

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020034.D
 Acq On : 9 Dec 2015 8:45
 Operator : UM/SJ
 Sample : G4677-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-B

Quant Time: Dec 09 14:24:15 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	18802	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	81693	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56716	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	137407	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	168797	20.00	ng	-0.04
86) Perylene-d12	25.03	264	158850	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	37682	36.22	ng	-0.01
7) Phenol-d6	7.26	99	36323	23.13	ng	-0.02
23) Nitrobenzene-d5	9.28	82	149884	93.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	62254	71.74	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	376954	90.75	ng	-0.02
78) Terphenyl-d14	20.08	244	567695	82.03	ng	-0.03

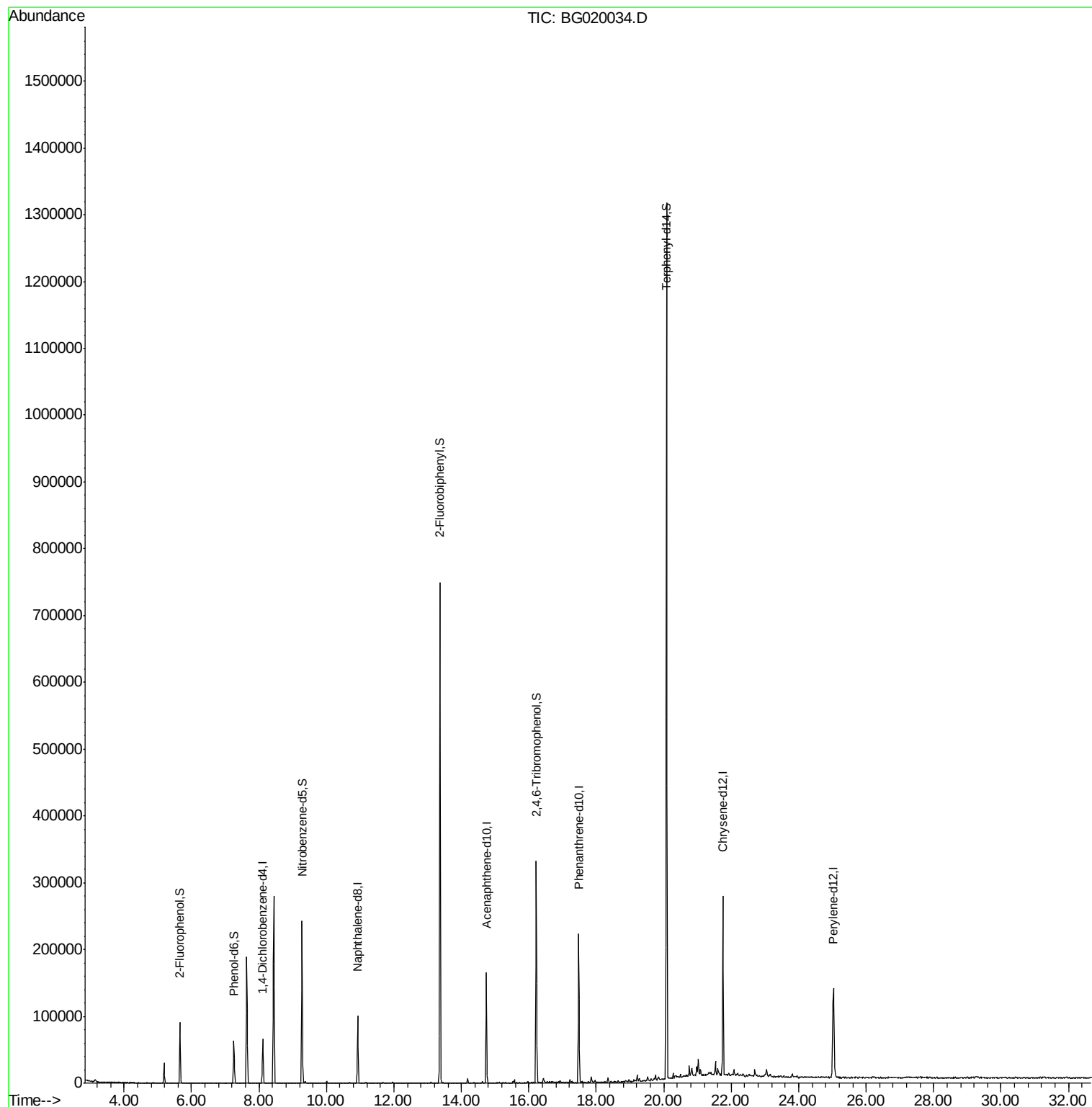
Target Compounds	Qvalue
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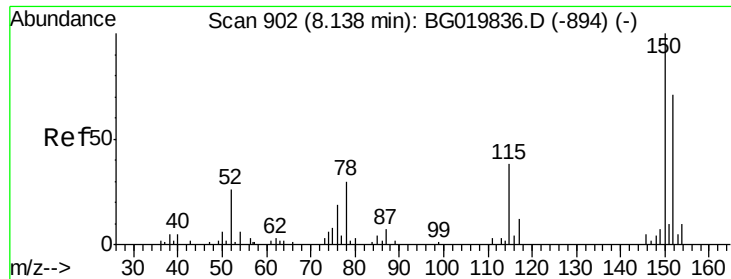
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020034.D

