

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025481.D
 Acq On : 12 Jan 2017 14:15
 Operator : UM/SJ
 Sample : PB95940BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95940BL

Quant Time: Jan 13 01:00:36 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	57298	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	236521	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	180787	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	429800	20.00	ng	0.00
75) Chrysene-d12	21.86	240	650006	20.00	ng	0.00
86) Perylene-d12	25.27	264	687636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	509731	161.70	ng	0.00
7) Phenol-d6	7.36	99	700339	157.75	ng	0.00
23) Nitrobenzene-d5	9.38	82	505379	94.39	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	433364	148.89	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1127798	101.00	ng	0.00
78) Terphenyl-d14	20.15	244	2284566	93.19	ng	0.00

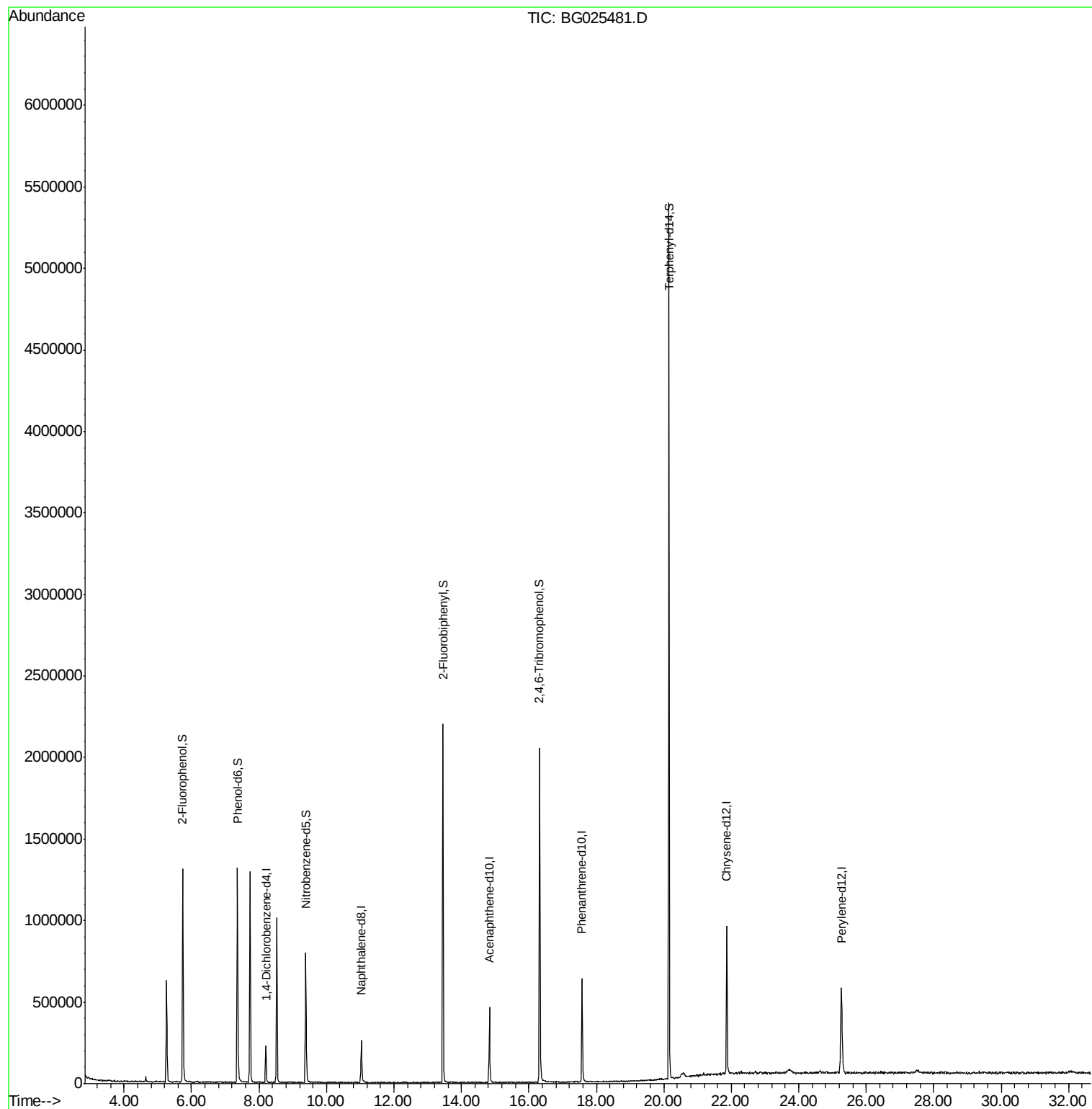
Target Compounds Qvalue

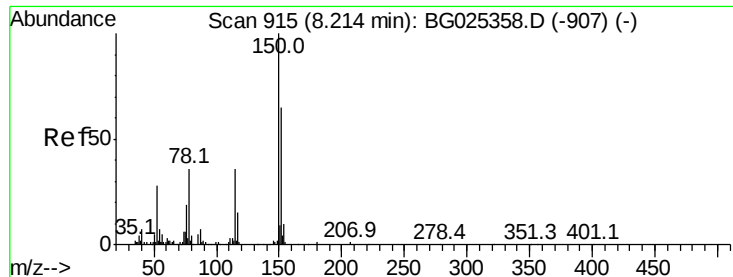
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

Instrument :

BNA_G

ClientSampleId :

PB95940BL

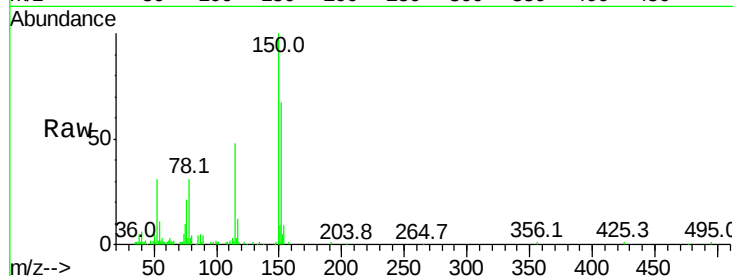
Tot Ion:152 Resp: 57298

Ion Ratio Lower Upper

152 100

150 150.0 114.0 171.0

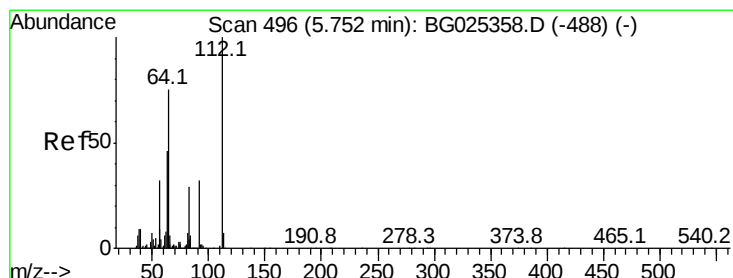
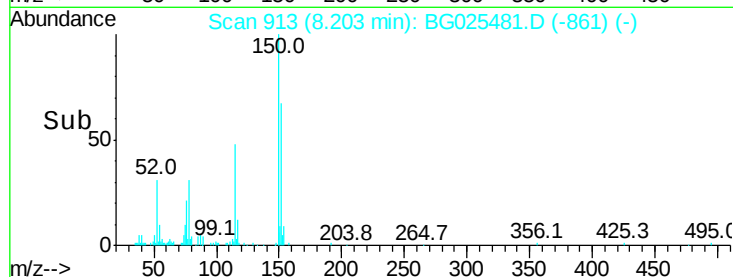
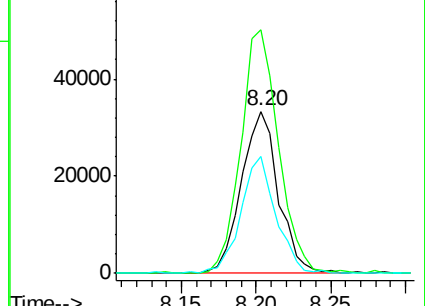
115 72.3 48.1 72.1#



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: 161.70 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

