

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
 Data File : BG021702.D
 Acq On : 16 Apr 2016 1:53
 Operator : UM/SJ
 Sample : H2559-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Quant Time: Apr 16 03:46:19 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

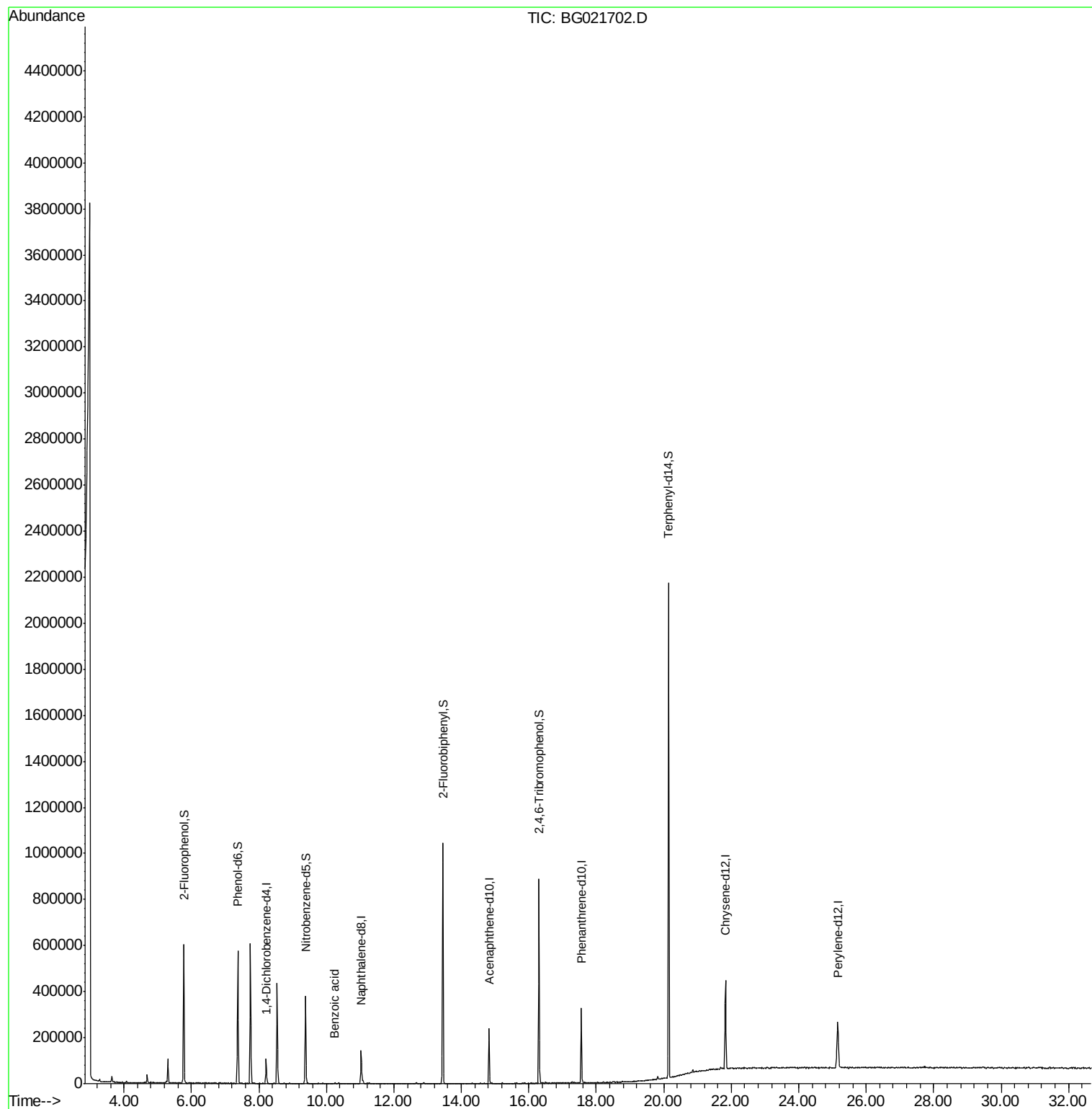
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30318	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	126442	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	80445	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	205180	20.00	ng	0.00
75) Chrysene-d12	21.83	240	236114	20.00	ng	0.00
86) Perylene-d12	25.16	264	215780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	257771	141.58	ng	0.01
7) Phenol-d6	7.38	99	342271	125.86	ng	0.02
23) Nitrobenzene-d5	9.39	82	237438	96.52	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	157061	181.16	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	535651	97.56	ng	0.00
78) Terphenyl-d14	20.14	244	908109	95.97	ng	0.00
Target Compounds						
32) Benzoic acid	10.25	122	315	4.54	ng	Qvalue # 53

