

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
 Data File : BG021775.D
 Acq On : 20 Apr 2016 4:14
 Operator : UM/SJ
 Sample : H2617-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-931WB(N)(19)

Quant Time: Apr 20 04:59:18 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

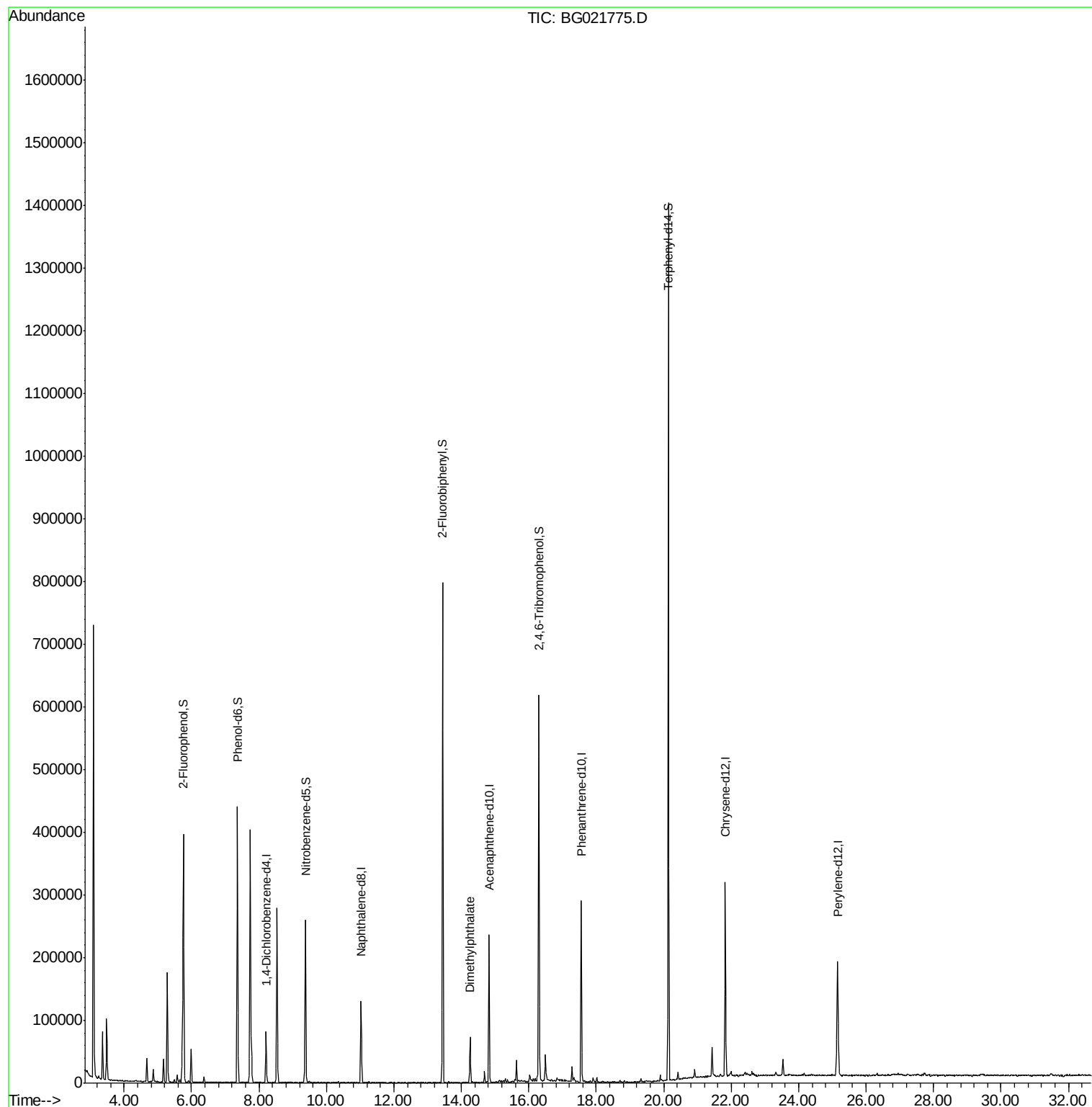
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	24333	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	112997	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	81053	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	181403	20.00	ng	0.00
75) Chrysene-d12	21.83	240	196430	20.00	ng	0.00
86) Perylene-d12	25.15	264	195190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	170916	116.97	ng	0.00
7) Phenol-d6	7.36	99	263249	120.61	ng	0.00
23) Nitrobenzene-d5	9.38	82	163055	74.17	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	111574	127.73	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	423139	76.49	ng	0.00
78) Terphenyl-d14	20.14	244	623534	79.21	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.26	163	48484	6.92	ng	98

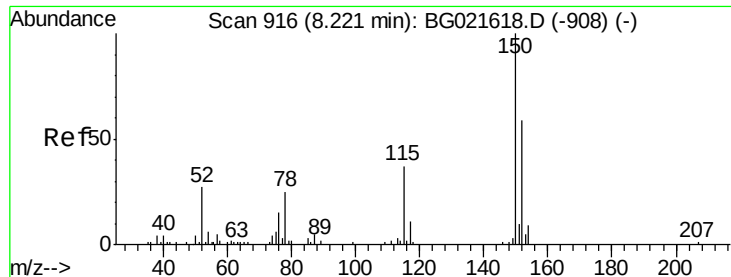
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021775.D

