

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031506.D
 Acq On : 13 Dec 2017 00:33
 Operator : SJ/JU
 Sample : I6772-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFE-WW

Quant Time: Dec 13 09:49:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

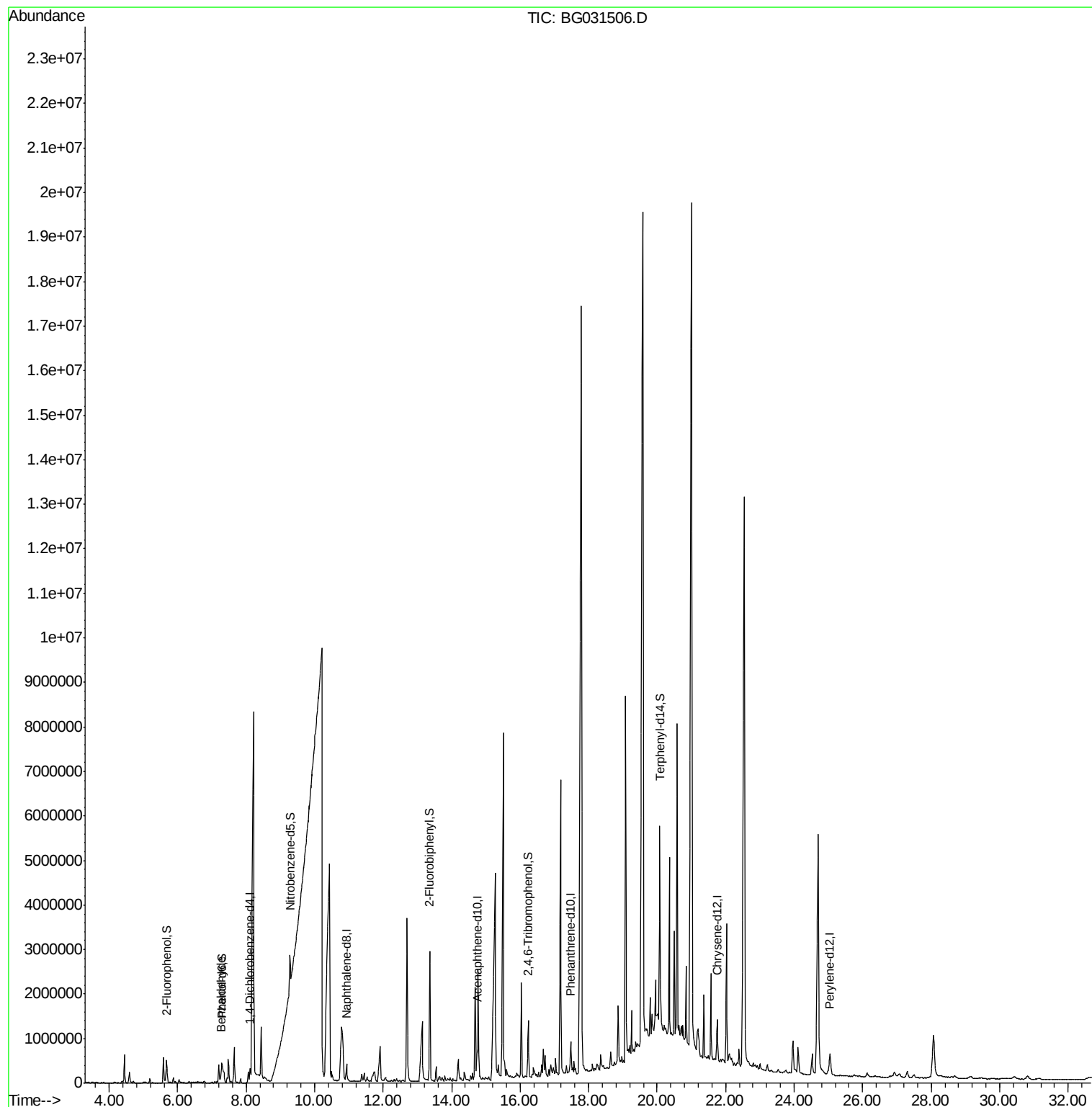
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	82356	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344155	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	204960	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	458802	20.00	ng	0.00
75) Chrysene-d12	21.76	240	519918	20.00	ng	0.00
86) Perylene-d12	25.05	264	528568	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	218887	47.11	ng	0.00
7) Phenol-d6	7.30	99	177826	27.57	ng	0.03
23) Nitrobenzene-d5	9.28	82	506709	90.75	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	250015	104.12	ng	0.01
44) 2-Fluorobiphenyl	13.36	172	1467562	105.10	ng	0.00
78) Terphenyl-d14	20.08	244	1843577	80.68	ng	0.00
Target Compounds						
9) Benzaldehyde	7.26	77	7786	2.083	ng	Qvalue 97

