

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022250.D
 Acq On : 9 Jun 2016 2:05
 Operator : UM/SJ
 Sample : H3381-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-24

Quant Time: Jun 09 07:14:10 2016
 Quant Title :
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31173	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	151913	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	91188	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	190211	20.00	ng	0.00
75) Chrysene-d12	21.76	240	169214	20.00	ng	0.00
86) Perylene-d12	25.06	264	159670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	112642	69.86	ng	0.00
7) Phenol-d6	7.28	99	101786	40.15	ng	0.00
23) Nitrobenzene-d5	9.29	82	232215	106.57	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	155632	151.04	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	627957	104.95	ng	0.00
78) Terphenyl-d14	20.08	244	753530	105.72	ng	0.00

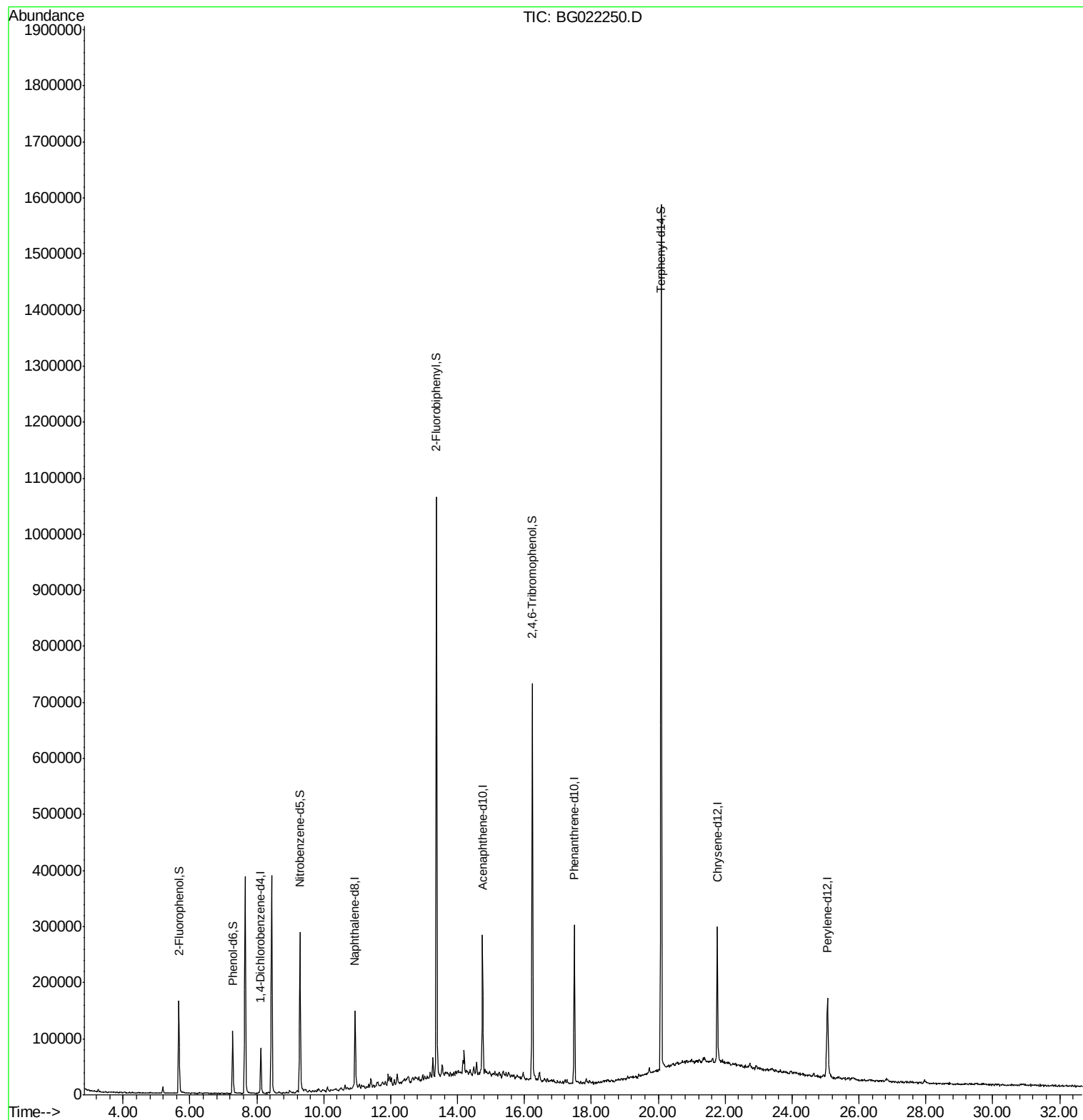
Target Compounds Ovalue

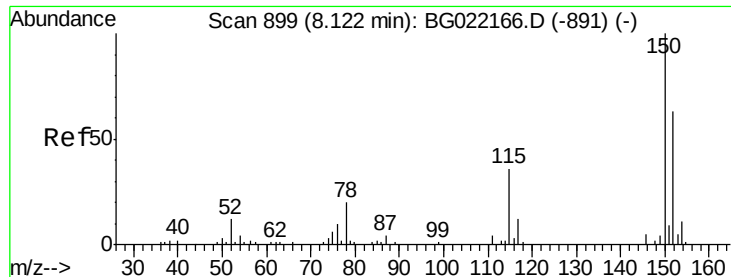
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampled :

W-24

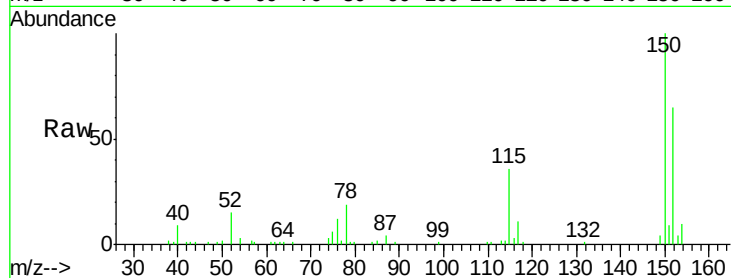
Tot Ion:152 Resp: 31173

Ion Ratio Lower Upper

152 100

150 153.0 130.1 195.1

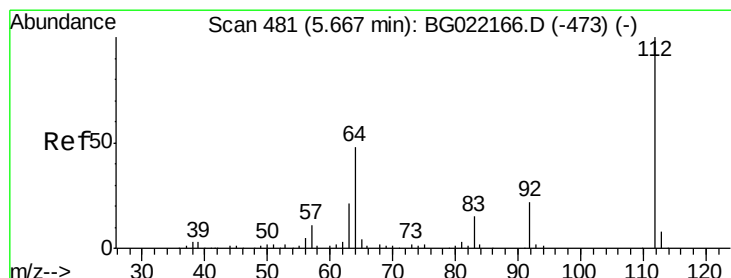
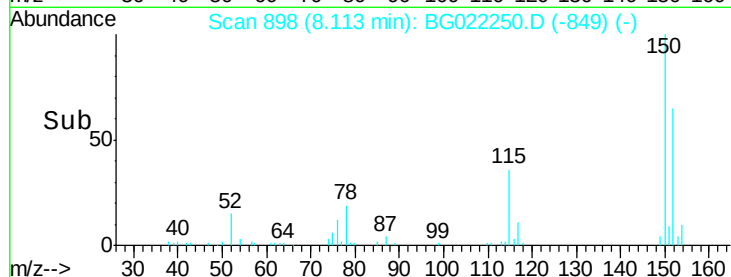
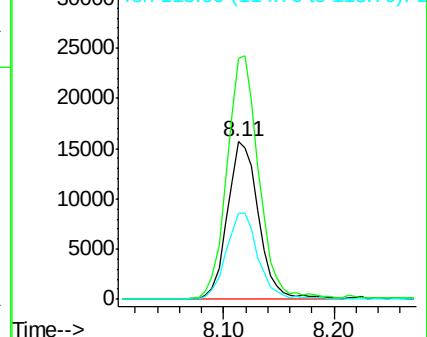
115 55.1 62.2 93.2#



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: 69.86 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

