

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120915\
 Data File : BG020033.D
 Acq On : 9 Dec 2015 8:07
 Operator : UM/SJ
 Sample : G4677-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-U-S

Quant Time: Dec 09 14:24:02 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	8.11	152	20275	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	88363	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	62380	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	149473	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	186574	20.00	ng	-0.04
86) Perylene-d12	25.03	264	173901	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	43185	38.50	ng	-0.01
7) Phenol-d6	7.26	99	41029	24.22	ng	-0.02
23) Nitrobenzene-d5	9.28	82	147763	85.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	69974	73.31	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	381402	83.48	ng	-0.02
78) Terphenyl-d14	20.08	244	628239	82.13	ng	-0.03

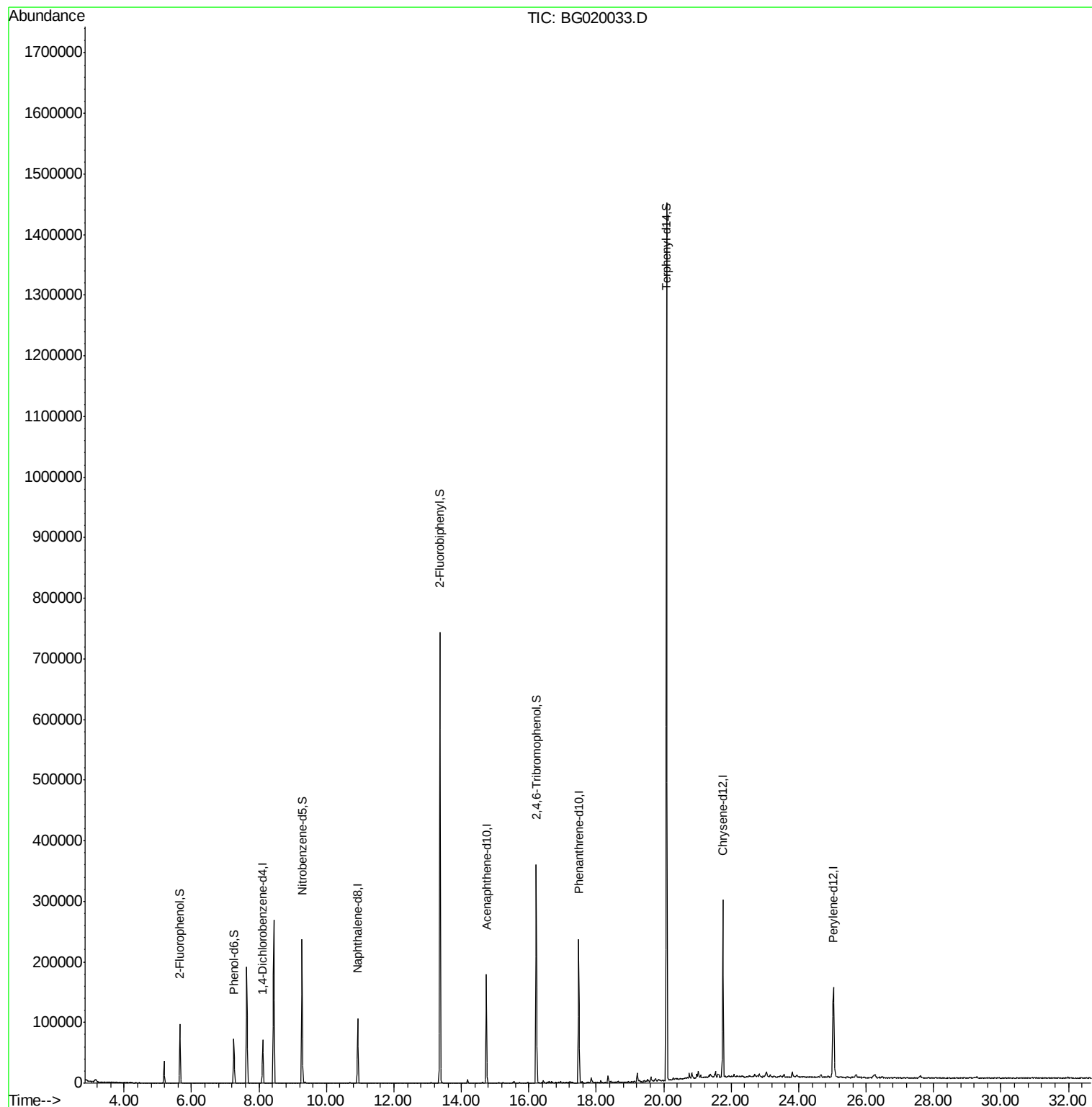
Target Compounds Qvalue

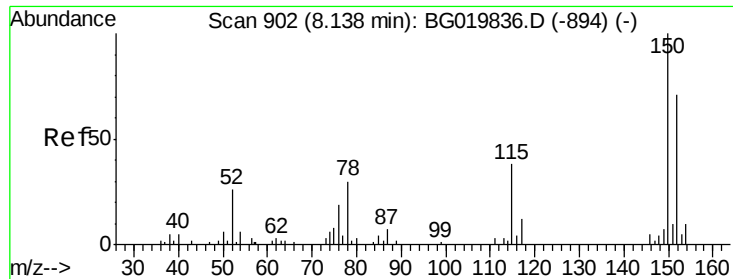
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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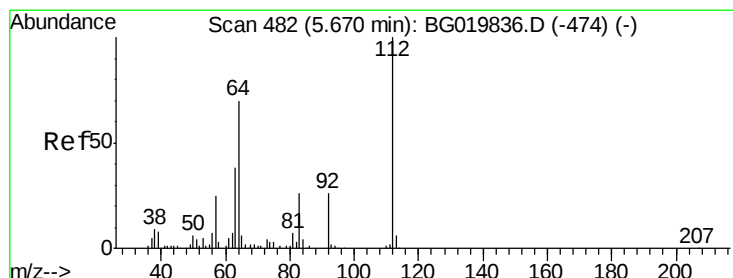
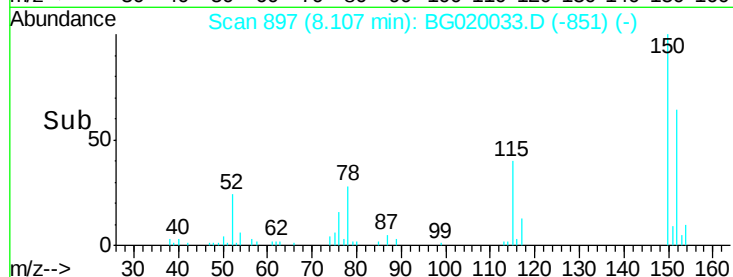
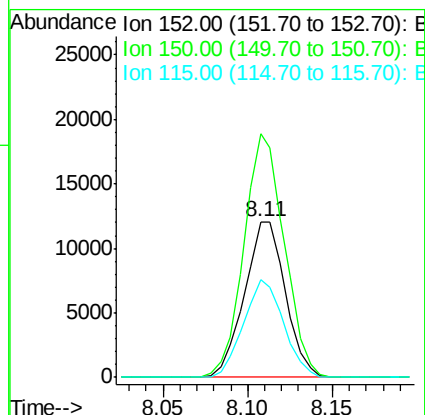
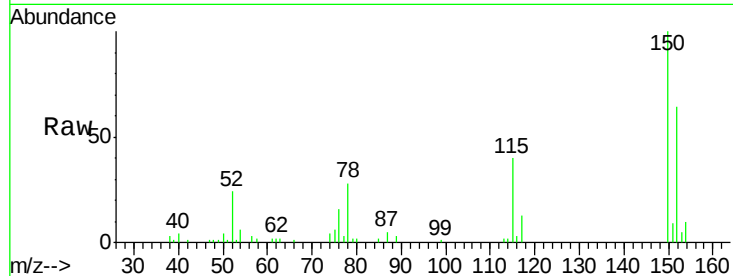


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

Instrument :
BNA_G
ClientSampleId :
120315-A263-F-U-S

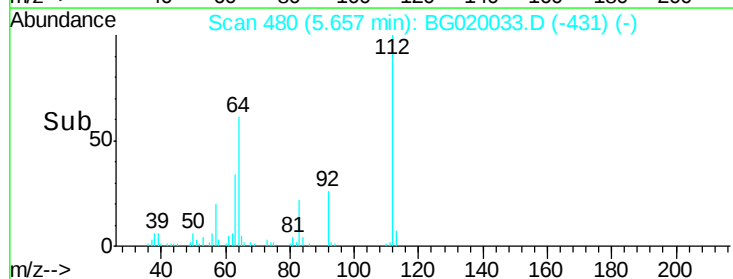
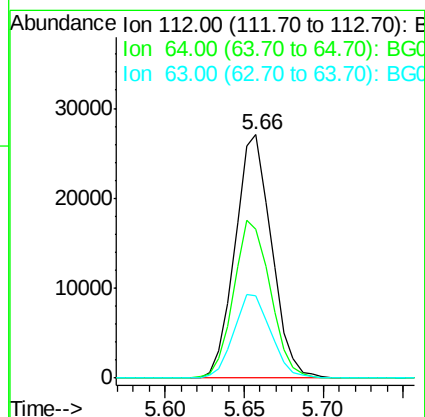
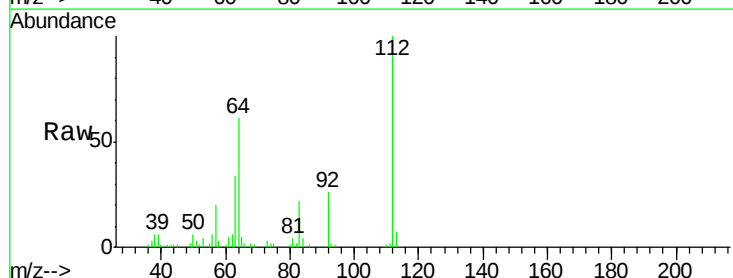
Tot Ion:152 Resp: 20275
Ion Ratio Lower Upper
152 100
150 156.7 115.0 172.4
115 62.8 43.9 65.9

