

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025443.D
 Acq On : 9 Jan 2017 23:25
 Operator : UM/SJ
 Sample : I1055-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PW-04

Quant Time: Jan 10 00:28:10 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	52787	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	219144	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	180217	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	409634	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	611999	20.00	ng	-0.01
86) Perylene-d12	25.26	264	636670	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	206736	71.19	ng	0.00
7) Phenol-d6	7.36	99	186564	45.61	ng	-0.01
23) Nitrobenzene-d5	9.39	82	495455	99.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	426337	146.94	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1044728	93.85	ng	-0.01
78) Terphenyl-d14	20.15	244	2052809	88.94	ng	-0.02

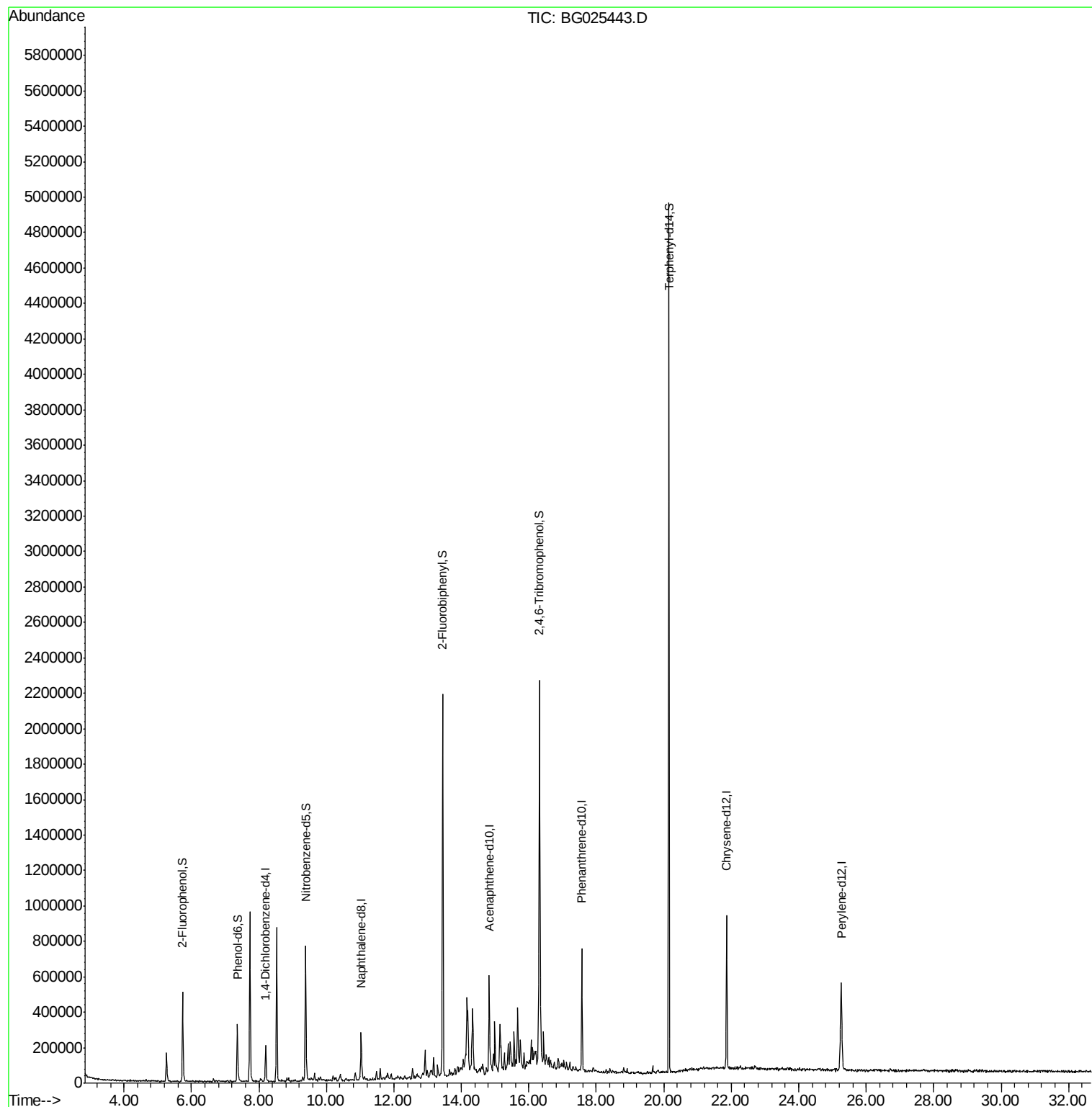
Target Compounds Qvalue

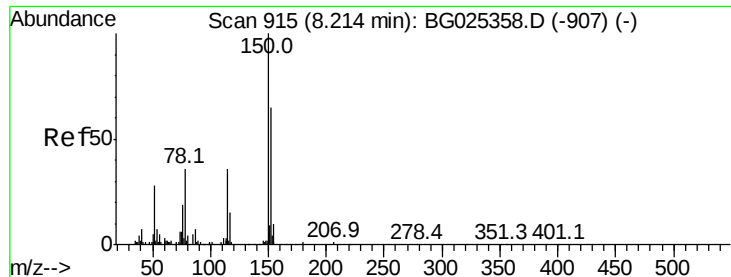
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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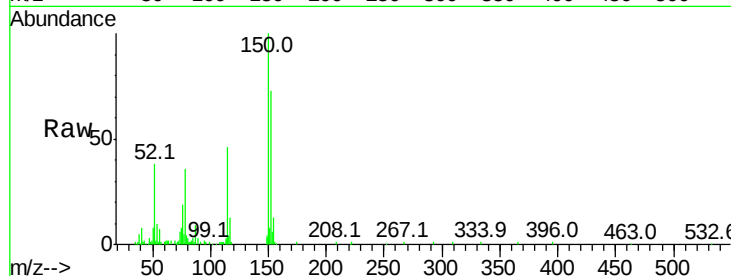


#1

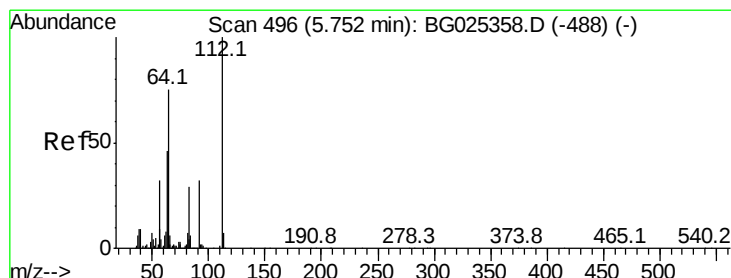
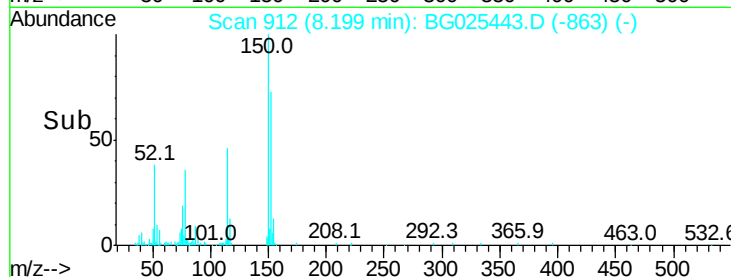
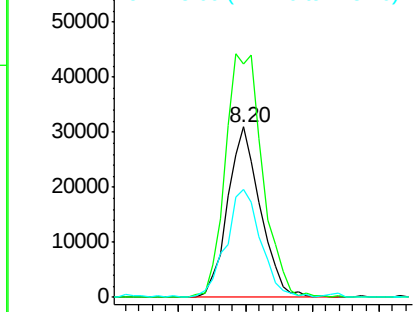
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG025443.D
Acq: 9 Jan 2017 23:25

Instrument :
BNA_G
ClientSampleId :
PW-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.0	114.0	171.0
115	63.6	48.1	72.1



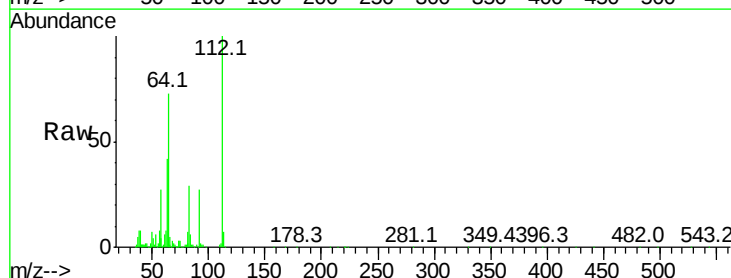
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



