

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

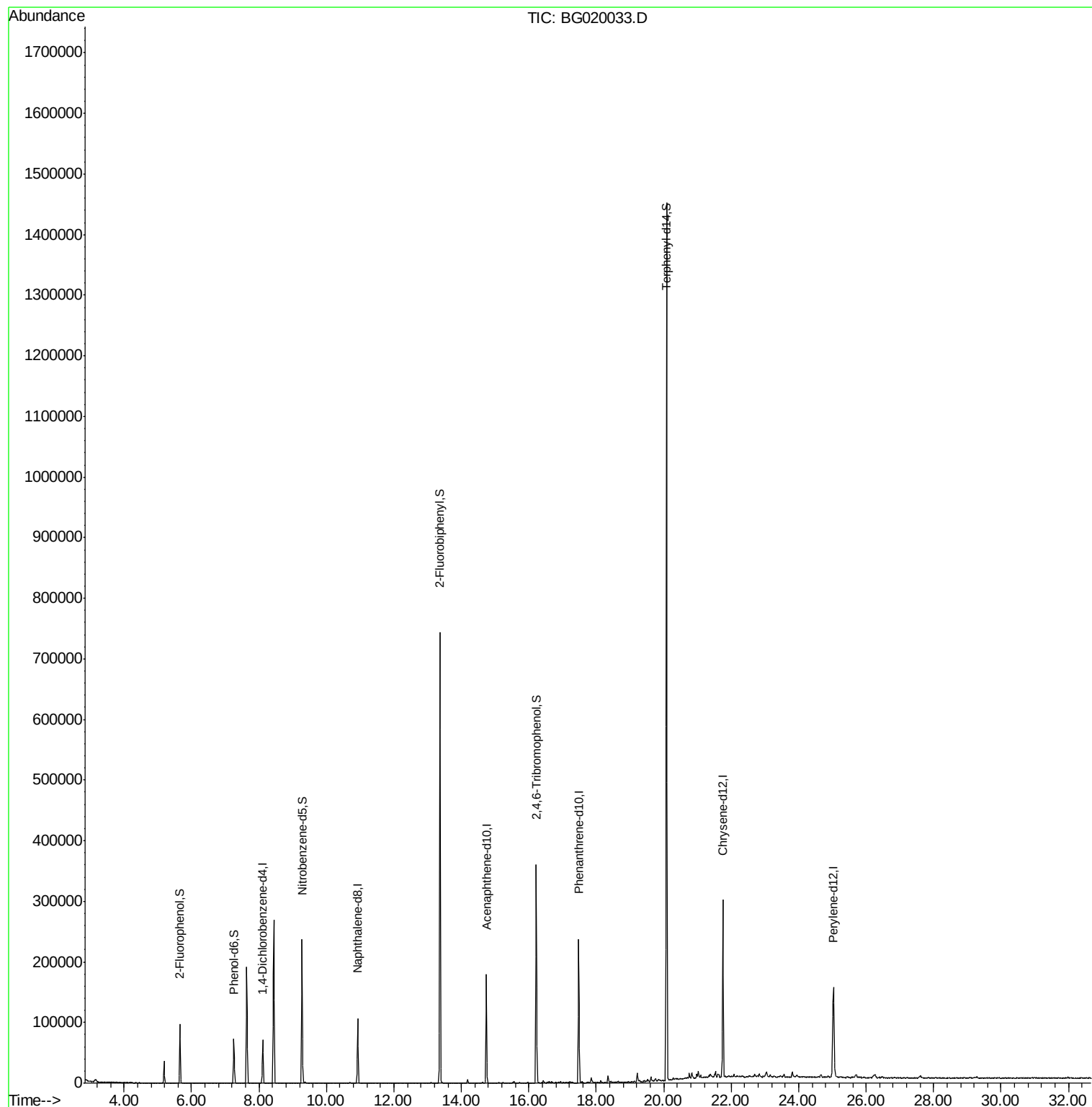
Target Compounds	Qvalue
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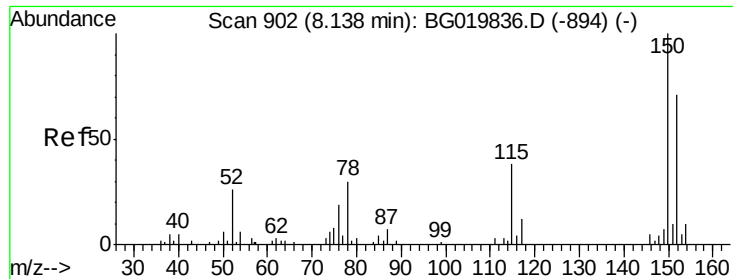
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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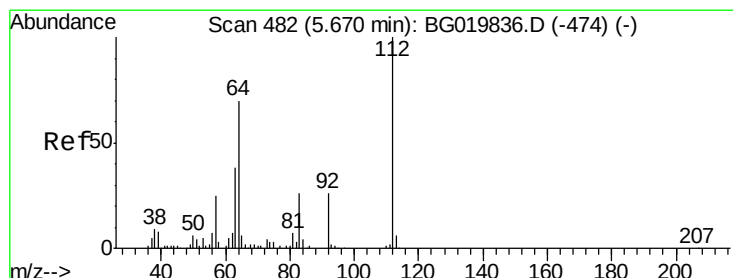
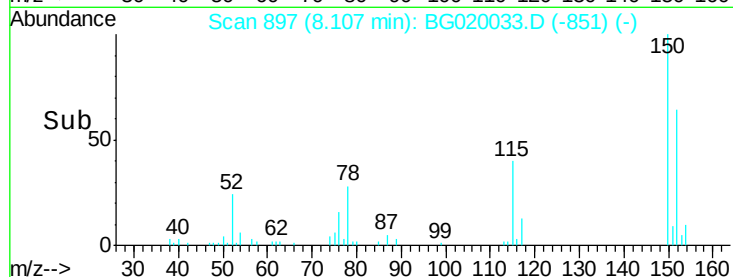
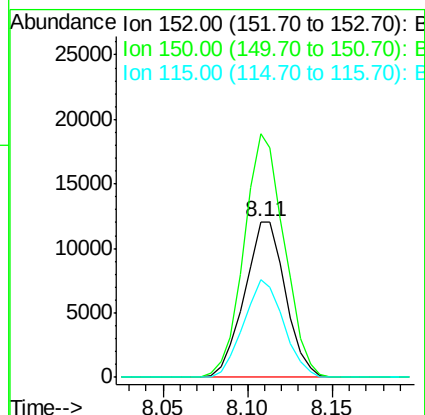
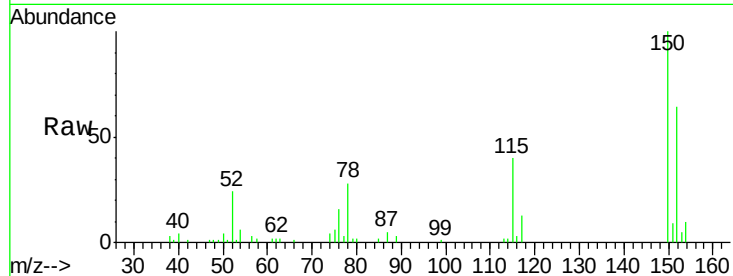