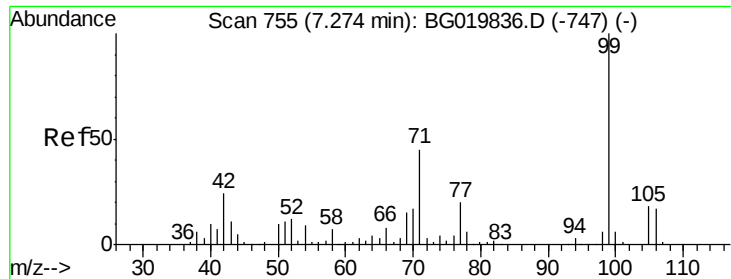


#5

2-Fluorophenol
Concen: 38.50 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

Tgt Ion:112 Resp: 43185
Ion Ratio Lower Upper
112 100
64 61.1 43.7 65.5
63 33.6 24.0 36.0





#7

Phenol-d6

Concen: 24.22 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020033.D

Acq: 9 Dec 2015 8:07

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-U-S

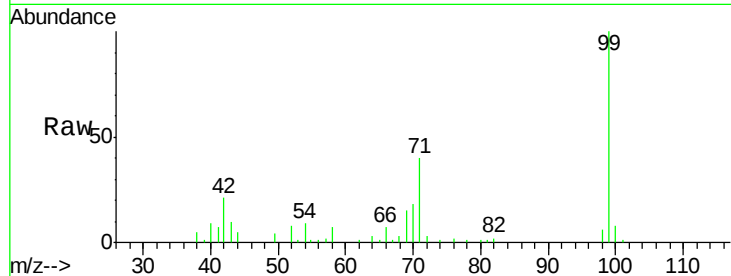
Tot Ion: 99 Resp: 41029

Ion Ratio Lower Upper

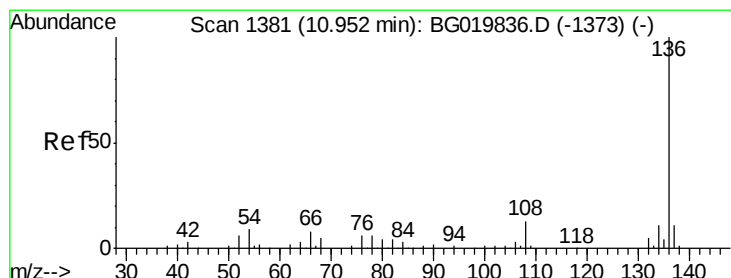
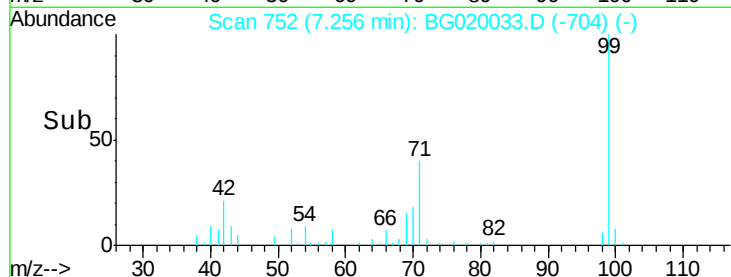
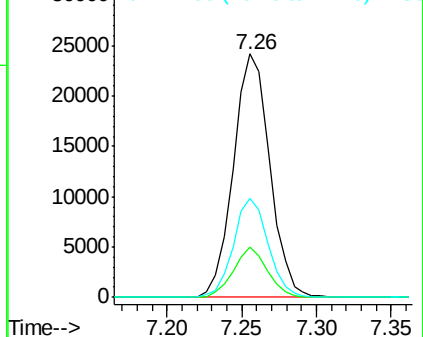
99 100

