

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022460.D
 Acq On : 21 Jun 2016 3:41
 Operator : UM/SJ
 Sample : H3679-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-28

Quant Time: Jun 21 06:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 03:17:27 2016
 Response via : Initial Calibration

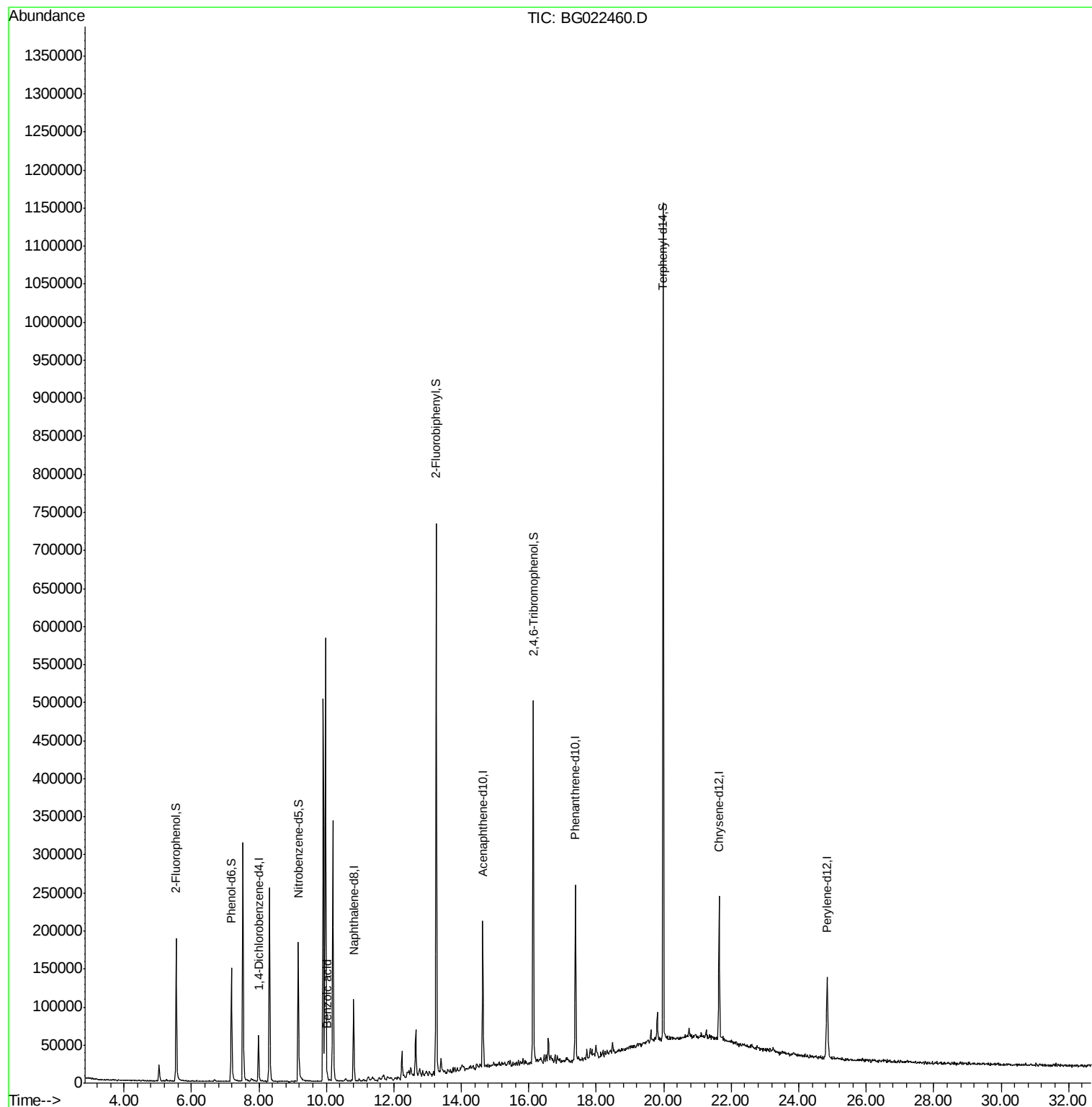
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	21792	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	112384	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	69030	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	145892	20.00	ng	0.00
75) Chrysene-d12	21.64	240	111709	20.00	ng	0.00
86) Perylene-d12	24.84	264	101300	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	126878	112.57	ng	0.00
7) Phenol-d6	7.18	99	143323	80.88	ng	0.00
23) Nitrobenzene-d5	9.16	82	154383	95.77	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	91520	117.33	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	420906	92.92	ng	0.00
78) Terphenyl-d14	19.98	244	484495	102.97	ng	0.00
Target Compounds						
32) Benzoic acid	10.03	122	163	7.60	ng	Qvalue # 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG022460.D