#1

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

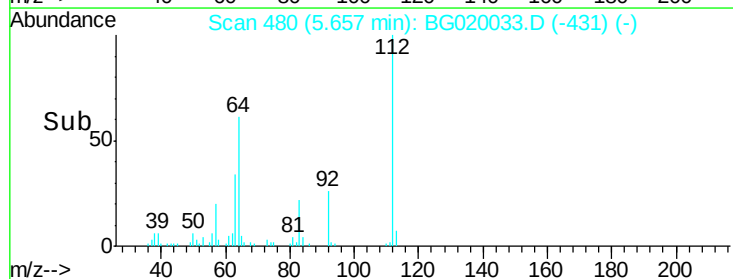
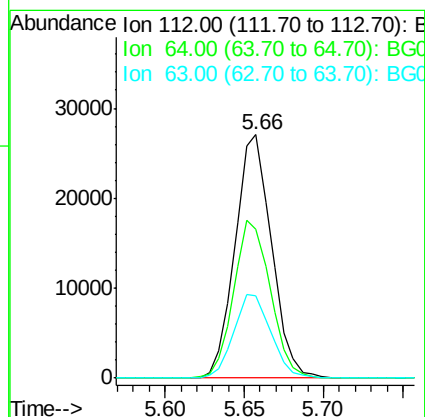
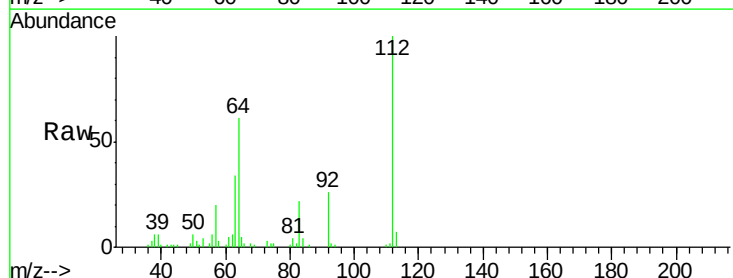
Tgt Ion:152 Resp: 20275
 Ion Ratio Lower Upper
 152 100
 150 156.7 115.0 172.4
 115 62.8 43.9 65.9