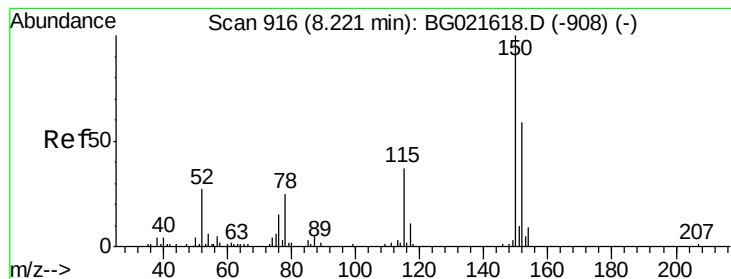
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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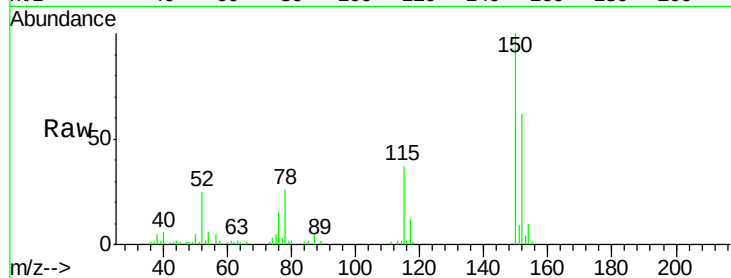


#1

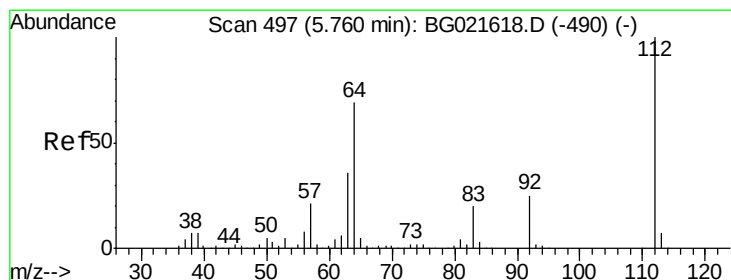
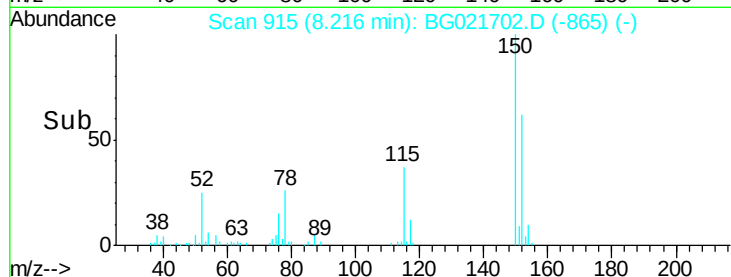
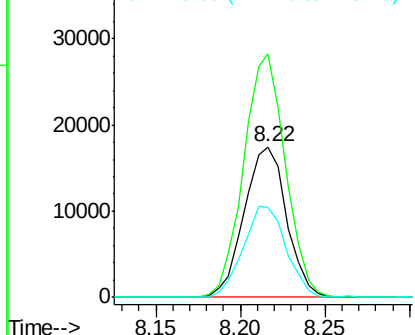
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Tgt Ion:152 Resp: 30318
Ion Ratio Lower Upper
152 100
150 161.5 130.1 195.1
115 59.6 62.2 93.2#



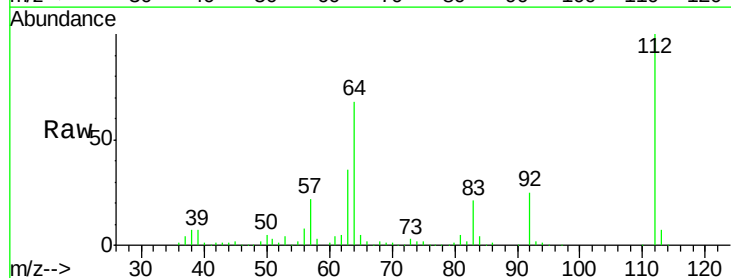
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



