

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025446.D
 Acq On : 10 Jan 2017 1:21
 Operator : UM/SJ
 Sample : I1056-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PW-03

Quant Time: Jan 10 04:30:02 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	54208	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	213236	20.00	ng	-0.01
38) Acenaphthene-d10	14.82	164	180480	20.00	ng	-0.02
63) Phenanthrene-d10	17.57	188	415431	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	631245	20.00	ng	-0.02
86) Perylene-d12	25.25	264	655931	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	211532	70.93	ng	-0.01
7) Phenol-d6	7.36	99	174601	41.57	ng	-0.02
23) Nitrobenzene-d5	9.38	82	497394	103.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	418651	144.08	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1070161	96.00	ng	-0.01
78) Terphenyl-d14	20.15	244	2154499	90.50	ng	-0.01

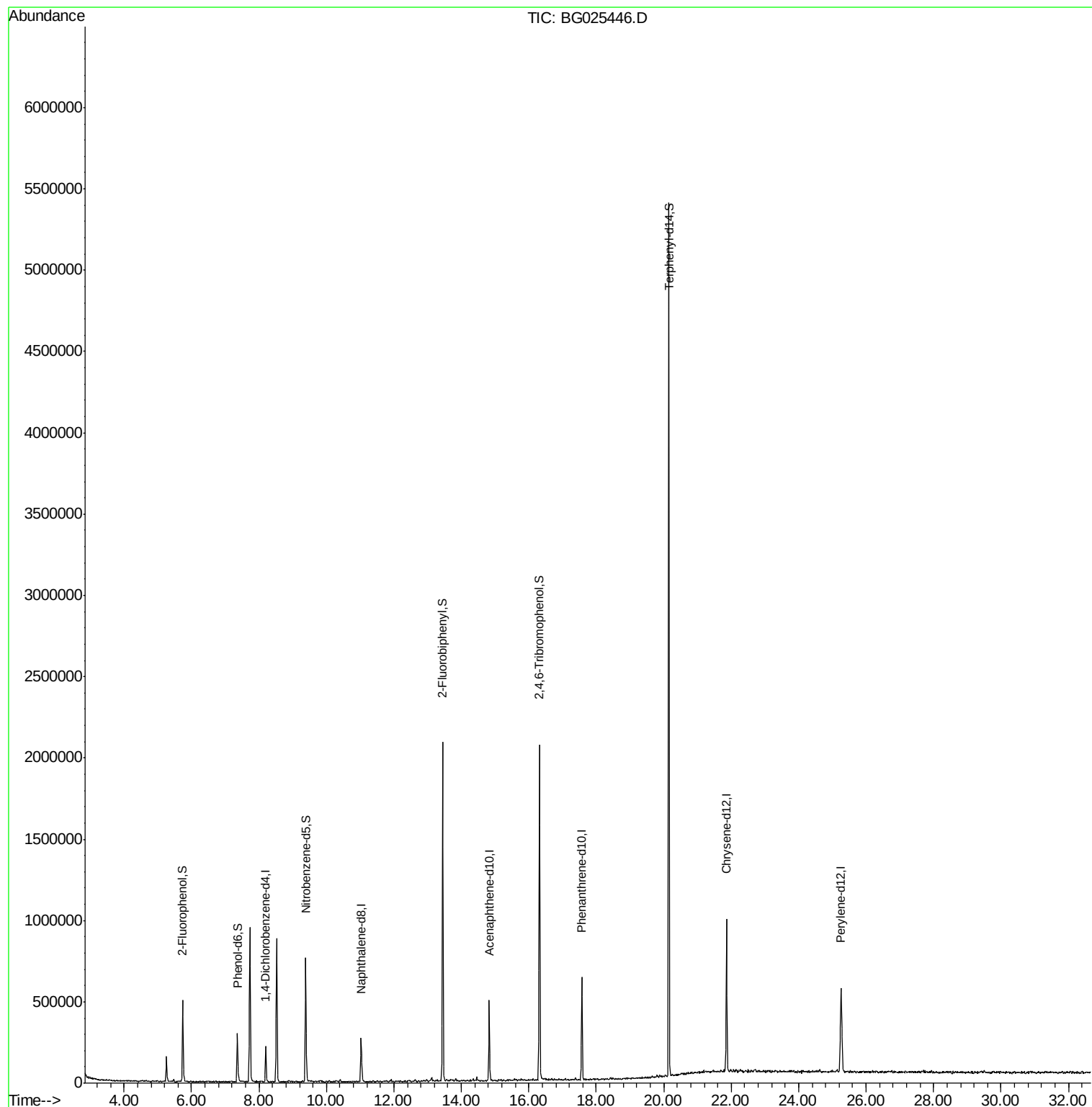
Target Compounds Qvalue

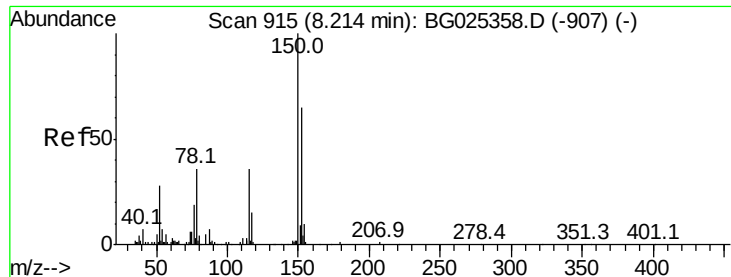
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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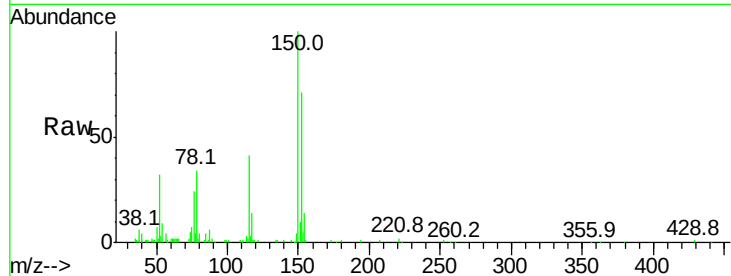


#1

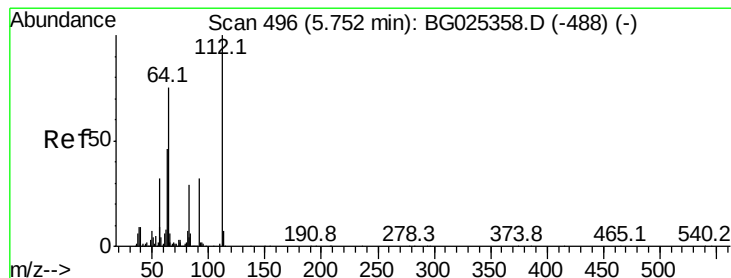
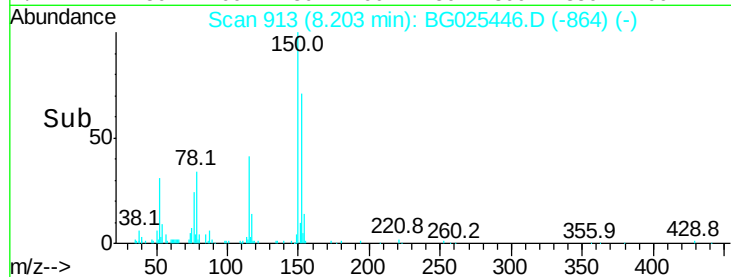
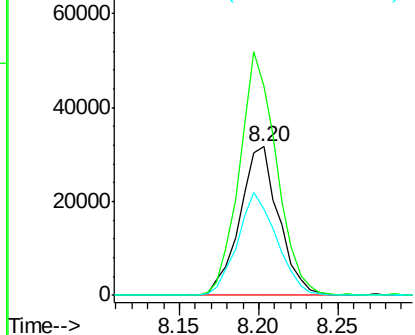
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Instrument :
BNA_G
ClientSampleId :
PW-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.6	114.0	171.0
115	57.9	48.1	72.1



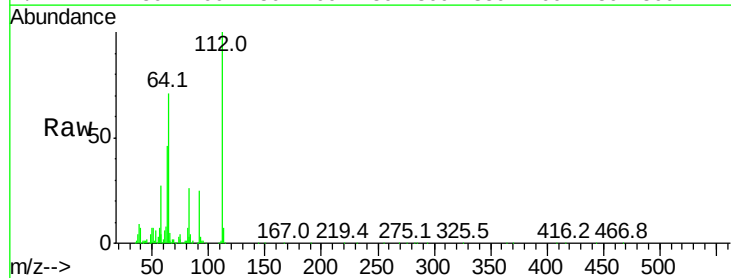
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



