

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025459.D
 Acq On : 10 Jan 2017 19:42
 Operator : UM/SJ
 Sample : PB95862TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95862TB

Quant Time: Jan 10 23:15:29 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	8.20	152	54269	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	217211	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	163830	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	410320	20.00	ng	0.00
75) Chrysene-d12	21.86	240	629897	20.00	ng	0.00
86) Perylene-d12	25.26	264	667745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	468679	156.98	ng	0.00
7) Phenol-d6	7.36	99	634426	150.88	ng	0.00
23) Nitrobenzene-d5	9.38	82	461542	93.87	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	387834	147.04	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	998436	98.67	ng	0.00
78) Terphenyl-d14	20.15	244	2094811	88.18	ng	0.00

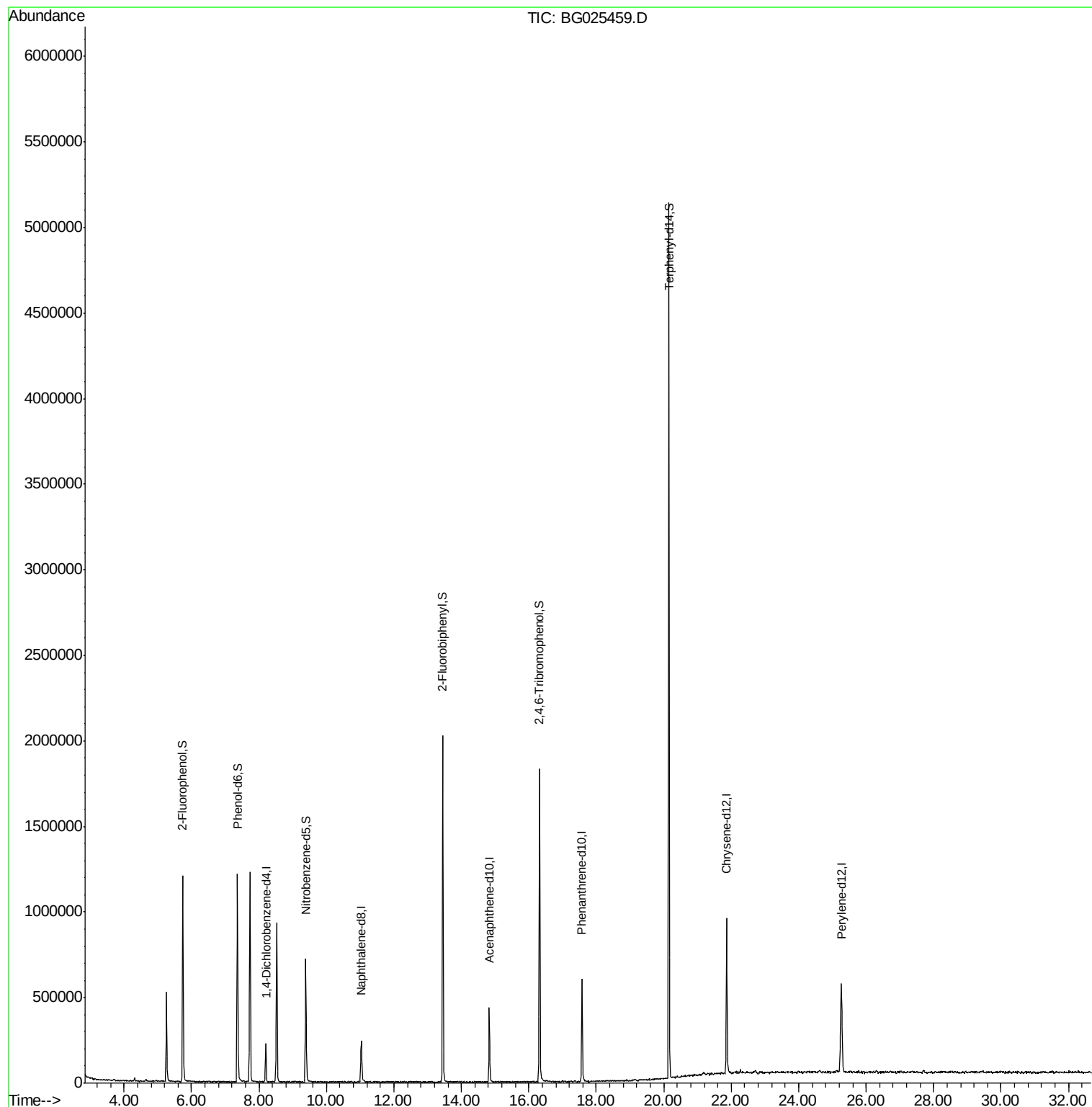
Target Compounds Qvalue

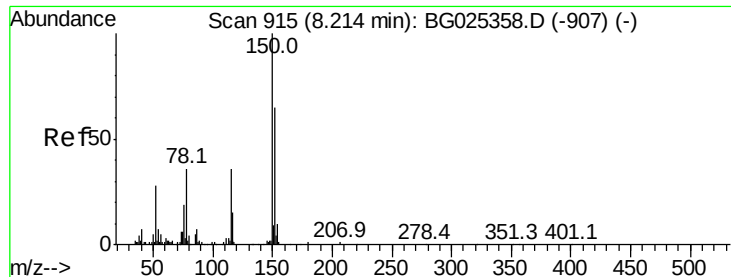
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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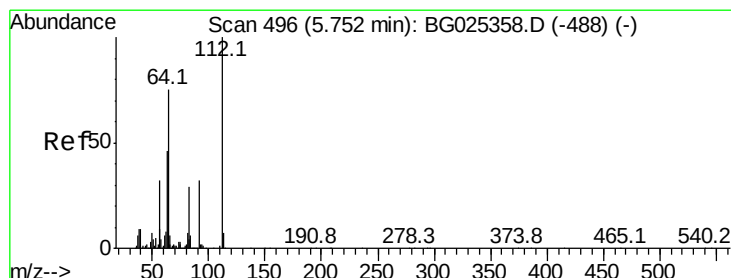
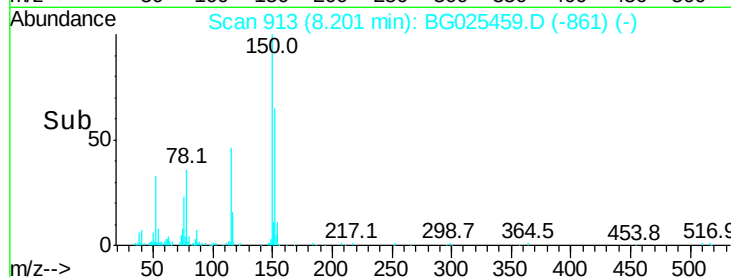
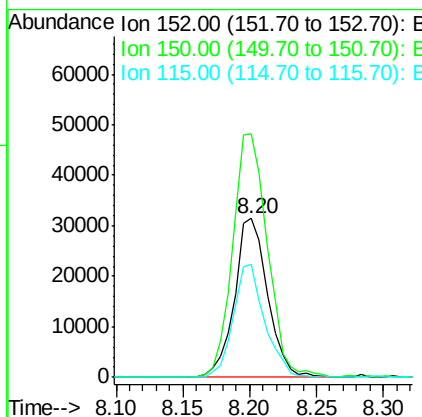
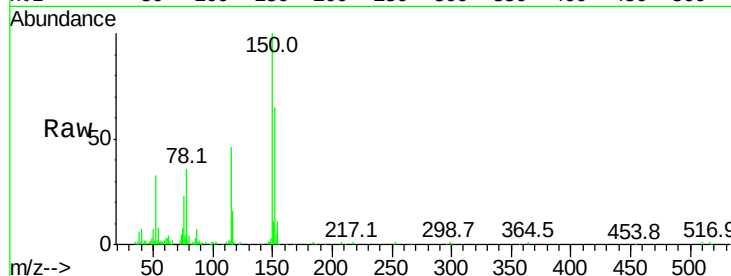


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Instrument :
BNA_G
ClientSampleId :
PB95862TB

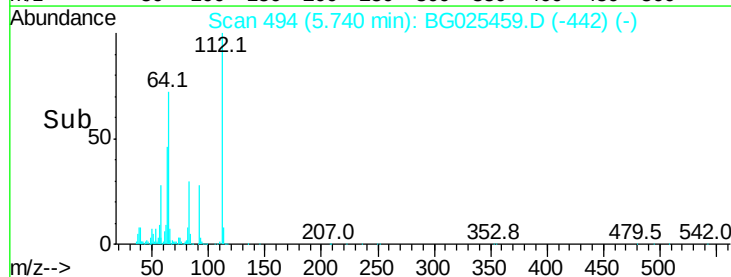
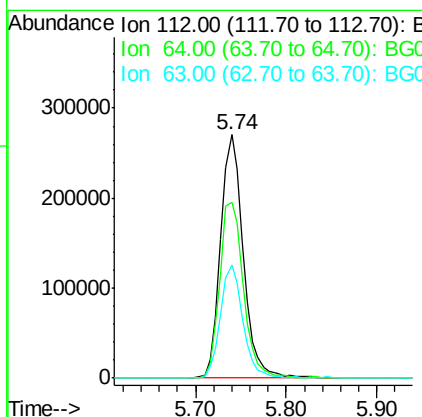
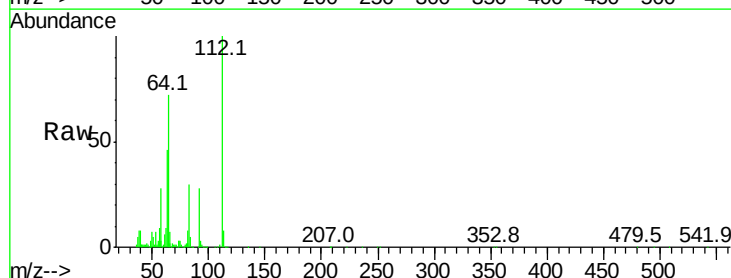
Tot Ion:152 Resp: 54269
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 71.1 48.1 72.1

