

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025434.D
 Acq On : 9 Jan 2017 17:37
 Operator : UM/SJ
 Sample : PB95527BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95527BL

Quant Time: Jan 10 00:13:54 2017
 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	8.20	152	55114	20.00	ng	-0.02
21) Naphthalene-d8	11.03	136	229916	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	181556	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	413815	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	655701	20.00	ng	-0.02
86) Perylene-d12	25.26	264	696655	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	492750	162.51	ng	-0.01
7) Phenol-d6	7.36	99	693448	162.39	ng	-0.02
23) Nitrobenzene-d5	9.38	82	492767	94.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	404993	138.56	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1100017	98.09	ng	-0.01
78) Terphenyl-d14	20.15	244	2193014	88.68	ng	-0.01

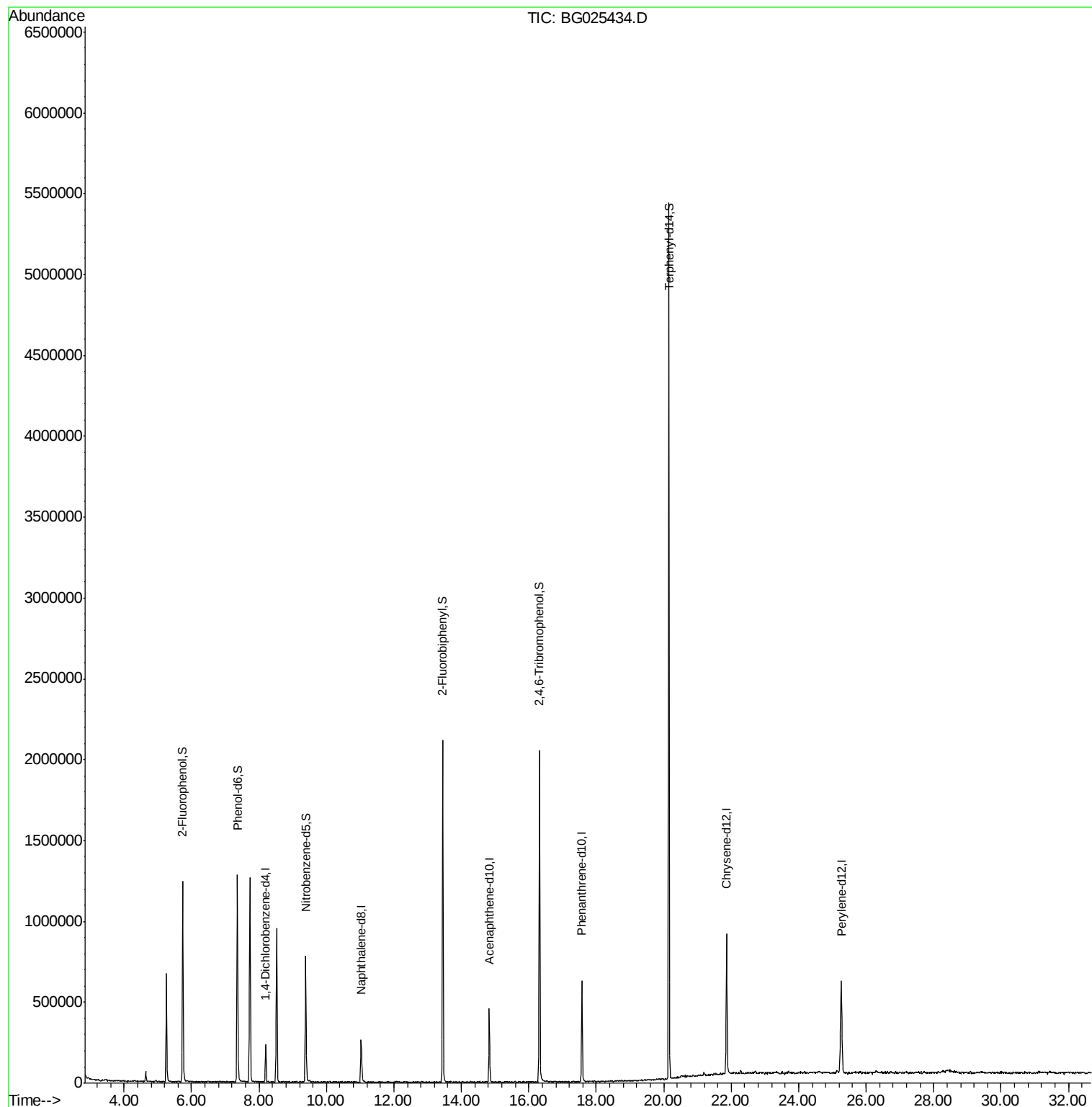
Target Compounds Qvalue

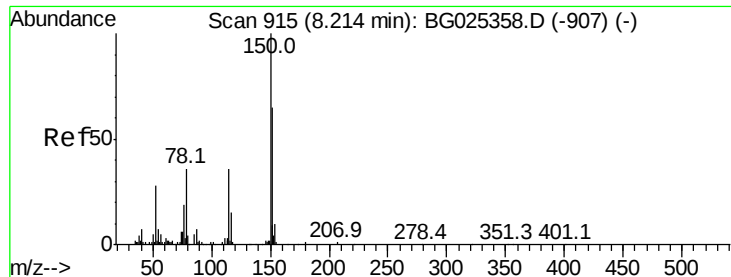
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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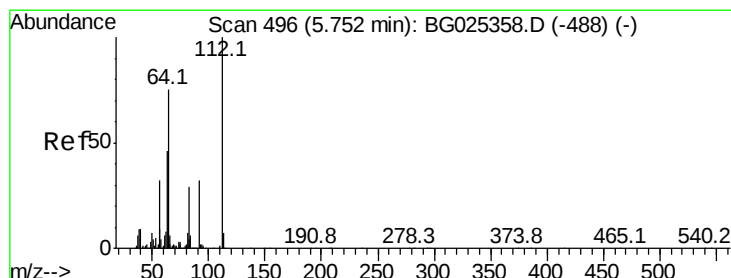
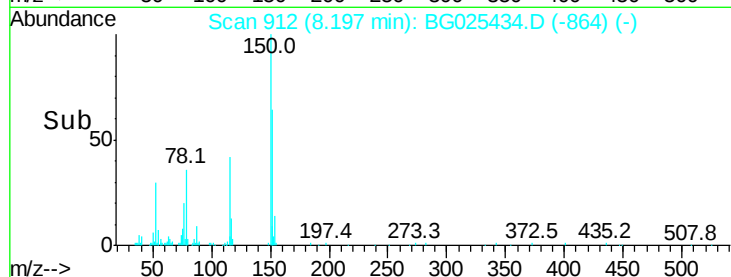
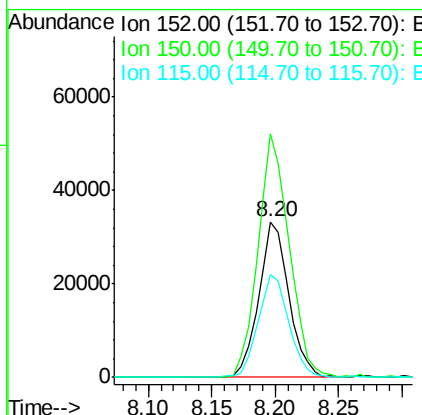
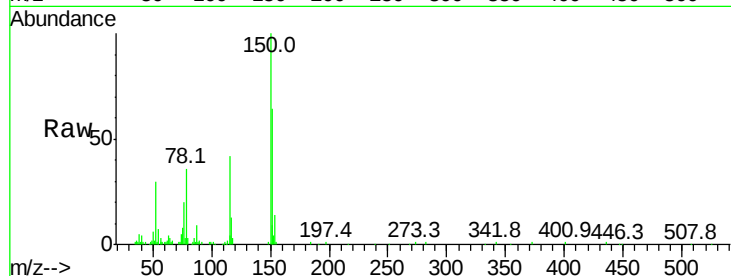


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Instrument :
BNA_G
ClientSampleId :
PB95527BL

