

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021712.D
 Acq On : 16 Apr 2016 11:24
 Operator : UM/SJ
 Sample : H2559-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Quant Time: Apr 18 01:14:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

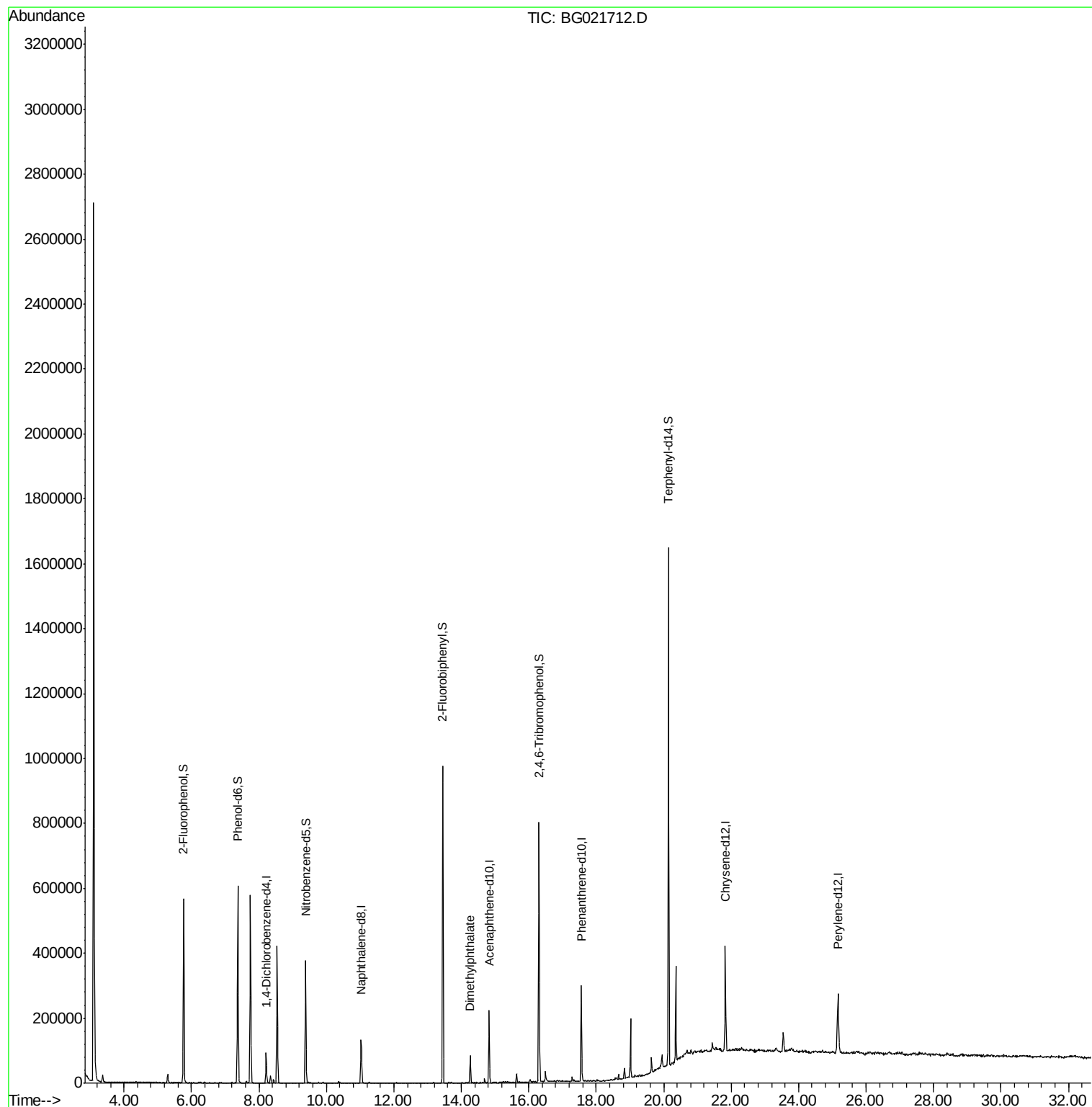
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	26000	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	117914	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	76438	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	178535	20.00	ng	0.00
75) Chrysene-d12	21.83	240	191160	20.00	ng	0.00
86) Perylene-d12	25.17	264	192252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	249159	159.58	ng	0.01
7) Phenol-d6	7.38	99	360276	154.48	ng	0.02
23) Nitrobenzene-d5	9.39	82	227041	98.97	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	149706	181.72	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	508589	97.49	ng	0.00
78) Terphenyl-d14	20.14	244	678691	88.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.27	163	56680	8.58	ng	Qvalue 99