Acq: 20 Apr 2016 4:14

Instrument :

BNA_G

ClientSampleId :

B-931WB(N)(19)

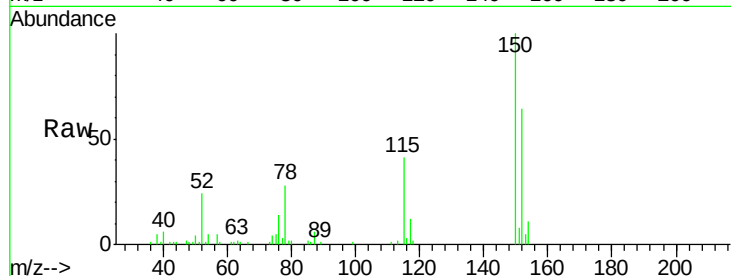
Tot Ion:152 Resp: 24333

Ion Ratio Lower Upper

152 100

150 155.5 130.1 195.1

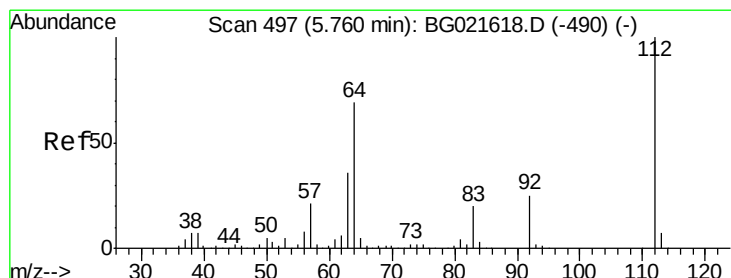
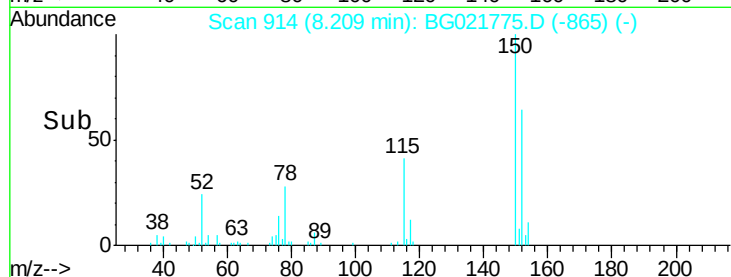
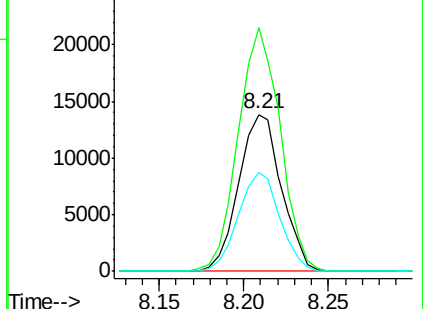
115 63.2 62.2 93.2



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: 116.97 ng

RT: 5.76 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG021775.D

Acq: 20 Apr 2016 4:14

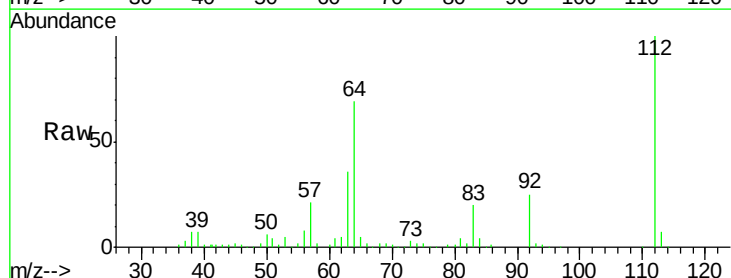
Tgt Ion:112 Resp: 170916

Ion Ratio Lower Upper

112 100

64 68.7 51.1 76.7

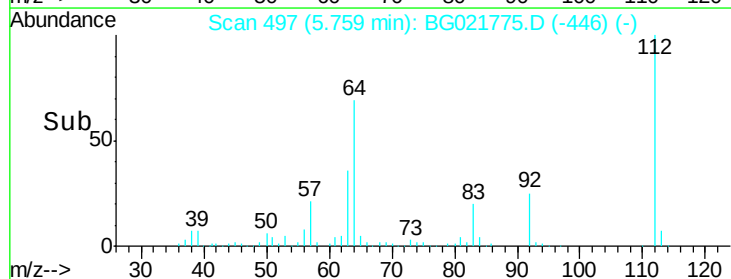
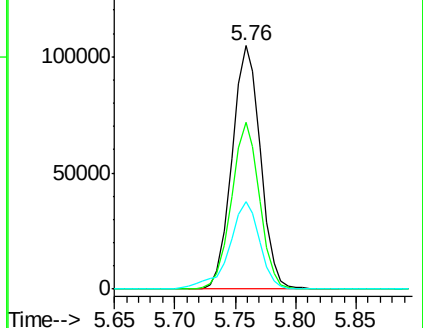
63 36.0 24.6 37.0

