

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025558.D
 Acq On : 21 Jan 2017 4:44
 Operator : UM/SJ
 Sample : I1347-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-0-2FT-COMP

Quant Time: Jan 21 05:40:44 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	8.18	152	58830	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	240711	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	184370	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	446279	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	653342	20.00	ng	-0.02
86) Perylene-d12	25.23	264	676481	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	488145	150.82	ng	-0.02
7) Phenol-d6	7.34	99	626166	137.37	ng	-0.02
23) Nitrobenzene-d5	9.36	82	558734	102.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	446946	150.57	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1199030	105.29	ng	-0.02
78) Terphenyl-d14	20.14	244	2411033	97.85	ng	-0.02

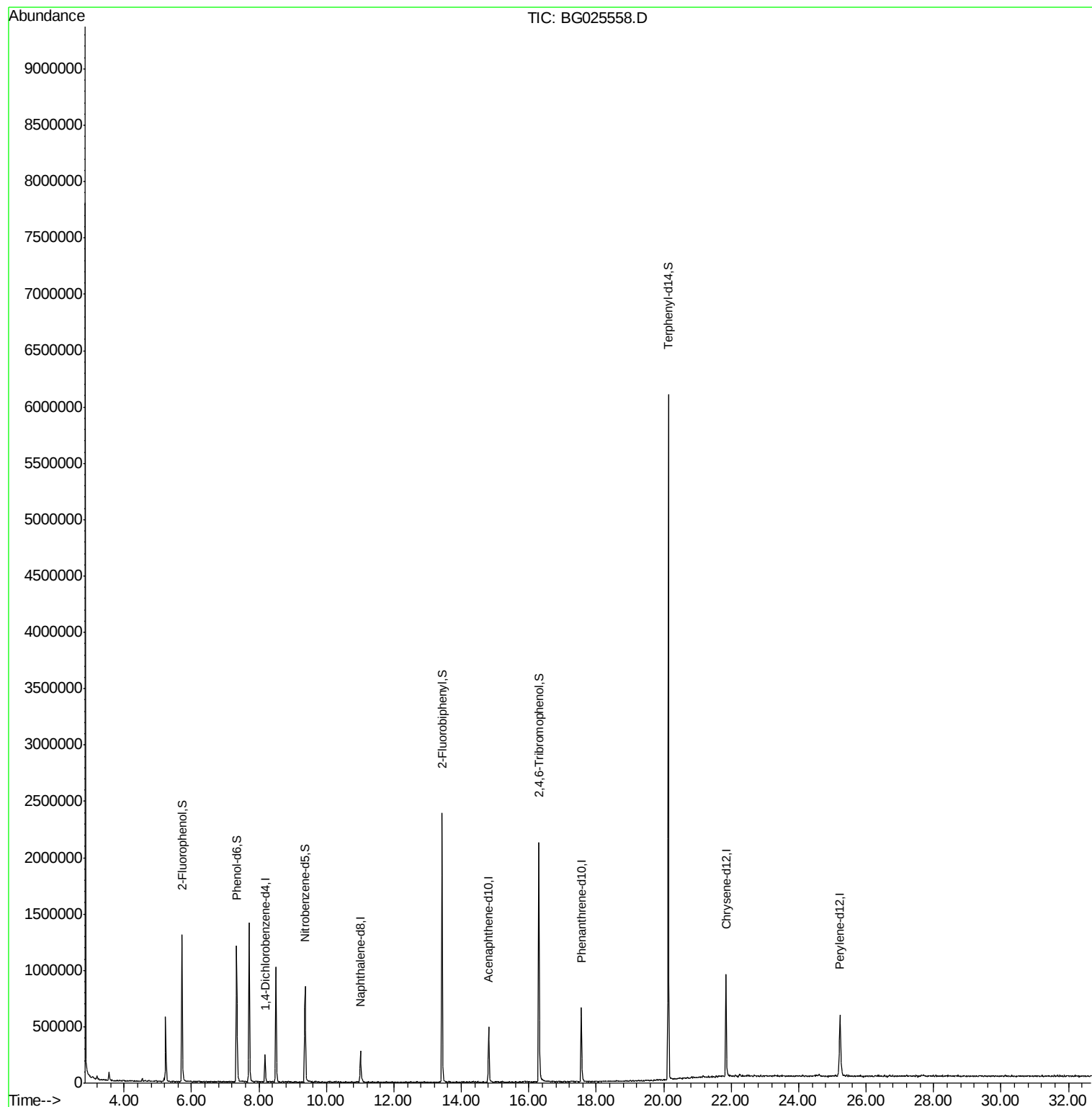
Target Compounds Qvalue

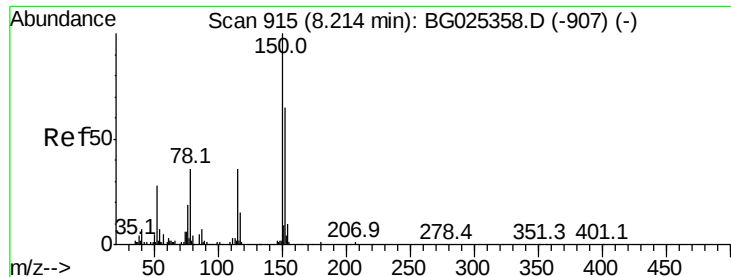
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025558.D
Acq On : 21 Jan 2017 4:44
Operator : UM/SJ
Sample : I1347-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

Quant Time: Jan 21 05:40:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

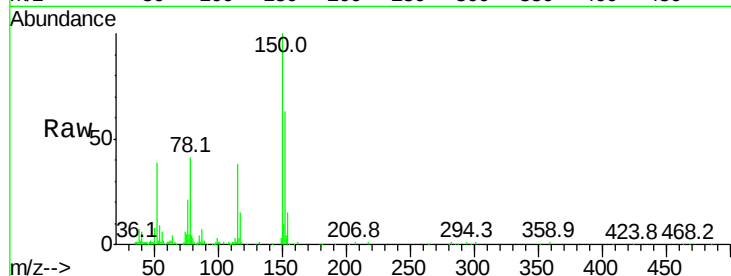
Tot Ion:152 Resp: 58830

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

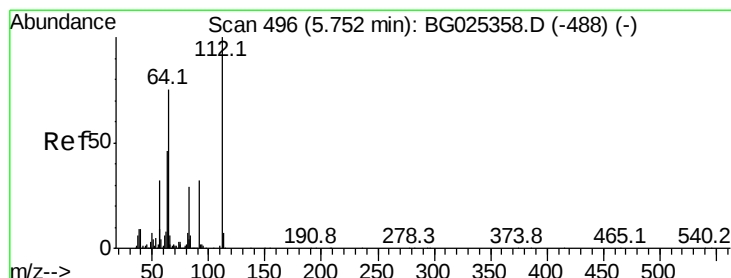
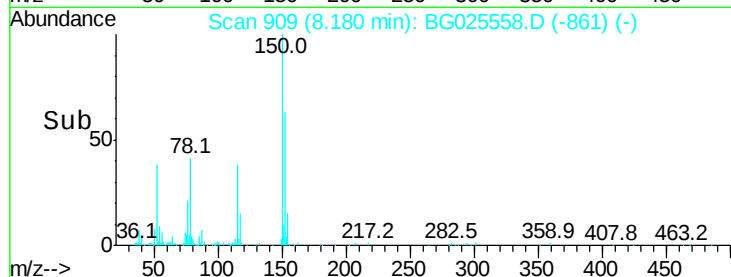
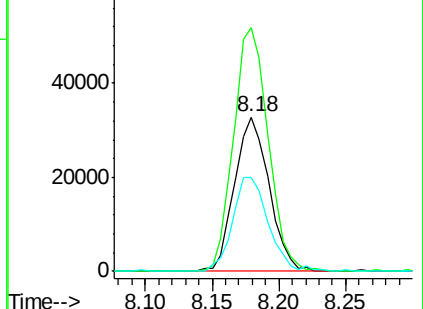
115 60.5 48.1 72.1



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: 150.82 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