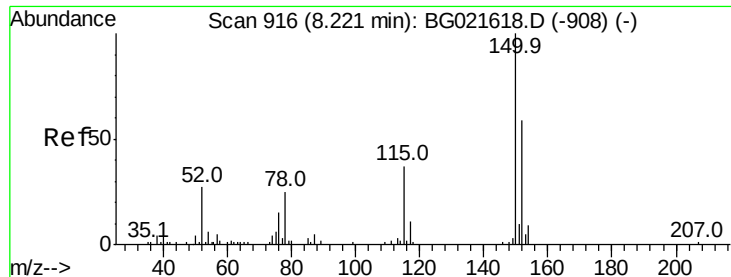
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

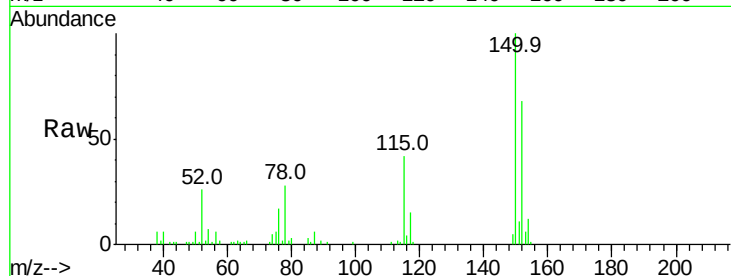
Tot Ion:152 Resp: 26000

Ion Ratio Lower Upper

152 100

150 146.8 130.1 195.1

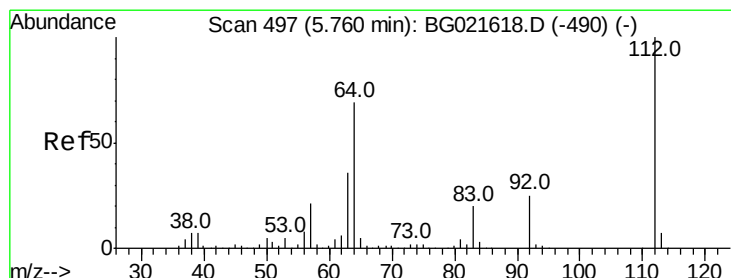
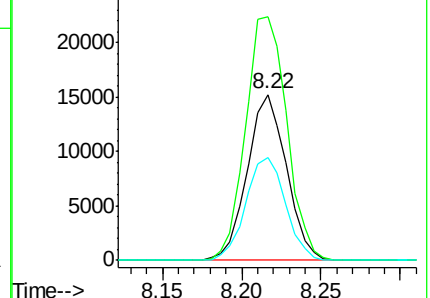
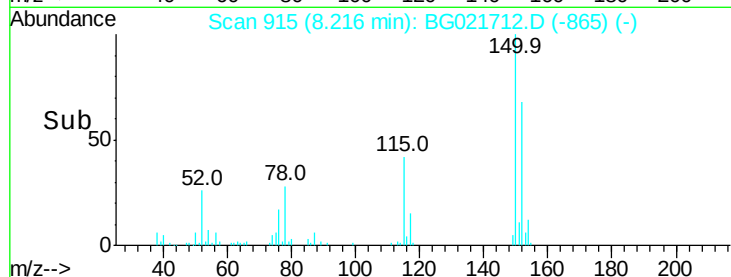
115 62.0 62.2 93.2#



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: 159.58 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

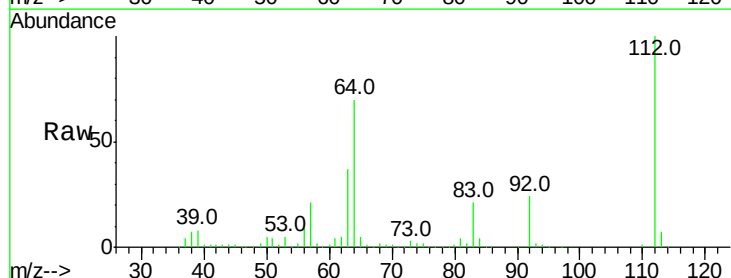
Tgt Ion:112 Resp: 249159

Ion Ratio Lower Upper

112 100

64 70.1 51.1 76.7

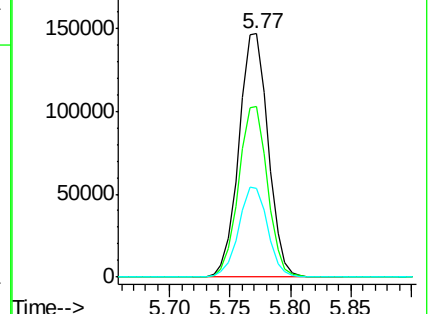
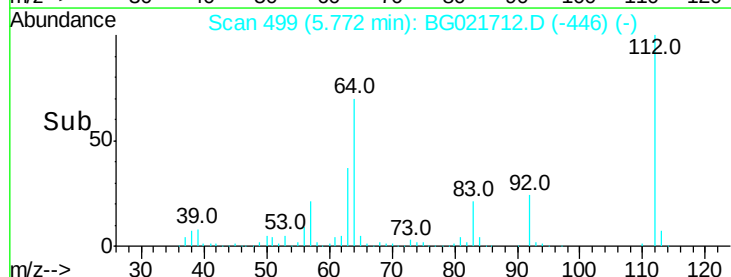
63 36.5 24.6 37.0