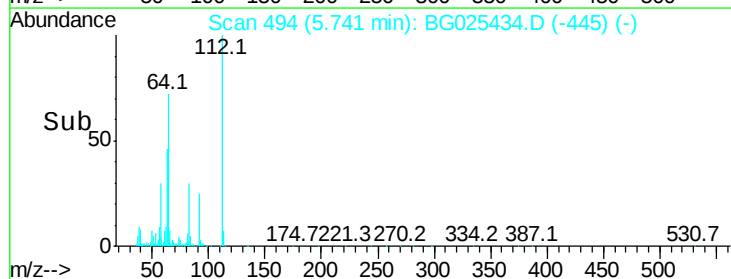
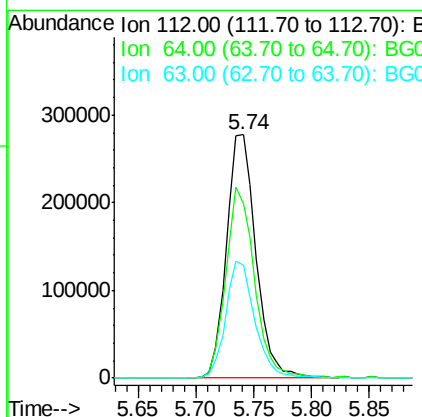
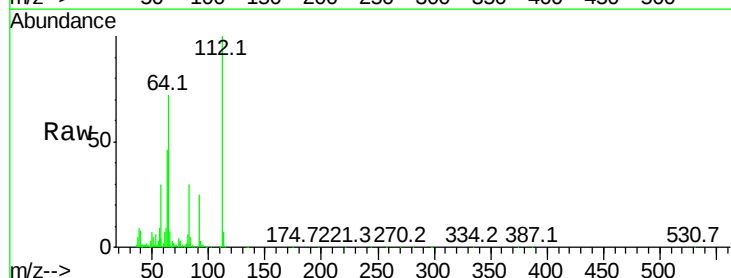
Tot Ion:152 Resp: 55114
Ion Ratio Lower Upper
152 100
150 156.2 114.0 171.0
115 65.8 48.1 72.1

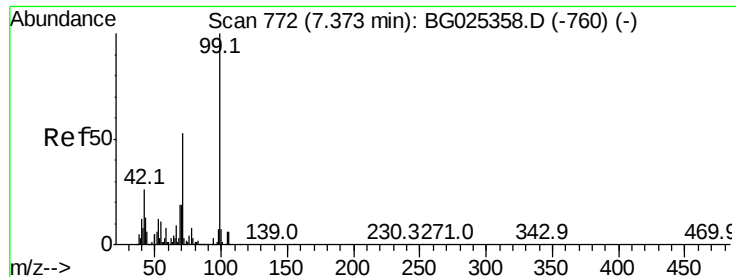


#5

2-Fluorophenol
Concen: 162.51 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Tgt Ion:112 Resp: 492750
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 46.2 37.2 55.8





#7

Phenol-d6

Concen: 162.39 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

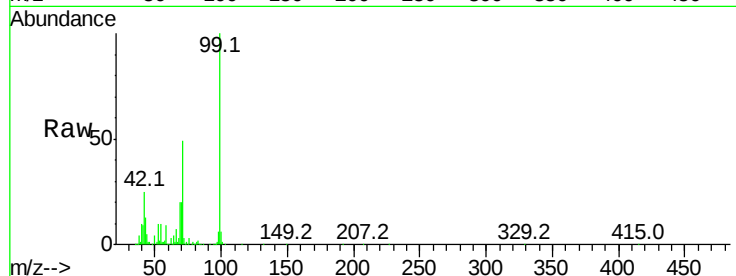
Tot Ion: 99 Resp: 693448

Ion Ratio Lower Upper

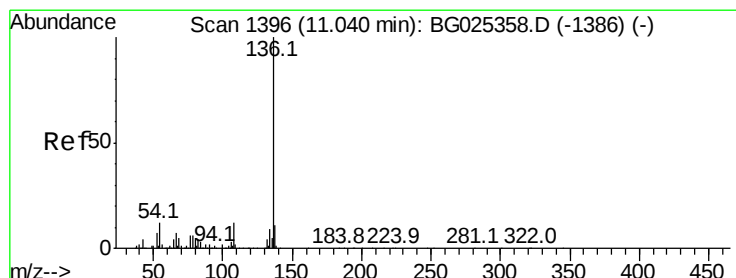
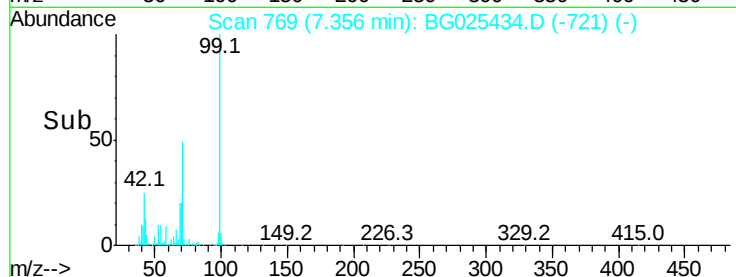
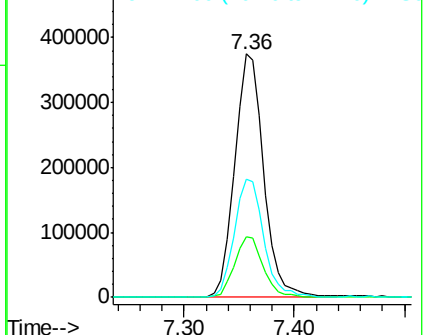
99 100