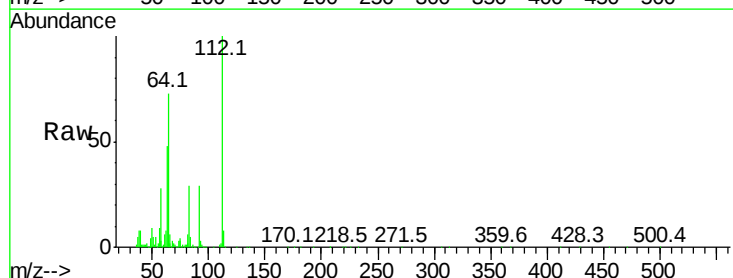
Tgt Ion:112 Resp: 509731

Ion Ratio Lower Upper

112 100

64 72.9 61.8 92.6

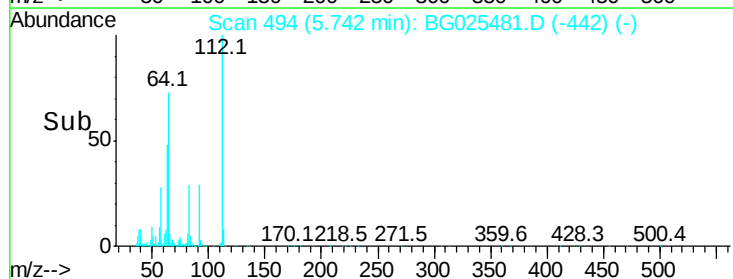
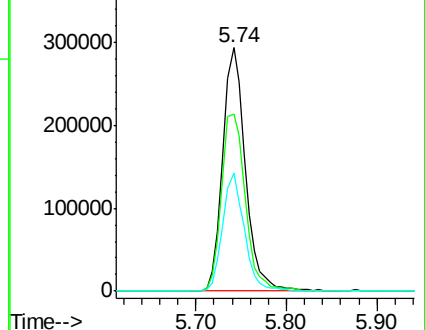
63 48.4 37.2 55.8

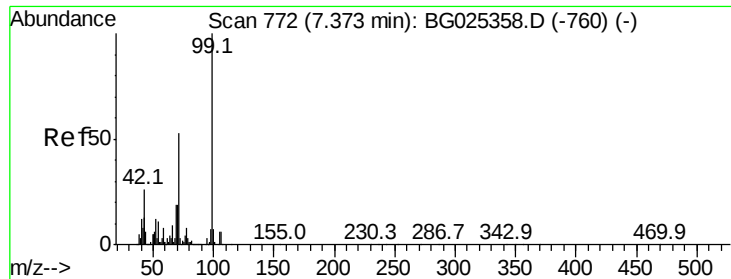


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 157.75 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

Instrument :

BNA_G

ClientSampleId :

PB95940BL

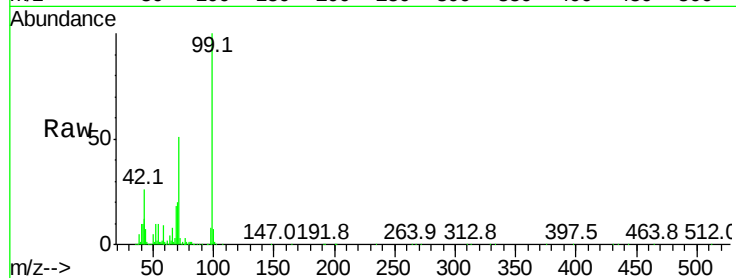
Tot Ion: 99 Resp: 700339

Ion Ratio Lower Upper

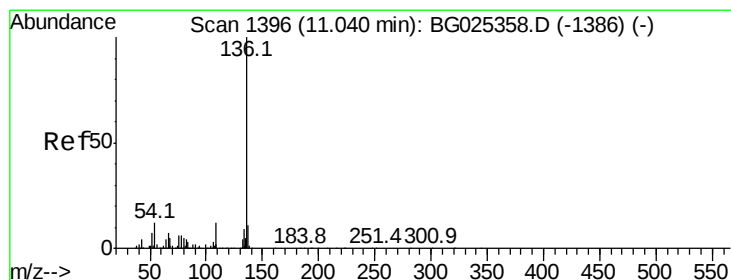
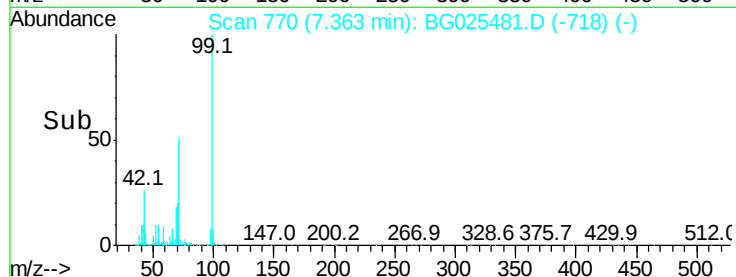
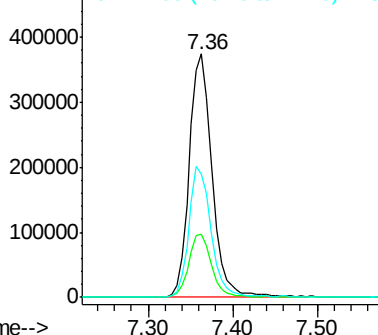
99 100