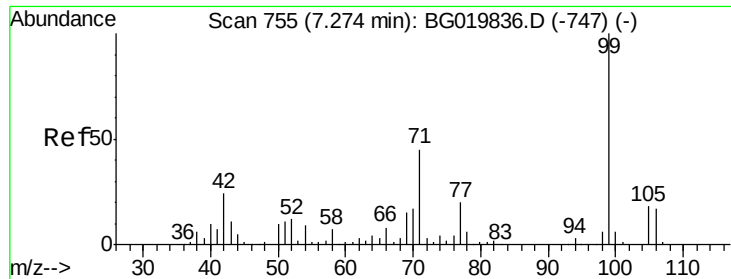


#5

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

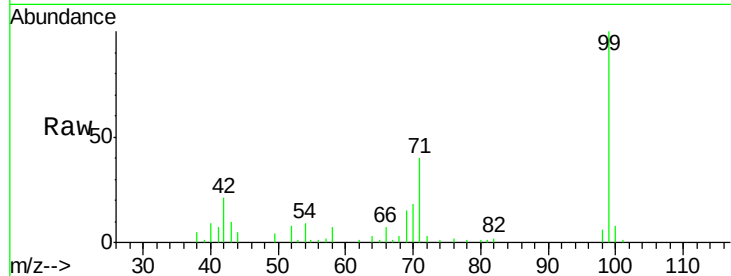
Tgt Ion: 99 Resp: 41029

Ion Ratio Lower Upper

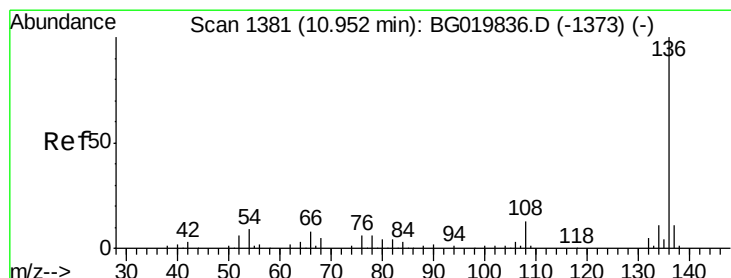
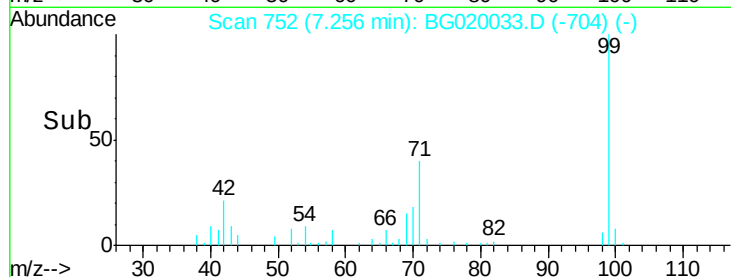
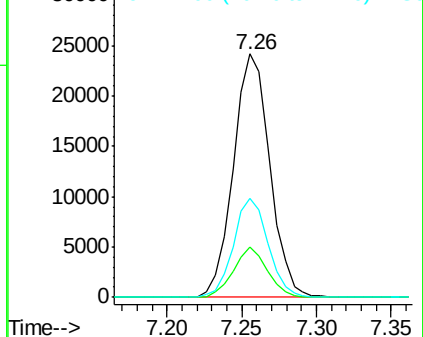
99 100