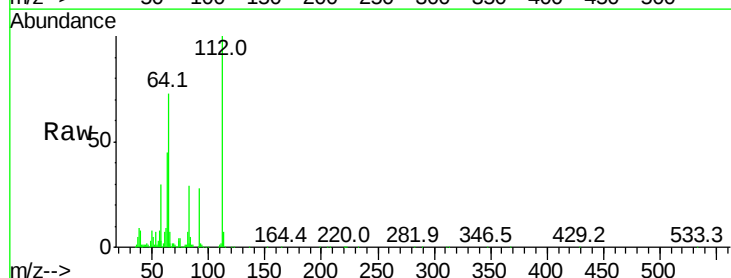
Tgt Ion:112 Resp: 488145

Ion Ratio Lower Upper

112 100

64 72.6 61.8 92.6

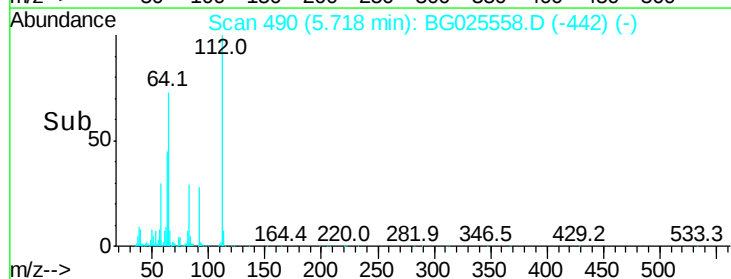
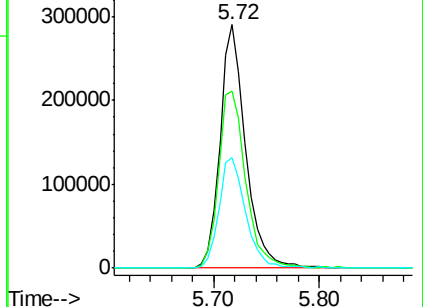
63 45.2 37.2 55.8

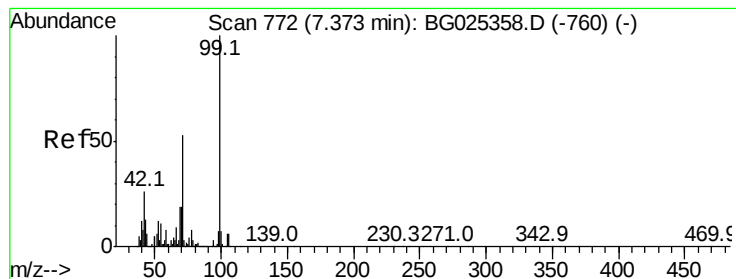


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.37 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

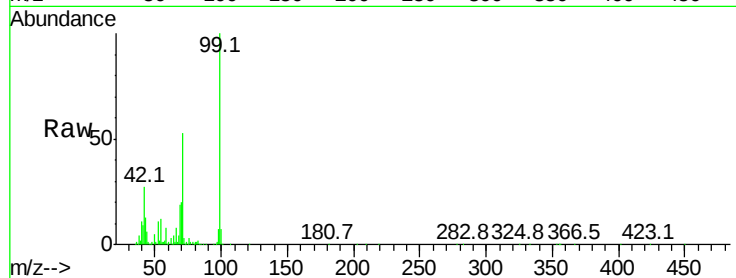
Tot Ion: 99 Resp: 626166

Ion Ratio Lower Upper

99 100

42 26.9 20.5 30.7

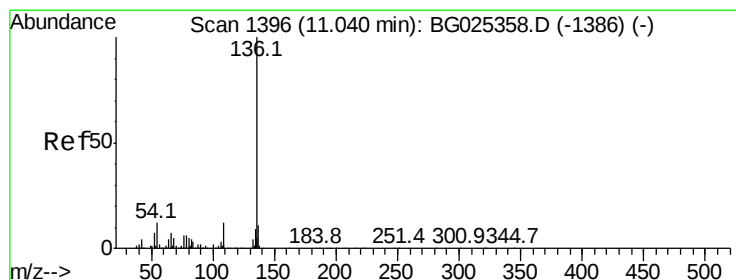
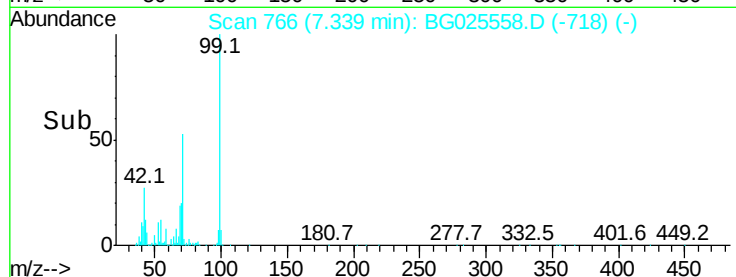
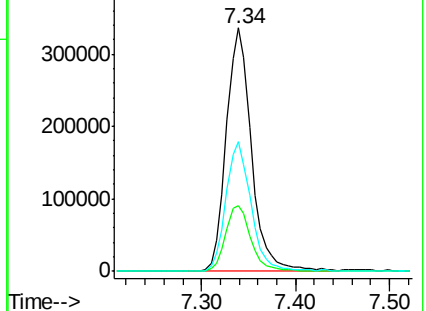
71 53.2 37.6 56.4



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: 11.01 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Tgt Ion: 136 Resp: 240711