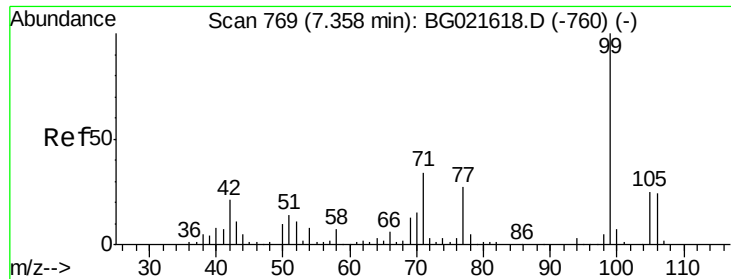


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.61 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021775.D

Acq: 20 Apr 2016 4:14

Instrument :

BNA_G

ClientSampleId :

B-931WB(N)(19)

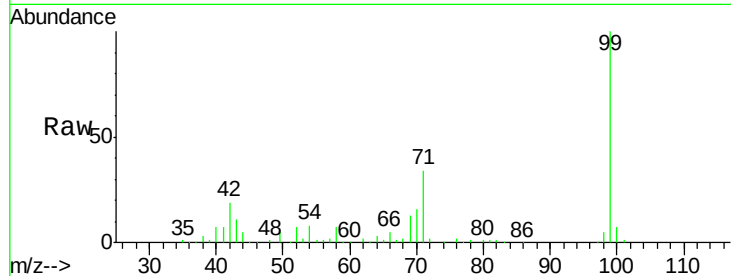
Tot Ion: 99 Resp: 263249

Ion Ratio Lower Upper

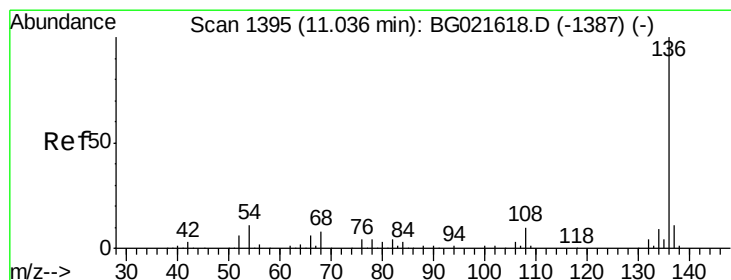
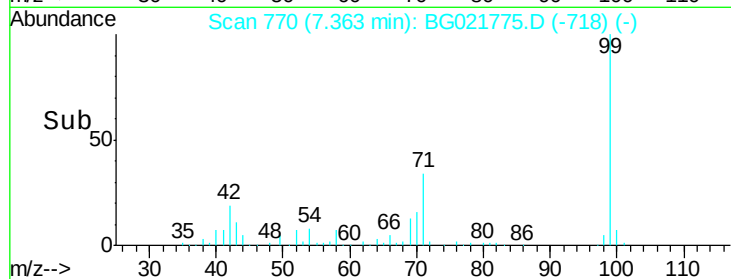
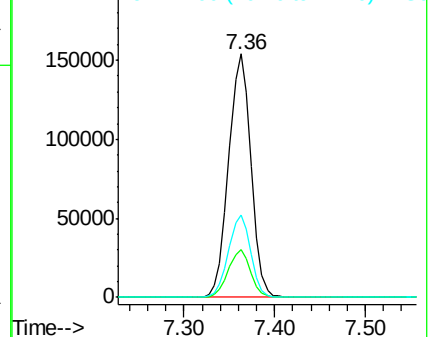
99 100