42 26.1 20.5 30.7

71 50.6 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# 1395

Delta R.T. 0.01 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

Tgt Ion: 136 Resp: 236521

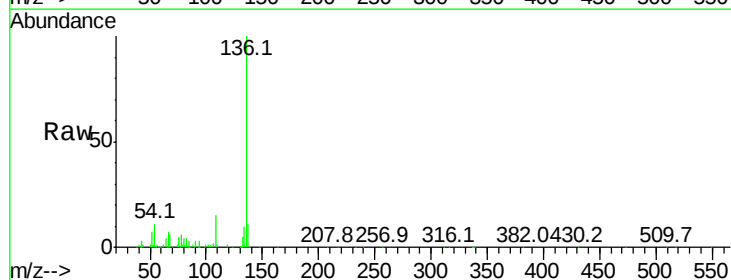
Ion Ratio Lower Upper

136 100

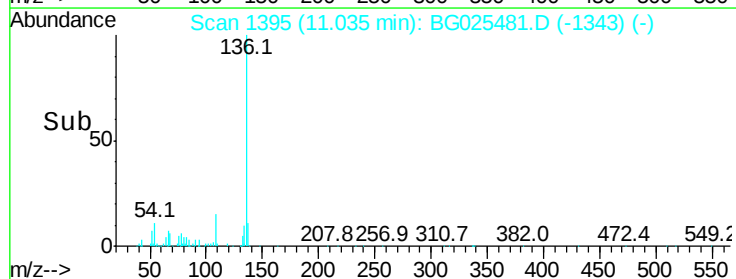
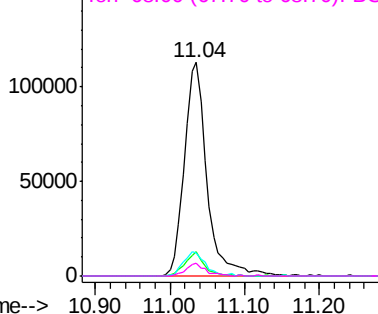
137 11.2 8.9 13.3

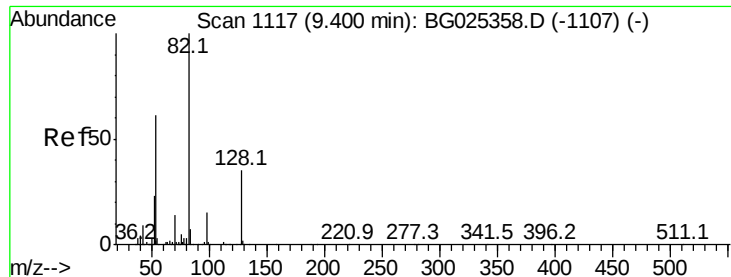
54 10.6 9.3 13.9

68 6.2 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

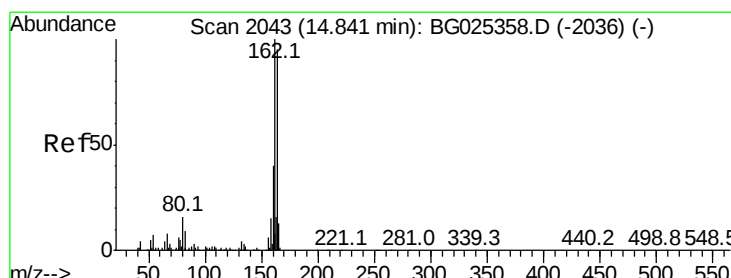
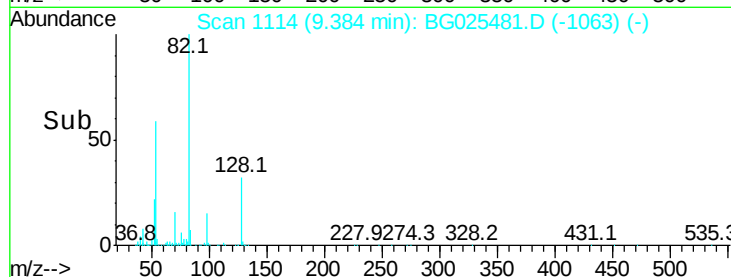
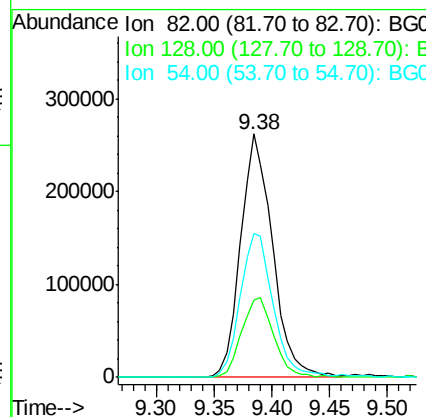
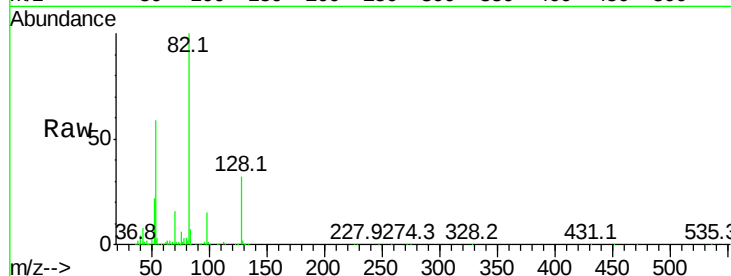




