

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025572.D
 Acq On : 21 Jan 2017 14:04
 Operator : UM/SJ
 Sample : PB96174BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96174BL

Quant Time: Jan 23 02:37:16 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	8.17	152	67713	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	291715	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	233646	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	514070	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	659755	20.00	ng	-0.02
86) Perylene-d12	25.23	264	706754	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	628251	168.65	ng	-0.02
7) Phenol-d6	7.34	99	911783	173.79	ng	-0.02
23) Nitrobenzene-d5	9.36	82	665273	100.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	527162	140.14	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1397389	96.83	ng	-0.02
78) Terphenyl-d14	20.14	244	2352878	94.56	ng	-0.02

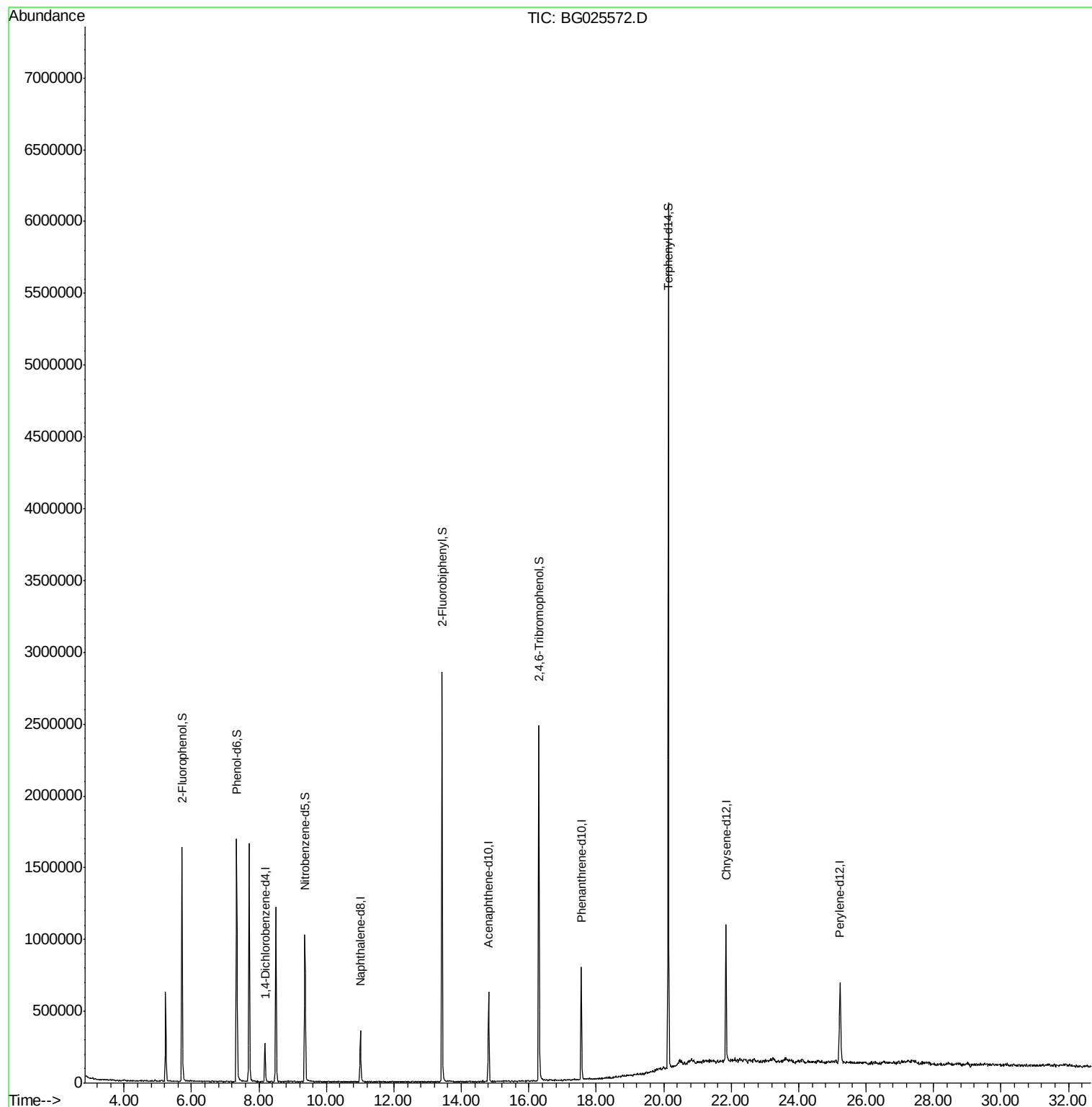
Target Compounds Qvalue

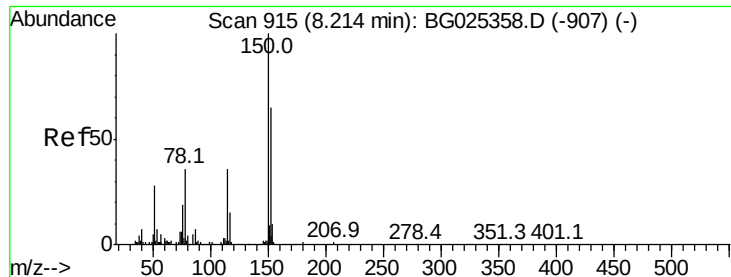
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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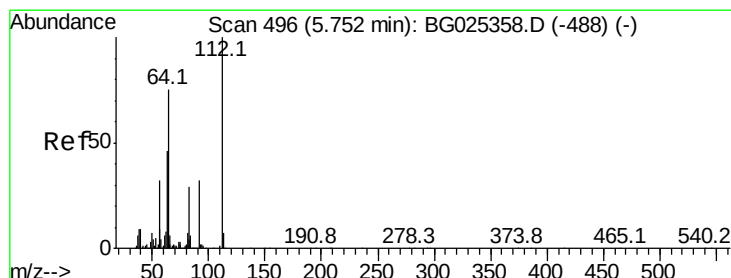
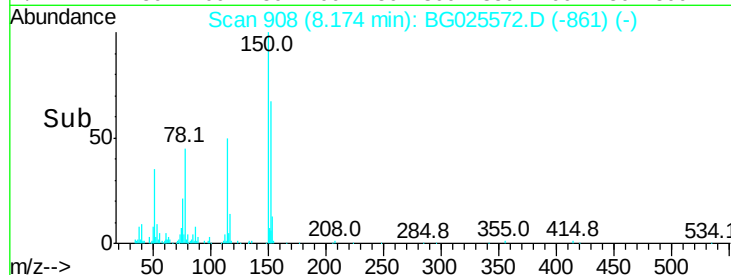
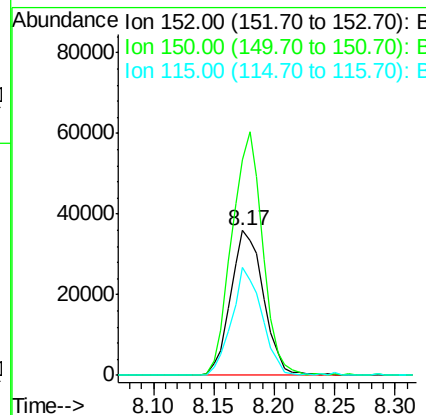
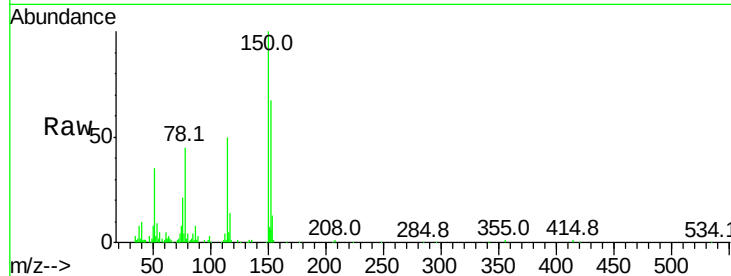


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Instrument :
BNA_G
ClientSampleId :
PB96174BL

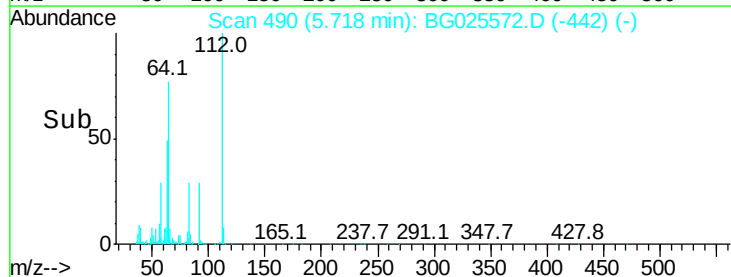
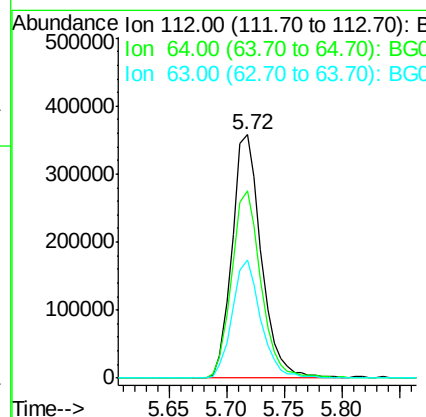
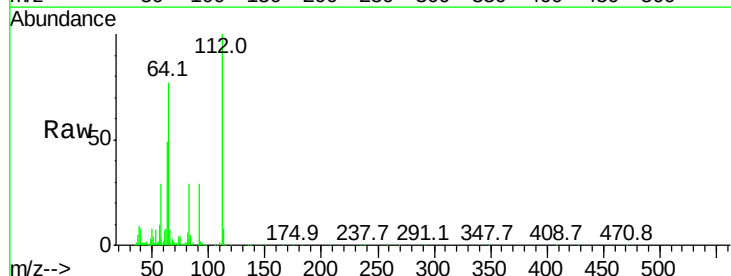
Tot Ion:152 Resp: 67713
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 74.7 48.1 72.1#