42 25.1 20.5 30.7

71 48.7 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. -0.01 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Tgt Ion: 136 Resp: 229916

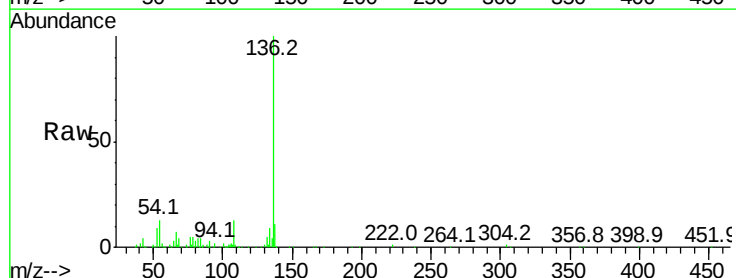
Ion Ratio Lower Upper

136 100

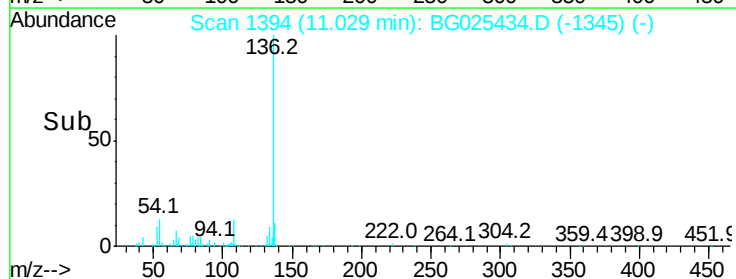
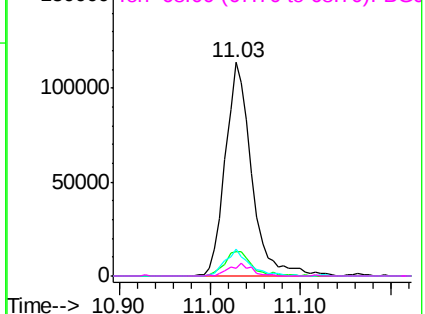
137 11.5 8.9 13.3

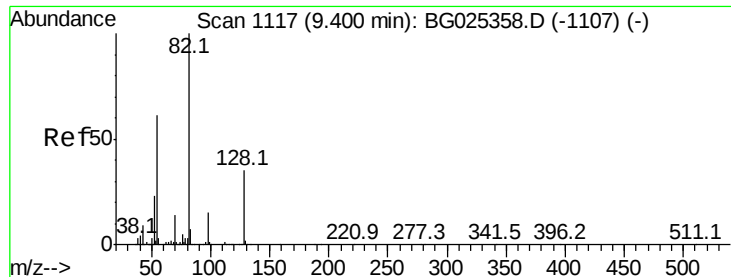
54 12.6 9.3 13.9

68 3.9 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: 94.68 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.02 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