Acq: 9 Dec 2015 8:45

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-D-B

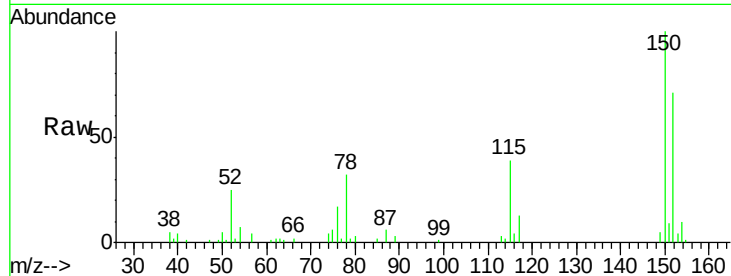
Tgt Ion:152 Resp: 18802

Ion Ratio Lower Upper

152 100

150 140.5 115.0 172.4

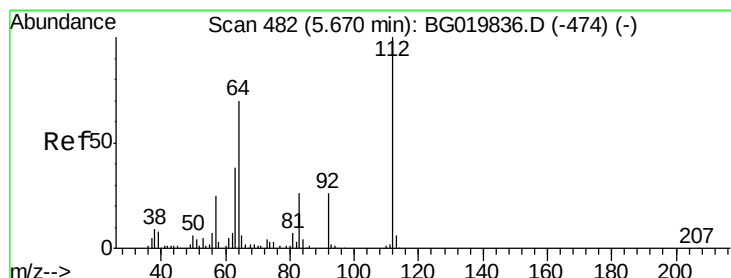
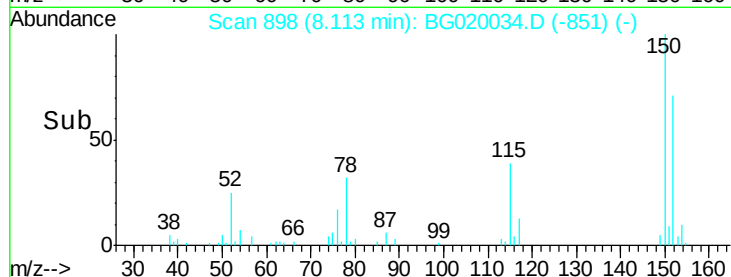
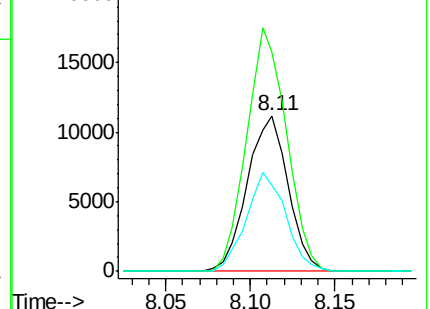
115 55.4 43.9 65.9



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: 36.22 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020034.D