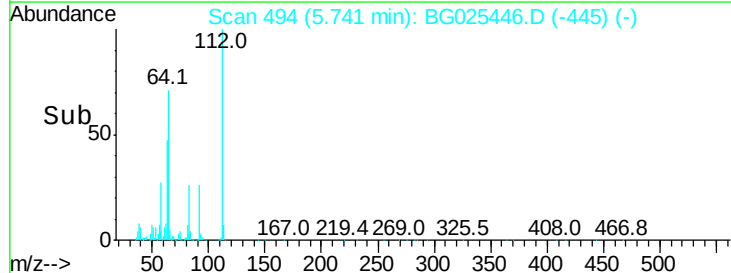
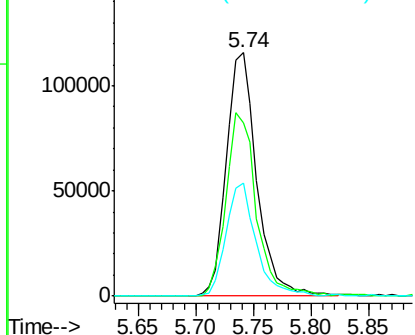
#5

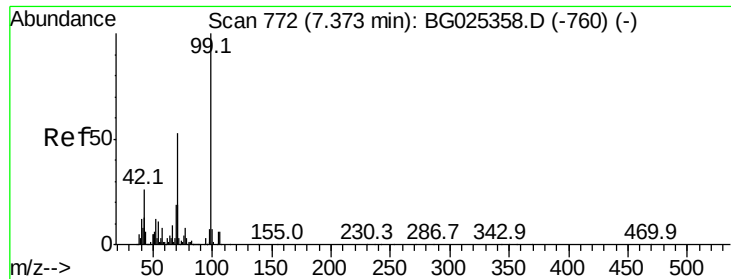
2-Fluorophenol
Concen: 70.93 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	61.8	92.6
63	46.2	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: 41.57 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

Instrument :

BNA_G

ClientSampleId :

PW-03

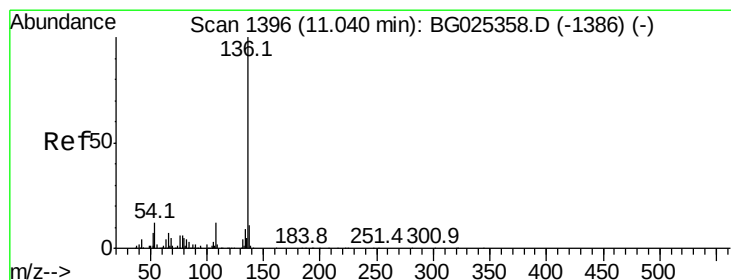
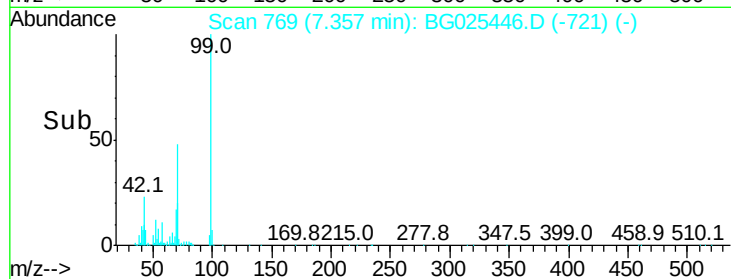
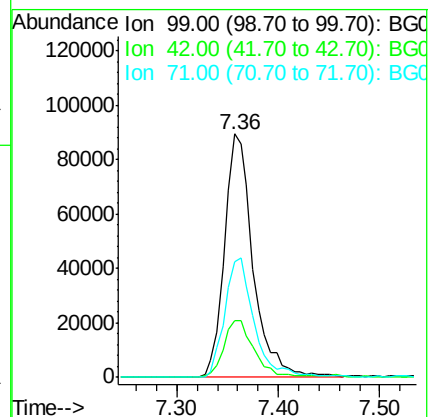
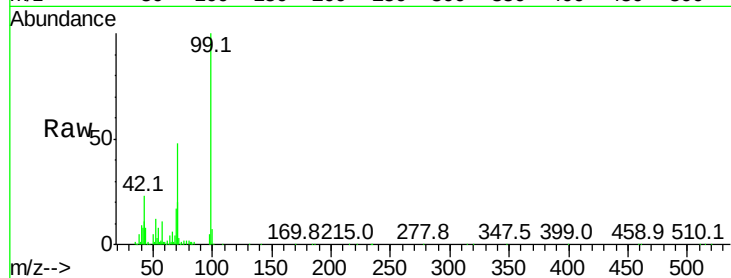
Tot Ion: 99 Resp: 174601