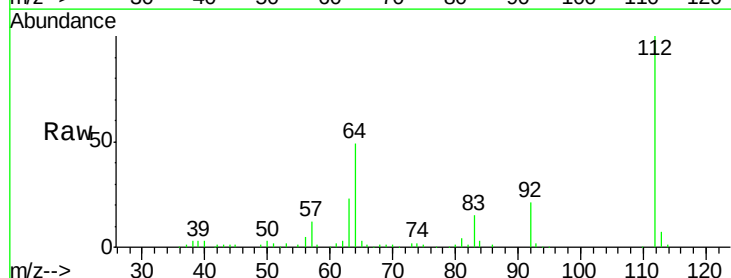
Tgt Ion:112 Resp: 112642

Ion Ratio Lower Upper

112 100

64 49.2 51.1 76.7#

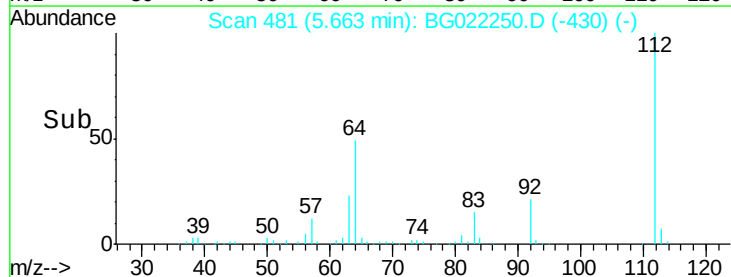
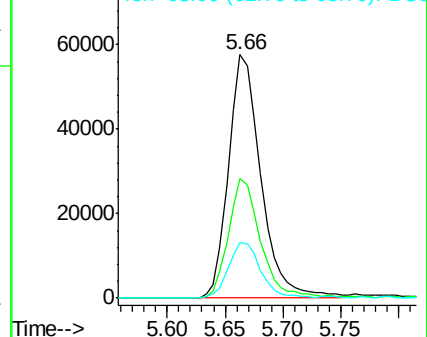
63 22.8 24.6 37.0#

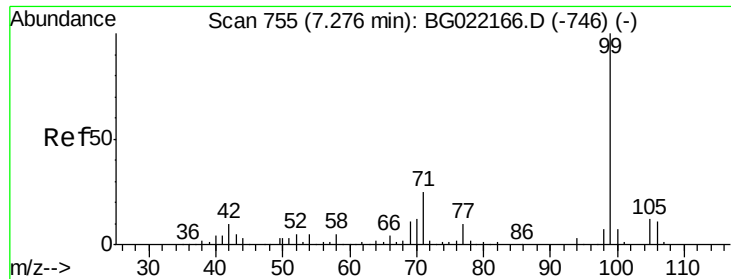


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.15 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

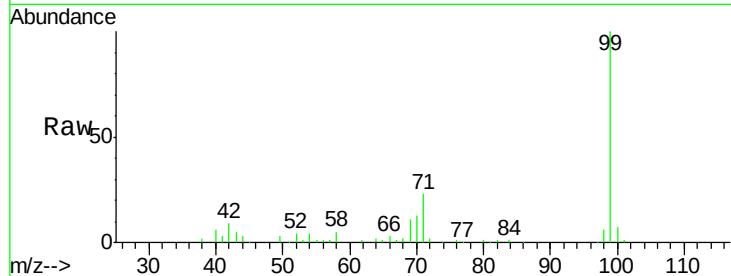
Tot Ion: 99 Resp: 101786

Ion Ratio Lower Upper

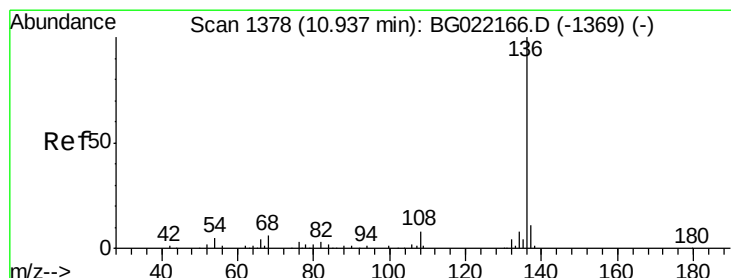
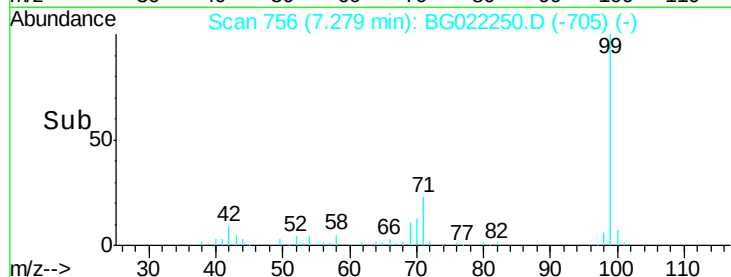
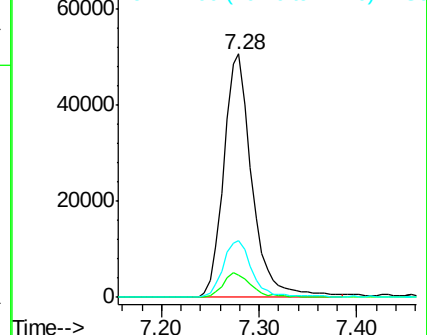
99 100

42 9.3 16.4 24.6#

71 23.2 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: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Tgt Ion: 136 Resp: 151913