#23
Nitrobenzene-d5
Concen: 94.39 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025481.D
Acq: 12 Jan 2017 14:15

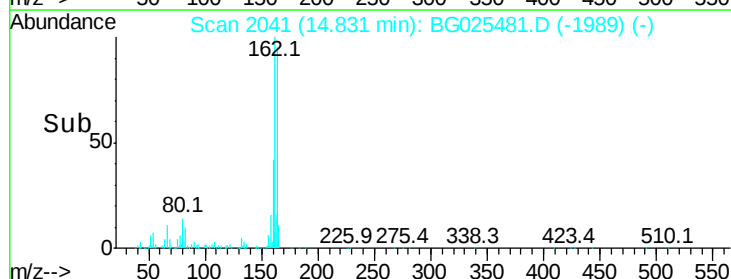
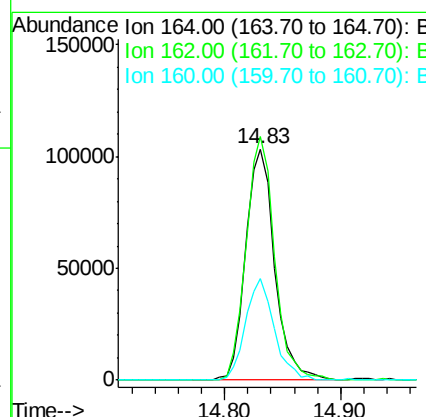
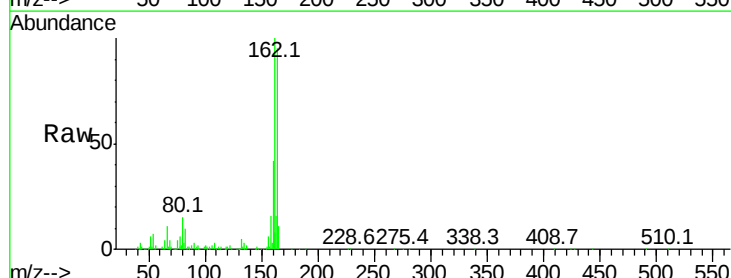
Instrument :
BNA_G
ClientSampleId :
PB95940BL

Tot Ion	82	Resp	505379
Ion Ratio	100	Lower	Upper
128	31.9	26.4	39.6
54	58.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG025481.D
Acq: 12 Jan 2017 14:15

Tgt Ion	164	Resp	180787
Ion Ratio	100	Lower	Upper
162	105.2	85.1	127.7
160	43.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 148.89 ng

RT: 16.32 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

Instrument :

BNA_G

ClientSampleId :