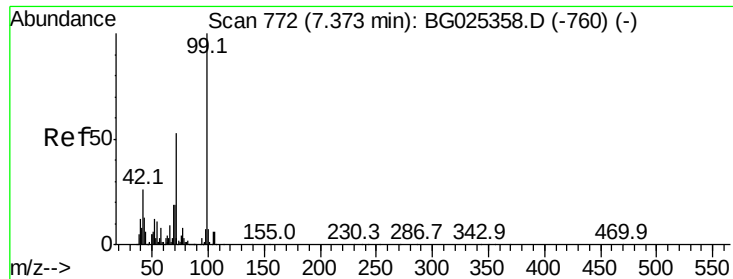


#5

2-Fluorophenol
Concen: 156.98 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Tgt Ion:112 Resp: 468679
Ion Ratio Lower Upper
112 100
64 72.4 61.8 92.6
63 46.4 37.2 55.8





#7

Phenol-d6

Concen: 150.88 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Instrument :

BNA_G

ClientSampleId :

PB95862TB

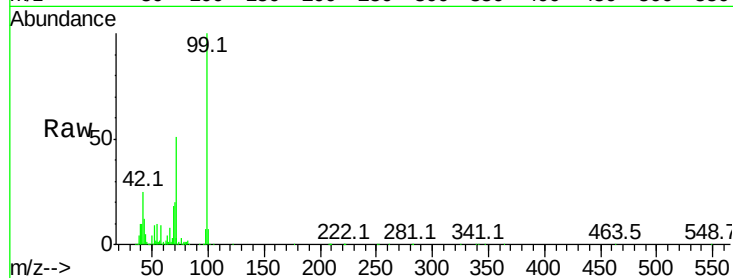
Tot Ion: 99 Resp: 634426

Ion Ratio Lower Upper

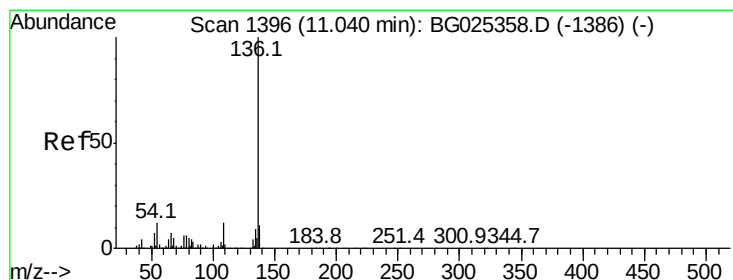
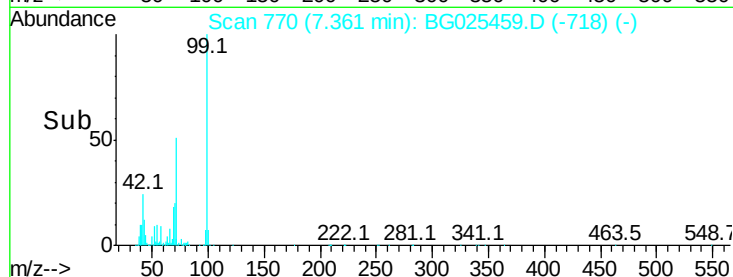
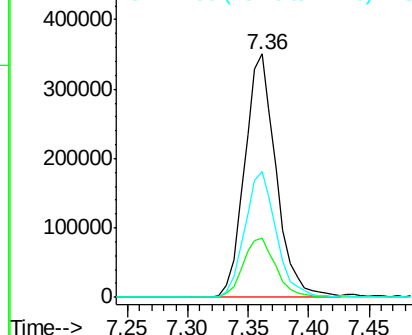
99 100

