

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025499.D
 Acq On : 13 Jan 2017 2:15
 Operator : UM/SJ
 Sample : I1125-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Quant Time: Jan 13 05:05:52 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	60454	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	249064	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	199888	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	465756	20.00	ng	0.00
75) Chrysene-d12	21.86	240	646441	20.00	ng	0.00
86) Perylene-d12	25.26	264	681881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	239795	72.10	ng	0.00
7) Phenol-d6	7.36	99	205452	43.86	ng	0.00
23) Nitrobenzene-d5	9.38	82	610950	108.37	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	516095	160.37	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1332486	107.92	ng	0.00
78) Terphenyl-d14	20.15	244	2420381	99.27	ng	0.00

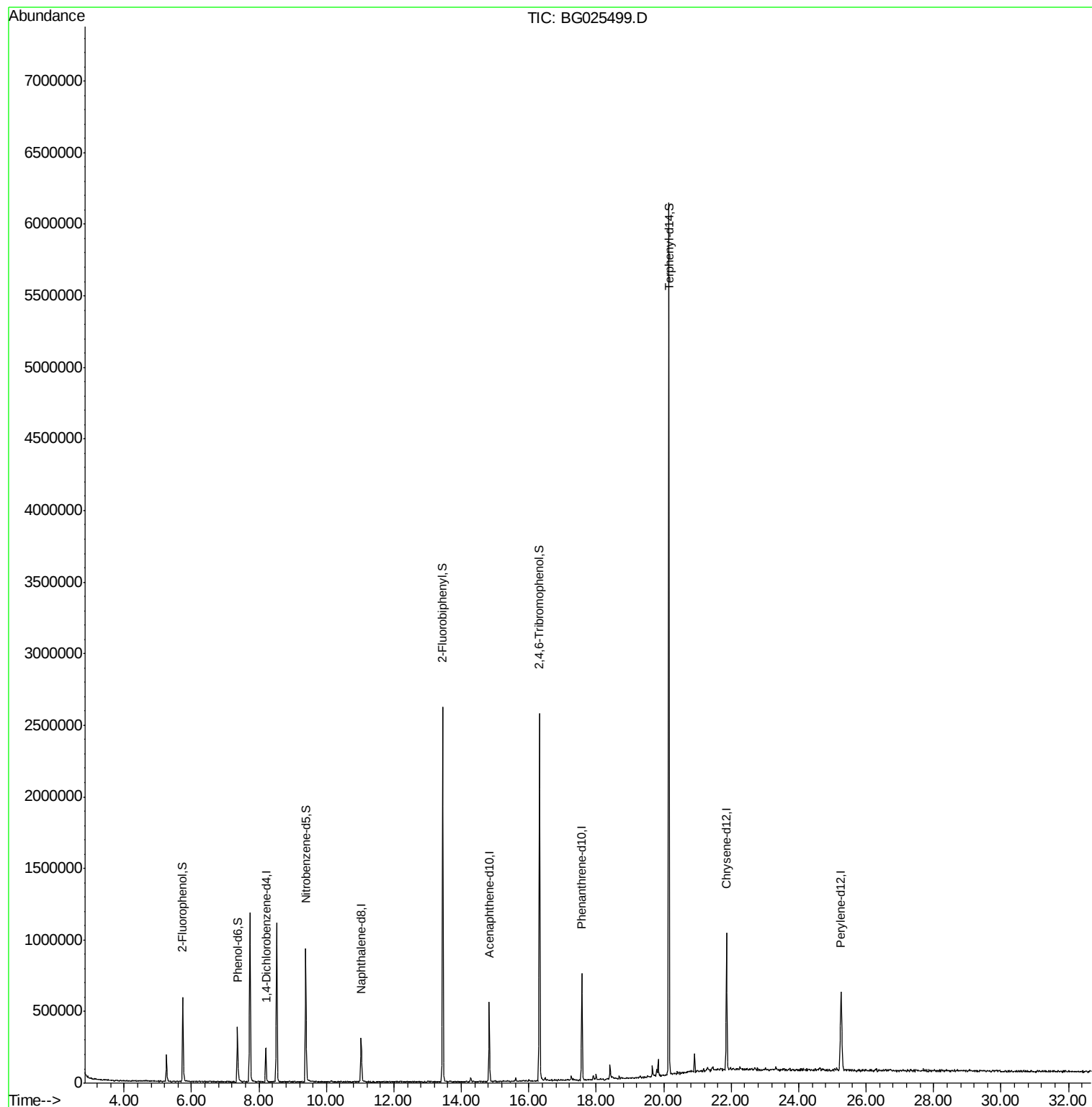
Target Compounds Qvalue

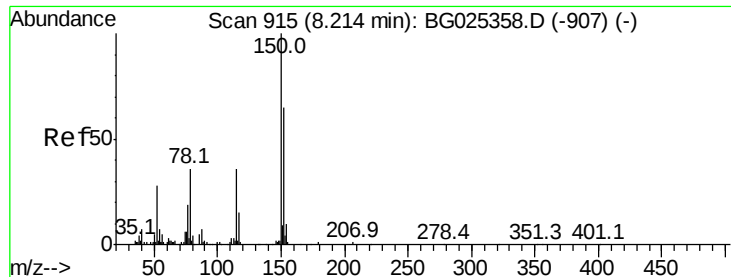
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025499.D
Acq On : 13 Jan 2017 2:15
Operator : UM/SJ
Sample : I1125-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-32

Quant Time: Jan 13 05:05:52 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: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025499.D

Acq: 13 Jan 2017 2:15

Instrument :

BNA_G

ClientSampleId :

W-32

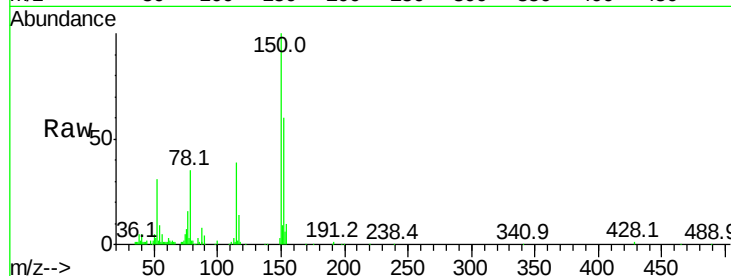
Tot Ion:152 Resp: 60454

Ion Ratio Lower Upper

152 100

150 166.3 114.0 171.0

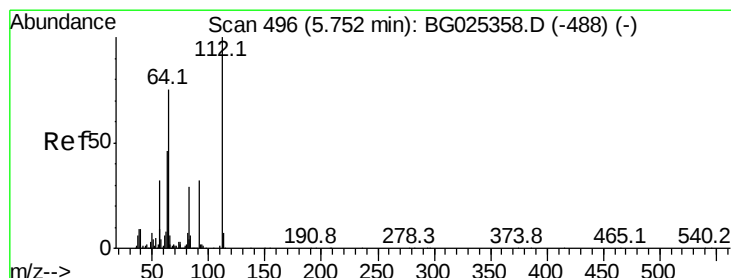
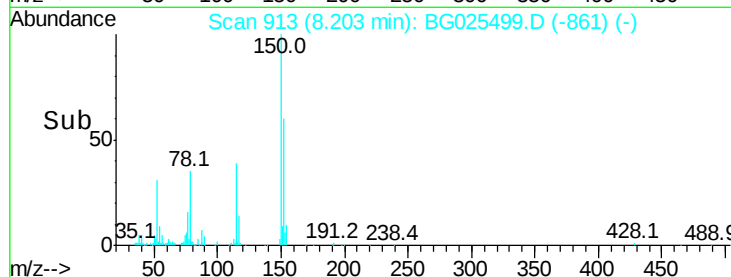
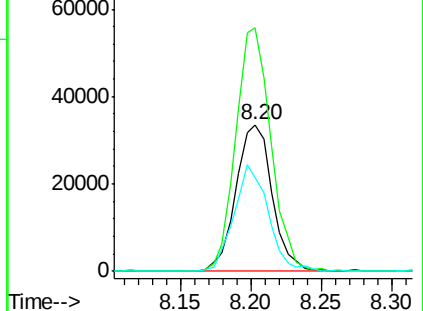
115 64.5 48.1 72.1



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: 72.10 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025499.D