Acq: 9 Dec 2015 8:45

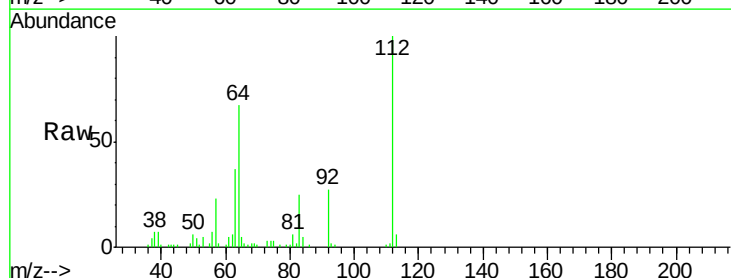
Tgt Ion:112 Resp: 37682

Ion Ratio Lower Upper

112 100

64 67.2 43.7 65.5#

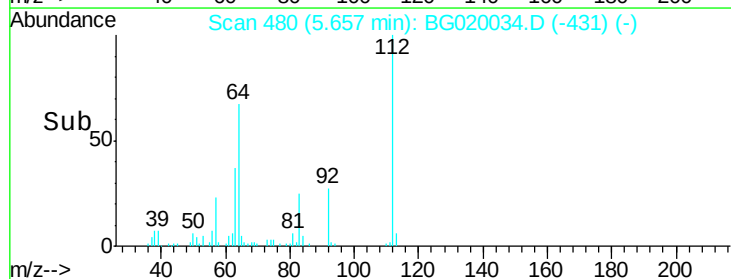
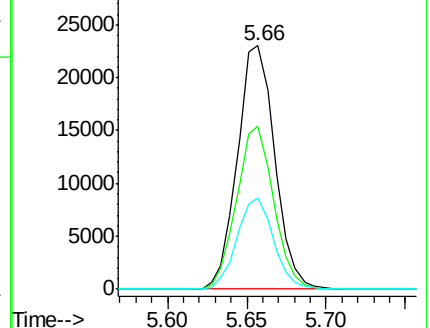
63 37.5 24.0 36.0#

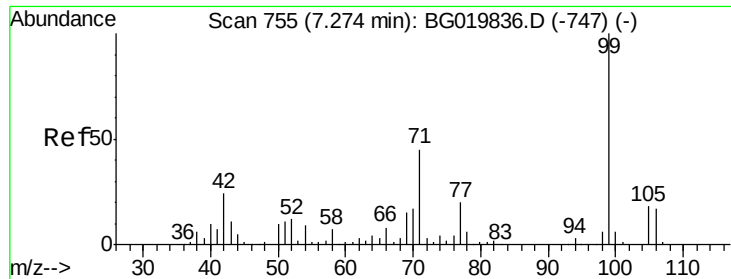


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 23.13 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020034.D

Acq: 9 Dec 2015 8:45

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-D-B

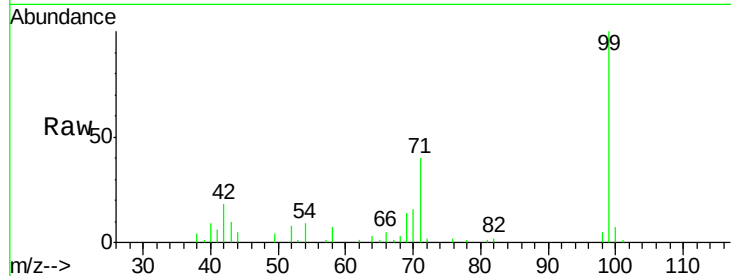
Tgt Ion: 99 Resp: 36323

Ion Ratio Lower Upper

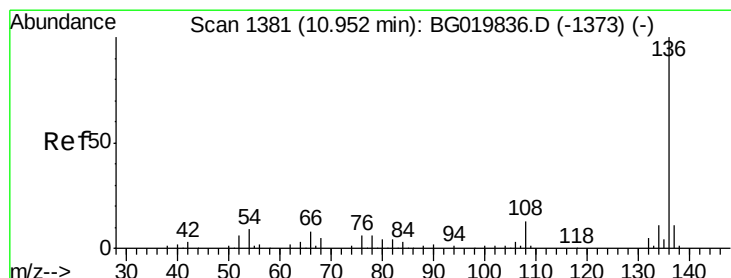
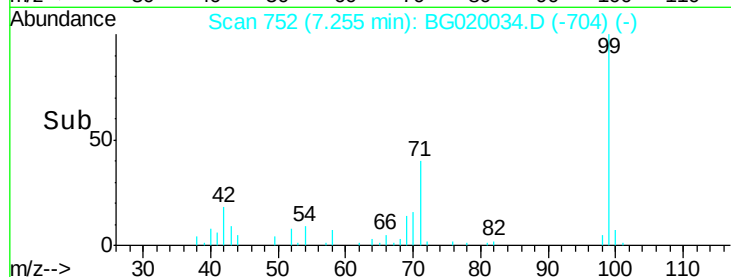
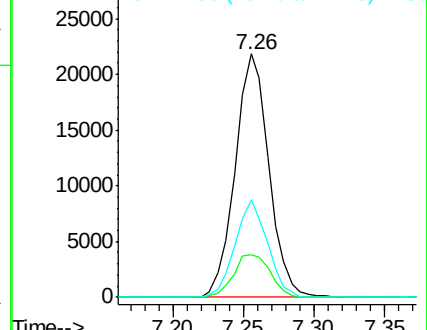
99 100