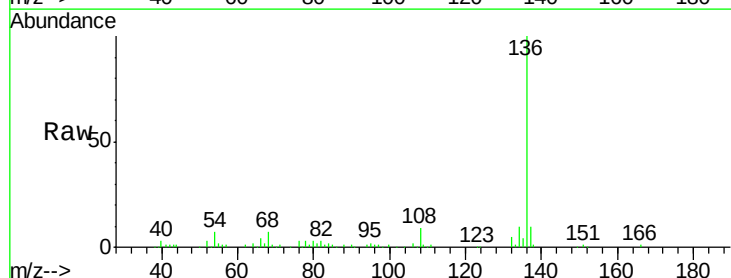
Ion Ratio Lower Upper

136 100

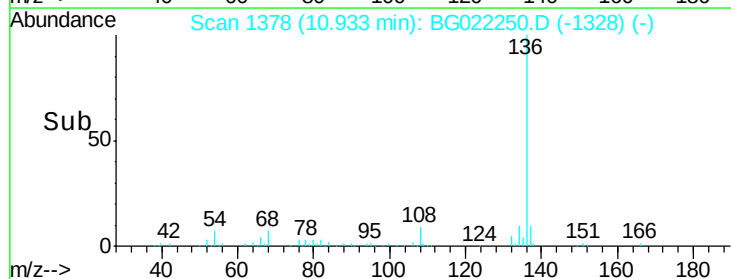
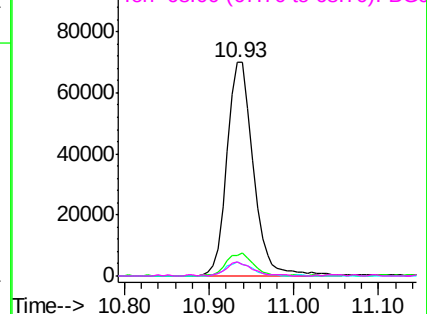
137 9.9 9.0 13.4

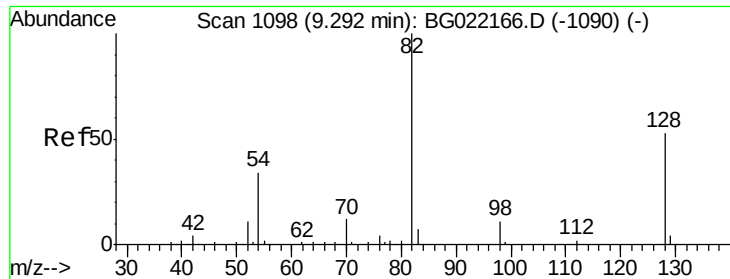
54 6.6 9.6 14.4#

68 6.9 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

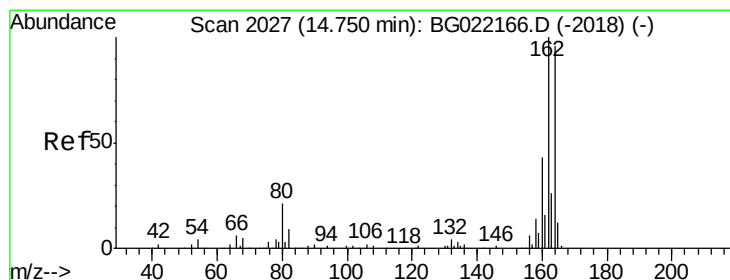
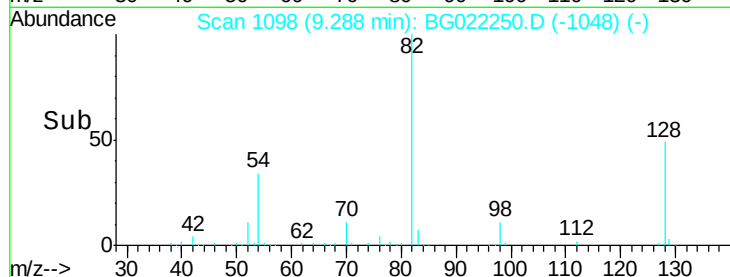
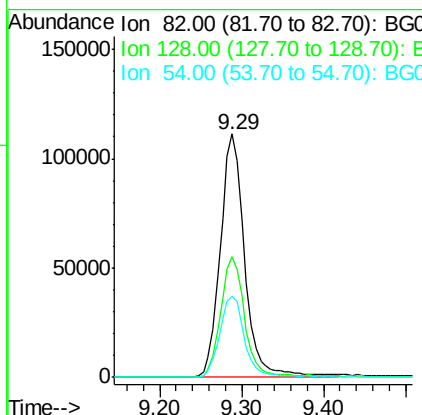
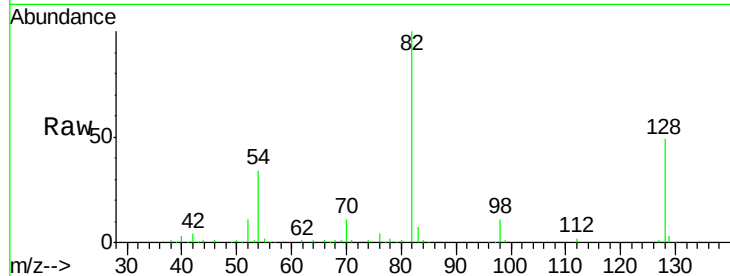