Acq: 13 Jan 2017 2:15

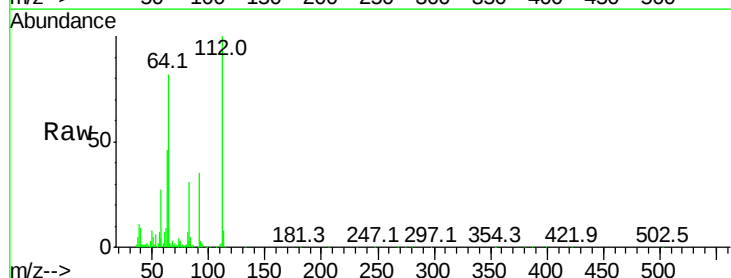
Tgt Ion:112 Resp: 239795

Ion Ratio Lower Upper

112 100

64 82.4 61.8 92.6

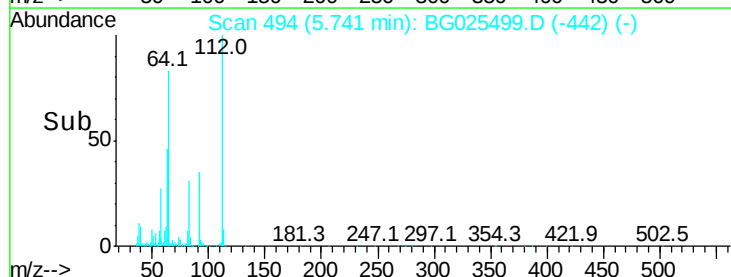
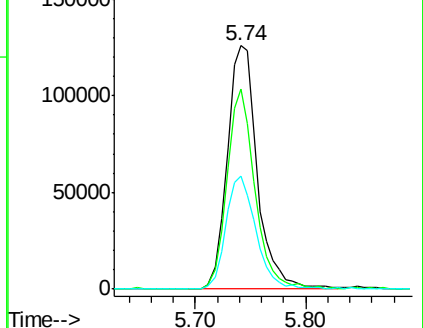
63 46.3 37.2 55.8

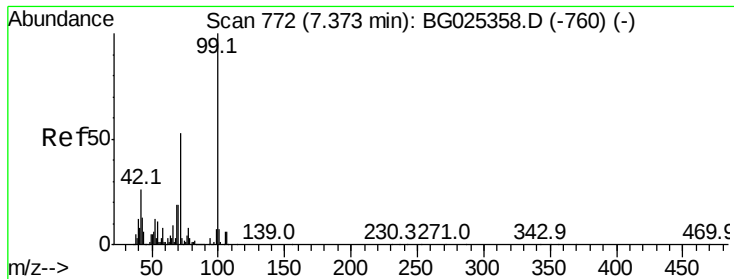


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.86 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025499.D

Acq: 13 Jan 2017 2:15

Instrument :

BNA_G

ClientSampleId :

W-32

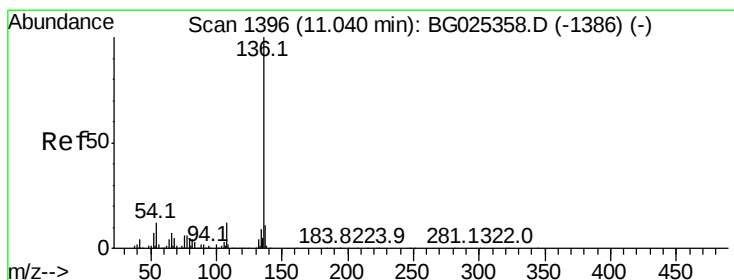
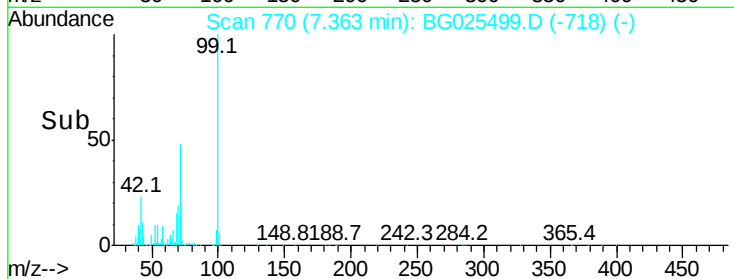
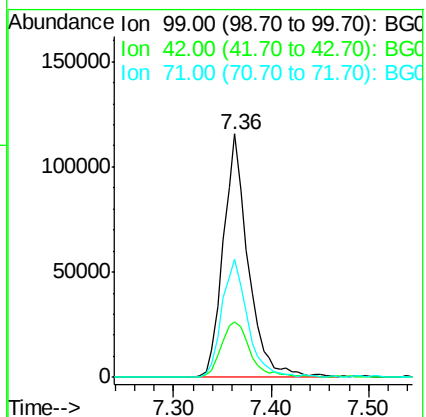
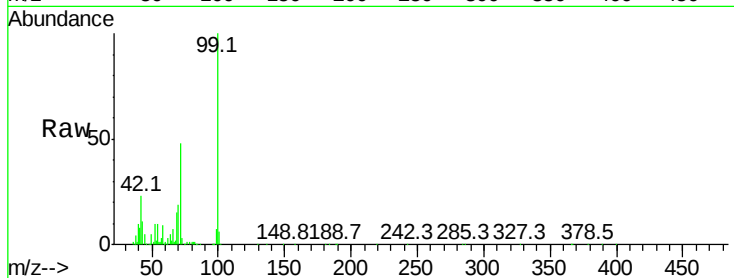
Tot Ion: 99 Resp: 205452

