

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022450.D
 Acq On : 20 Jun 2016 21:00
 Operator : UM/SJ
 Sample : H3679-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-36

Quant Time: Jun 21 03:18:47 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	24532	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	123388	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	72975	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	162087	20.00	ng	0.00
75) Chrysene-d12	21.64	240	121759	20.00	ng	0.00
86) Perylene-d12	24.84	264	110078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	84539	66.63	ng	0.00
7) Phenol-d6	7.17	99	75962	38.08	ng	0.00
23) Nitrobenzene-d5	9.16	82	163244	92.24	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	90808	110.13	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	425411	88.84	ng	0.00
78) Terphenyl-d14	19.98	244	490661	95.67	ng	0.00

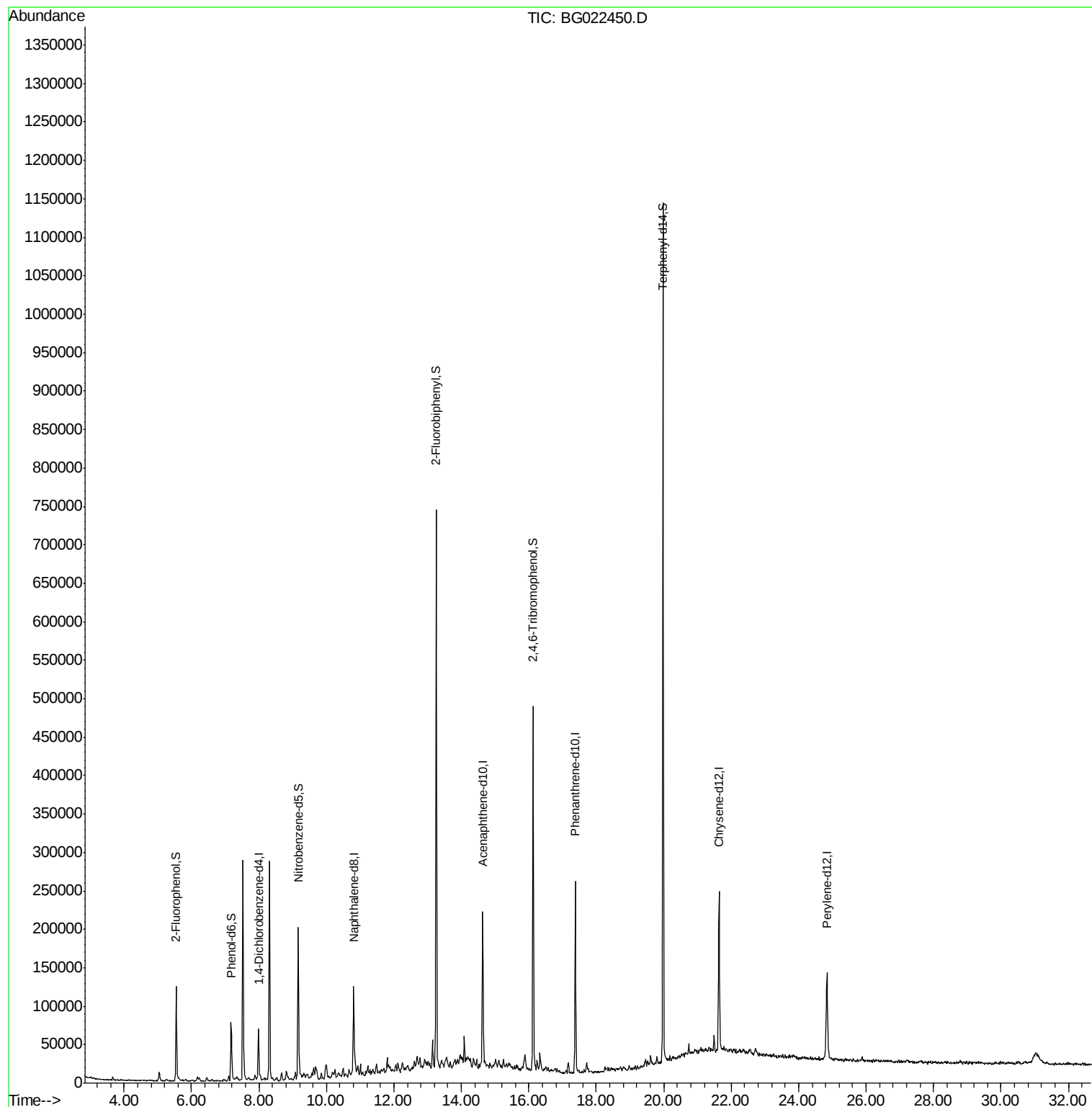
Target Compounds Qvalue

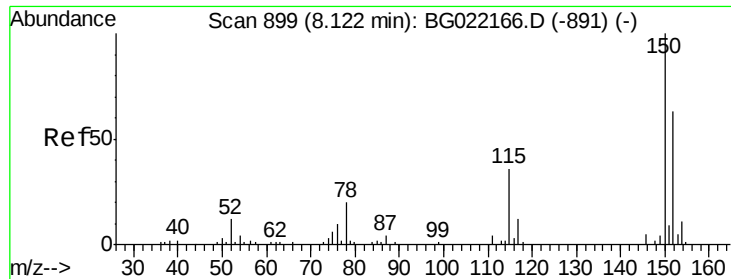
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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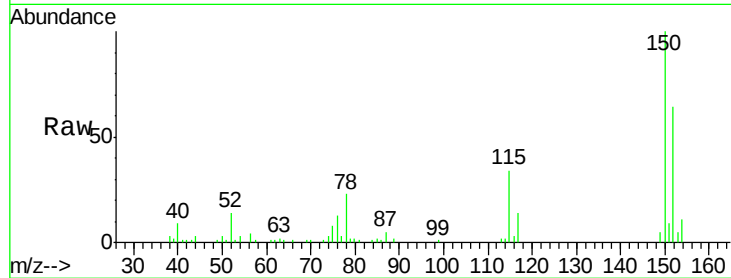


#1

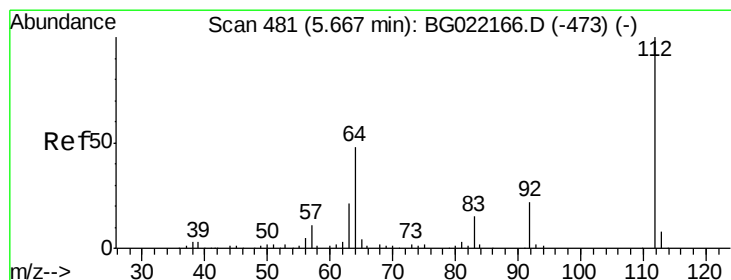
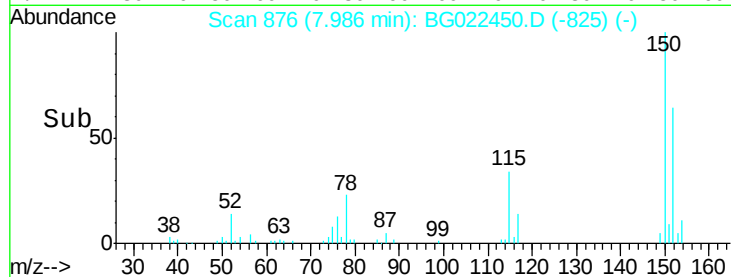
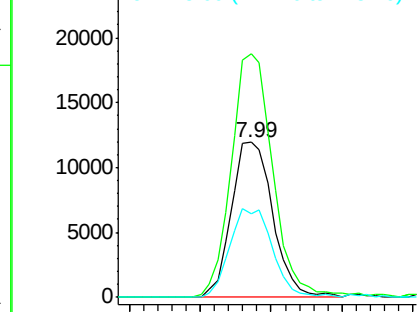
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Instrument :
BNA_G
ClientSampleId :
W-36

Tot Ion:152 Resp: 24532
Ion Ratio Lower Upper
152 100
150 157.2 130.1 195.1
115 53.6 62.2 93.2#



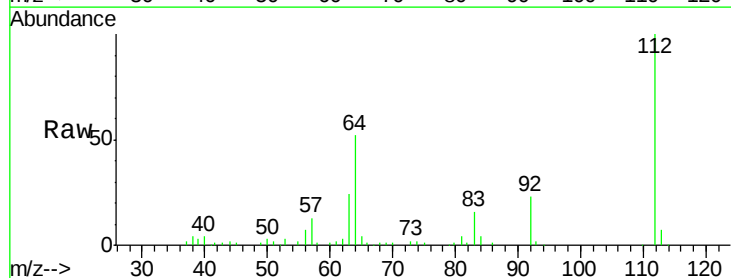
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



