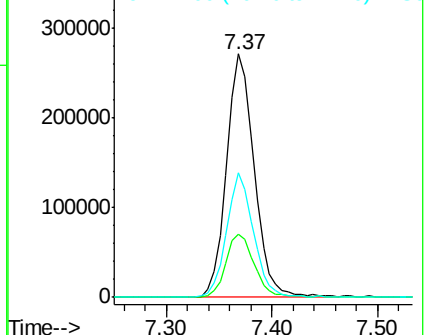
99 100

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



#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

Tgt Ion: 136 Resp: 184828

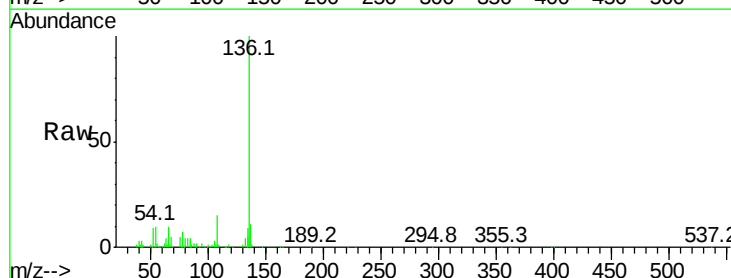
Ion Ratio Lower Upper

136 100

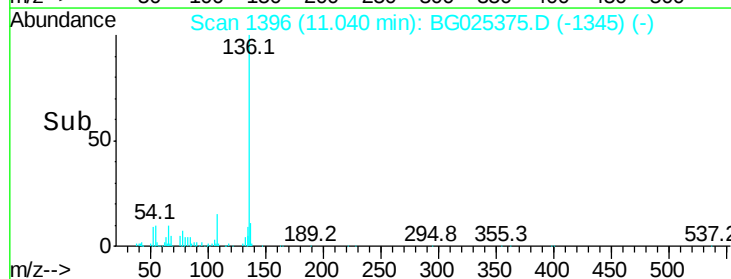
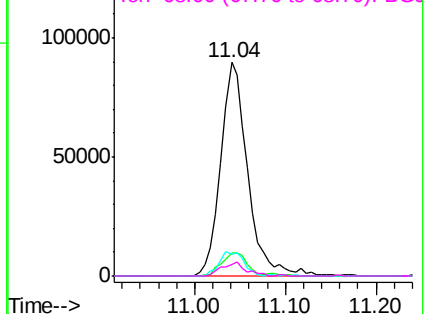
137 11.1 8.9 13.3

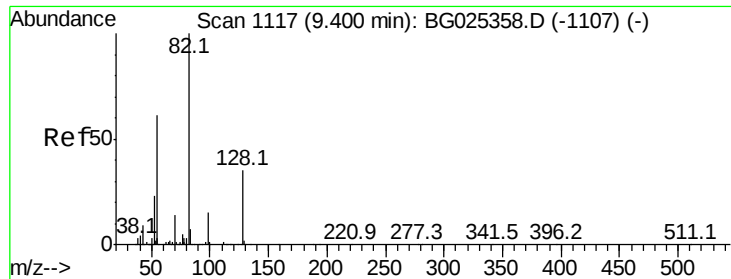
54 10.4 9.3 13.9

68 5.3 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): 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

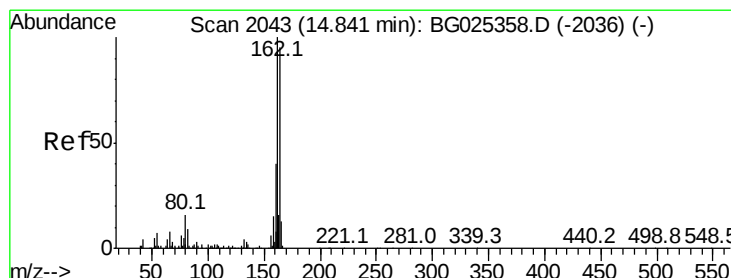
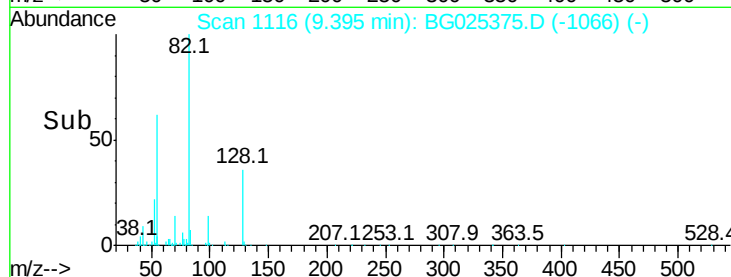
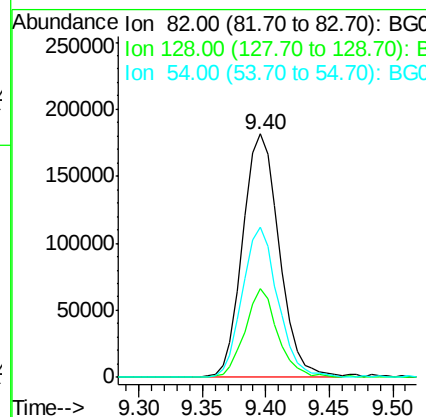
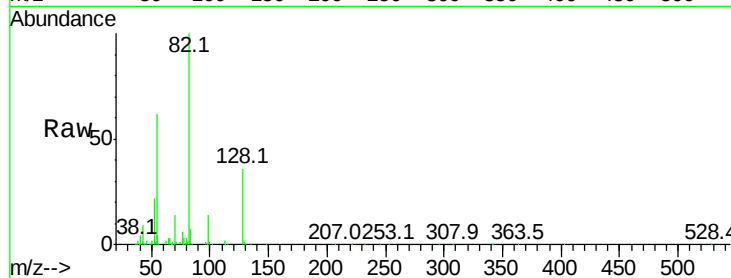




