

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022461.D
 Acq On : 21 Jun 2016 4:21
 Operator : UM/SJ
 Sample : H3679-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Quant Time: Jun 21 06:53:39 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	21374	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	109054	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	68990	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	150300	20.00	ng	0.00
75) Chrysene-d12	21.64	240	121537	20.00	ng	0.00
86) Perylene-d12	24.84	264	104452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	88135	79.73	ng	0.00
7) Phenol-d6	7.18	99	85139	48.98	ng	0.00
23) Nitrobenzene-d5	9.17	82	146085	93.39	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	85750	110.00	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	392837	86.78	ng	0.00
78) Terphenyl-d14	19.98	244	492411	96.19	ng	0.00

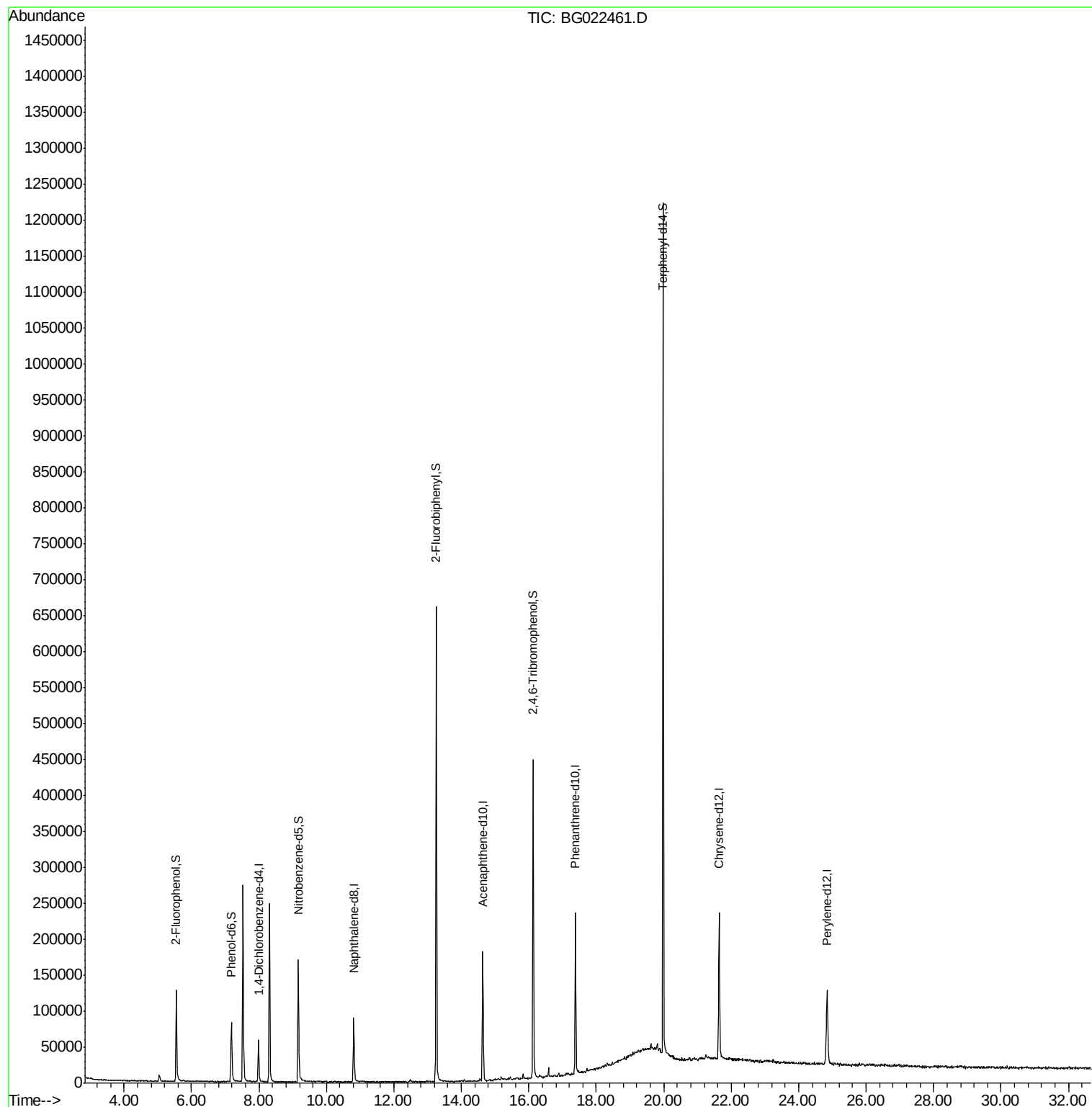
Target Compounds Qvalue

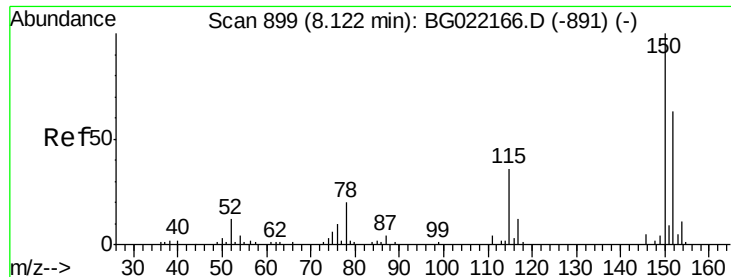
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022461.D
Acq On : 21 Jun 2016 4:21
Operator : UM/SJ
Sample : H3679-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-32

Quant Time: Jun 21 06:53:39 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



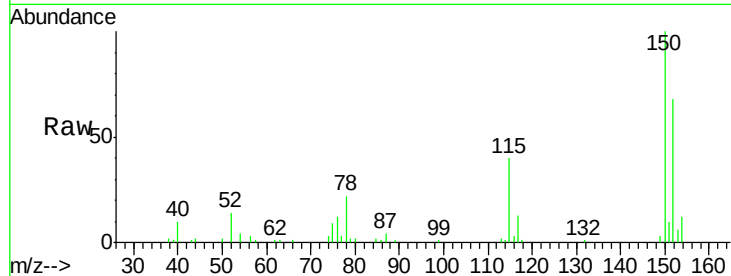


#1

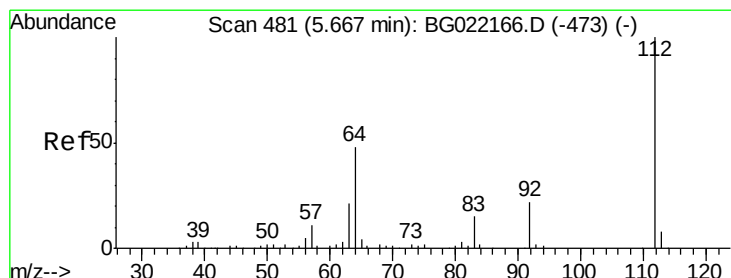
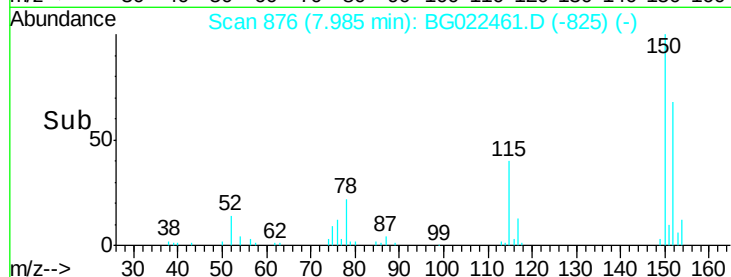
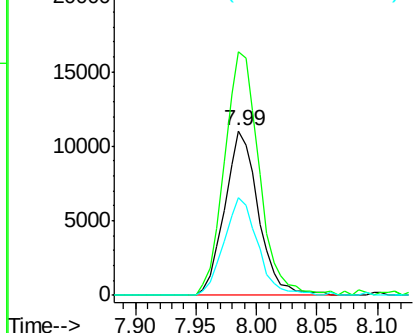
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG022461.D
Acq: 21 Jun 2016 4:21

Instrument :
BNA_G
ClientSampleId :
W-32

Tot Ion:152 Resp: 21374
Ion Ratio Lower Upper
152 100
150 147.9 130.1 195.1
115 59.2 62.2 93.2#



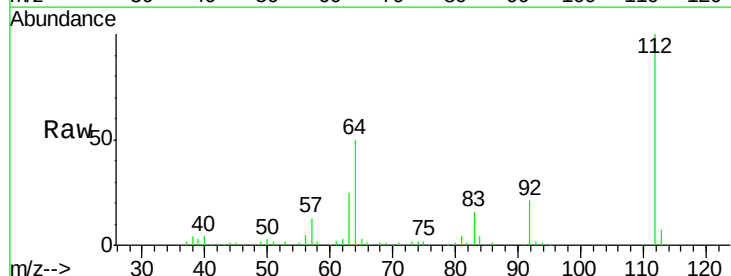
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