Acq: 21 Jun 2016 3:41

Instrument :

BNA_G

ClientSampleId :

W-28

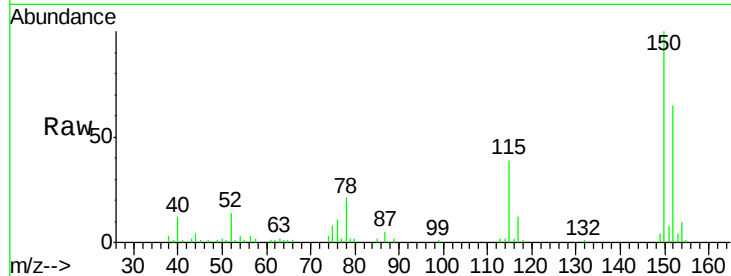
Tgt Ion:152 Resp: 21792

Ion Ratio Lower Upper

152 100

150 155.0 130.1 195.1

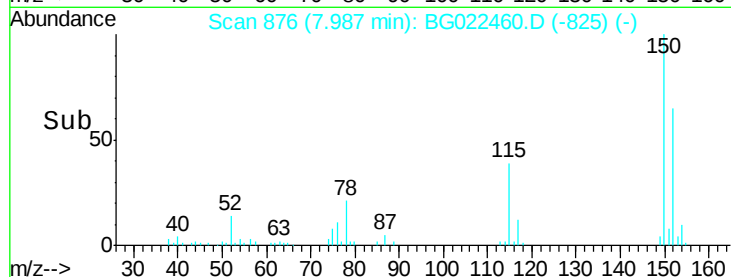
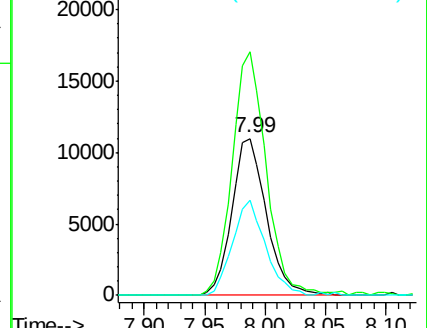
115 60.6 62.2 93.2#



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



#5

2-Fluorophenol

Concen: 112.57 ng

RT: 5.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BG022460.D

Acq: 21 Jun 2016 3:41

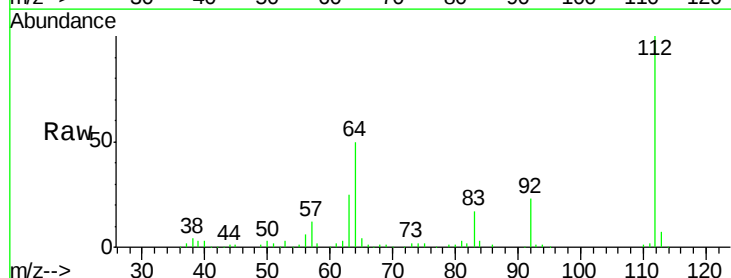
Tgt Ion:112 Resp: 126878

Ion Ratio Lower Upper

112 100

64 49.6 51.1 76.7#

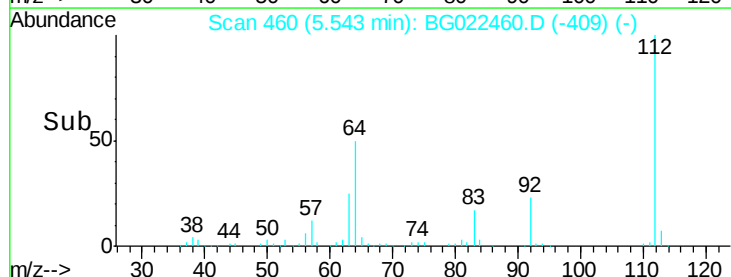
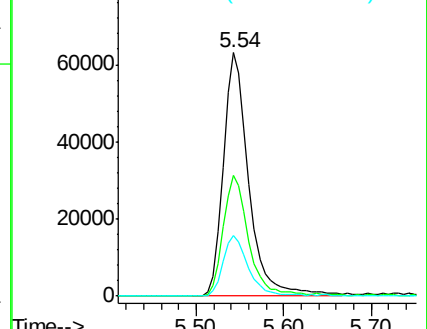
63 24.9 24.6 37.0



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: 80.88 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG022460.D

Acq: 21 Jun 2016 3:41

Instrument :