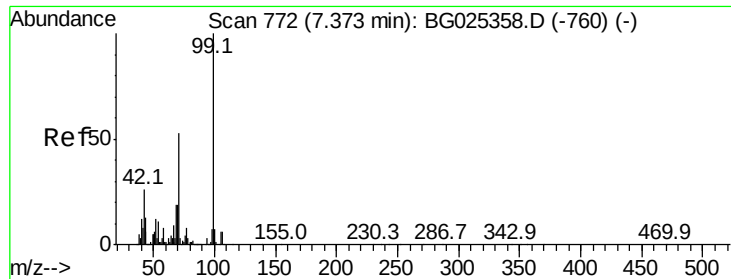


#5

2-Fluorophenol
Concen: 168.65 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Tgt Ion:112 Resp: 628251
Ion Ratio Lower Upper
112 100
64 76.9 61.8 92.6
63 48.7 37.2 55.8





#7

Phenol-d6

Concen: 173.79 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

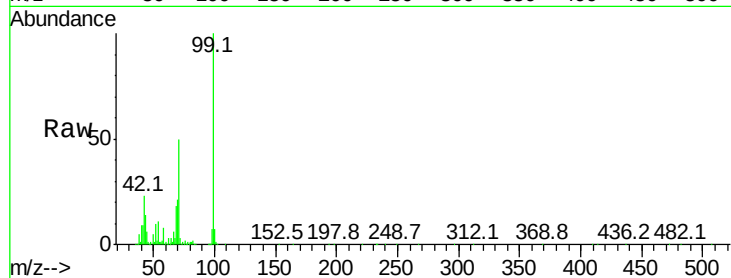
Tot Ion: 99 Resp: 911783

Ion Ratio Lower Upper

99 100

42 22.7 20.5 30.7

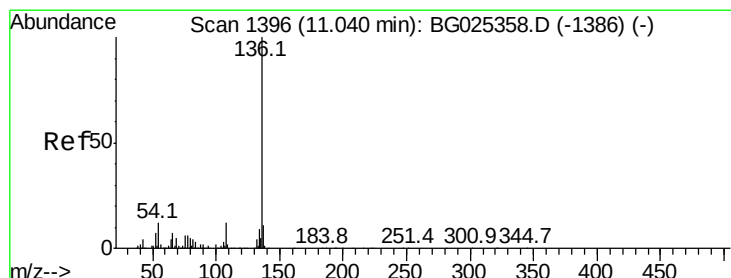
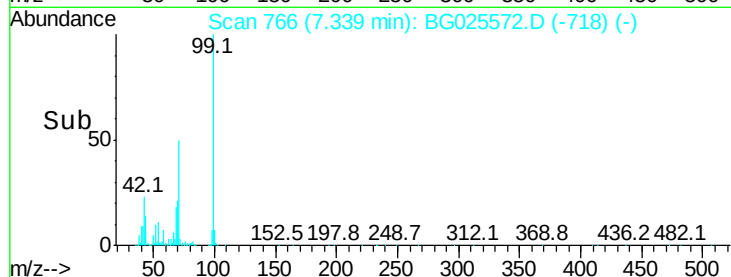
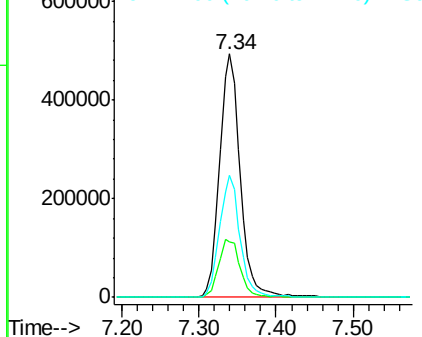
71 50.0 37.6 56.4



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: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Tgt Ion: 136 Resp: 291715