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

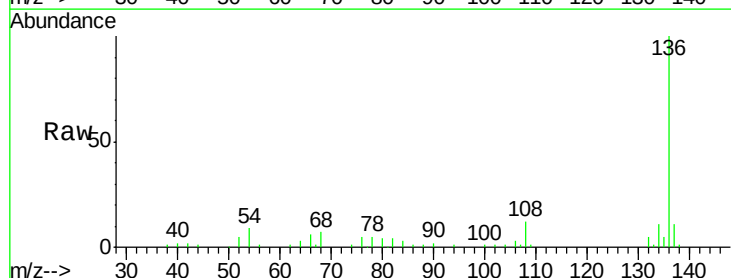
Ion Ratio Lower Upper

136 100

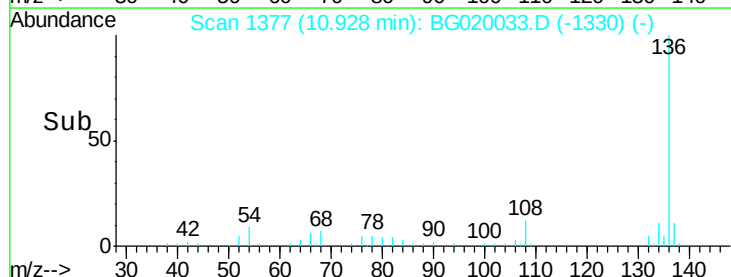
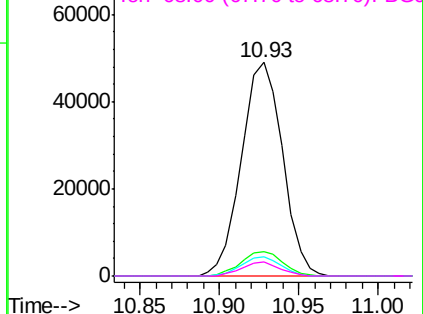
137 11.3 8.6 12.8

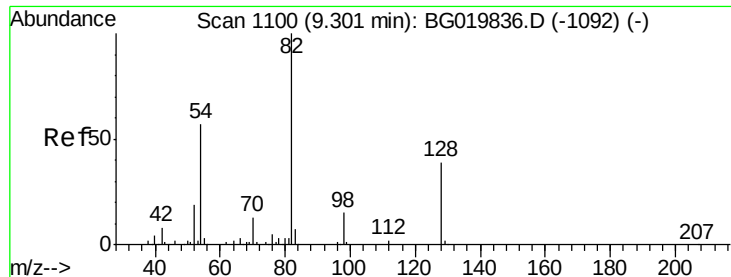
54 9.3 5.4 8.2#

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

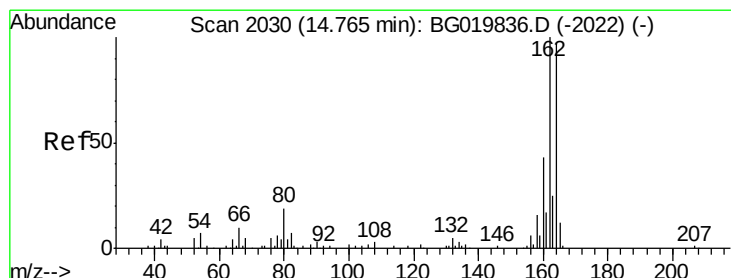
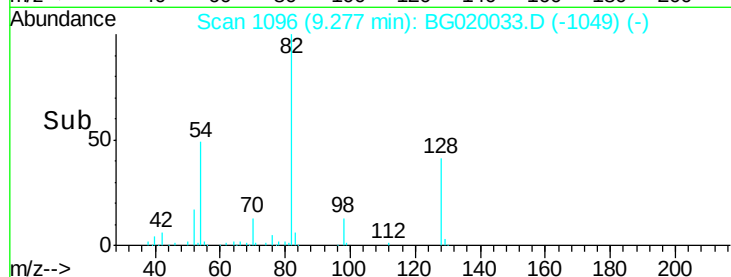
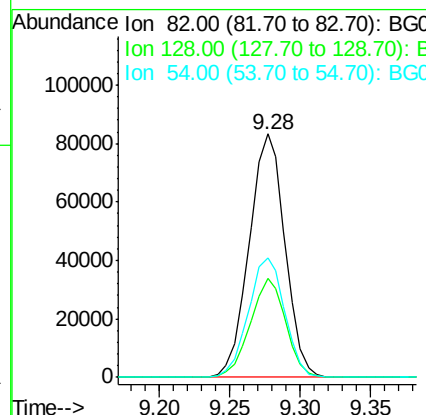
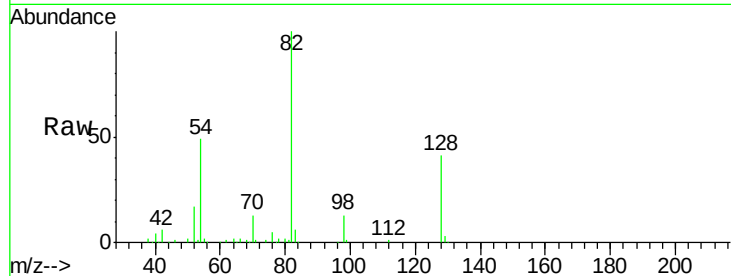