42 24.6 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: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Tgt Ion: 136 Resp: 217211

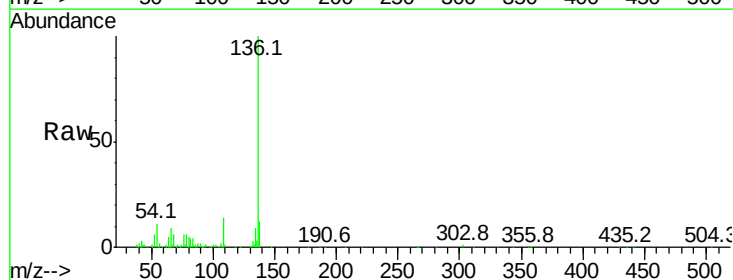
Ion Ratio Lower Upper

136 100

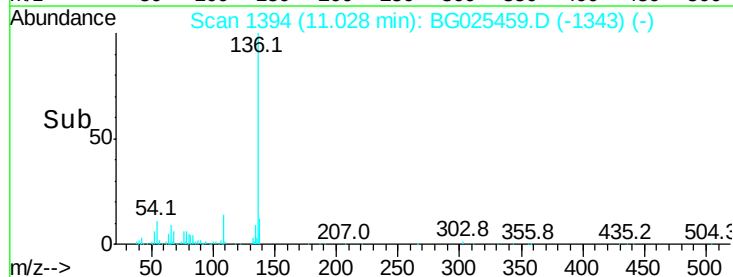
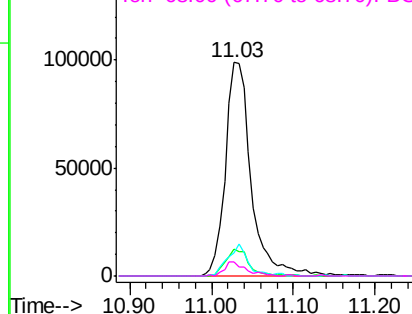
137 12.5 8.9 13.3

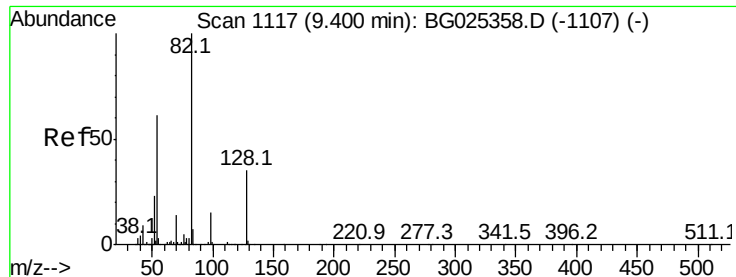
54 10.7 9.3 13.9

68 6.5 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

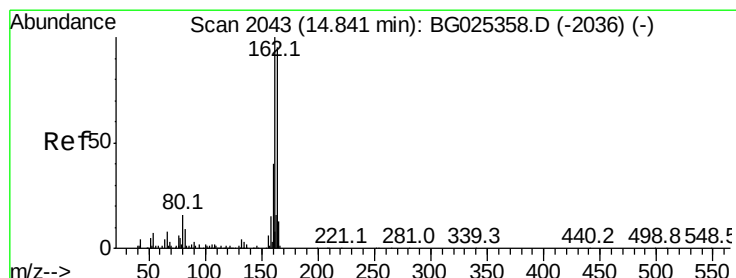
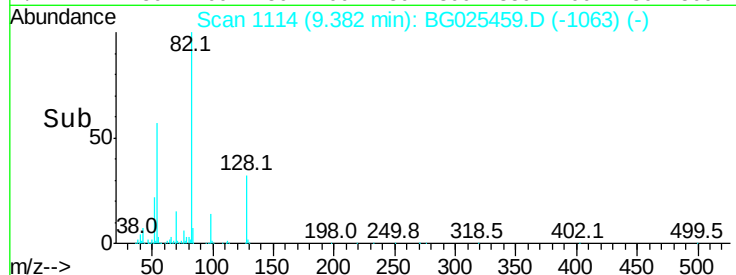
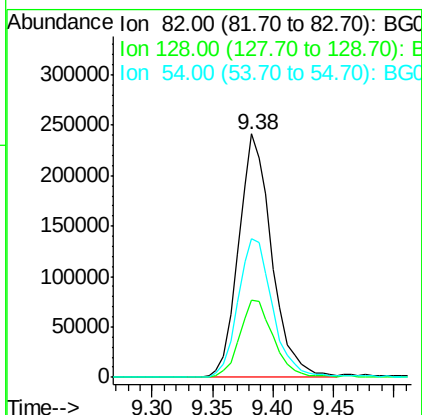
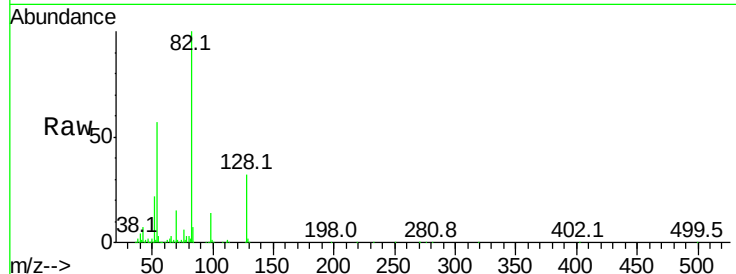