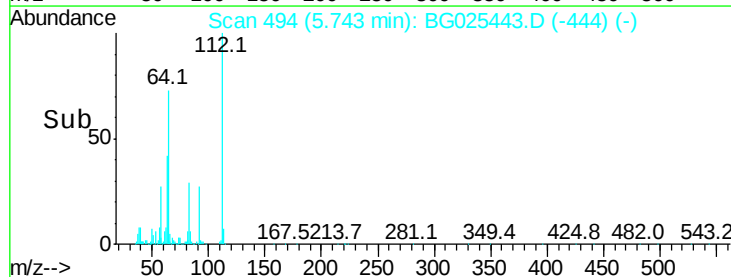
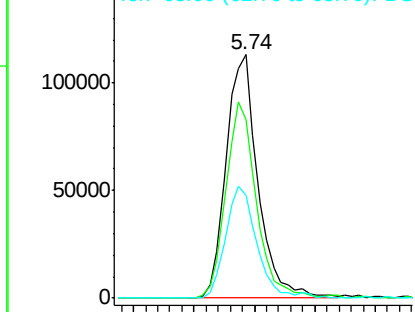
#5

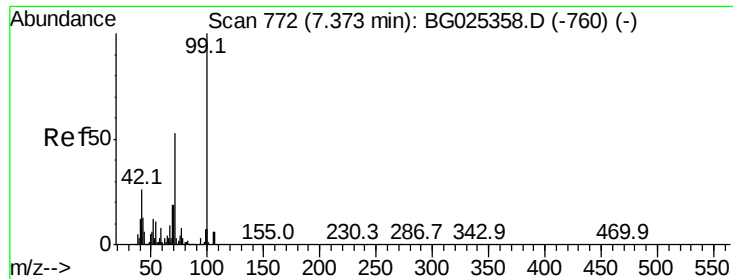
2-Fluorophenol
Concen: 71.19 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025443.D
Acq: 9 Jan 2017 23:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	61.8	92.6
63	42.3	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: 45.61 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

Instrument :

BNA_G

ClientSampleId :

PW-04

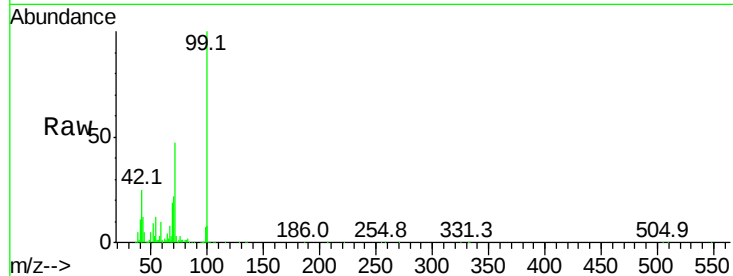
Tot Ion: 99 Resp: 186564

Ion Ratio Lower Upper

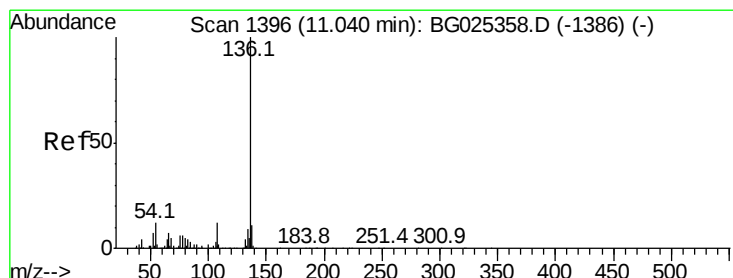
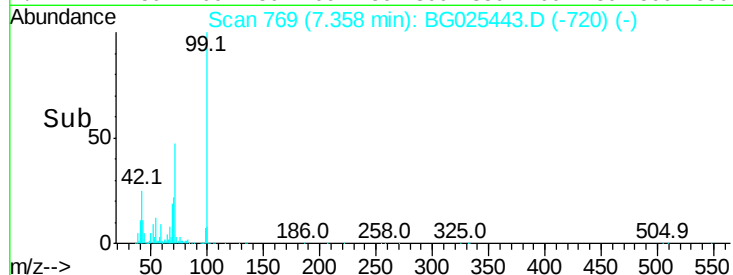
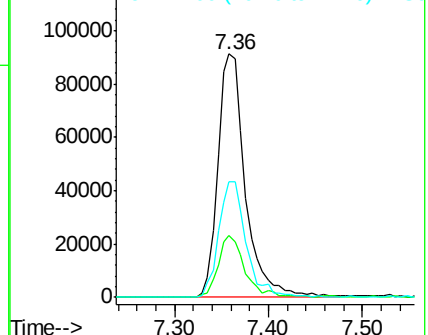
99 100