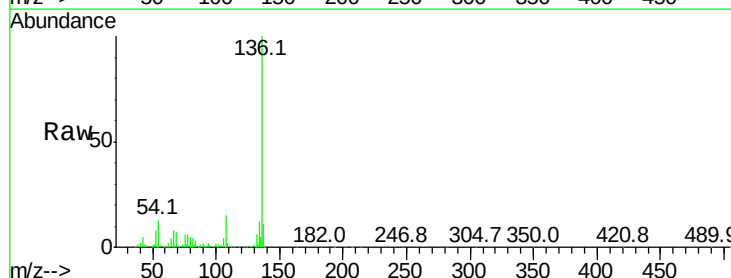
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 12.9 9.3 13.9

68 7.4 5.1 7.7

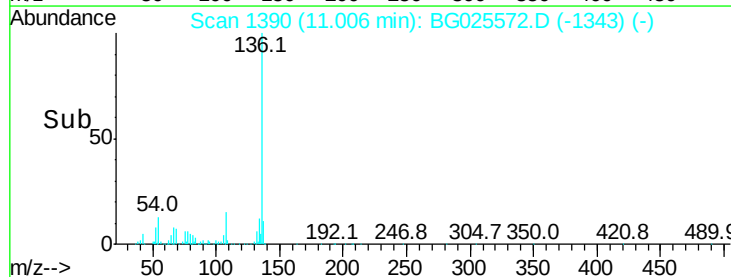
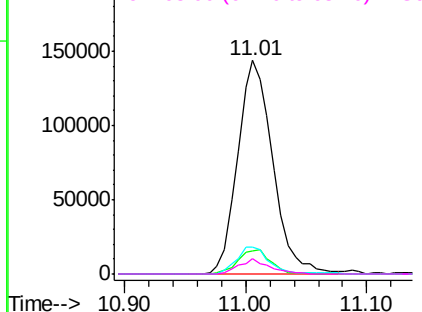


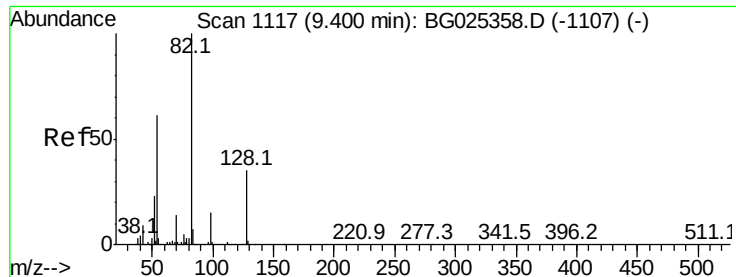
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

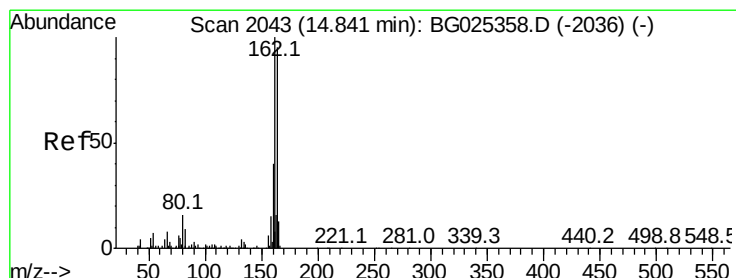
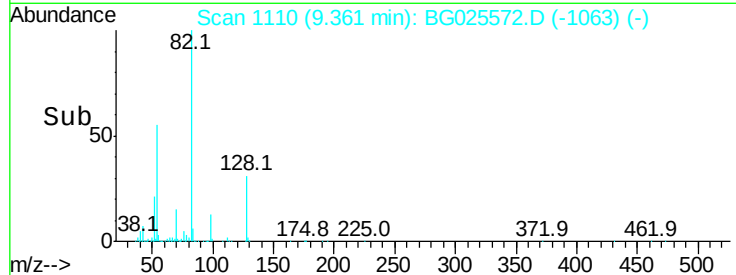
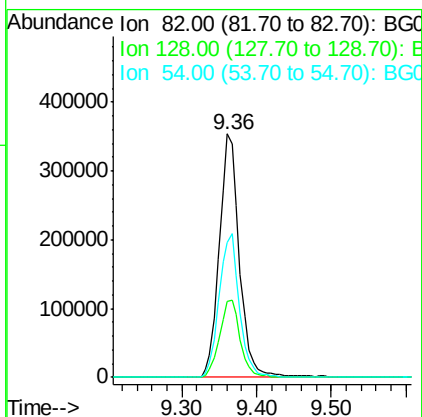
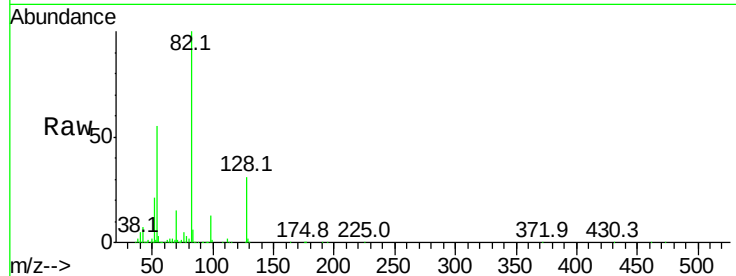