Ion Ratio Lower Upper

99 100

42 23.3 20.5 30.7

71 47.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

Tgt Ion: 136 Resp: 213236

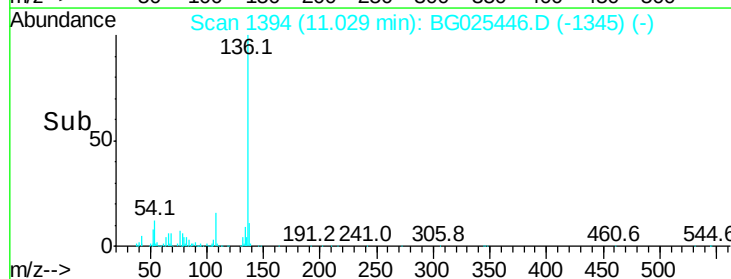
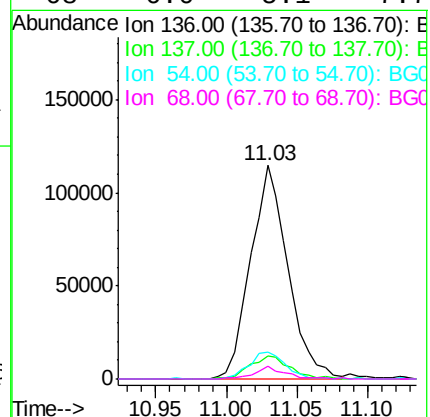
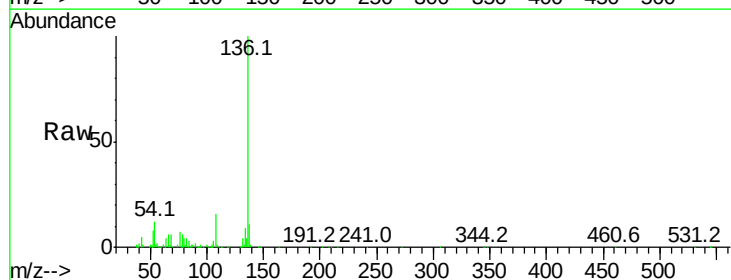
Ion Ratio Lower Upper

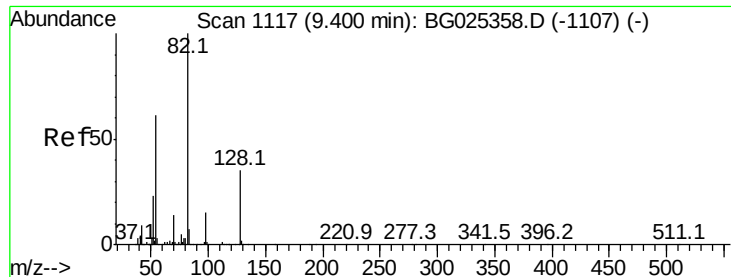
136 100

137 10.8 8.9 13.3

54 12.4 9.3 13.9

68 6.0 5.1 7.7

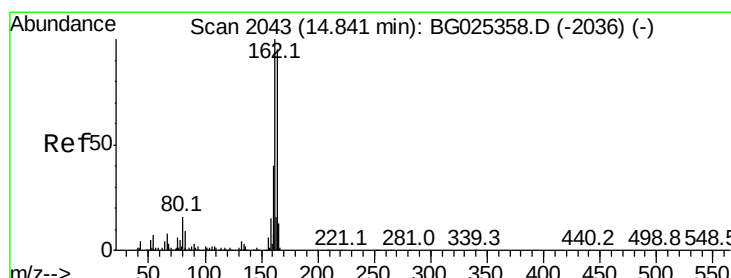
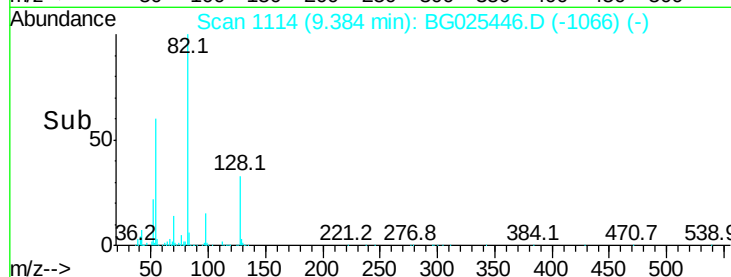
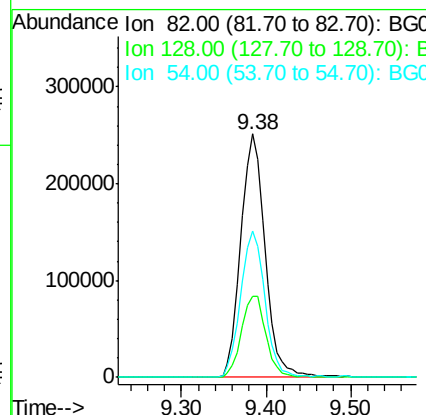
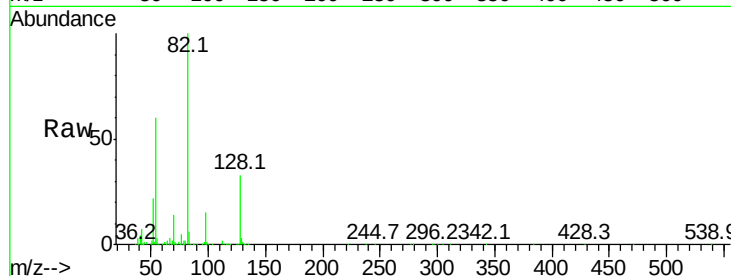