BNA_G

ClientSampleId :

W-28

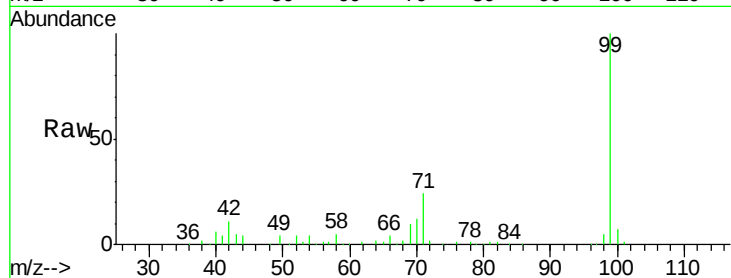
Tgt Ion: 99 Resp: 143323

Ion Ratio Lower Upper

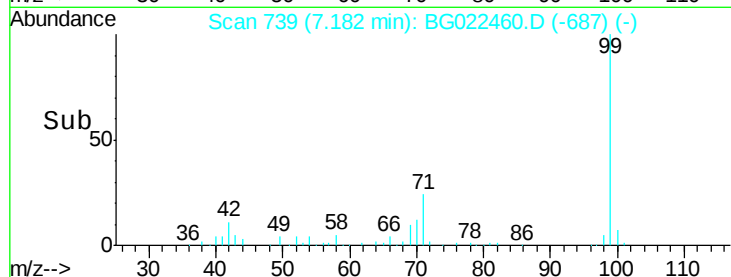
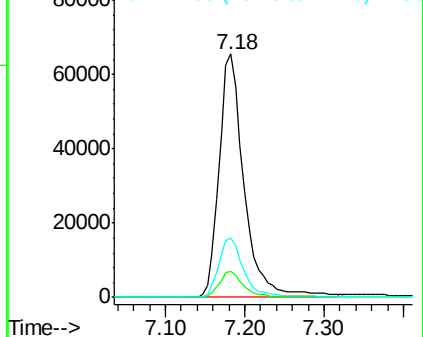
99 100

42 10.5 16.4 24.6#

71 24.3 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: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022460.D

Acq: 21 Jun 2016 3:41

Tgt Ion: 136 Resp: 112384

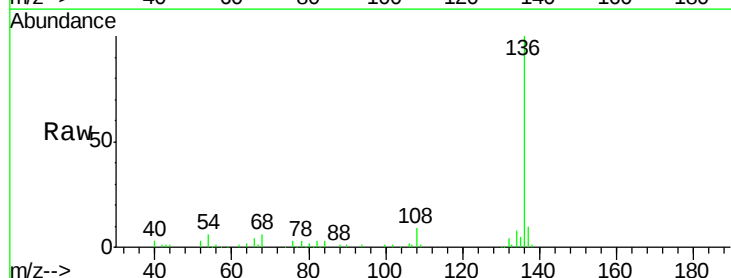
Ion Ratio Lower Upper

136 100

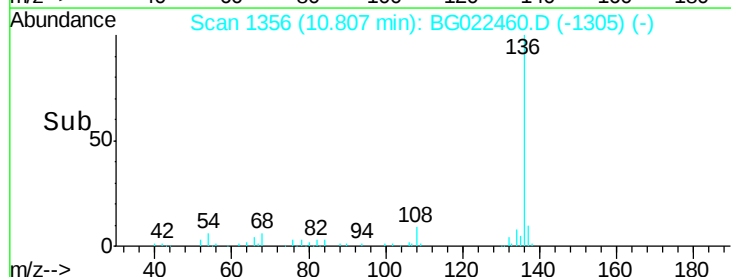
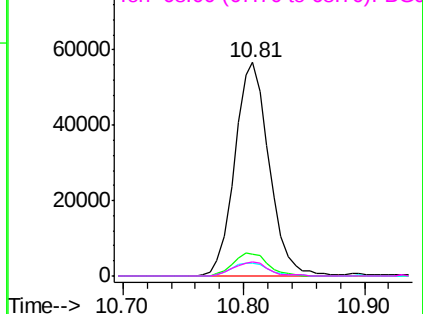
137 10.0 9.0 13.4

