

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020060.D
 Acq On : 10 Dec 2015 1:46
 Operator : UM/SJ
 Sample : G4659-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

Quant Time: Dec 10 04:06:50 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

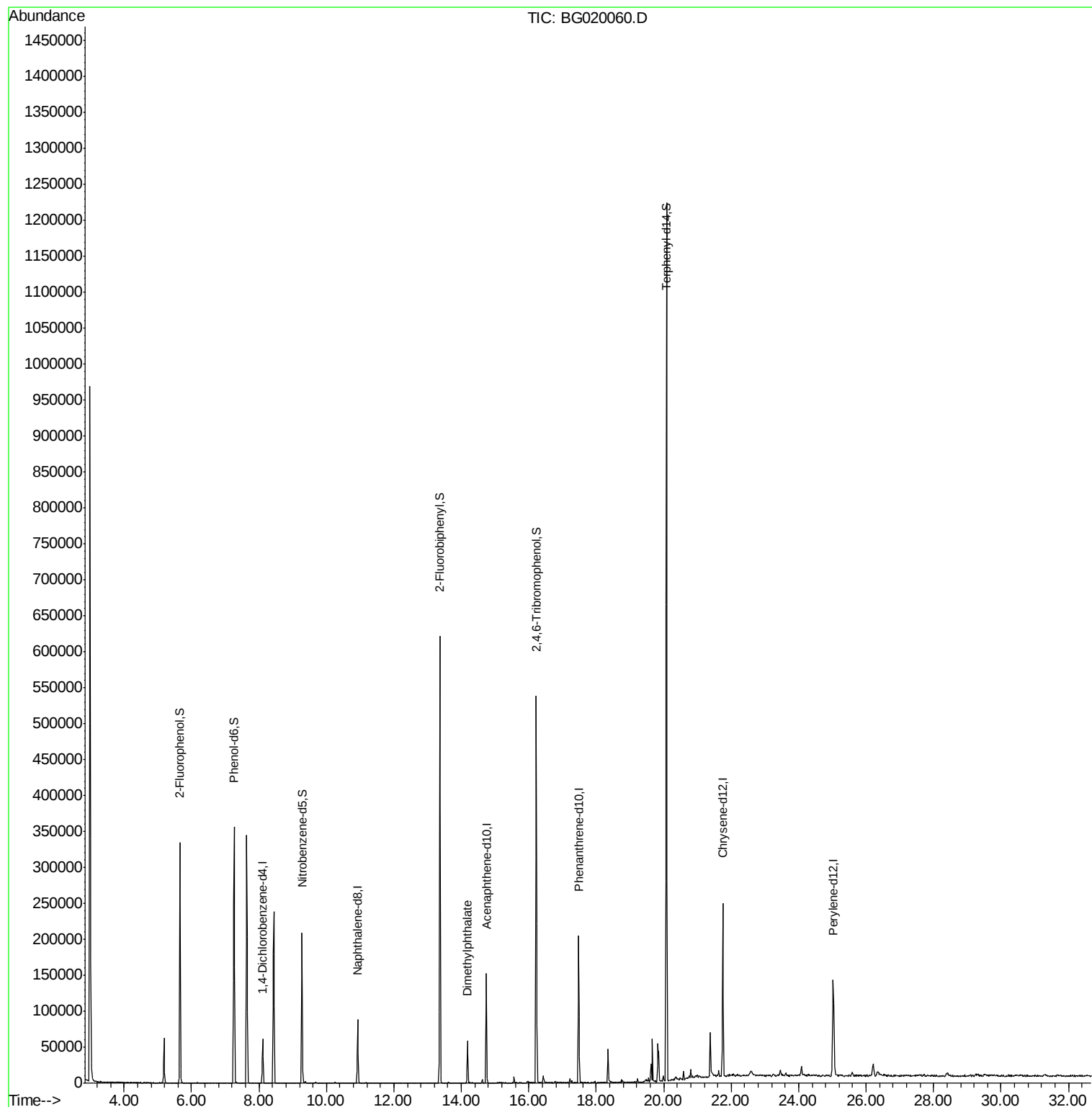
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16502	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	75009	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53341	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	127698	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	157753	20.00	ng	-0.04
86) Perylene-d12	25.02	264	148495	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	137230	150.30	ng	-0.01
7) Phenol-d6	7.26	99	205466	149.04	ng	-0.01
23) Nitrobenzene-d5	9.28	82	130842	89.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	102006	124.98	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	324528	83.07	ng	-0.03
78) Terphenyl-d14	20.08	244	538620	83.28	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.18	163	39098	8.15	ng	Qvalue # 97