#23
Nitrobenzene-d5
Concen: 103.05 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

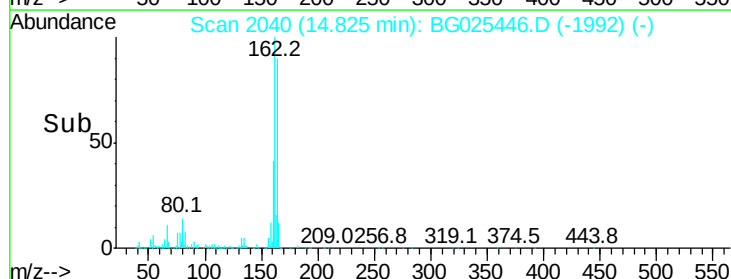
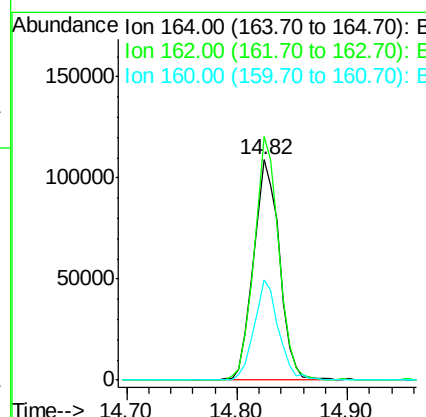
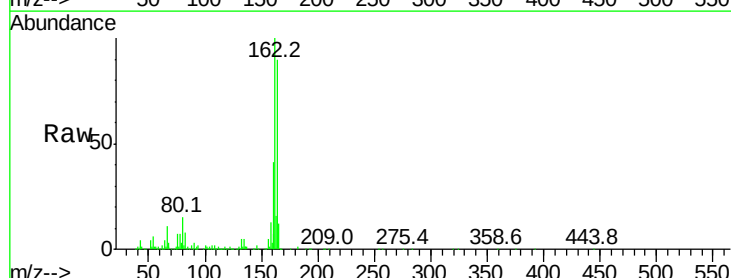
Instrument :
BNA_G
ClientSampleId :
PW-03

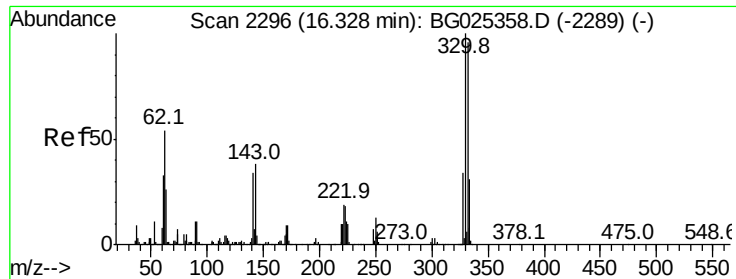
Tot Ion	82	Resp	497394
Ion Ratio	Lower	Upper	
82	100		
128	33.0	26.4	39.6
54	59.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Tgt Ion	164	Resp	180480
Ion Ratio	Lower	Upper	
164	100		
162	110.6	85.1	127.7
160	45.8	34.7	52.1