54 6.3 9.6 14.4#

68 6.5 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

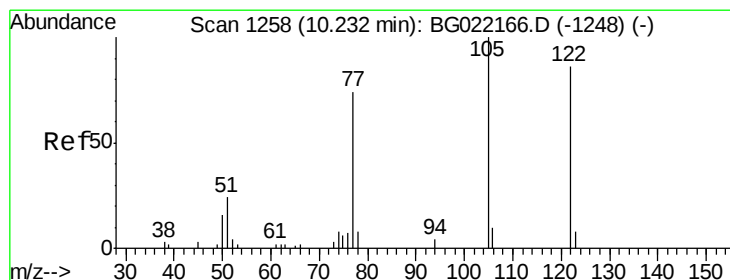
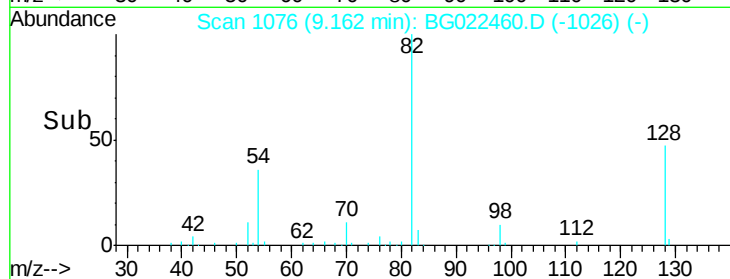
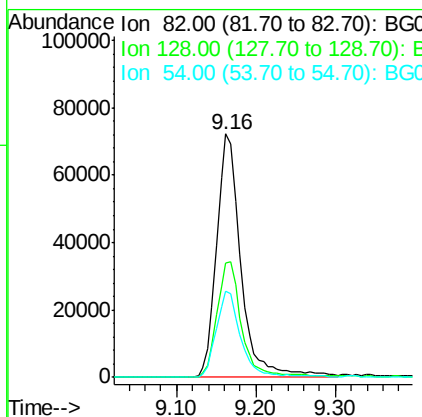
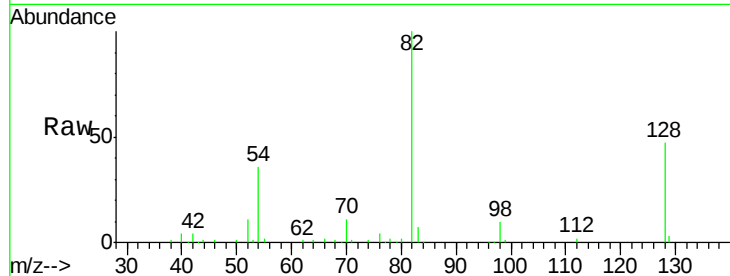




#23
 Nitrobenzene-d5
 Concen: 95.77 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG022460.D
 Acq: 21 Jun 2016 3:41

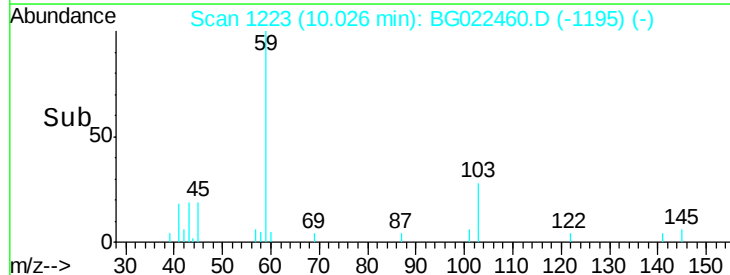
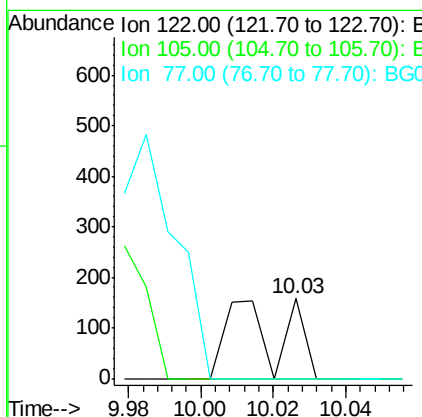
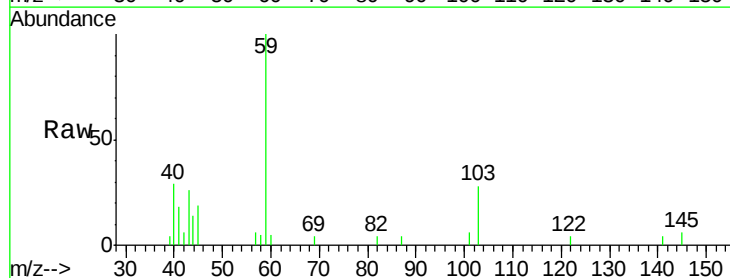
Instrument :
 BNA_G
 ClientSampleId :
 W-28