42 20.5 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020033.D

Acq: 9 Dec 2015 8:07

Tgt Ion: 136 Resp: 88363

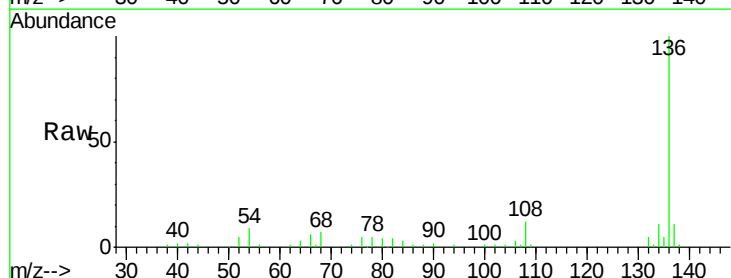
Ion Ratio Lower Upper

136 100

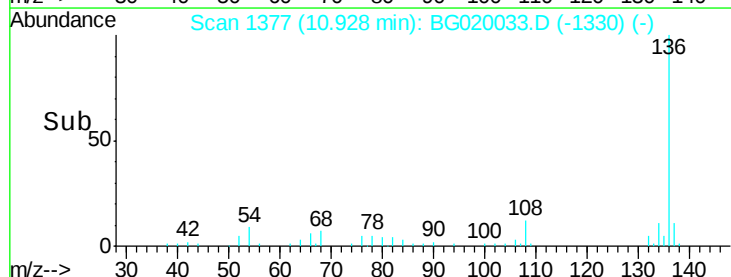
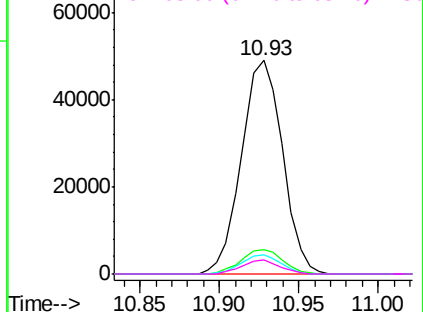
137 11.3 8.6 12.8

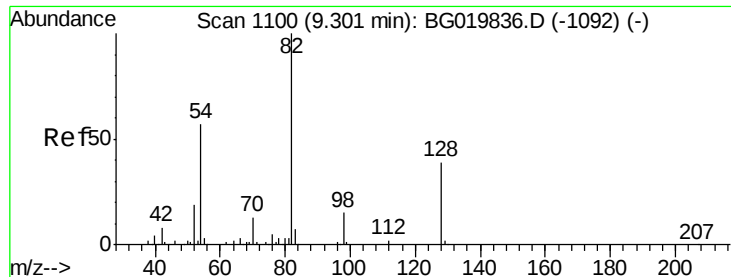
54 9.3 5.4 8.2#

68 6.8 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

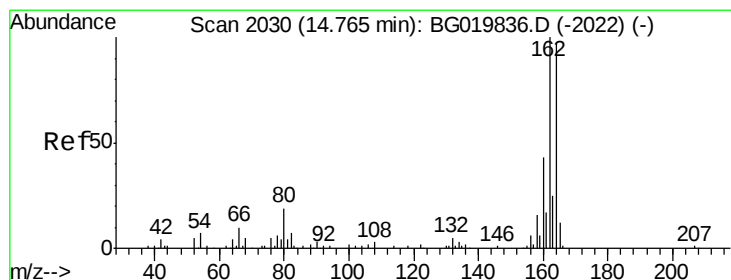
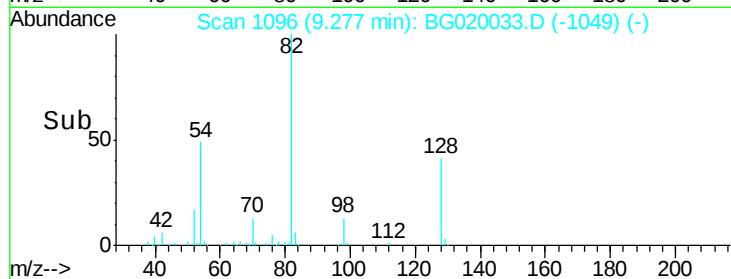
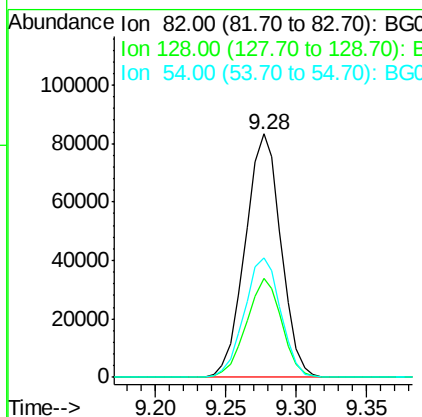
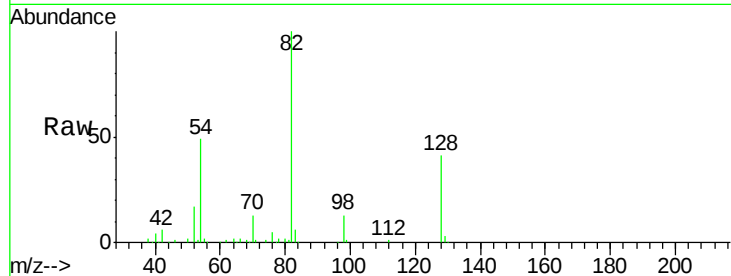