#23
 Nitrobenzene-d5
 Concen: 106.57 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022250.D
 Acq: 9 Jun 2016 2:05

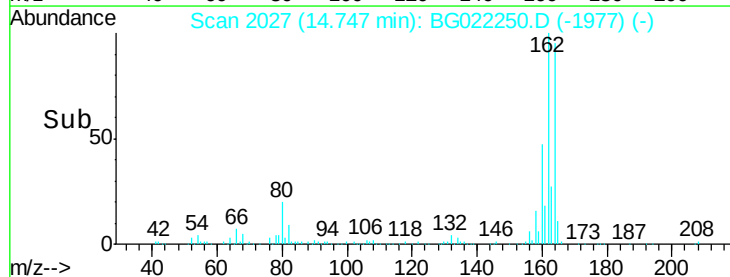
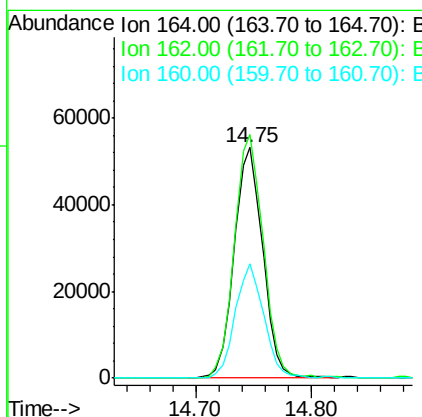
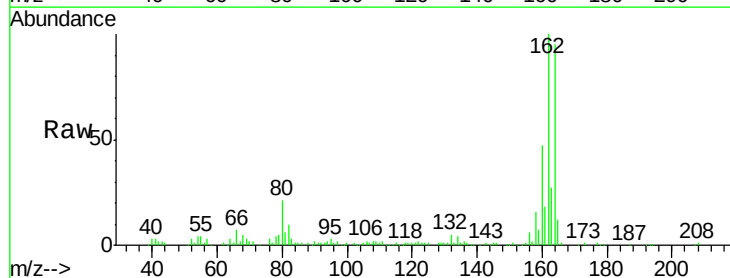
Instrument :
 BNA_G
 ClientSampled :
 W-24

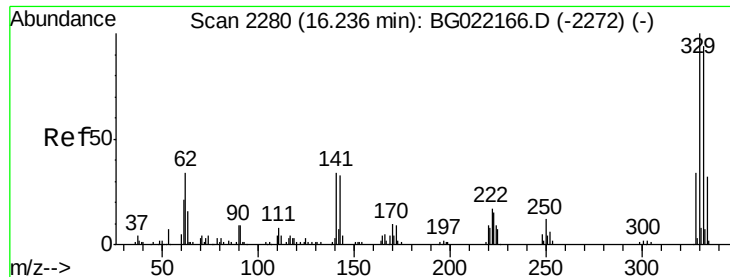
Tot Ion	82	Resp	232215
Ion Ratio	Lower	Upper	
82	100		
128	49.4	33.4	50.0
54	33.5	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022250.D
 Acq: 9 Jun 2016 2:05

Tgt Ion	164	Resp	91188
Ion Ratio	Lower	Upper	
164	100		
162	105.6	78.0	117.0
160	49.8	32.9	49.3#