42 19.5 16.4 24.6

71 33.7 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. -0.01 min

Lab File: BG021775.D

Acq: 20 Apr 2016 4:14

Tgt Ion: 136 Resp: 112997

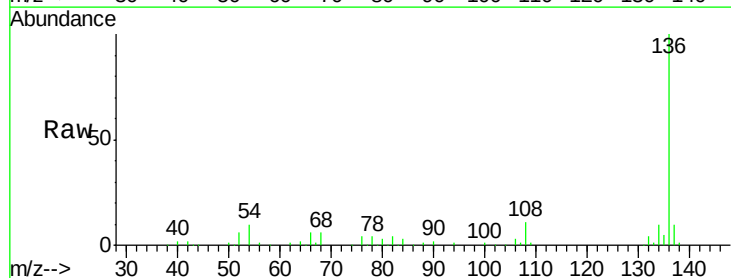
Ion Ratio Lower Upper

136 100

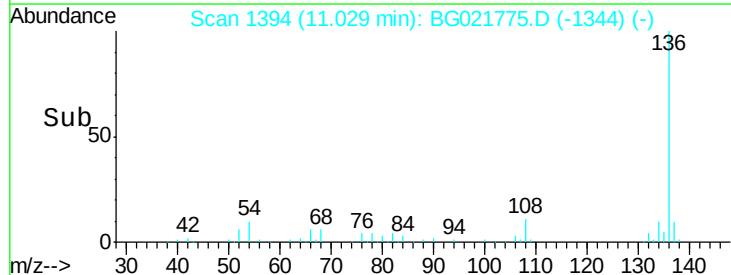
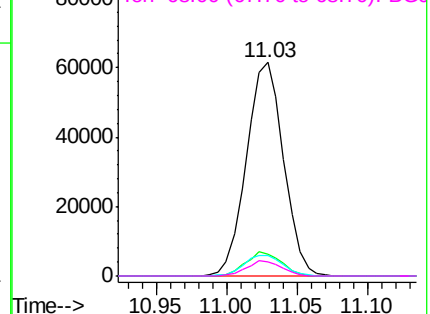
137 10.3 9.0 13.4

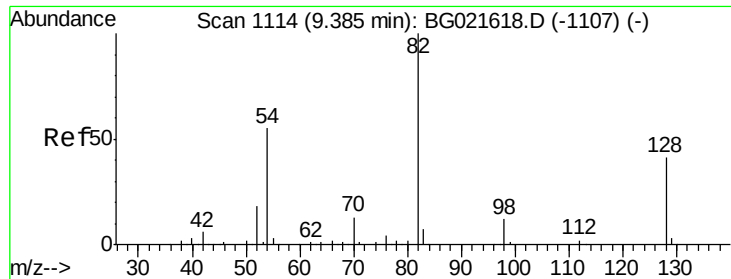
54 9.8 9.6 14.4

68 6.4 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

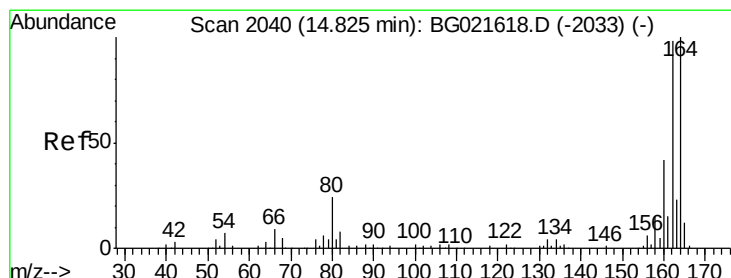
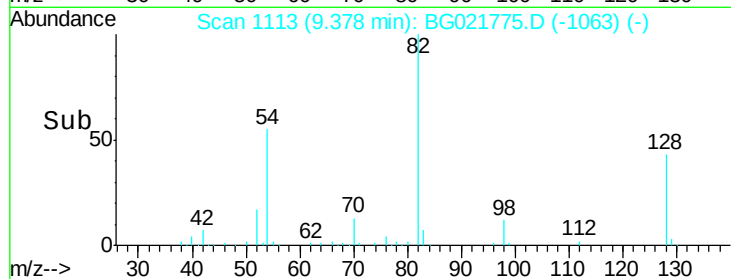
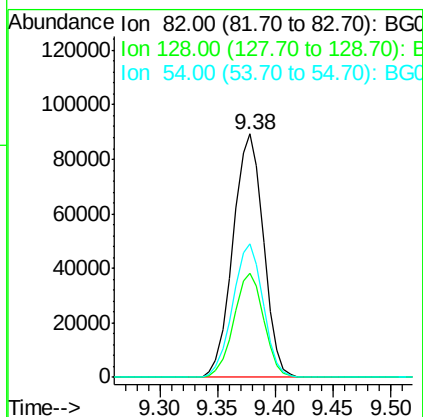
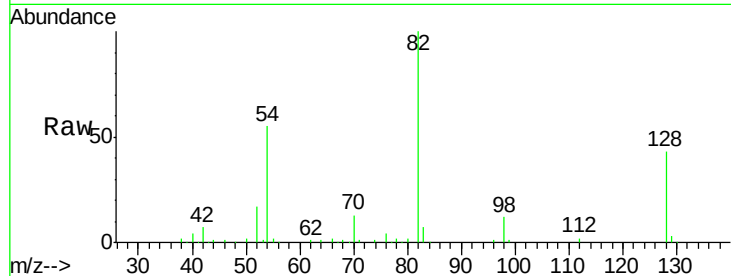




#23
Nitrobenzene-d5
Concen: 74.17 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021775.D
Acq: 20 Apr 2016 4:14

