

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031516.D
 Acq On : 13 Dec 2017 6:48
 Operator : SJ/JU
 Sample : I6763-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-S

Quant Time: Dec 13 07:46:51 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

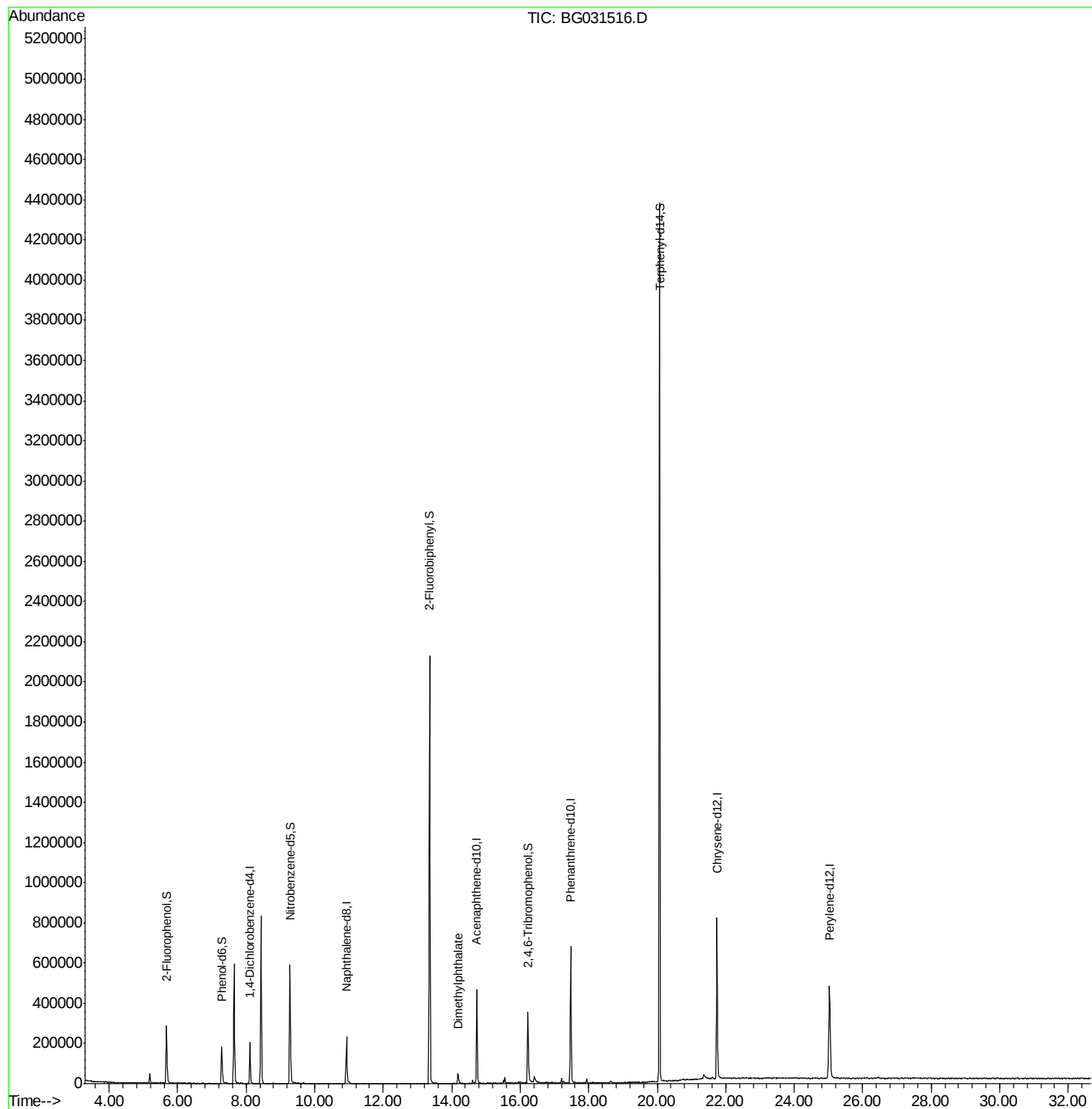
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	62076	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	267276	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	178479	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	461186	20.00	ng	0.00
75) Chrysene-d12	21.74	240	560706	20.00	ng	0.00
86) Perylene-d12	25.03	264	548038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	161754	46.19	ng	0.00
7) Phenol-d6	7.28	99	136418	28.06	ng	0.01
23) Nitrobenzene-d5	9.28	82	401804	92.66	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	90076	43.08	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1195282	98.30	ng	0.00
78) Terphenyl-d14	20.07	244	2023738	82.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	51128	3.46	ng	98

