

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032696.D
 Acq On : 15 Feb 2018 00:32
 Operator : SJ/JU
 Sample : PB106539BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106539BL

Quant Time: Feb 15 04:46:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	24543	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	100905	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	60947	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	166810	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	212722	20.00	ng	-0.02
86) Perylene-d12	25.99	264	336138	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	86841	70.99	ng	-0.01
7) Phenol-d6	7.78	99	111701	66.78	ng	-0.02
23) Nitrobenzene-d5	9.85	82	109026	68.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	94461	100.66	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	338702	69.50	ng	-0.01
78) Terphenyl-d14	20.57	244	713494	76.45	ng	-0.01

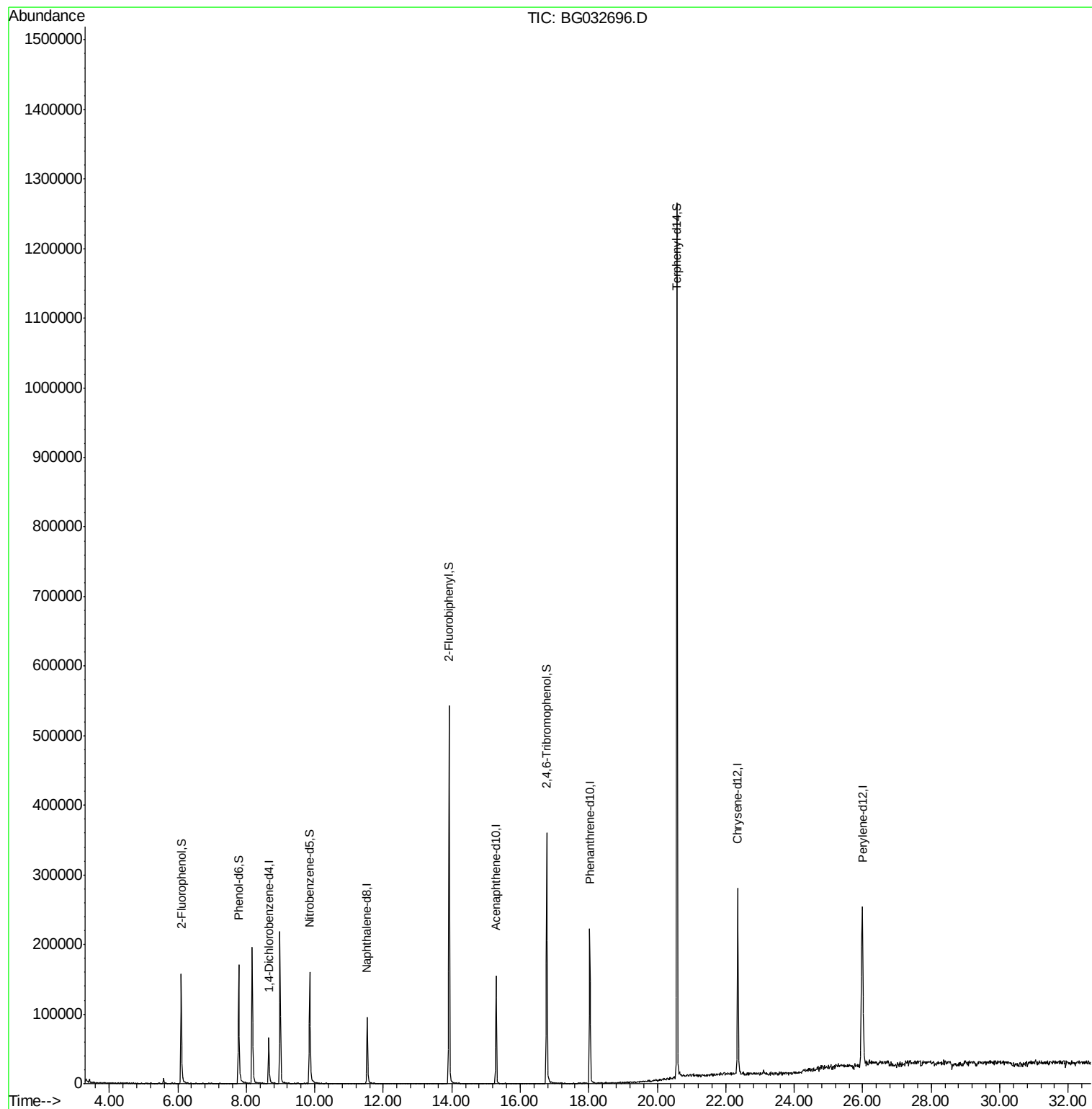
Target Compounds Qvalue

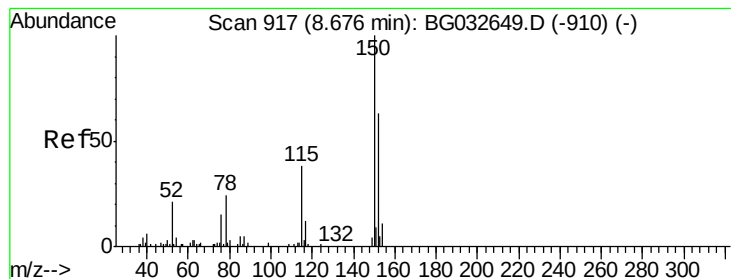
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG032696.D