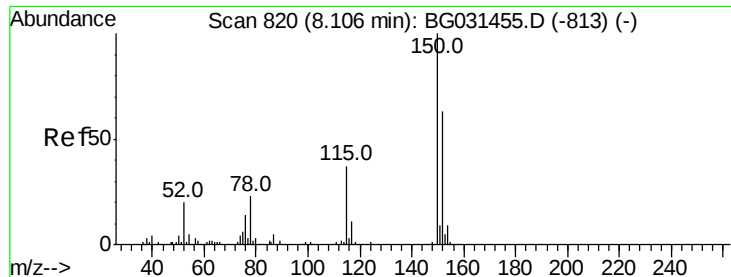
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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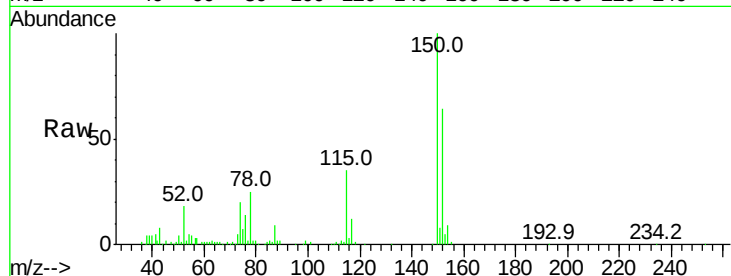


#1

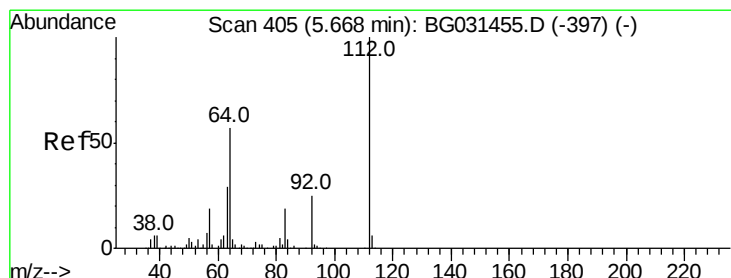
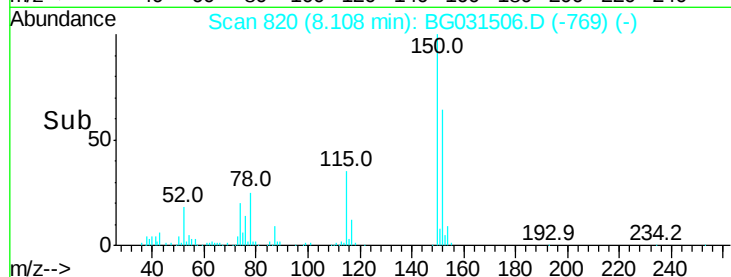
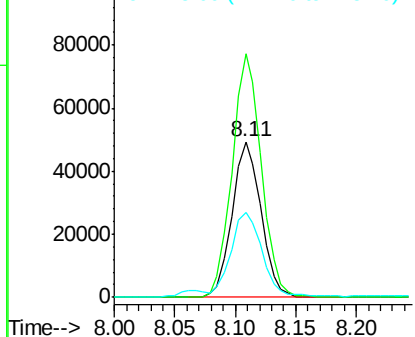
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031506.D
Acq: 13 Dec 2017 00:33

Instrument :
BNA_G
ClientSampleId :
EFE-WW

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	54.7	53.0	79.4



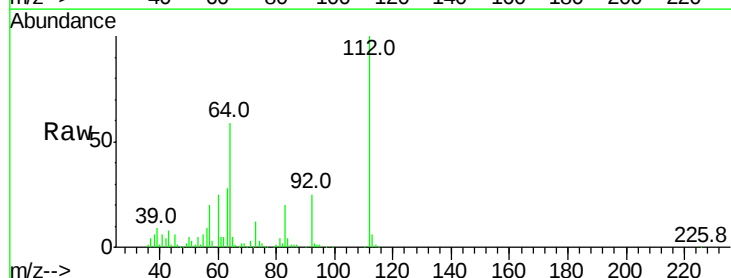
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



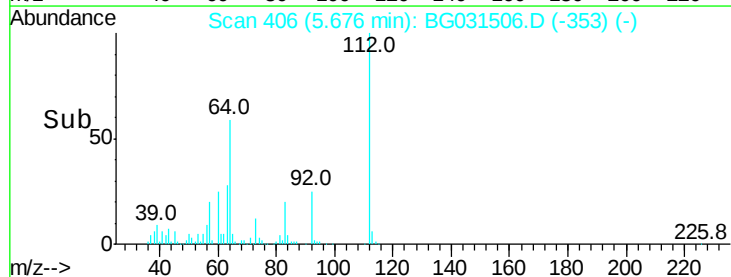
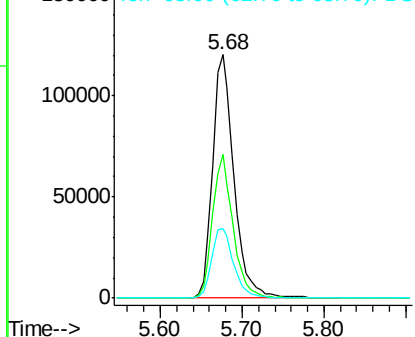
#5