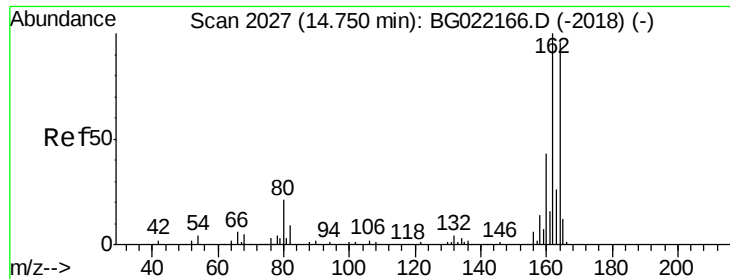
Tgt Ion: 82 Resp: 154383
 Ion Ratio Lower Upper
 82 100
 128 46.9 33.4 50.0
 54 35.6 46.1 69.1#



#32
 Benzoic acid
 Concen: 7.60 ng
 RT: 10.03 min Scan# 1223
 Delta R.T. -0.14 min
 Lab File: BG022460.D
 Acq: 21 Jun 2016 3:41

Tgt Ion: 122 Resp: 163
 Ion Ratio Lower Upper
 122 100
 105 0.0 104.5 144.5#
 77 0.0 79.9 119.9#

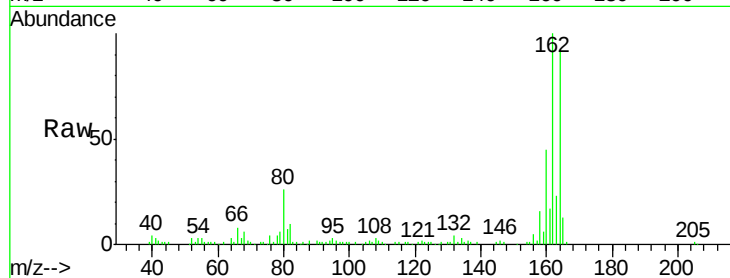




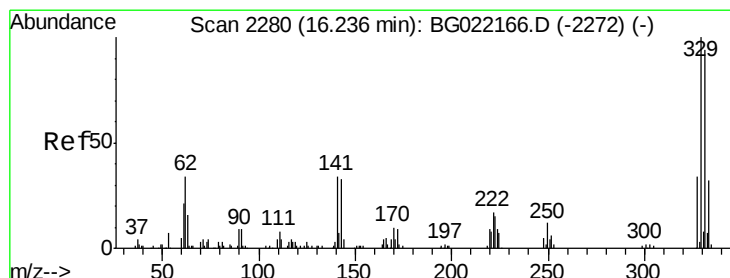
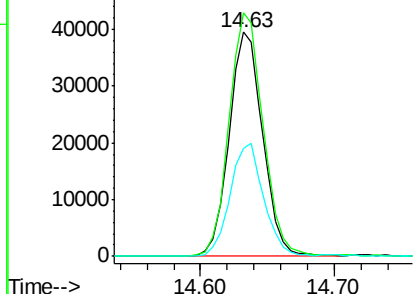
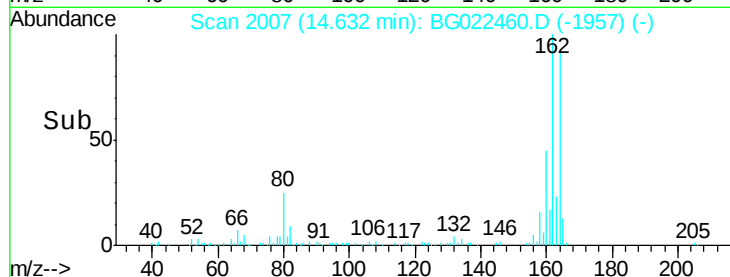
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG022460.D
Acq: 21 Jun 2016 3:41

Instrument :
BNA_G
ClientSampleId :
W-28

Tgt Ion:164 Resp: 69030
Ion Ratio Lower Upper
164 100
162 108.5 78.0 117.0
160 48.4 32.9 49.3