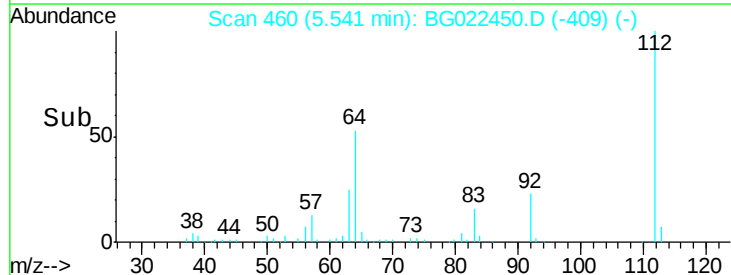
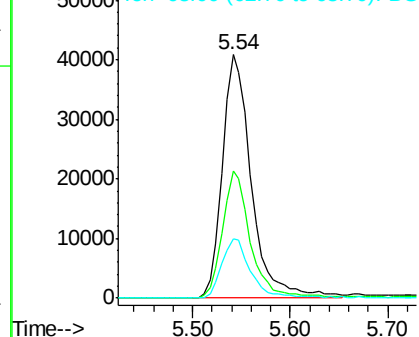
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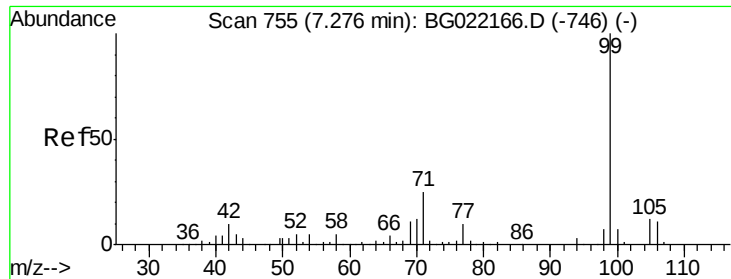
2-Fluorophenol
Concen: 66.63 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.00 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:112 Resp: 84539
Ion Ratio Lower Upper
112 100
64 52.3 51.1 76.7
63 24.1 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: 38.08 ng

RT: 7.17 min Scan# 738

Delta R.T. -0.00 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

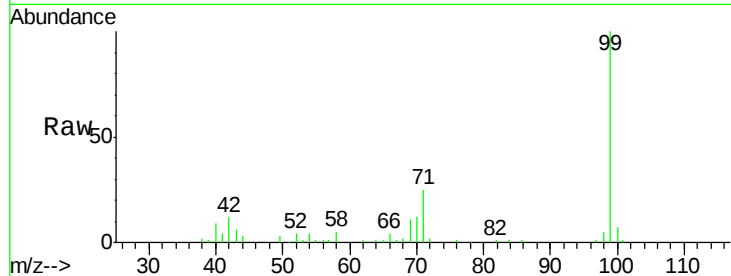
Tot Ion: 99 Resp: 75962

Ion Ratio Lower Upper

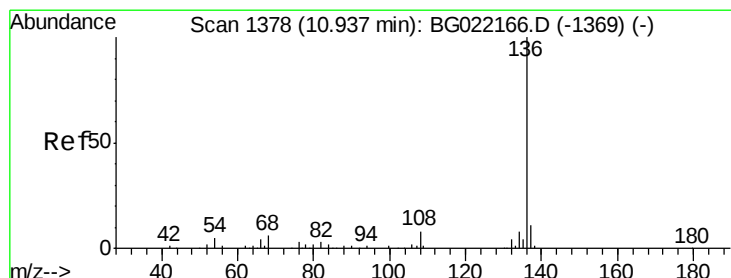
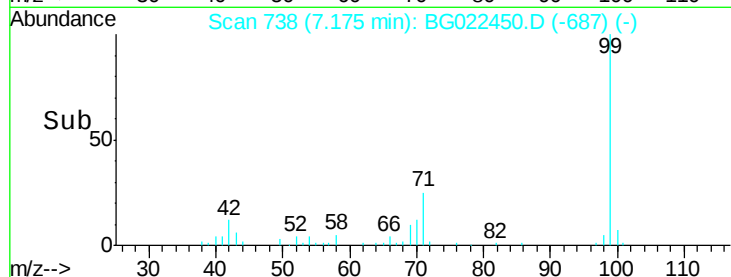
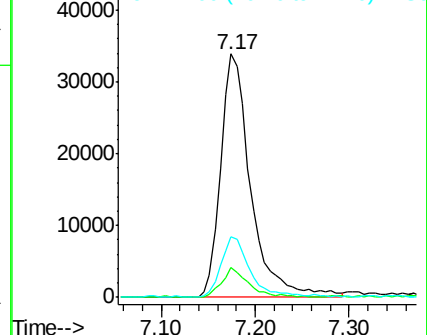
99 100