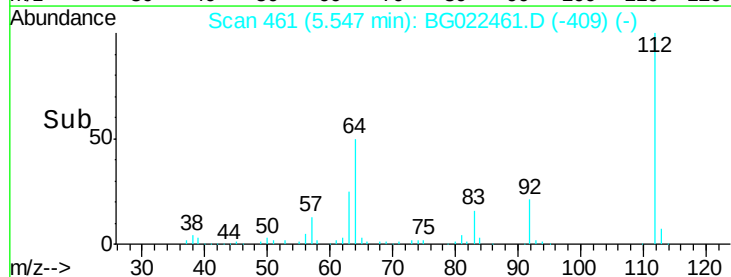
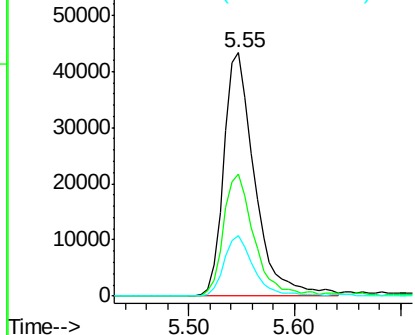
#5

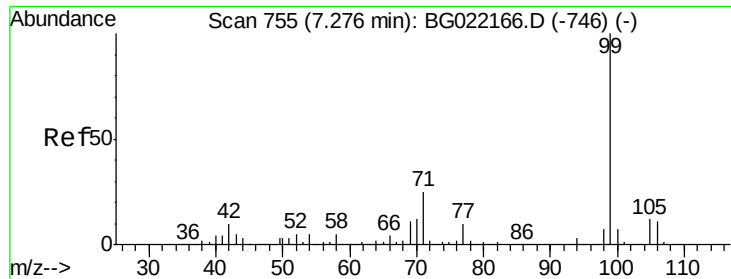
2-Fluorophenol
Concen: 79.73 ng
RT: 5.55 min Scan# 461
Delta R.T. 0.00 min
Lab File: BG022461.D
Acq: 21 Jun 2016 4:21

Tgt Ion:112 Resp: 88135
Ion Ratio Lower Upper
112 100
64 50.2 51.1 76.7#
63 24.8 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: 48.98 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

Instrument :

BNA_G

ClientSampleId :

W-32

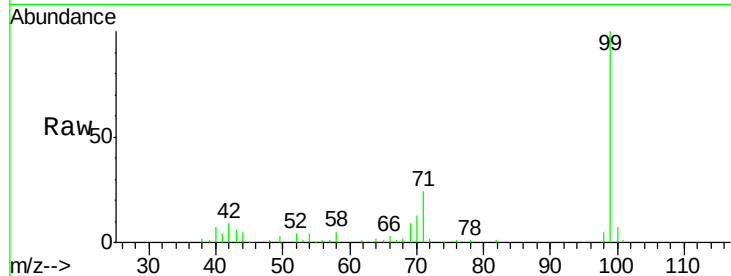
Tot Ion: 99 Resp: 85139

Ion Ratio Lower Upper

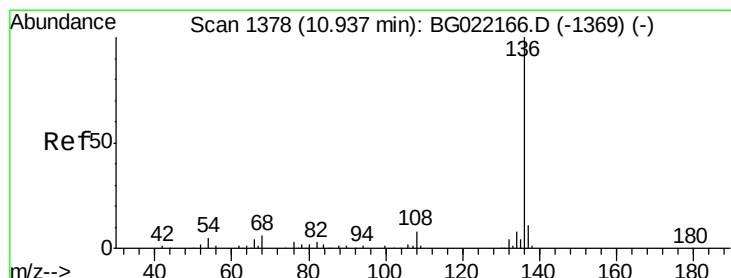
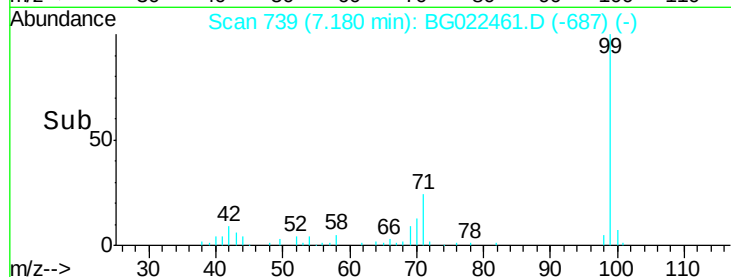
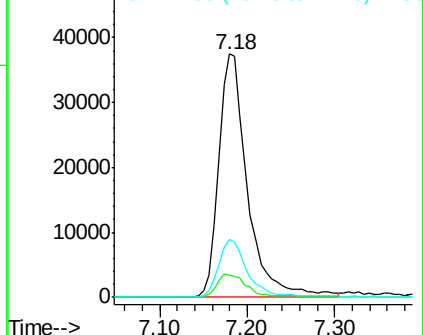
99 100