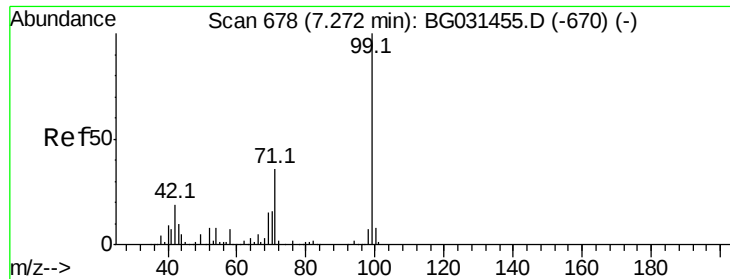
2-Fluorophenol
Concen: 47.110 ng
RT: 5.68 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031506.D
Acq: 13 Dec 2017 00:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	56.3	84.5
63	28.3	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.569 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.03 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

Instrument :

BNA_G

ClientSampleId :

EFE-WW

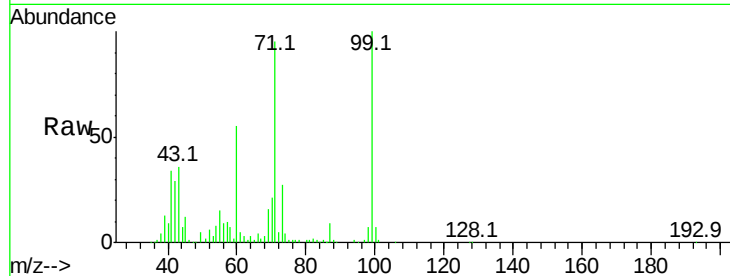
Tot Ion: 99 Resp: 177826

Ion Ratio Lower Upper

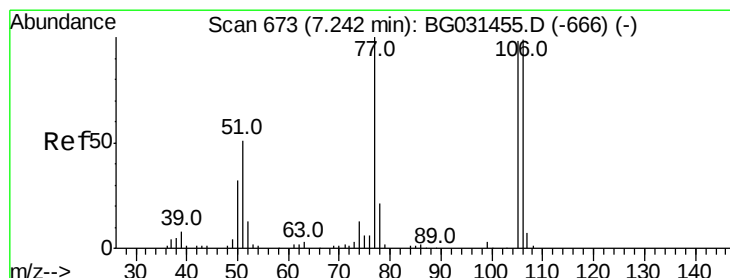
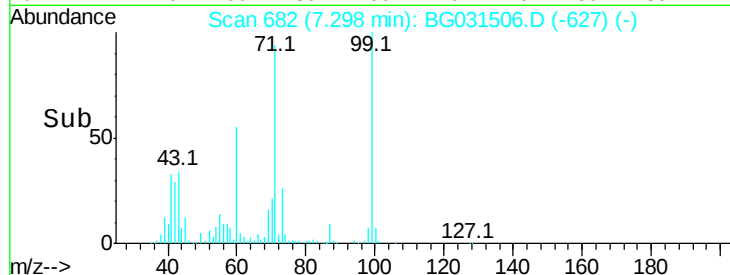
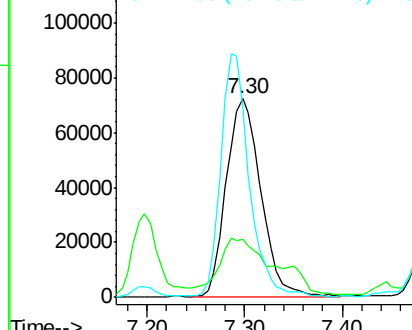
99 100