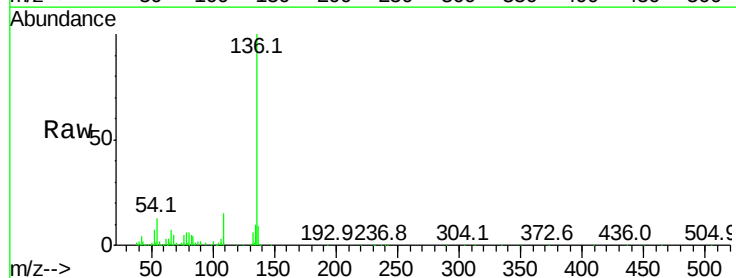
Ion Ratio Lower Upper

136 100

137 9.1 8.9 13.3

54 13.1 9.3 13.9

68 5.2 5.1 7.7

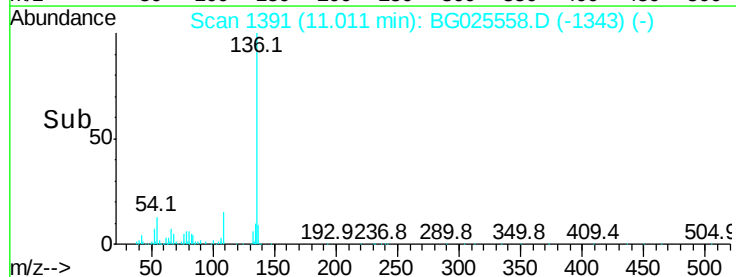
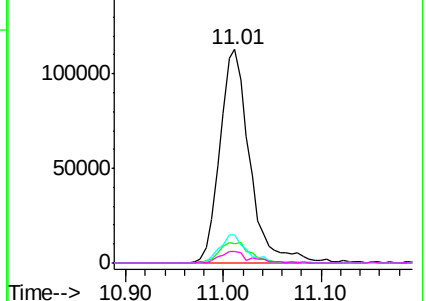


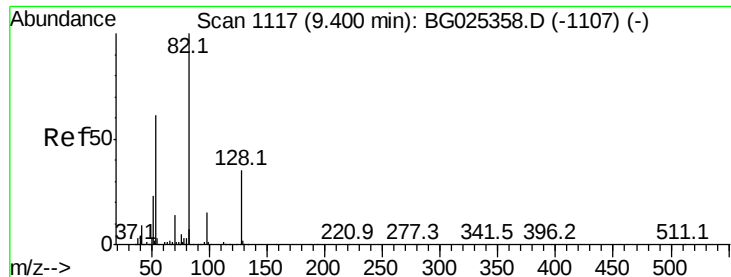
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

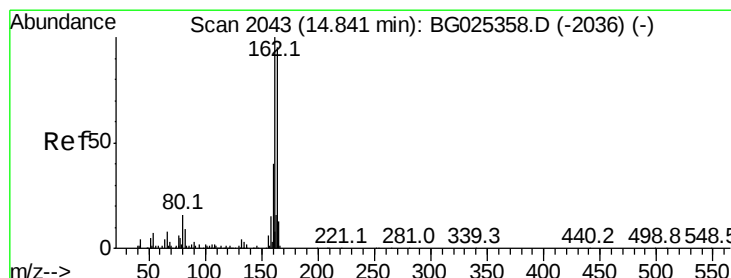
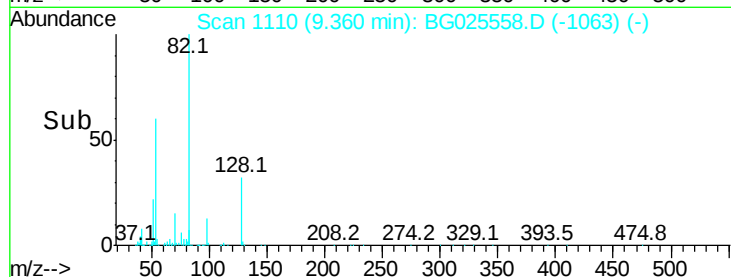
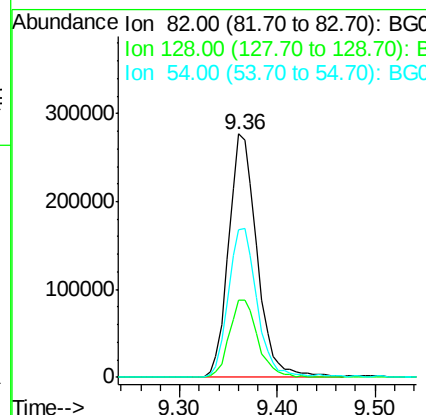
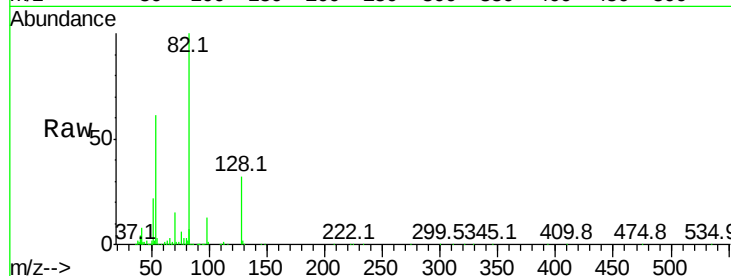