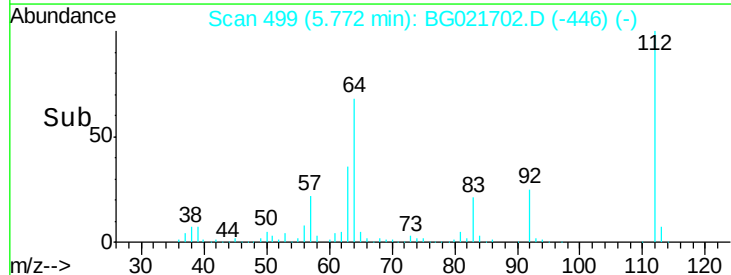
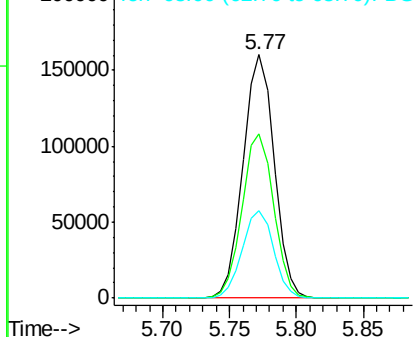
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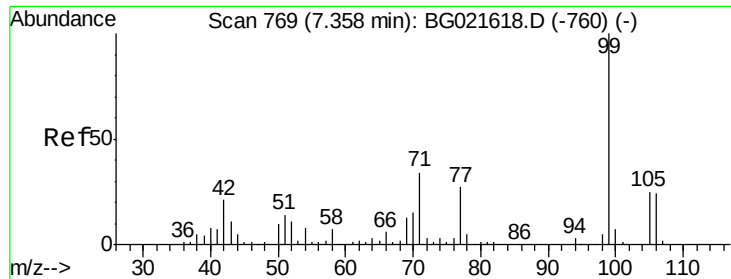
2-Fluorophenol
Concen: 141.58 ng
RT: 5.77 min Scan# 499
Delta R.T. 0.01 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

Tgt Ion:112 Resp: 257771
Ion Ratio Lower Upper
112 100
64 67.5 51.1 76.7
63 35.9 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: 125.86 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021702.D

Acq: 16 Apr 2016 1:53

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-09-CS-3(8-17.5FTBGS)

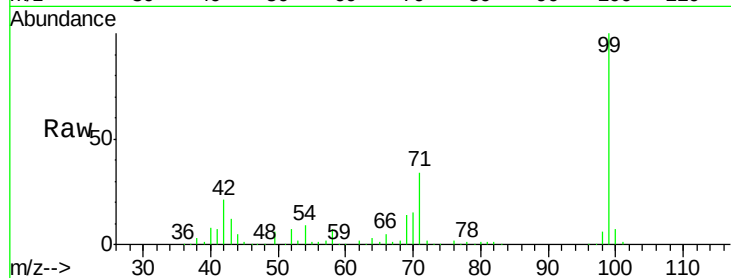
Tgt Ion: 99 Resp: 342271

Ion Ratio Lower Upper

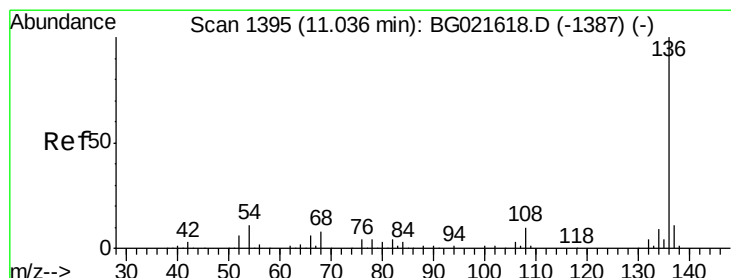
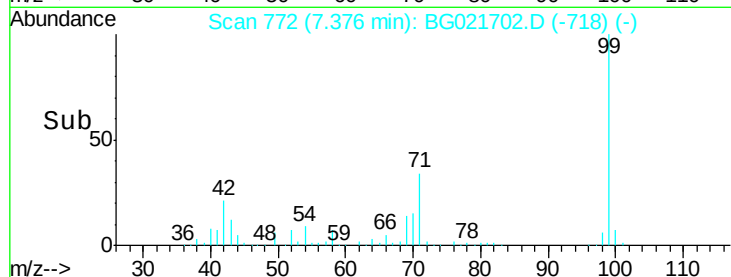
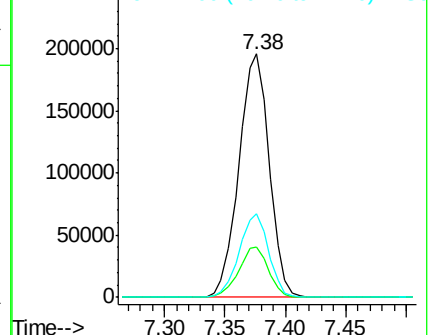
99 100