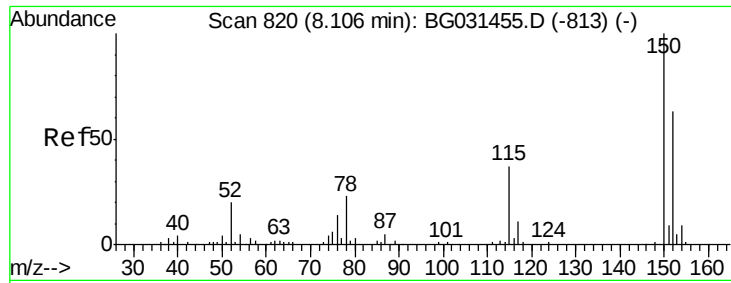
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 11 17:25:55 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-S

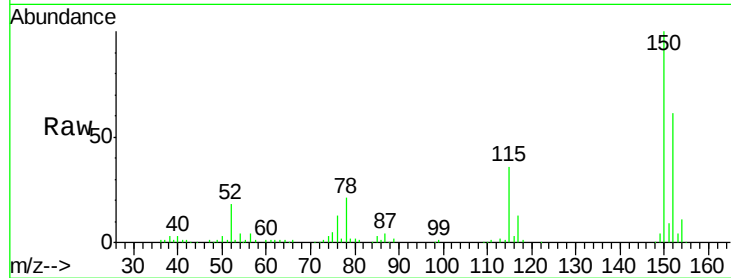
Tot Ion:152 Resp: 62076

Ion Ratio Lower Upper

152 100

150 162.7 126.6 189.8

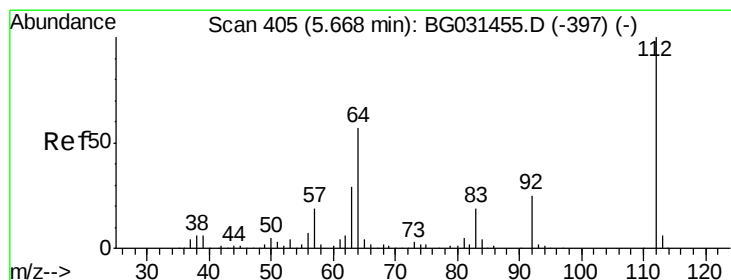
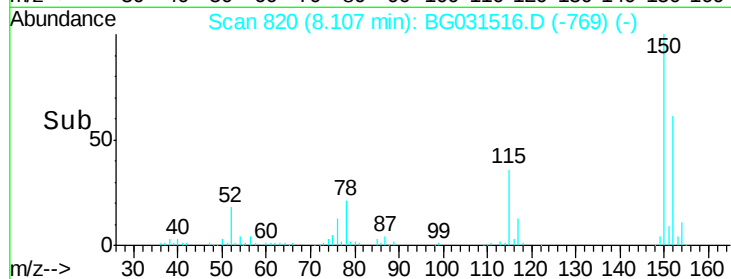
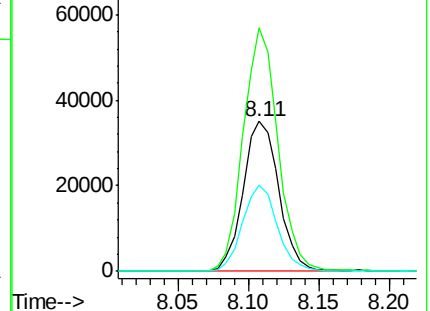
115 57.9 53.0 79.4



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: 46.19 ng

RT: 5.68 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

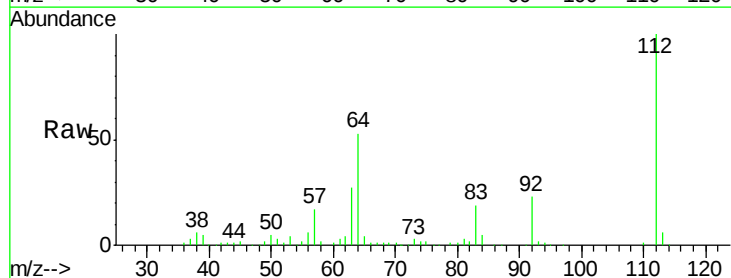
Tgt Ion:112 Resp: 161754

Ion Ratio Lower Upper

112 100

64 52.5 56.3 84.5#

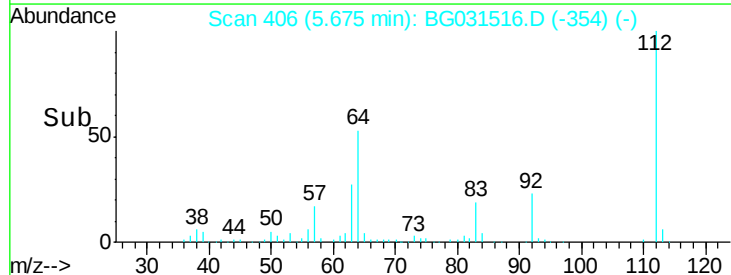
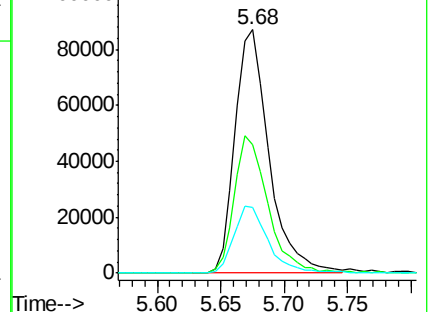
63 26.9 30.1 45.1#