#23
Nitrobenzene-d5
Concen: 85.34 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

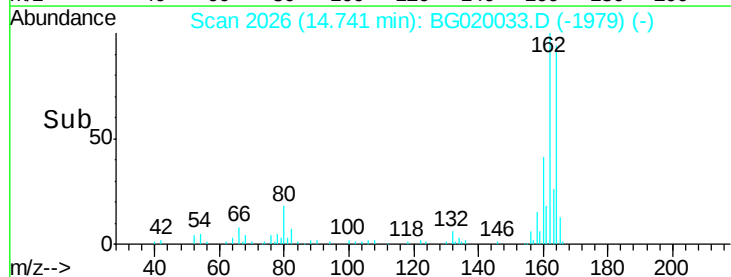
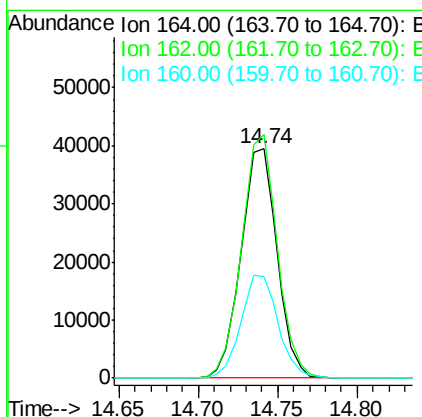
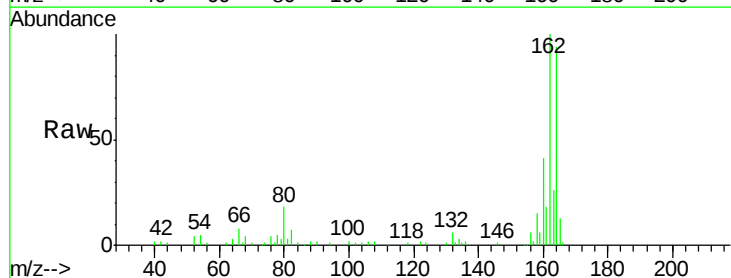
Instrument :
BNA_G
ClientSampleId :
120315-A263-F-U-S

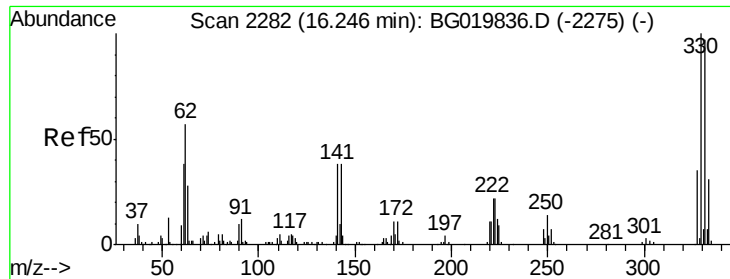
Tot Ion	82	Resp	147763
Ion Ratio	Lower	Upper	
82	100		
128	40.6	36.7	55.1
54	48.9	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

Tgt Ion	164	Resp	62380
Ion Ratio	Lower	Upper	
164	100		
162	106.2	78.8	118.2
160	44.1	36.4	54.6