Ion Ratio Lower Upper

99 100

42 22.9 20.5 30.7

71 48.4 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025499.D

Acq: 13 Jan 2017 2:15

Tgt Ion: 136 Resp: 249064

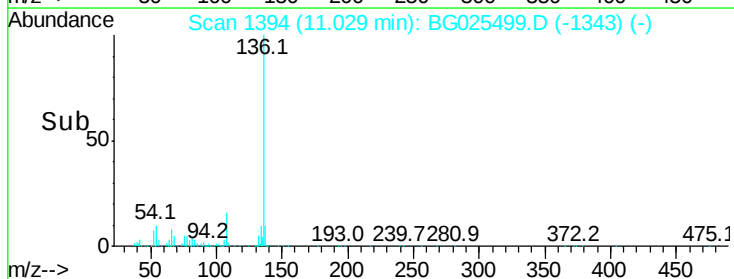
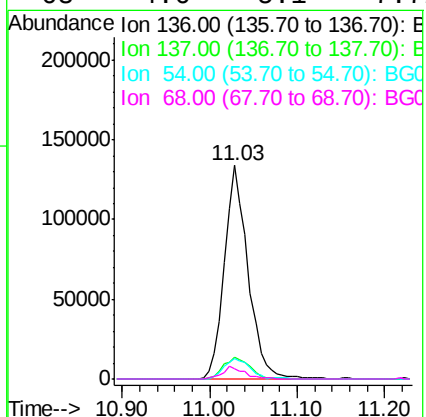
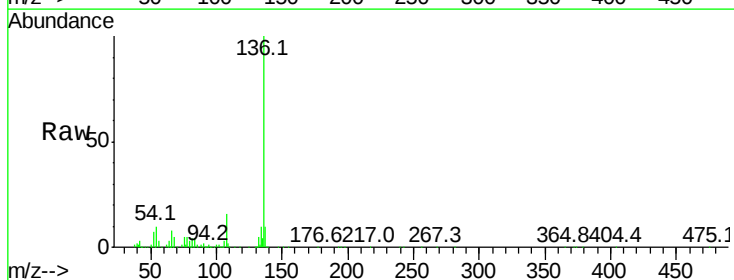
Ion Ratio Lower Upper

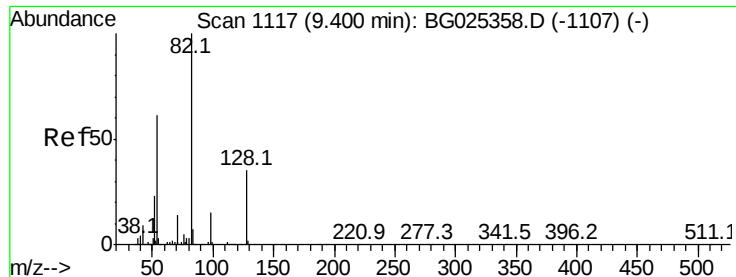
136 100

137 10.3 8.9 13.3

54 9.8 9.3 13.9

68 4.6 5.1 7.7#

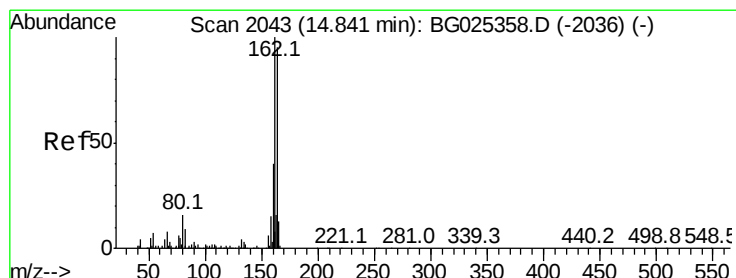
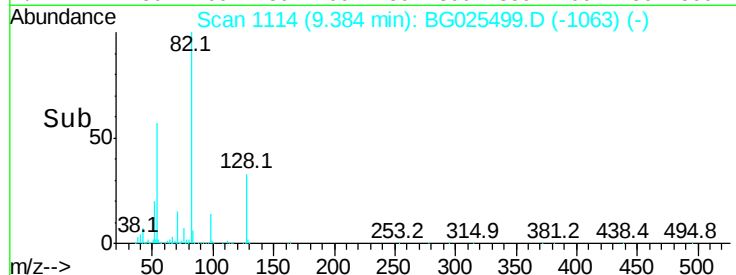
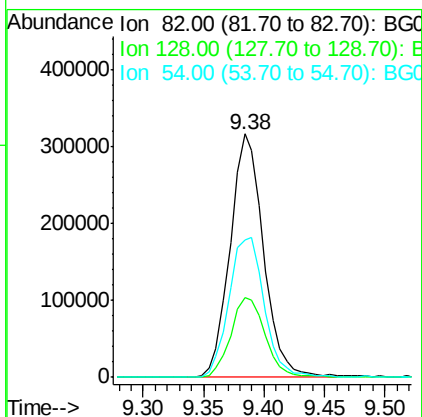
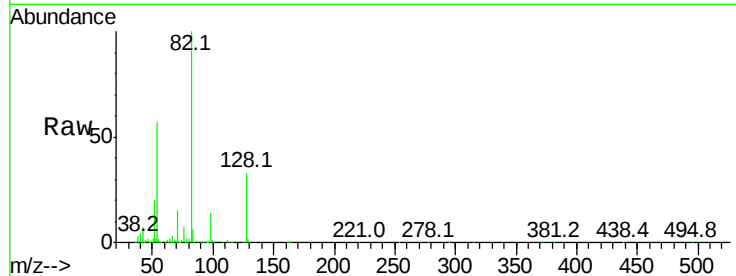