#23
Nitrobenzene-d5
Concen: 93.87 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

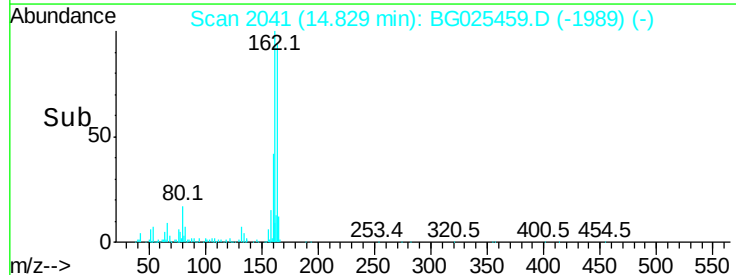
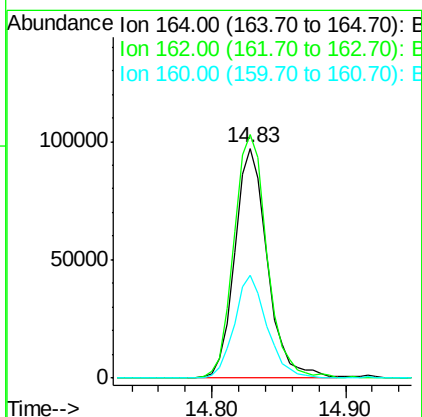
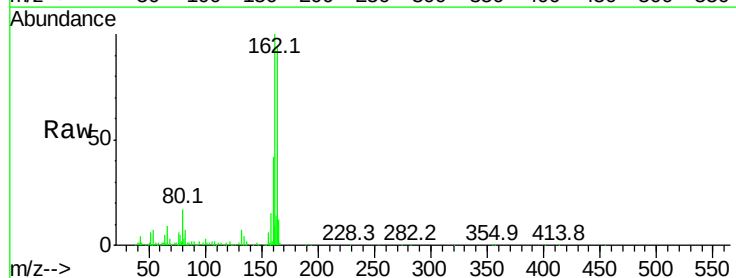
Instrument :
BNA_G
ClientSampleId :
PB95862TB

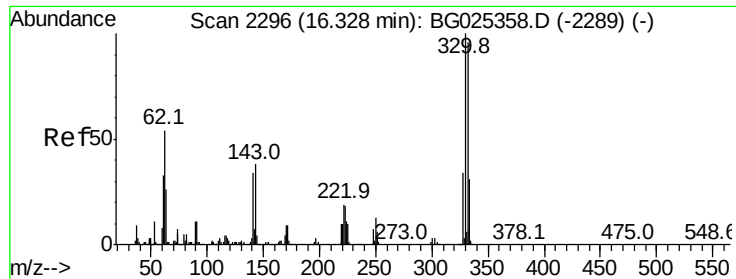
Tot Ion	82	Resp	461542
Ion	Ratio	Lower	Upper
82	100		
128	31.8	26.4	39.6
54	56.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Tgt Ion	164	Resp	163830
Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.1	127.7
160	44.8	34.7	52.1