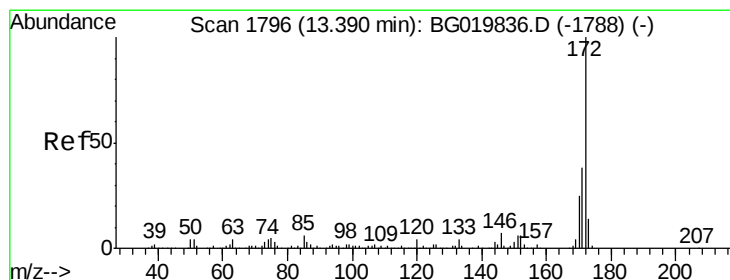
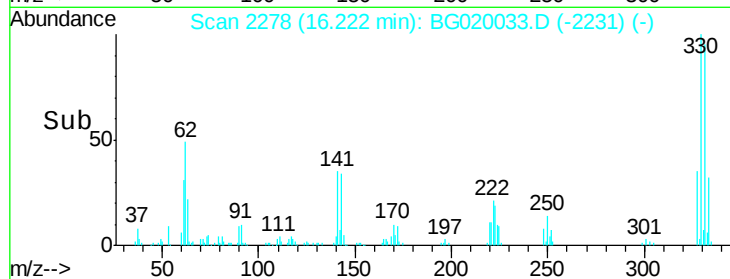
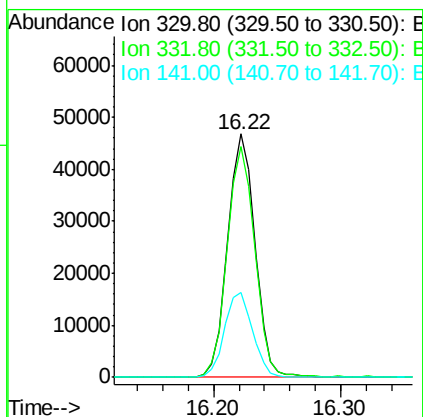
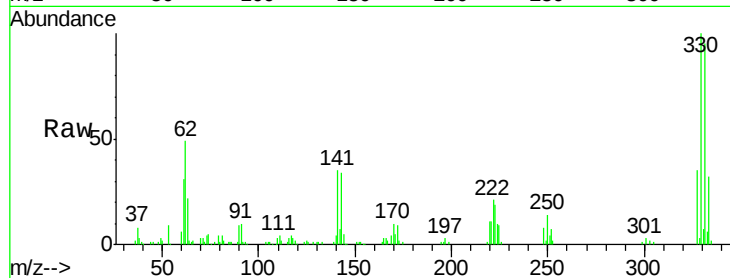




#41
 2,4,6-Tribromophenol
 Concen: 73.31 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020033.D
 Acq: 9 Dec 2015 8:07

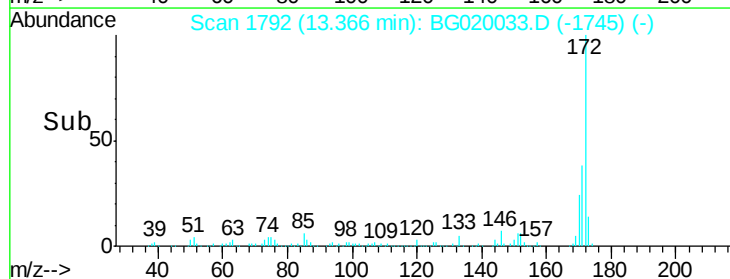
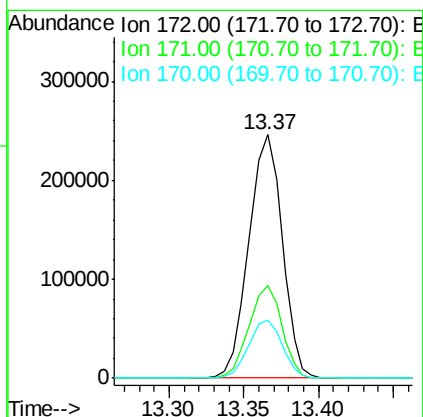
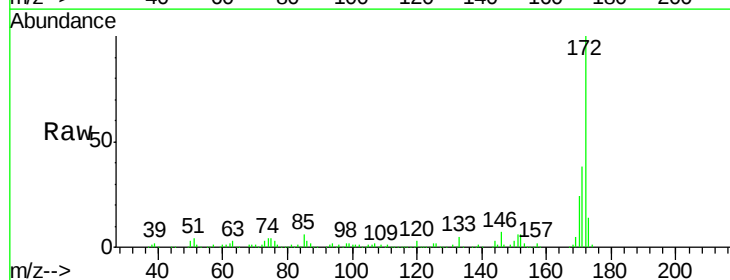
Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-U-S

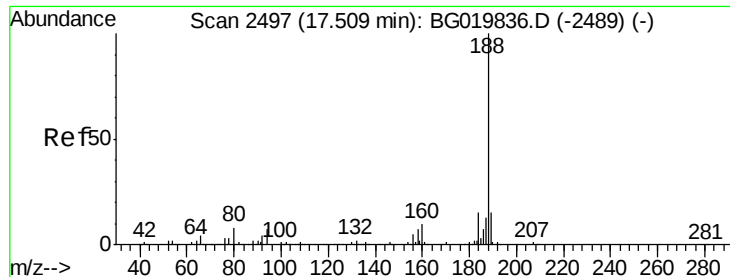
Tot Ion:330 Resp: 69974
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.1 117.1
 141 35.6 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020033.D
 Acq: 9 Dec 2015 8:07