42 25.5 20.5 30.7

71 47.3 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: BG025443.D

Acq: 9 Jan 2017 23:25

Tgt Ion: 136 Resp: 219144

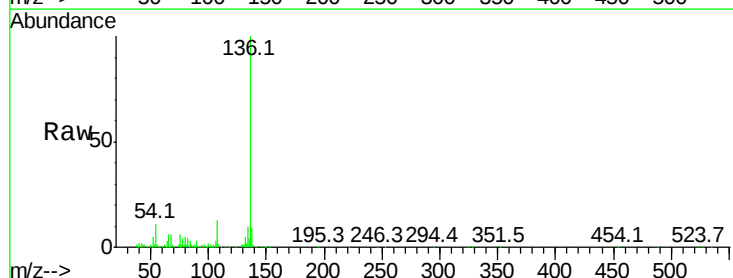
Ion Ratio Lower Upper

136 100

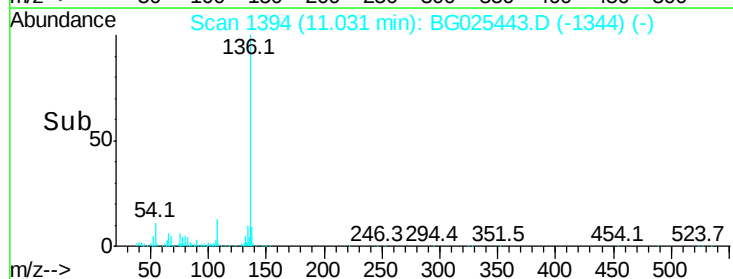
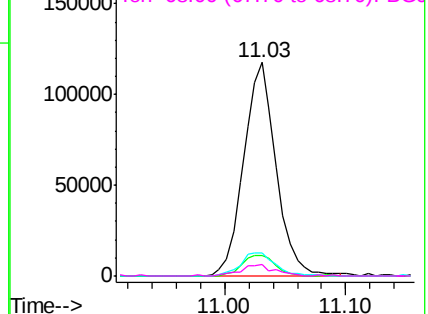
137 9.4 8.9 13.3

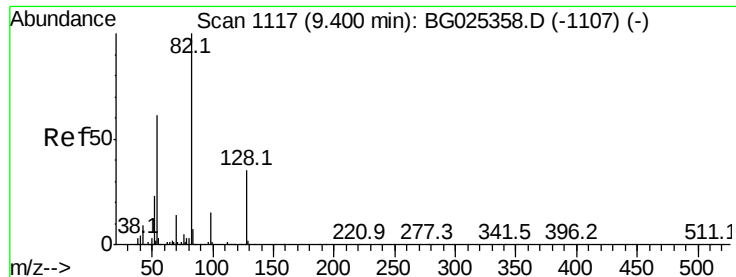
54 10.7 9.3 13.9

68 5.6 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: 99.88 ng

RT: 9.39 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

Instrument :

BNA_G

ClientSampleId :