#23
Nitrobenzene-d5
Concen: 87.03 ng
RT: 9.40 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025375.D
Acq: 22 Dec 2016 2:36

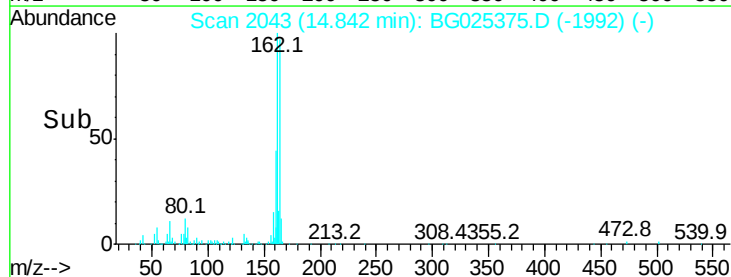
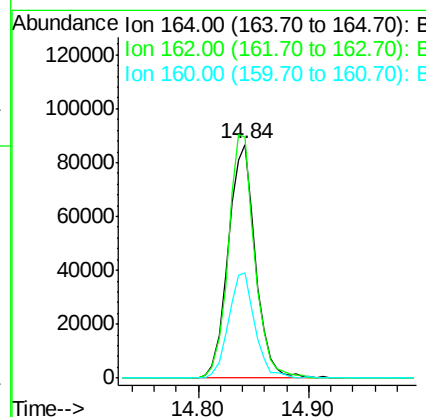
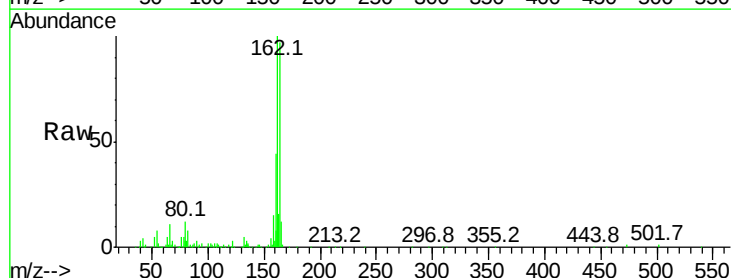
Instrument :
BNA_G
ClientSampleId :
PB95526BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	61.6	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: BG025375.D
Acq: 22 Dec 2016 2:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.1	127.7
160	44.9	34.7	52.1

