

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031607.D
 Acq On : 16 Dec 2017 3:06
 Operator : SJ/JU
 Sample : I6884-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-20171211

Quant Time: Dec 16 04:33:51 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

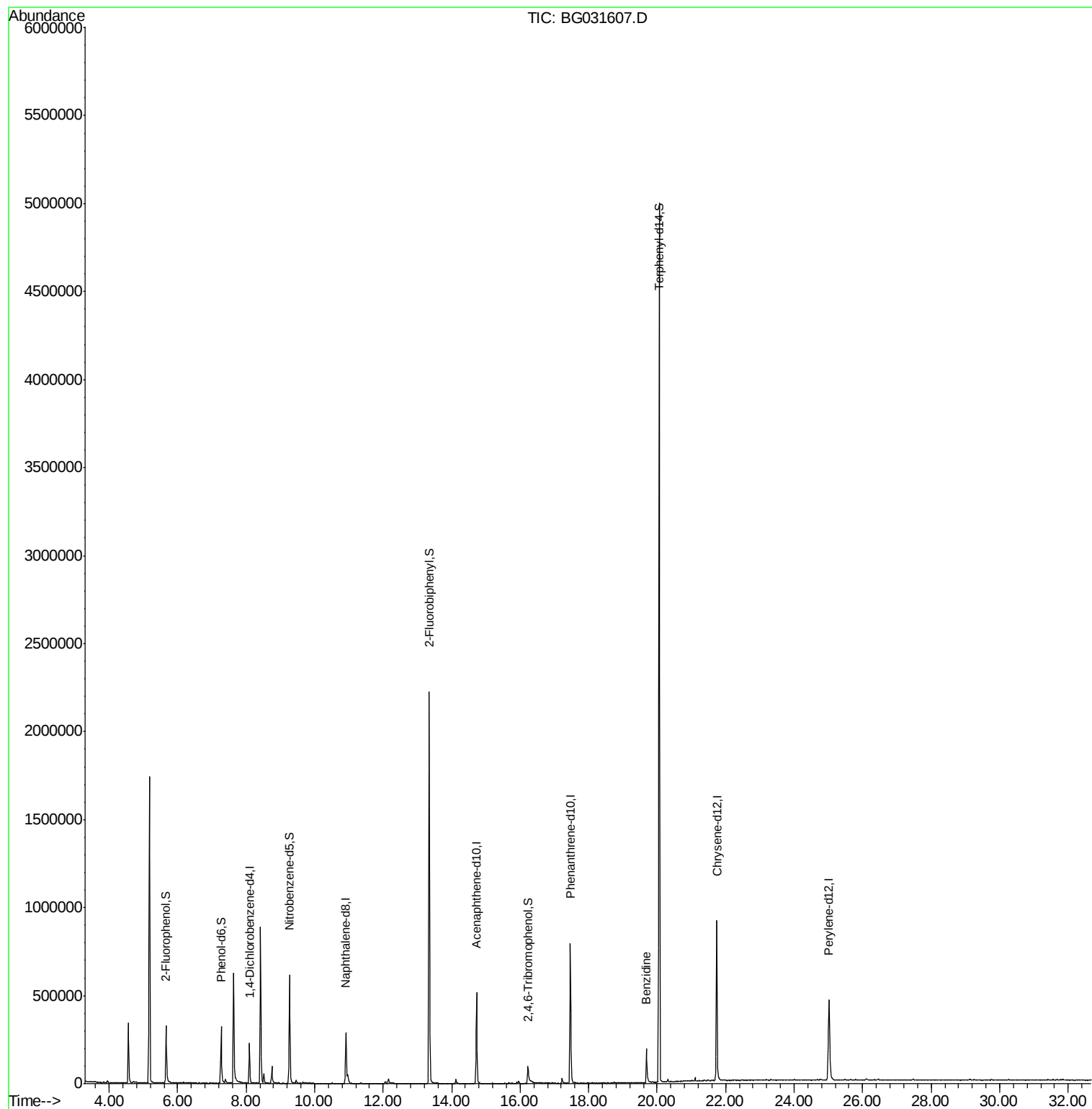
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	71588	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	310904	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211698	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	569237	20.00	ng	0.00
75) Chrysene-d12	21.74	240	638592	20.00	ng	0.00
86) Perylene-d12	25.02	264	546448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	198051	49.04	ng	0.00
7) Phenol-d6	7.27	99	230138	41.05	ng	0.00
23) Nitrobenzene-d5	9.27	82	408158	80.92	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	39858	16.07	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1285124	89.11	ng	0.00
78) Terphenyl-d14	20.06	244	2437720	86.85	ng	0.00
Target Compounds						
76) Benzidine	19.69	184	157514	10.599	ng	Qvalue 99

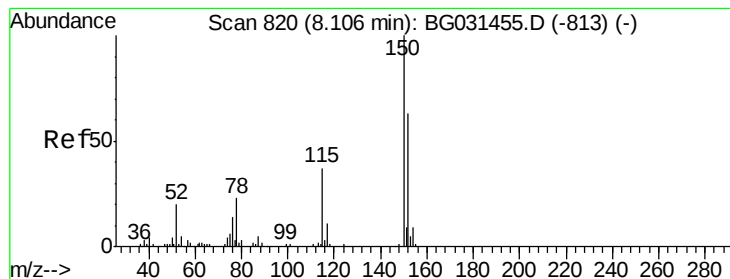
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