42 29.1 14.1 21.1#

71 94.8 26.1 39.1#



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



#9

Benzaldehyde

Concen: 2.083 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

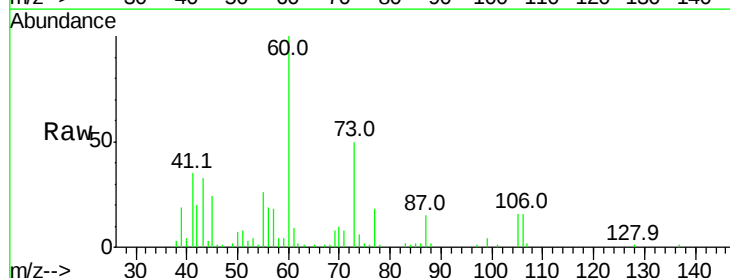
Tgt Ion: 77 Resp: 7786

Ion Ratio Lower Upper

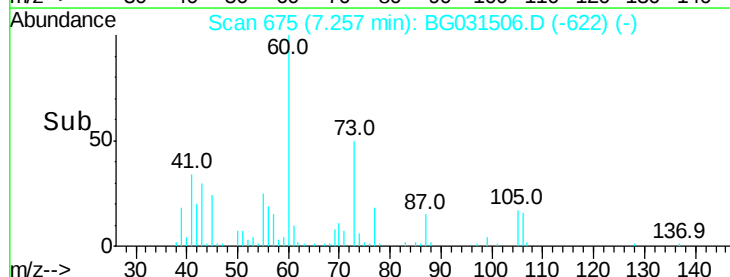
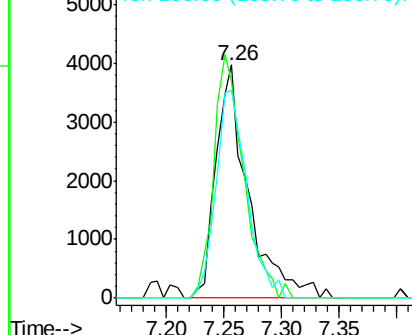
77 100

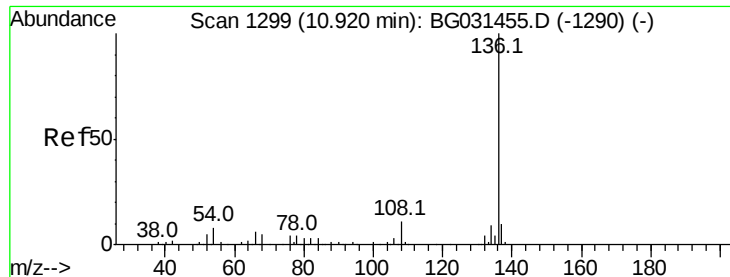
105 92.8 71.3 111.3

106 89.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

Instrument :

BNA_G

ClientSampleId :

EFE-WW

Tot Ion:136 Resp: 344155

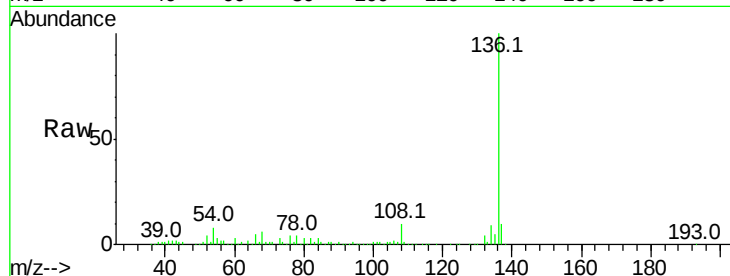
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 8.4 10.3 15.5#

68 5.5 4.5 6.7

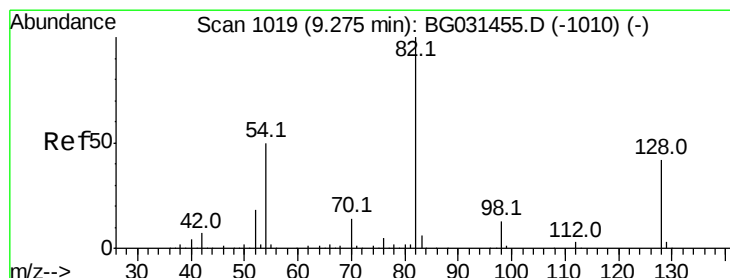
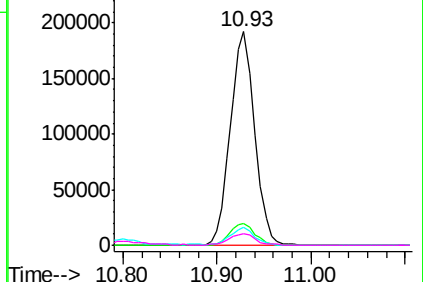
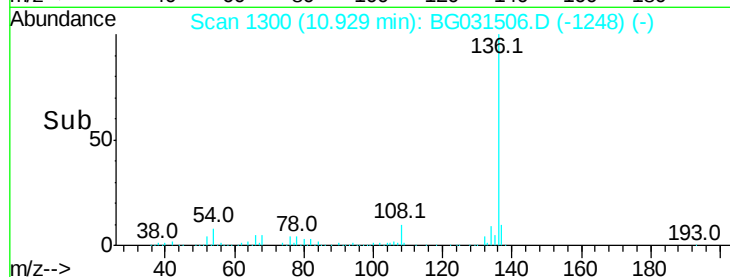


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 90.749 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

