

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020112.D
 Acq On : 11 Dec 2015 18:49
 Operator : UM/SJ
 Sample : G4729-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-25

Quant Time: Dec 11 23:31:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

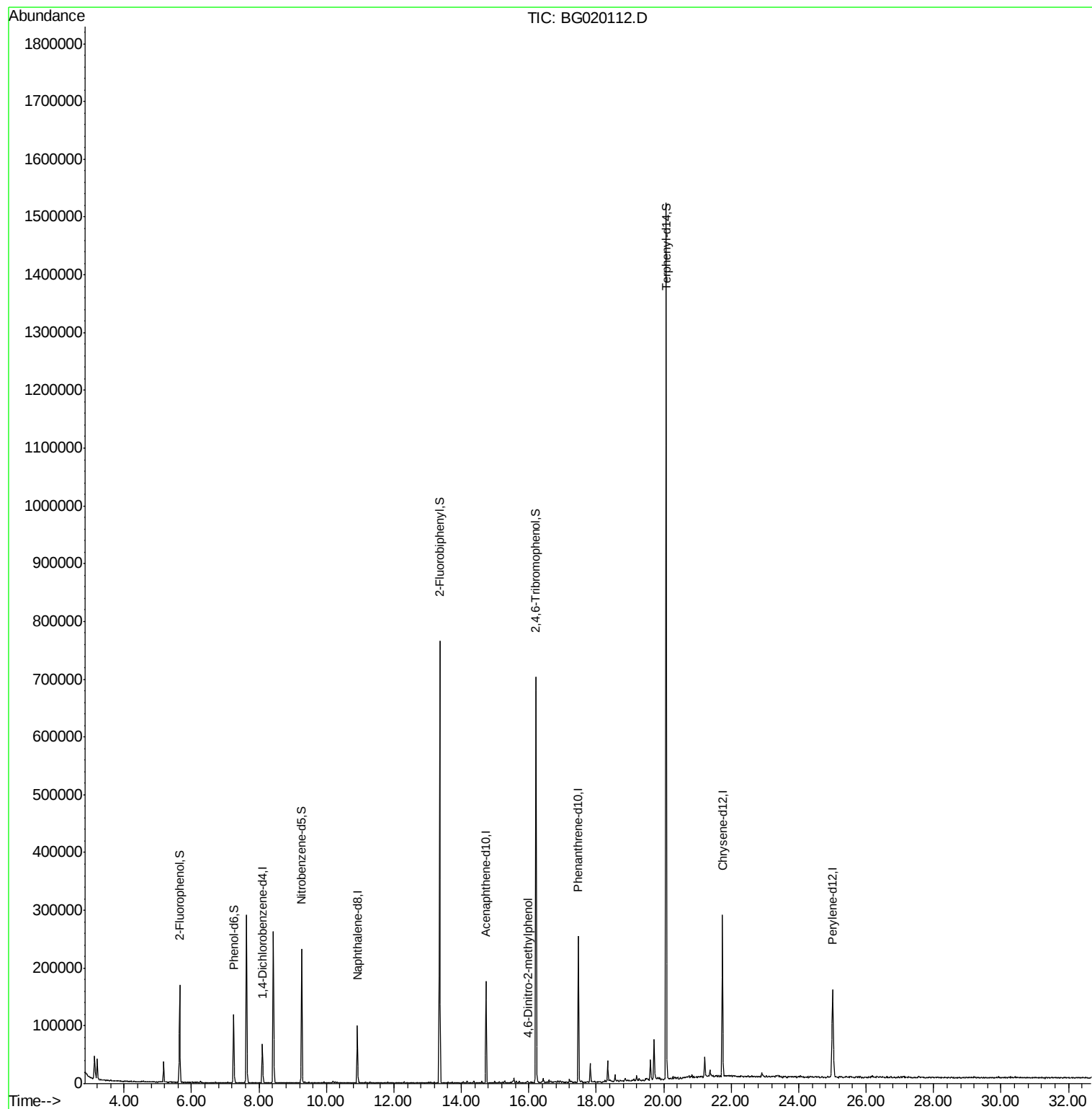
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18826	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	80863	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	59494	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	157007	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179194	20.00	ng	-0.05
86) Perylene-d12	25.01	264	169750	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	70362	67.55	ng	-0.02
7) Phenol-d6	7.25	99	67165	42.71	ng	-0.02
23) Nitrobenzene-d5	9.27	82	144015	90.89	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	138005	151.60	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	386692	88.75	ng	-0.04
78) Terphenyl-d14	20.07	244	681503	92.77	ng	-0.04
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	15.98	198	61	6.17	ng	Qvalue # 11