42 12.0 16.4 24.6#

71 24.8 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: BG022450.D

Acq: 20 Jun 2016 21:00

Tgt Ion: 136 Resp: 123388

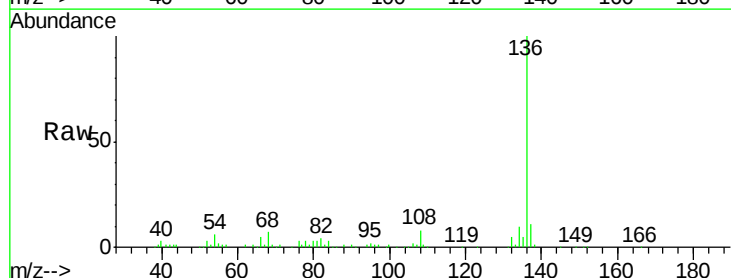
Ion Ratio Lower Upper

136 100

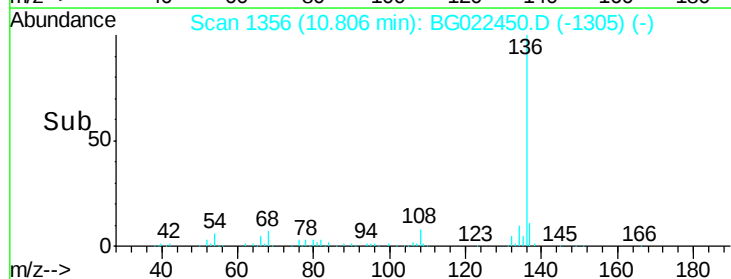
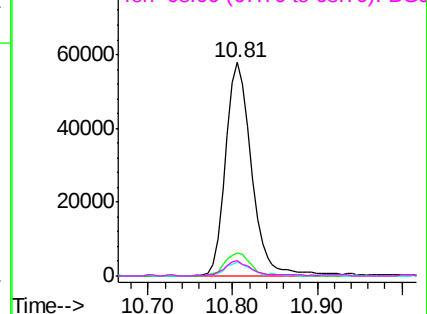
137 11.1 9.0 13.4

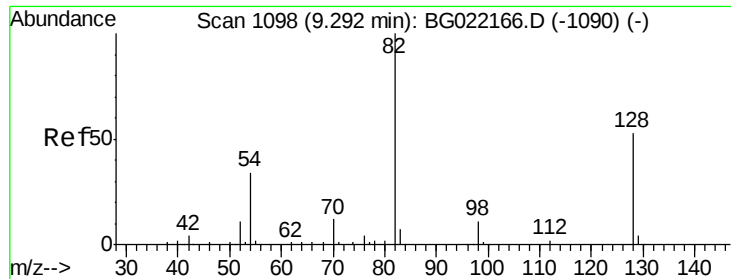
54 6.4 9.6 14.4#

68 7.2 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

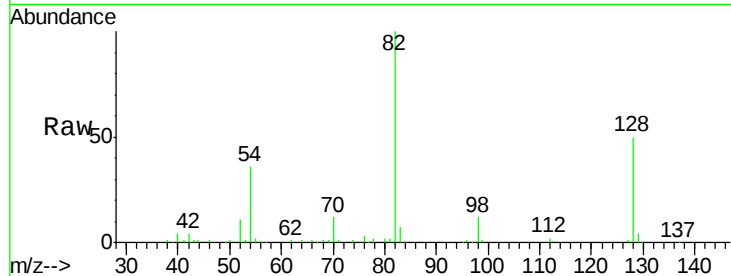




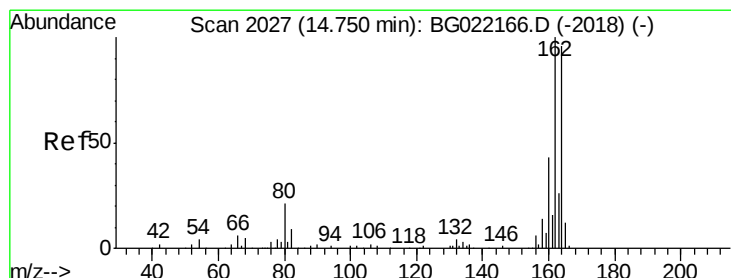
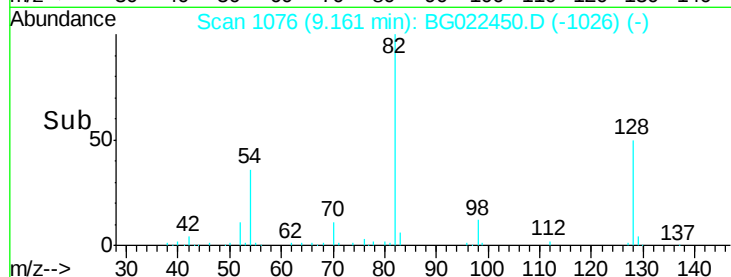
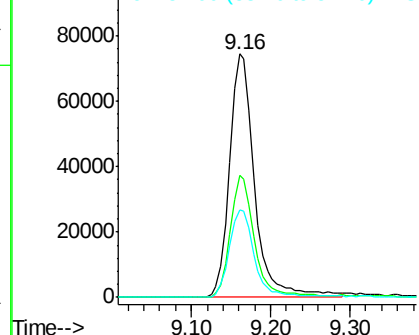
#23
Nitrobenzene-d5
Concen: 92.24 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Instrument :
BNA_G
ClientSampled :
W-36

