

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032711.D
 Acq On : 15 Feb 2018 11:32
 Operator : SJ/JU
 Sample : PB106551BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106551BL

Quant Time: Feb 15 12:36:50 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	27162	20.00	ng	-0.01
21) Naphthalene-d8	11.53	136	100819	20.00	ng	-0.01
38) Acenaphthene-d10	15.29	164	80287	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	187569	20.00	ng	-0.01
75) Chrysene-d12	22.36	240	279968	20.00	ng	-0.01
86) Perylene-d12	26.01	264	281990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	153204	113.17	ng	-0.01
7) Phenol-d6	7.78	99	185571	100.24	ng	-0.01
23) Nitrobenzene-d5	9.85	82	107315	67.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.78	330	131859	106.66	ng	-0.01
44) 2-Fluorobiphenyl	13.93	172	480362	74.82	ng	0.00
78) Terphenyl-d14	20.58	244	912350	74.27	ng	0.00

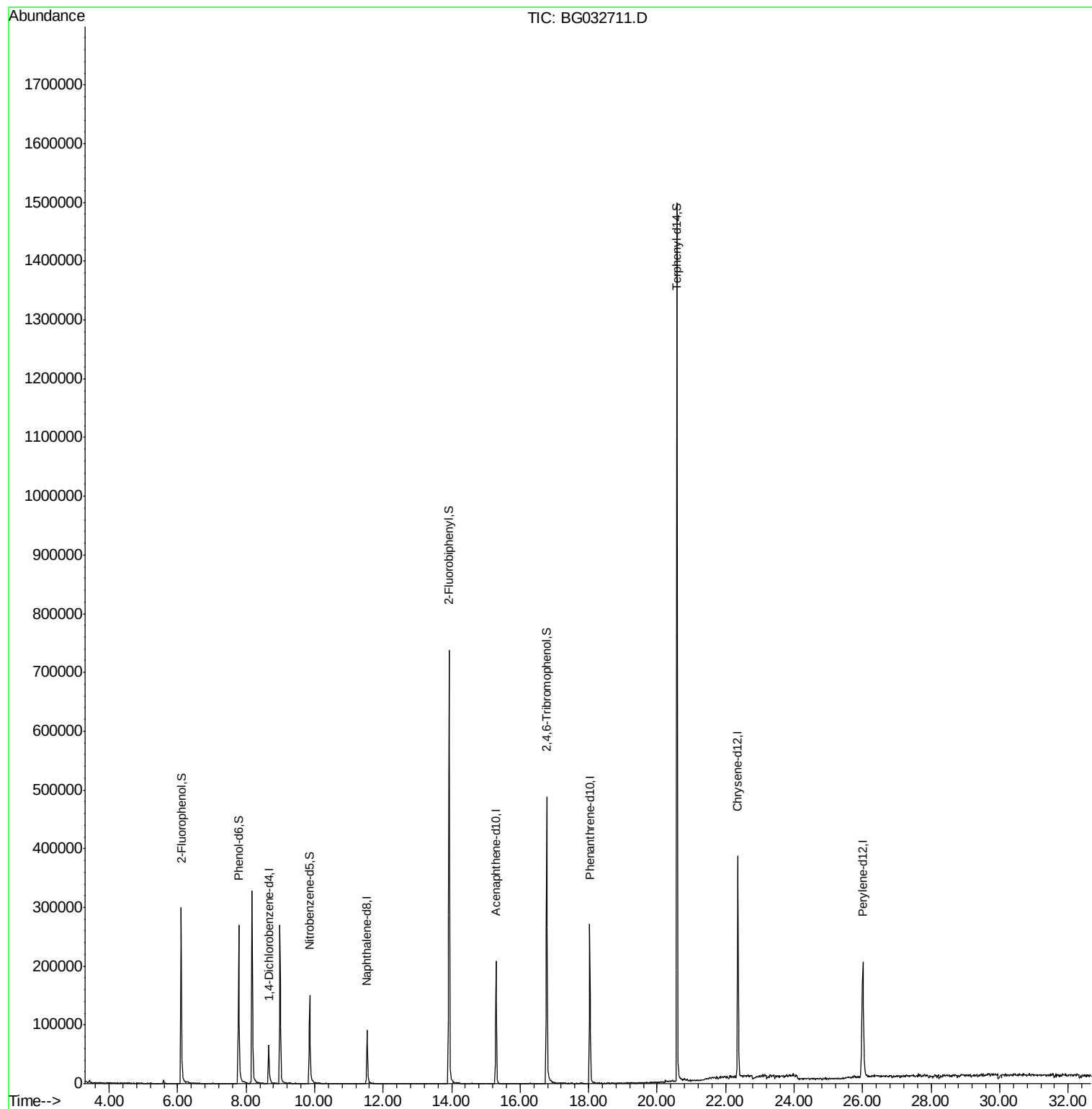
Target Compounds Qvalue

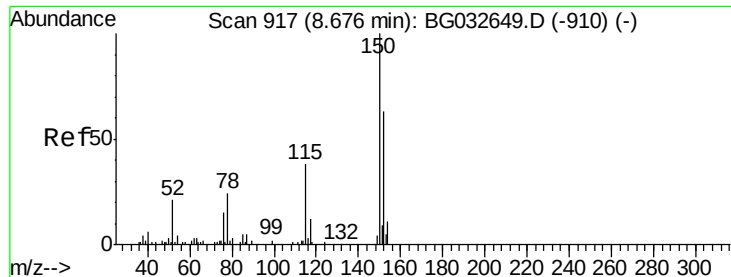
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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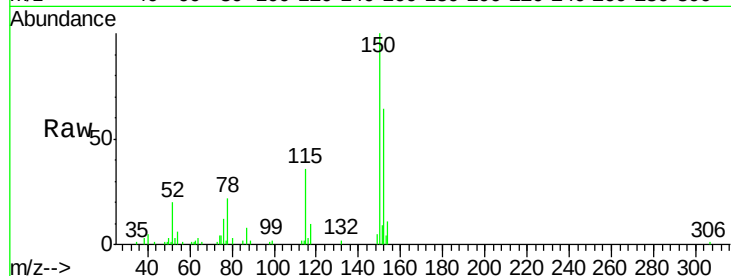


#1

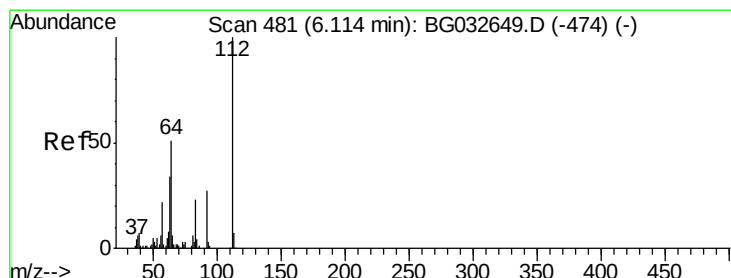
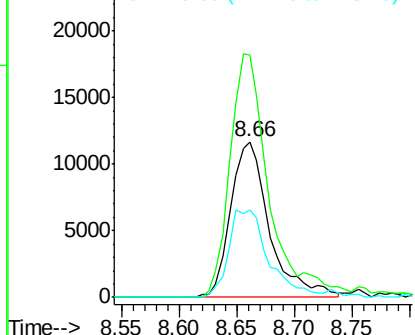
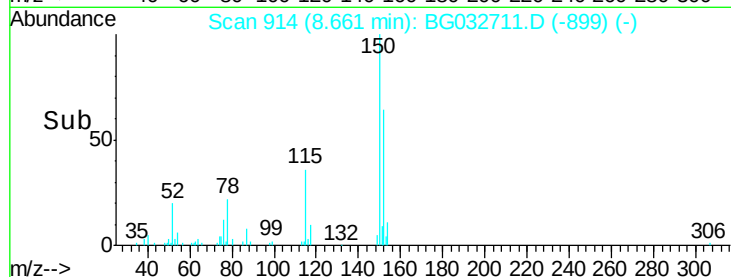
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG032711.D
Acq: 15 Feb 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB106551BL

Tot Ion	152	Resp	27162
Ion Ratio	Lower	Upper	
152	100		
150	155.5	126.6	189.8
115	56.3	53.0	79.4



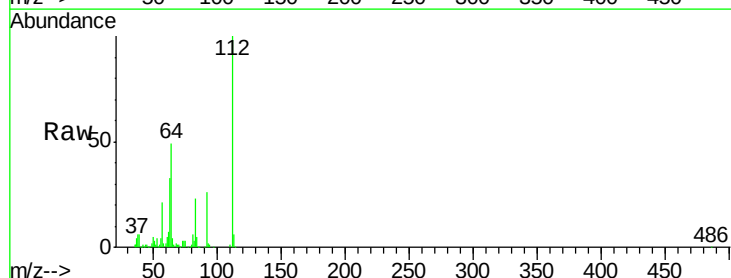
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