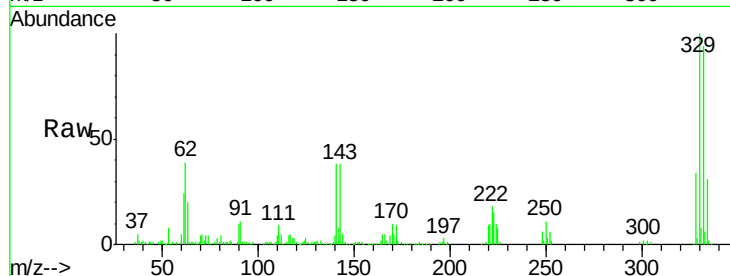




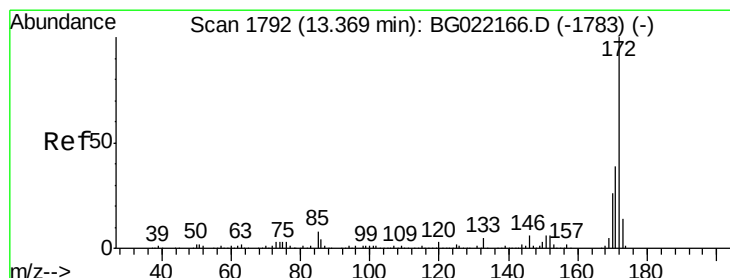
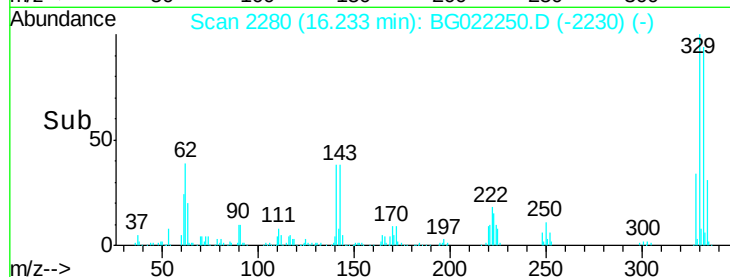
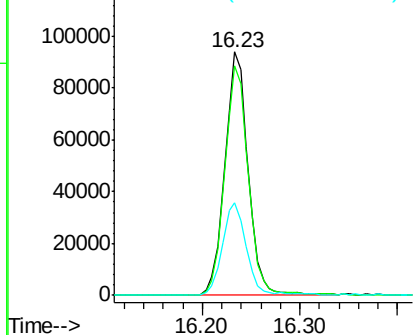
#41
 2,4,6-Tribromophenol
 Concen: 151.04 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022250.D
 Acq: 9 Jun 2016 2:05

Instrument :
 BNA_G
 ClientSampleId :
 W-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	38.1	33.8	50.8

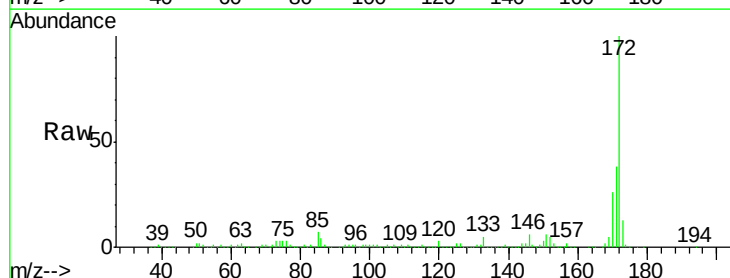


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

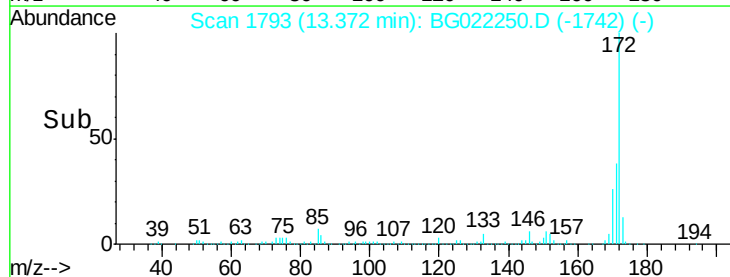
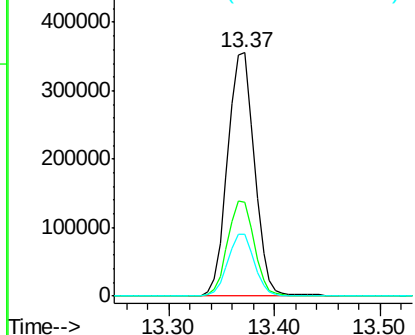


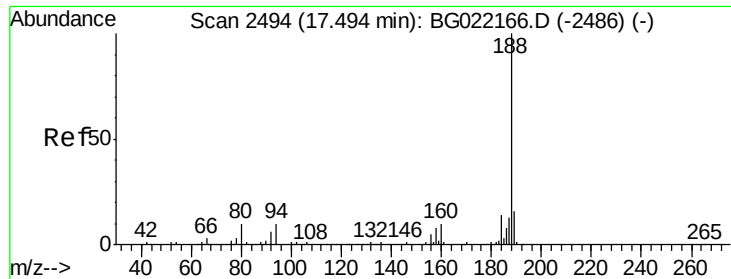
#44
 2-Fluorobiphenyl
 Concen: 104.95 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022250.D
 Acq: 9 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	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