42 17.8 11.5 17.3#

71 39.9 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: BG020034.D

Acq: 9 Dec 2015 8:45

Tgt Ion: 136 Resp: 81693

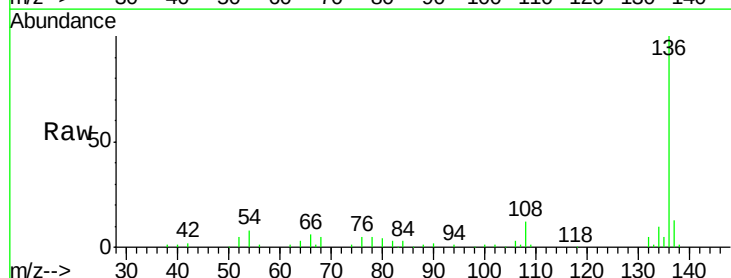
Ion Ratio Lower Upper

136 100

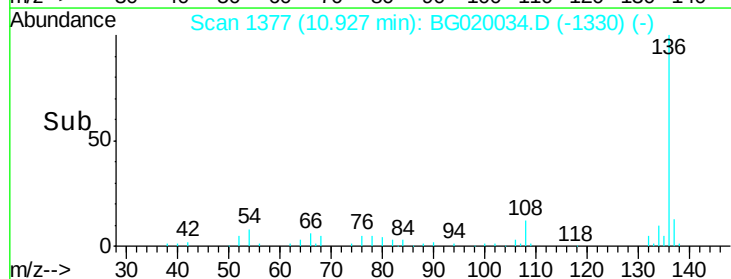
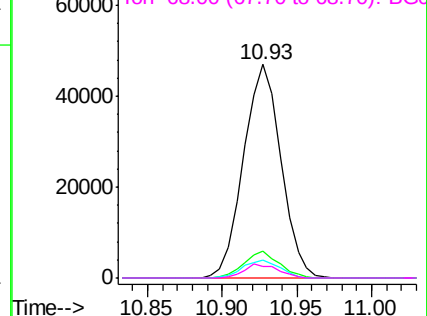
137 12.5 8.6 12.8

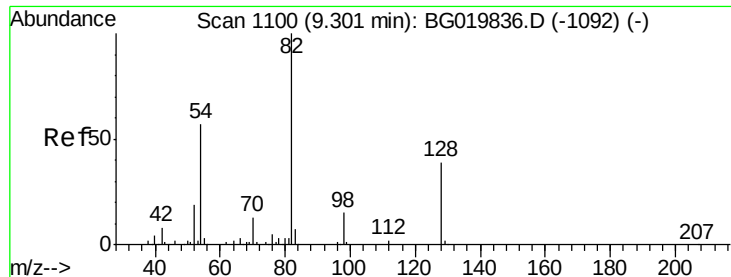
54 8.5 5.4 8.2#

68 5.4 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

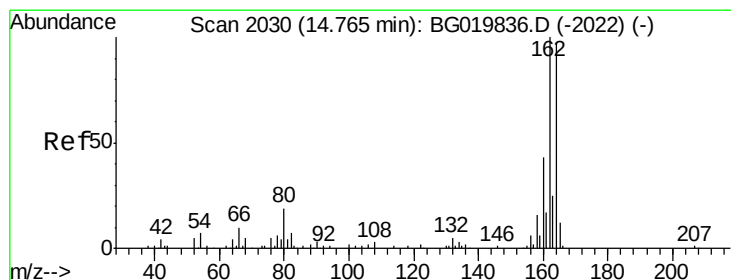
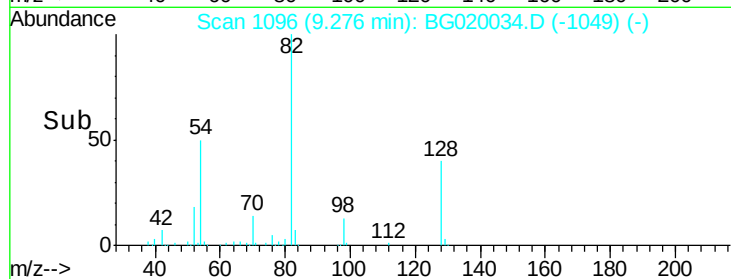
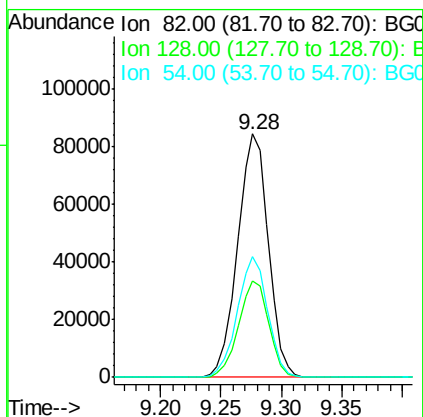
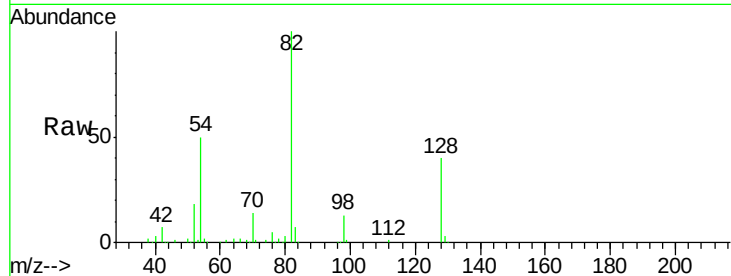