Tot Ion	82	Resp	163244
Ion Ratio	Lower	Upper	
82	100		
128	50.2	33.4	50.0#
54	36.1	46.1	69.1#

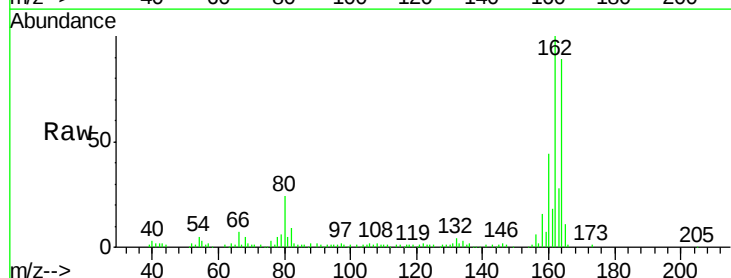


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

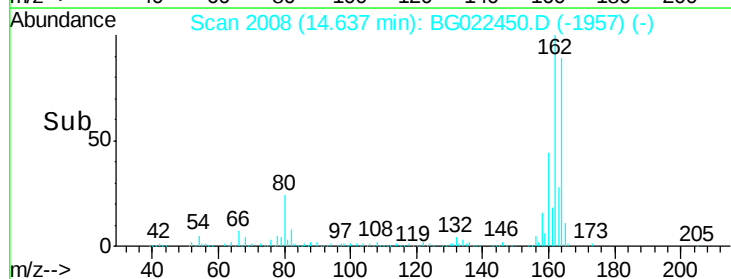
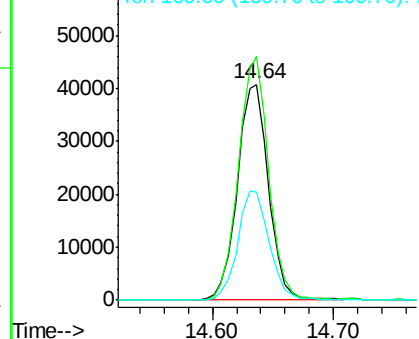


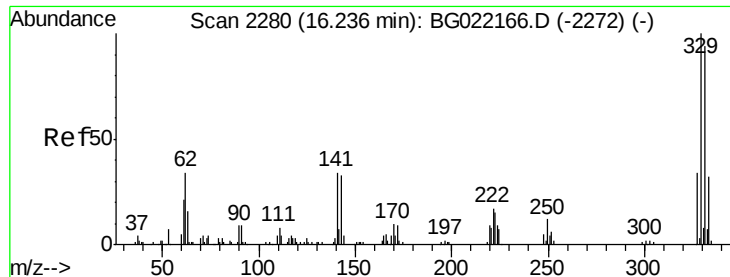
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion	164	Resp	72975
Ion Ratio	Lower	Upper	
164	100		
162	112.8	78.0	117.0
160	49.8	32.9	49.3#