42 9.3 16.4 24.6#

71 24.0 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# 1357

Delta R.T. 0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

Tgt Ion: 136 Resp: 109054

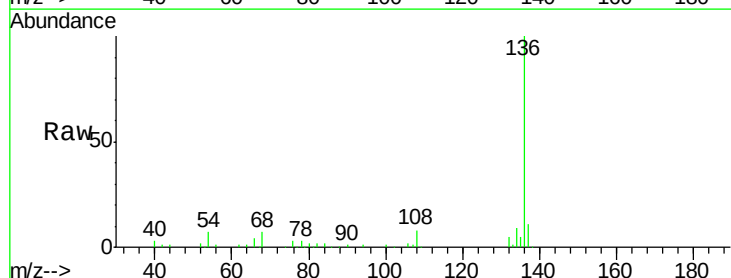
Ion Ratio Lower Upper

136 100

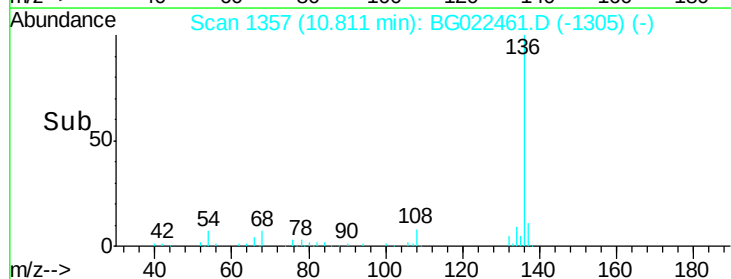
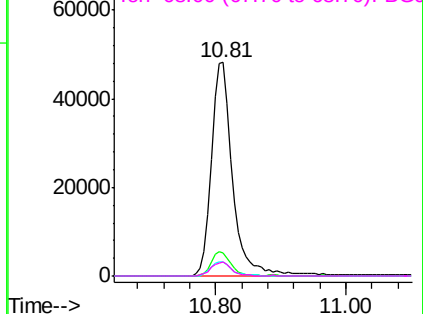
137 10.8 9.0 13.4

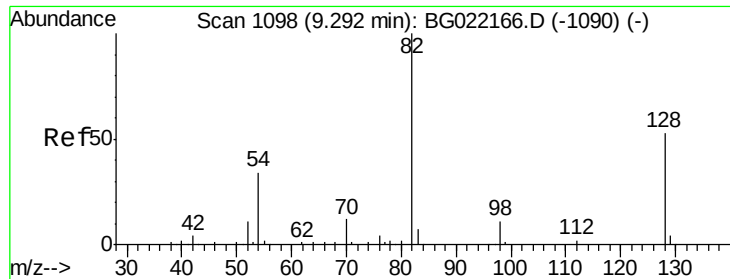
54 6.7 9.6 14.4#

68 6.7 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

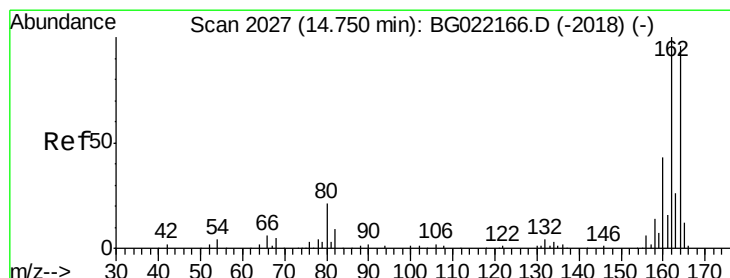
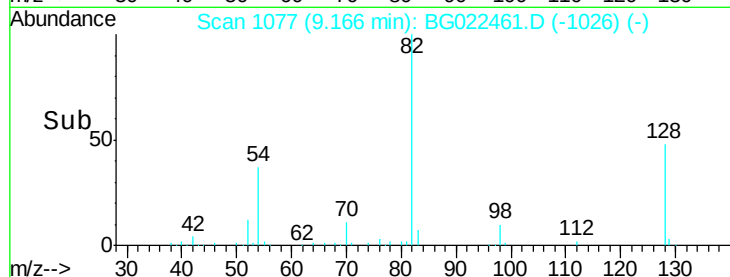
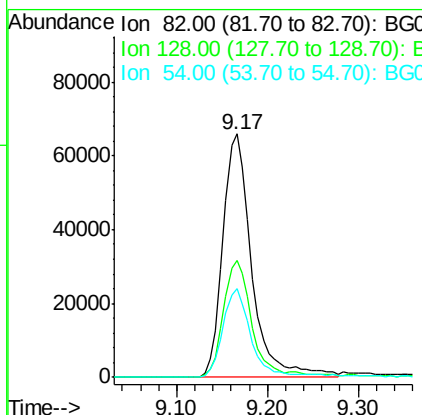
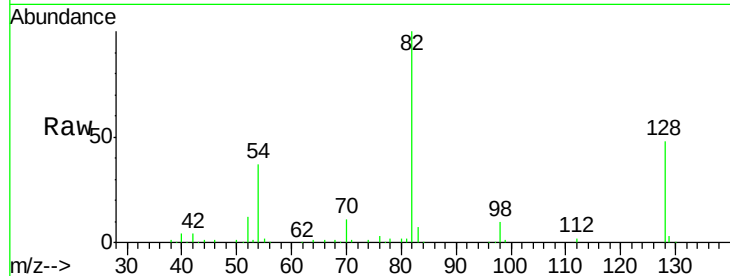