#23
 Nitrobenzene-d5
 Concen: 93.64 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020034.D
 Acq: 9 Dec 2015 8:45

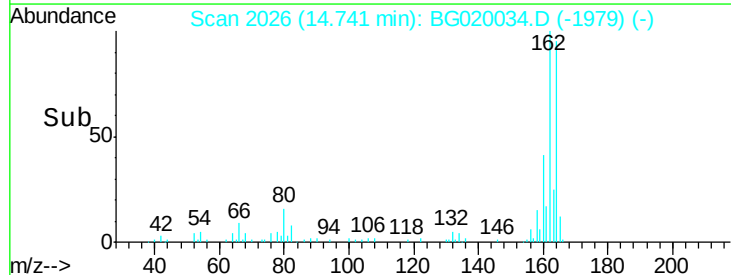
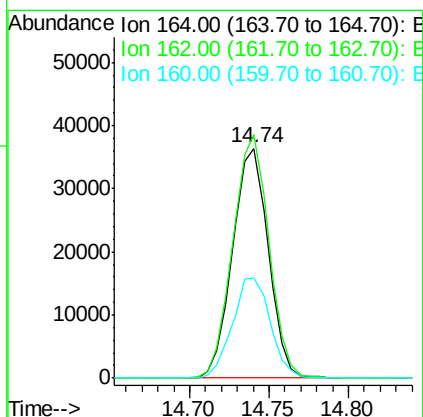
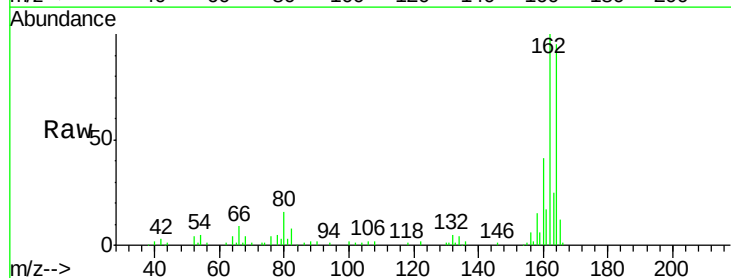
Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-B

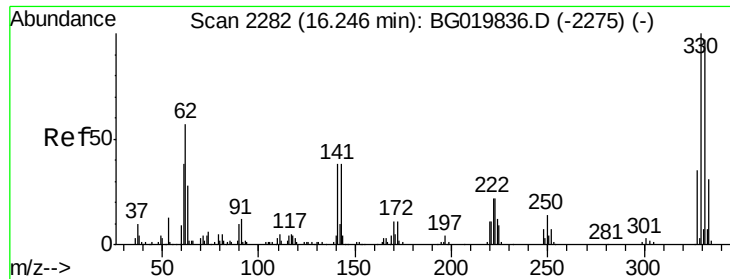
Tgt Ion: 82 Resp: 149884
 Ion Ratio Lower Upper
 82 100
 128 39.8 36.7 55.1
 54 49.7 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020034.D
 Acq: 9 Dec 2015 8:45

Tgt Ion: 164 Resp: 56716
 Ion Ratio Lower Upper
 164 100
 162 105.8 78.8 118.2
 160 43.7 36.4 54.6