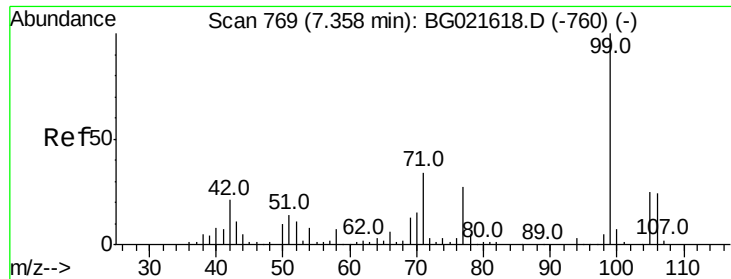


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.48 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

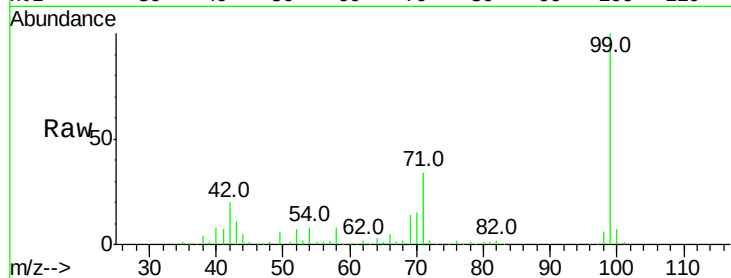
Tot Ion: 99 Resp: 360276

Ion Ratio Lower Upper

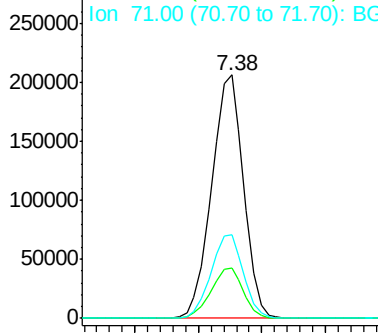
99 100

42 20.4 16.4 24.6

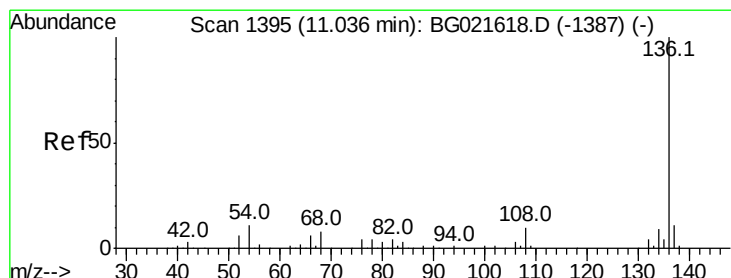
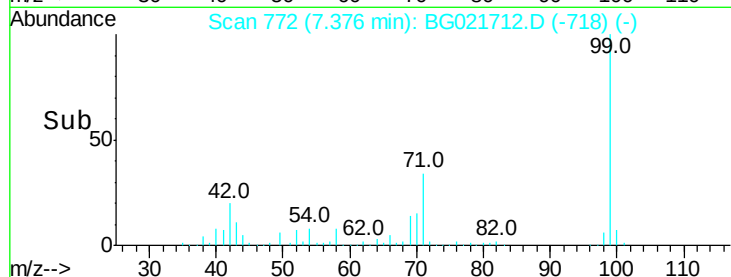
71 34.2 25.0 37.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