Tgt Ion:172 Resp: 381402
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.0 43.6
 170 24.1 19.9 29.9

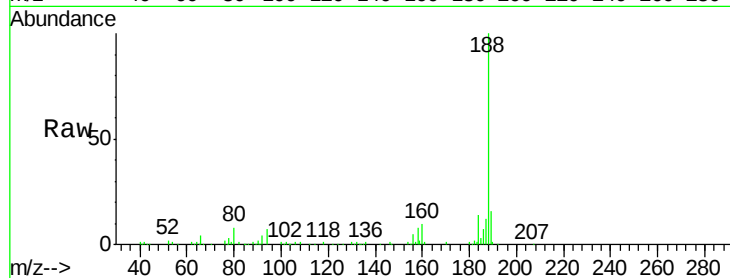




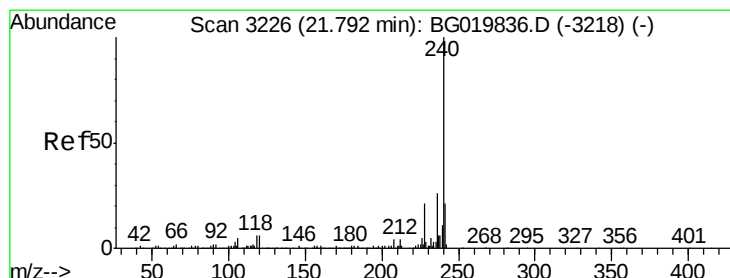
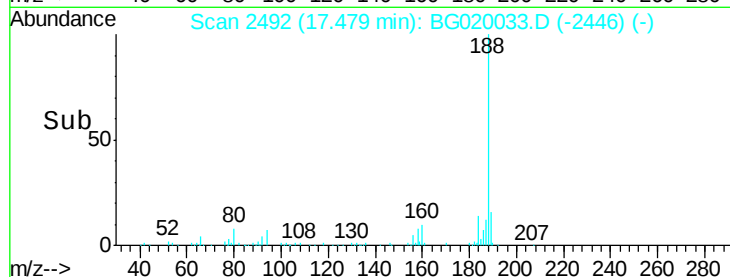
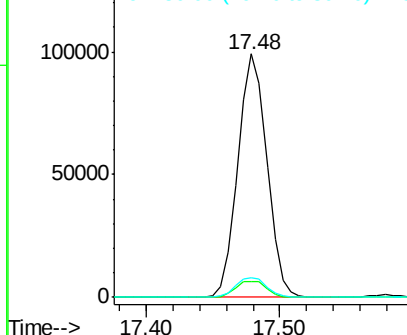
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

Instrument :
BNA_G
ClientSampleId :
120315-A263-F-U-S

Tot Ion:188 Resp: 149473
Ion Ratio Lower Upper
188 100
94 6.5 7.7 11.5#
80 8.2 7.8 11.8

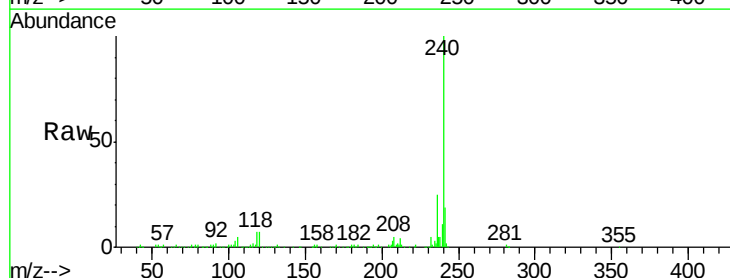


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

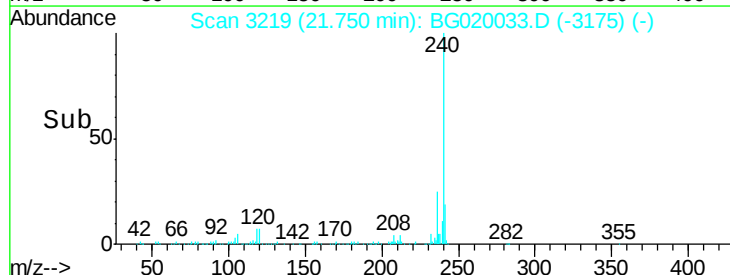
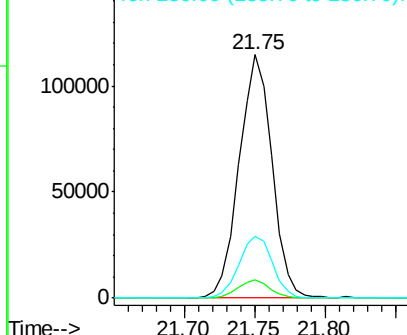