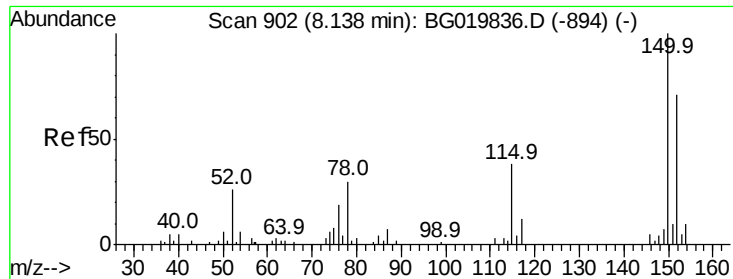
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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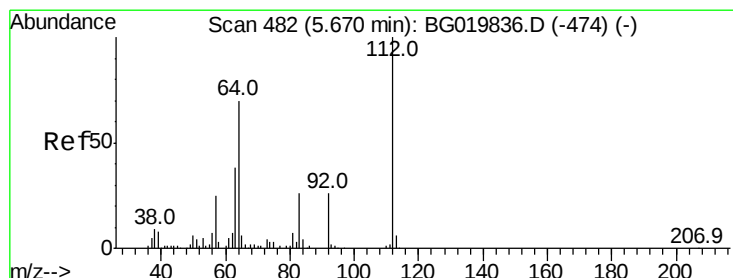
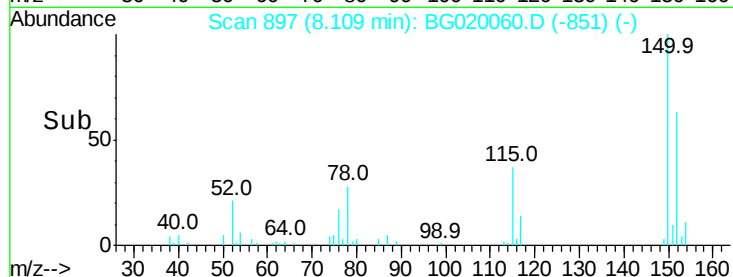
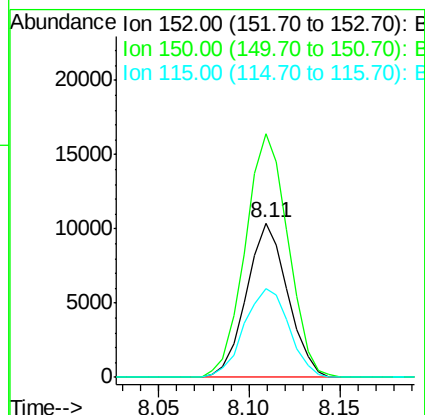
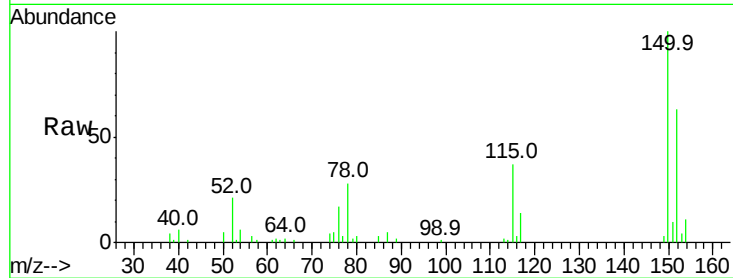


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020060.D
Acq: 10 Dec 2015 1:46

Instrument :
BNA_G
ClientSampled :
A8-4C

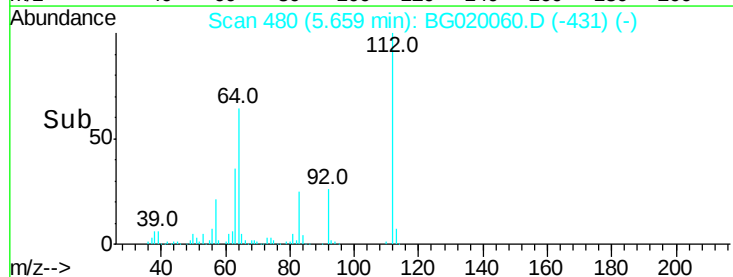
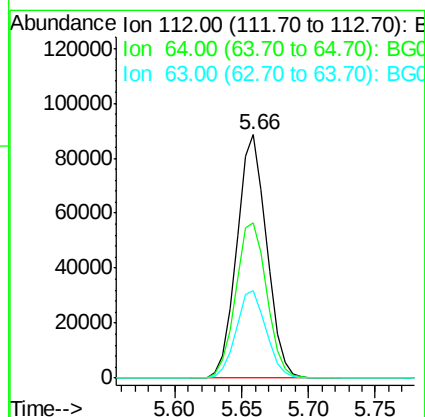
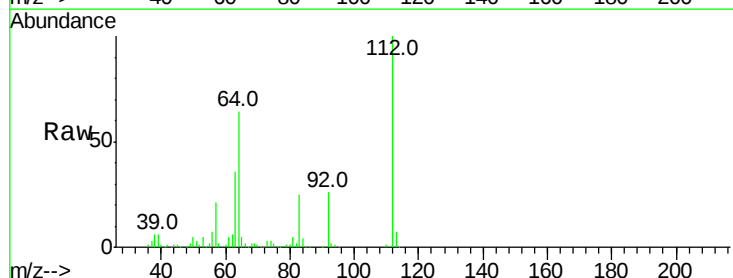
Tot Ion:152 Resp: 16502
Ion Ratio Lower Upper
152 100
150 157.9 115.0 172.4
115 57.8 43.9 65.9