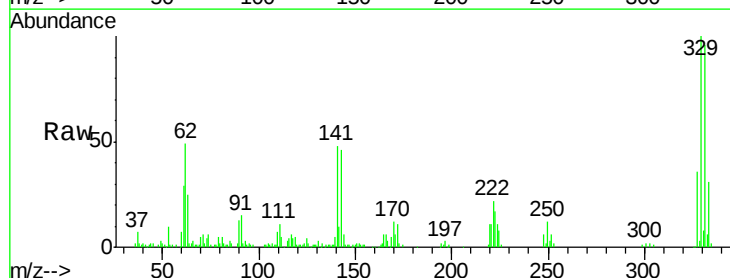


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

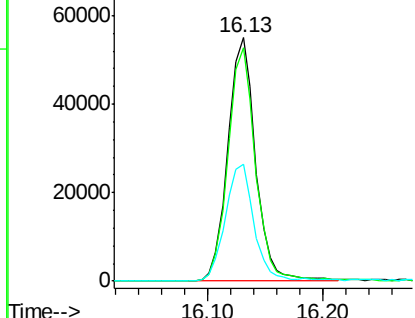
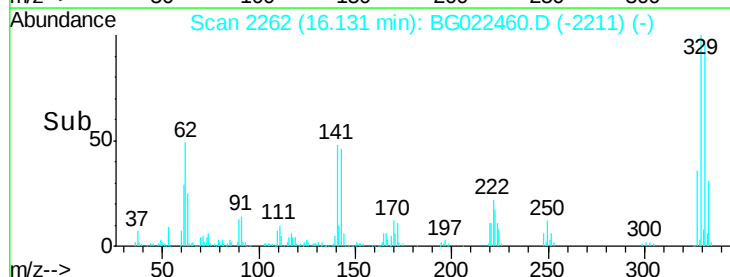


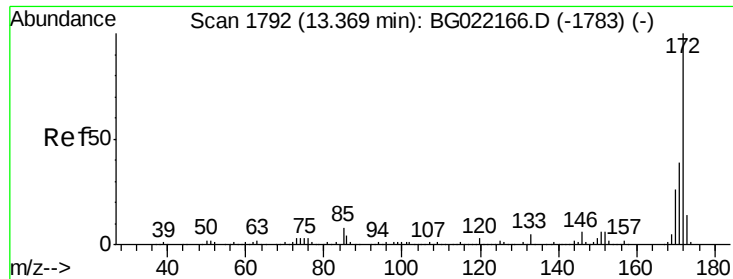
#41
2,4,6-Tribromophenol
Concen: 117.33 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022460.D
Acq: 21 Jun 2016 3:41

Tgt Ion:330 Resp: 91520
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 49.1 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

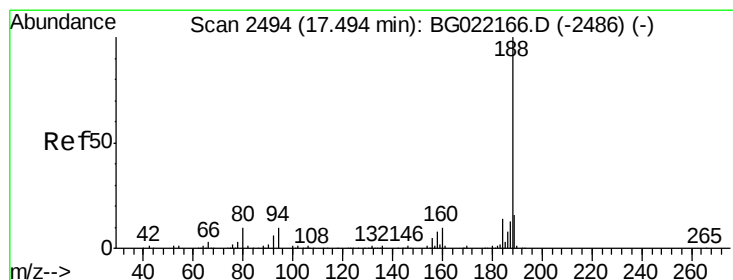
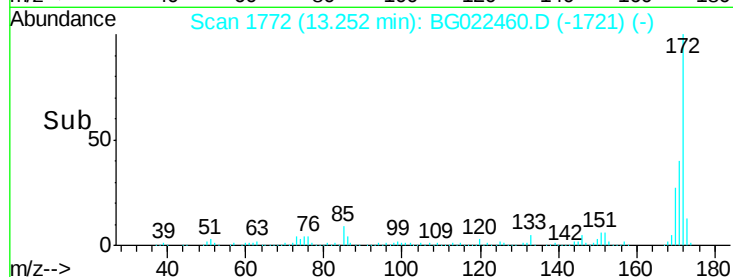
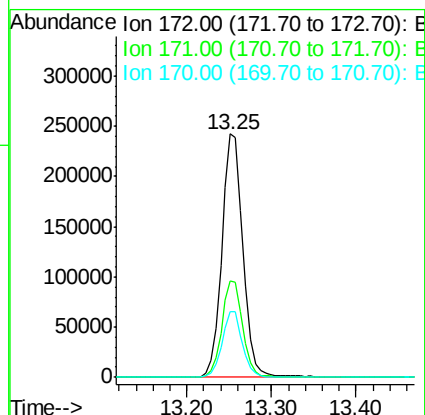
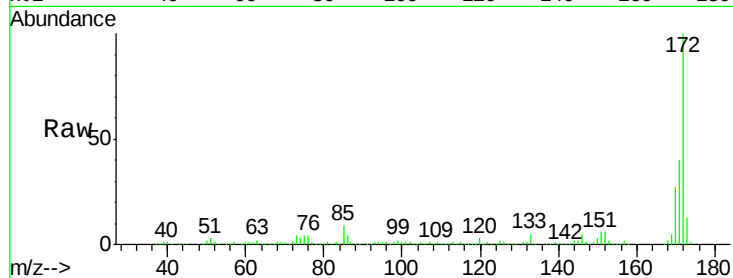