PW-04

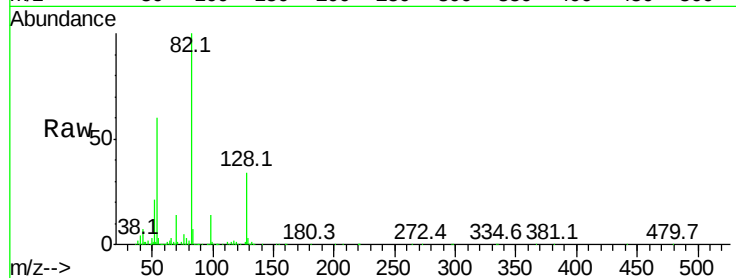
Tot Ion: 82 Resp: 495455

Ion Ratio Lower Upper

82 100

128 34.0 26.4 39.6

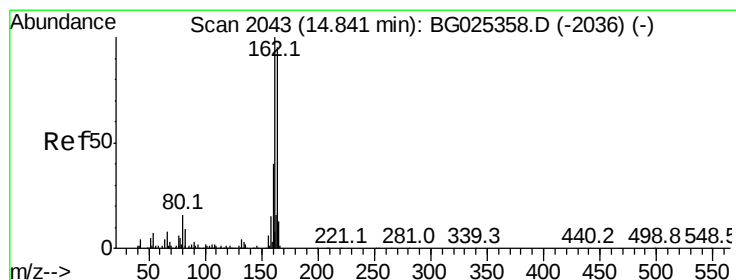
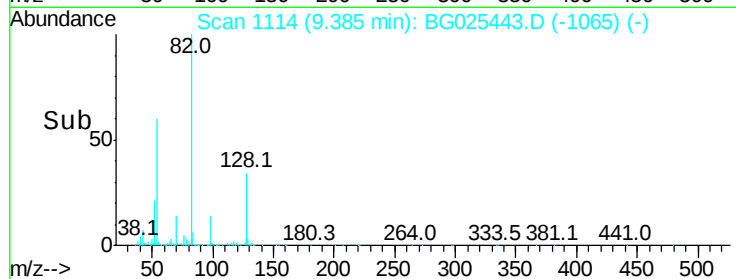
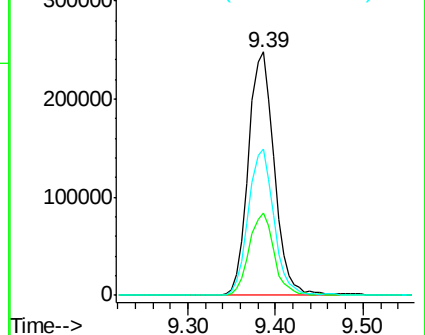
54 60.0 49.4 74.2



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# 2040

Delta R.T. -0.01 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

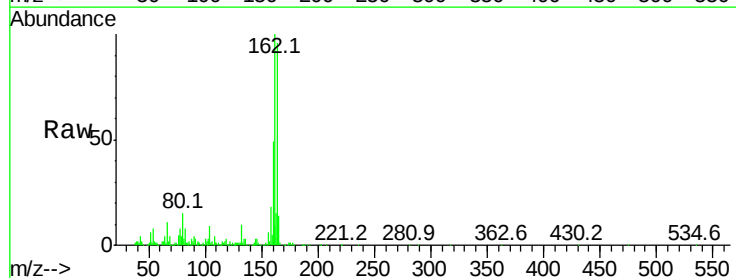
Tgt Ion: 164 Resp: 180217

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

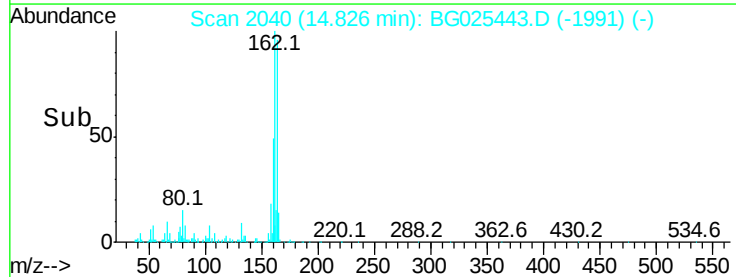
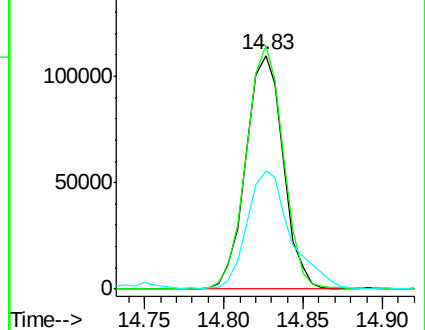
160 50.8 34.7 52.1