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

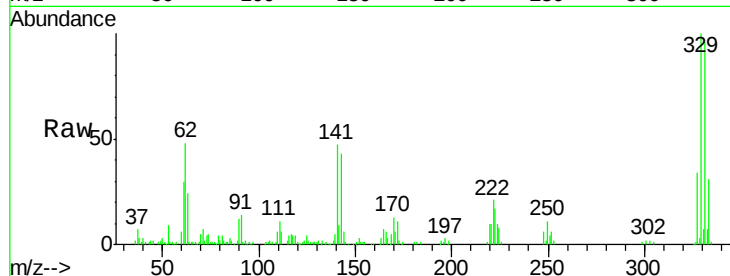




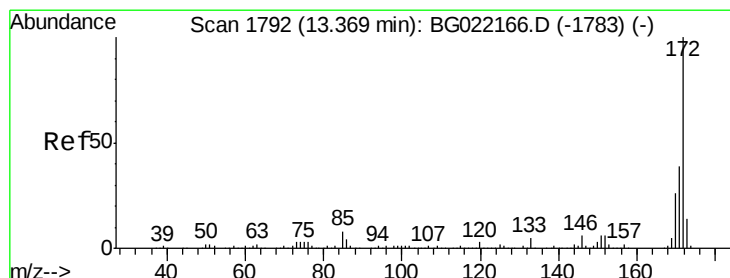
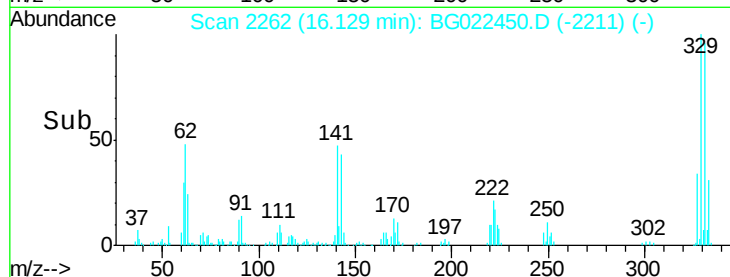
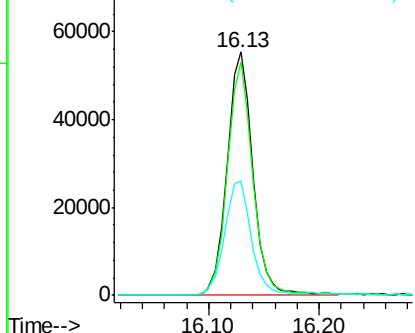
#41
 2,4,6-Tribromophenol
 Concen: 110.13 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 W-36

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.0	117.0
141	49.2	33.8	50.8

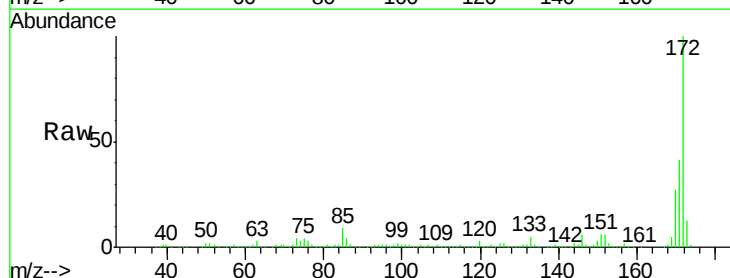


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

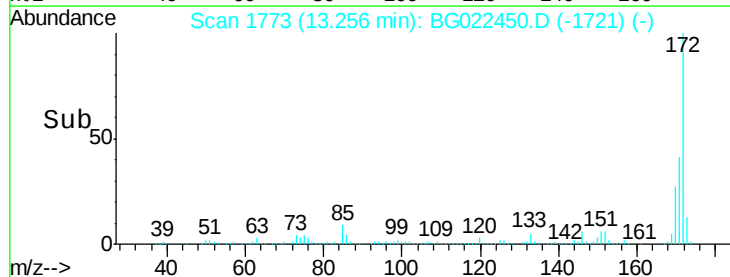
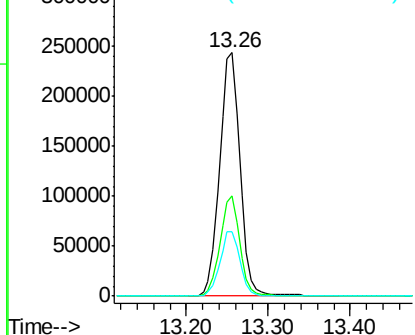


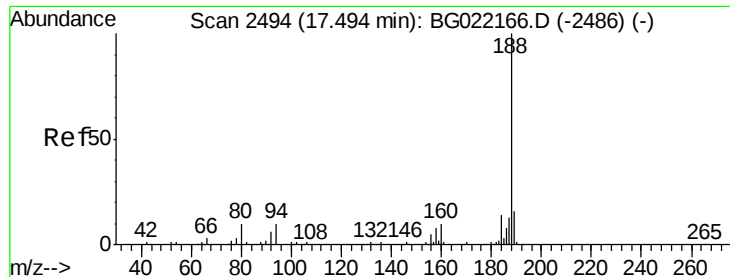
#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG022450.D
 Acq: 20 Jun 2016 21:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.1	27.8	41.6
170	26.6	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