Acq: 15 Feb 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB106539BL

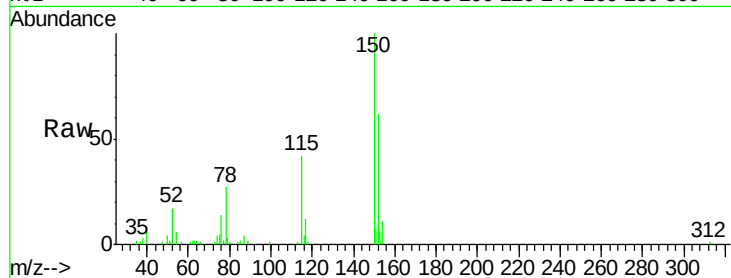
Tot Ion:152 Resp: 24543

Ion Ratio Lower Upper

152 100

150 160.3 126.6 189.8

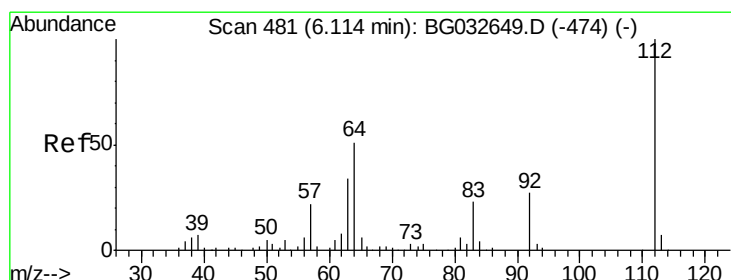
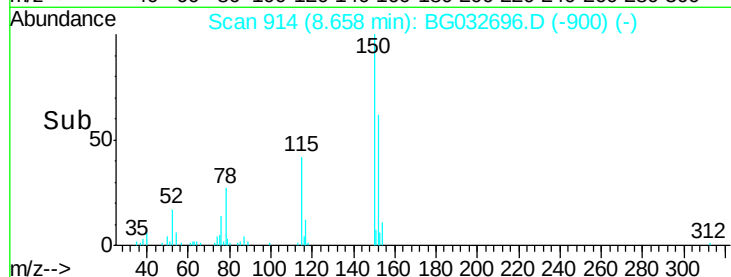
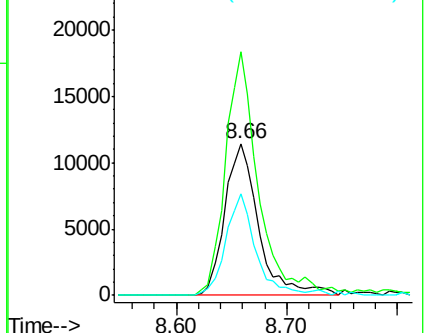
115 66.5 53.0 79.4