42 20.9 16.4 24.6

71 34.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG021702.D

Acq: 16 Apr 2016 1:53

Tgt Ion: 136 Resp: 126442

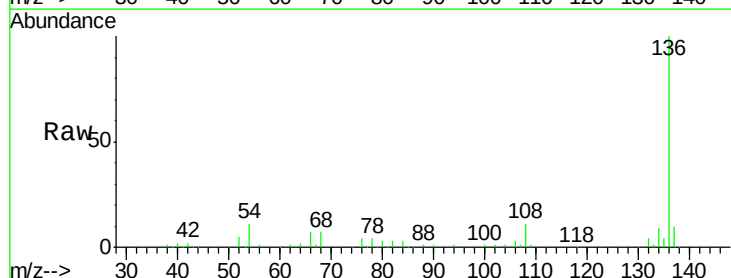
Ion Ratio Lower Upper

136 100

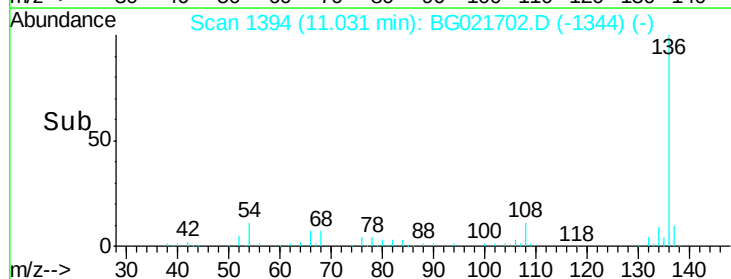
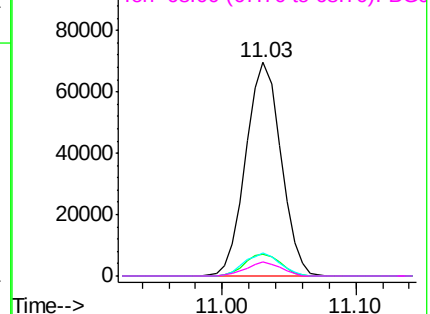
137 10.3 9.0 13.4

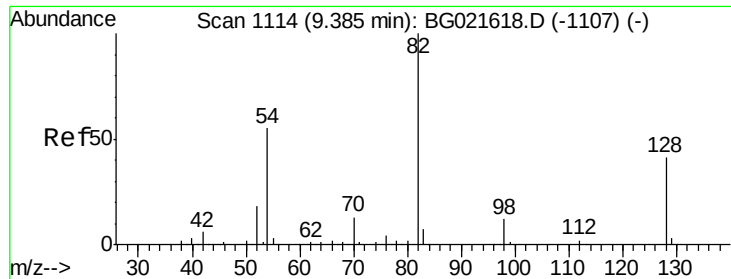
54 10.8 9.6 14.4

68 6.6 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

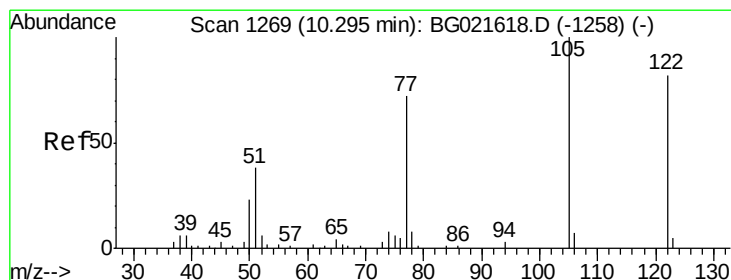
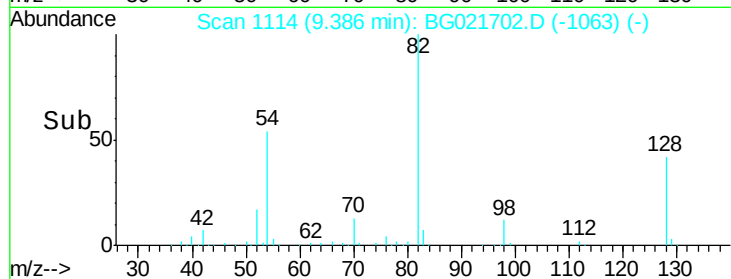
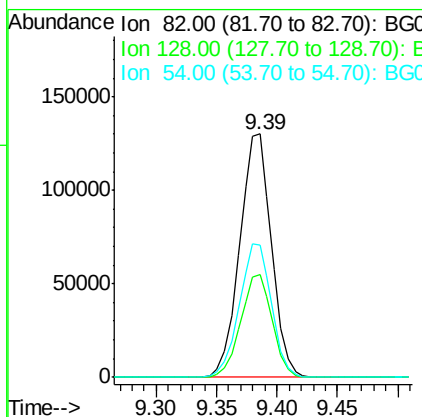
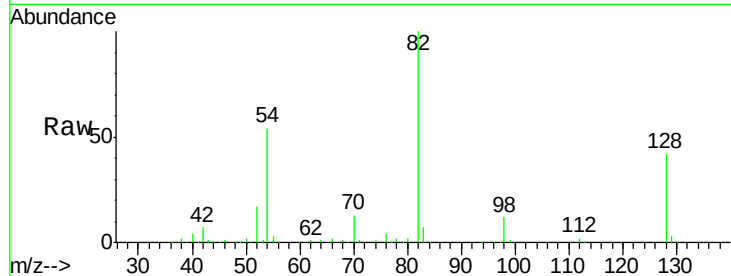




#23
 Nitrobenzene-d5
 Concen: 96.52 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021702.D
 Acq: 16 Apr 2016 1:53