#44
 2-Fluorobiphenyl
 Concen: 92.92 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG022460.D
 Acq: 21 Jun 2016 3:41

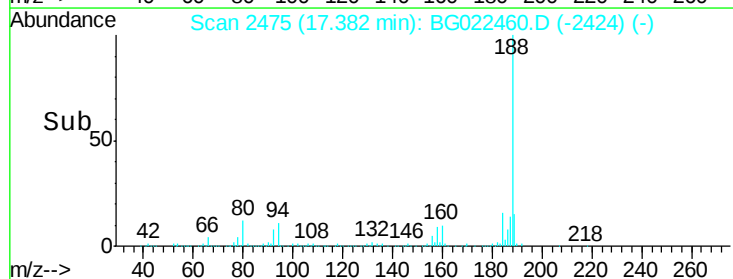
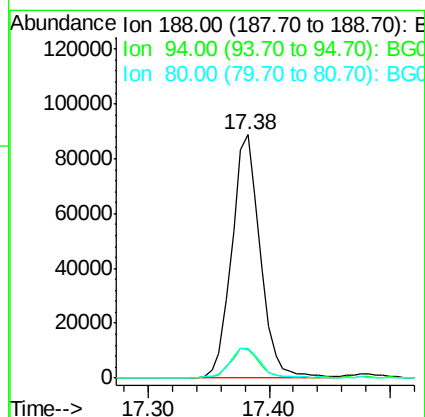
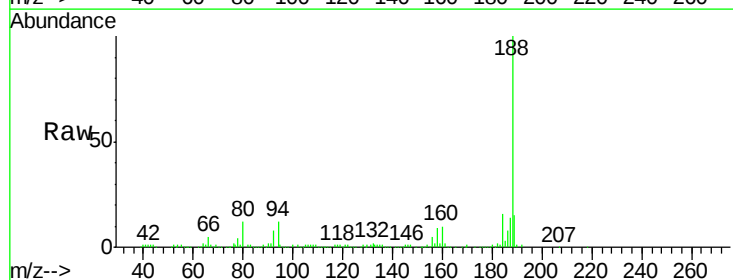
Instrument :
 BNA_G
 ClientSampleId :
 W-28

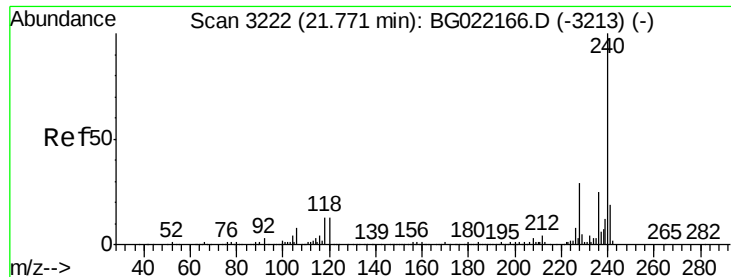
Tgt Ion:172 Resp: 420906
 Ion Ratio Lower Upper
 172 100
 171 39.7 27.8 41.6
 170 26.9 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2475
 Delta R.T. 0.00 min
 Lab File: BG022460.D
 Acq: 21 Jun 2016 3:41

Tgt Ion:188 Resp: 145892
 Ion Ratio Lower Upper
 188 100
 94 11.7 7.5 11.3#
 80 12.5 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3200

Delta R.T. 0.00 min

Lab File: BG022460.D

Acq: 21 Jun 2016 3:41

Instrument :

BNA_G

ClientSampleId :