#23
 Nitrobenzene-d5
 Concen: 85.34 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020033.D
 Acq: 9 Dec 2015 8:07

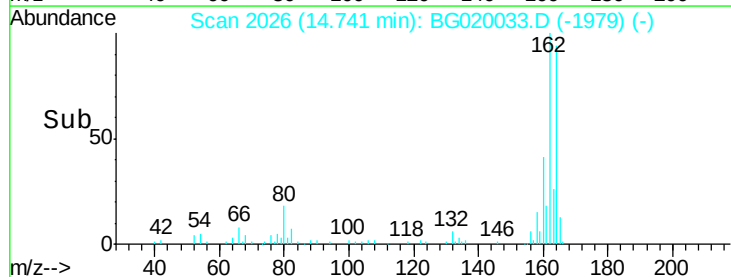
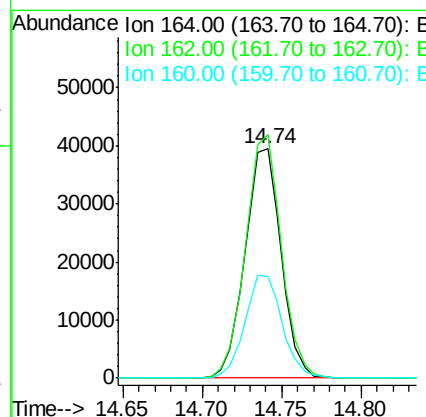
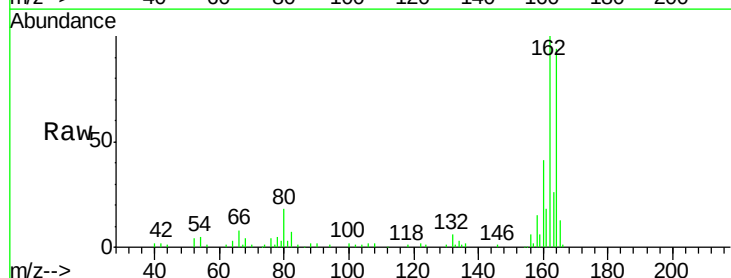
Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-U-S

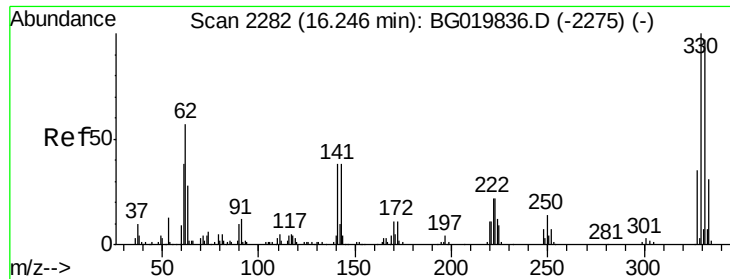
Tgt Ion: 82 Resp: 147763
 Ion Ratio Lower Upper
 82 100
 128 40.6 36.7 55.1
 54 48.9 33.8 50.8