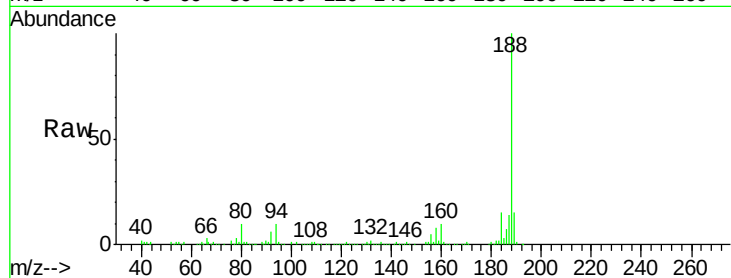




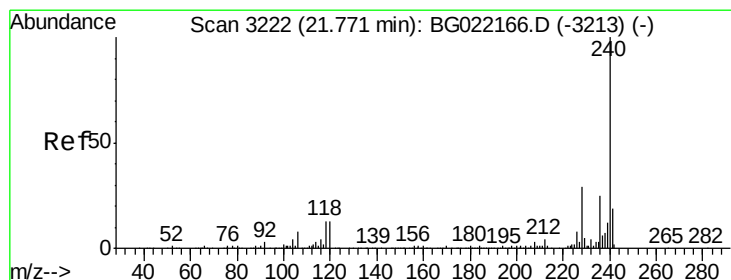
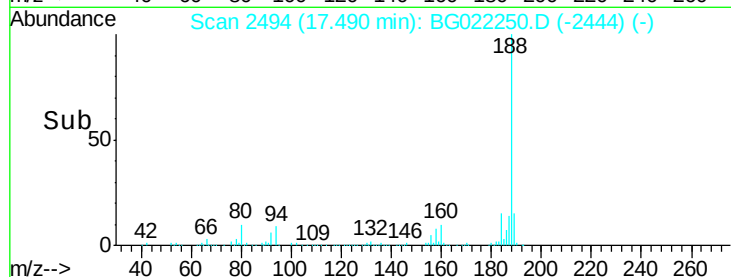
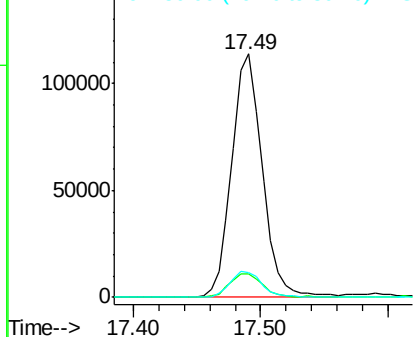
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022250.D
Acq: 9 Jun 2016 2:05

Instrument :
BNA_G
ClientSampleId :
W-24

Tot Ion:188 Resp: 190211
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.0 8.6 13.0

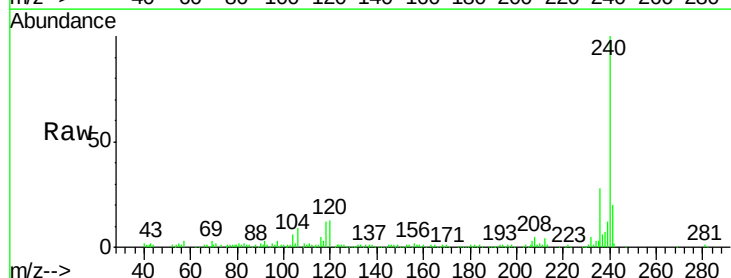


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

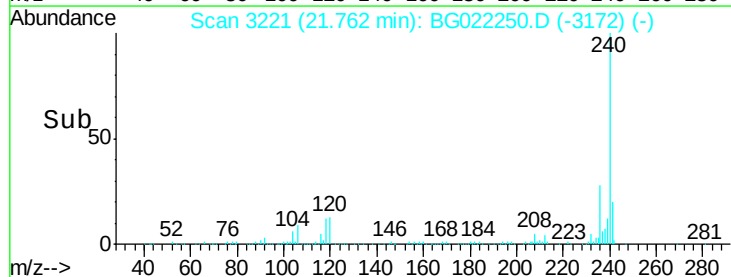
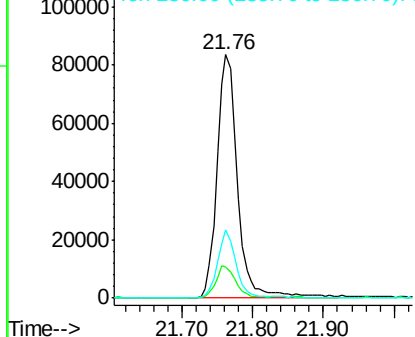