PB95940BL

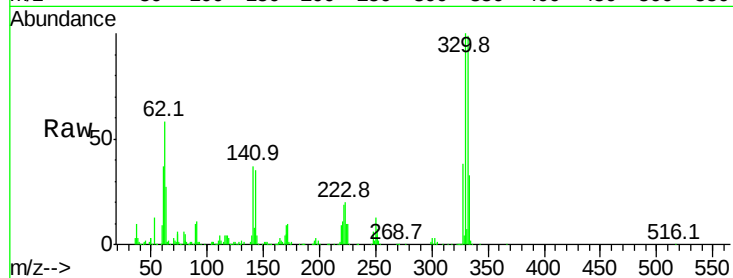
Tot Ion:330 Resp: 433364

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

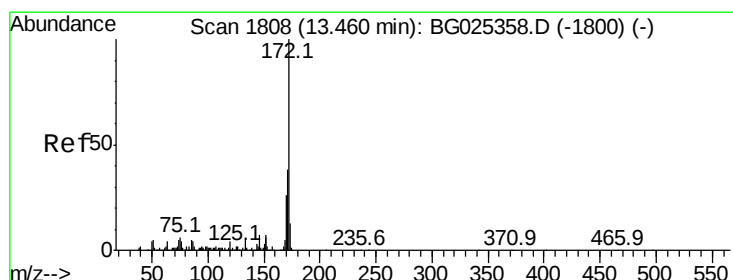
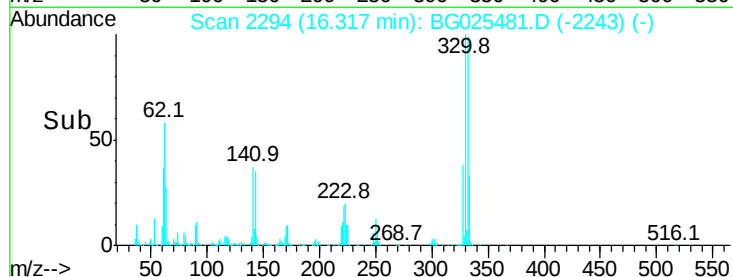
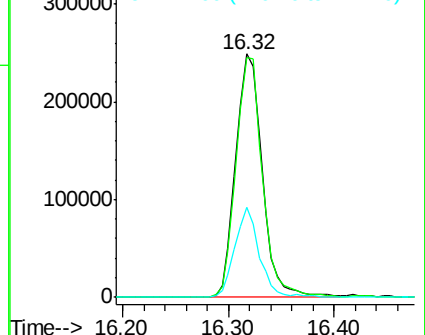
141 34.1 32.1 48.1



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: 101.00 ng

RT: 13.45 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

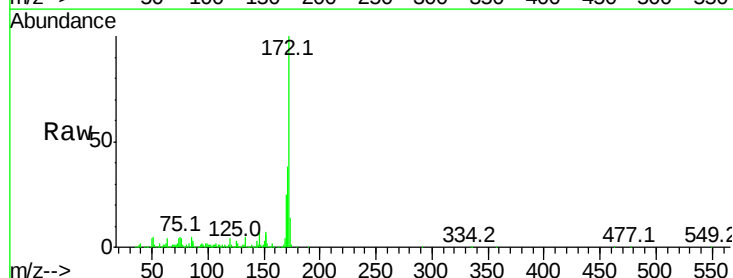
Tgt Ion:172 Resp: 1127798

Ion Ratio Lower Upper

172 100

171 38.1 32.2 48.2

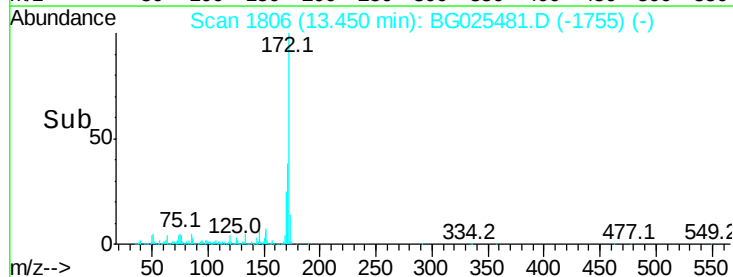
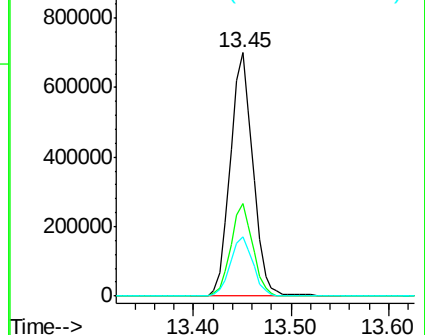
170 24.5 21.8 32.6