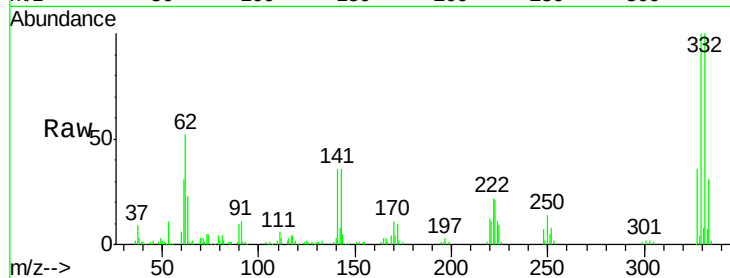




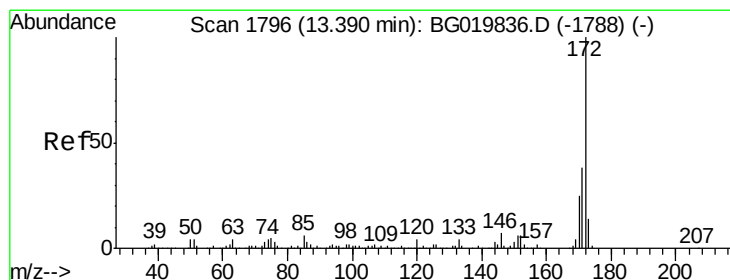
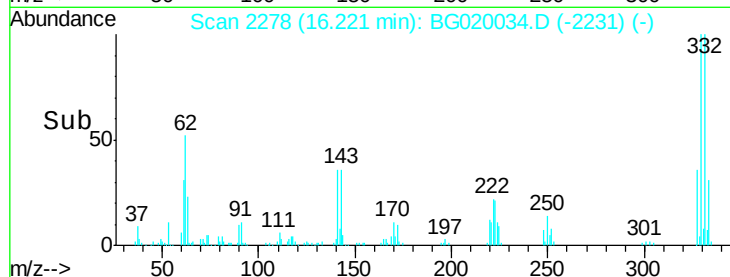
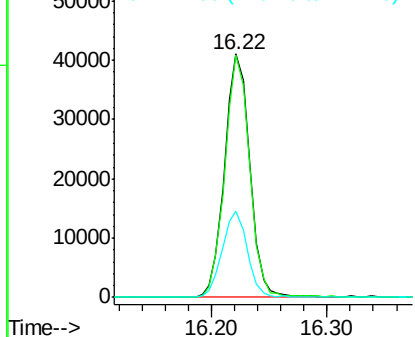
#41
 2,4,6-Tribromophenol
 Concen: 71.74 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020034.D
 Acq: 9 Dec 2015 8:45

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-B

Tgt Ion:330 Resp: 62254
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.1 117.1
 141 35.3 28.2 42.2

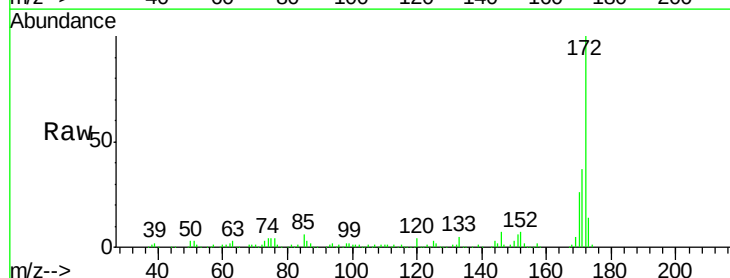


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

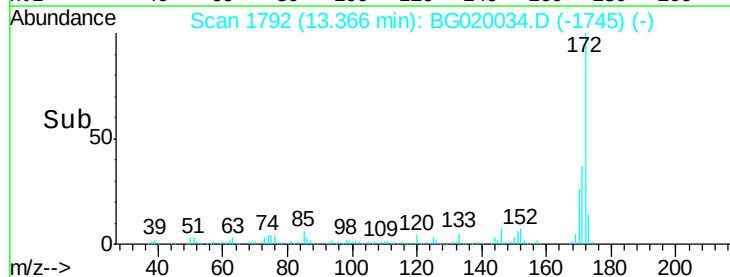
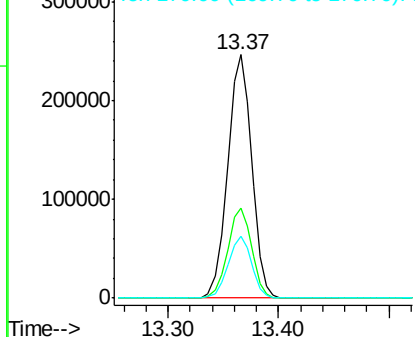


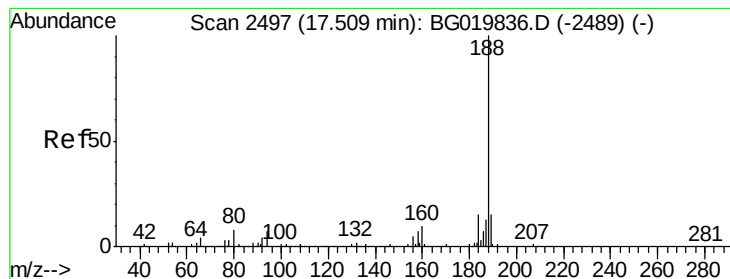
#44
 2-Fluorobiphenyl
 Concen: 90.75 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020034.D
 Acq: 9 Dec 2015 8:45