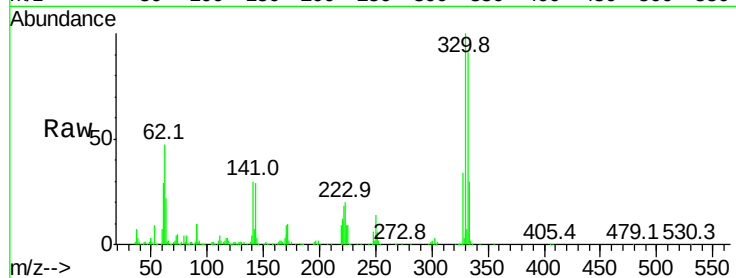




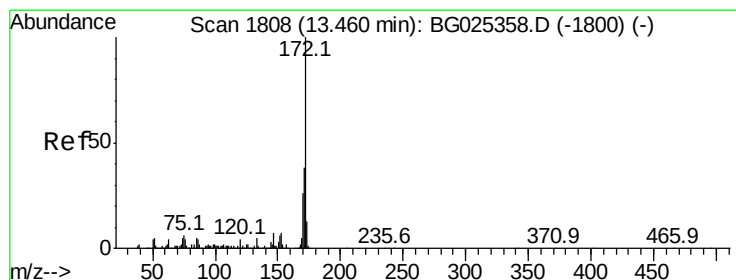
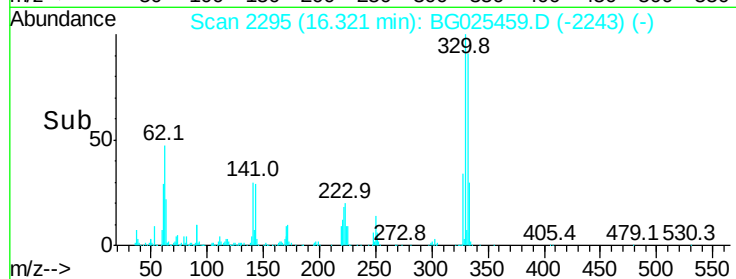
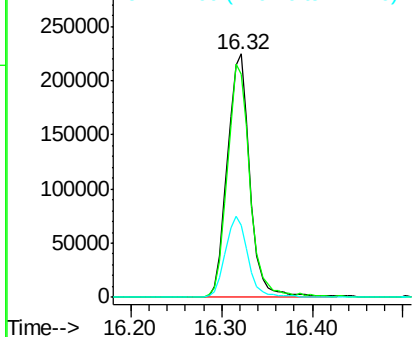
#41
2,4,6-Tribromophenol
Concen: 147.04 ng
RT: 16.32 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Instrument :
BNA_G
ClientSampleId :
PB95862TB

Tot Ion:330 Resp: 387834
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.5 32.1 48.1

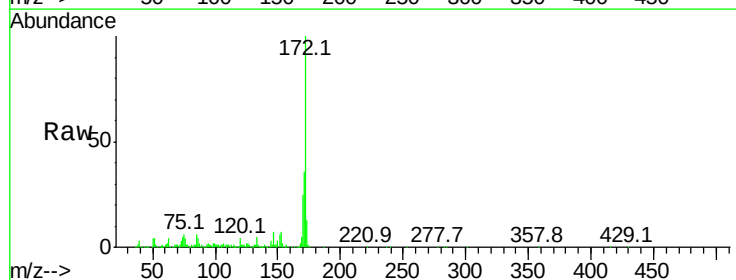


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

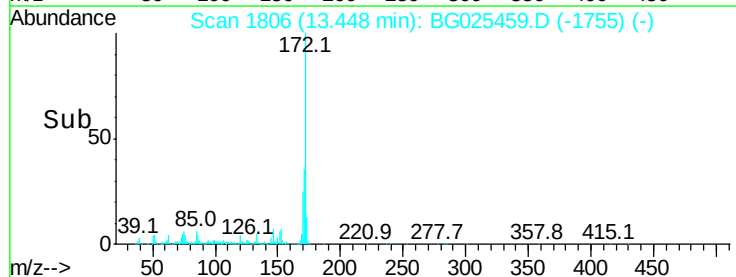
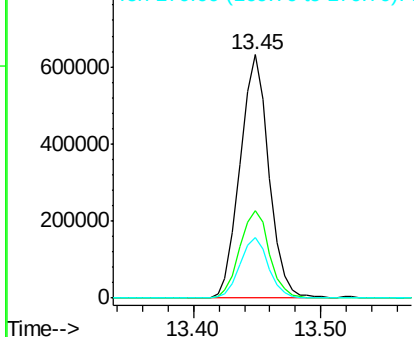


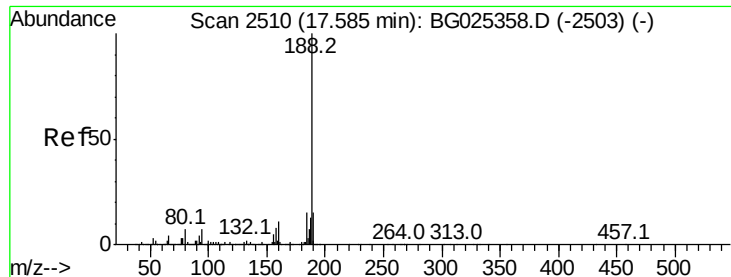
#44
2-Fluorobiphenyl
Concen: 98.67 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Tgt Ion:172 Resp: 998436
Ion Ratio Lower Upper
172 100
171 36.2 32.2 48.2
170 24.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Instrument :