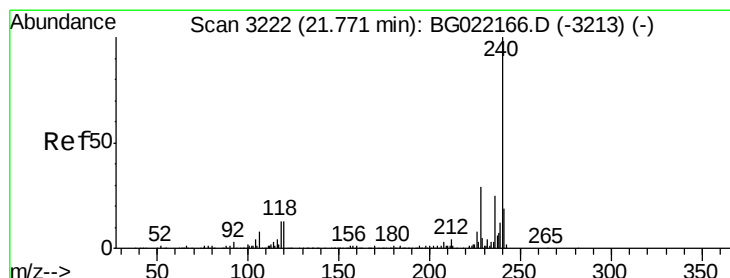
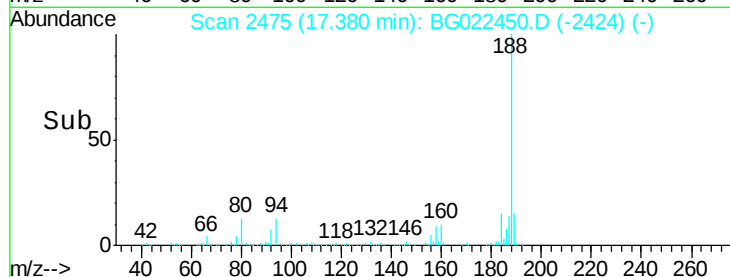
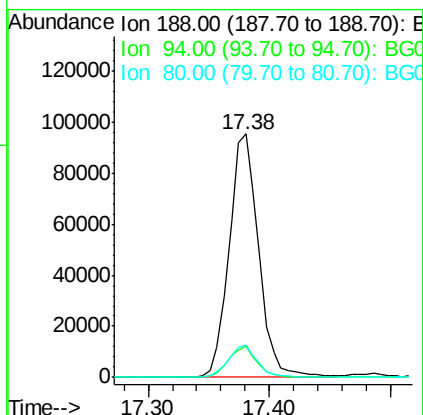
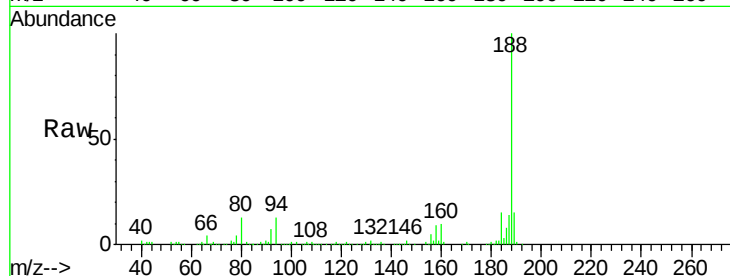




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

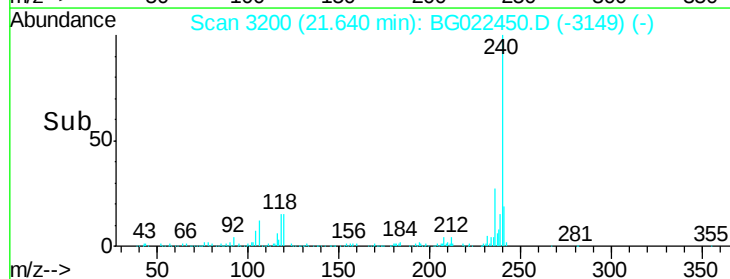
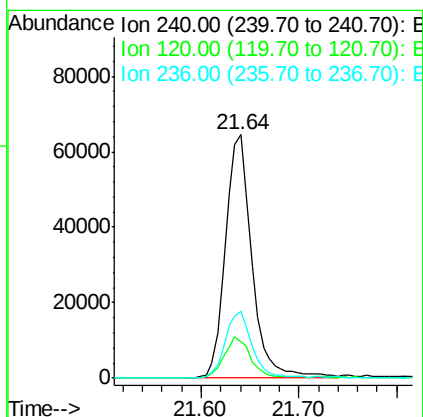
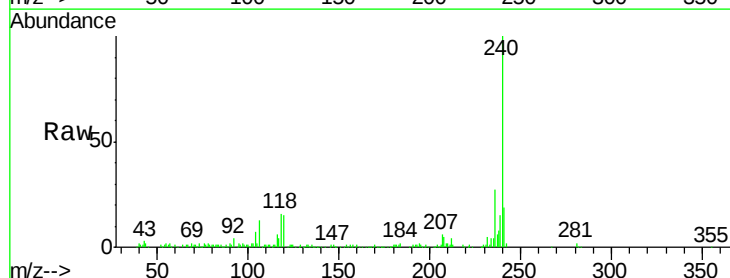
Instrument :
BNA_G
ClientSampleId :
W-36