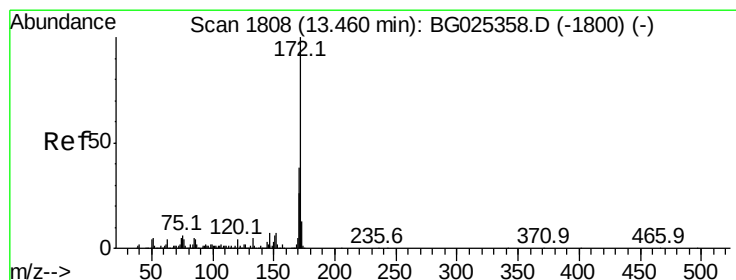
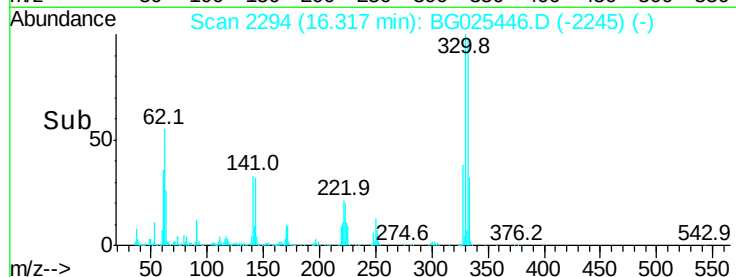
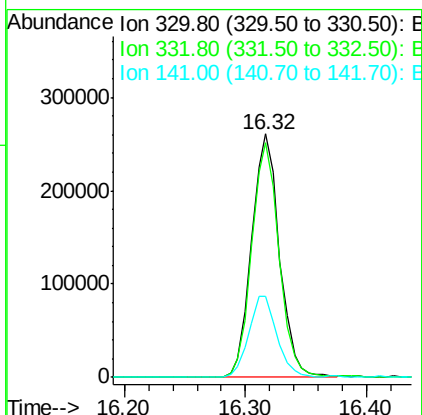
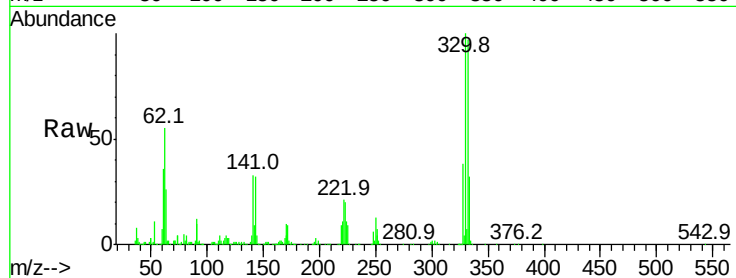




#41
2,4,6-Tribromophenol
Concen: 144.08 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

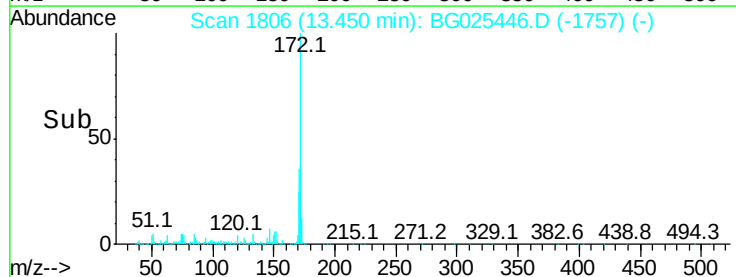
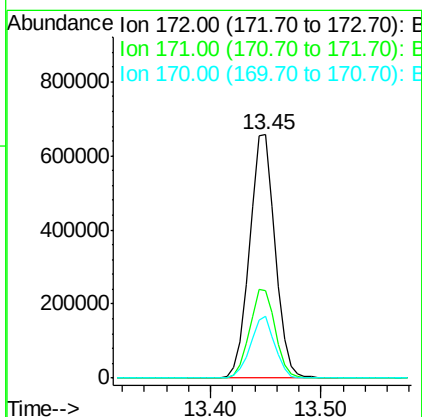
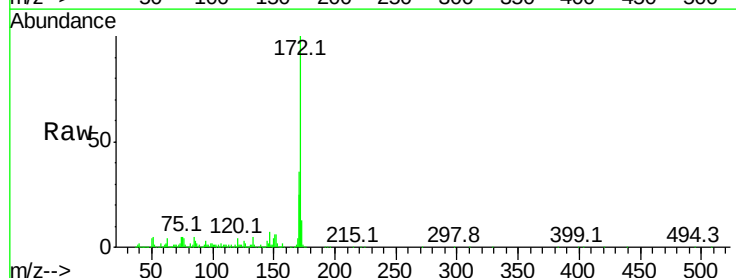
Instrument :
BNA_G
ClientSampleId :
PW-03

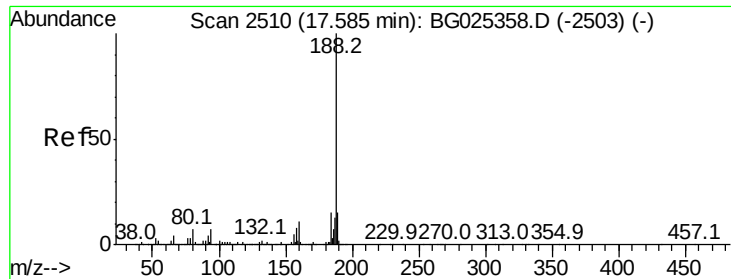
Tot Ion:330 Resp: 418651
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 33.7 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 96.00 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG025446.D
Acq: 10 Jan 2017 1:21