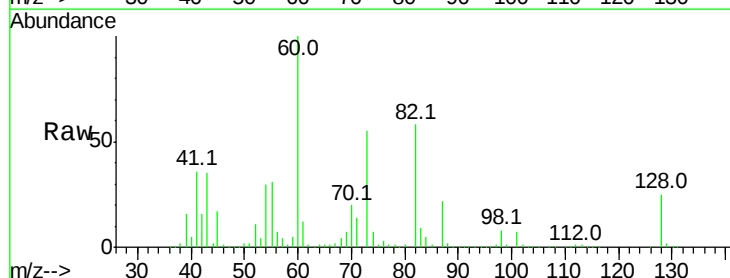
Tgt Ion: 82 Resp: 506709

Ion Ratio Lower Upper

82 100

128 42.8 29.7 44.5

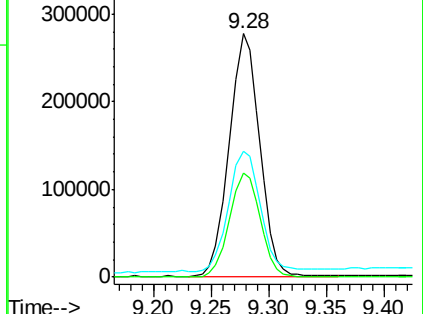
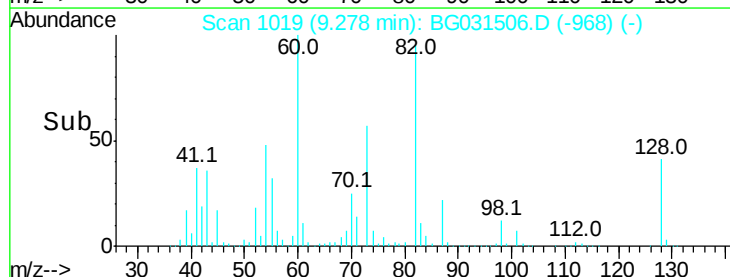
54 51.8 43.1 64.7

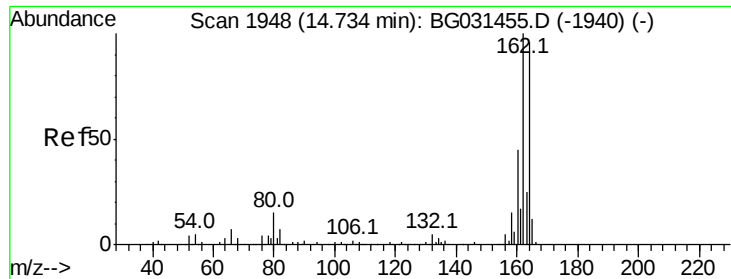


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

Instrument :

BNA_G

ClientSampleId :

EFE-WW

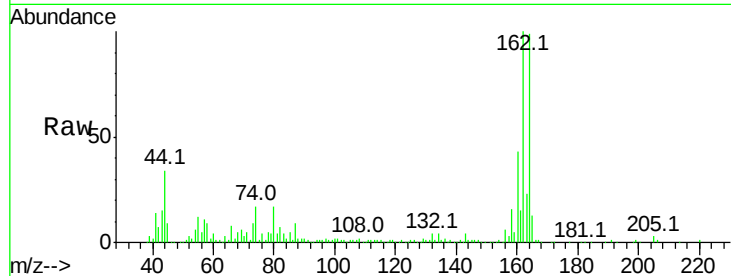
Tot Ion:164 Resp: 204960

Ion Ratio Lower Upper

164 100

162 100.7 78.8 118.2

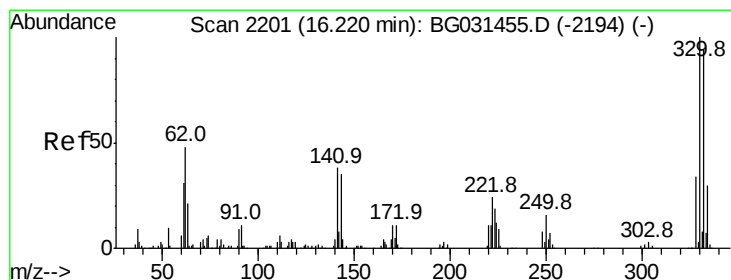
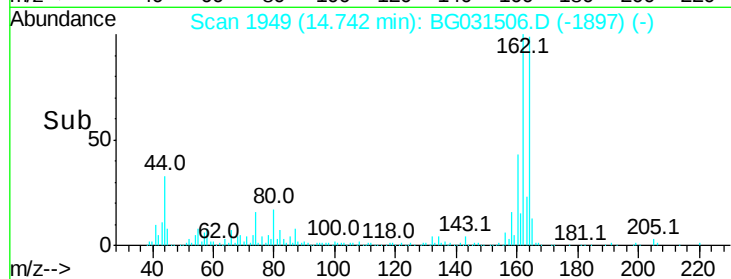
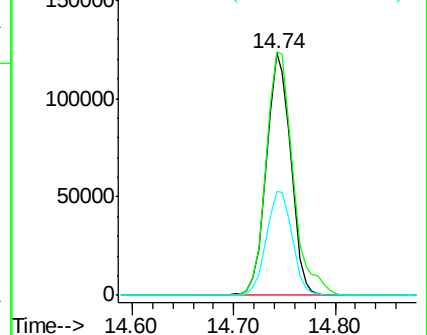
160 42.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.121 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