#23
 Nitrobenzene-d5
 Concen: 100.75 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025572.D
 Acq: 21 Jan 2017 14:04

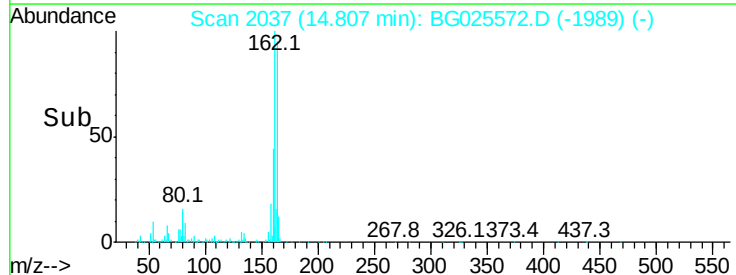
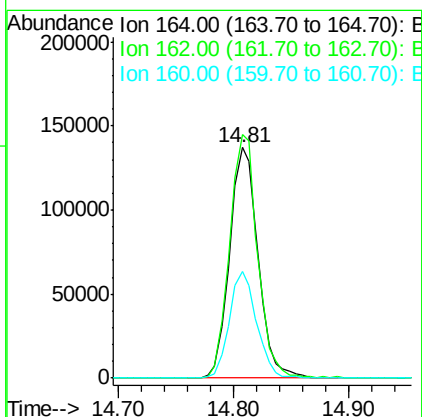
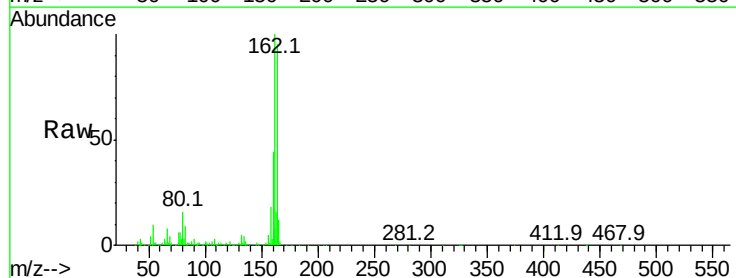
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BL

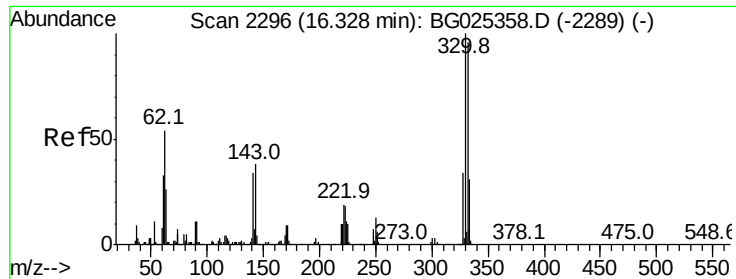
Tot Ion	82	Resp	665273
Ion Ratio	Lower	Upper	
82	100		
128	31.1	26.4	39.6
54	55.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025572.D
 Acq: 21 Jan 2017 14:04

Tgt Ion	164	Resp	233646
Ion Ratio	Lower	Upper	
164	100		
162	105.7	85.1	127.7
160	46.5	34.7	52.1