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: 70.991 ng

RT: 6.10 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG032696.D

Acq: 15 Feb 2018 00:32

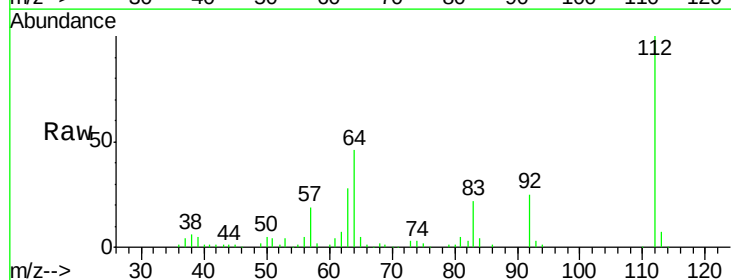
Tgt Ion:112 Resp: 86841

Ion Ratio Lower Upper

112 100

64 45.7 56.3 84.5#

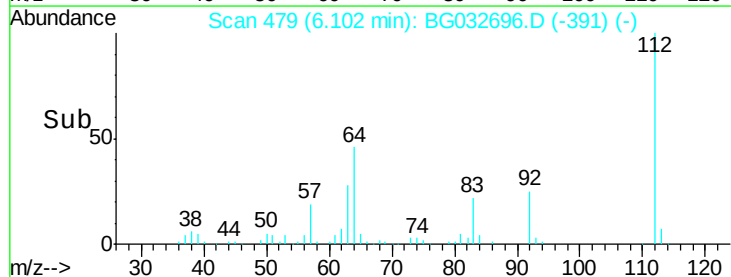
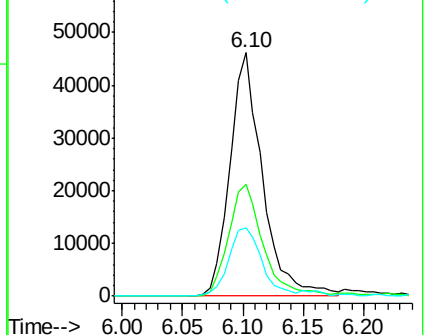
63 27.9 30.1 45.1#

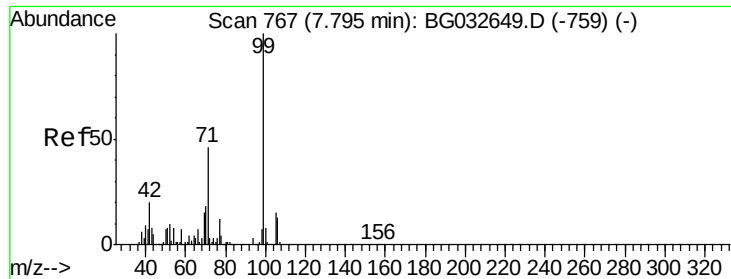


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 66.779 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032696.D

Acq: 15 Feb 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB106539BL

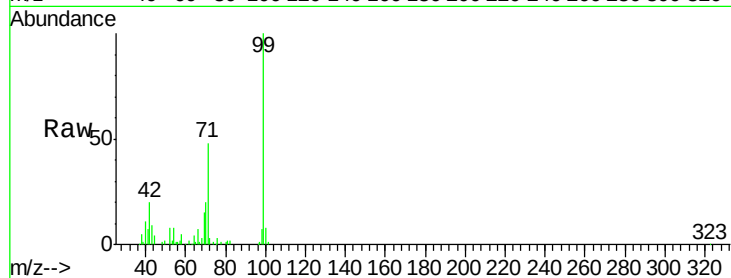
Tot Ion: 99 Resp: 111701

Ion Ratio Lower Upper

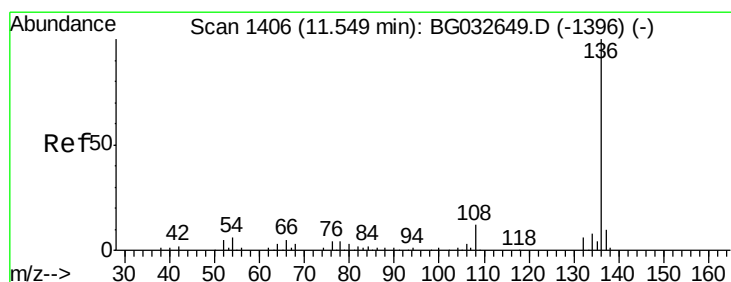
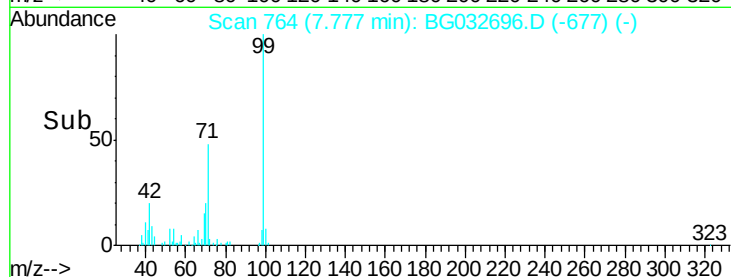
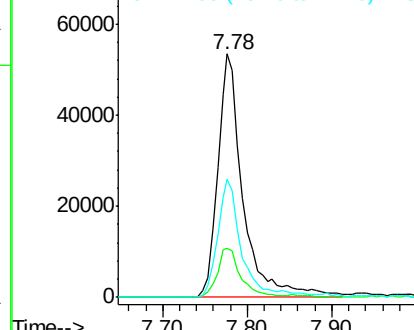
99 100