#5

2-Fluorophenol
Concen: 150.30 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020060.D
Acq: 10 Dec 2015 1:46

Tgt Ion:112 Resp: 137230
Ion Ratio Lower Upper
112 100
64 63.6 43.7 65.5
63 36.0 24.0 36.0





#7

Phenol-d6

Concen: 149.04 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020060.D

Acq: 10 Dec 2015 1:46

Instrument :

BNA_G

ClientSampleId :

A8-4C

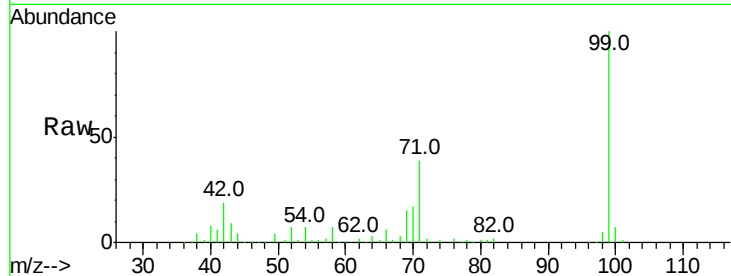
Tot Ion: 99 Resp: 205466

Ion Ratio Lower Upper

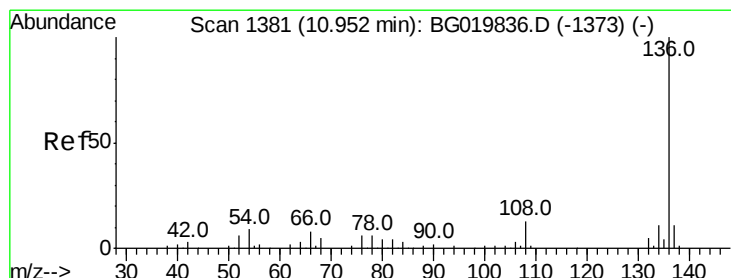
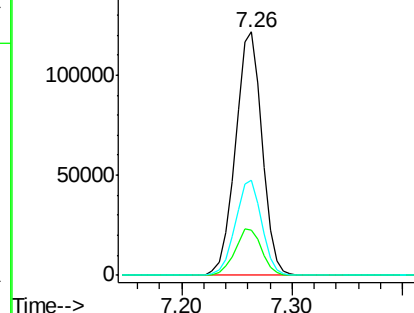
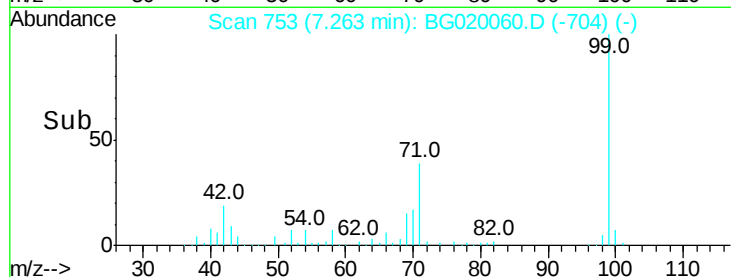
99 100