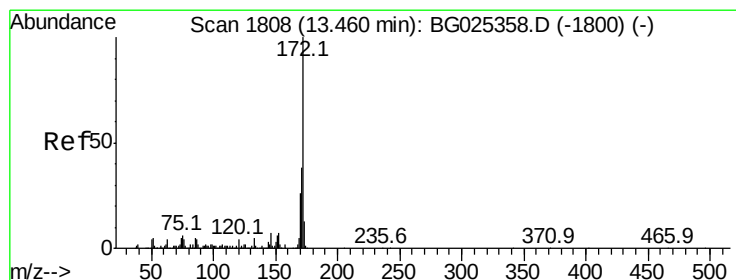
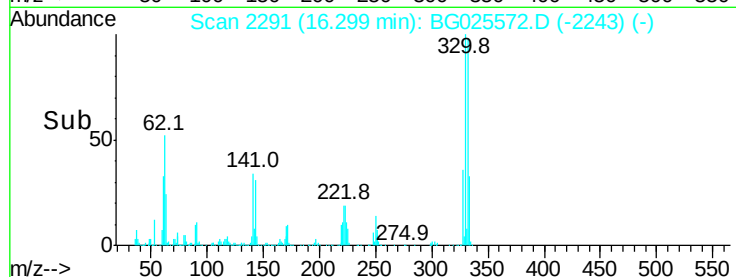
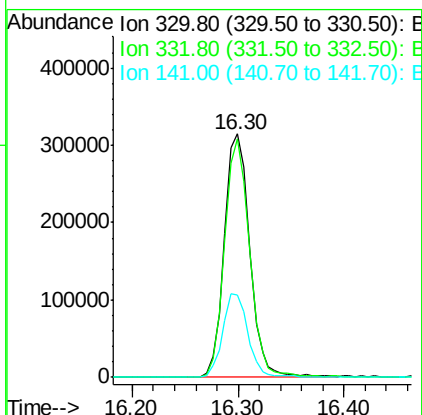
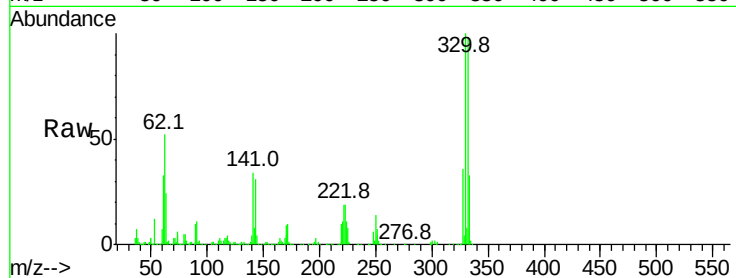




#41
 2,4,6-Tribromophenol
 Concen: 140.14 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025572.D
 Acq: 21 Jan 2017 14:04

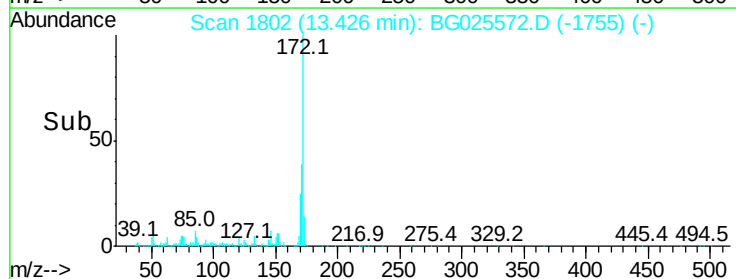
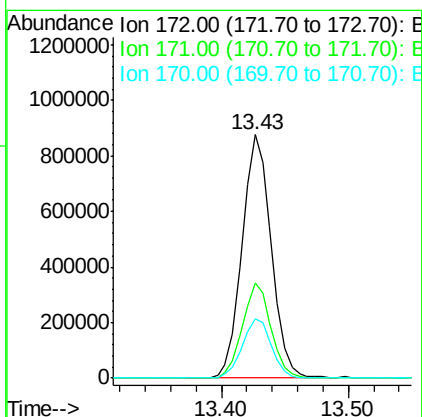
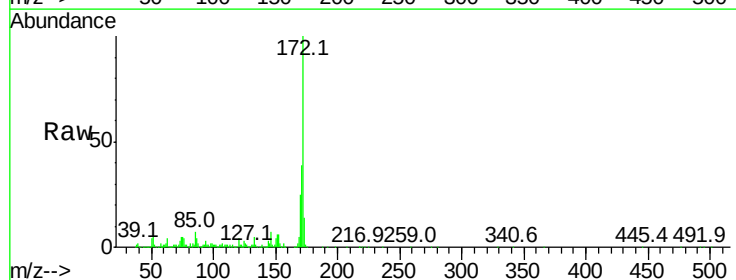
Instrument :
 BNA_G
 ClientSampleId :
 PB96174BL

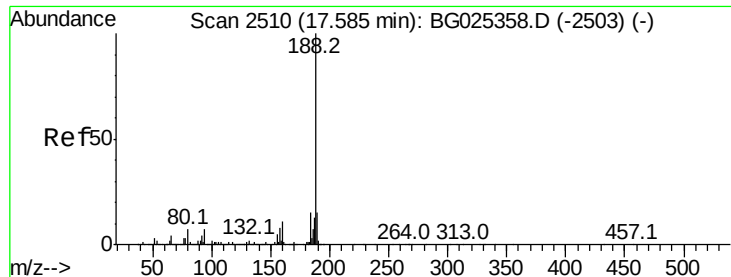
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	34.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 96.83 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025572.D
 Acq: 21 Jan 2017 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	24.5	21.8	32.6