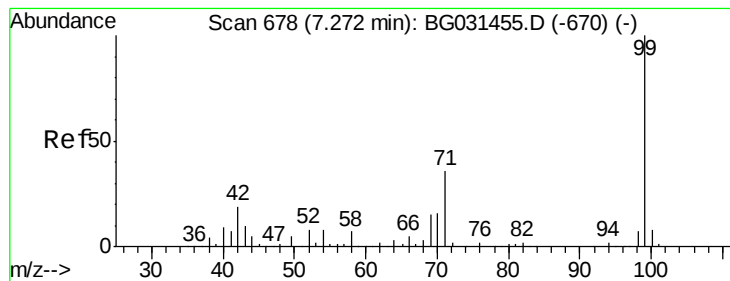


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.06 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-S

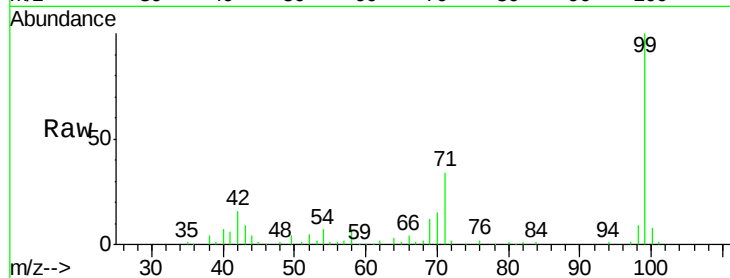
Tot Ion: 99 Resp: 136418

Ion Ratio Lower Upper

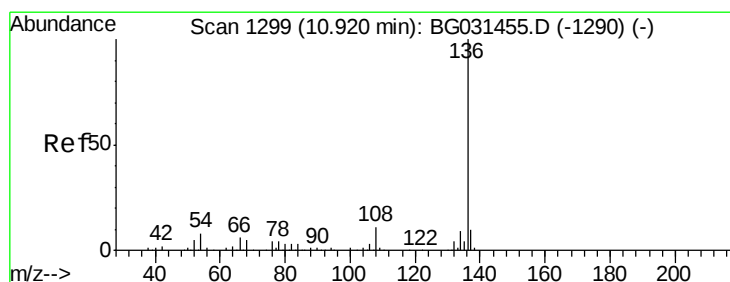
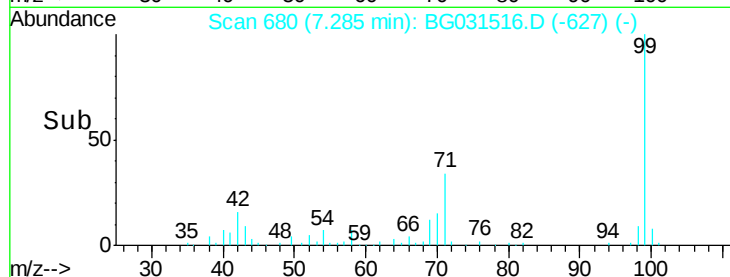
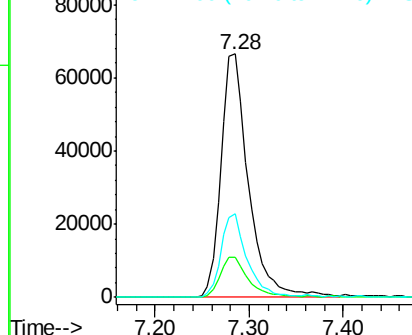
99 100