Tgt Ion: 136 Resp: 117914

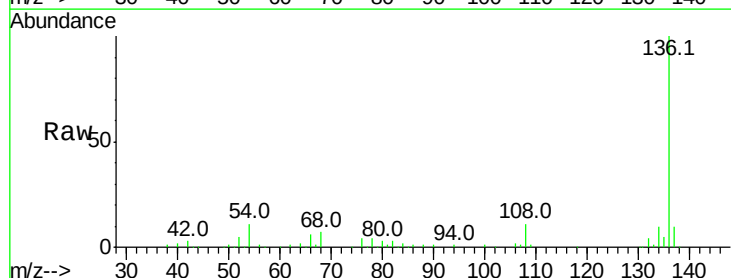
Ion Ratio Lower Upper

136 100

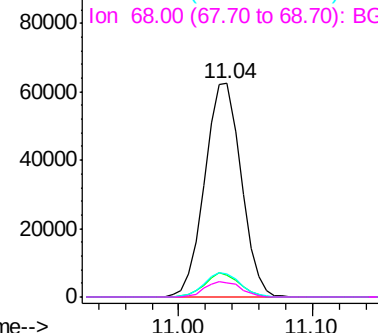
137 10.2 9.0 13.4

54 10.9 9.6 14.4

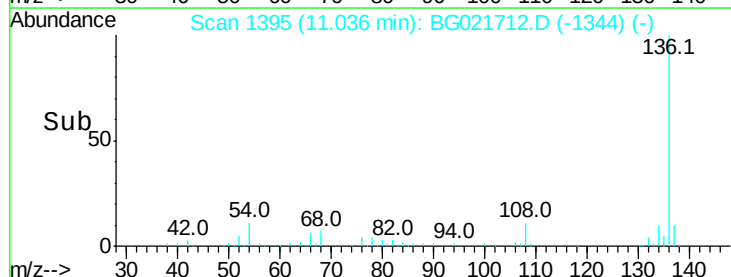
68 6.8 6.4 9.6

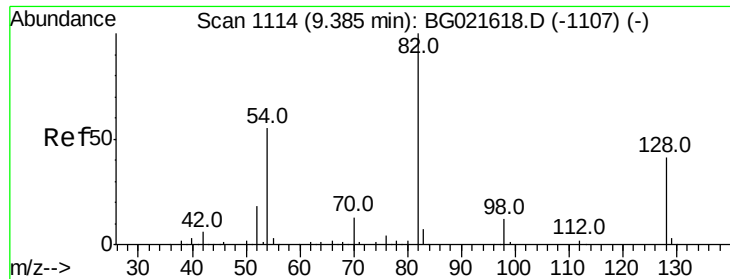


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

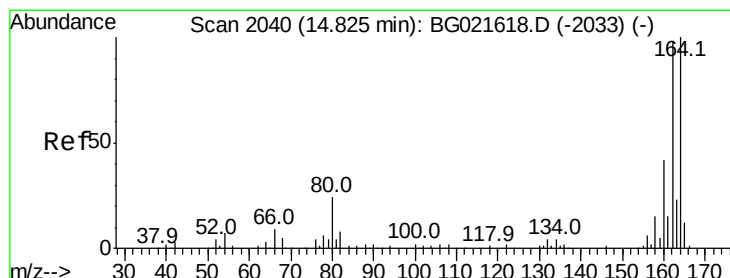
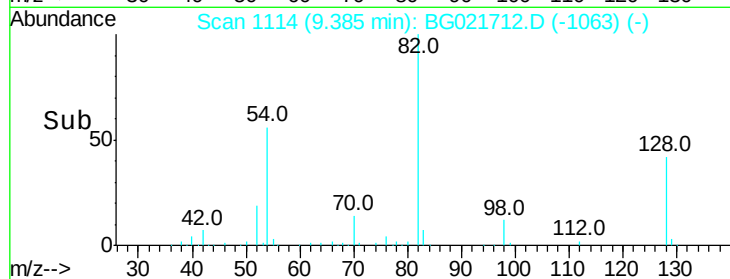
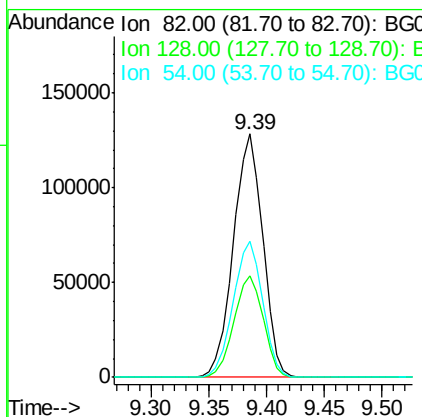
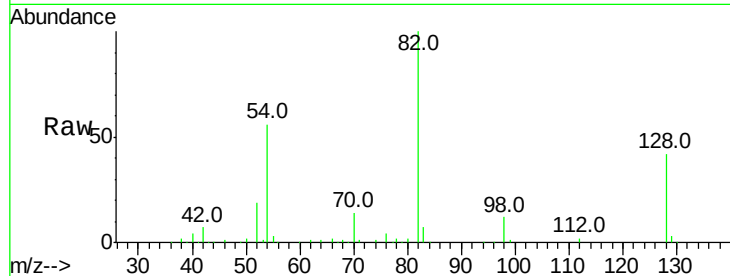




#23
 Nitrobenzene-d5
 Concen: 98.97 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021712.D
 Acq: 16 Apr 2016 11:24