#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

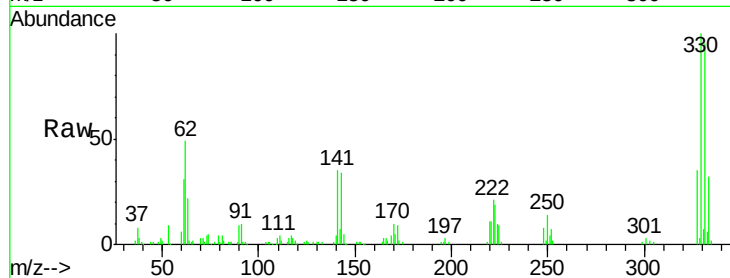




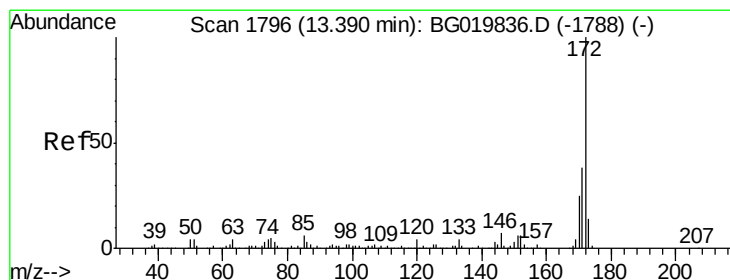
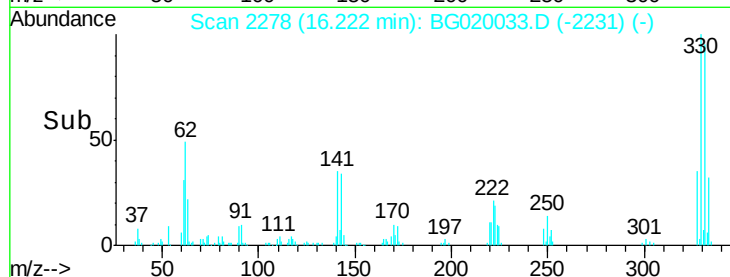
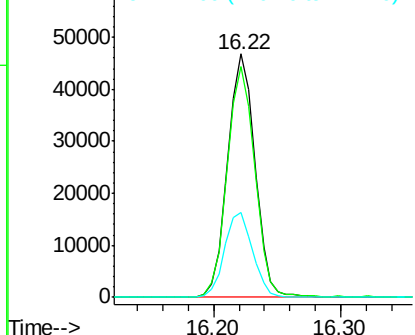
#41
 2,4,6-Tribromophenol
 Concen: 73.31 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020033.D
 Acq: 9 Dec 2015 8:07

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

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

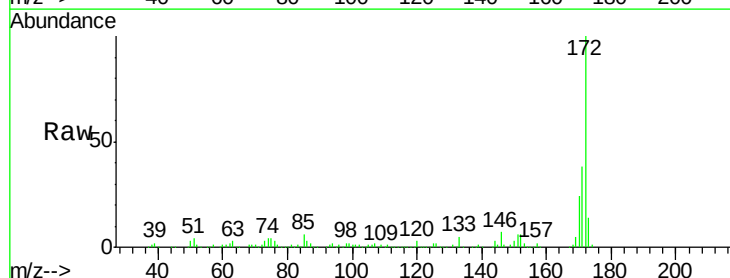


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

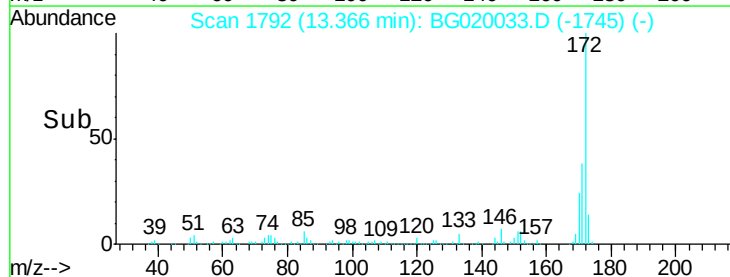
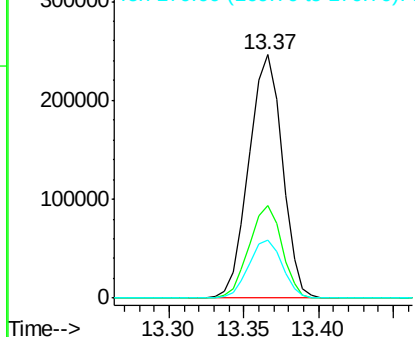