42 16.3 14.1 21.1

71 34.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

Tgt Ion: 136 Resp: 267276

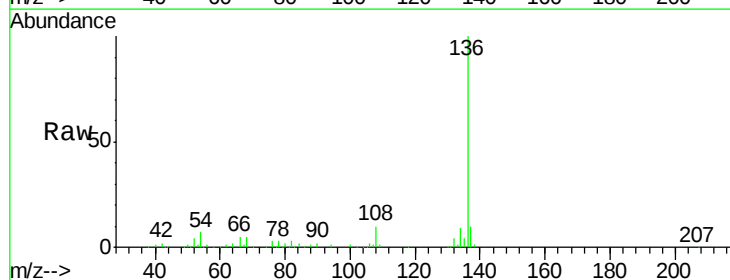
Ion Ratio Lower Upper

136 100

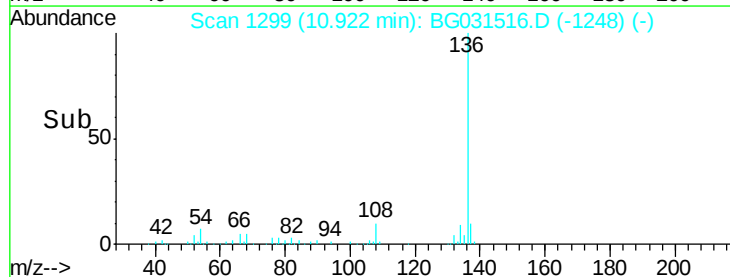
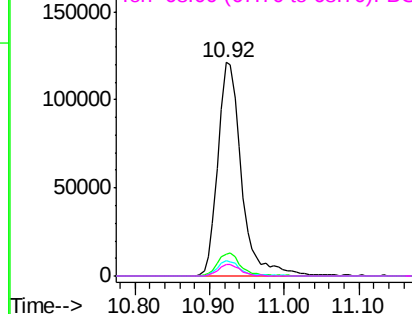
137 10.3 9.2 13.8

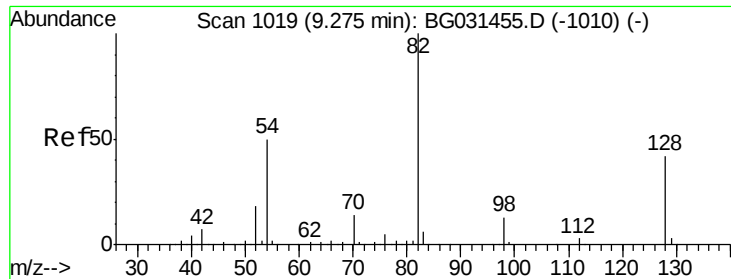
54 7.1 10.3 15.5#

68 5.3 4.5 6.7



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

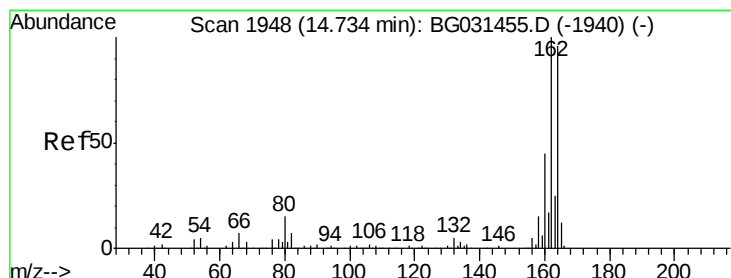
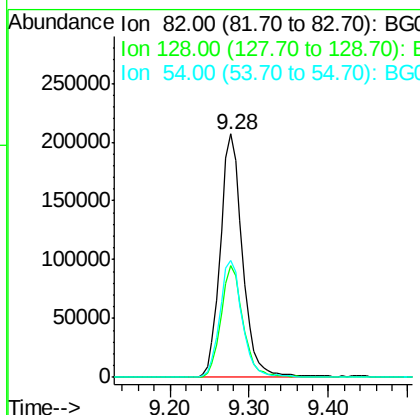
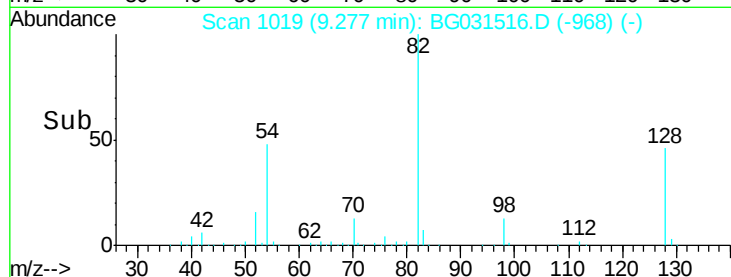
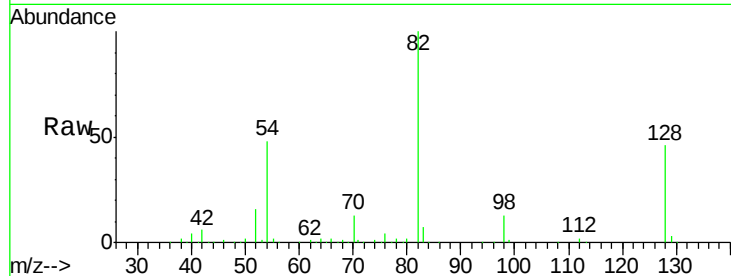




#23
 Nitrobenzene-d5
 Concen: 92.66 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG031516.D
 Acq: 13 Dec 2017 6:48