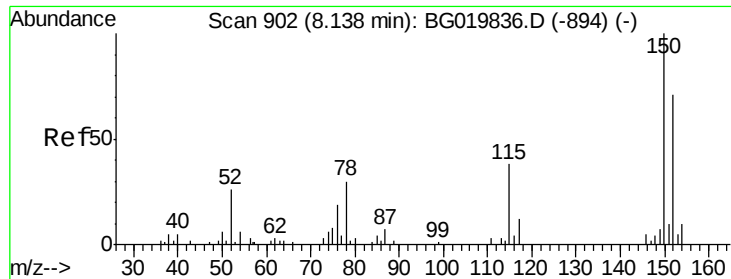
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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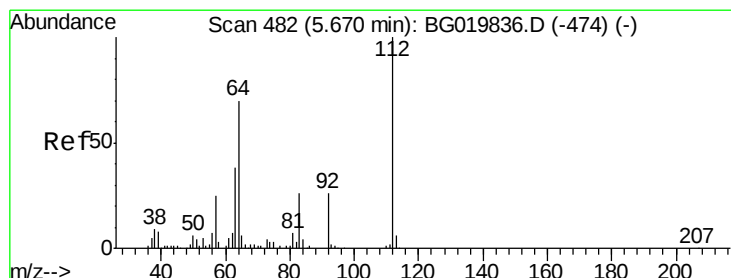
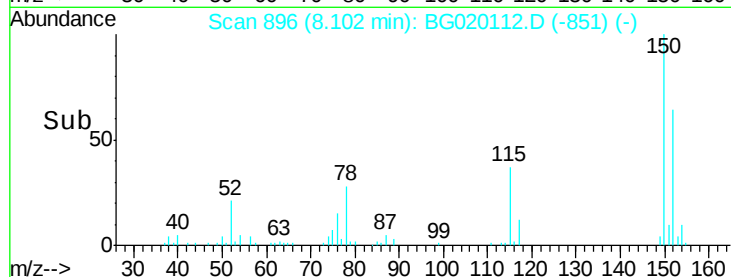
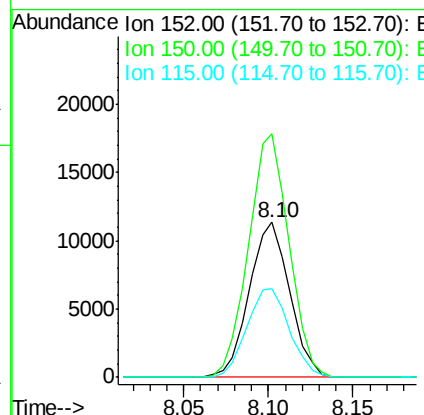
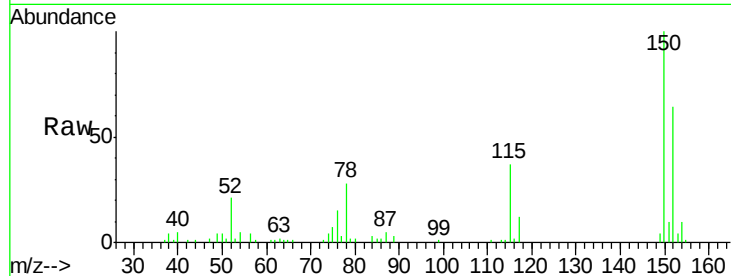




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.04 min
 Lab File: BG020112.D
 Acq: 11 Dec 2015 18:49

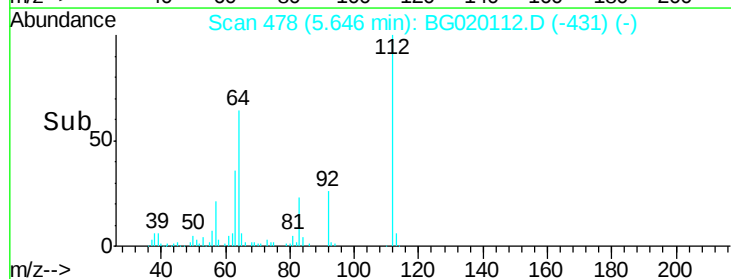
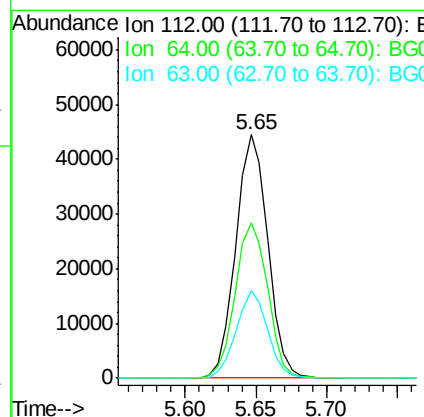
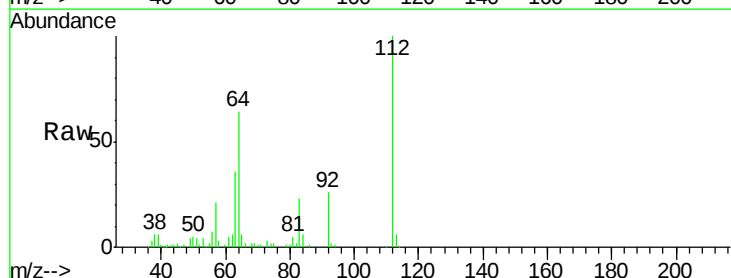
Instrument :
 BNA_G
 ClientSampled :
 W-25