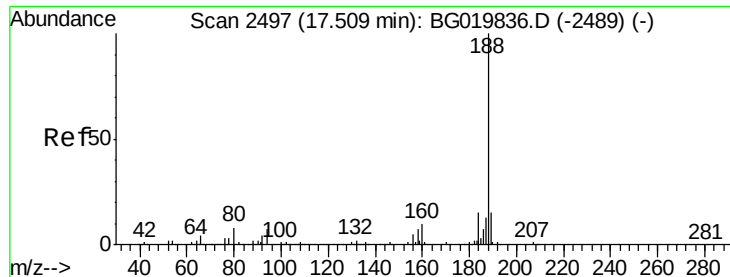
#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020033.D
 Acq: 9 Dec 2015 8:07

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



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

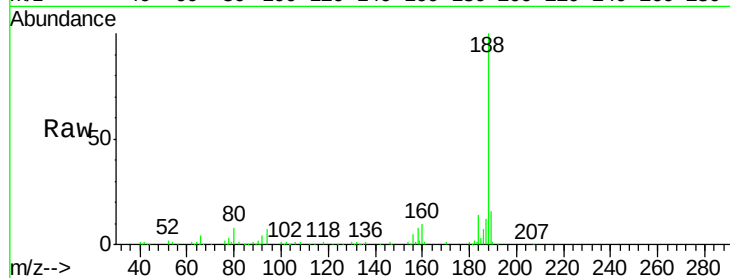




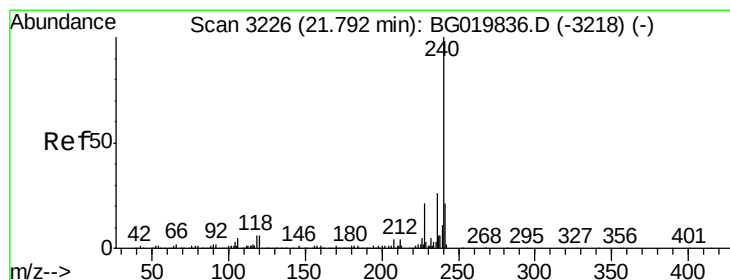
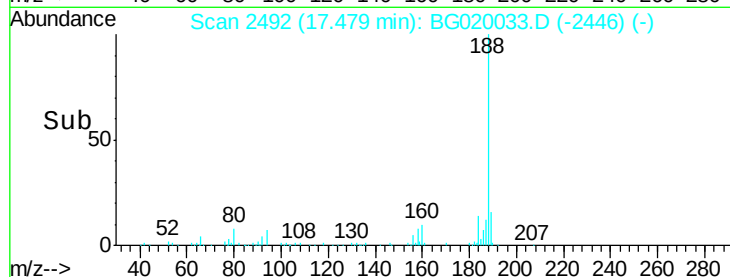
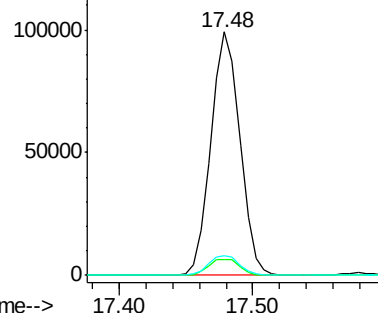
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