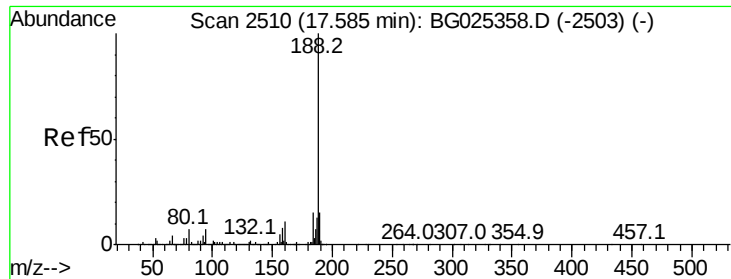


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

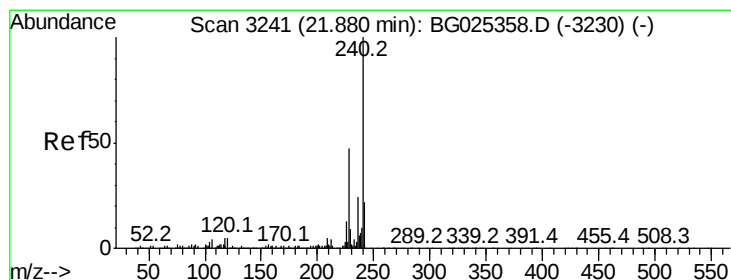
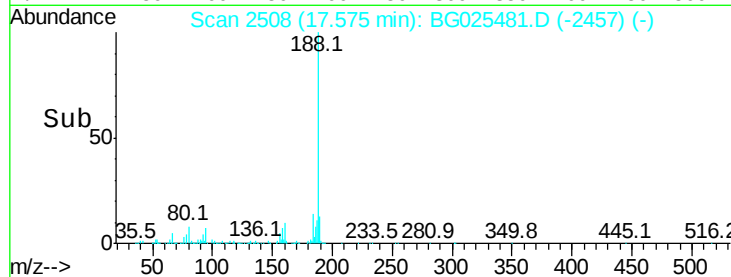
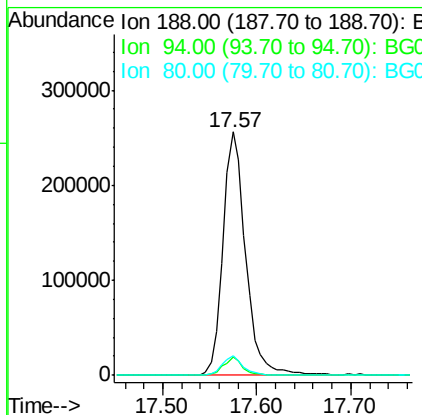
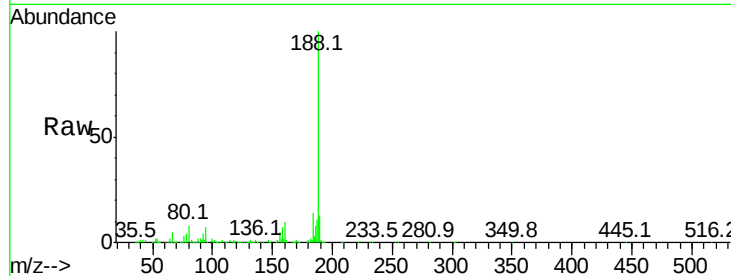




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG025481.D
 Acq: 12 Jan 2017 14:15

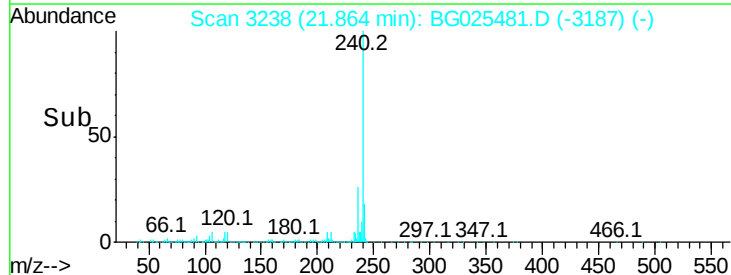
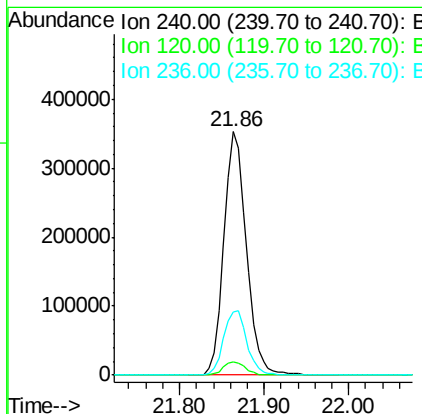
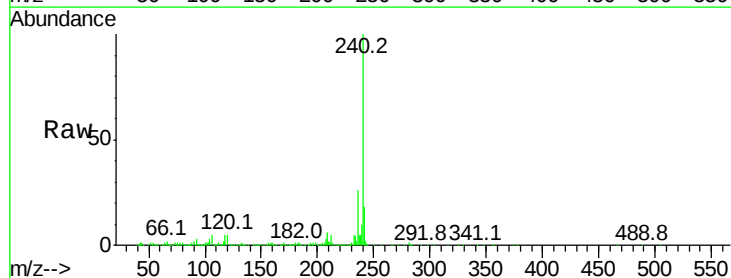
Instrument :
 BNA_G
 ClientSampleId :
 PB95940BL