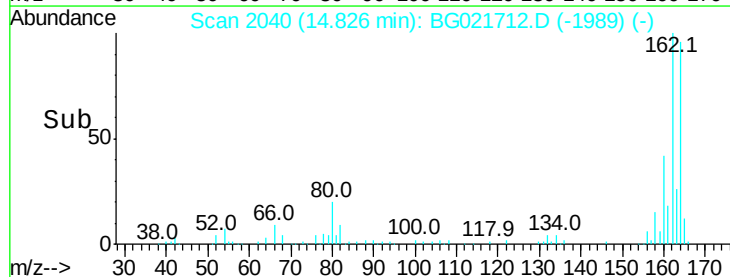
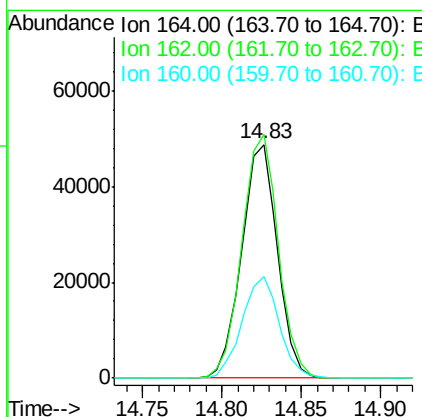
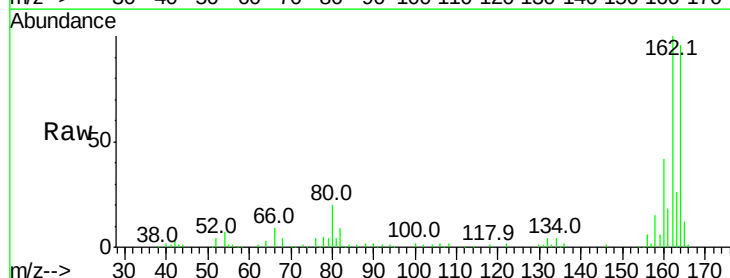
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

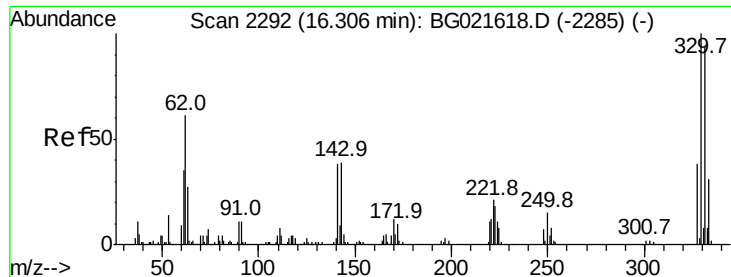
Tot Ion	82	Resp	227041
Ion Ratio	100	Lower	Upper
128	41.8	33.4	50.0
54	55.8	46.1	69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG021712.D
 Acq: 16 Apr 2016 11:24

Tgt Ion	164	Resp	76438
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.2	78.0	117.0
160	43.6	32.9	49.3

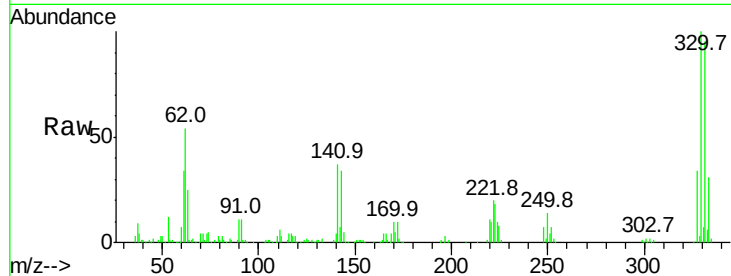




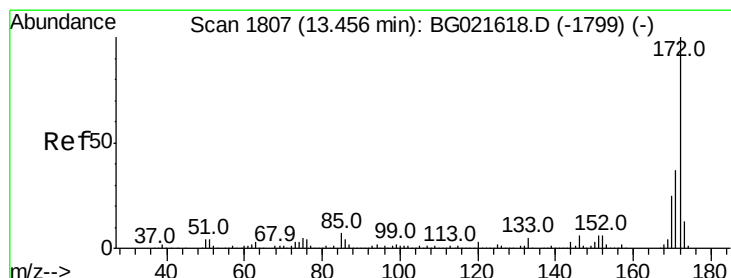
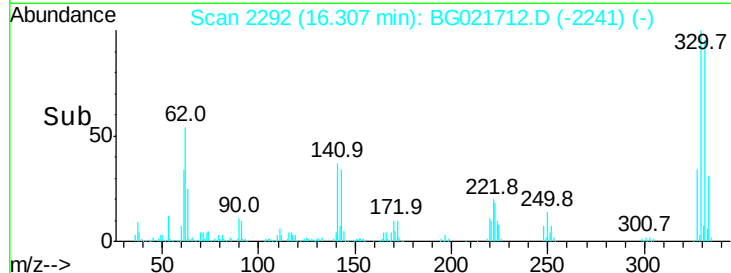
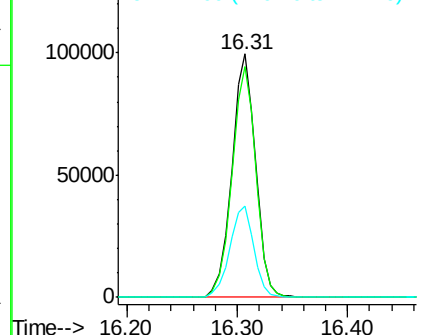
#41
 2,4,6-Tribromophenol
 Concen: 181.72 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG021712.D
 Acq: 16 Apr 2016 11:24