42 20.3 14.1 21.1

71 48.4 26.1 39.1#



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: 20.000 ng

RT: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032696.D

Acq: 15 Feb 2018 00:32

Tgt Ion: 136 Resp: 100905

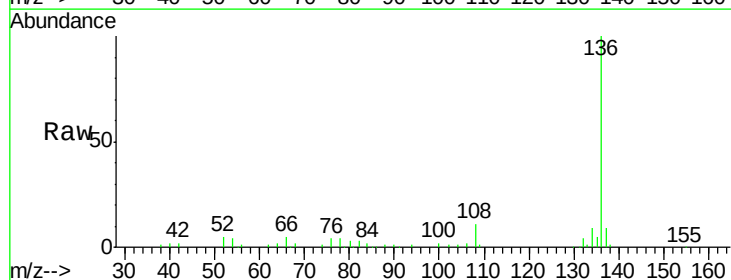
Ion Ratio Lower Upper

136 100

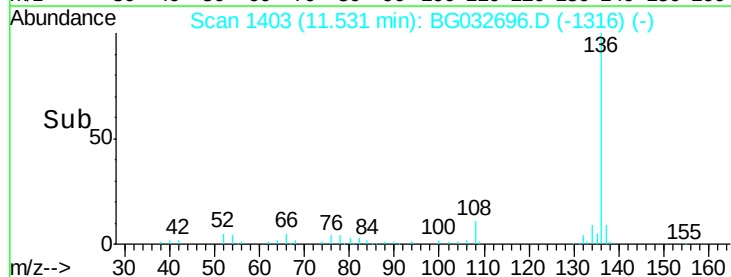
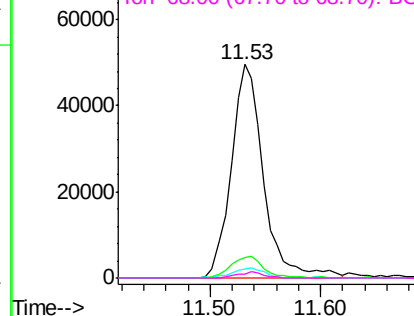
137 9.4 9.2 13.8

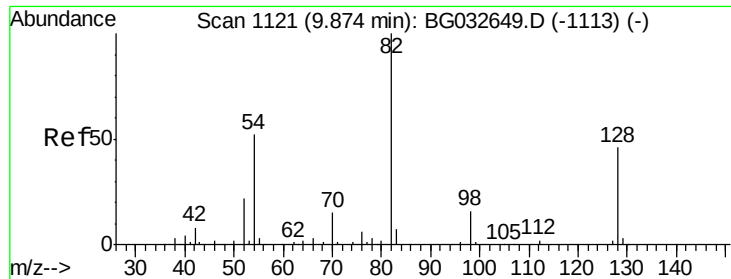
54 4.1 10.3 15.5#

68 1.9 4.5 6.7#



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

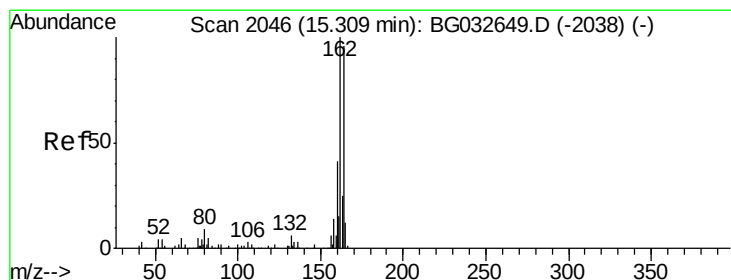
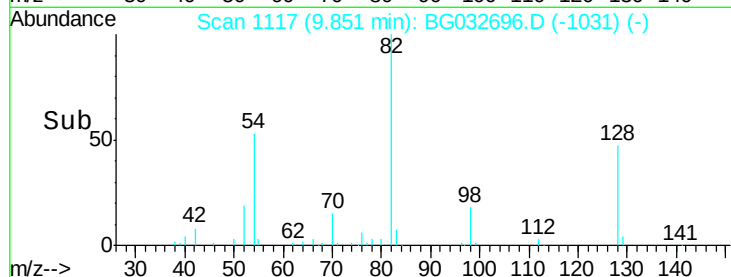
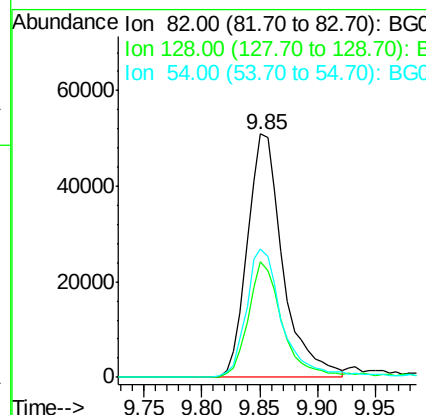
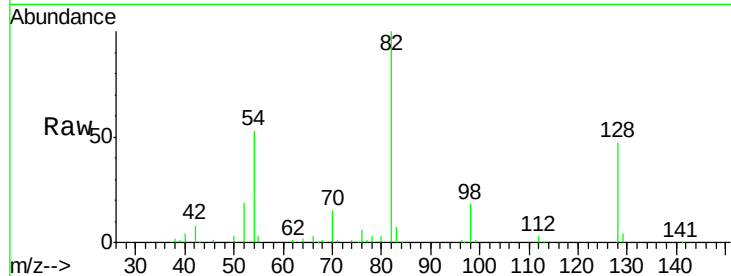