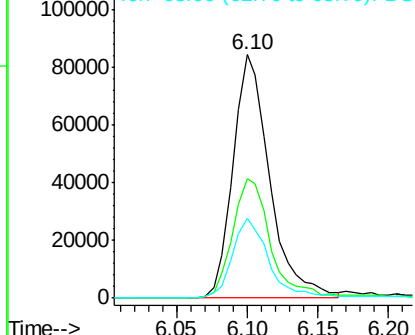
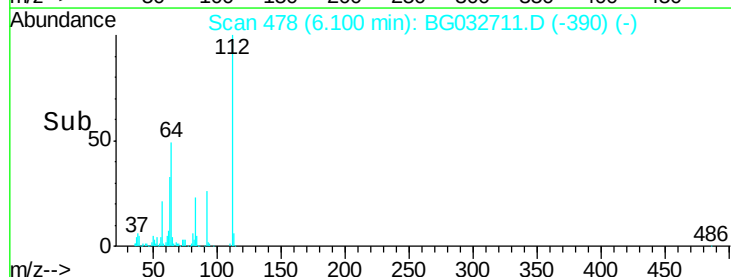
#5

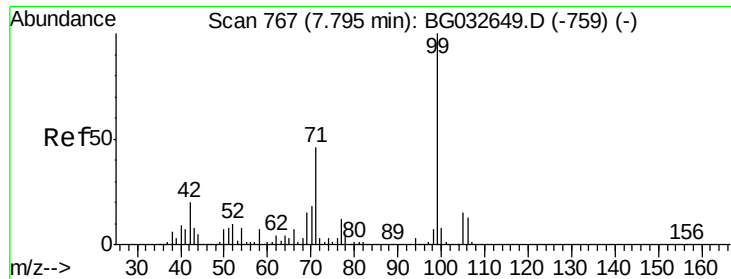
2-Fluorophenol
Concen: 113.166 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG032711.D
Acq: 15 Feb 2018 11:32

Tgt Ion	112	Resp	153204
Ion Ratio	Lower	Upper	
112	100		
64	49.3	56.3	84.5#
63	32.6	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: 100.245 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG032711.D

Acq: 15 Feb 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB106551BL

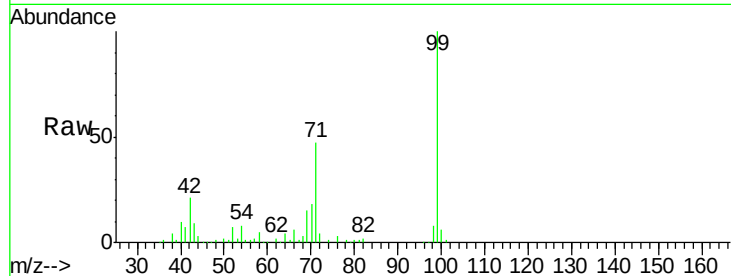
Tot Ion: 99 Resp: 185571

Ion Ratio Lower Upper

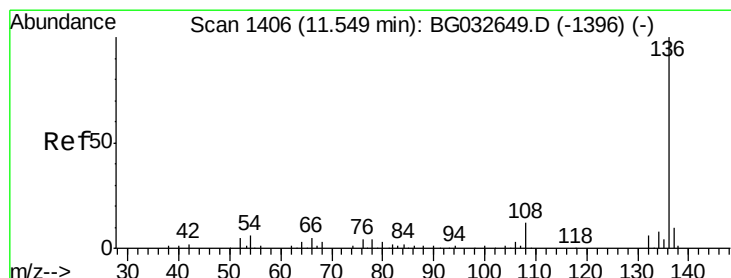
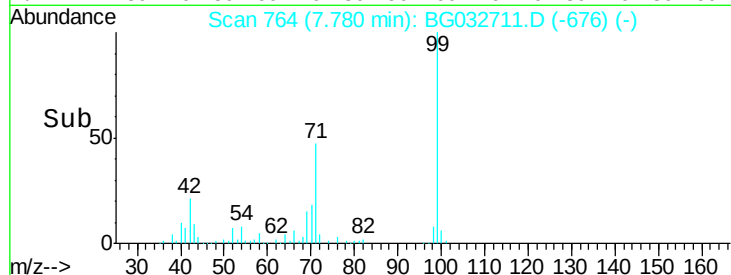
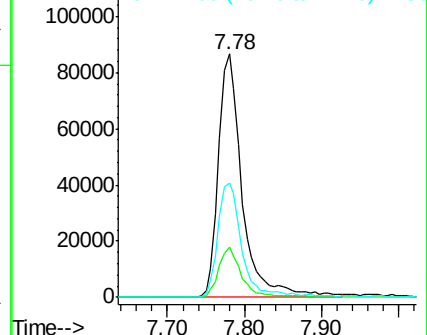
99 100