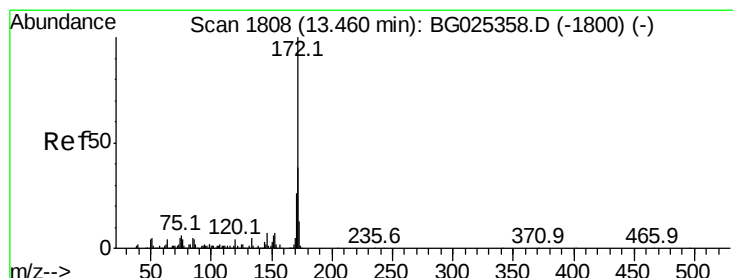
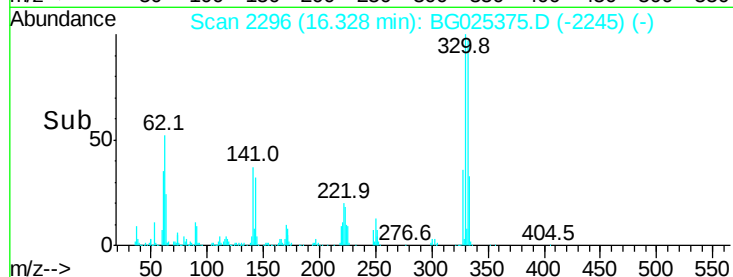
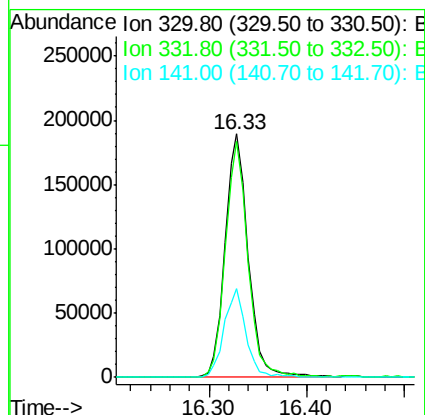
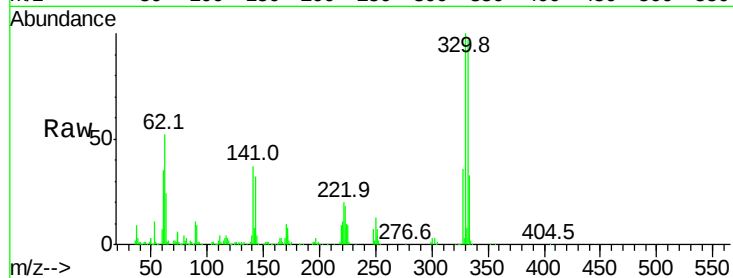




#41
2,4,6-Tribromophenol
Concen: 129.90 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025375.D
Acq: 22 Dec 2016 2:36

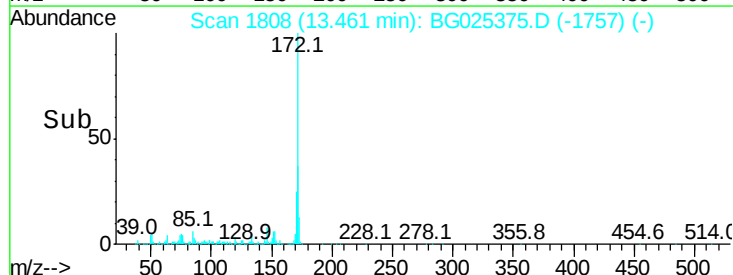
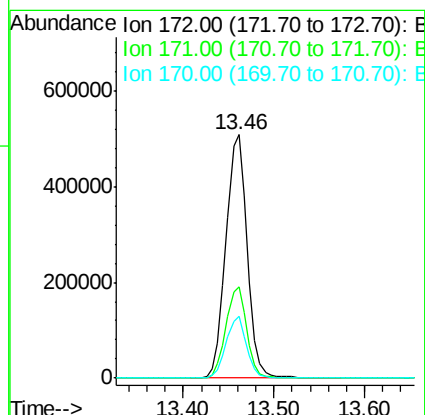
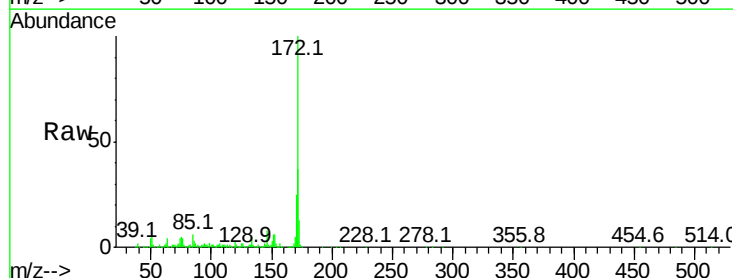
Instrument :
BNA_G
ClientSampleId :
PB95526BL

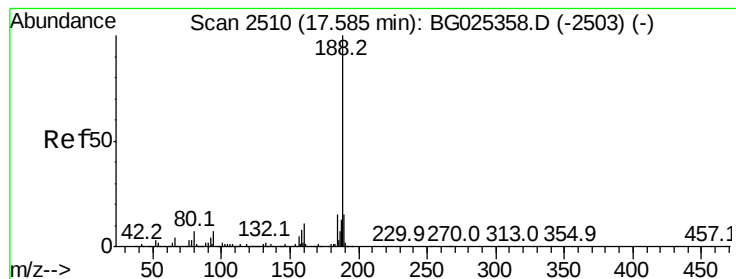
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.3	115.9
141	34.2	32.1	48.1



#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	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	25.3	21.8	32.6