FB-20171211

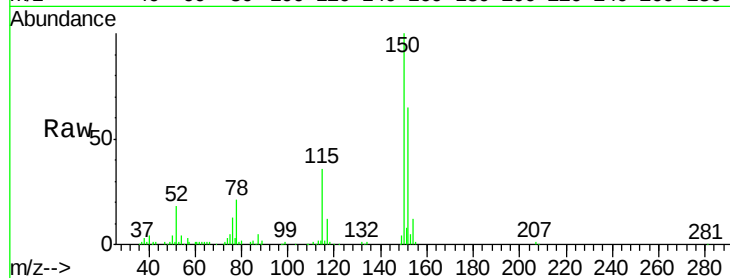
Tgt Ion:152 Resp: 71588

Ion Ratio Lower Upper

152 100

150 152.8 126.6 189.8

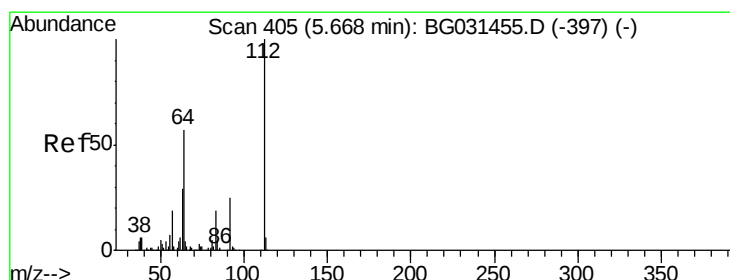
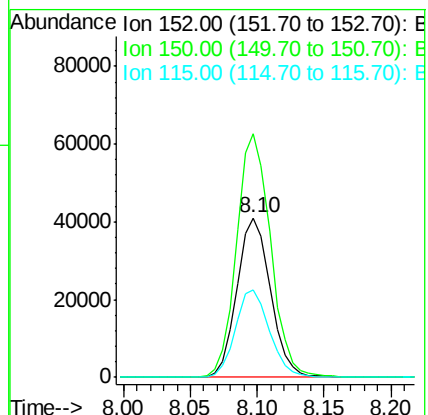
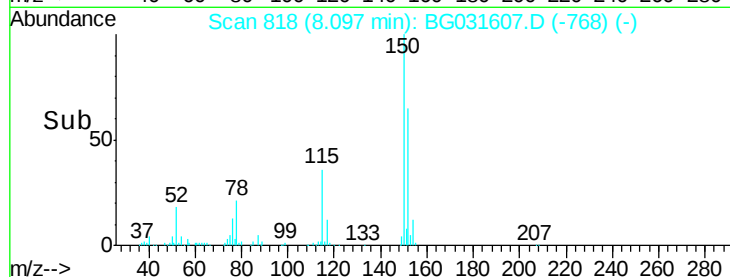
115 54.9 53.0 79.4



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: 49.037 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

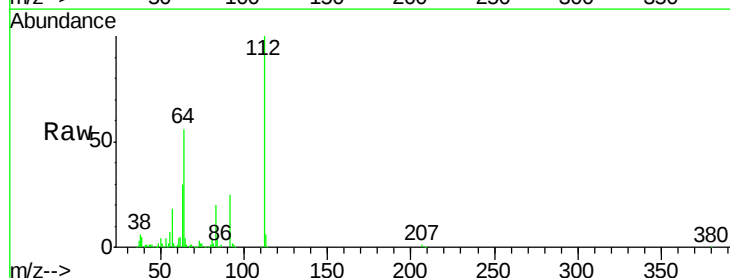
Tgt Ion:112 Resp: 198051

Ion Ratio Lower Upper

112 100

64 55.9 56.3 84.5#

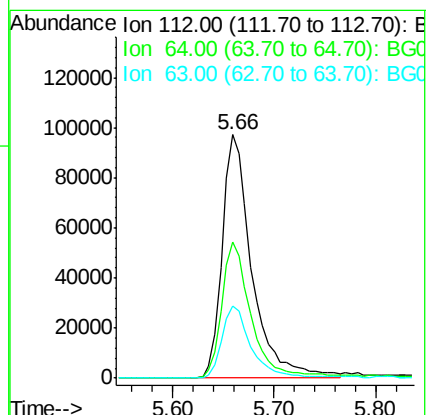
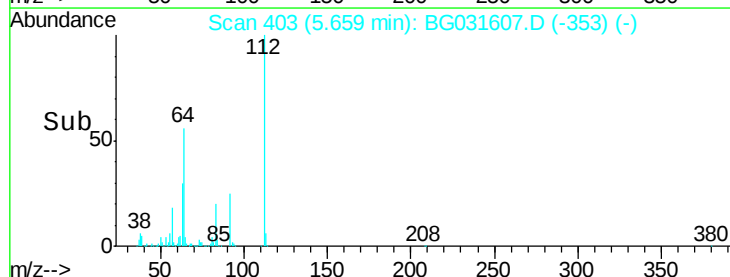
63 29.8 30.1 45.1#