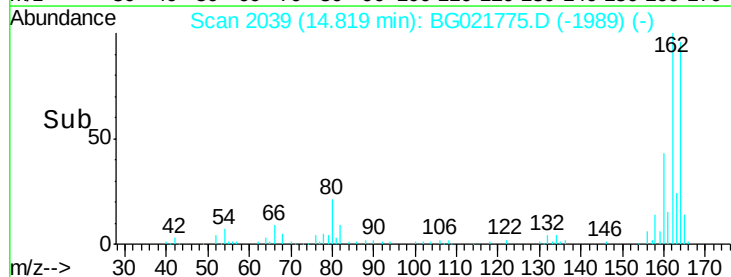
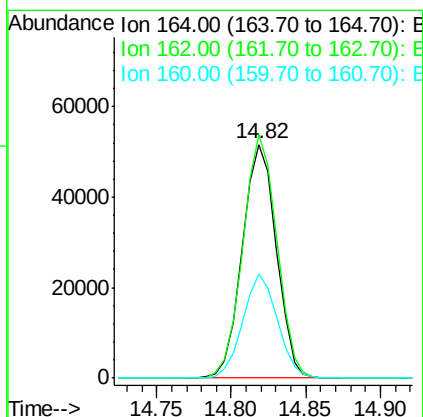
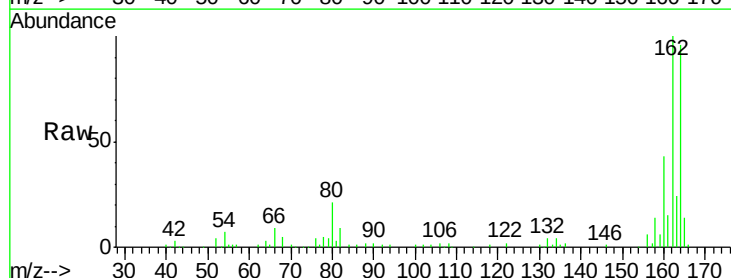
Instrument :
BNA_G
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B-931WB(N)(19)

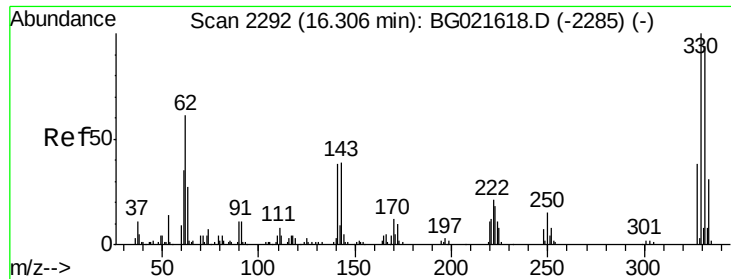
Tot Ion	82	Resp	163055
Ion Ratio	Lower	Upper	
82	100		
128	43.0	33.4	50.0
54	54.8	46.1	69.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021775.D
Acq: 20 Apr 2016 4:14

Tgt Ion	164	Resp	81053
Ion Ratio	Lower	Upper	
164	100		
162	104.3	78.0	117.0
160	44.3	32.9	49.3

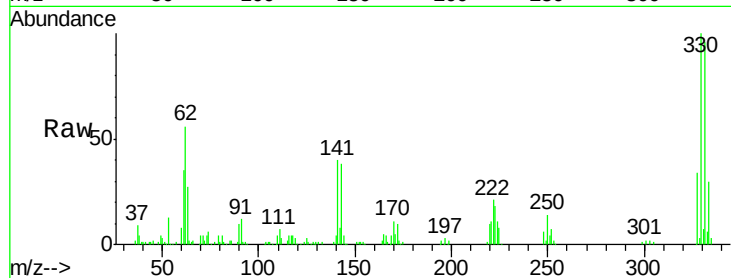




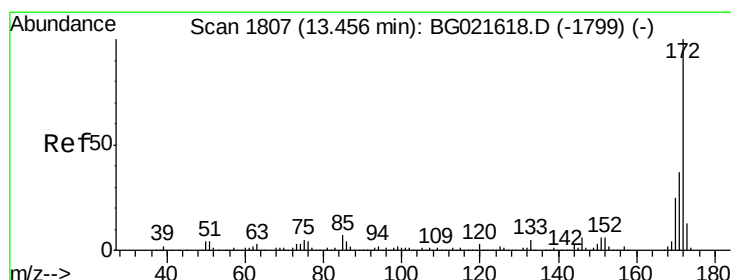
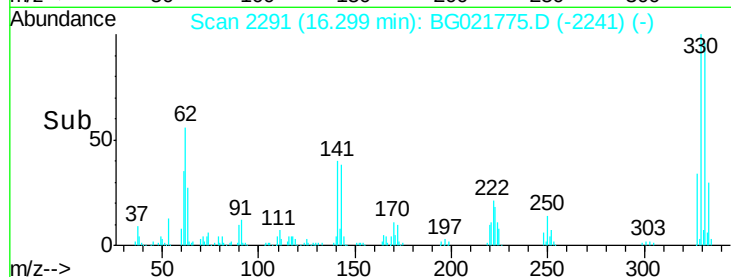
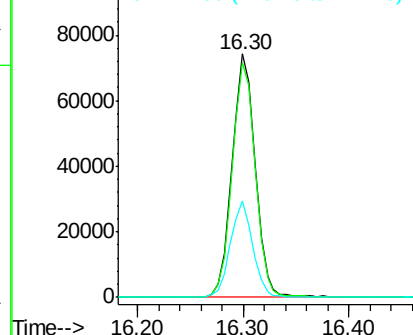
#41
 2,4,6-Tribromophenol
 Concen: 127.73 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021775.D
 Acq: 20 Apr 2016 4:14