Tgt Ion:172 Resp: 376954
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.5 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: BG020034.D

Acq: 9 Dec 2015 8:45

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-D-B

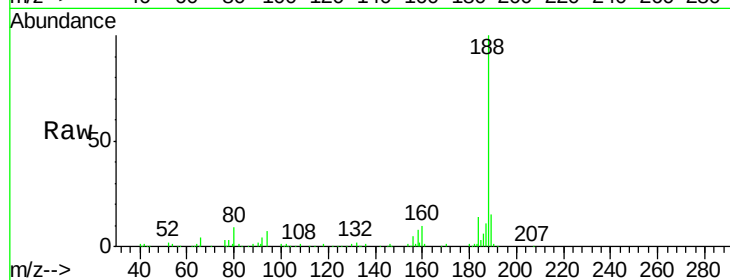
Tgt Ion:188 Resp: 137407

Ion Ratio Lower Upper

188 100

94 6.7 7.7 11.5#

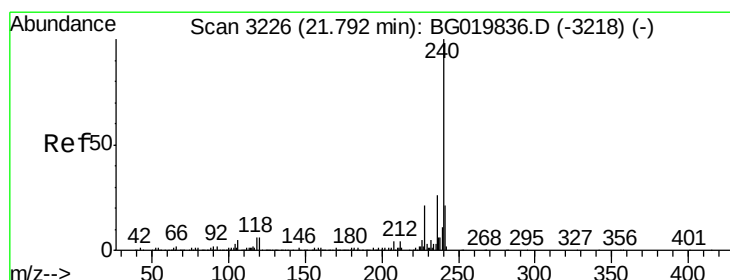
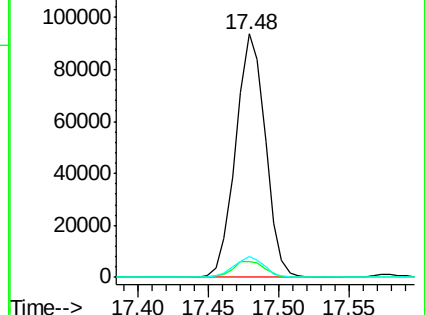
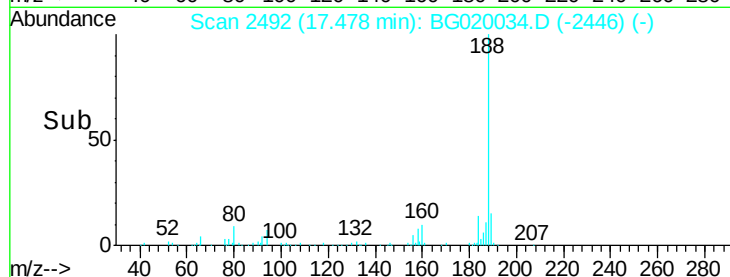
80 8.7 7.8 11.8



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: BG020034.D

Acq: 9 Dec 2015 8:45

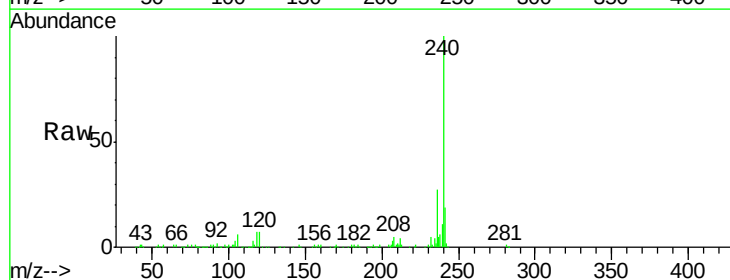
Tgt Ion:240 Resp: 168797

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

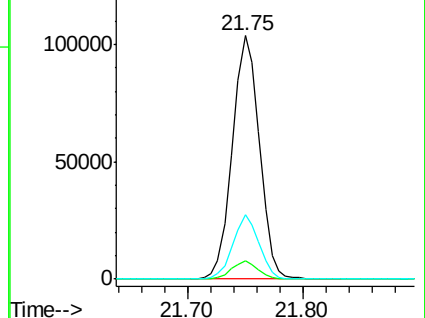
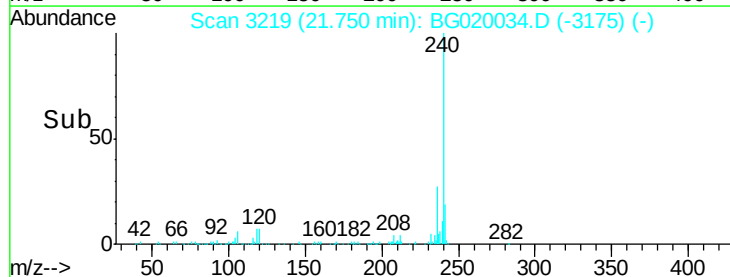
236 26.6 20.7 31.1