42 20.7 14.1 21.1

71 47.2 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. -0.01 min

Lab File: BG032711.D

Acq: 15 Feb 2018 11:32

Tgt Ion: 136 Resp: 100819

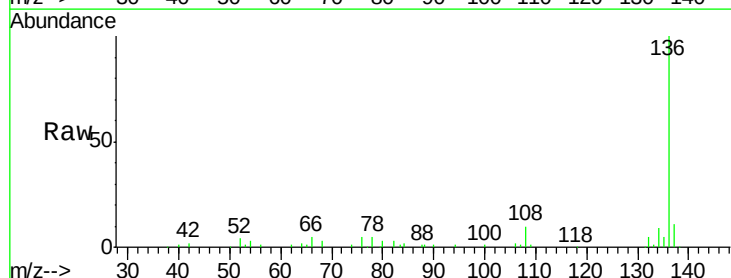
Ion Ratio Lower Upper

136 100

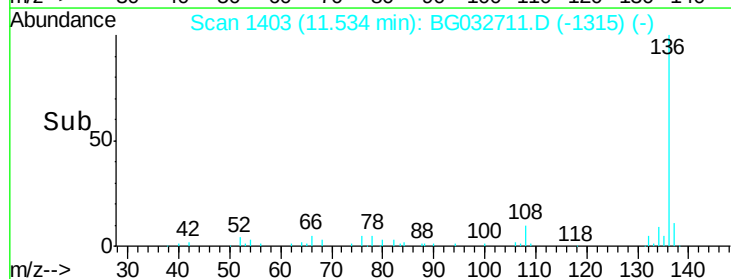
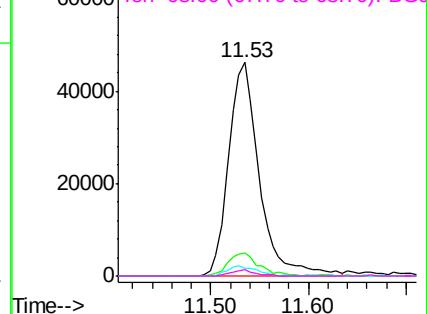
137 10.5 9.2 13.8

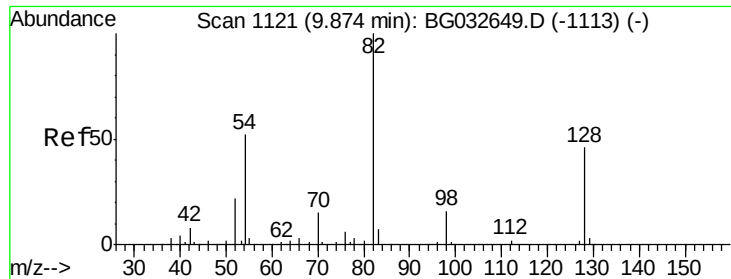
54 3.4 10.3 15.5#

68 2.8 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

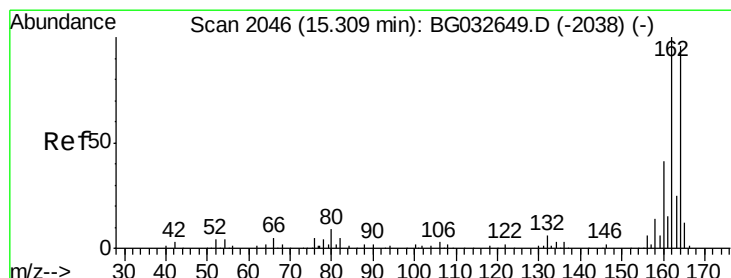
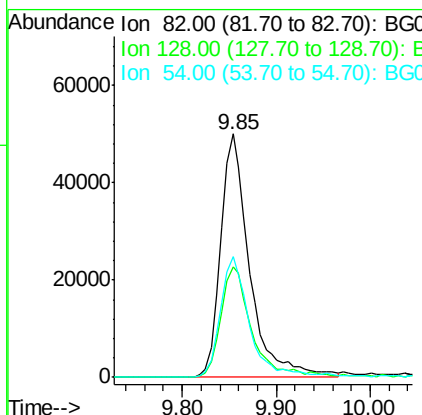
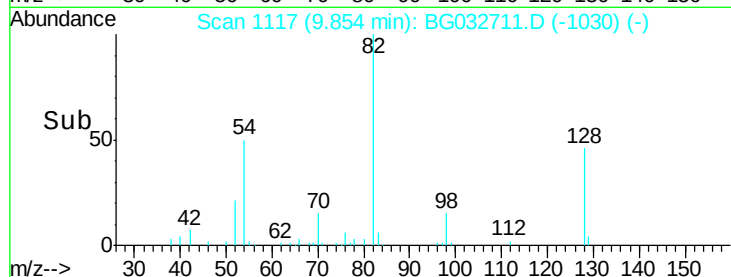
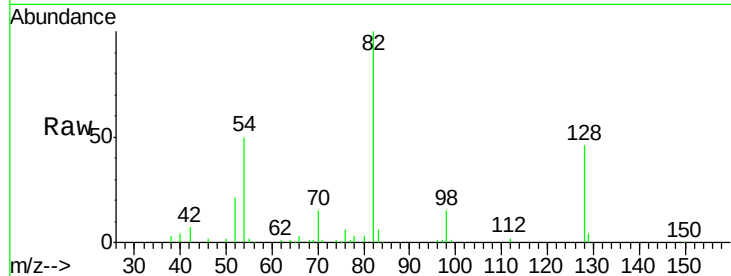