#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

Instrument :

BNA_G

ClientSampleId :

PB95526BL

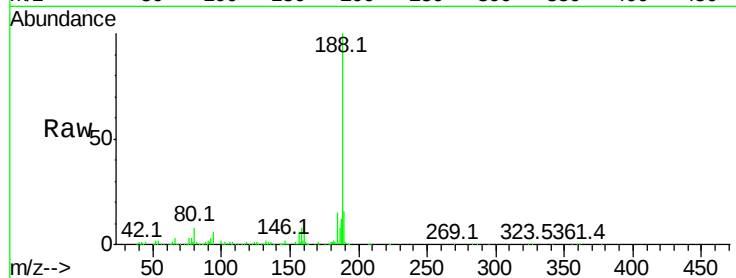
Tot Ion:188 Resp: 348799

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

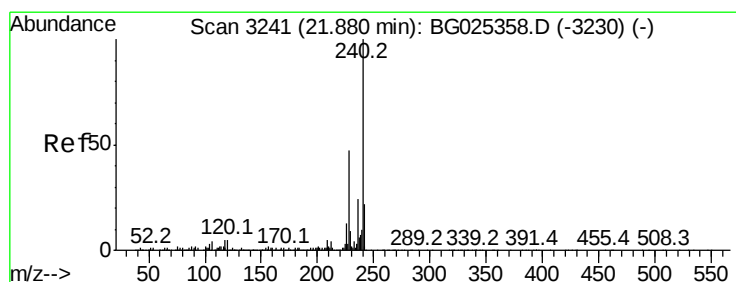
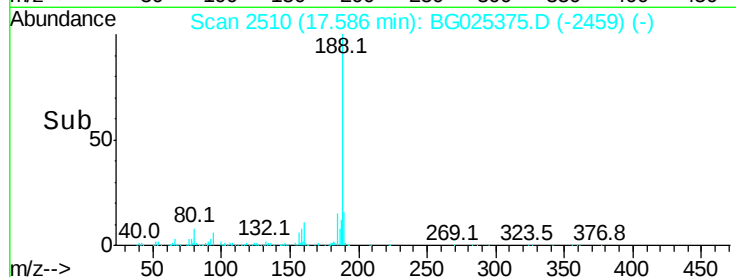
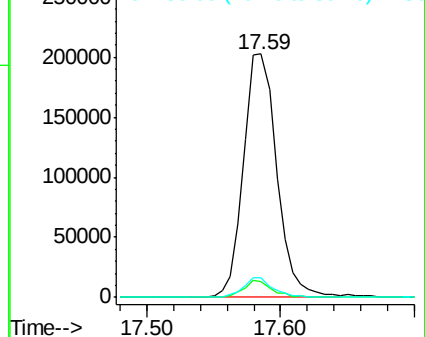
80 7.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#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

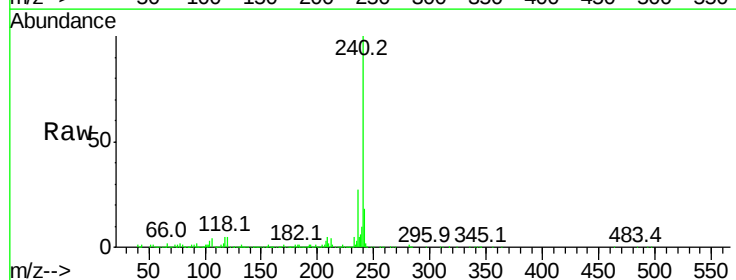
Tgt Ion:240 Resp: 537725

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

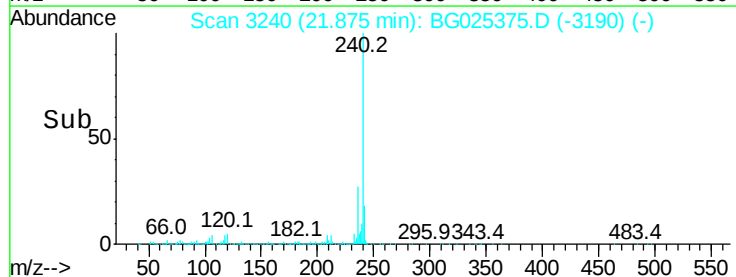
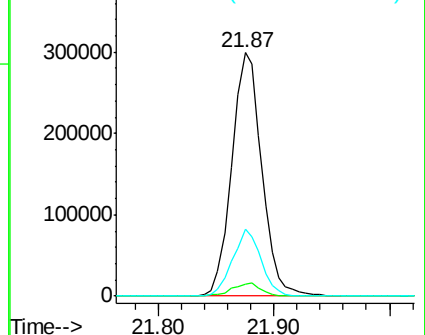
236 27.3 22.2 33.4