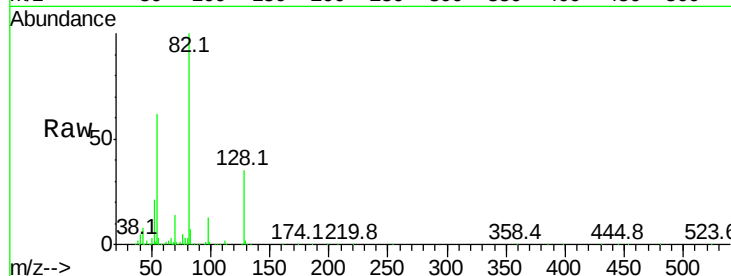
Tot Ion: 82 Resp: 492767

Ion Ratio Lower Upper

82 100

128 34.5 26.4 39.6

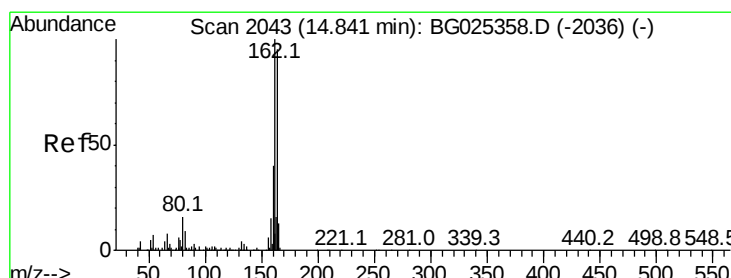
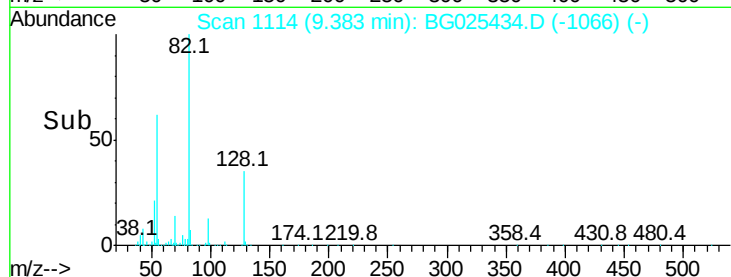
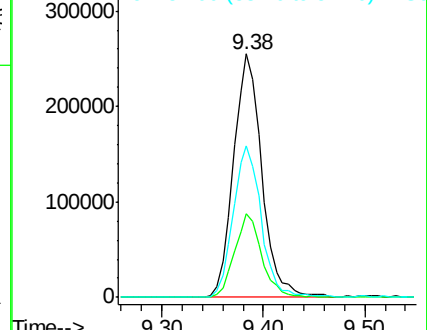
54 62.1 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

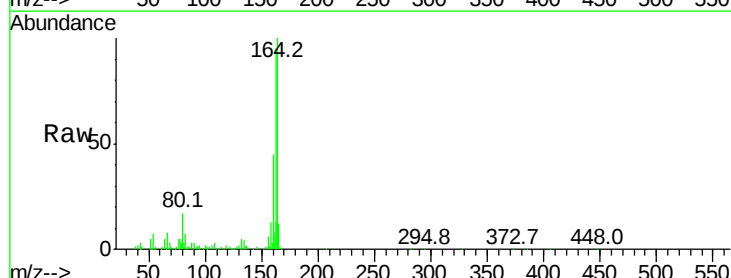
Tgt Ion: 164 Resp: 181556

Ion Ratio Lower Upper

164 100

162 95.5 85.1 127.7

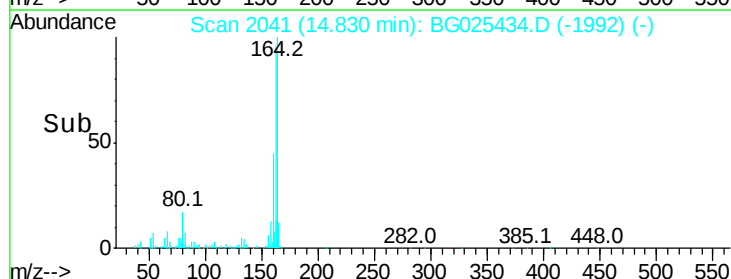
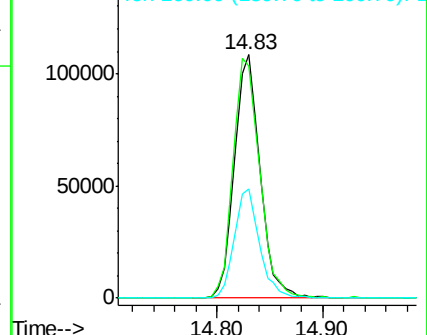
160 45.1 34.7 52.1