Instrument :
 BNA_G
 ClientSampleId :
 B-931WB(N)(19)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	38.2	33.8	50.8

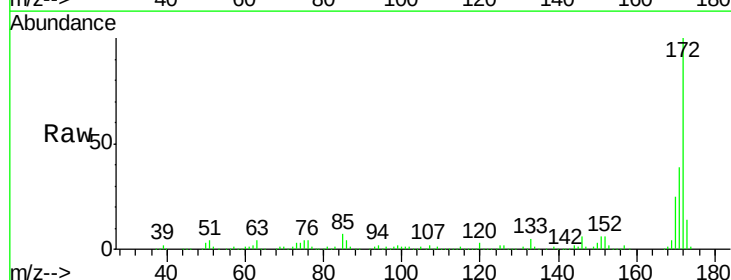


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

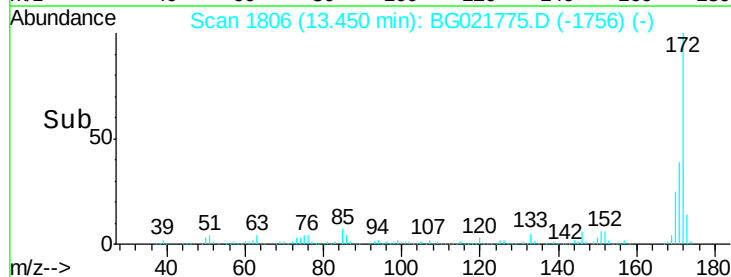
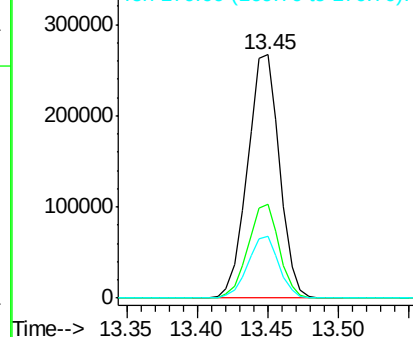


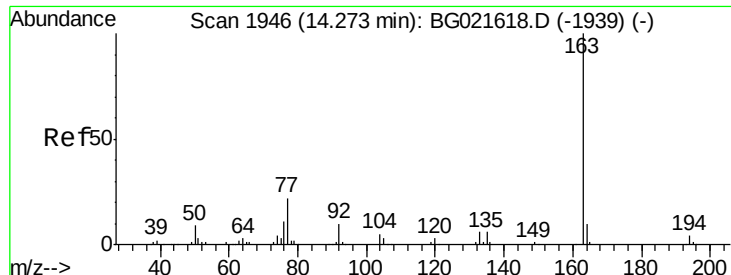
#44
 2-Fluorobiphenyl
 Concen: 76.49 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021775.D
 Acq: 20 Apr 2016 4:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	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: 6.92 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021775.D

Acq: 20 Apr 2016 4:14

Instrument :

BNA_G

ClientSampleId :

B-931WB(N)(19)

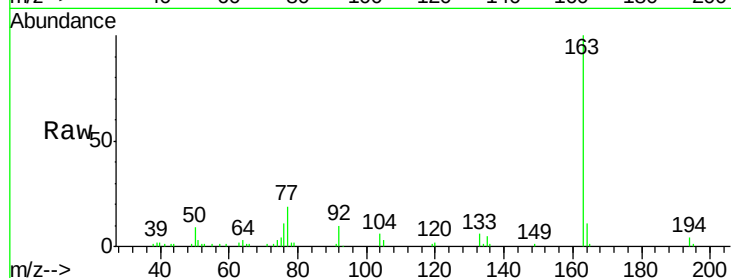
Tot Ion:163 Resp: 48484

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

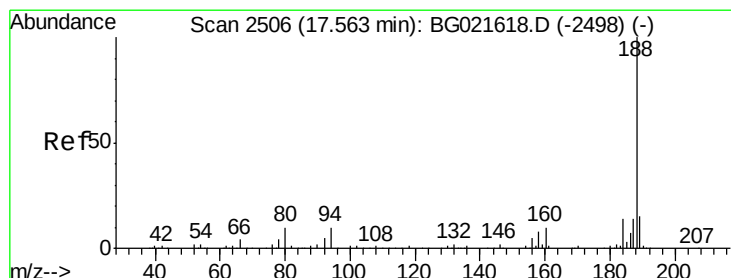
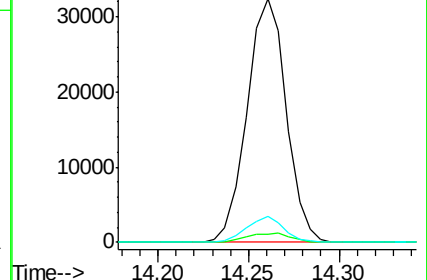
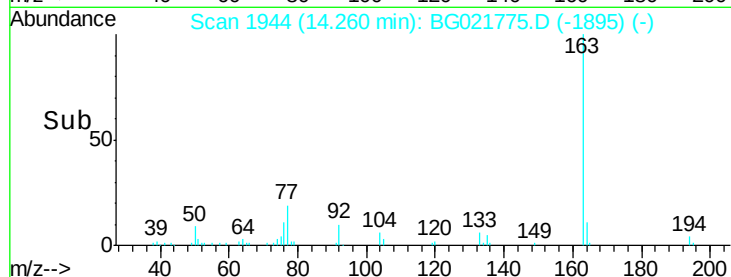
164 10.8 8.1 12.1