42 18.8 11.5 17.3#

71 38.9 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: BG020060.D

Acq: 10 Dec 2015 1:46

Tgt Ion: 136 Resp: 75009

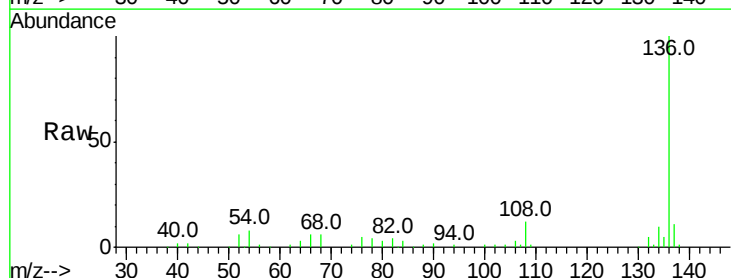
Ion Ratio Lower Upper

136 100

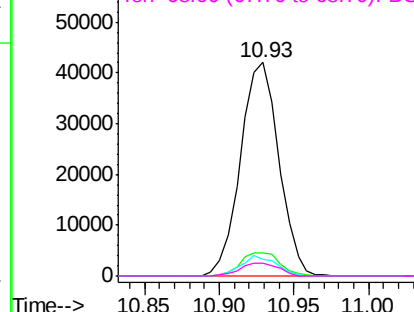
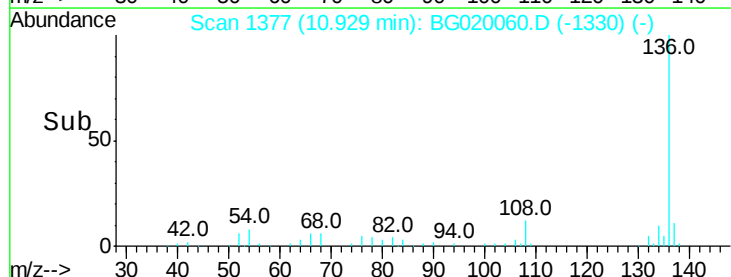
137 10.7 8.6 12.8

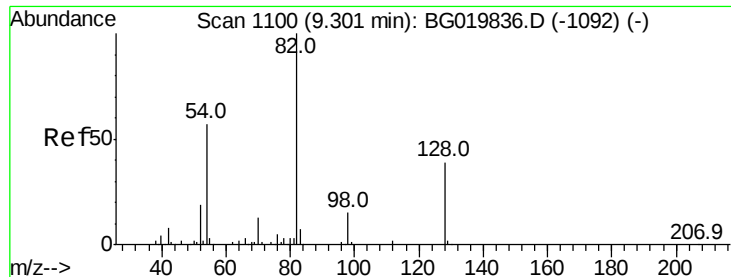
54 7.6 5.4 8.2

68 5.9 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

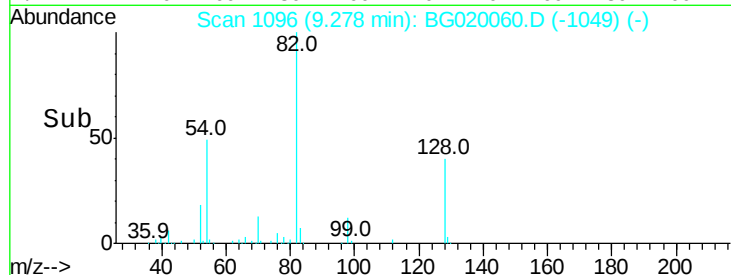
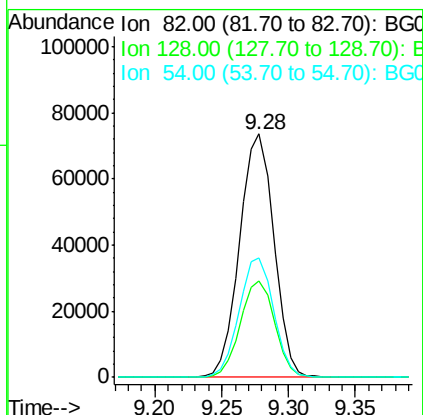
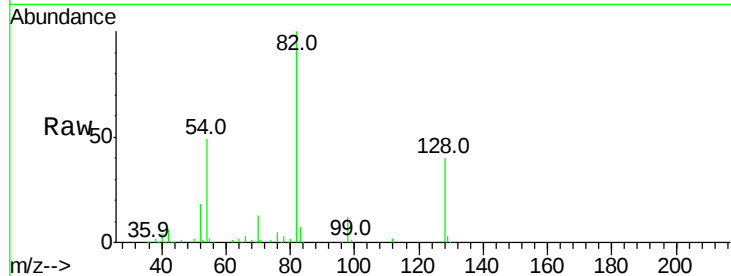




#23
Nitrobenzene-d5
Concen: 89.02 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020060.D
Acq: 10 Dec 2015 1:46