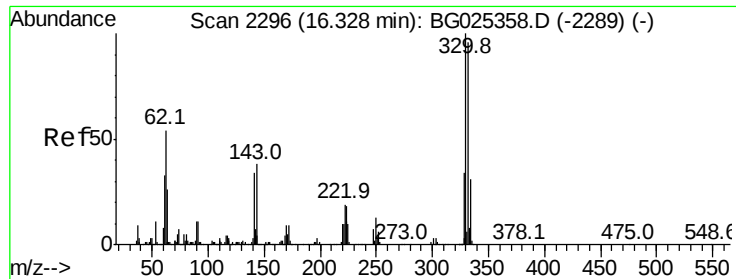


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

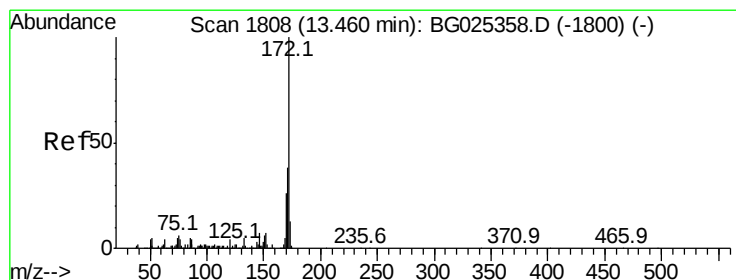
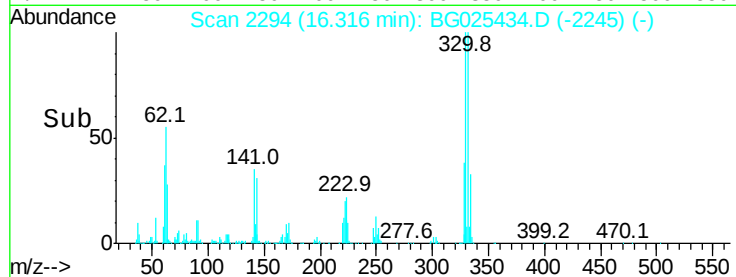
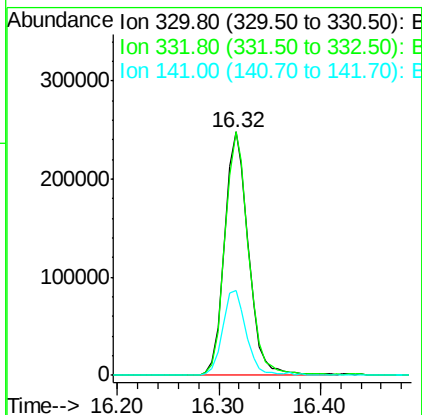
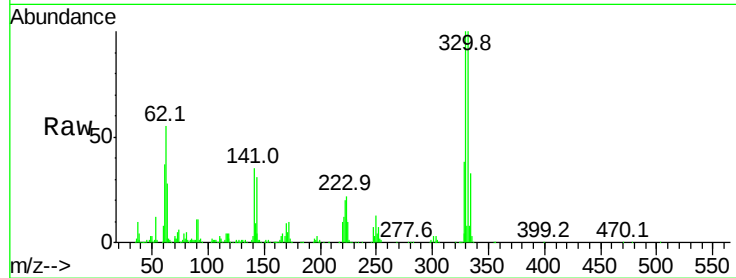




#41
 2,4,6-Tribromophenol
 Concen: 138.56 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025434.D
 Acq: 9 Jan 2017 17:37

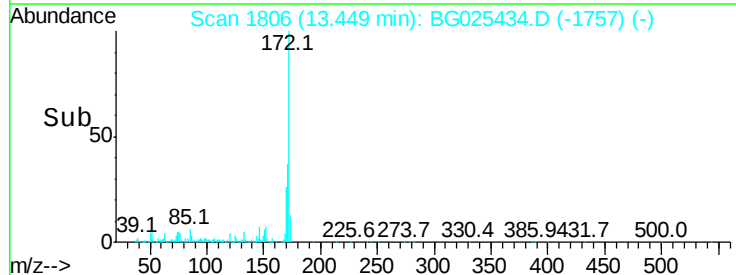
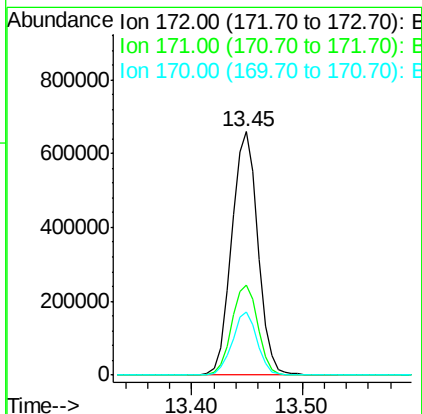
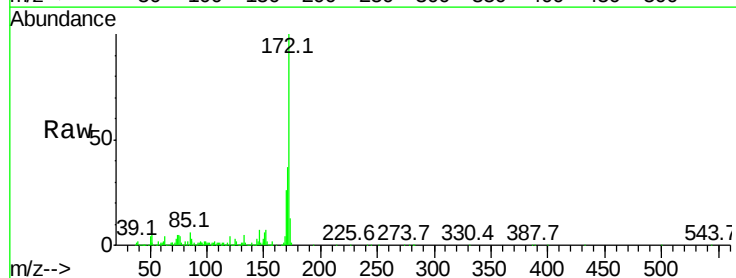
Instrument :
 BNA_G
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 PB95527BL

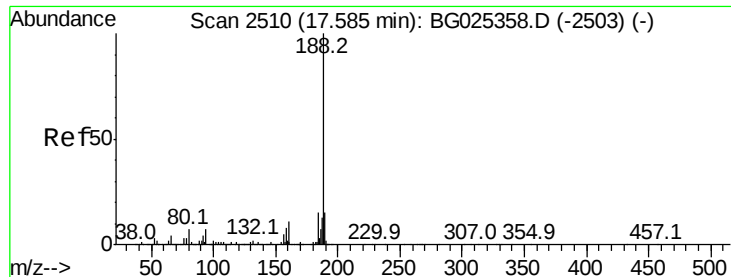
Tot Ion:330 Resp: 404993
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.3 115.9
 141 34.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.09 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025434.D
 Acq: 9 Jan 2017 17:37