#23
 Nitrobenzene-d5
 Concen: 108.37 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025499.D
 Acq: 13 Jan 2017 2:15

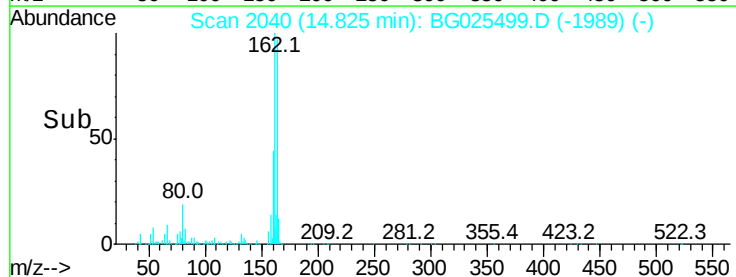
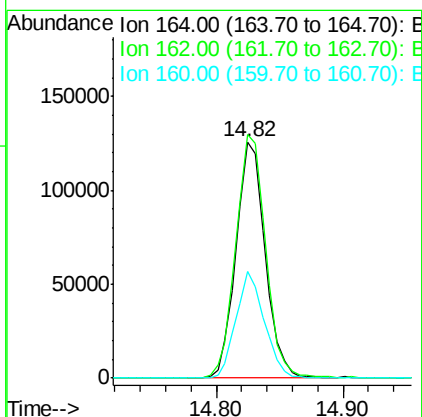
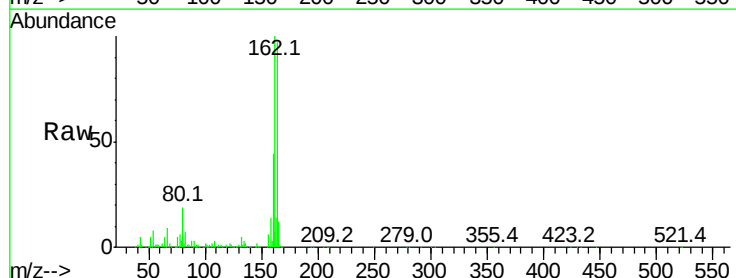
Instrument :
 BNA_G
 ClientSampleId :
 W-32

Tot Ion	82	Resp	610950
Ion Ratio	Lower	Upper	
82	100		
128	32.8	26.4	39.6
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG025499.D
 Acq: 13 Jan 2017 2:15

Tgt Ion	164	Resp	199888
Ion Ratio	Lower	Upper	
164	100		
162	102.9	85.1	127.7
160	45.2	34.7	52.1