#23
 Nitrobenzene-d5
 Concen: 68.670 ng
 RT: 9.85 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BG032696.D
 Acq: 15 Feb 2018 00:32

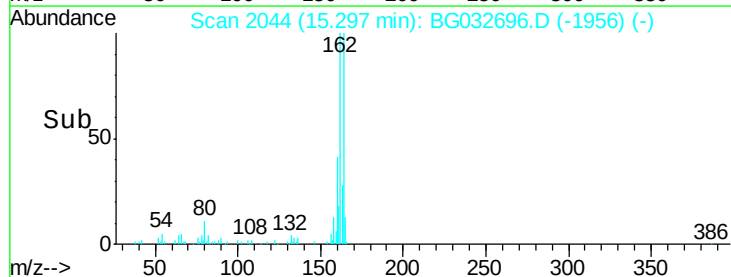
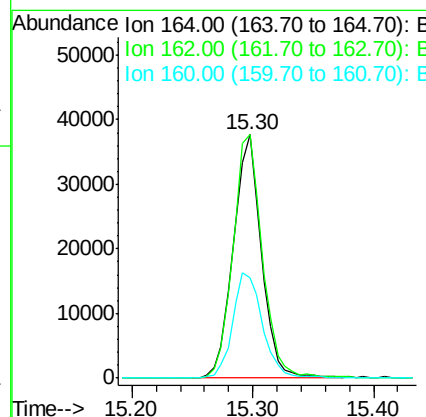
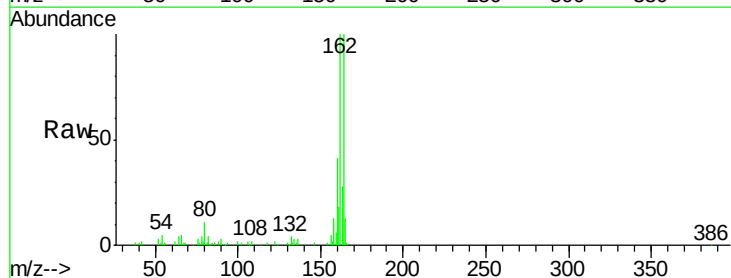
Instrument :
 BNA_G
 ClientSampleId :
 PB106539BL

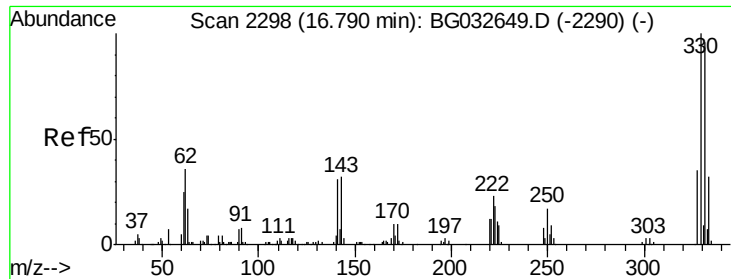
Tot Ion	82	Resp	109026
Ion Ratio	Lower	Upper	
82	100		
128	47.3	29.7	44.5#
54	52.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032696.D
 Acq: 15 Feb 2018 00:32

Tgt Ion	164	Resp	60947
Ion Ratio	Lower	Upper	
164	100		
162	100.1	78.8	118.2
160	41.2	35.4	53.0