Tgt Ion:152 Resp: 18826
 Ion Ratio Lower Upper
 152 100
 150 156.9 115.0 172.4
 115 57.6 43.9 65.9



#5
 2-Fluorophenol
 Concen: 67.55 ng
 RT: 5.65 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BG020112.D
 Acq: 11 Dec 2015 18:49

Tgt Ion:112 Resp: 70362
 Ion Ratio Lower Upper
 112 100
 64 63.5 43.7 65.5
 63 35.9 24.0 36.0





#7

Phenol-d6

Concen: 42.71 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020112.D

Acq: 11 Dec 2015 18:49

Instrument :

BNA_G

ClientSampleId :

W-25

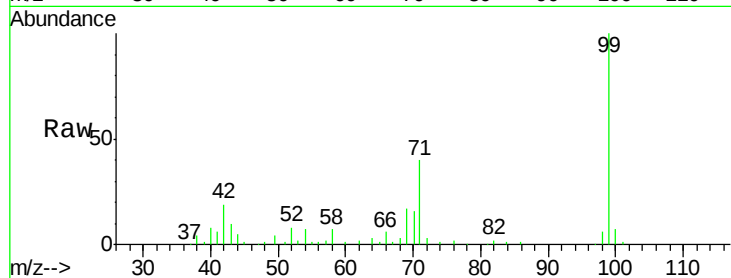
Tgt Ion: 99 Resp: 67165

Ion Ratio Lower Upper

99 100

42 19.2 11.5 17.3#

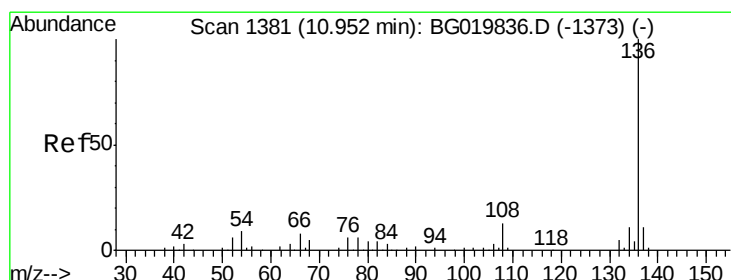
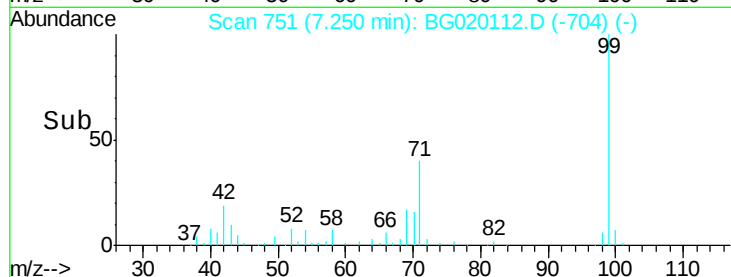
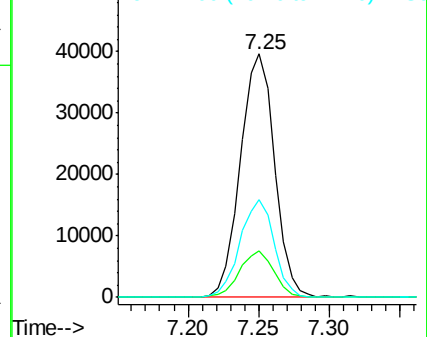
71 40.4 22.6 34.0#



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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020112.D