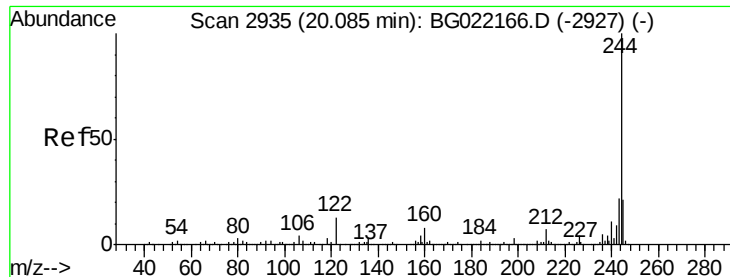
Tot Ion:188 Resp: 162087
Ion Ratio Lower Upper
188 100
94 13.0 7.5 11.3#
80 13.2 8.6 13.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022450.D
Acq: 20 Jun 2016 21:00

Tgt Ion:240 Resp: 121759
Ion Ratio Lower Upper
240 100
120 14.9 8.4 12.6#
236 27.3 19.6 29.4





#78

Terphenyl-d14

Concen: 95.67 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

Instrument :

BNA_G

ClientSampleId :

W-36

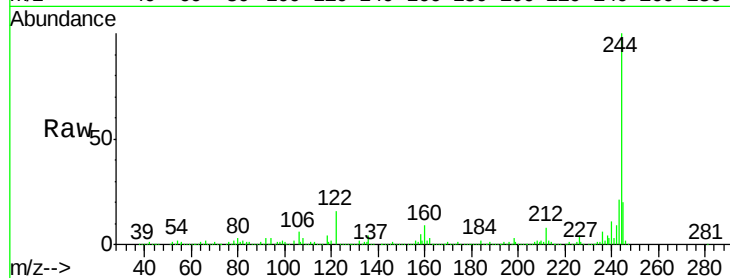
Tot Ion:244 Resp: 490661

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

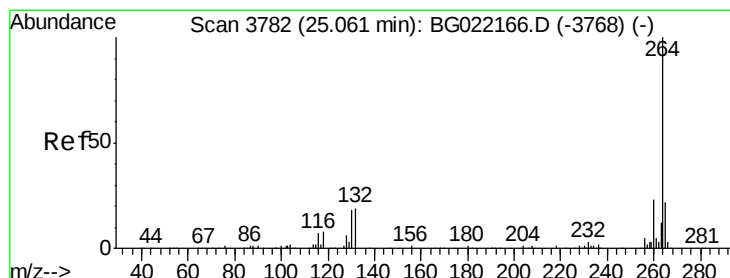
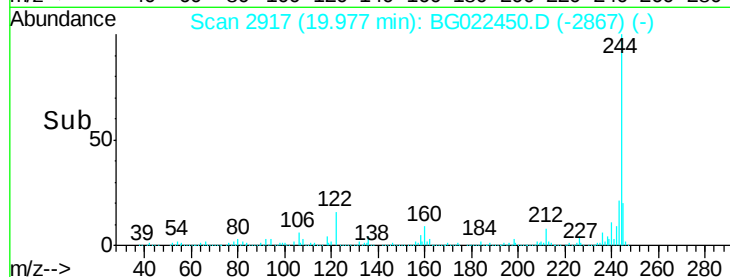
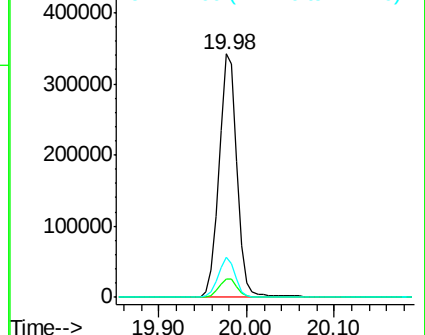
122 16.4 8.6 12.8#



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# 3744

Delta R.T. -0.01 min

Lab File: BG022450.D

Acq: 20 Jun 2016 21:00

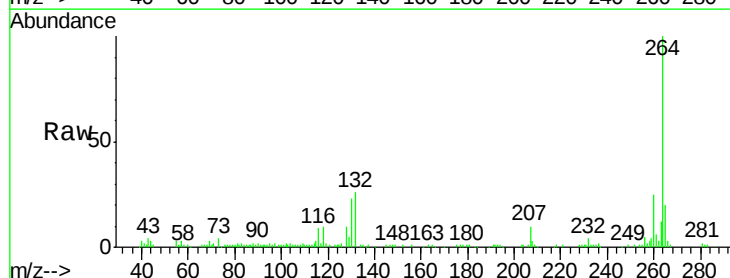
Tgt Ion:264 Resp: 110078

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.4

265 19.8 17.8 26.8



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