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

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

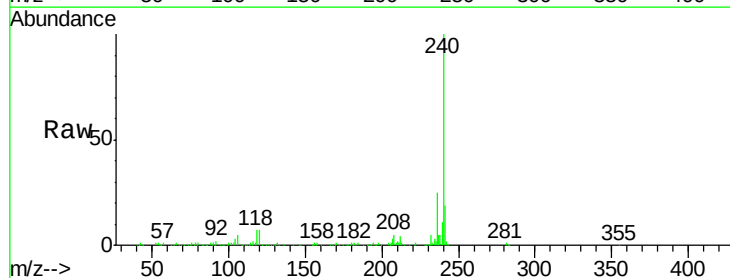


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

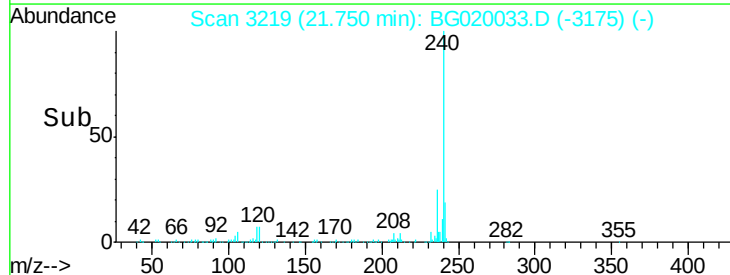
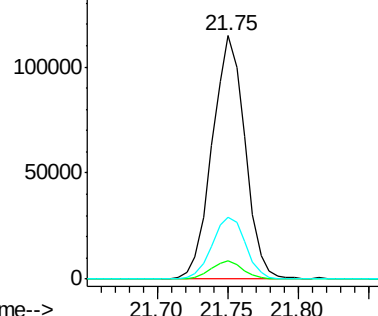


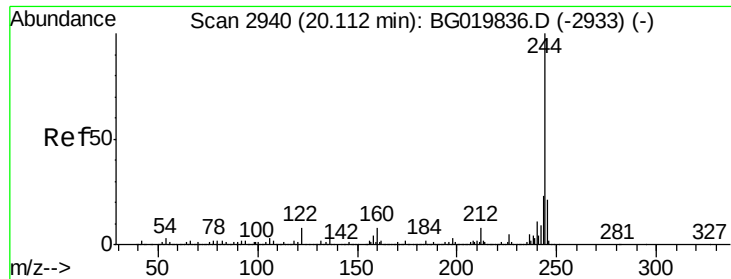
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020033.D
Acq: 9 Dec 2015 8:07

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

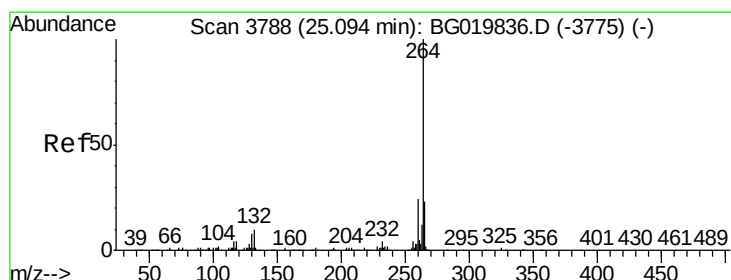
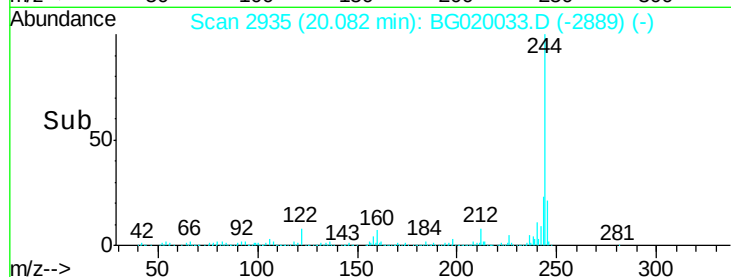
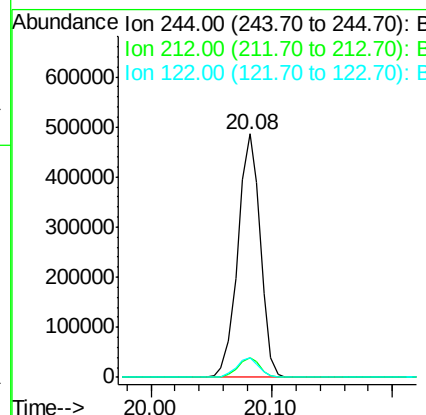
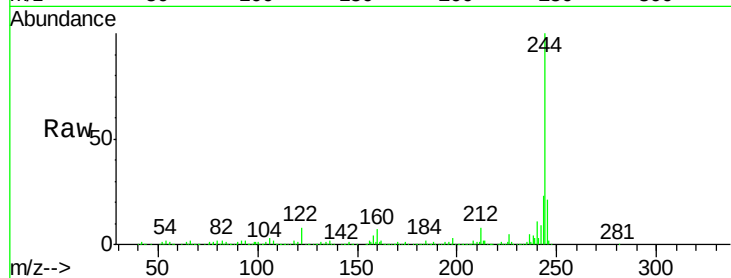
Instrument :

BNA_G

ClientSampleId :

120315-A263-F-U-S

Tgt Ion:	244	Resp:	628239
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	7.9	10.2	15.2#



#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