Acq: 11 Dec 2015 18:49

Tgt Ion: 136 Resp: 80863

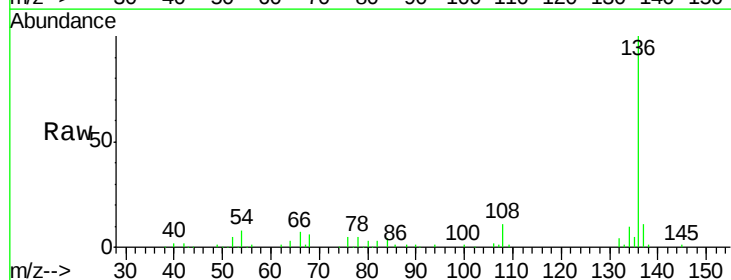
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 7.9 5.4 8.2

68 5.8 5.3 7.9

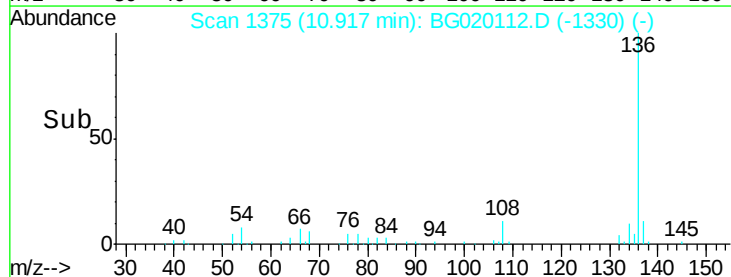
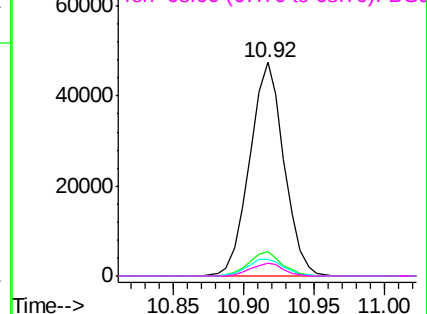


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

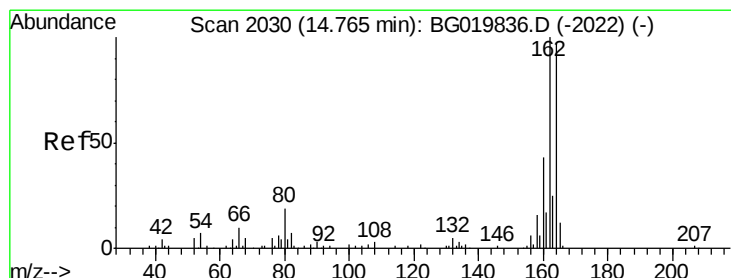
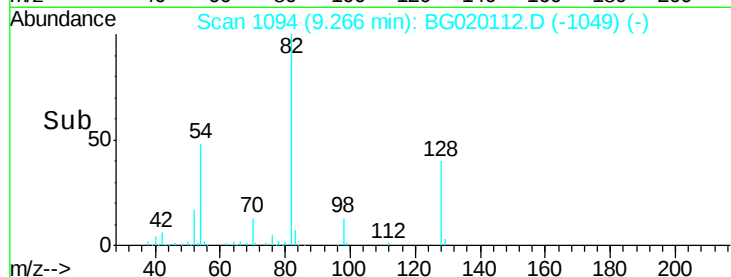
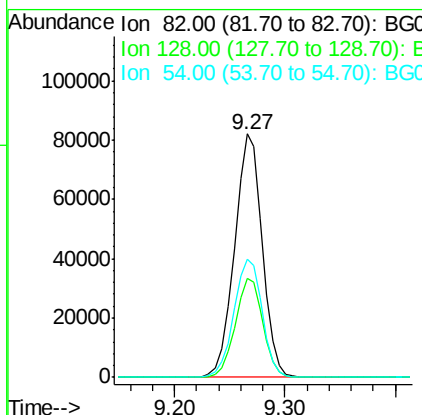
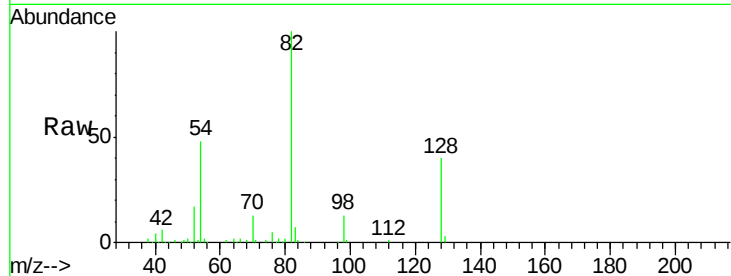