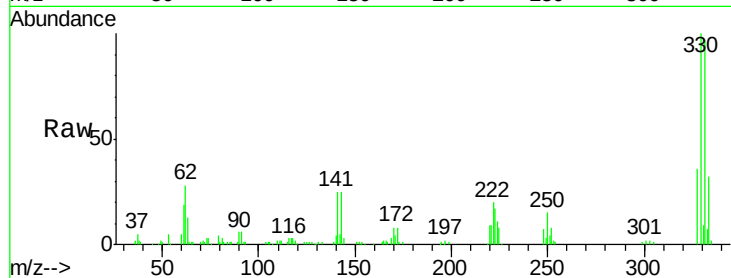




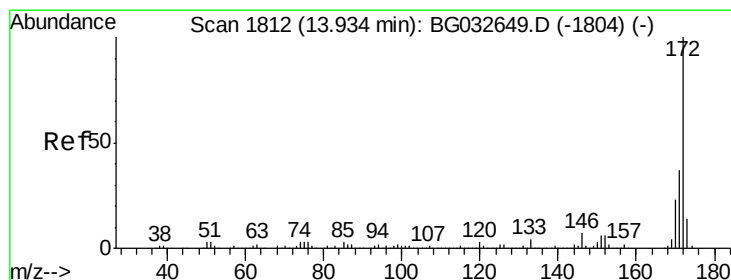
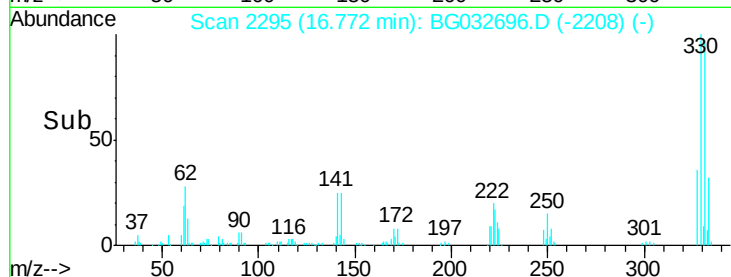
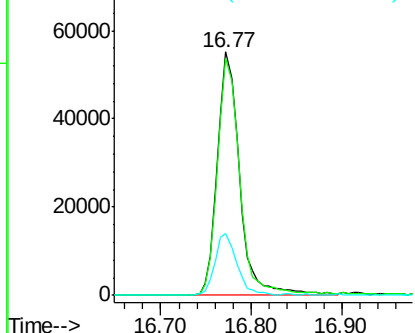
#41
 2,4,6-Tribromophenol
 Concen: 100.656 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032696.D
 Acq: 15 Feb 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106539BL

Tot Ion:330 Resp: 94461
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 24.5 25.2 37.8#

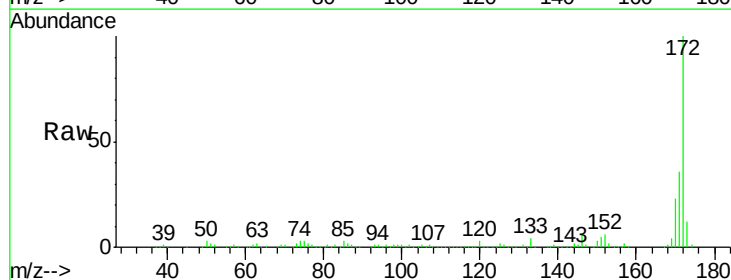


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

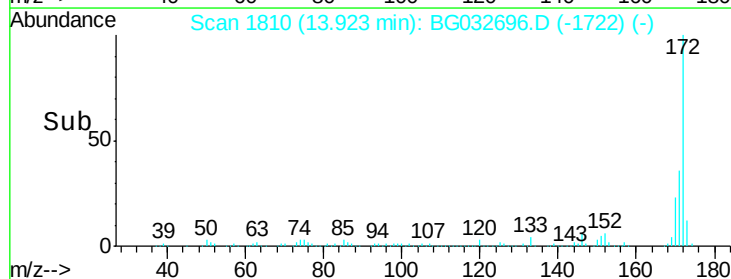
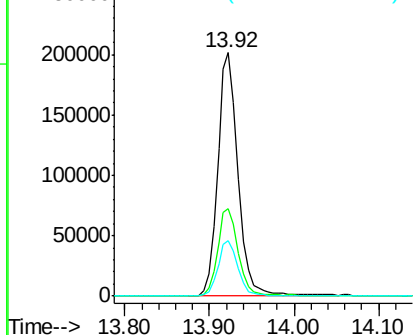


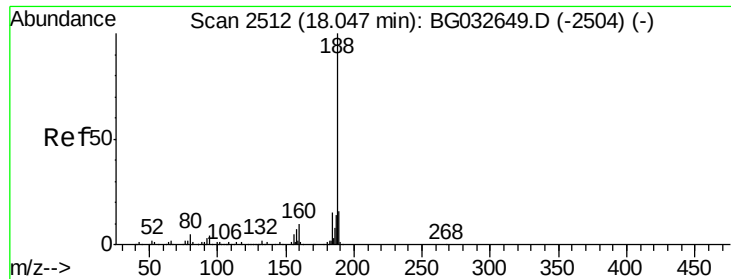
#44
 2-Fluorobiphenyl
 Concen: 69.496 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032696.D
 Acq: 15 Feb 2018 00:32