Tgt Ion:172 Resp: 1070161
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 25.4 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: BG025446.D

Acq: 10 Jan 2017 1:21

Instrument :

BNA_G

ClientSampleId :

PW-03

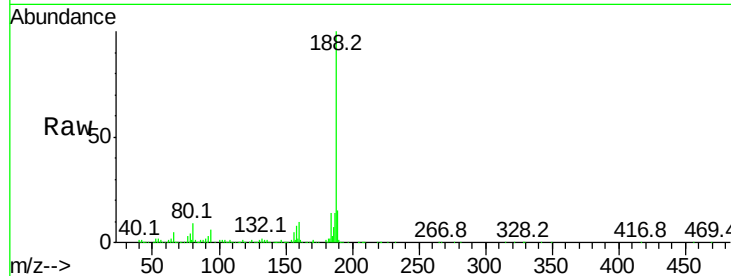
Tot Ion:188 Resp: 415431

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

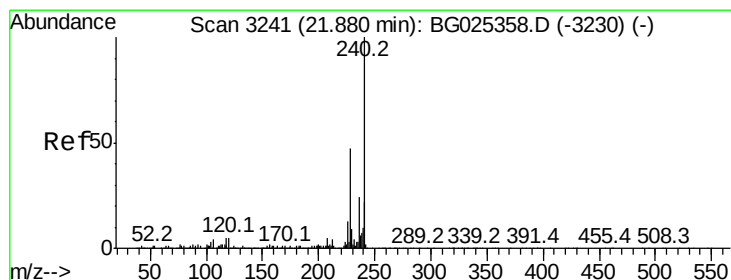
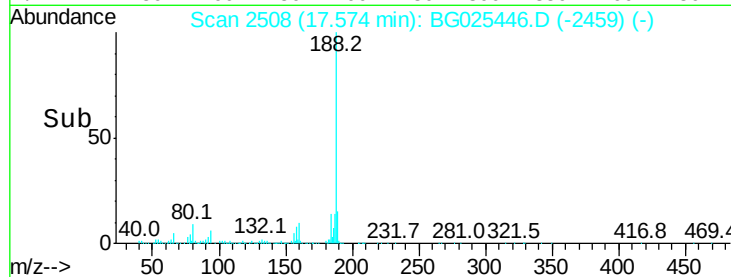
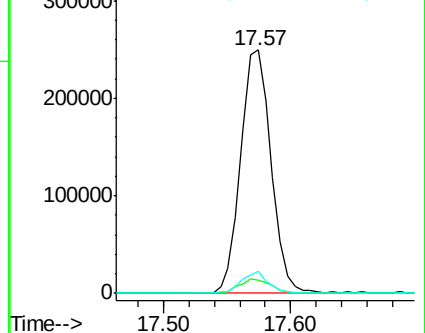
80 8.9 7.5 11.3



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. -0.02 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

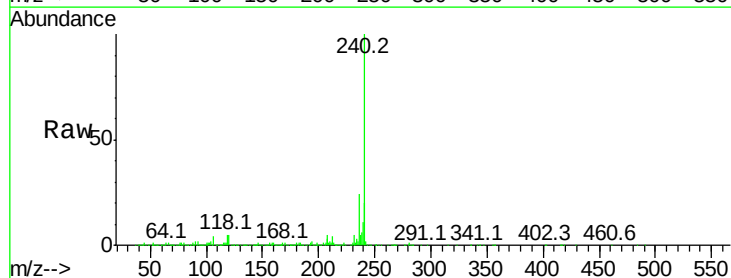
Tgt Ion:240 Resp: 631245

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

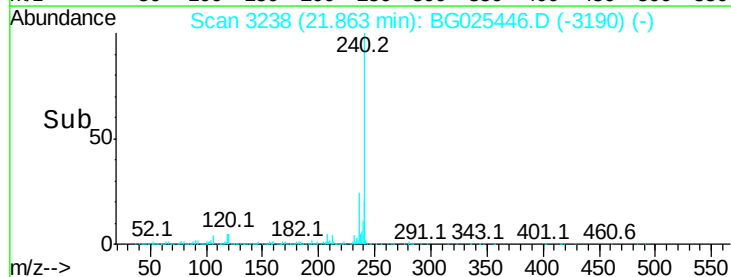
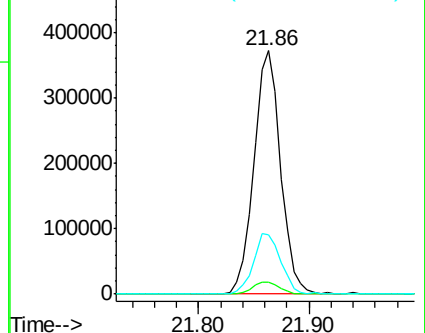
236 24.4 22.2 33.4