#23
Nitrobenzene-d5
Concen: 90.89 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

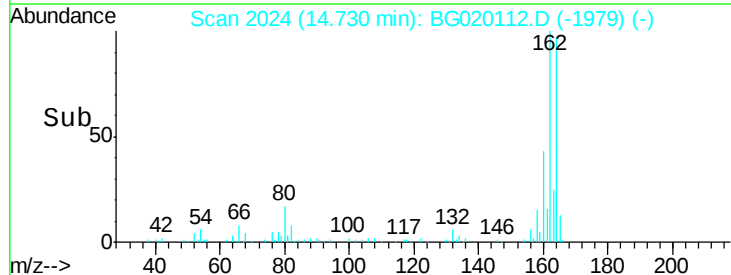
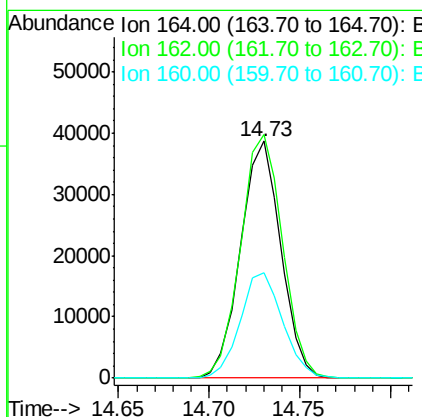
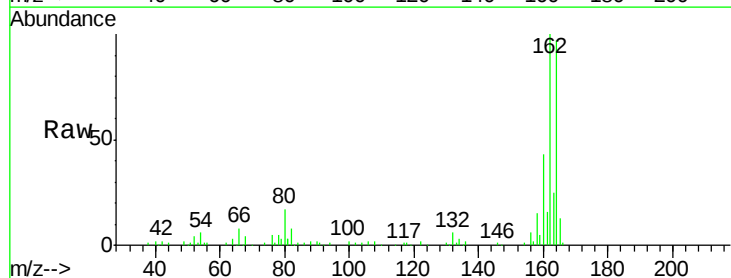
Instrument :
BNA_G
ClientSampled :
W-25

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.7	55.1
54	48.4	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.6	36.4	54.6





#41

2,4,6-Tribromophenol

Concen: 151.60 ng

RT: 16.22 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BG020112.D

Acq: 11 Dec 2015 18:49

Instrument :

BNA_G

ClientSampleId :

W-25

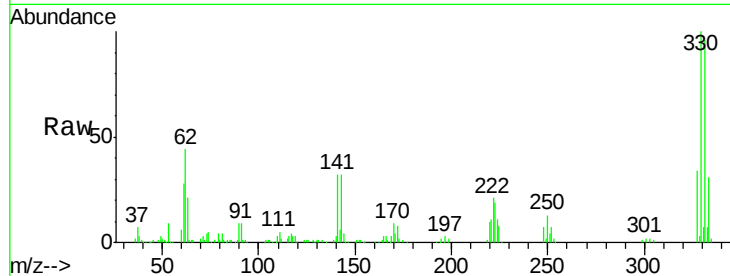
Tgt Ion:330 Resp: 138005

Ion Ratio Lower Upper

330 100

332 97.1 78.1 117.1

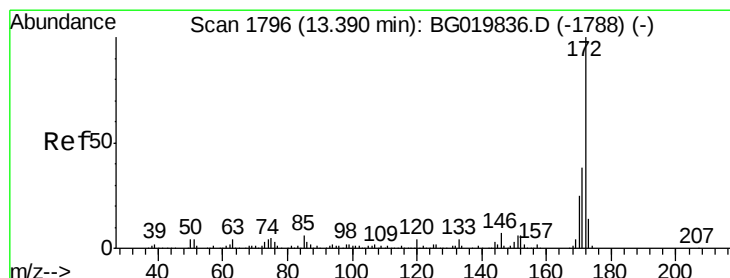
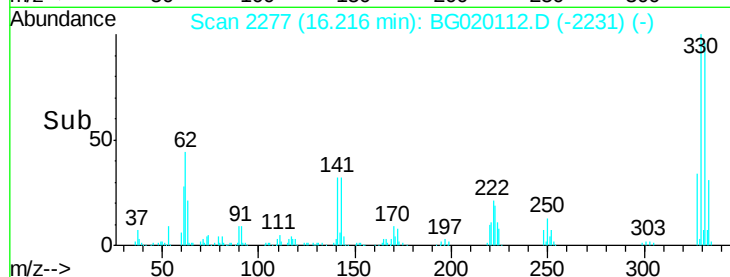
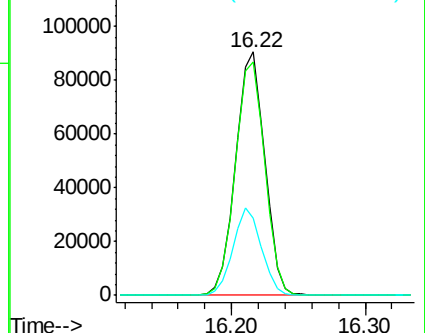
141 35.0 28.2 42.2