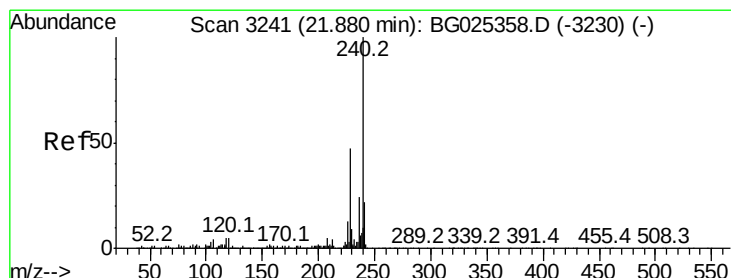
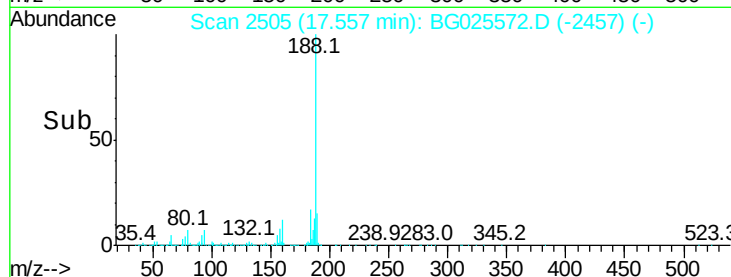
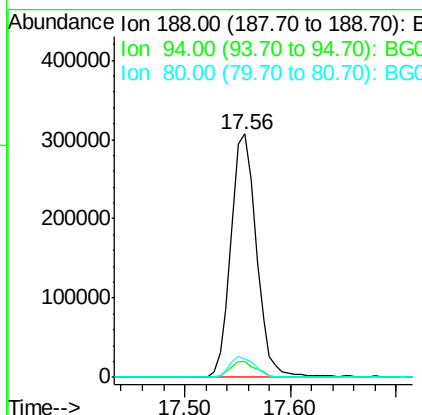
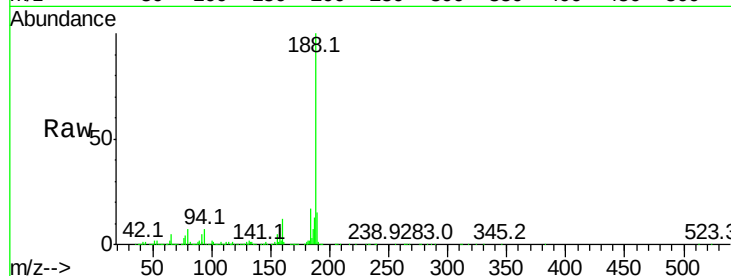




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

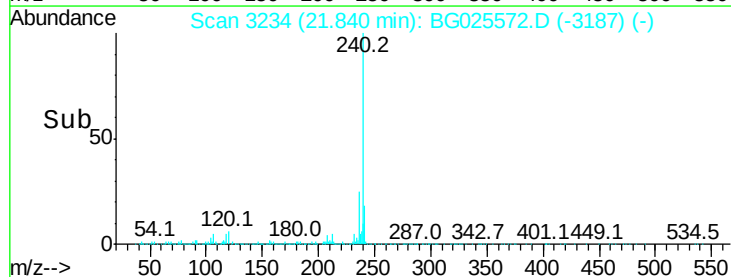
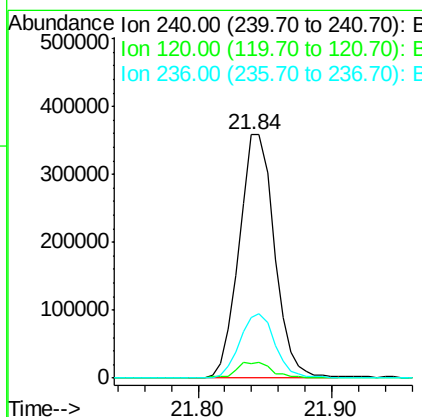
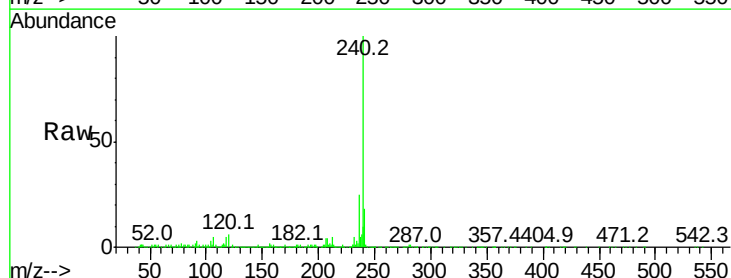
Instrument :
BNA_G
ClientSampleId :
PB96174BL