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: BG021775.D

Acq: 20 Apr 2016 4:14

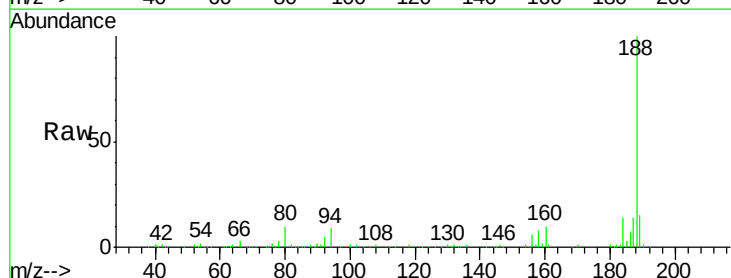
Tgt Ion:188 Resp: 181403

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

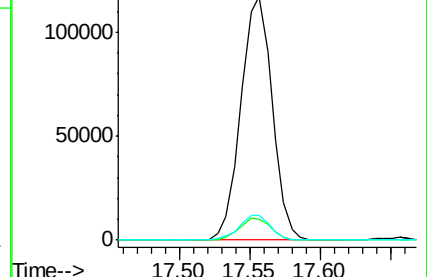
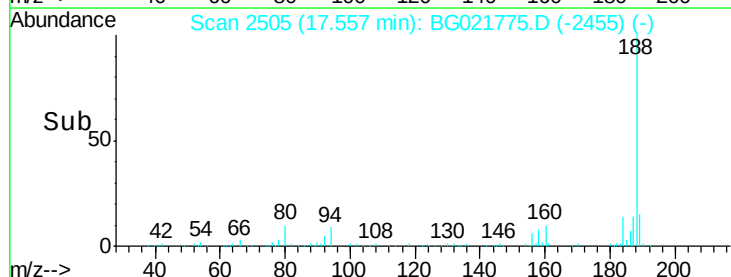
80 10.4 8.6 13.0

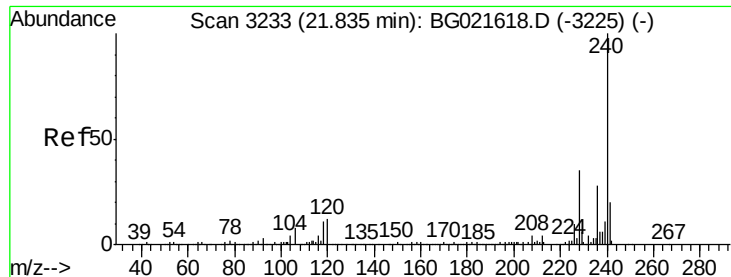


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021775.D

Acq: 20 Apr 2016 4:14

Instrument :

BNA_G

ClientSampleId :

B-931WB(N)(19)

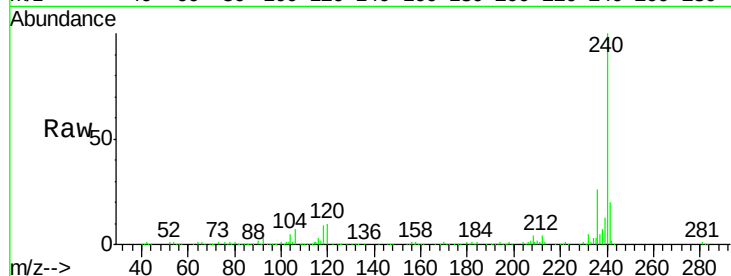
Tot Ion:240 Resp: 196430

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

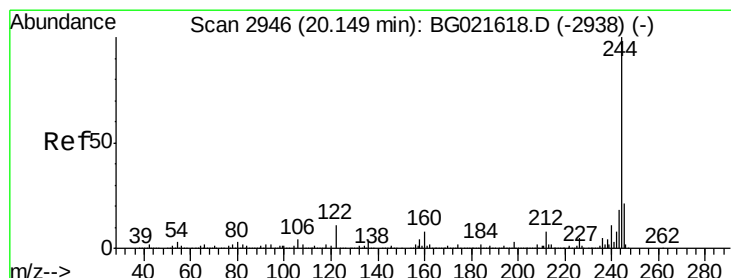
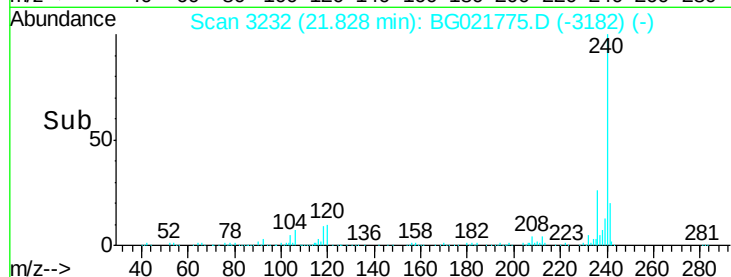
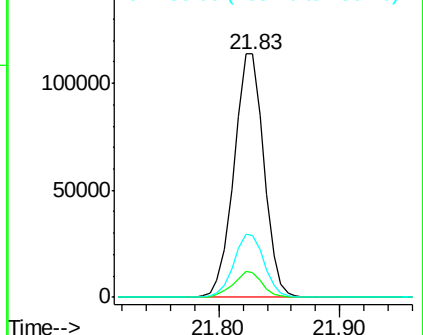
236 25.5 19.6 29.4