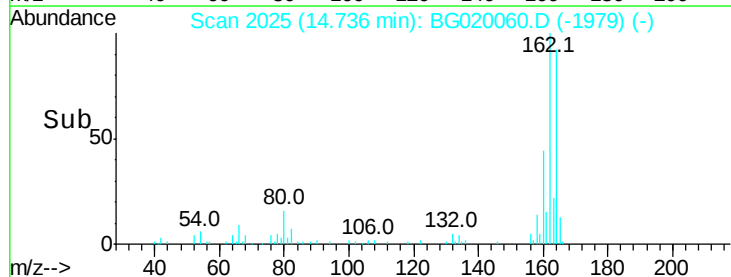
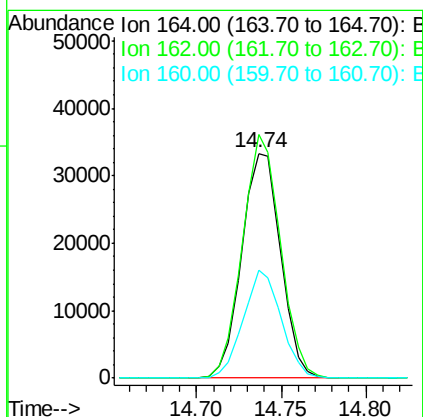
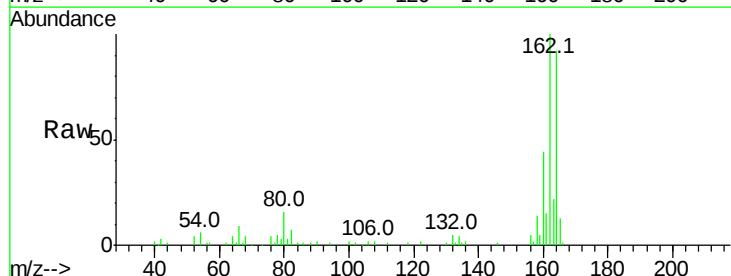
Instrument :
BNA_G
ClientSampleId :
A8-4C

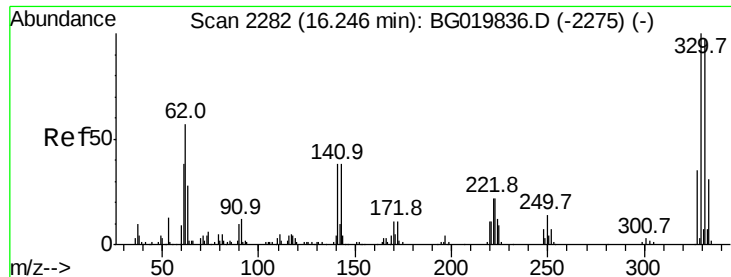
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.7	55.1
54	49.2	33.8	50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020060.D
Acq: 10 Dec 2015 1:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.8	118.2
160	47.9	36.4	54.6

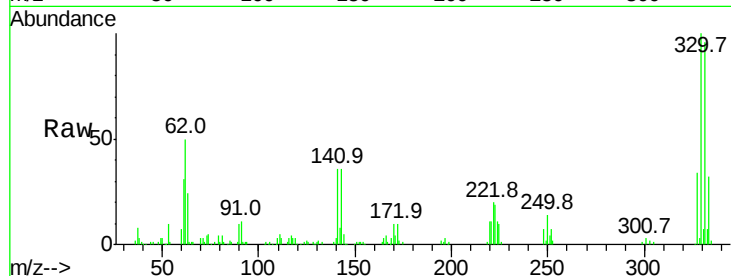




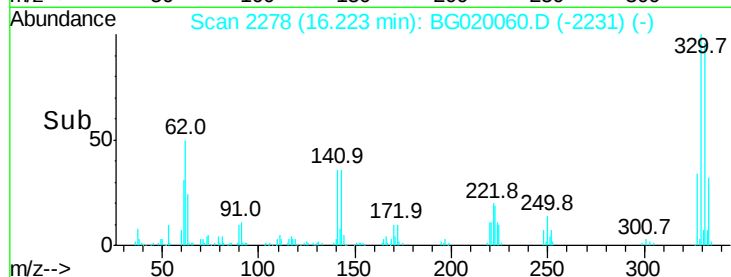
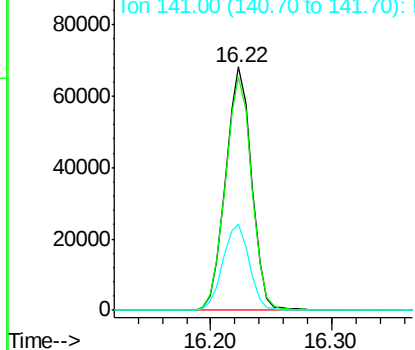
#41
 2,4,6-Tribromophenol
 Concen: 124.98 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020060.D
 Acq: 10 Dec 2015 1:46

Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	35.8	28.2	42.2

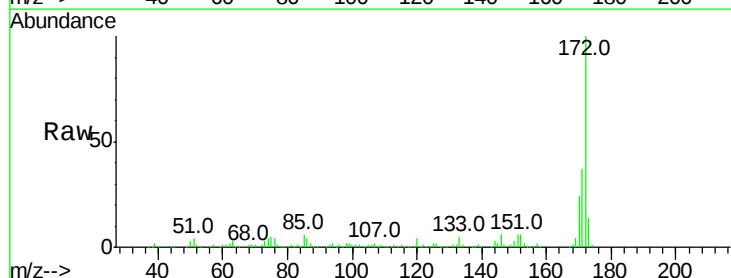


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

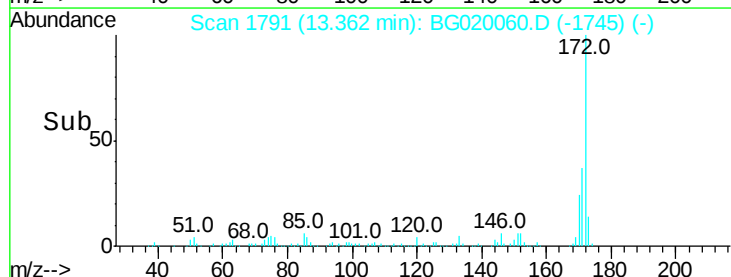
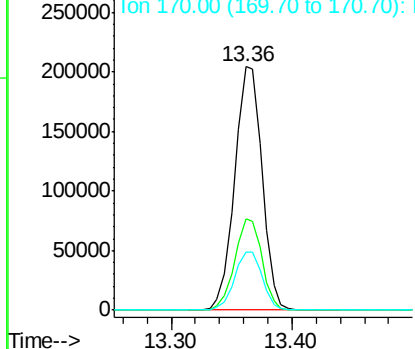


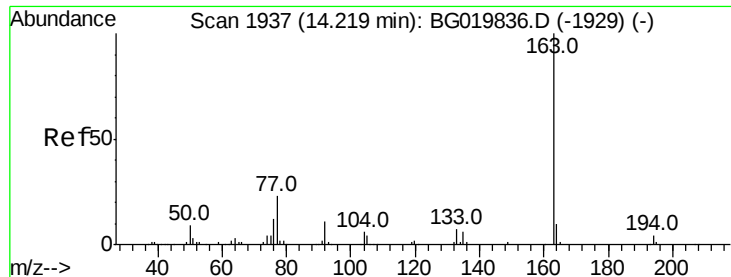
#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020060.D
 Acq: 10 Dec 2015 1:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	23.9	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





#49

Dimethylphthalate

Concen: 8.15 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG020060.D

Acq: 10 Dec 2015 1:46

Instrument :

BNA_G

ClientSampleId :

A8-4C

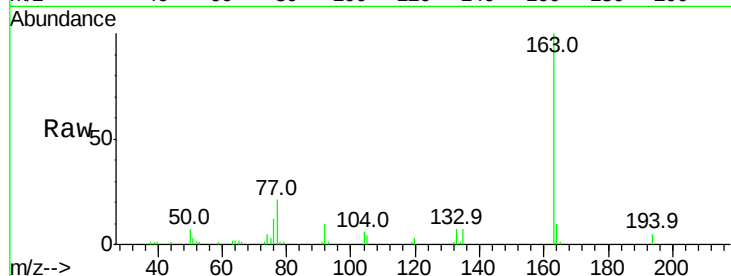
Tot Ion:163 Resp: 39098

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7#

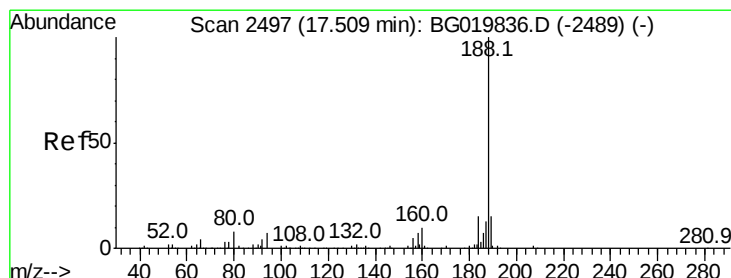
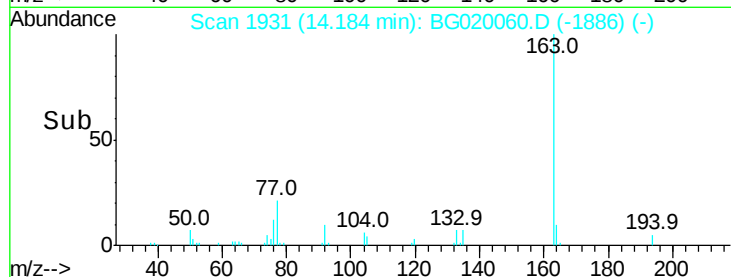
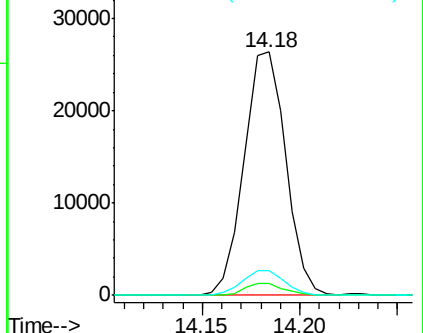
164 9.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020060.D