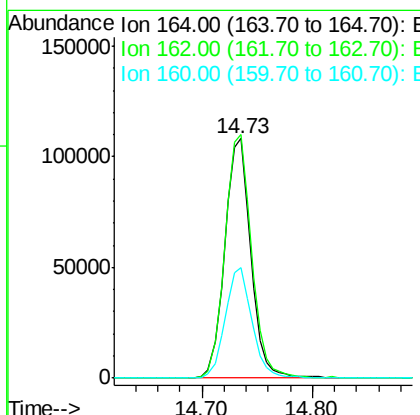
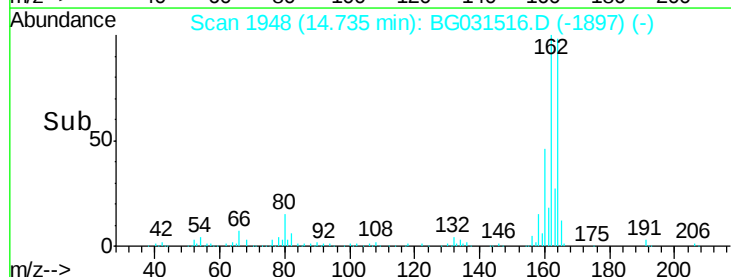
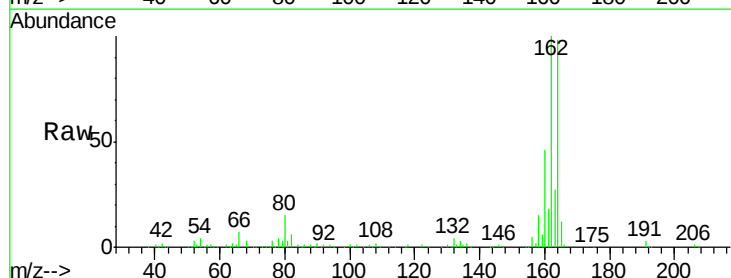
Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-S

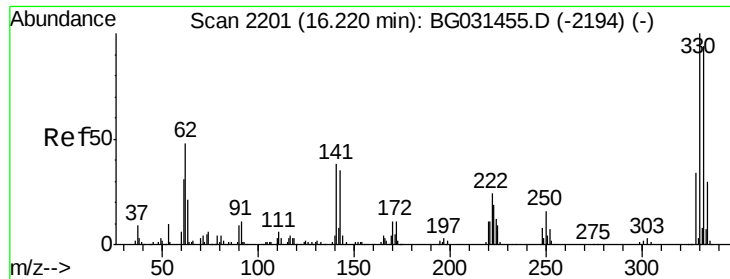
Tot Ion: 82 Resp: 401804
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 48.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BG031516.D
 Acq: 13 Dec 2017 6:48

Tgt Ion:164 Resp: 178479
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 46.3 35.4 53.0

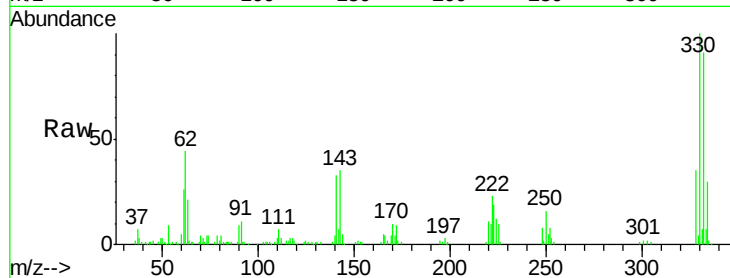




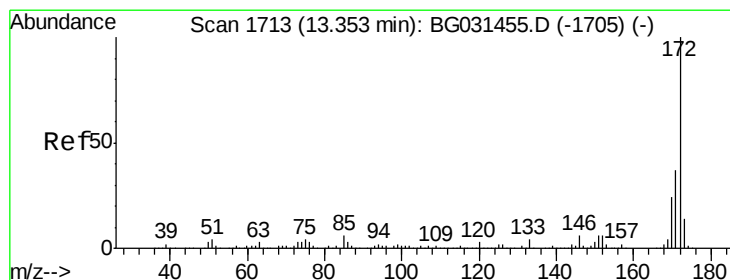
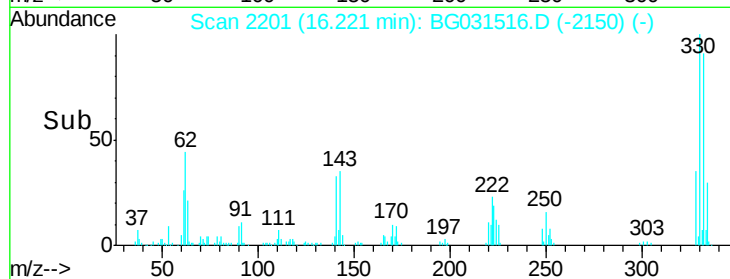
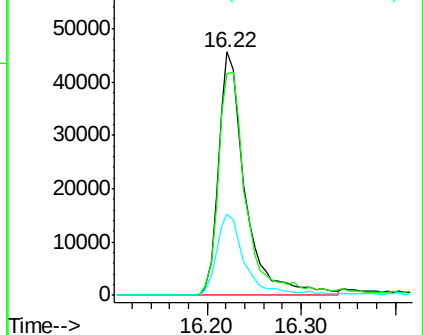
#41
 2,4,6-Tribromophenol
 Concen: 43.08 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031516.D
 Acq: 13 Dec 2017 6:48