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	38.1	33.8	50.8

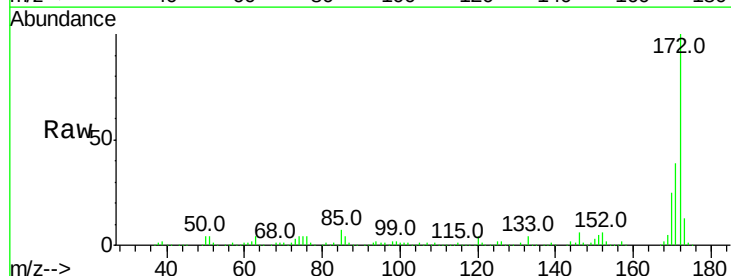


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

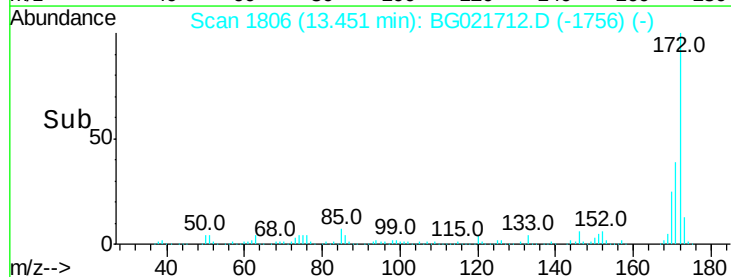
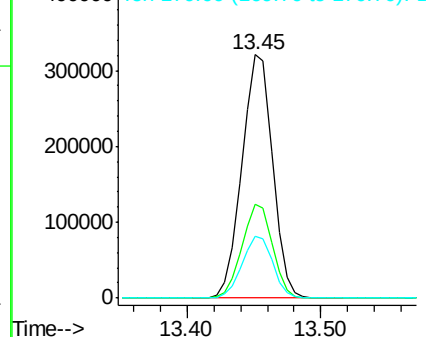


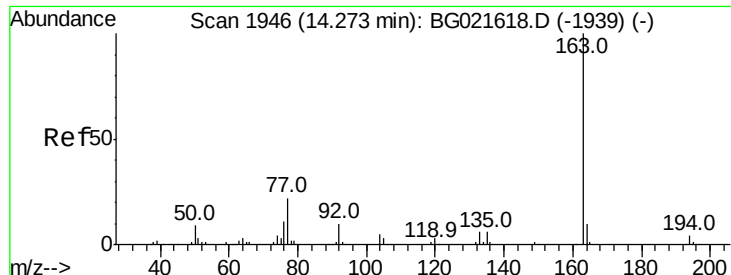
#44
 2-Fluorobiphenyl
 Concen: 97.49 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021712.D
 Acq: 16 Apr 2016 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	27.8	41.6
170	25.2	19.6	29.4