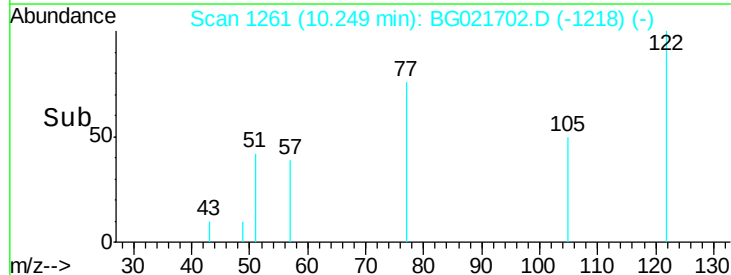
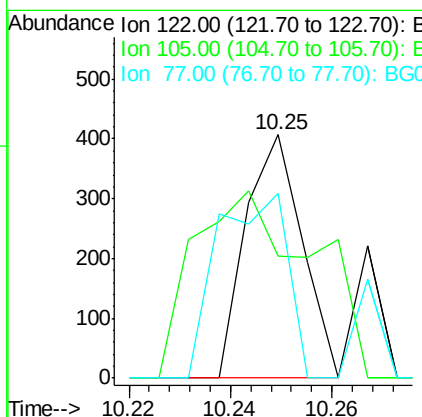
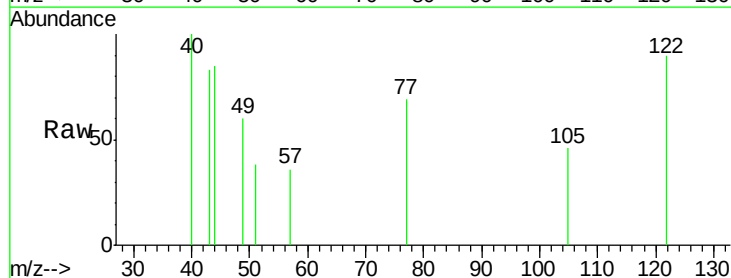
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-09-CS-3(8-17.5FTBGS)

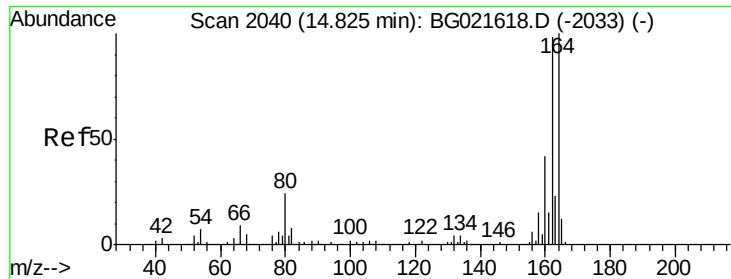
Tgt Ion: 82 Resp: 237438
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.4 50.0
 54 54.1 46.1 69.1



#32
 Benzoic acid
 Concen: 4.54 ng
 RT: 10.25 min Scan# 1261
 Delta R.T. -0.05 min
 Lab File: BG021702.D
 Acq: 16 Apr 2016 1:53

Tgt Ion: 122 Resp: 315
 Ion Ratio Lower Upper
 122 100
 105 50.4 104.5 144.5#
 77 75.9 79.9 119.9#

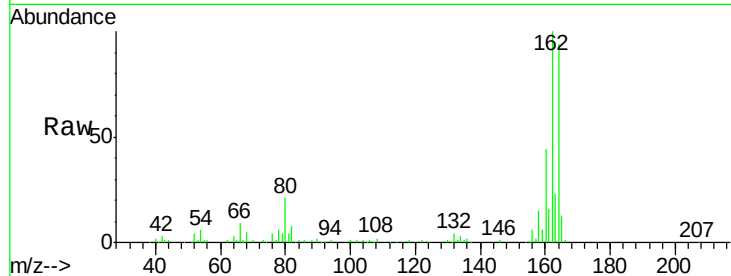




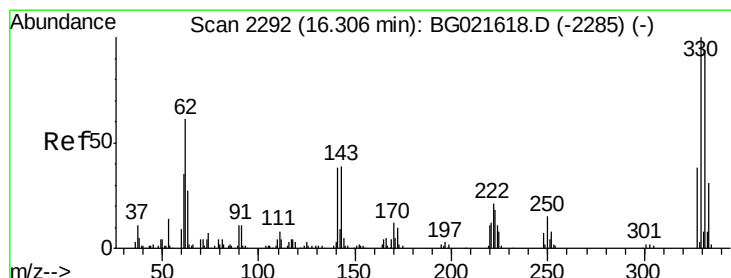
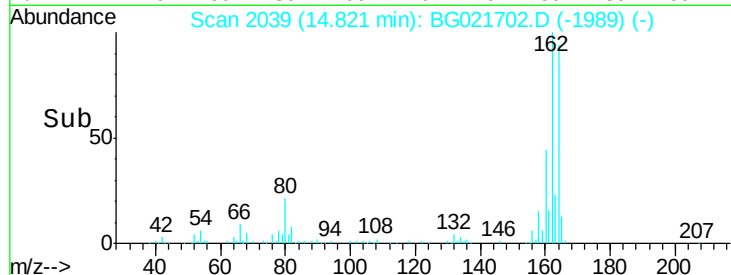
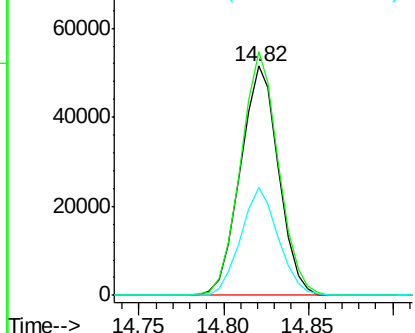
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Tgt Ion:164 Resp: 80445
Ion Ratio Lower Upper
164 100
162 106.3 78.0 117.0
160 47.1 32.9 49.3