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-S

Tot Ion:330 Resp: 90076
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 36.7 25.2 37.8

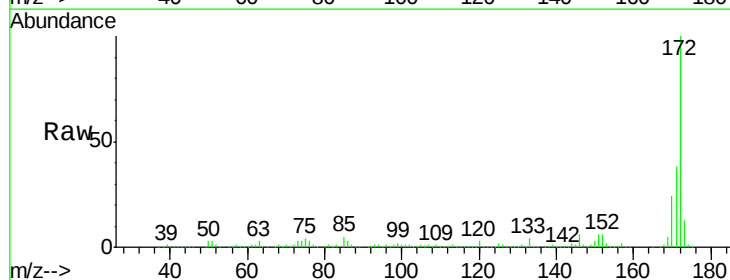


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

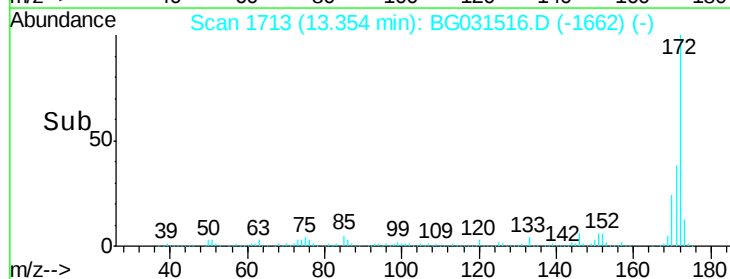
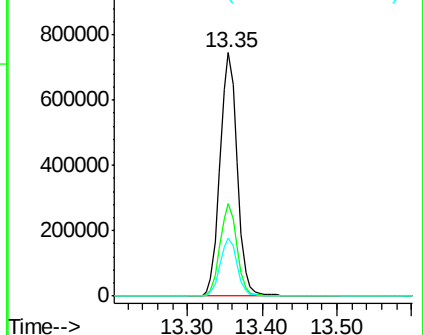


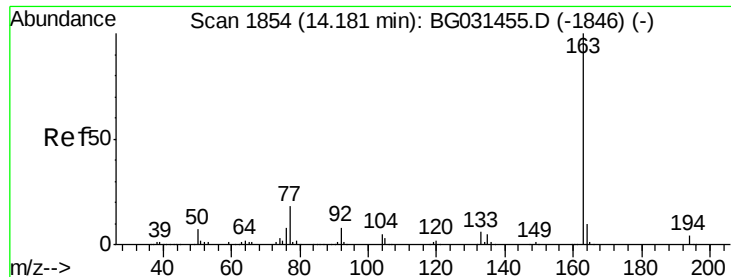
#44
 2-Fluorobiphenyl
 Concen: 98.30 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031516.D
 Acq: 13 Dec 2017 6:48

Tgt Ion:172 Resp: 1195282
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 23.9 19.5 29.3



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: 3.46 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-S