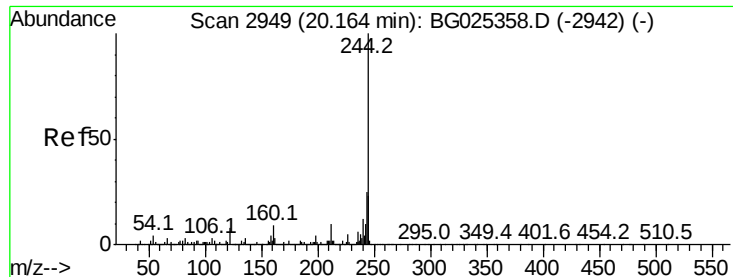


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

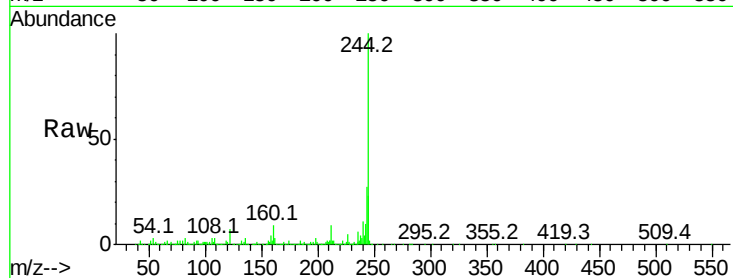
BNA_G

ClientSampleId :

PB95526BL

Tot Ion:244 Resp: 1738109

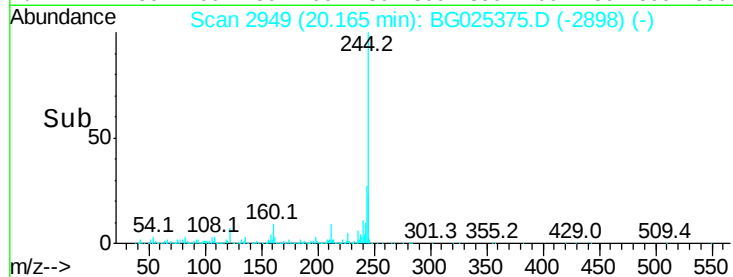
Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.0	15.0#
122	7.1	8.6	12.8#



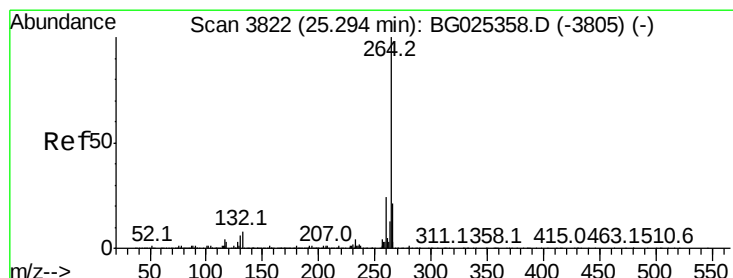
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

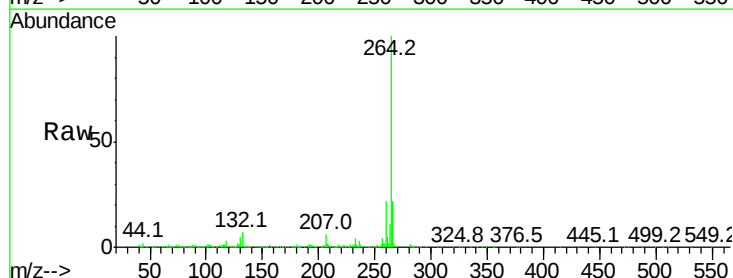
Delta R.T. -0.01 min

Lab File: BG025375.D

Acq: 22 Dec 2016 2:36

Tgt Ion:264 Resp: 556488

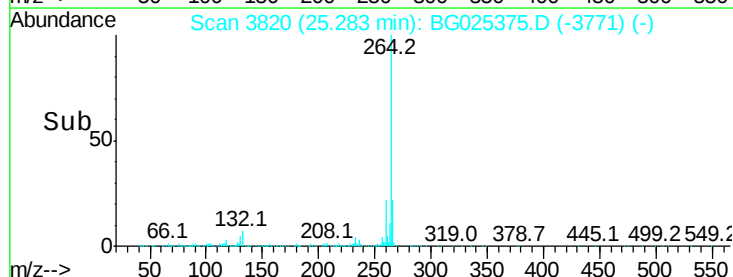
Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	21.6	18.2	27.4



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



Time-->