Acq: 10 Dec 2015 1:46

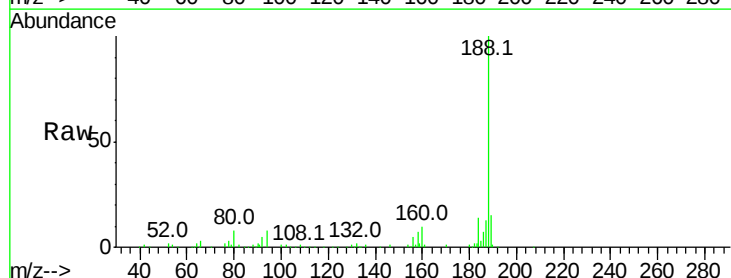
Tgt Ion:188 Resp: 127698

Ion Ratio Lower Upper

188 100

94 7.6 7.7 11.5#

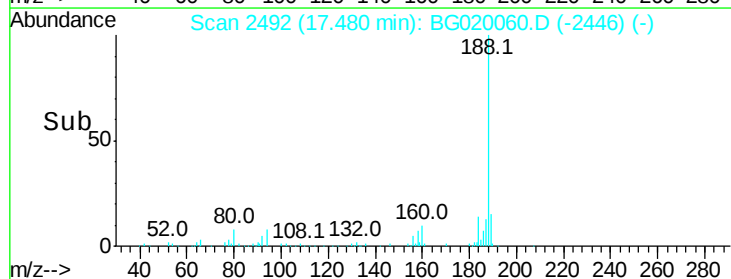
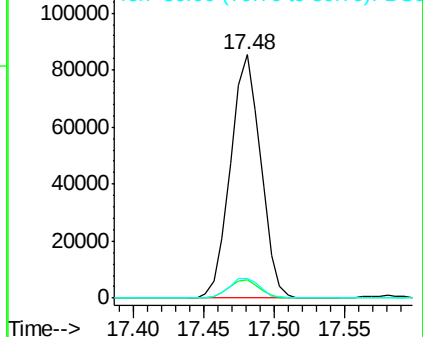
80 8.2 7.8 11.8

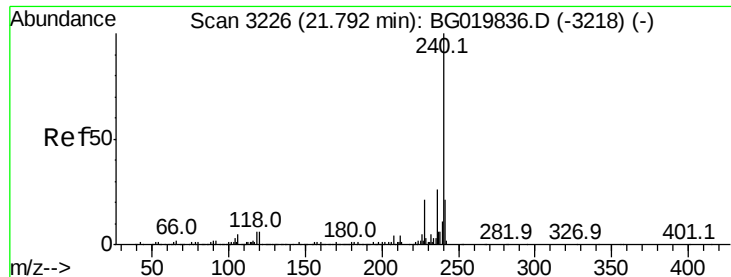


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG020060.D

Acq: 10 Dec 2015 1:46

Instrument :

BNA_G

ClientSampleId :