W-28

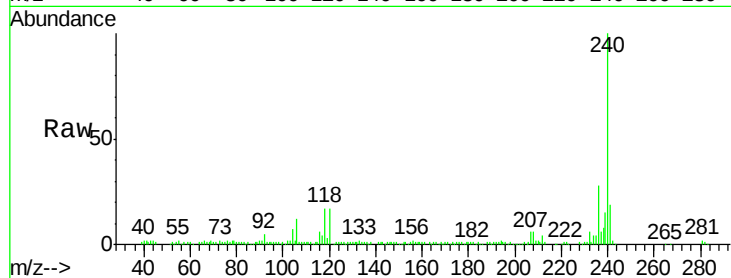
Tgt Ion:240 Resp: 111709

Ion Ratio Lower Upper

240 100

120 16.7 8.4 12.6#

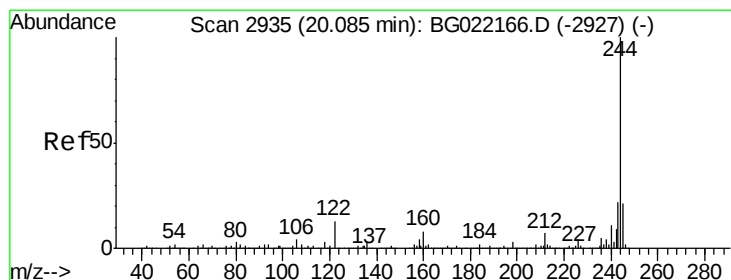
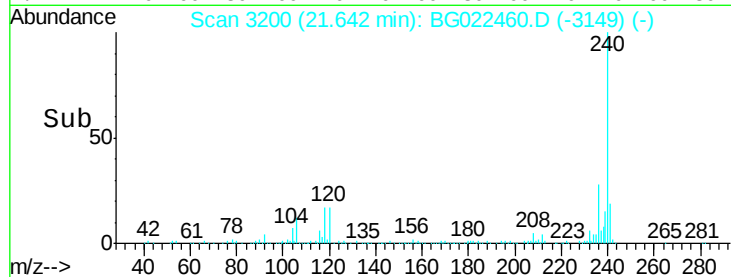
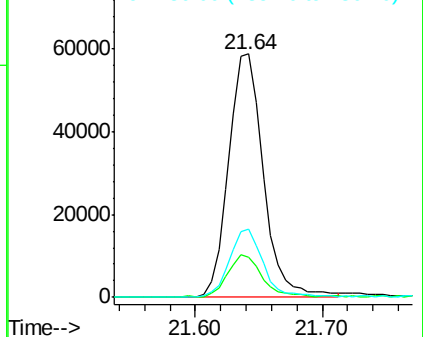
236 28.0 19.6 29.4



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: 102.97 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG022460.D

Acq: 21 Jun 2016 3:41

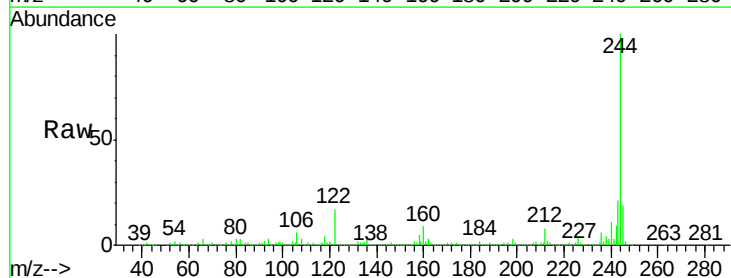
Tgt Ion:244 Resp: 484495

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

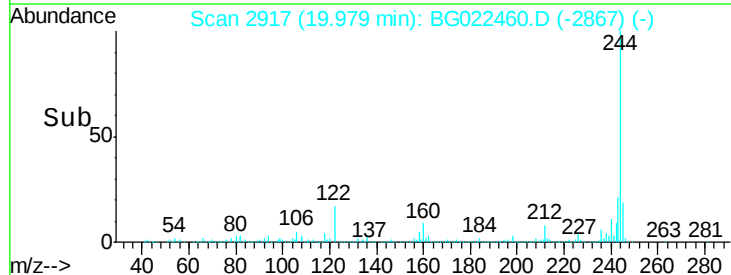
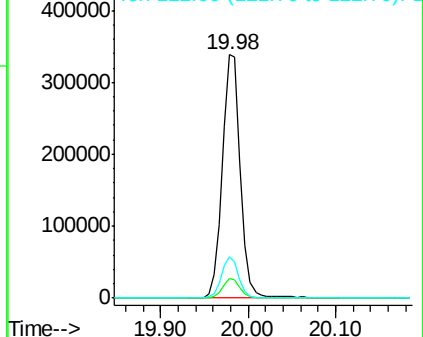
122 16.8 8.6 12.8#

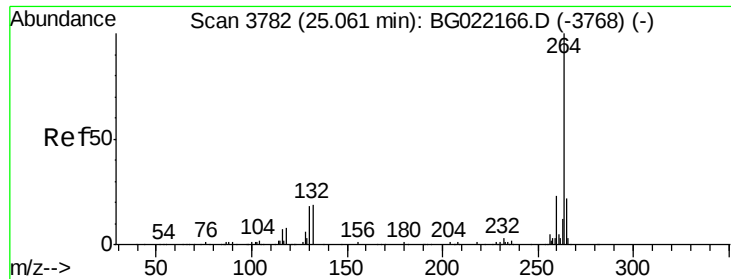


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BG022460.D
Acq: 21 Jun 2016 3:41

Instrument :
BNA_G
ClientSampleId :
W-28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.4
265	21.3	17.8	26.8