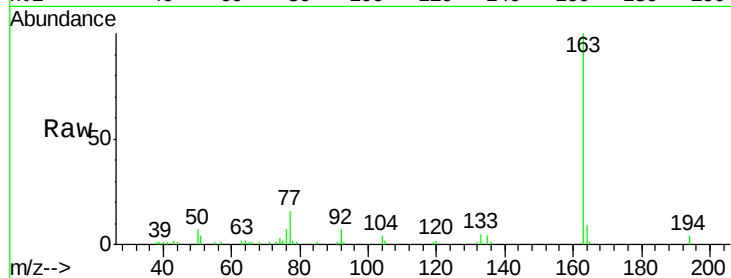
Tot Ion:163 Resp: 51128

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

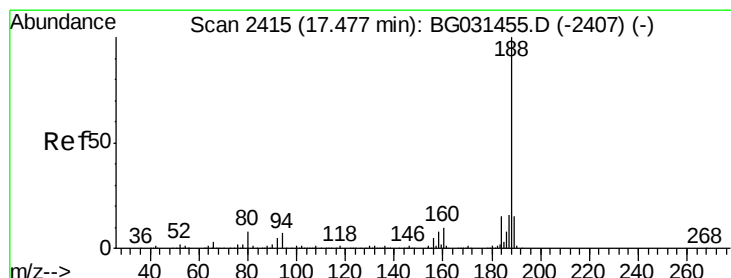
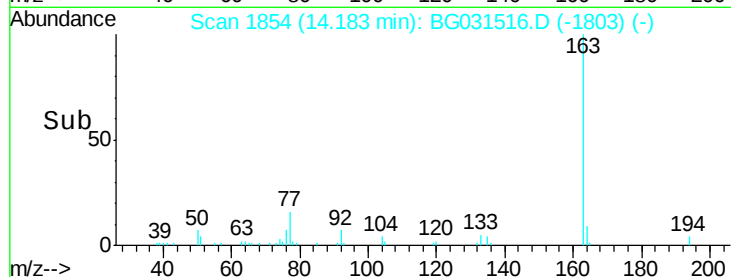
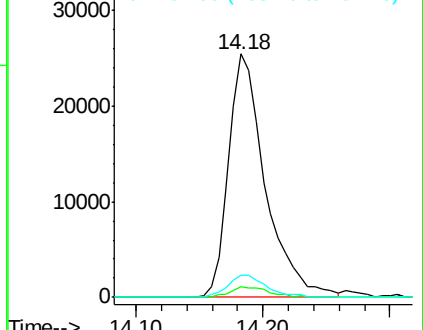
164 9.1 8.2 12.4



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: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

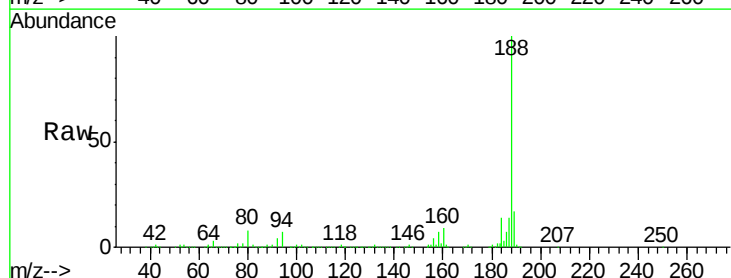
Tgt Ion:188 Resp: 461186

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

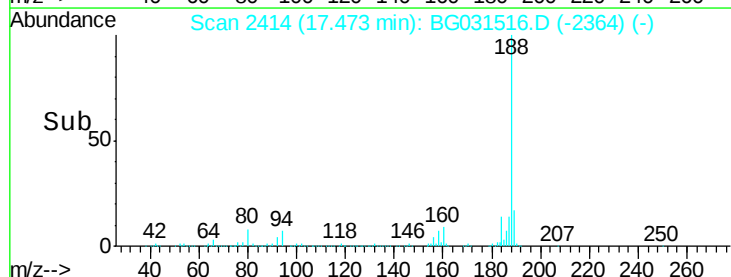
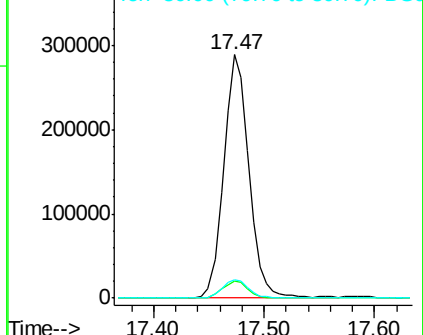
80 7.7 7.7 11.5

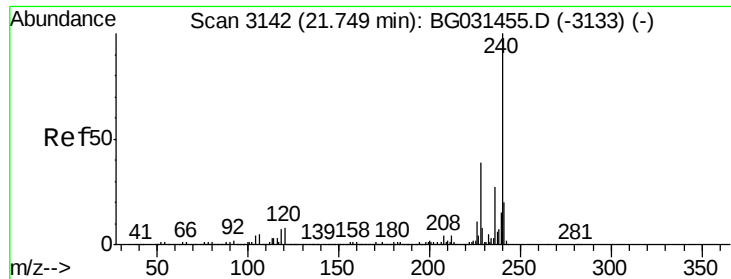


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.74 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-S