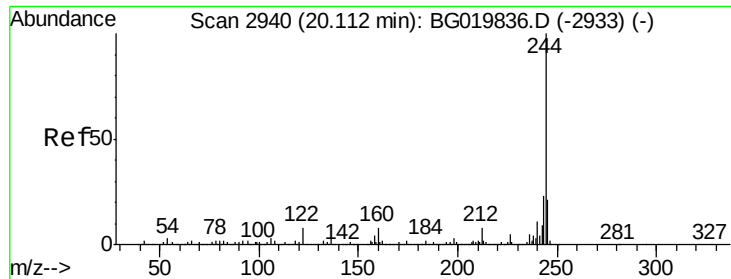


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.03 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020034.D

Acq: 9 Dec 2015 8:45

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120315-A263-F-D-B

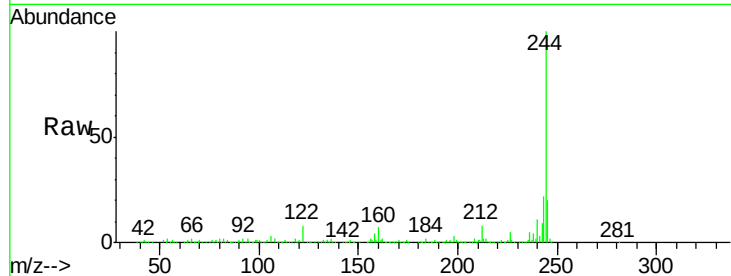
Tgt Ion:244 Resp: 567695

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

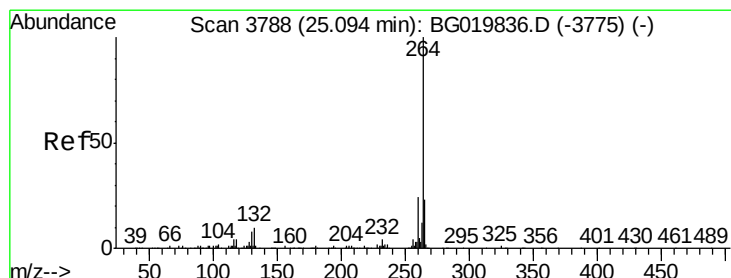
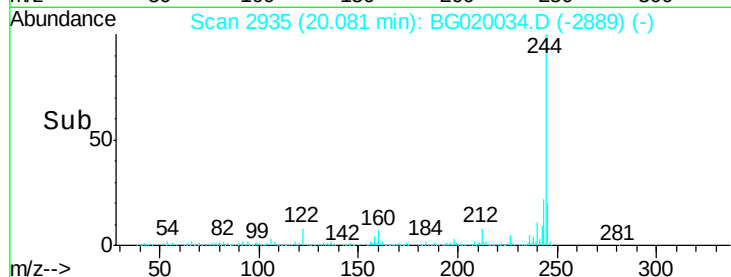
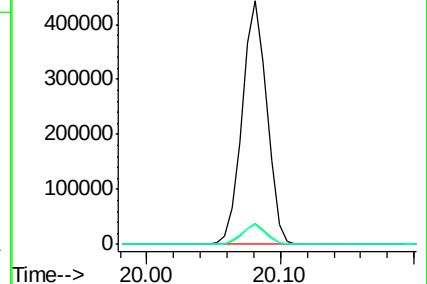
122 8.2 10.2 15.2#



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: BG020034.D

Acq: 9 Dec 2015 8:45

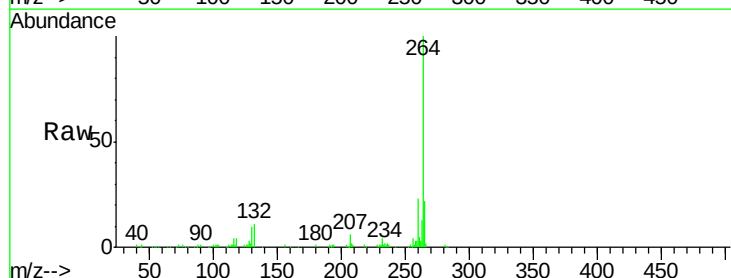
Tgt Ion:264 Resp: 158850

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.7 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