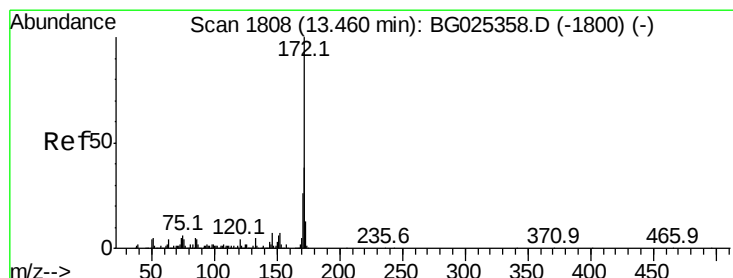
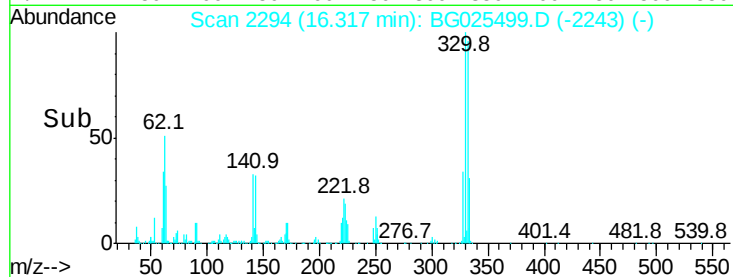
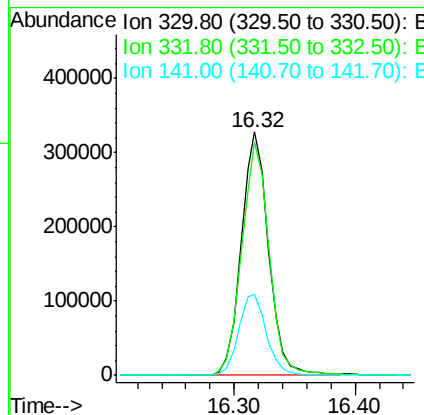
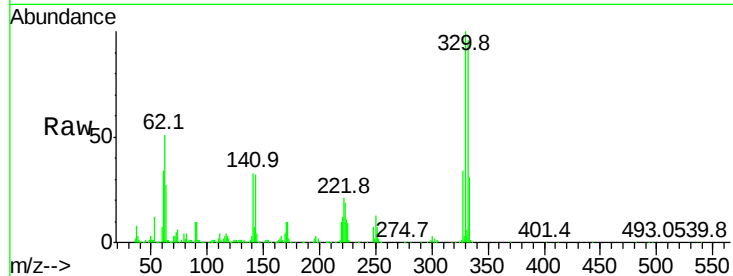




#41
2,4,6-Tribromophenol
Concen: 160.37 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025499.D
Acq: 13 Jan 2017 2:15

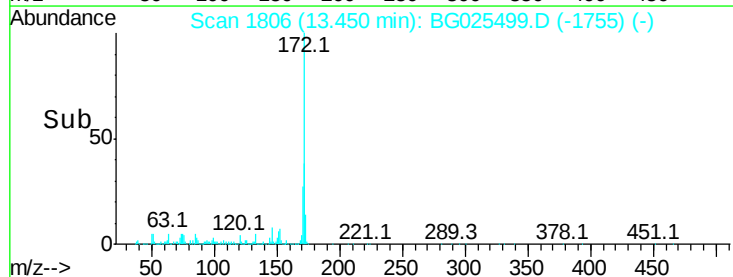
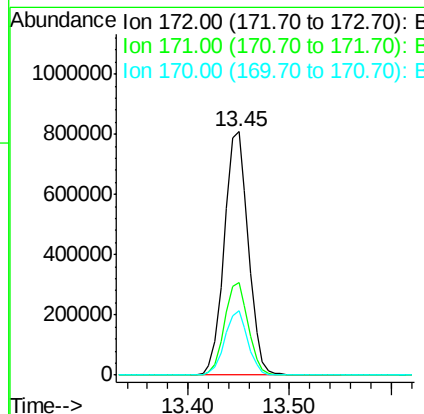
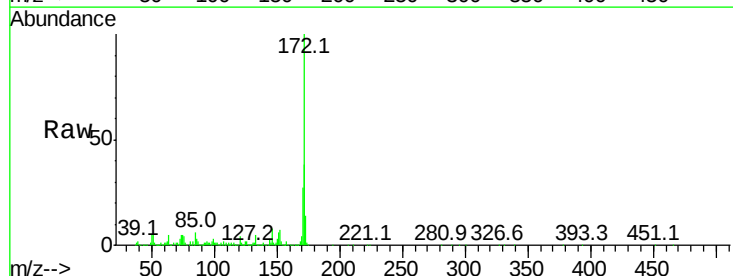
Instrument :
BNA_G
ClientSampleId :
W-32

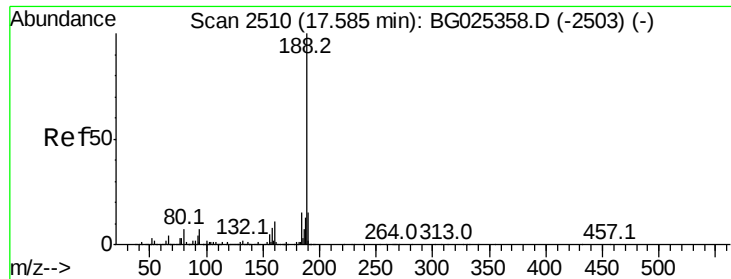
Tot Ion:330 Resp: 516095
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 34.0 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 107.92 ng
RT: 13.45 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG025499.D
Acq: 13 Jan 2017 2:15

Tgt Ion:172 Resp: 1332486
Ion Ratio Lower Upper
172 100
171 38.0 32.2 48.2
170 26.7 21.8 32.6