#23
 Nitrobenzene-d5
 Concen: 93.39 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

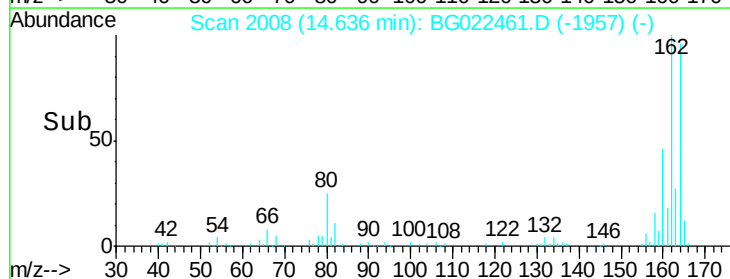
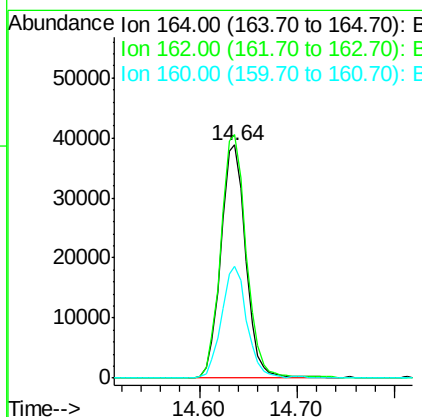
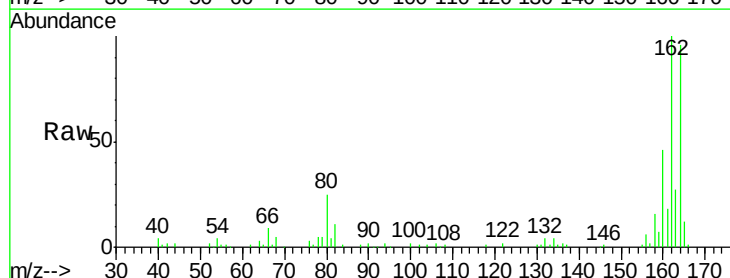
Instrument :
 BNA_G
 ClientSampled :
 W-32

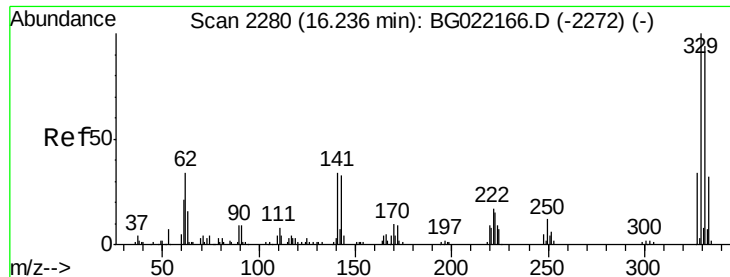
Tot Ion	82	Resp	146085
Ion Ratio	100	Lower	Upper
128	48.1	33.4	50.0
54	36.5	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Tgt Ion	164	Resp	68990
Ion Ratio	100	Lower	Upper
162	104.5	78.0	117.0
160	48.2	32.9	49.3