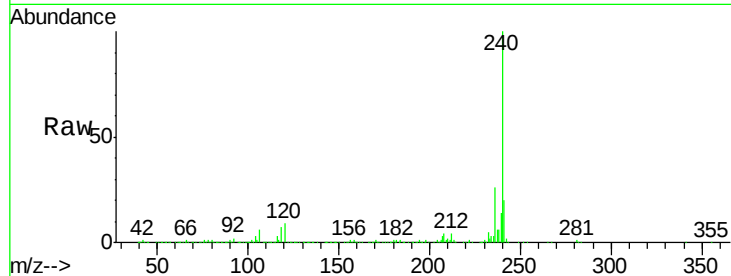
Tot Ion:240 Resp: 560706

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

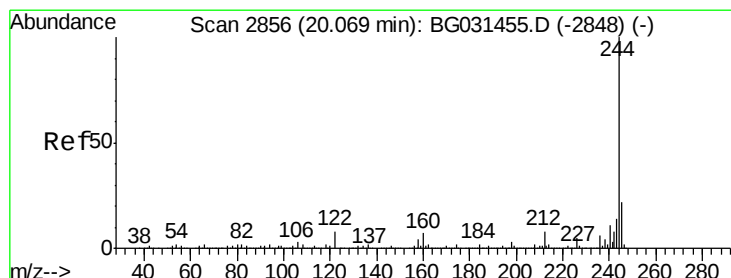
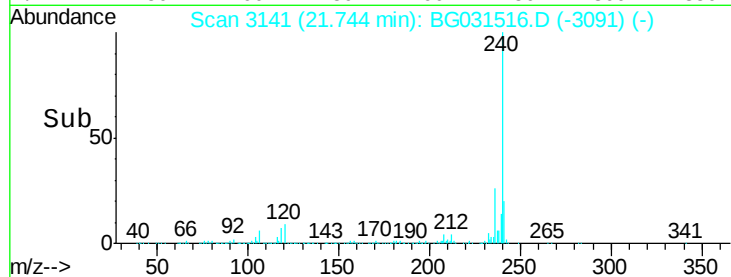
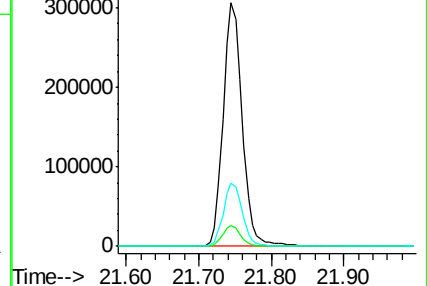
236 26.0 20.9 31.3



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: 82.12 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG031516.D

Acq: 13 Dec 2017 6:48

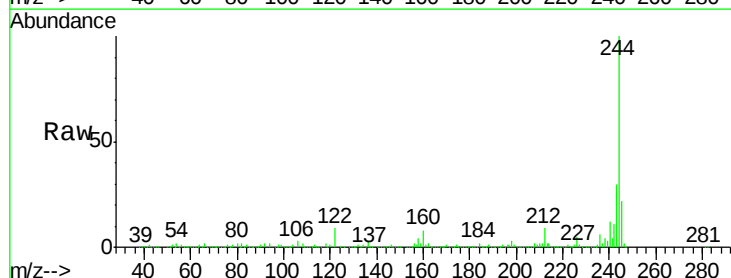
Tgt Ion:244 Resp: 2023738

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

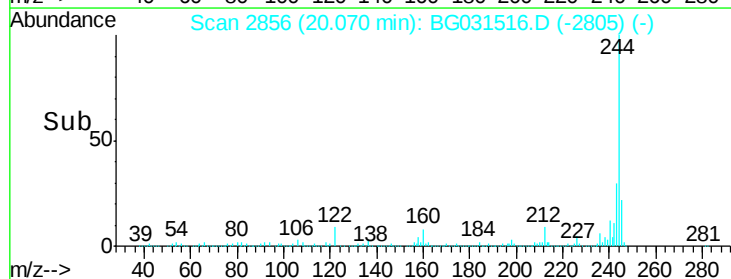
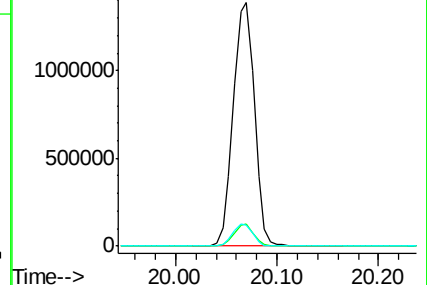
122 8.6 7.0 10.4

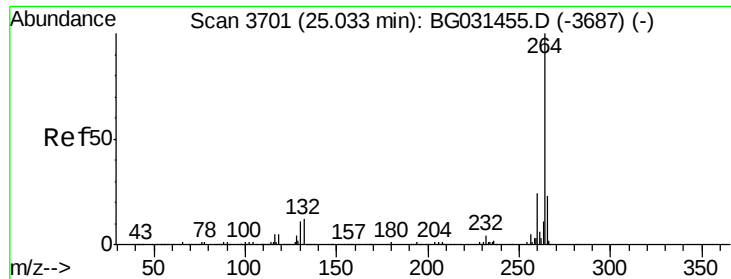


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG031516.D
Acq: 13 Dec 2017 6:48

Instrument :
BNA_G
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.7	17.7	26.5