#23
Nitrobenzene-d5
Concen: 67.650 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032711.D
Acq: 15 Feb 2018 11:32

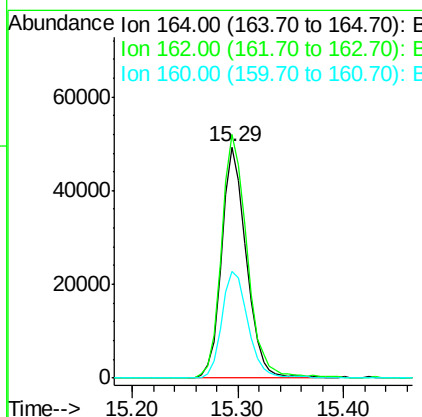
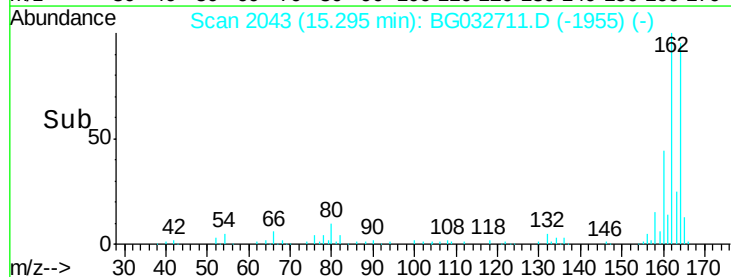
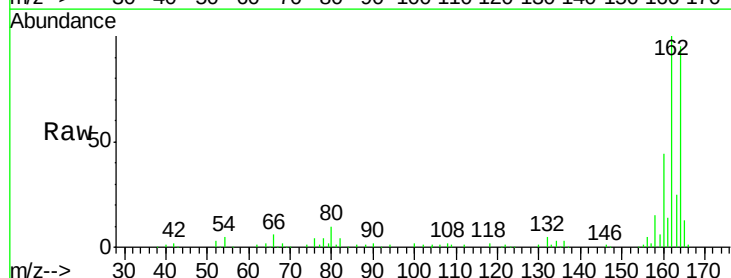
Instrument :
BNA_G
ClientSampleId :
PB106551BL

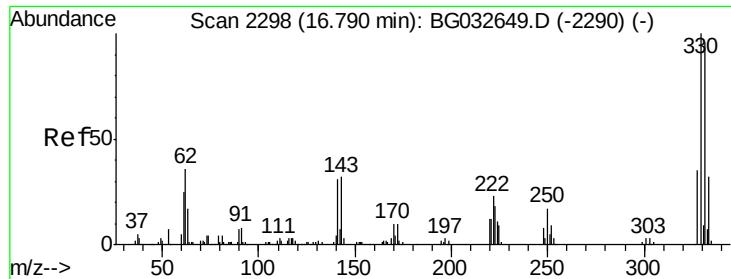
Tot Ion: 82 Resp: 107315
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 49.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG032711.D
Acq: 15 Feb 2018 11:32

Tgt Ion:164 Resp: 80287
Ion Ratio Lower Upper
164 100
162 105.2 78.8 118.2
160 46.0 35.4 53.0