#23
 Nitrobenzene-d5
 Concen: 102.54 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025558.D
 Acq: 21 Jan 2017 4:44

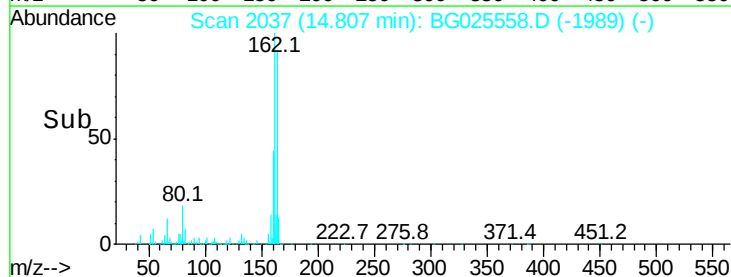
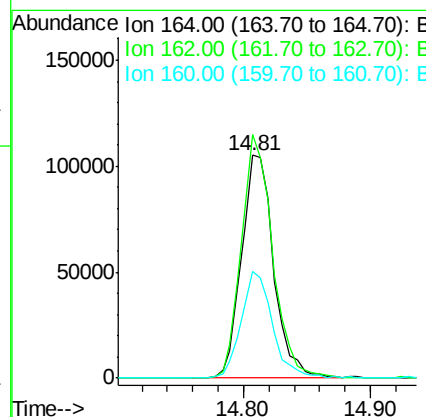
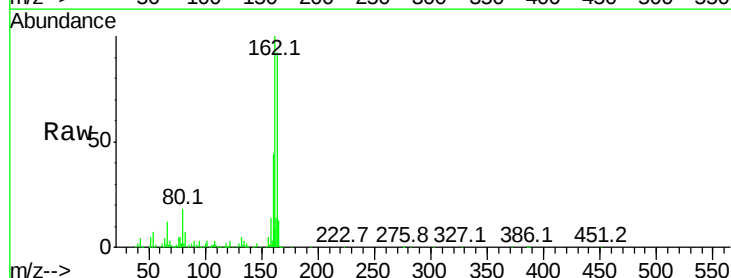
Instrument :
 BNA_G
 ClientSampleId :
 T2-0-2FT-COMP

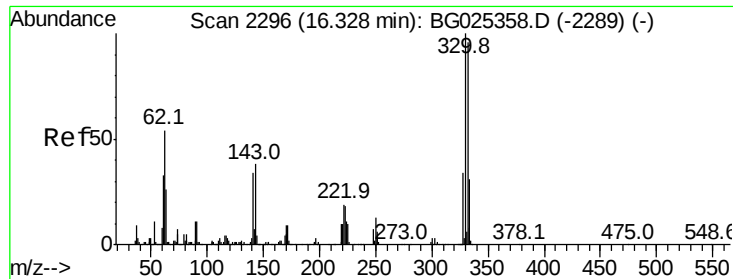
Tot Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	60.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025558.D
 Acq: 21 Jan 2017 4:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.2	85.1	127.7
160	47.8	34.7	52.1