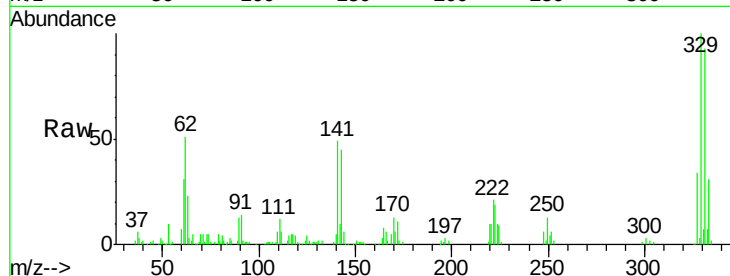




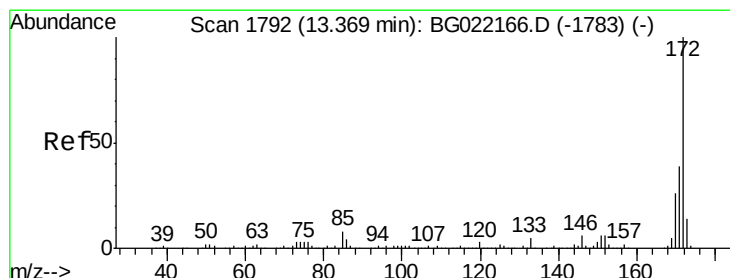
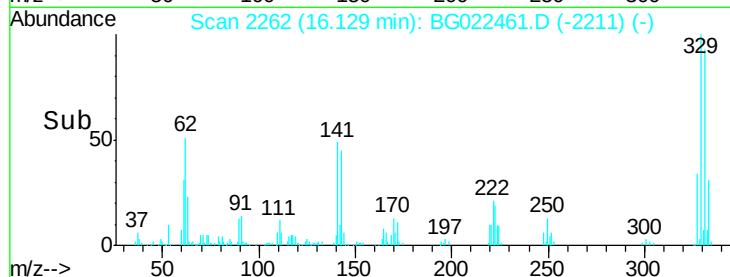
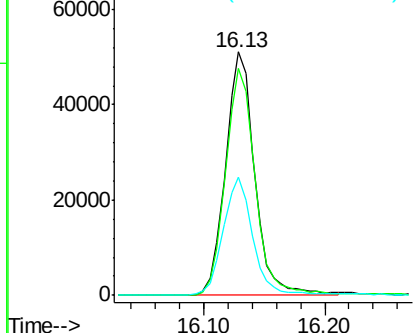
#41
 2,4,6-Tribromophenol
 Concen: 110.00 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Tot Ion:330 Resp: 85750
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 49.4 33.8 50.8

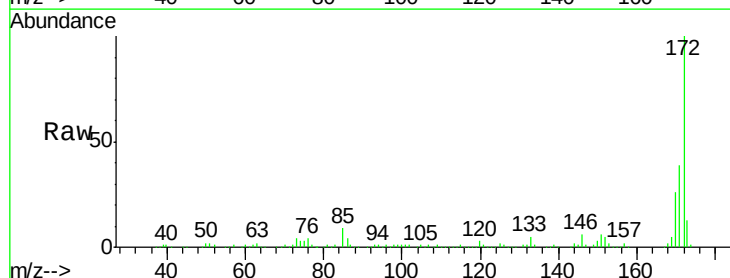


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

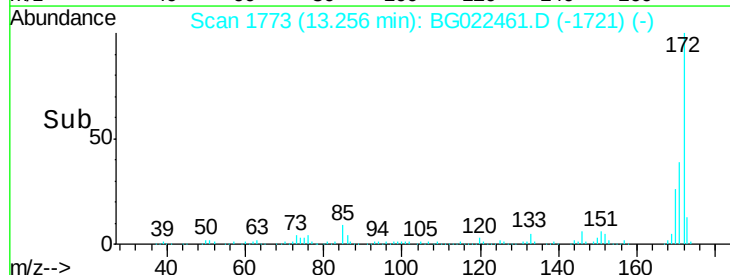
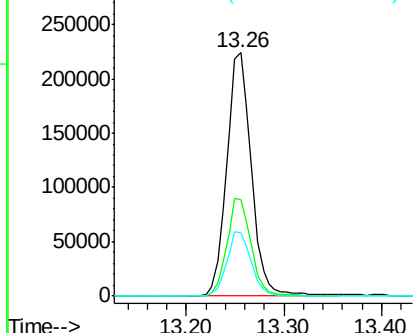


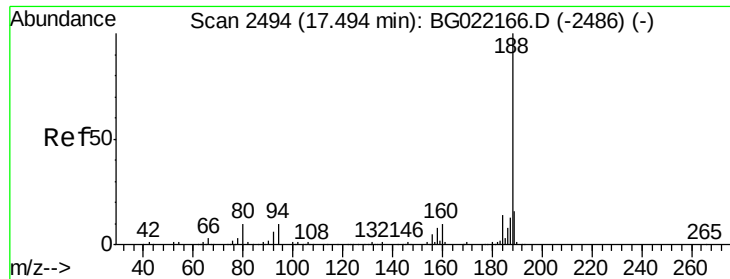
#44
 2-Fluorobiphenyl
 Concen: 86.78 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Tgt Ion:172 Resp: 392837
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.7 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