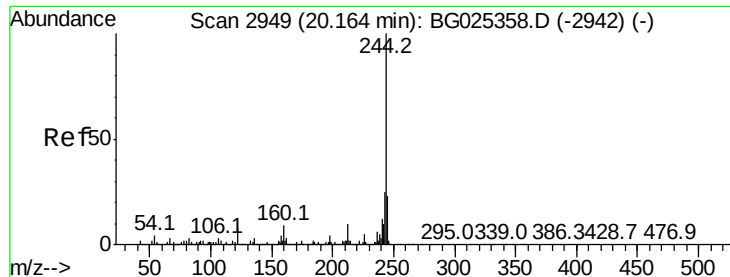


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.50 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

Instrument :

BNA_G

ClientSampleId :

PW-03

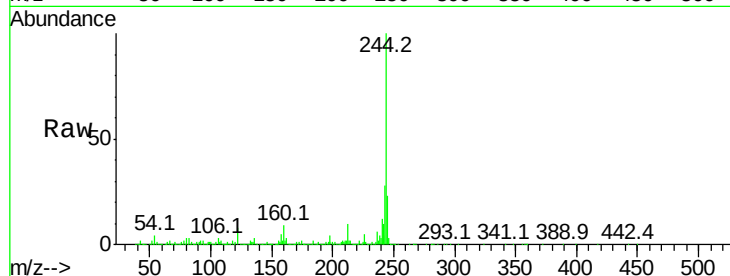
Tot Ion:244 Resp: 2154499

Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.0	15.0#
122	7.8	8.6	12.8#

244 100

212 9.9 10.0 15.0#

122 7.8 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

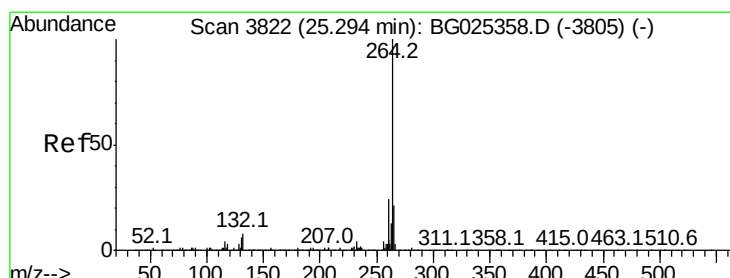
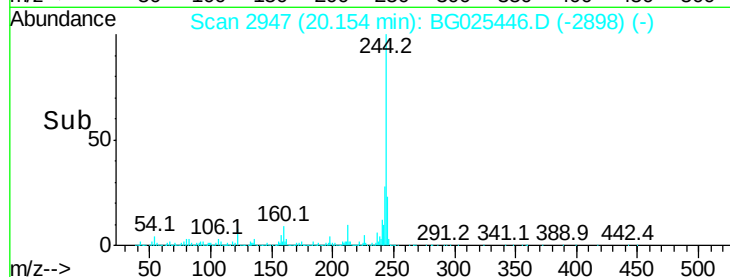
1000000

500000

0

Time-->

20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG025446.D

Acq: 10 Jan 2017 1:21

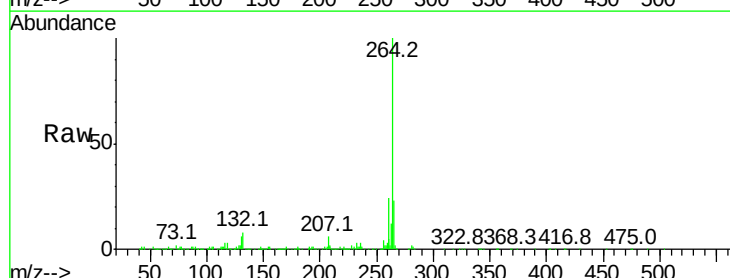
Tgt Ion:264 Resp: 655931

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.6	18.2	27.4

264 100

260 24.1 21.8 32.8

265 22.6 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

25.25

250000

200000

150000

100000

50000

0

Time-->

25.10 25.20 25.30 25.40