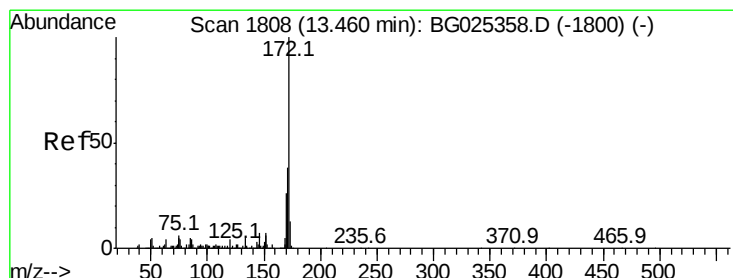
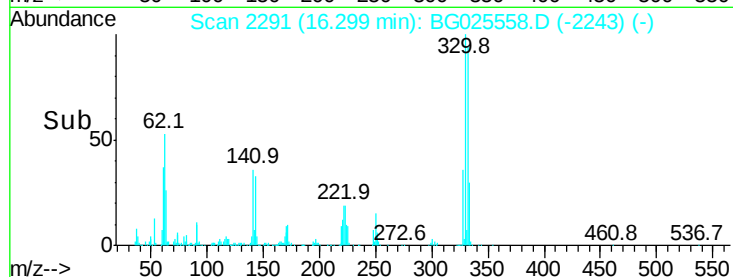
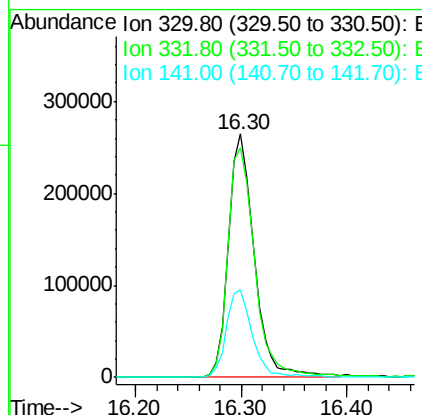
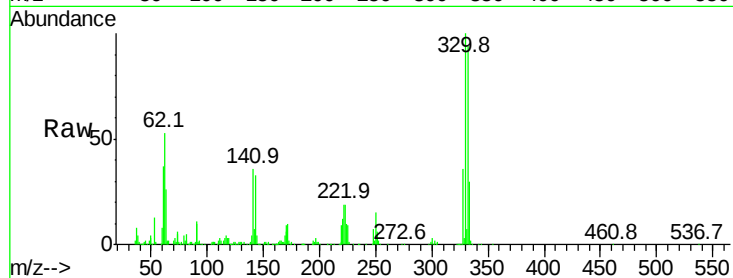




#41
2,4,6-Tribromophenol
Concen: 150.57 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025558.D
Acq: 21 Jan 2017 4:44

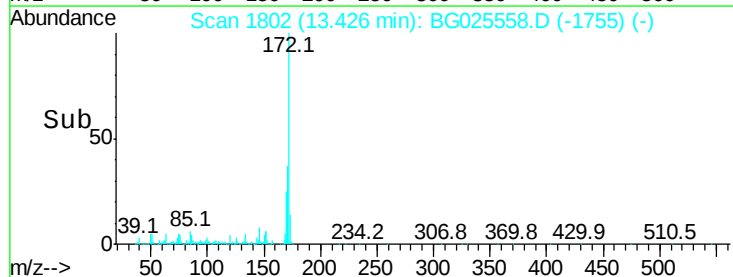
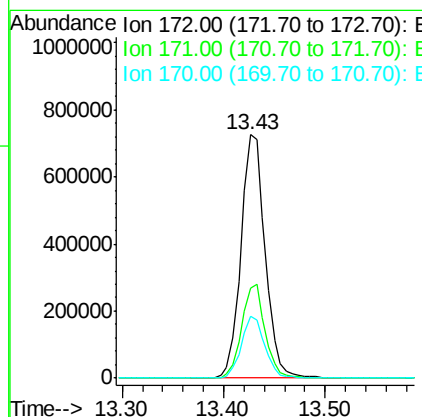
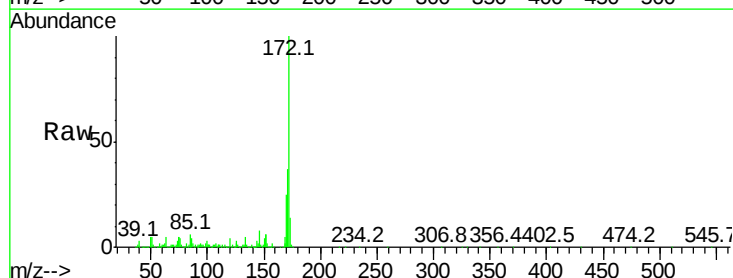
Instrument :
BNA_G
ClientSampleId :
T2-0-2FT-COMP

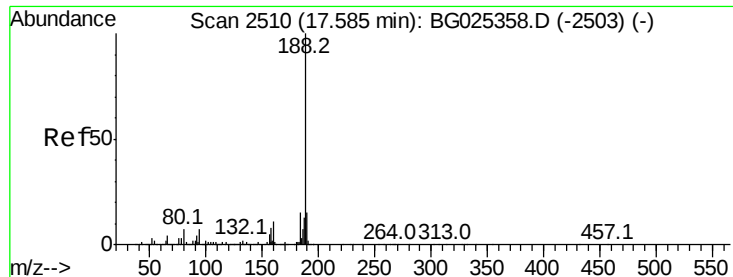
Tot Ion:330 Resp: 446946
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 36.7 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 105.29 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025558.D
Acq: 21 Jan 2017 4:44