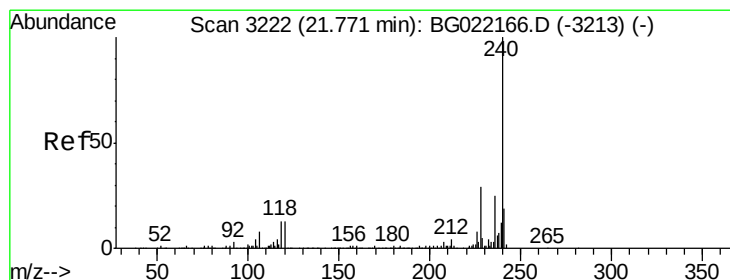
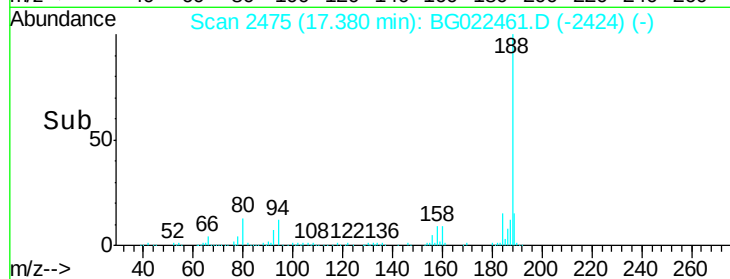
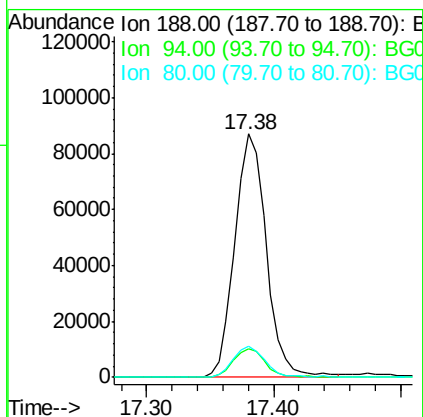
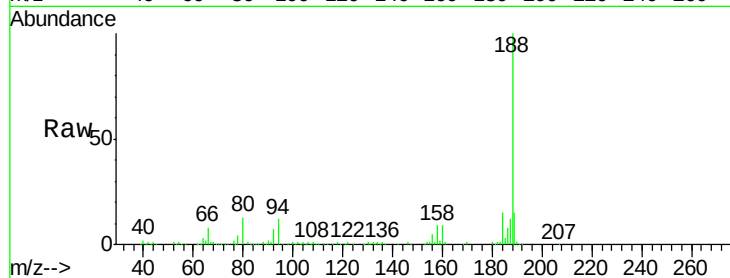




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022461.D
Acq: 21 Jun 2016 4:21

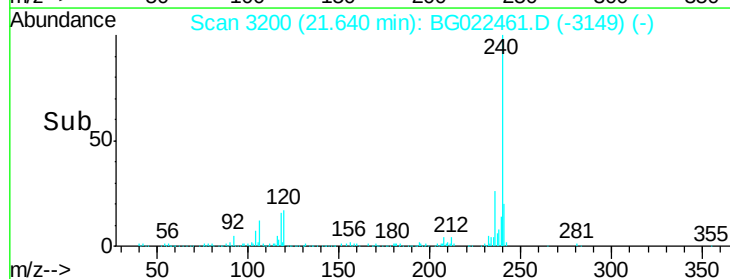
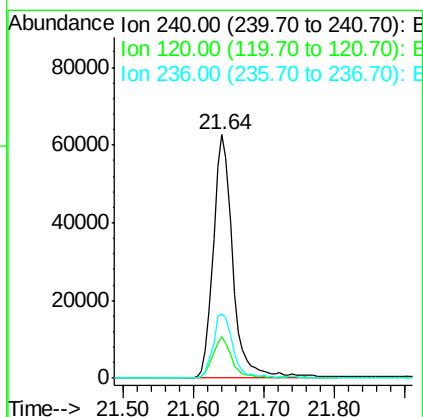
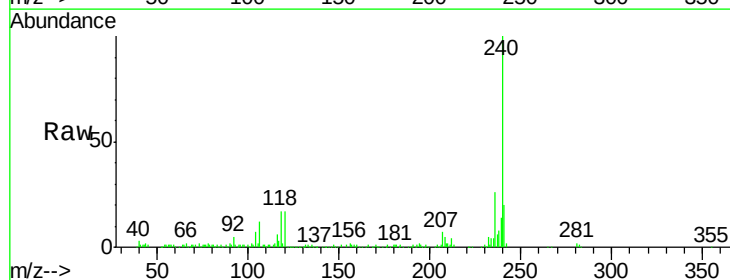
Instrument :
BNA_G
ClientSampleId :
W-32