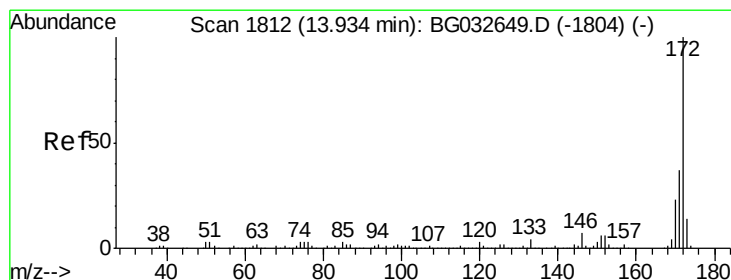
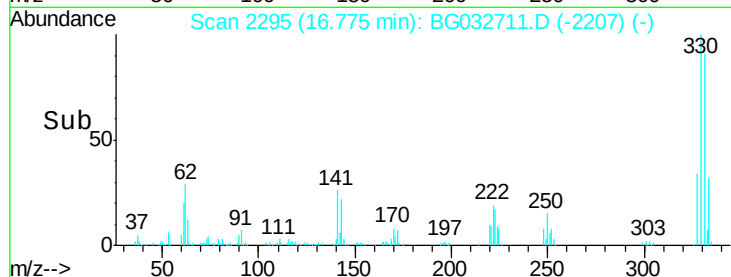
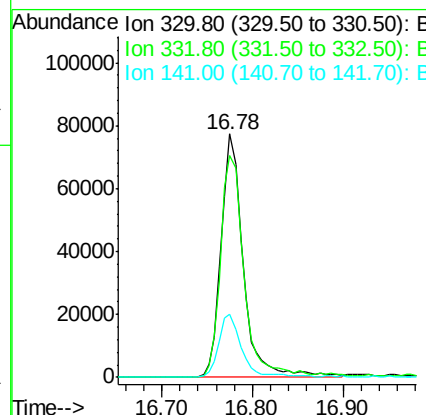
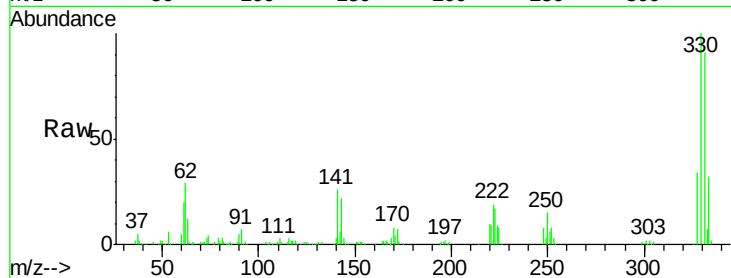




#41
 2,4,6-Tribromophenol
 Concen: 106.660 ng
 RT: 16.78 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG032711.D
 Acq: 15 Feb 2018 11:32

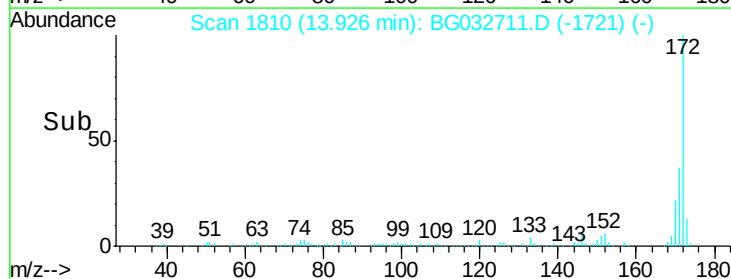
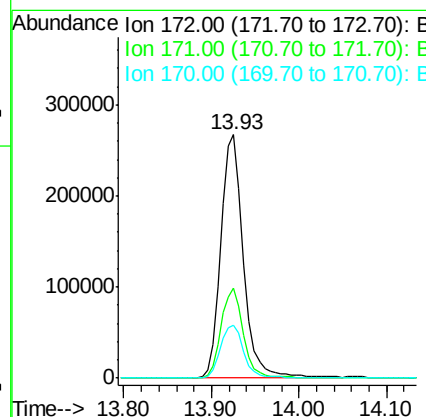
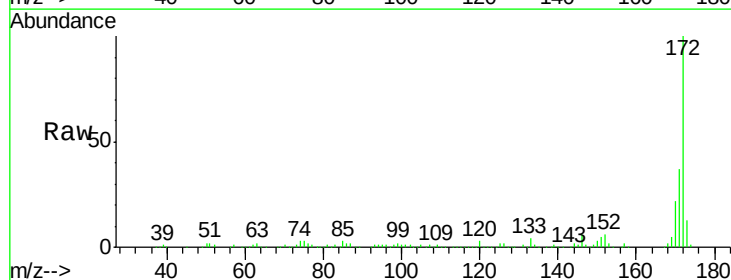
Instrument :
 BNA_G
 ClientSampleId :
 PB106551BL

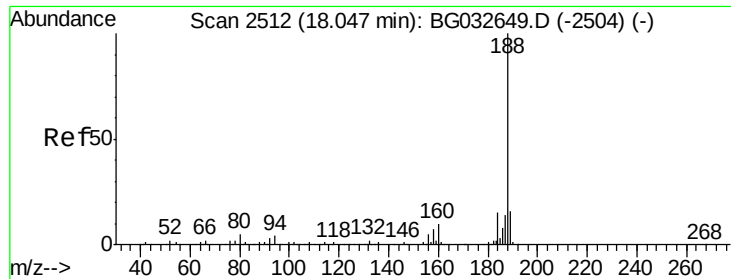
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 74.820 ng
 RT: 13.93 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032711.D
 Acq: 15 Feb 2018 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	21.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.03 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG032711.D