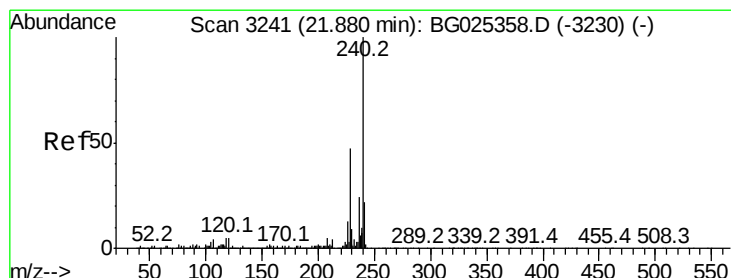
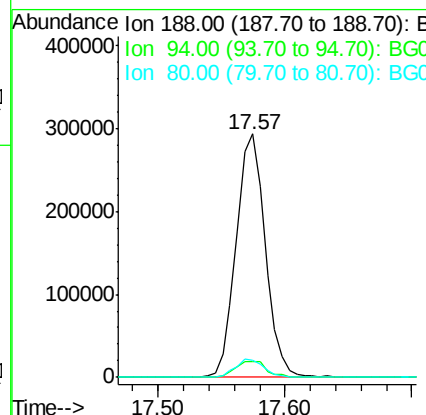
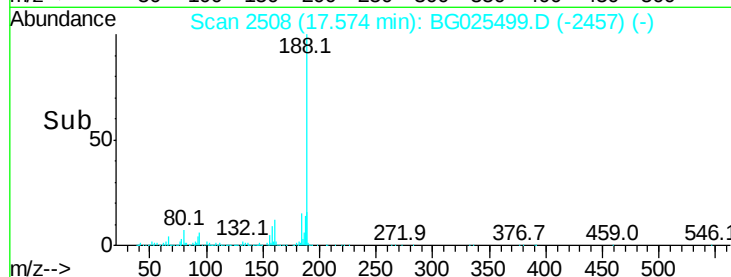
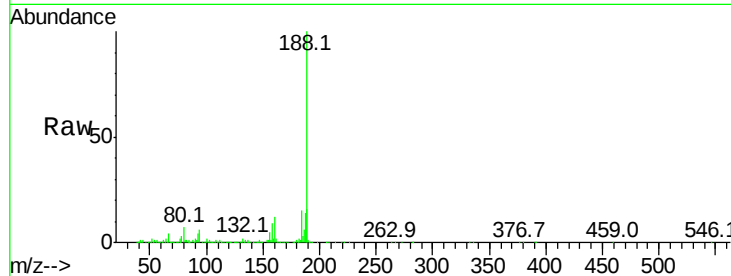




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025499.D
Acq: 13 Jan 2017 2:15

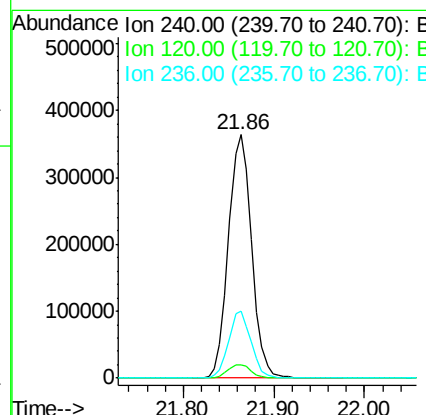
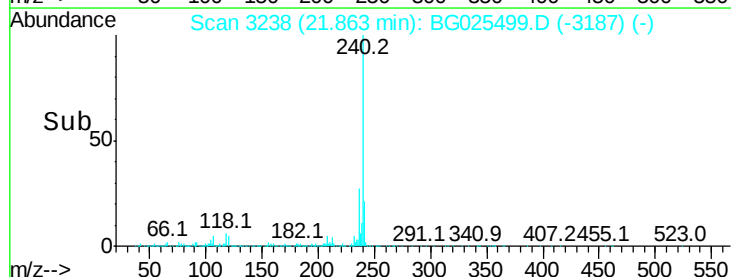
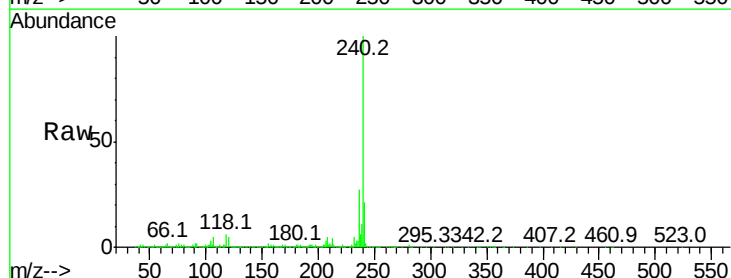
Instrument :
BNA_G
ClientSampleId :
W-32