Tgt Ion:172 Resp: 338702
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 22.9 19.5 29.3



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

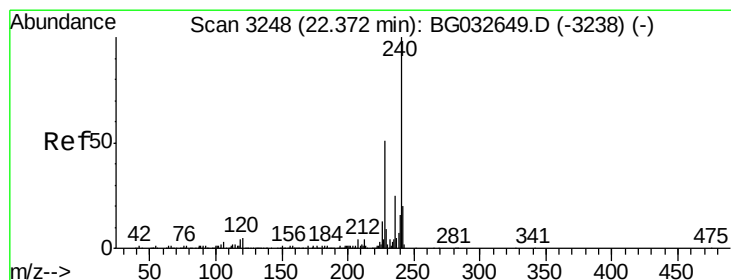
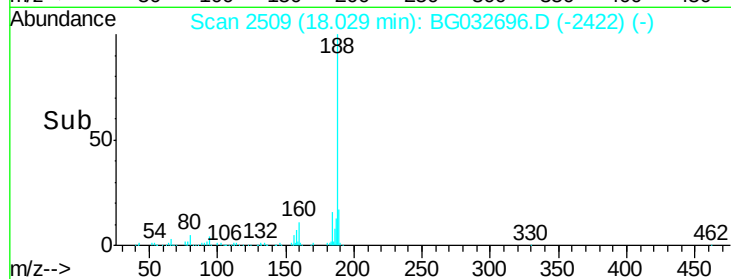
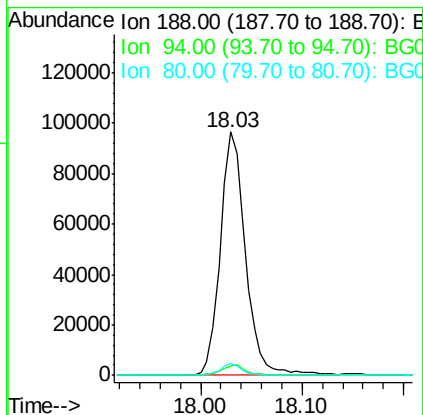
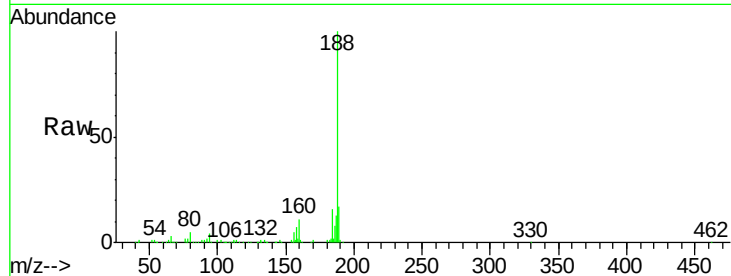




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

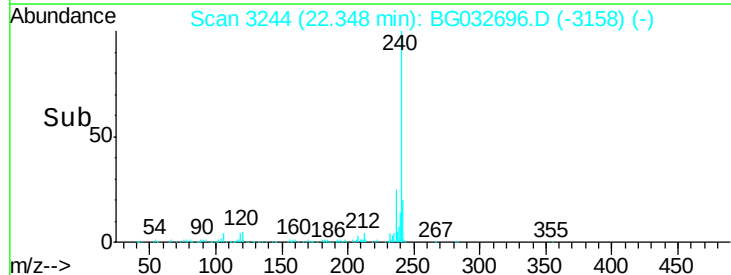
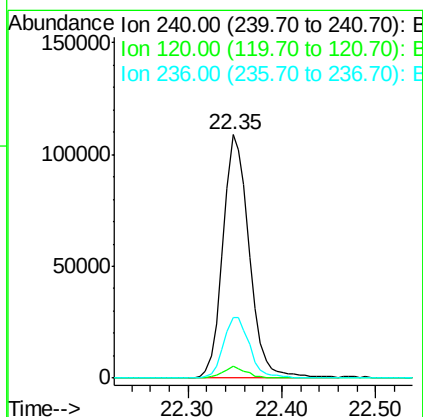
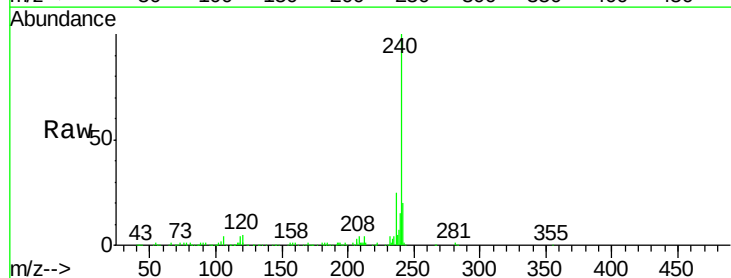
Instrument :
BNA_G
ClientSampleId :
PB106539BL