BNA_G

ClientSampleId :

PB95862TB

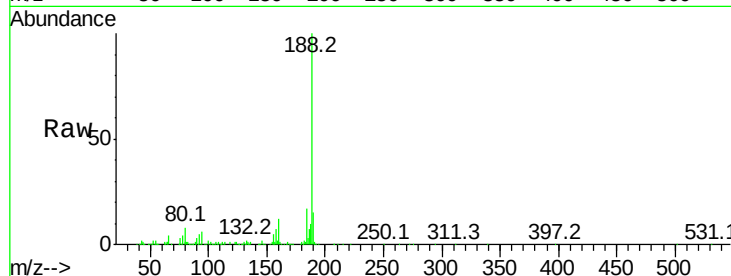
Tot Ion:188 Resp: 410320

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

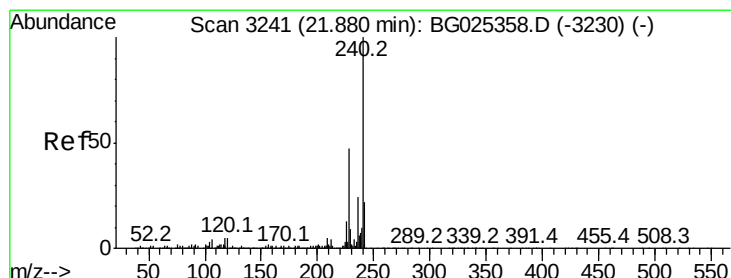
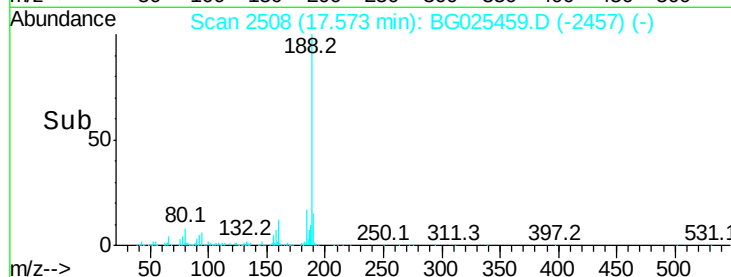
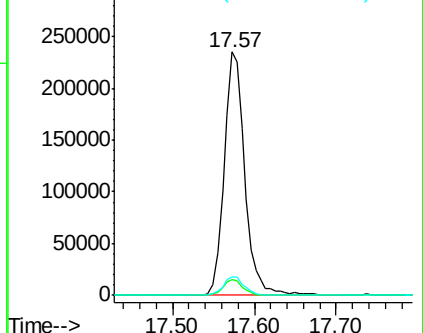
80 7.8 7.5 11.3



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: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

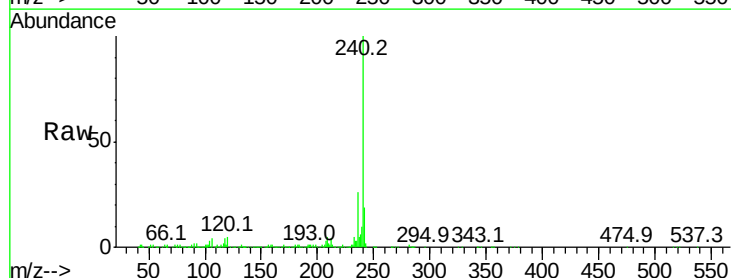
Tgt Ion:240 Resp: 629897

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

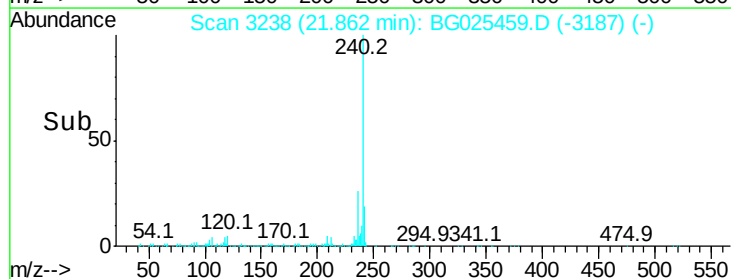
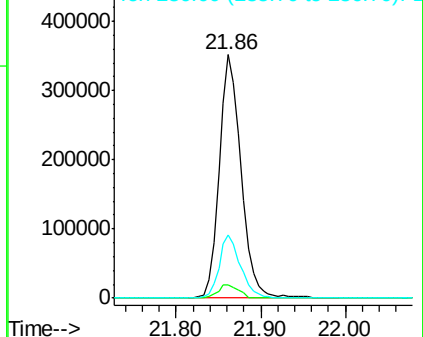
236 25.9 22.2 33.4