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





#49

Dimethylphthalate

Concen: 8.58 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

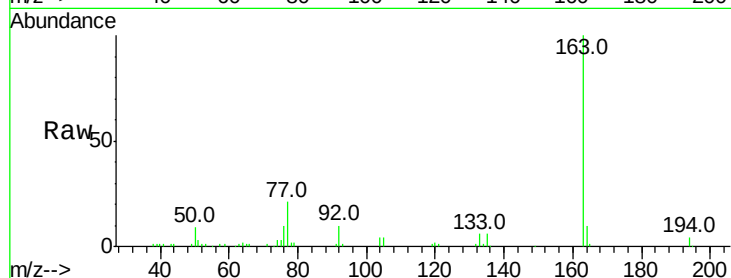
Tot Ion:163 Resp: 56680

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

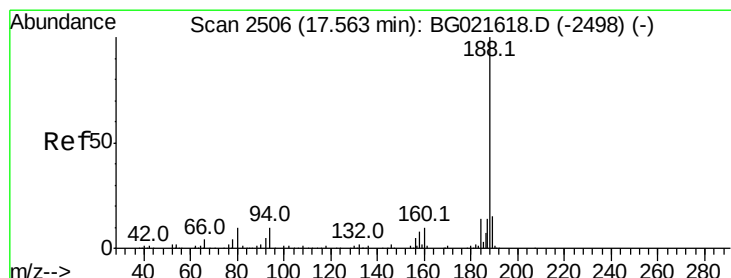
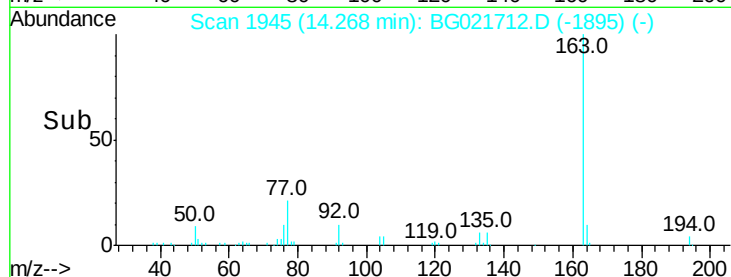
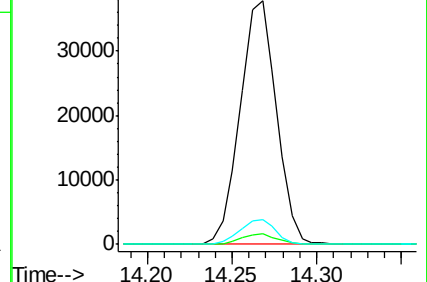
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

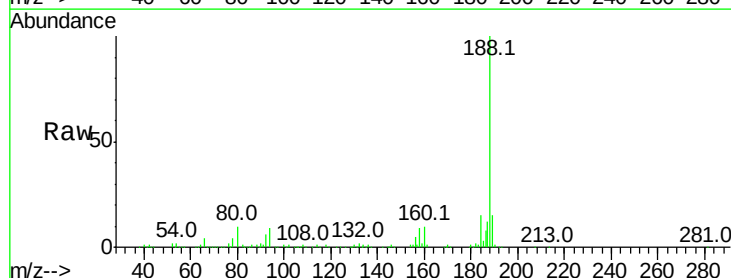
Tgt Ion:188 Resp: 178535

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

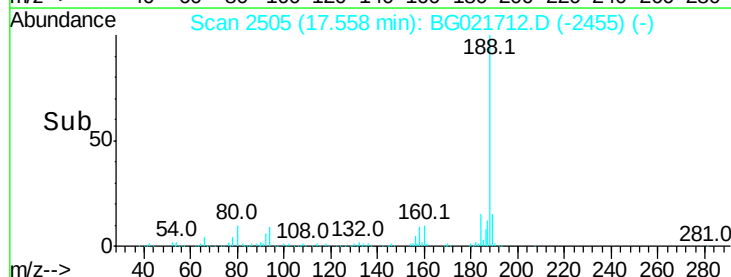
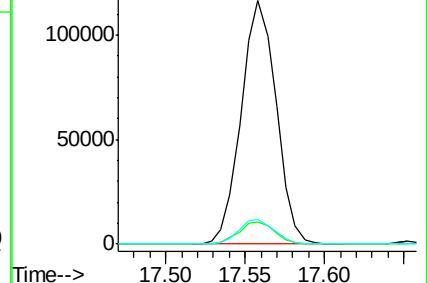
80 10.2 8.6 13.0