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: 79.21 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021775.D

Acq: 20 Apr 2016 4:14

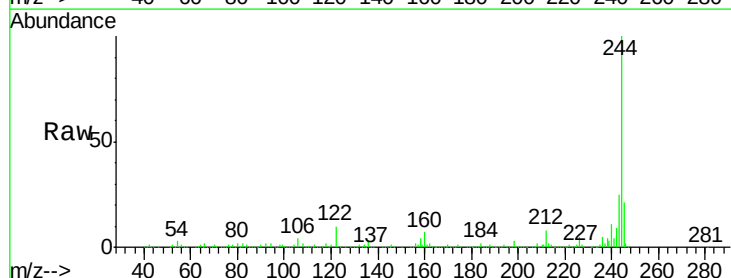
Tgt Ion:244 Resp: 623534

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

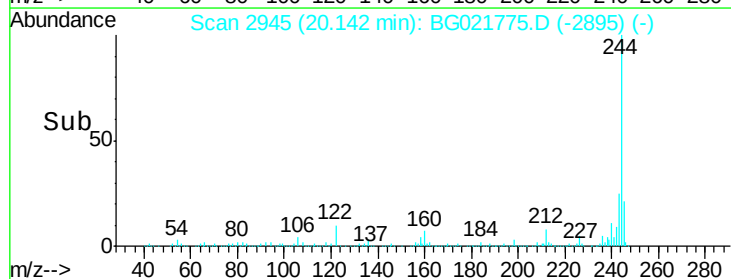
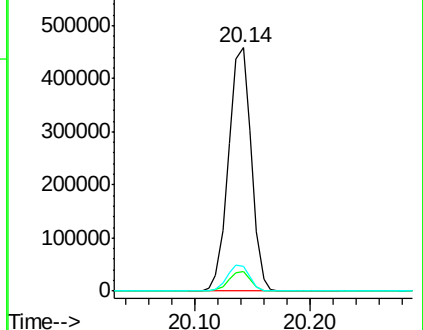
122 10.0 8.6 12.8

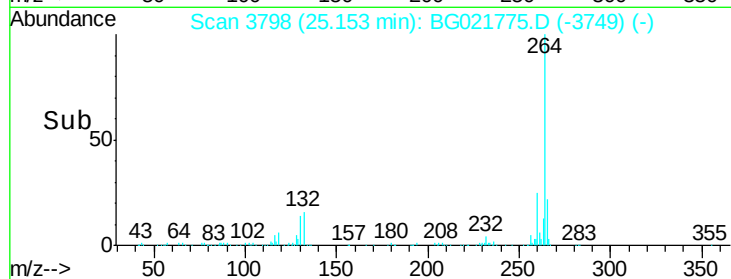
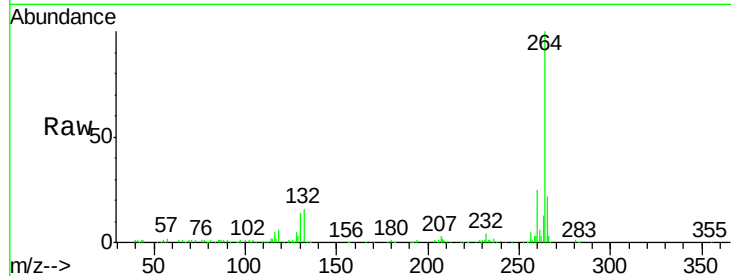
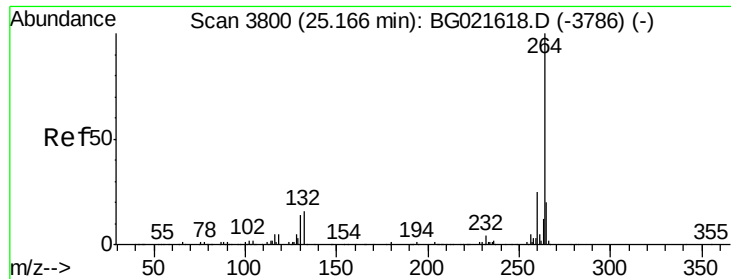


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021775.D
Acq: 20 Apr 2016 4:14

Instrument :
BNA_G
ClientSampleId :
B-931WB(N)(19)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	22.1	17.8	26.8