Tgt Ion:172 Resp: 1199030
Ion Ratio Lower Upper
172 100
171 37.1 32.2 48.2
170 25.3 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

BNA_G

ClientSampleId :

T2-0-2FT-COMP

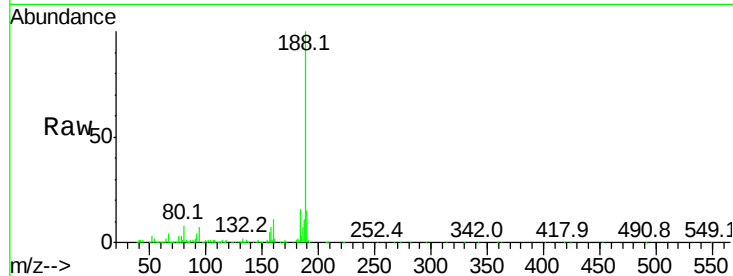
Tot Ion:188 Resp: 446279

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

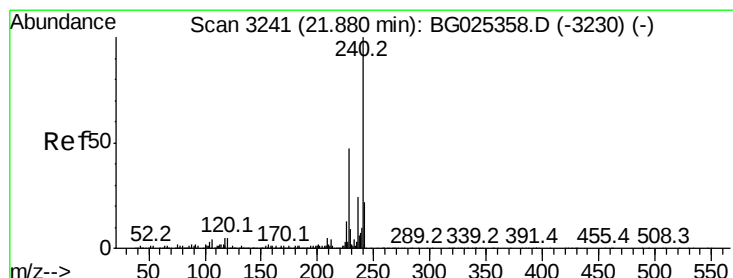
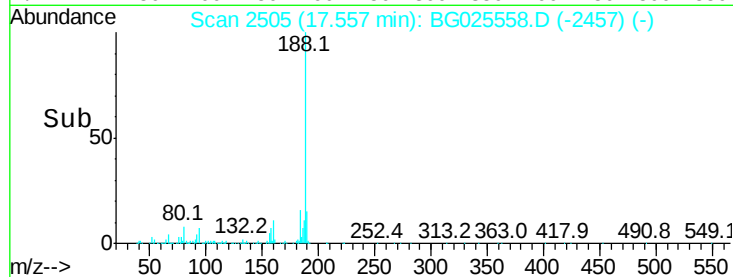
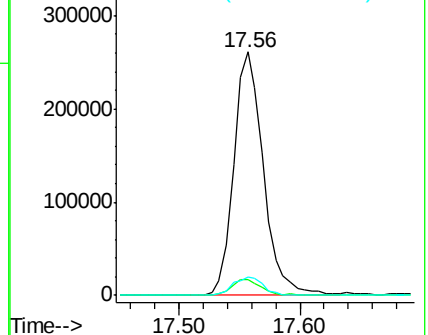
80 7.5 7.5 11.3



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: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

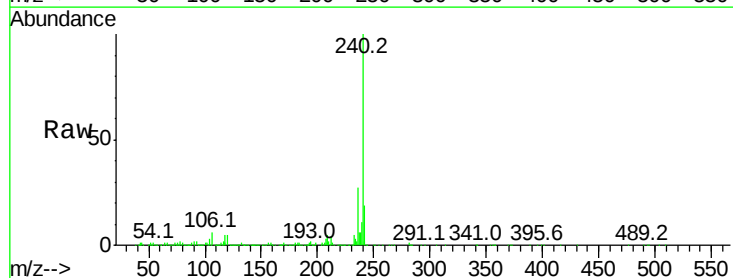
Tgt Ion:240 Resp: 653342

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

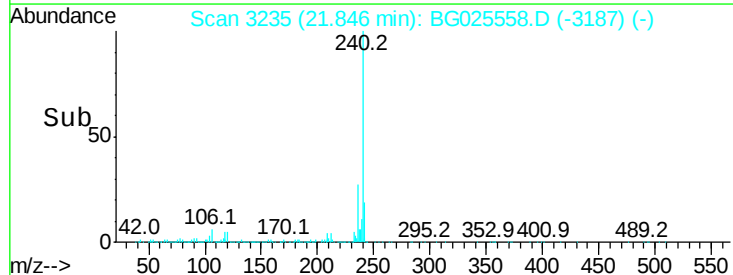
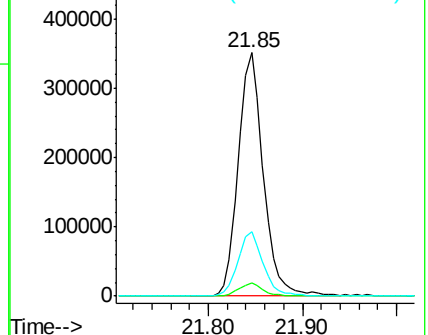
236 26.7 22.2 33.4