Tgt Ion:172 Resp: 1100017
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 25.7 21.8 32.6

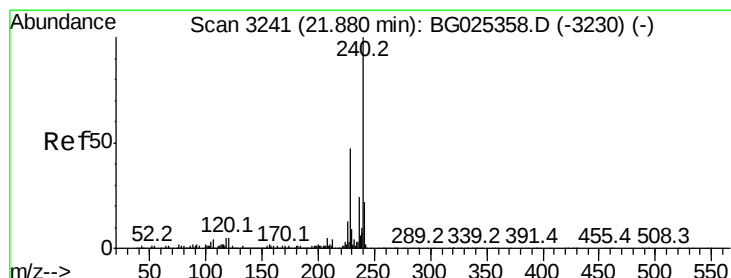
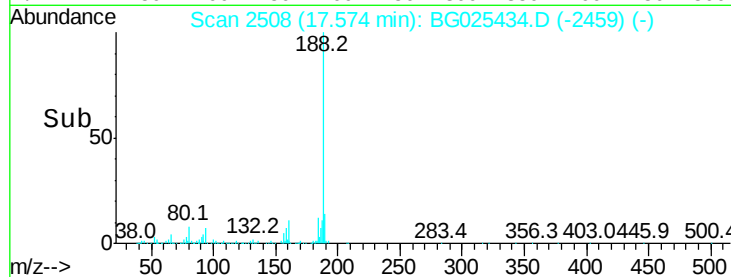
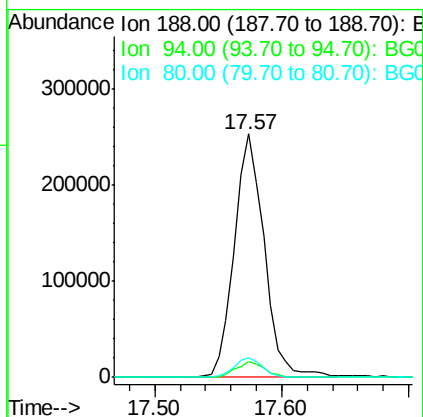
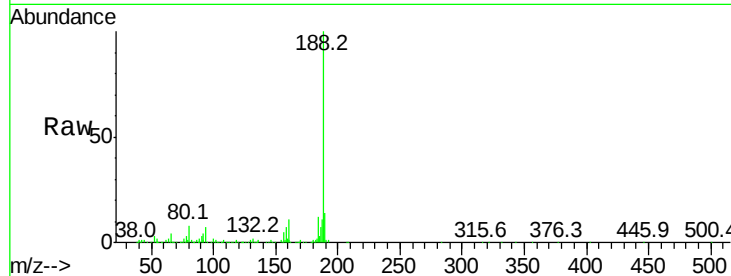




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

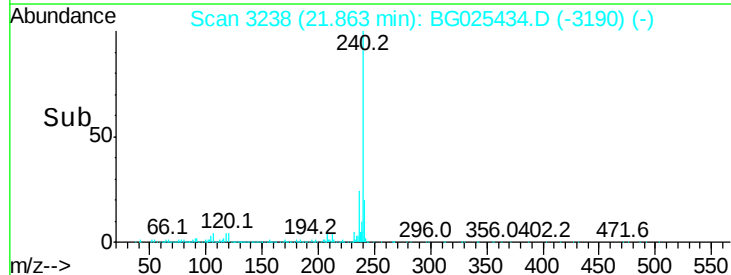
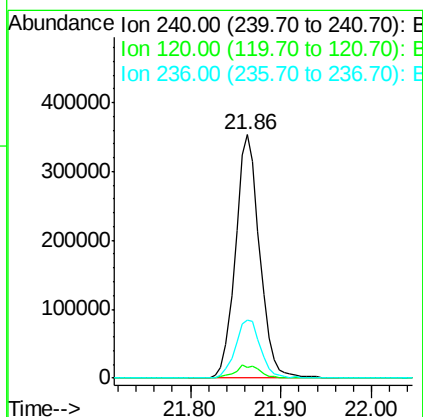
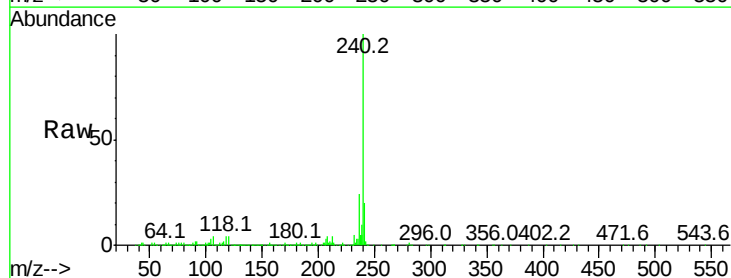
Instrument :
BNA_G
ClientSampleId :
PB95527BL