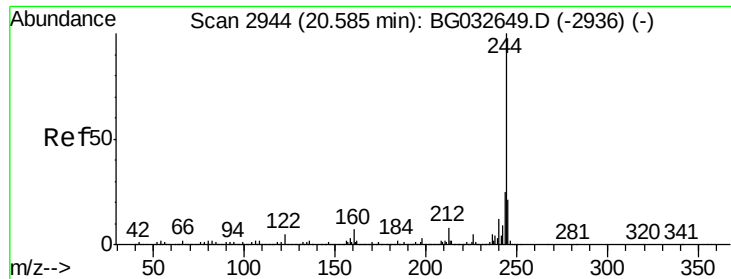
Tot Ion:188 Resp: 166810
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 4.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032696.D
Acq: 15 Feb 2018 00:32

Tgt Ion:240 Resp: 212722
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 76.447 ng

RT: 20.57 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032696.D

Acq: 15 Feb 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB106539BL

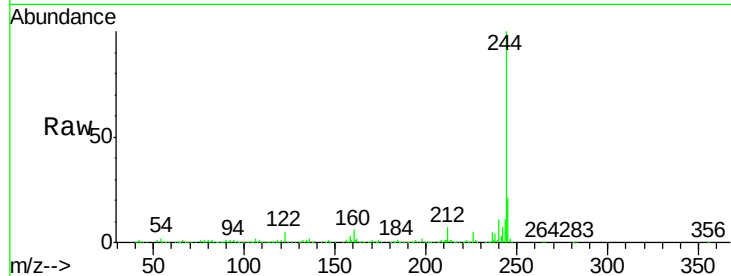
Tot Ion:244 Resp: 713494

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

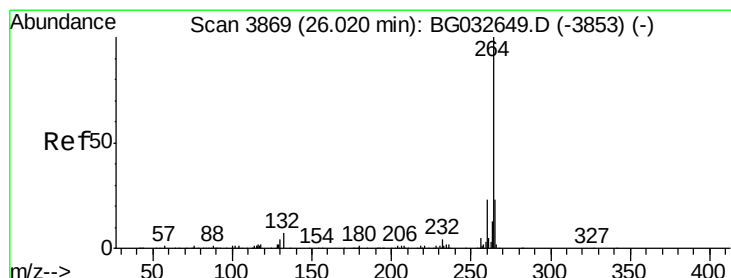
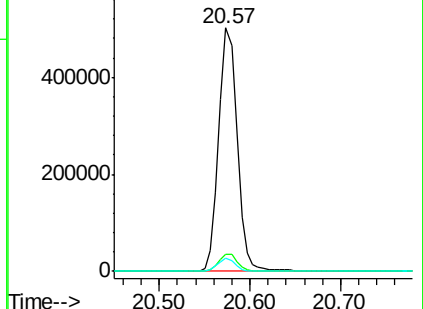
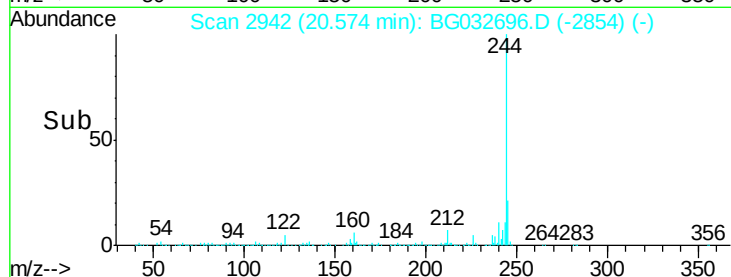
122 5.3 7.0 10.4



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: 20.000 ng

RT: 25.99 min Scan# 3864

Delta R.T. -0.03 min

Lab File: BG032696.D

Acq: 15 Feb 2018 00:32

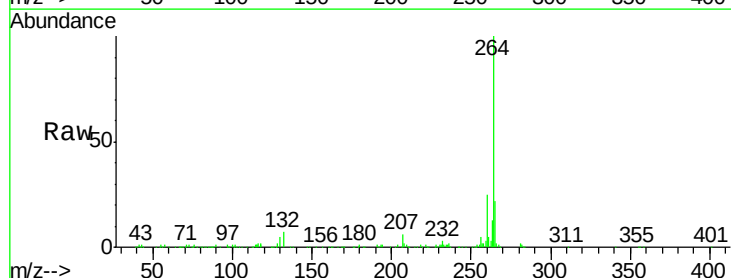
Tgt Ion:264 Resp: 336138

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 22.3 17.7 26.5



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