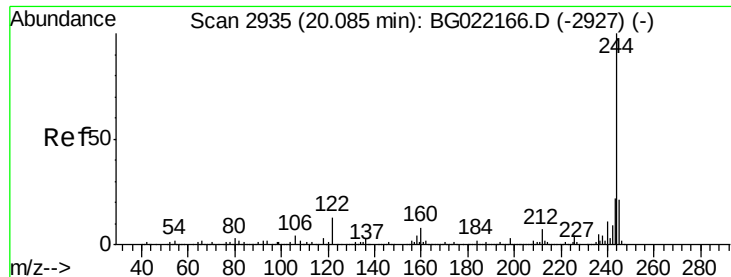
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.5	11.3#
80	12.6	8.6	13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022461.D
Acq: 21 Jun 2016 4:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.9	8.4	12.6#
236	26.4	19.6	29.4





#78

Terphenyl-d14

Concen: 96.19 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

Instrument :

BNA_G

ClientSampleId :

W-32

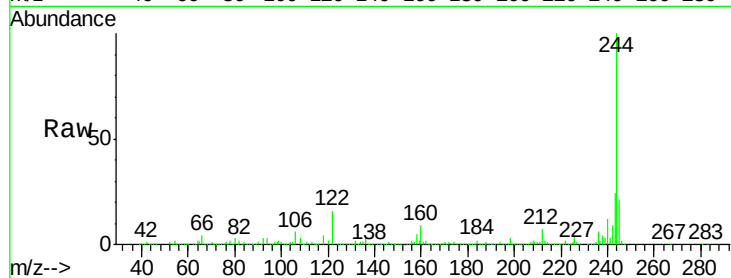
Tot Ion:244 Resp: 492411

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

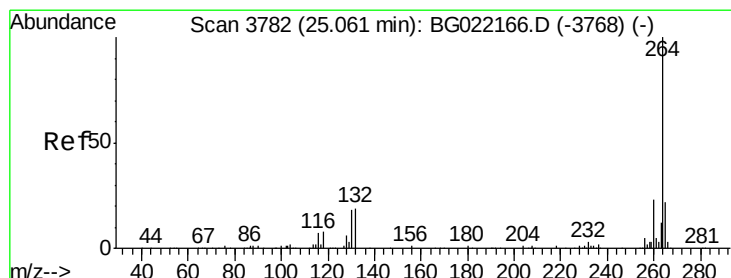
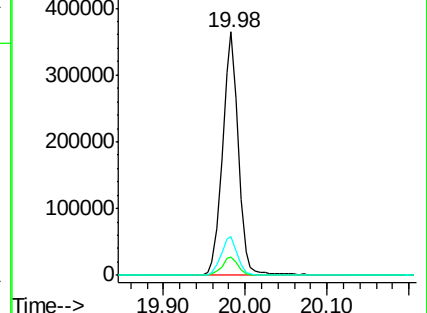
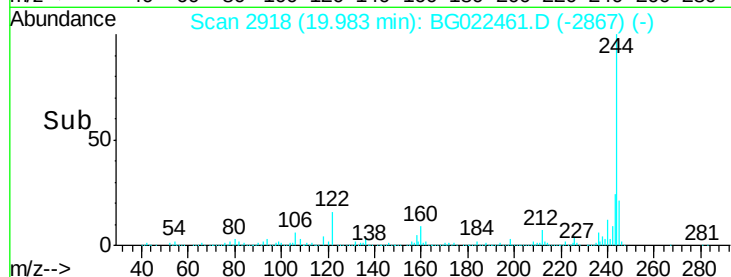
122 15.7 8.6 12.8#



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: BG022461.D

Acq: 21 Jun 2016 4:21

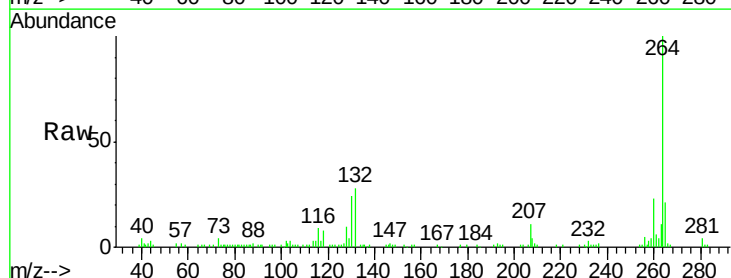
Tgt Ion:264 Resp: 104452

Ion Ratio Lower Upper

264 100

260 22.9 20.2 30.4

265 20.7 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