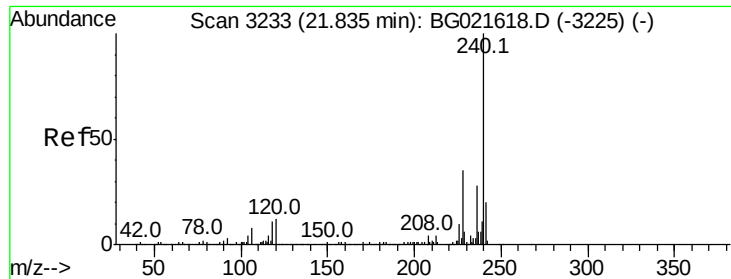


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

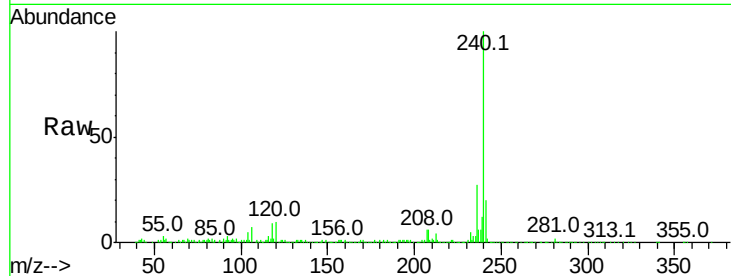
Tot Ion:240 Resp: 191160

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

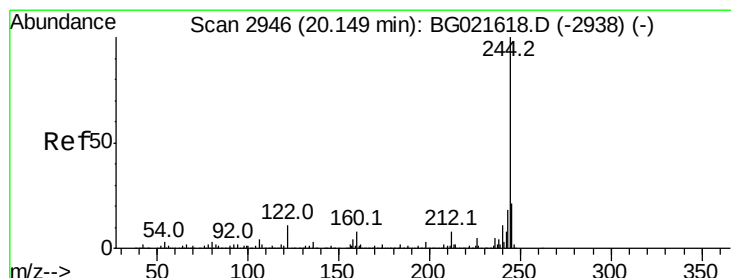
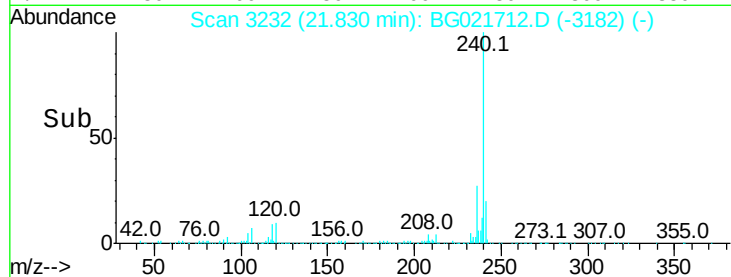
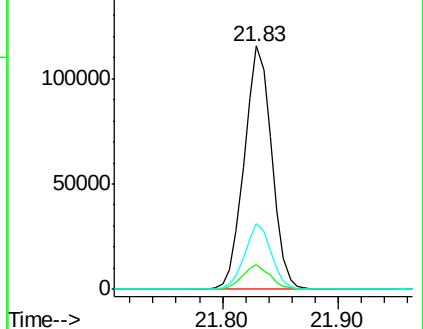
236 27.2 19.6 29.4



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: 88.59 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021712.D

Acq: 16 Apr 2016 11:24

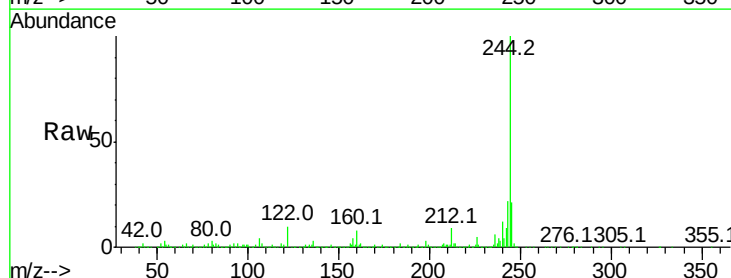
Tgt Ion:244 Resp: 678691

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

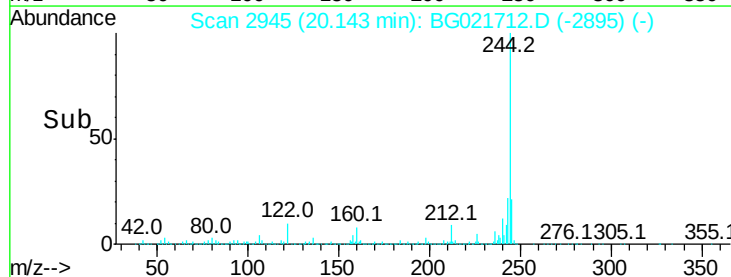
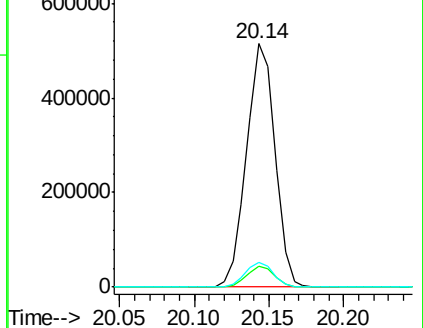
122 10.3 8.6 12.8

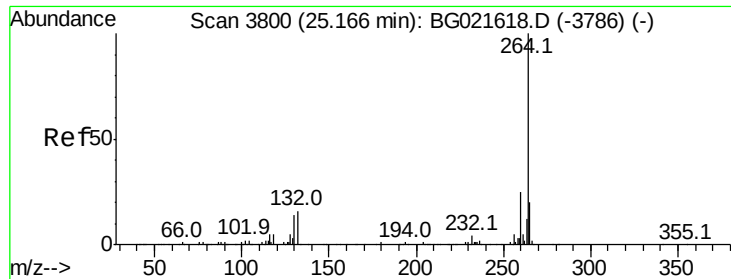


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BG021712.D
Acq: 16 Apr 2016 11:24

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	264	Resp:	192252
Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	22.5	17.8	26.8