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

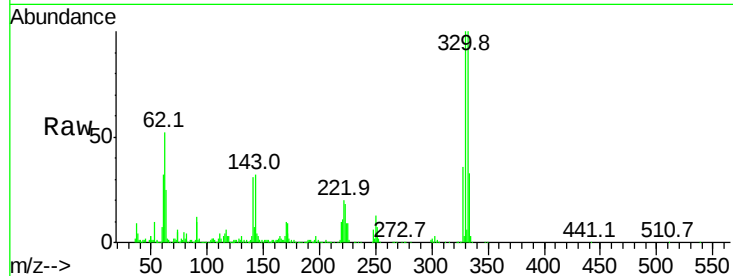




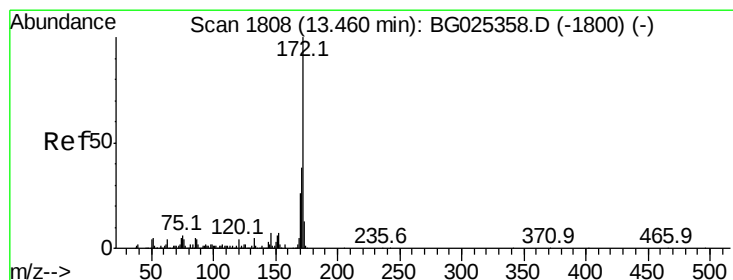
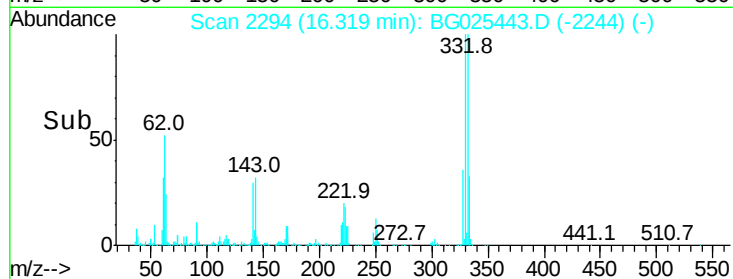
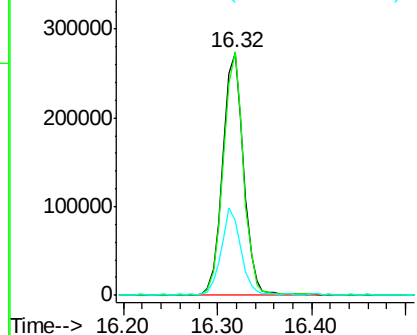
#41
 2,4,6-Tribromophenol
 Concen: 146.94 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025443.D
 Acq: 9 Jan 2017 23:25

Instrument :
 BNA_G
 ClientSampleId :
 PW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.4	32.1	48.1

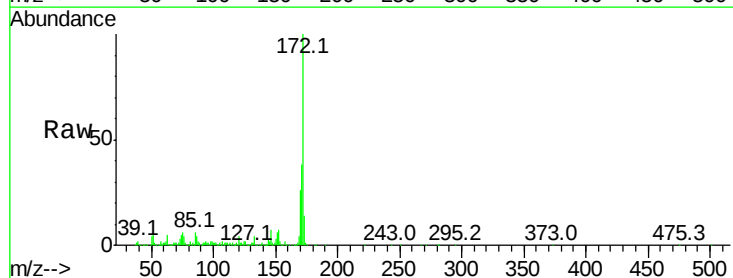


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

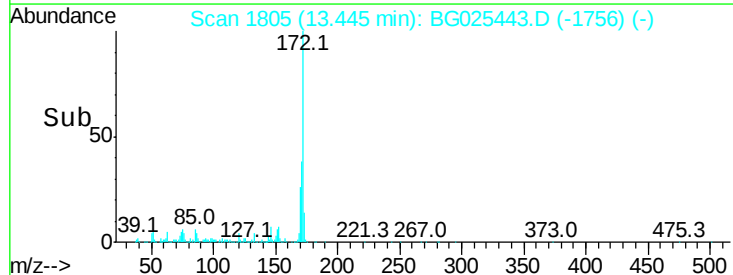
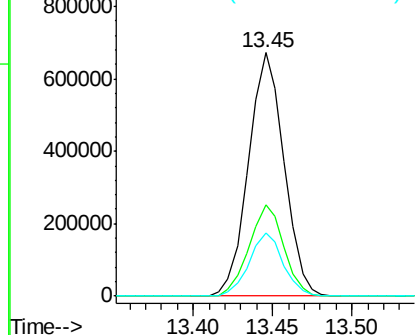


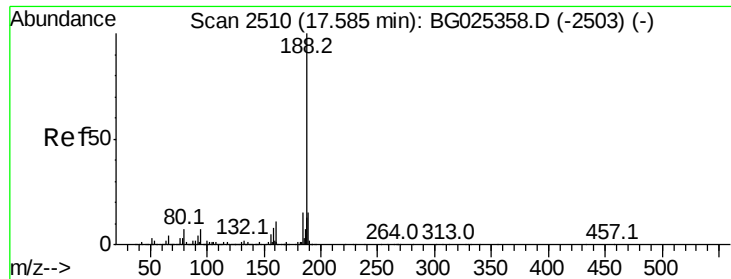
#44
 2-Fluorobiphenyl
 Concen: 93.85 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG025443.D
 Acq: 9 Jan 2017 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.7	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# 2507

Delta R.T. -0.02 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

Instrument :