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: 88.75 ng

RT: 13.36 min Scan# 1790

Delta R.T. -0.04 min

Lab File: BG020112.D

Acq: 11 Dec 2015 18:49

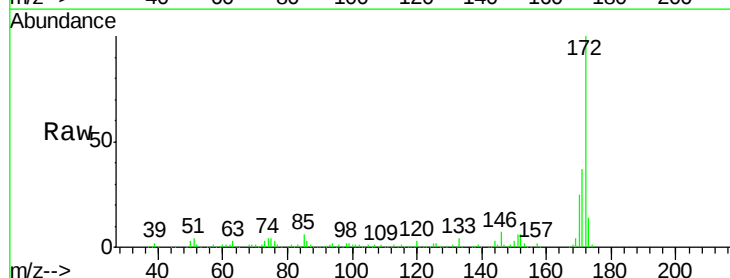
Tgt Ion:172 Resp: 386692

Ion Ratio Lower Upper

172 100

171 37.4 29.0 43.6

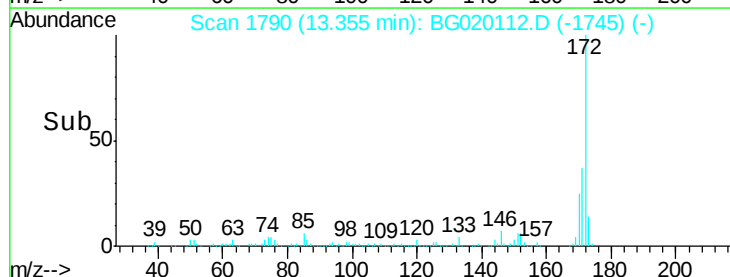
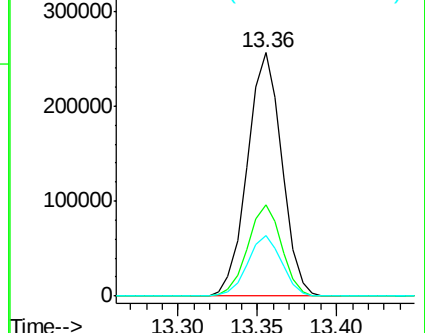
170 25.0 19.9 29.9



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

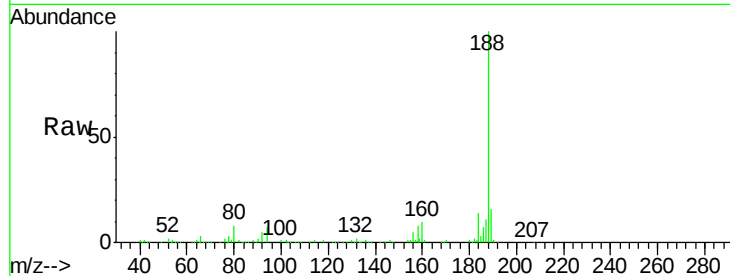




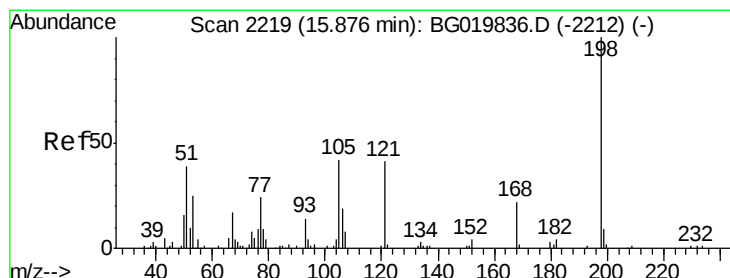
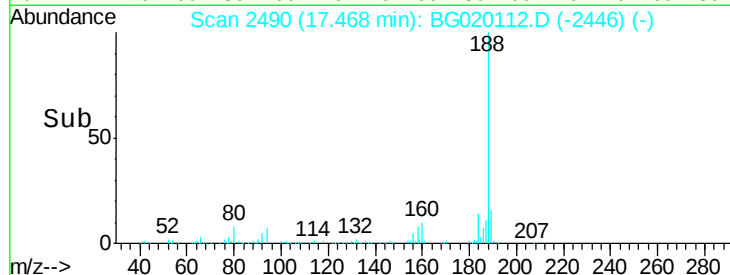
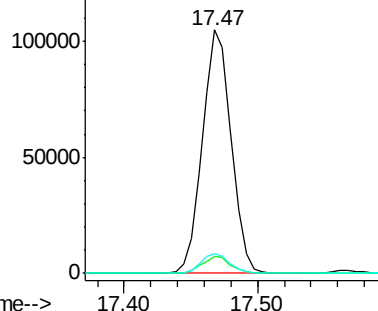
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampled :
W-25