Acq: 15 Feb 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB106551BL

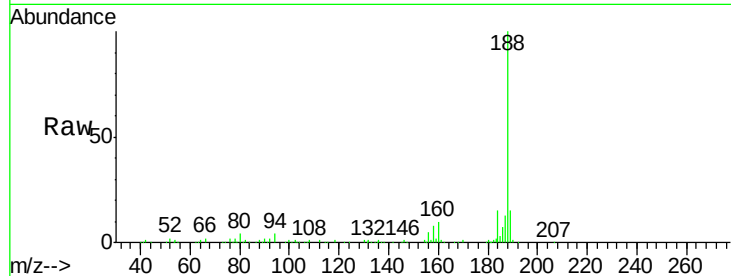
Tot Ion:188 Resp: 187569

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

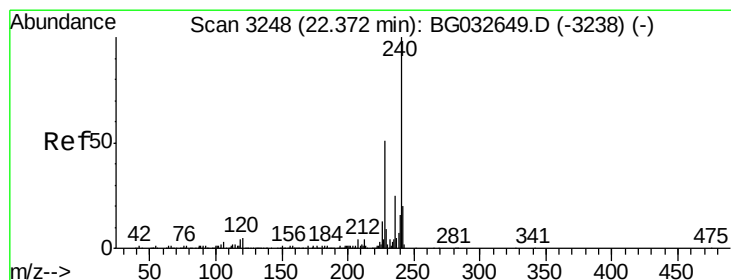
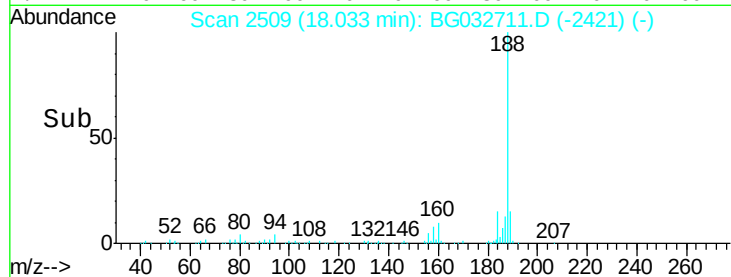
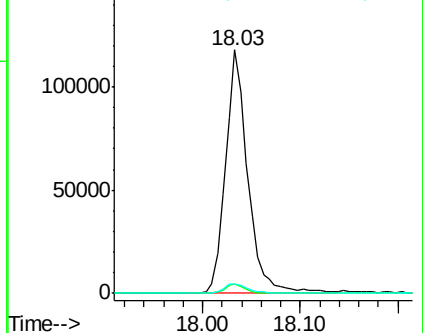
80 3.8 7.7 11.5#



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: 20.000 ng

RT: 22.36 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG032711.D

Acq: 15 Feb 2018 11:32

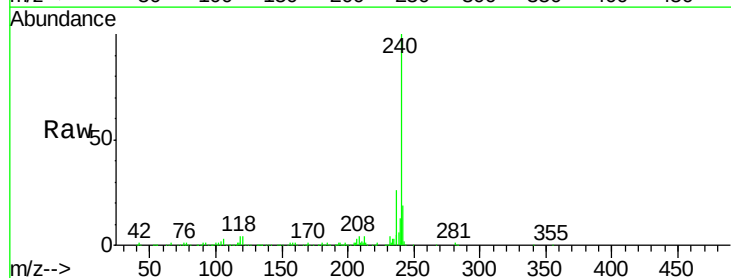
Tgt Ion:240 Resp: 279968

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

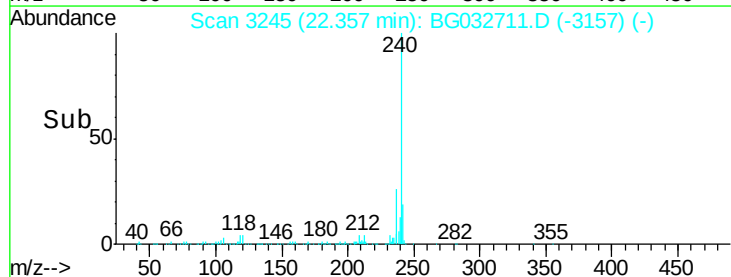
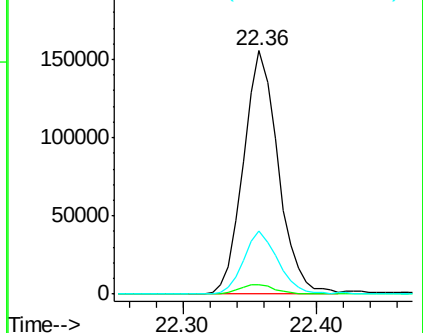
236 25.8 20.9 31.3