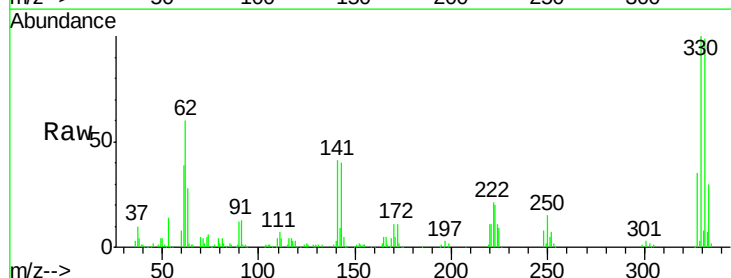


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

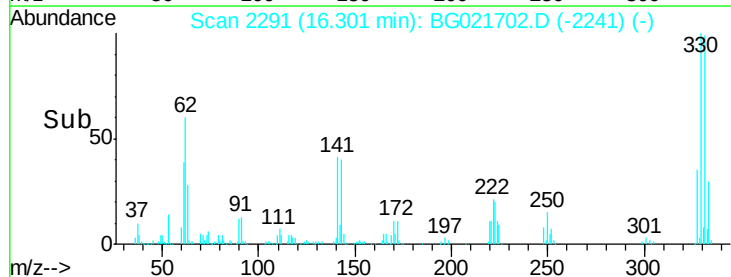
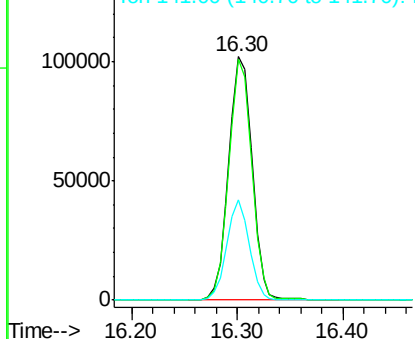


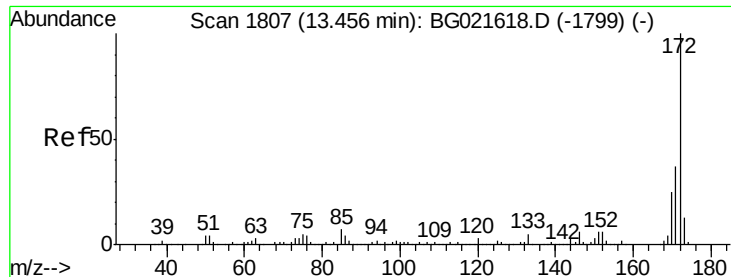
#41
2,4,6-Tribromophenol
Concen: 181.16 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

Tgt Ion:330 Resp: 157061
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 39.5 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

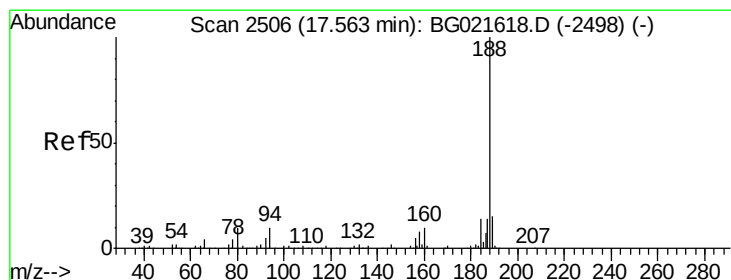
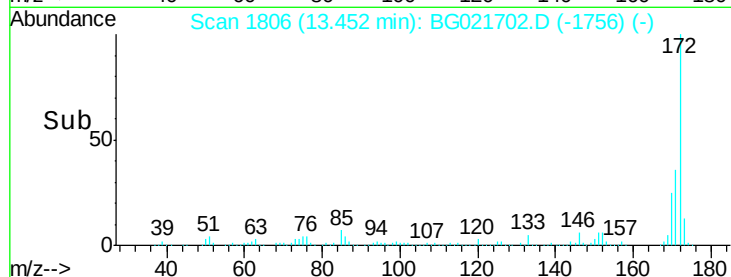
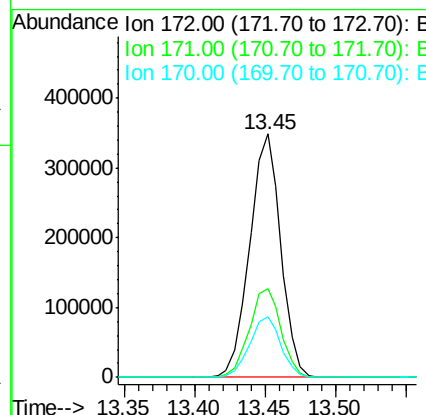
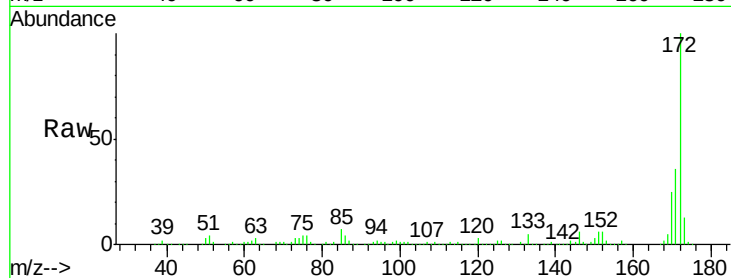