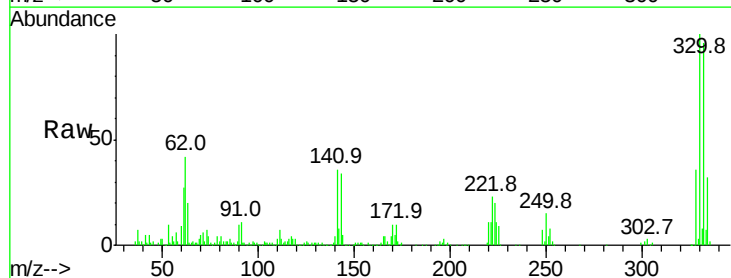
Tgt Ion:330 Resp: 250015

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

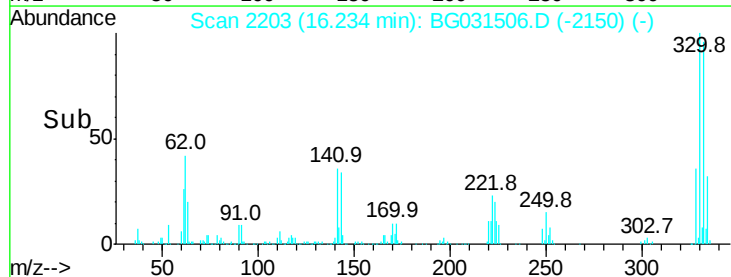
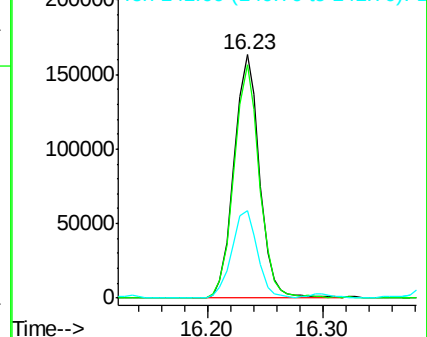
141 35.9 25.2 37.8

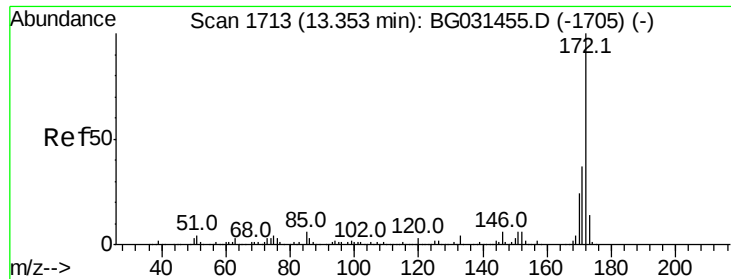


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



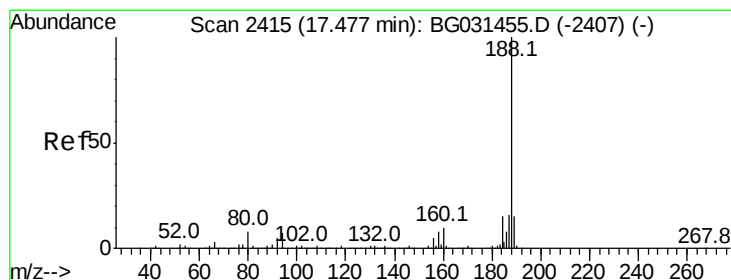
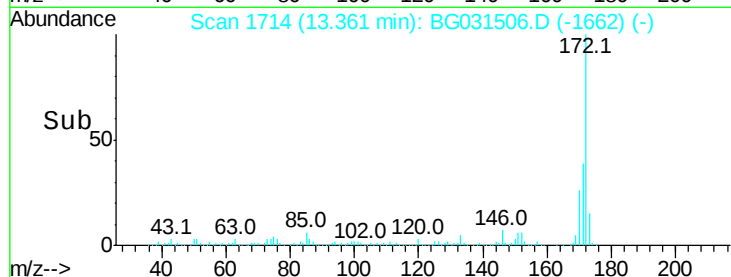
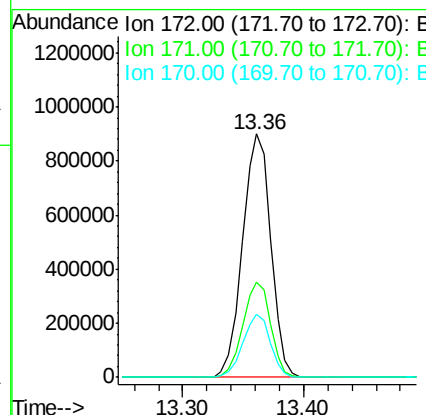
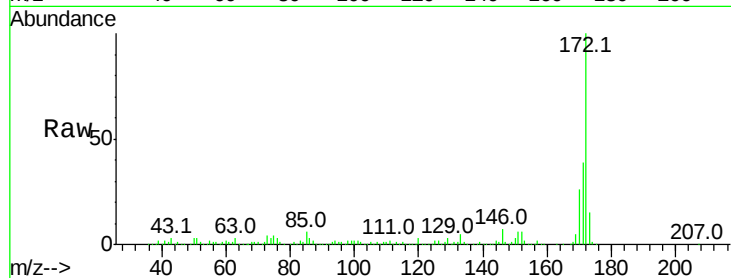