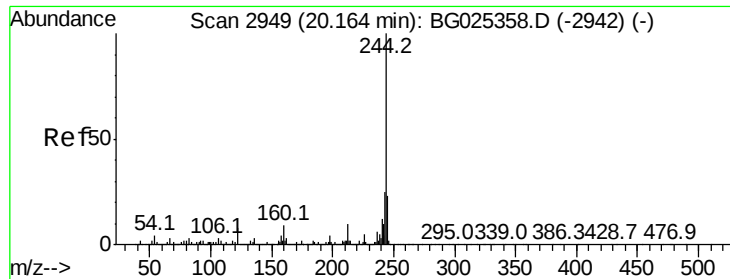
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	8.2	7.5	11.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.00 min
 Lab File: BG025481.D
 Acq: 12 Jan 2017 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.0	22.2	33.4





#78

Terphenyl-d14

Concen: 93.19 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

Instrument :

BNA_G

ClientSampleId :

PB95940BL

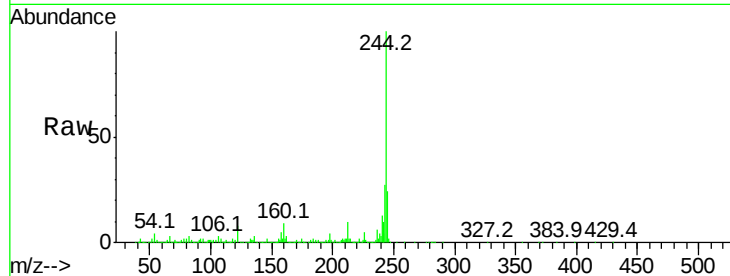
Tot Ion:244 Resp: 2284566

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	8.1	8.6	12.8#

244 100

212 10.2 10.0 15.0

122 8.1 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

20.15

1500000

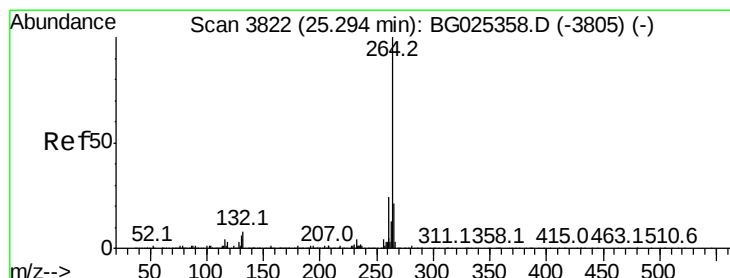
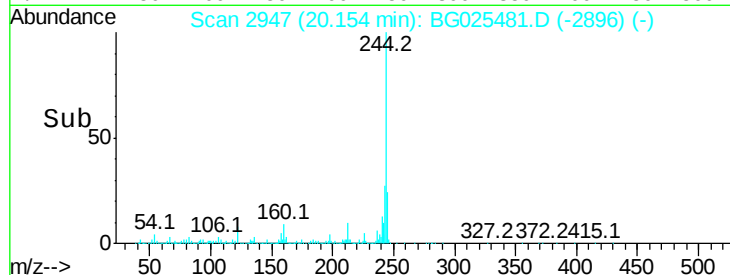
1000000

500000

0

Time-->

20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3817

Delta R.T. 0.00 min

Lab File: BG025481.D

Acq: 12 Jan 2017 14:15

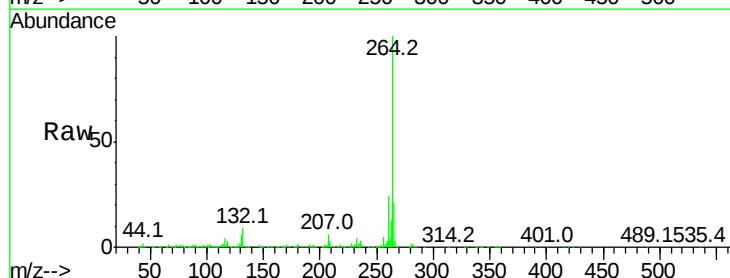
Tgt Ion:264 Resp: 687636

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.0	18.2	27.4

264 100

260 24.0 21.8 32.8

265 21.0 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

25.27

250000

200000

150000

100000

50000

0

Time-->

25.20 25.40