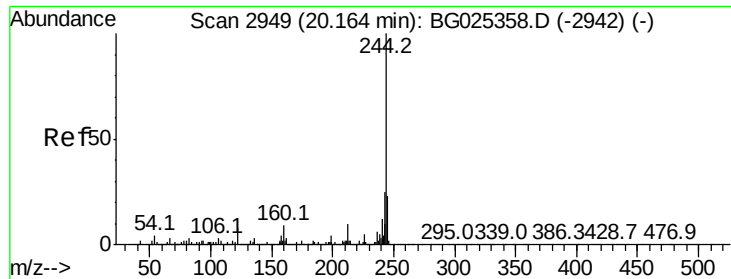
Tot Ion:188 Resp: 514070
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 7.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Tgt Ion:240 Resp: 659755
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 24.6 22.2 33.4





#78

Terphenyl-d14

Concen: 94.56 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

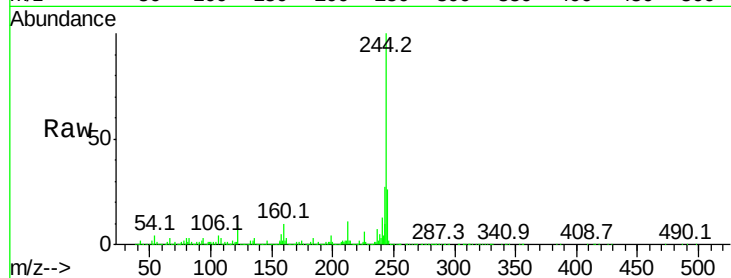
Tot Ion:244 Resp: 2352878

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

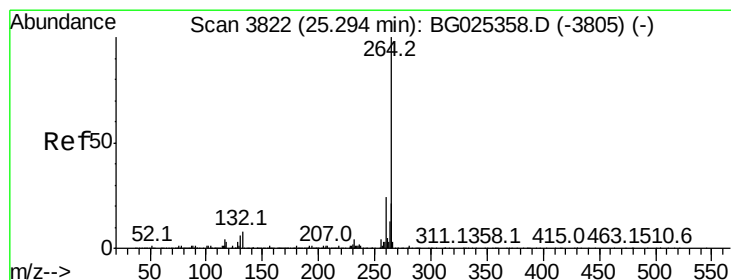
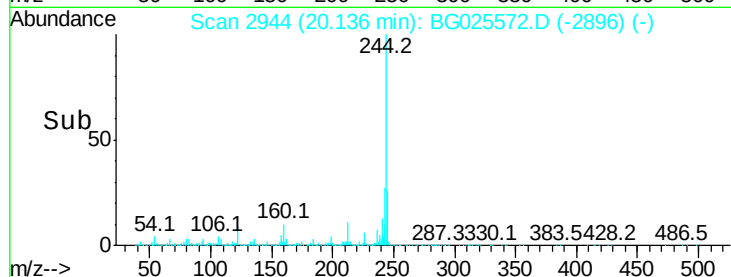
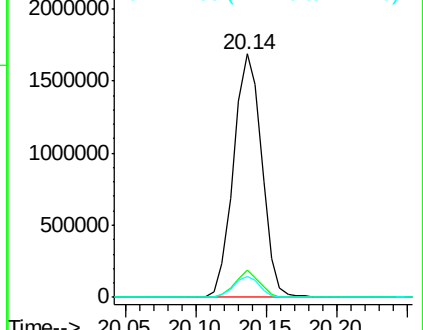
122 8.8 8.6 12.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. -0.03 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

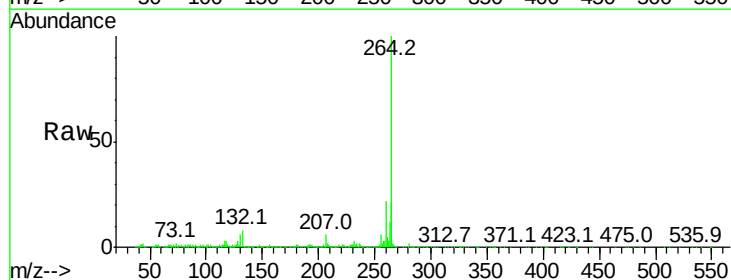
Tgt Ion:264 Resp: 706754

Ion Ratio Lower Upper

264 100

260 21.8 21.8 32.8#

265 21.3 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