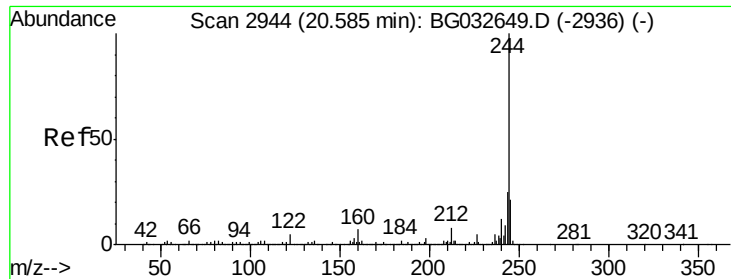


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.274 ng

RT: 20.58 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032711.D

Acq: 15 Feb 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB106551BL

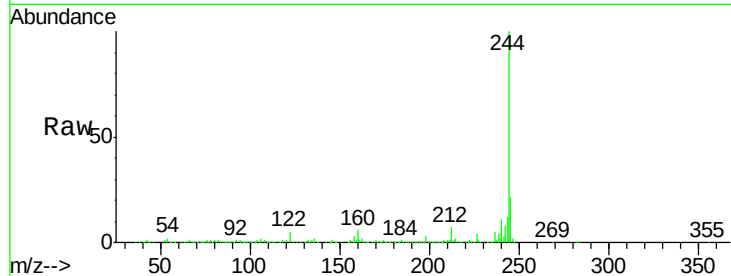
Tot Ion:244 Resp: 912350

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

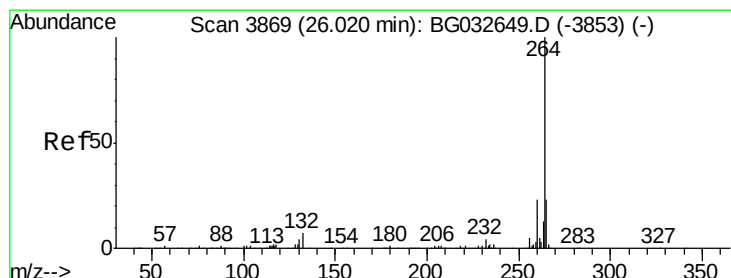
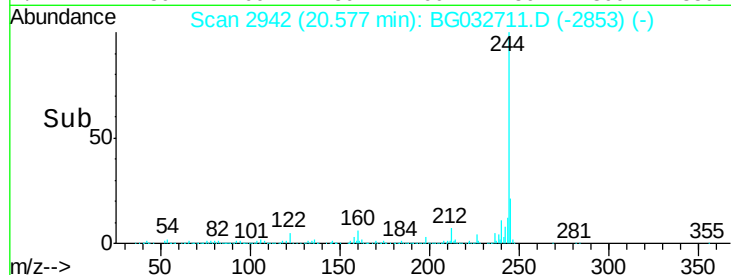
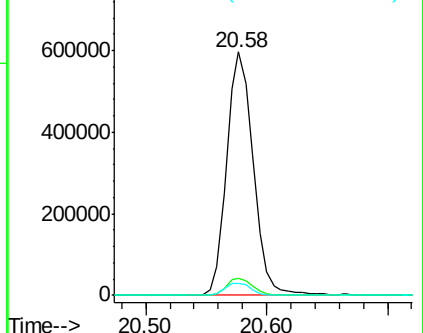
122 4.7 7.0 10.4#



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: 26.01 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BG032711.D

Acq: 15 Feb 2018 11:32

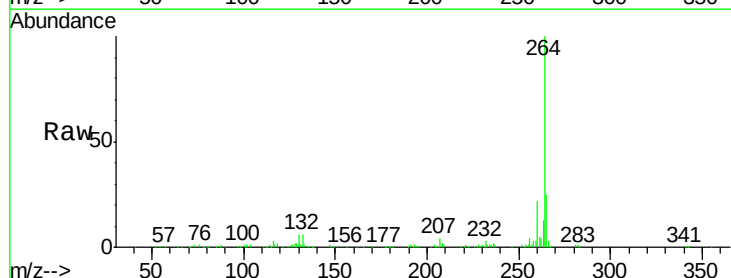
Tgt Ion:264 Resp: 281990

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 24.7 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