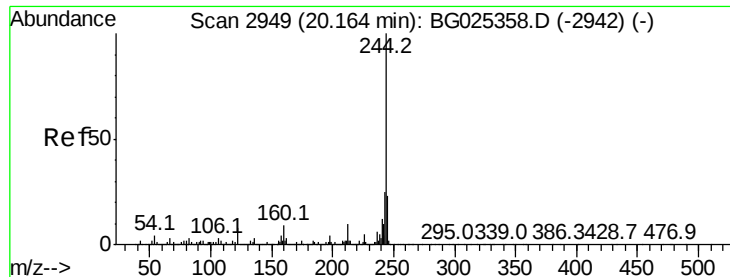


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.85 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Instrument :

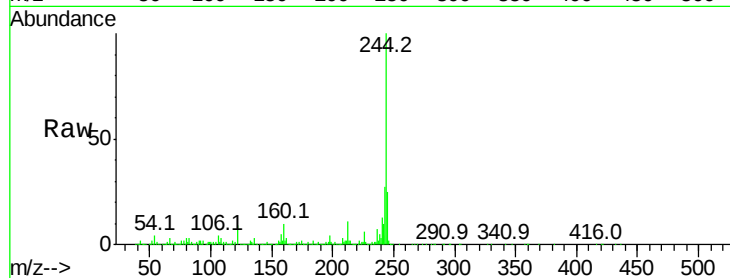
BNA_G

ClientSampleId :

T2-0-2FT-COMP

Tot Ion:244 Resp: 2411033

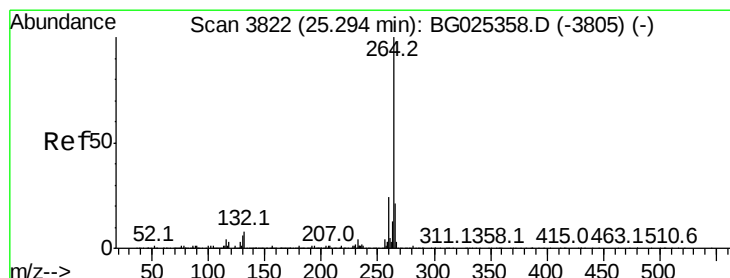
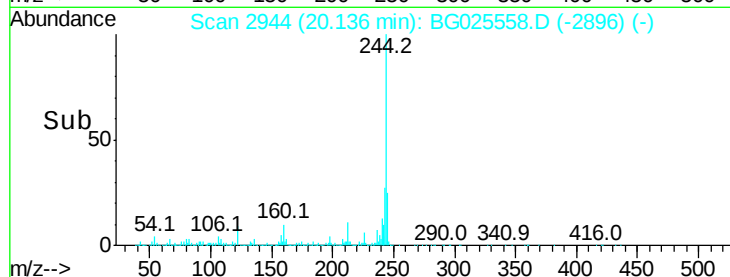
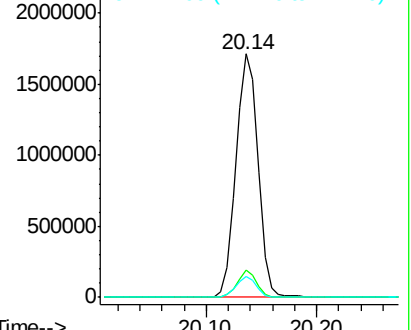
Ion	Ratio	Lower	Upper
244	100		
212	11.5	10.0	15.0
122	8.7	8.6	12.8



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: 25.23 min Scan# 3811

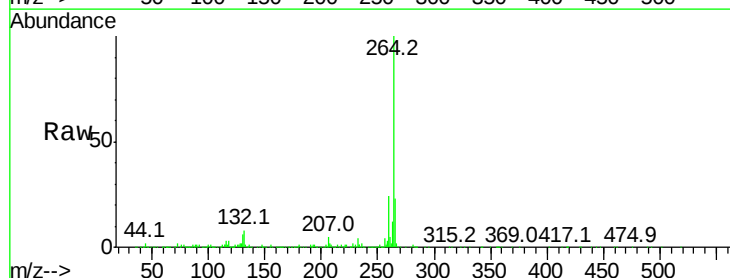
Delta R.T. -0.03 min

Lab File: BG025558.D

Acq: 21 Jan 2017 4:44

Tgt Ion:264 Resp: 676481

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	23.1	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