BNA_G

ClientSampleId :

PW-04

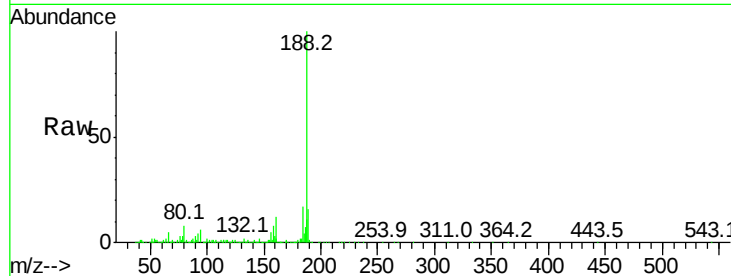
Tot Ion:188 Resp: 409634

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

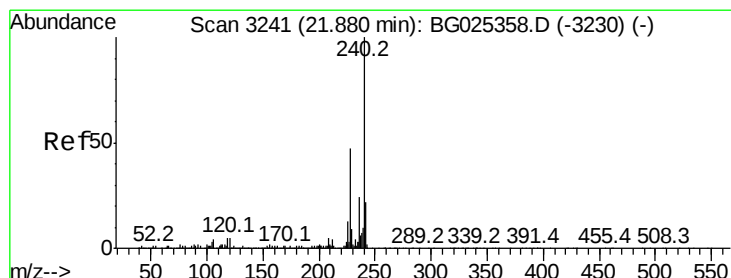
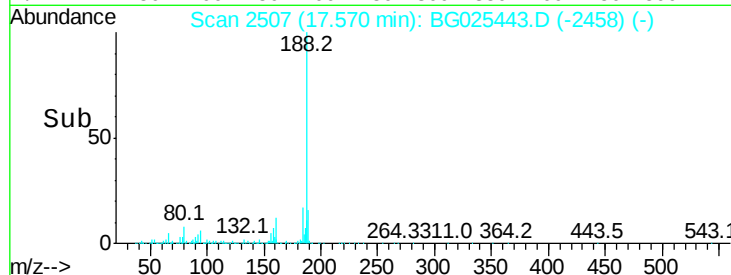
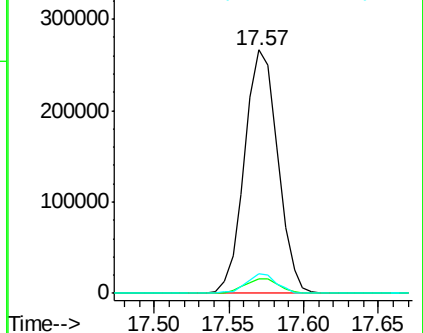
80 8.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.01 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

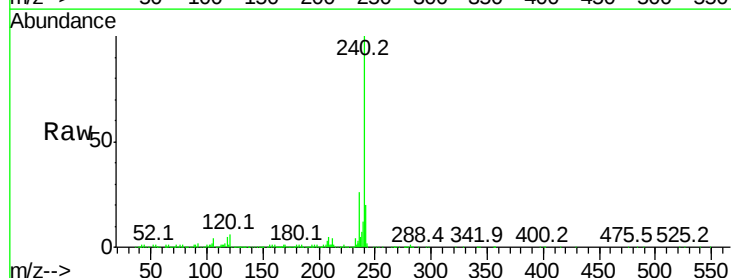
Tgt Ion:240 Resp: 611999

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

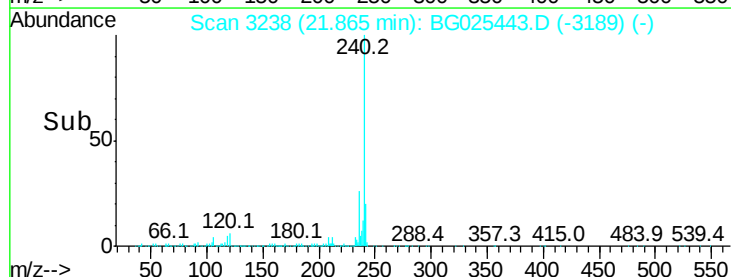
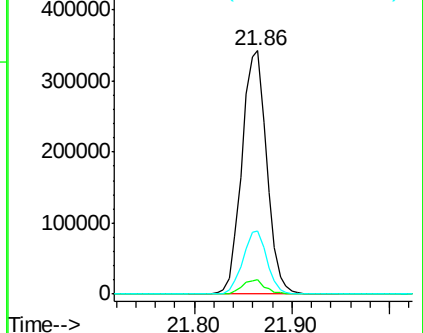
236 25.7 22.2 33.4