#44
2-Fluorobiphenyl
Concen: 97.56 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

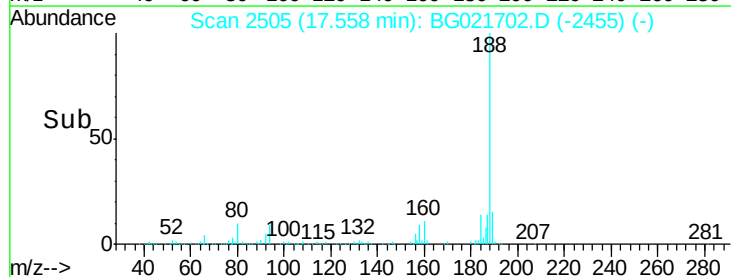
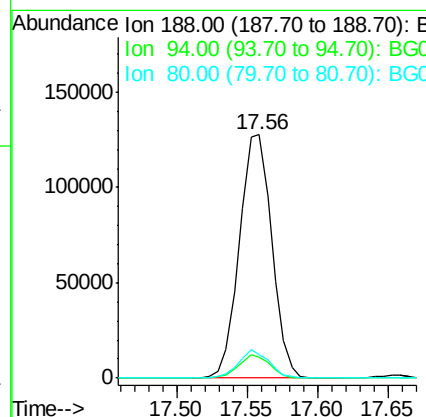
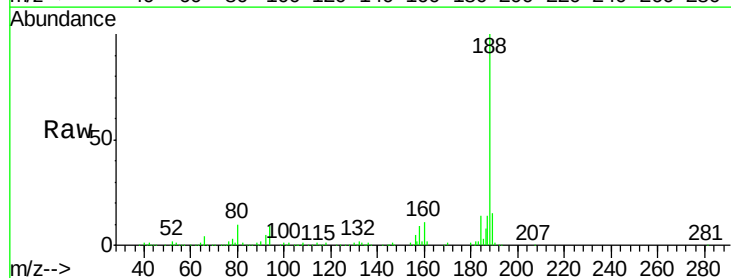
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BNA_G
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FB-BWR-BB-09-CS-3(8-17.5FTBGS)

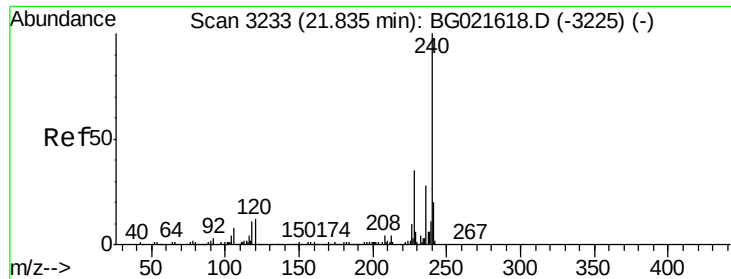
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	25.0	19.6	29.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.8	8.6	13.0