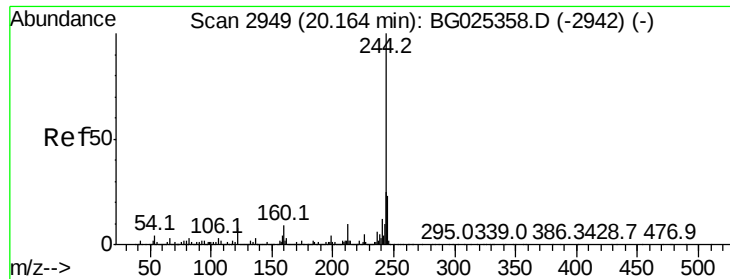
Tot Ion:188 Resp: 465756
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025499.D
Acq: 13 Jan 2017 2:15

Tgt Ion:240 Resp: 646441
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 27.3 22.2 33.4





#78

Terphenyl-d14

Concen: 99.27 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025499.D

Acq: 13 Jan 2017 2:15

Instrument :

BNA_G

ClientSampleId :

W-32

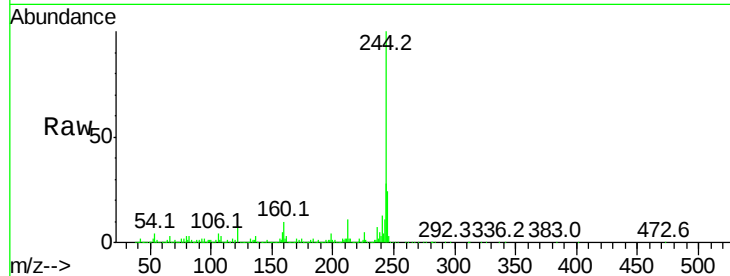
Tot Ion:244 Resp: 2420381

Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

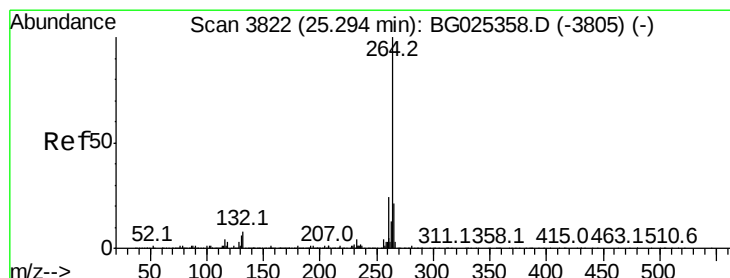
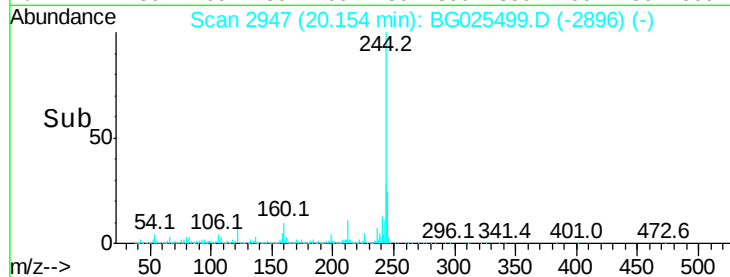
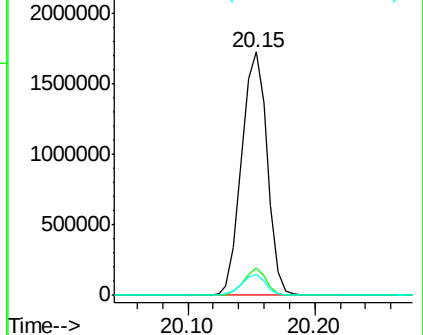
122 8.4 8.6 12.8#



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# 3816

Delta R.T. -0.01 min

Lab File: BG025499.D

Acq: 13 Jan 2017 2:15

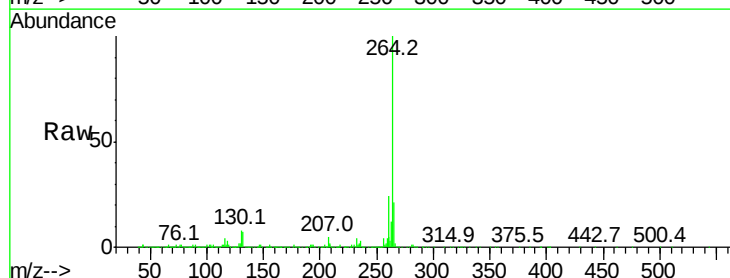
Tgt Ion:264 Resp: 681881

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 20.9 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