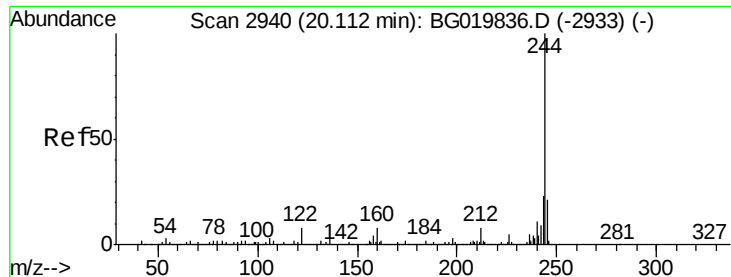
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

Tgt Ion:240 Resp: 186574
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 25.4 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: 82.13 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020033.D

Acq: 9 Dec 2015 8:07

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-U-S

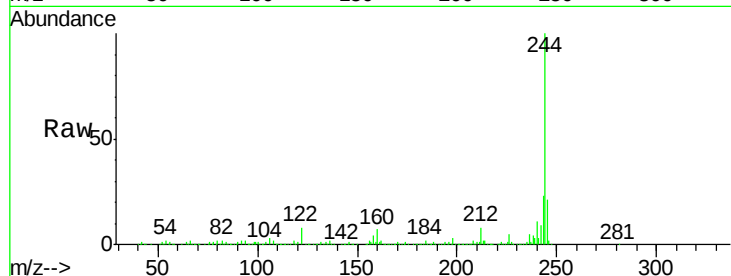
Tot Ion:244 Resp: 628239

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

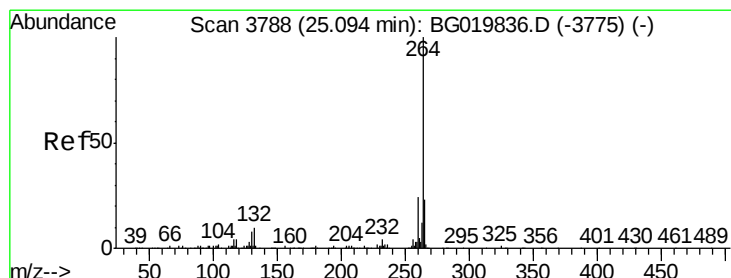
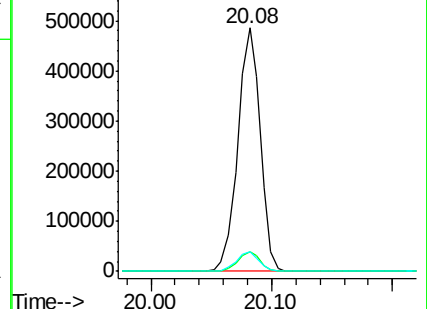
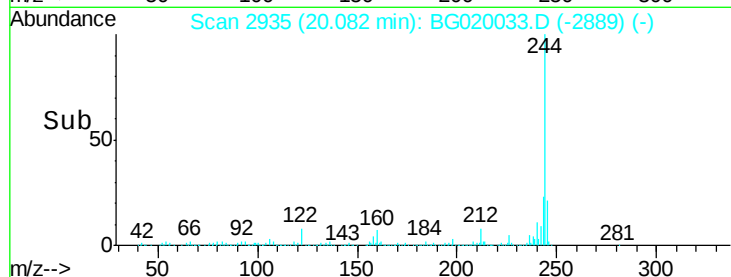
122 7.9 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG020033.D

Acq: 9 Dec 2015 8:07

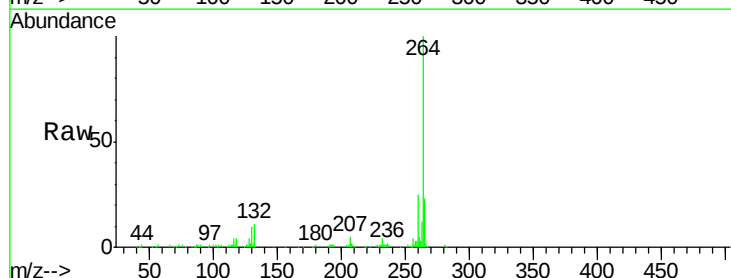
Tgt Ion:264 Resp: 173901

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

265 22.6 17.2 25.8



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