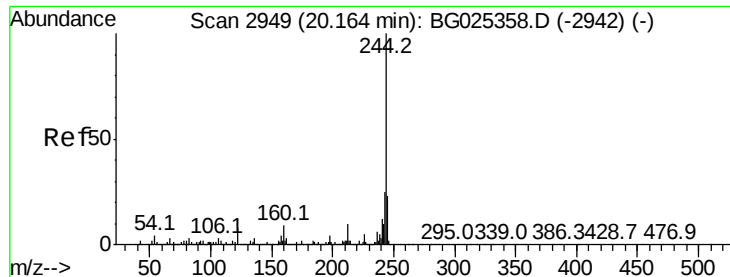
Tot Ion:188 Resp: 413815
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 8.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.02 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Tgt Ion:240 Resp: 655701
Ion Ratio Lower Upper
240 100
120 4.4 5.7 8.5#
236 23.9 22.2 33.4





#78

Terphenyl-d14

Concen: 88.68 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

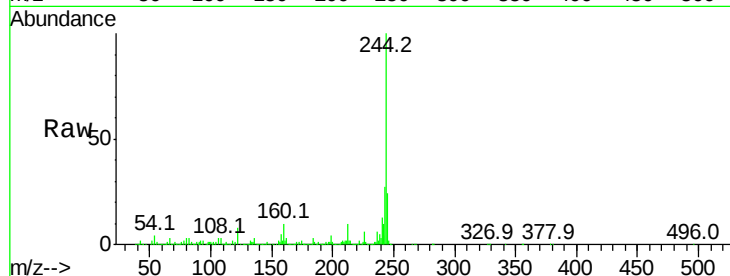
Tot Ion:244 Resp: 2193014

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	7.9	8.6	12.8#

244 100

212 10.3 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

2000000

1500000

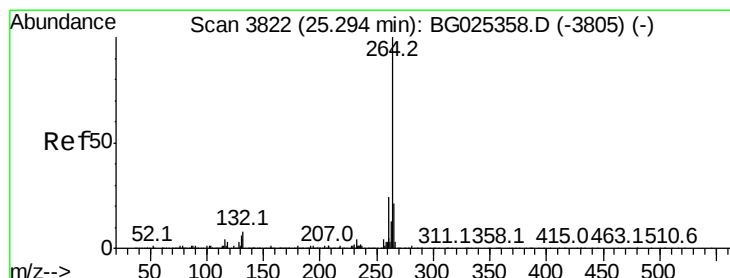
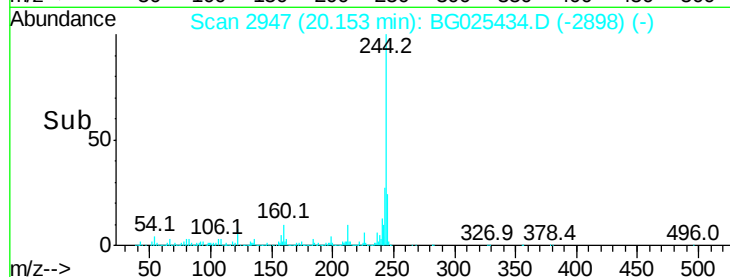
1000000

500000

0

20.15

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.03 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

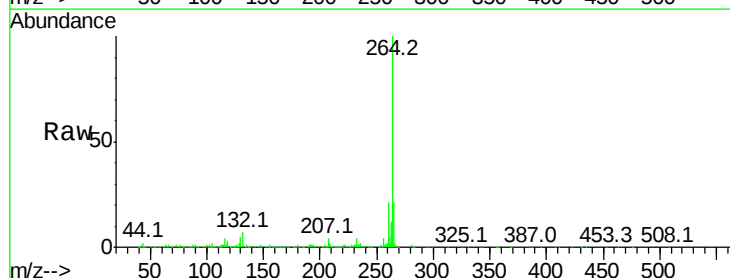
Tgt Ion:264 Resp: 696655

Ion	Ratio	Lower	Upper
264	100		
260	21.3	21.8	32.8#
265	21.4	18.2	27.4

264 100

260 21.3 21.8 32.8#

265 21.4 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

300000

250000

200000

150000

100000

50000

0

25.26

Time-->