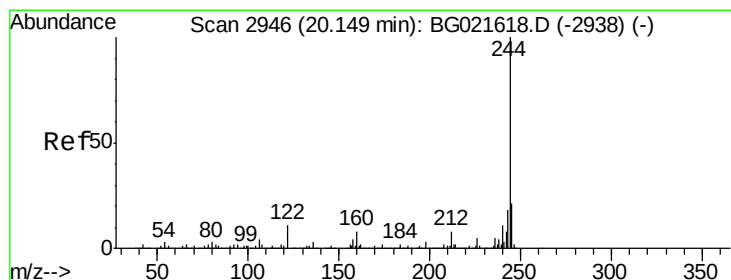
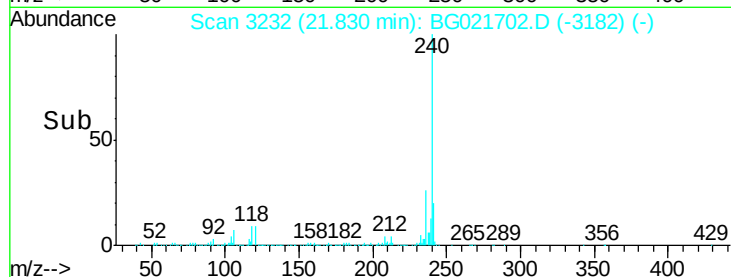
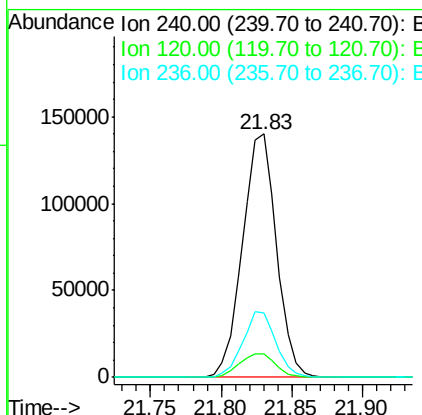
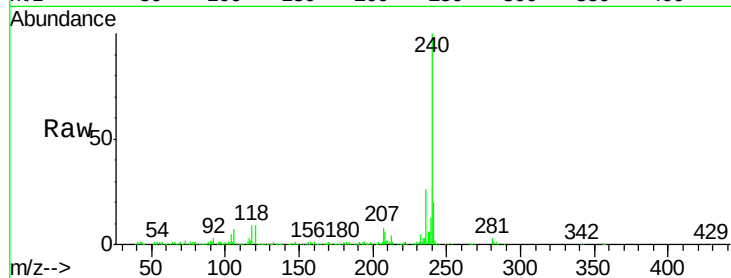




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.00 min
 Lab File: BG021702.D
 Acq: 16 Apr 2016 1:53

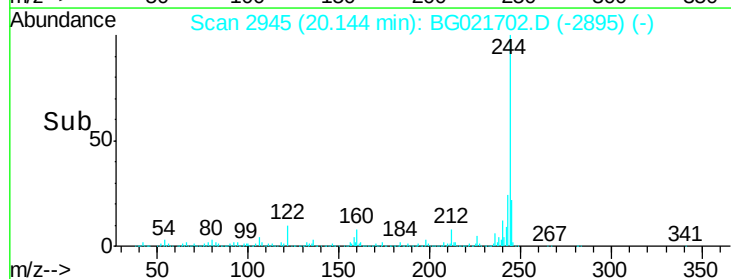
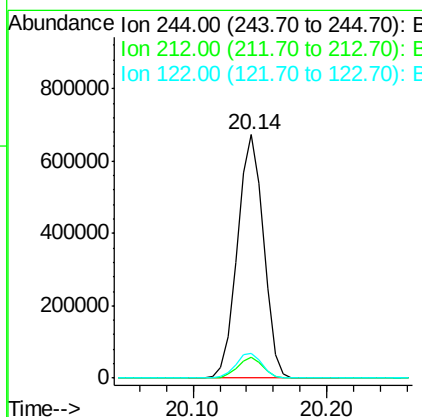
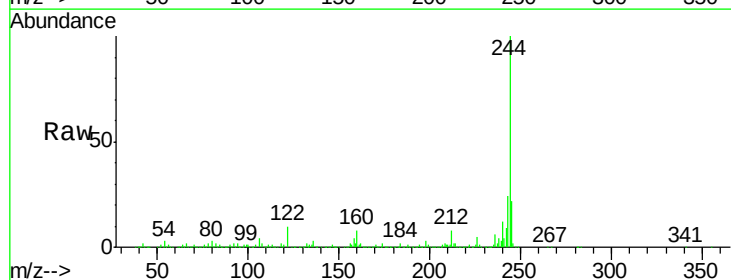
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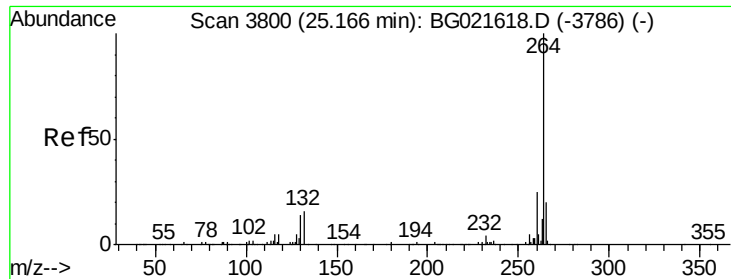
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.4	19.6	29.4



#78
 Terphenyl-d14
 Concen: 95.97 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: BG021702.D
 Acq: 16 Apr 2016 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.3	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021702.D
Acq: 16 Apr 2016 1:53

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-09-CS-3(8-17.5FTBGS)

Tgt Ion:	264	Resp:	215780
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	21.4	17.8	26.8