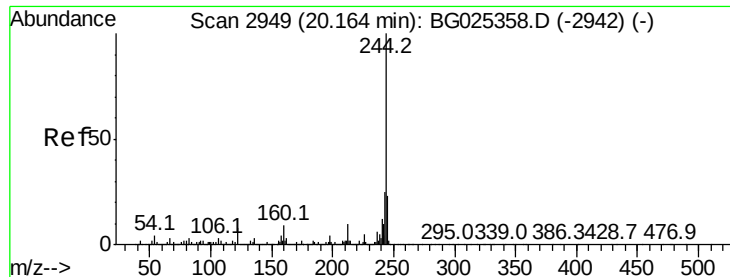


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.18 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Instrument :

BNA_G

ClientSampleId :

PB95862TB

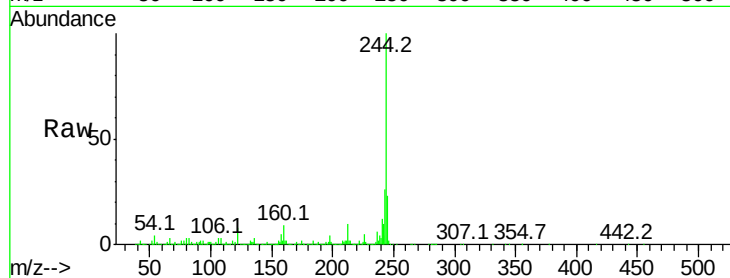
Tot Ion:244 Resp: 2094811

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

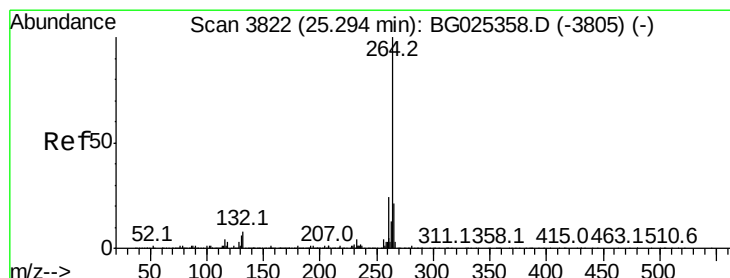
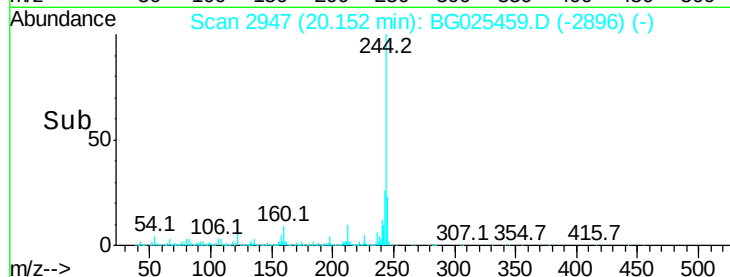
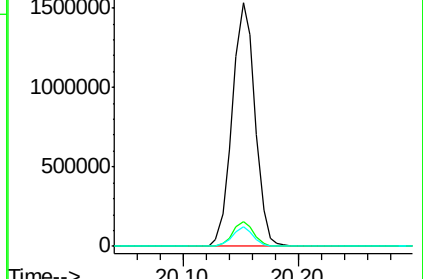
122 7.9 8.6 12.8#



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: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

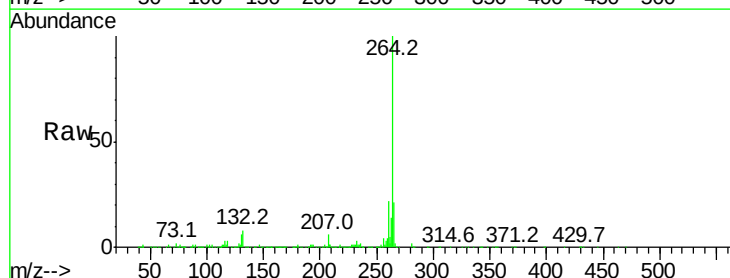
Tgt Ion:264 Resp: 667745

Ion Ratio Lower Upper

264 100

260 22.0 21.8 32.8

265 21.1 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