#44
 2-Fluorobiphenyl
 Concen: 105.103 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BG031506.D
 Acq: 13 Dec 2017 00:33

Instrument :
 BNA_G
 ClientSampleId :
 EFE-WW

Tot Ion:172 Resp: 1467562

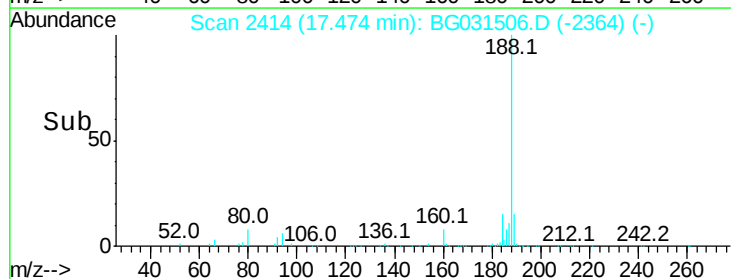
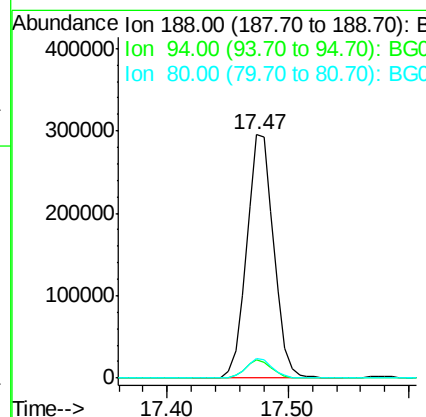
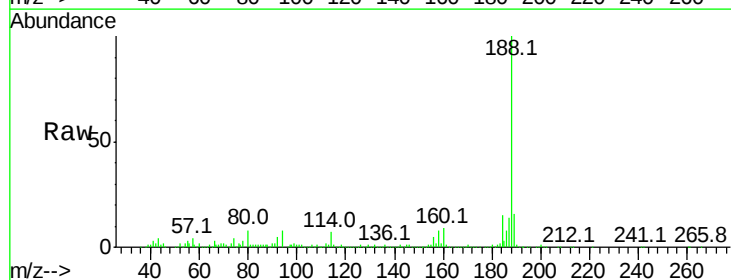
Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.8	19.5	29.3

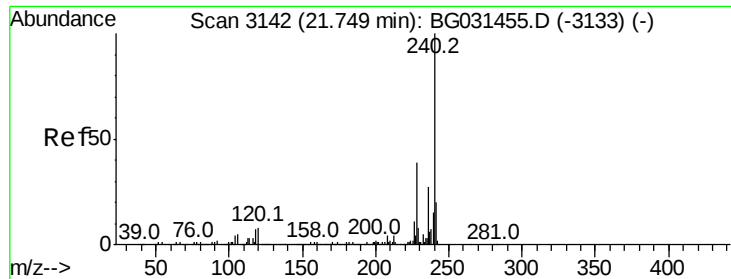


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG031506.D
 Acq: 13 Dec 2017 00:33

Tgt Ion:188 Resp: 458802

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.2	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

Instrument :

BNA_G

ClientSampleId :