Tgt Ion:188 Resp: 157007
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 8.0 7.8 11.8

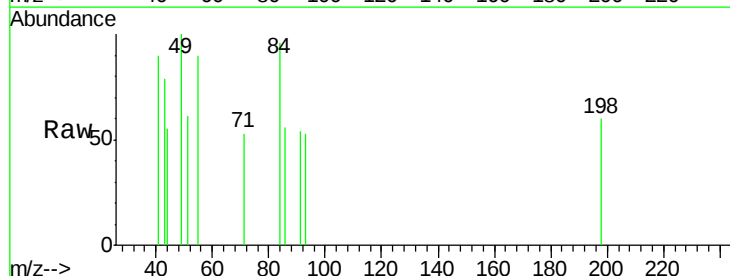


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

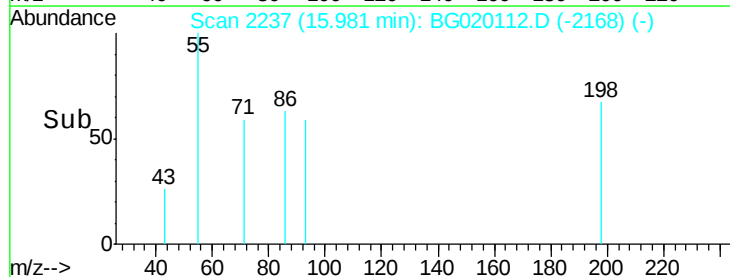
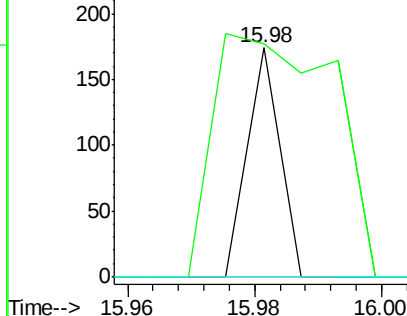


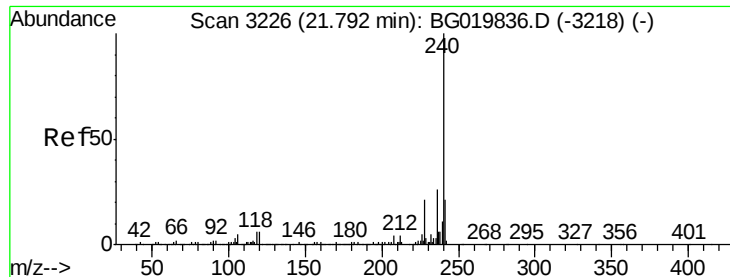
#64
4,6-Dinitro-2-methylphenol
Concen: 6.17 ng
RT: 15.98 min Scan# 2237
Delta R.T. 0.11 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 101.7 14.2 54.2#
105 0.0 21.1 61.1#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020112.D

Acq: 11 Dec 2015 18:49

Instrument :

BNA_G

ClientSampleId :