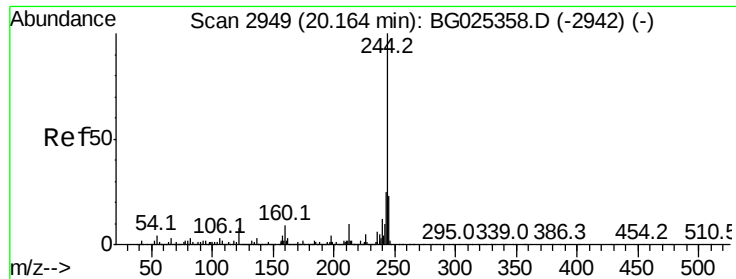


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.94 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.02 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

Instrument :

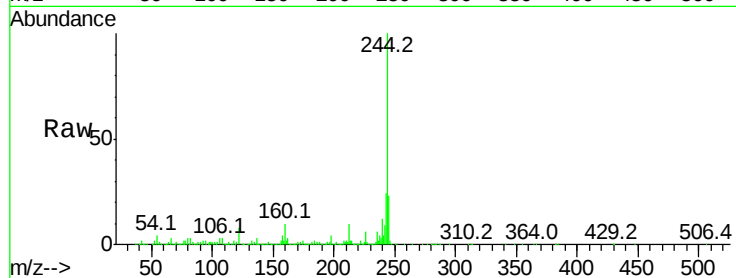
BNA_G

ClientSampleId :

PW-04

Tot Ion:244 Resp: 2052809

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

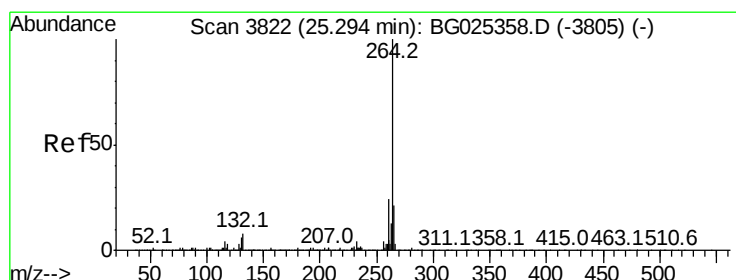
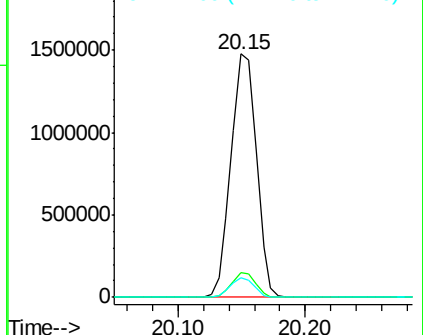
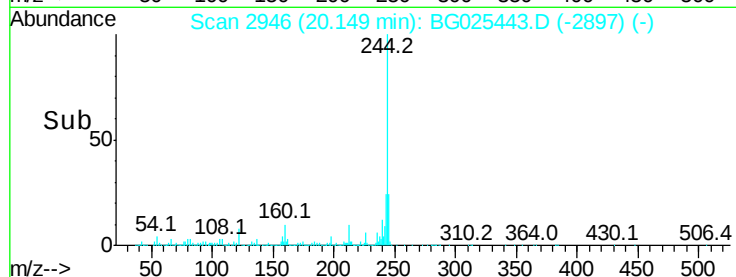


Abundance

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

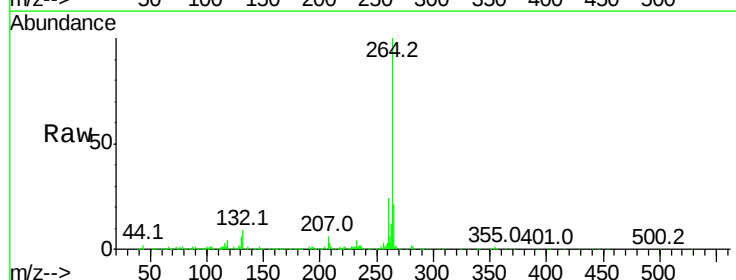
Delta R.T. -0.03 min

Lab File: BG025443.D

Acq: 9 Jan 2017 23:25

Tgt Ion:264 Resp: 636670

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	20.8	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