EFE-WW

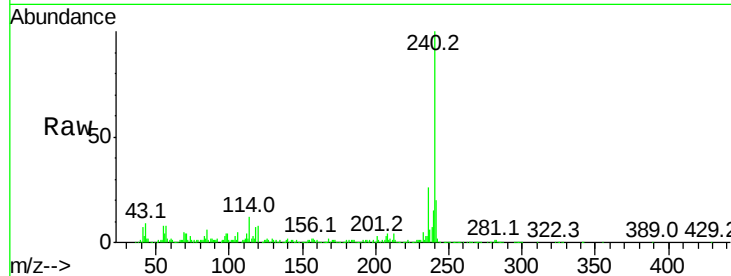
Tot Ion:240 Resp: 519918

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

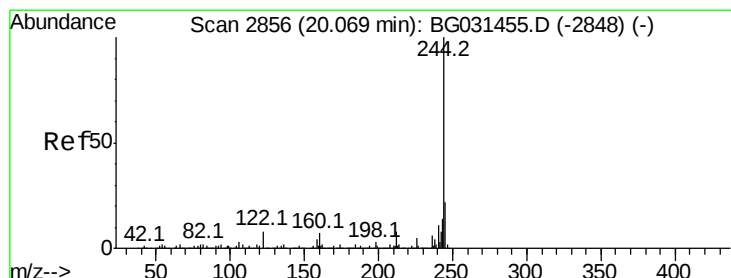
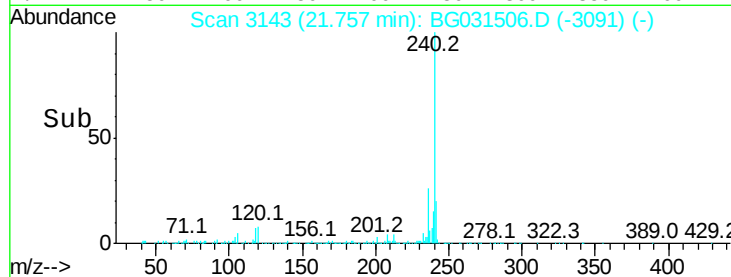
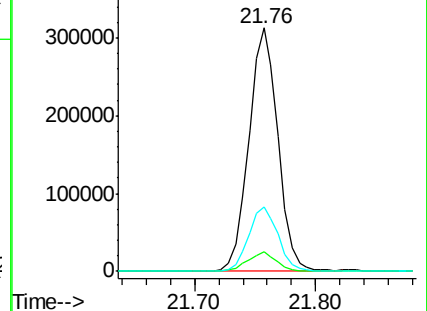
236 26.4 20.9 31.3



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: 80.675 ng

RT: 20.08 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG031506.D

Acq: 13 Dec 2017 00:33

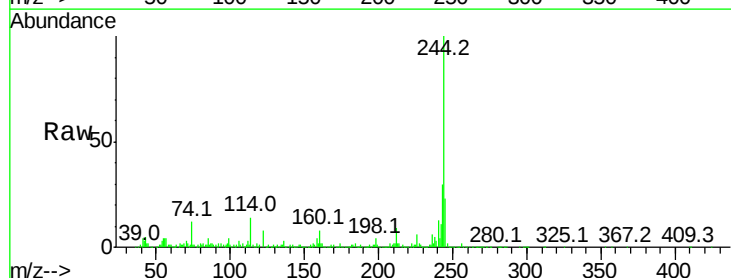
Tgt Ion:244 Resp: 1843577

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

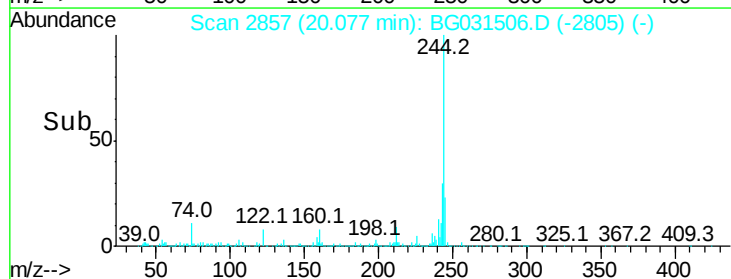
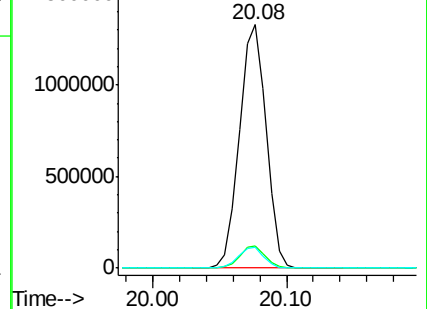
122 8.4 7.0 10.4

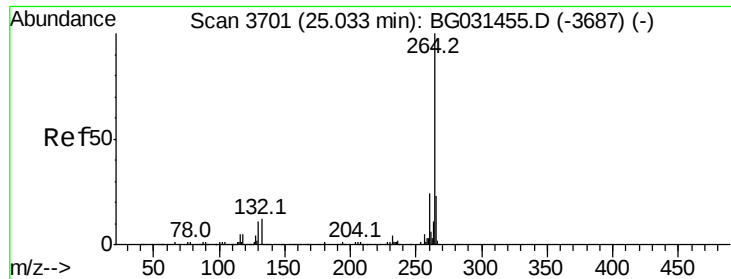


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

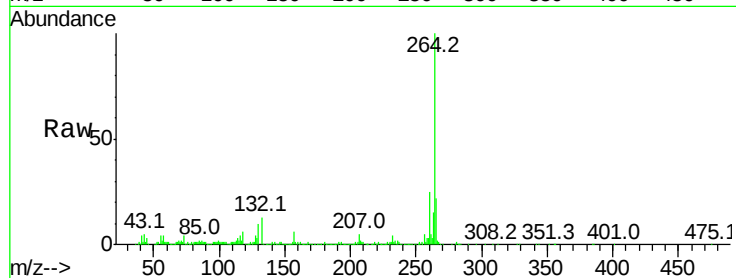




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG031506.D
Acq: 13 Dec 2017 00:33

Instrument :
BNA_G
ClientSampleId :
EFE-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	21.6	17.7	26.5



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