A8-4C

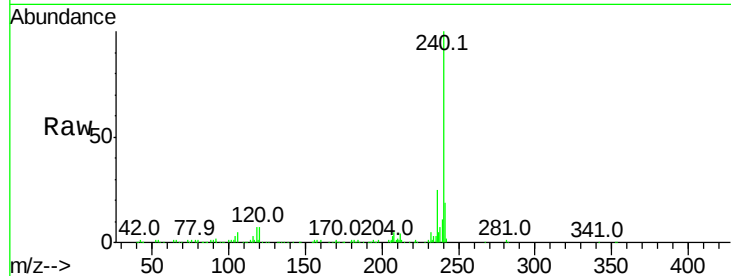
Tot Ion:240 Resp: 157753

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

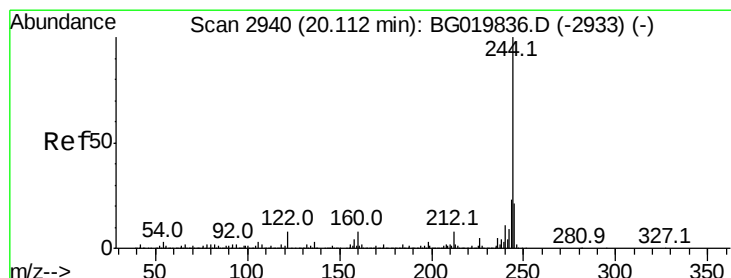
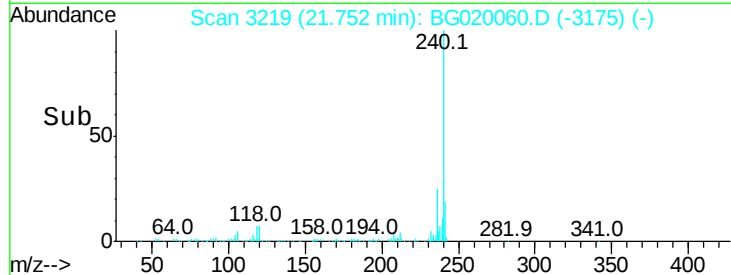
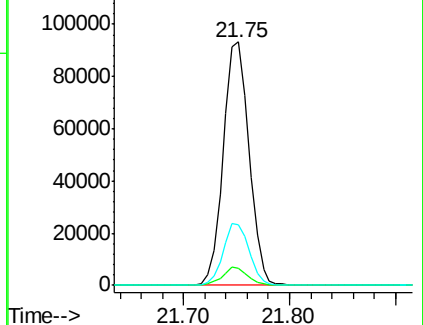
236 25.1 20.7 31.1



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: 83.28 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020060.D

Acq: 10 Dec 2015 1:46

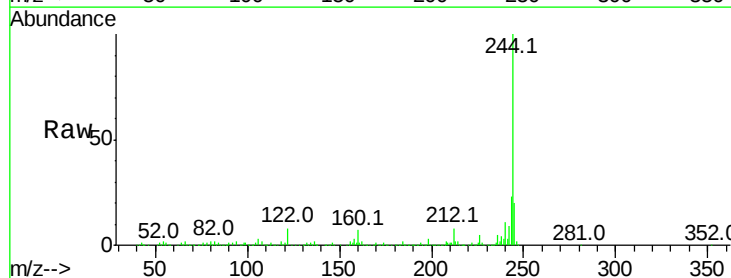
Tgt Ion:244 Resp: 538620

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

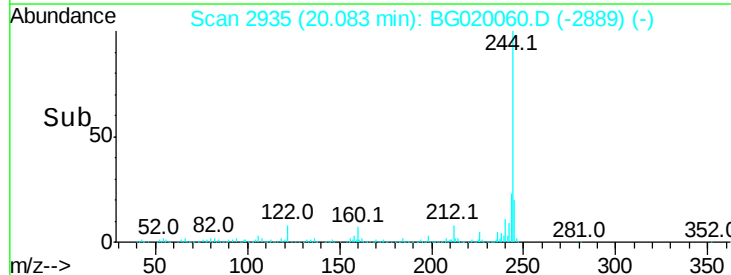
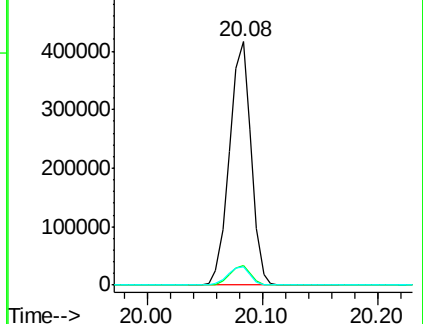
122 7.7 10.2 15.2#

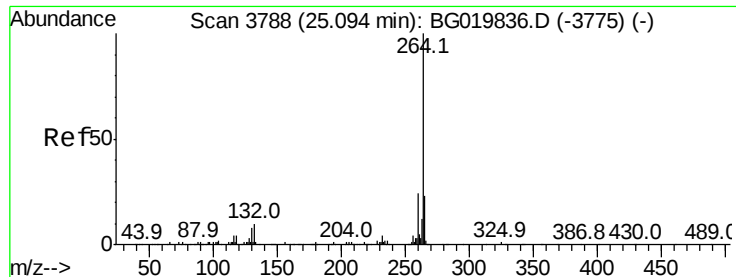


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

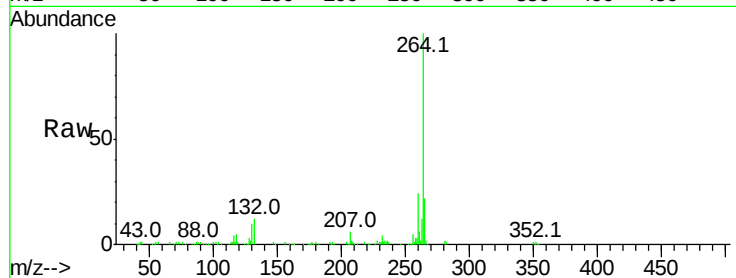




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.02 min Scan# 3776
 Delta R.T. -0.07 min
 Lab File: BG020060.D
 Acq: 10 Dec 2015 1:46

Instrument :
 BNA_G
 ClientSampleId :
 A8-4C

Tot Ion:	264	Resp:	148495
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.1	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