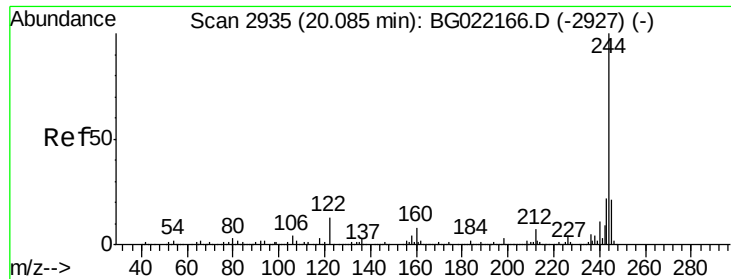
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022250.D
Acq: 9 Jun 2016 2:05

Tgt Ion:240 Resp: 169214
Ion Ratio Lower Upper
240 100
120 13.0 8.4 12.6#
236 27.9 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: 105.72 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

Instrument :

BNA_G

ClientSampleId :

W-24

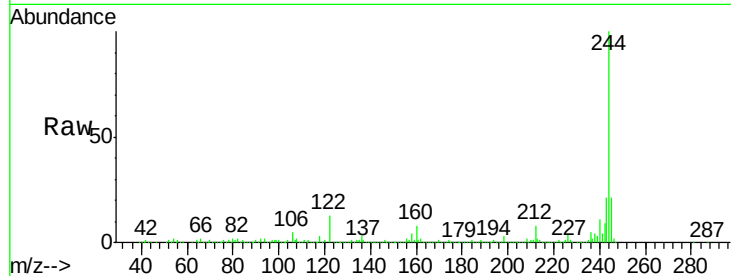
Tot Ion:244 Resp: 753530

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

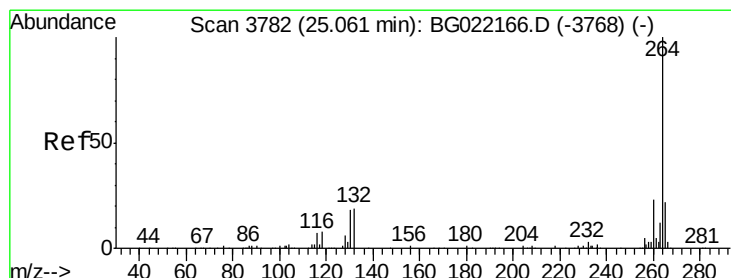
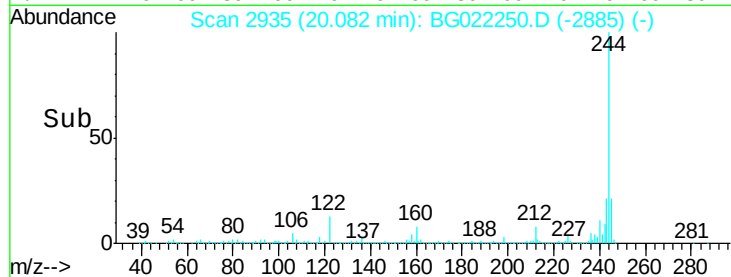
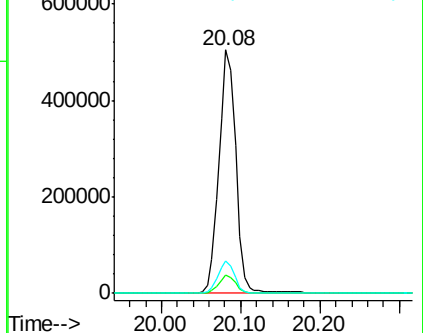
122 13.2 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022250.D

Acq: 9 Jun 2016 2:05

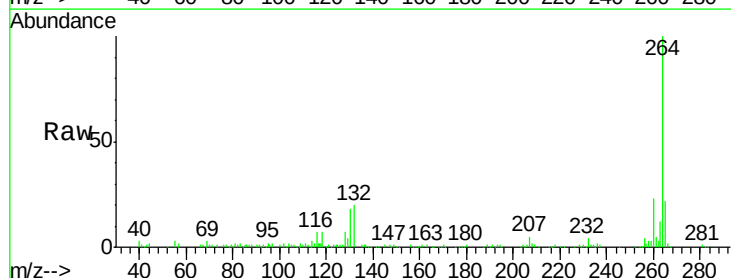
Tgt Ion:264 Resp: 159670

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 21.9 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