W-25

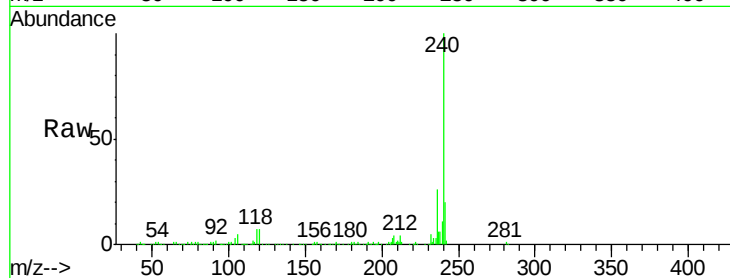
Tgt Ion:240 Resp: 179194

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

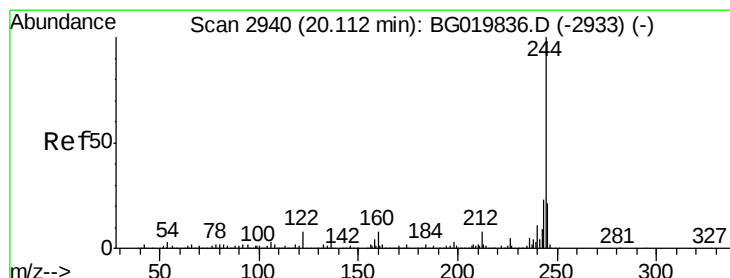
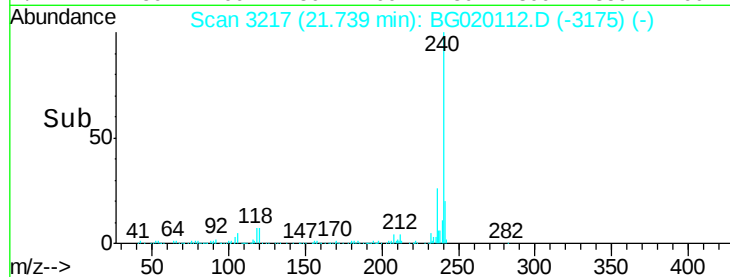
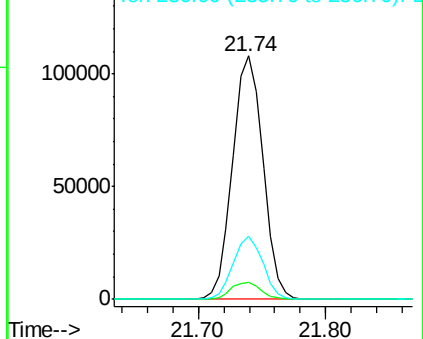
236 25.8 20.7 31.1



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: 92.77 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020112.D

Acq: 11 Dec 2015 18:49

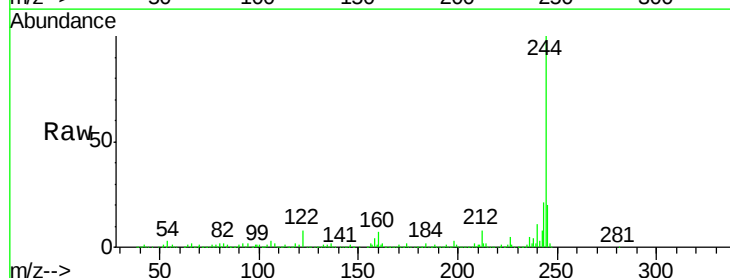
Tgt Ion:244 Resp: 681503

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

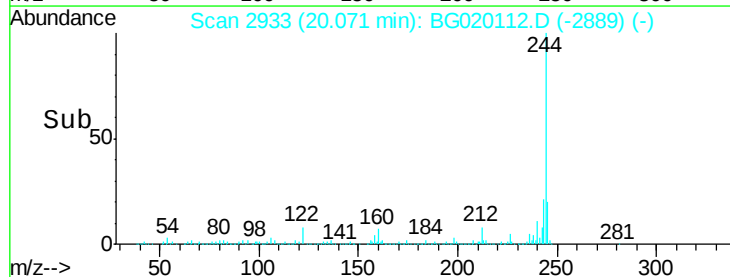
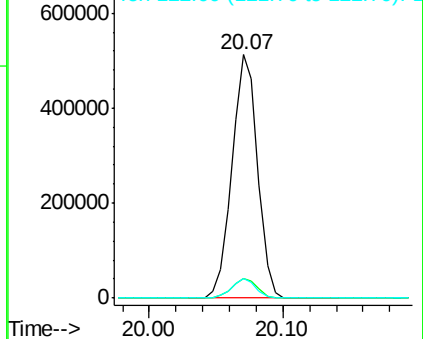
122 8.3 10.2 15.2#

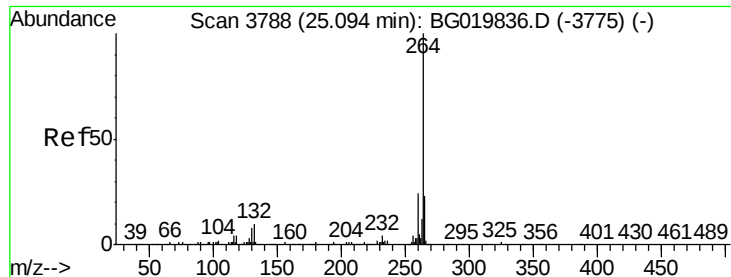


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3773
Delta R.T. -0.09 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:	264	Resp:	169750
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	21.2	17.2	25.8