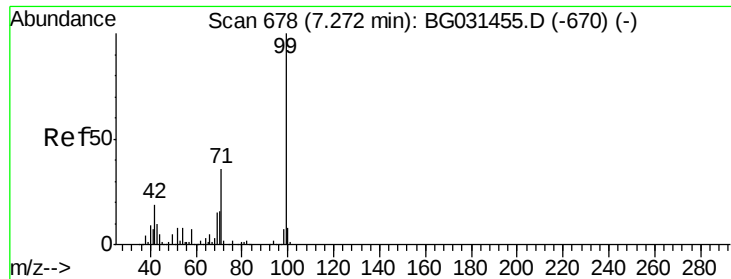


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.047 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

FB-20171211

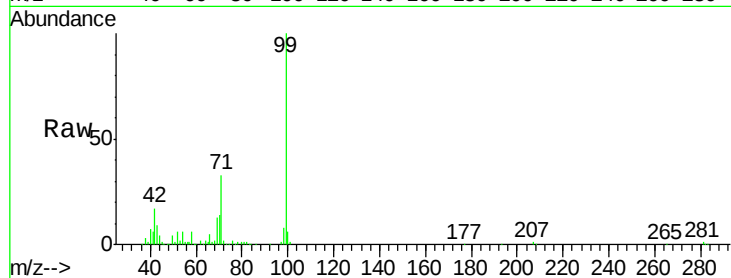
Tgt Ion: 99 Resp: 230138

Ion Ratio Lower Upper

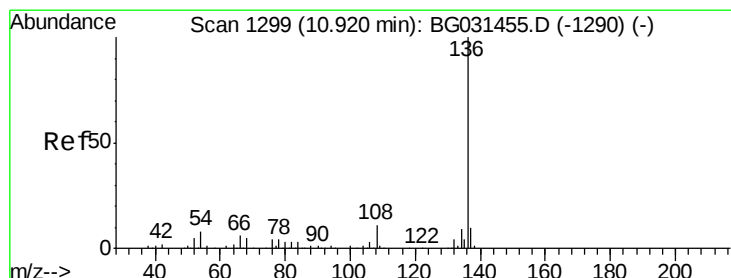
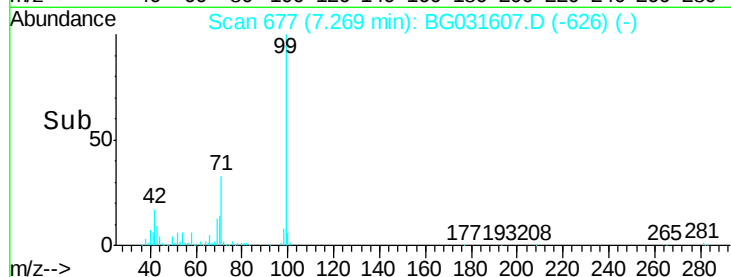
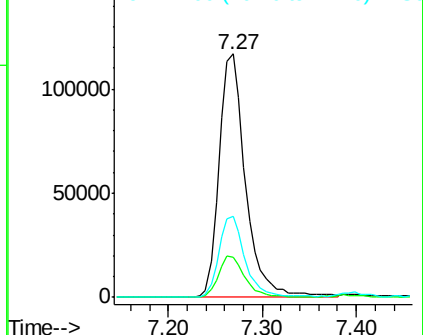
99 100

42 16.5 14.1 21.1

71 33.4 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: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

Tgt Ion: 136 Resp: 310904

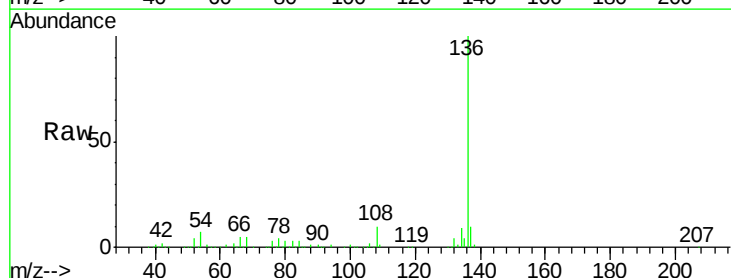
Ion Ratio Lower Upper

136 100

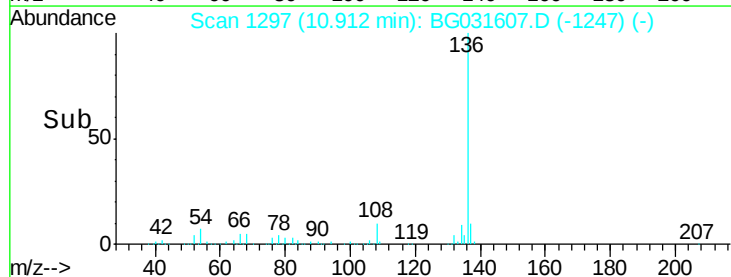
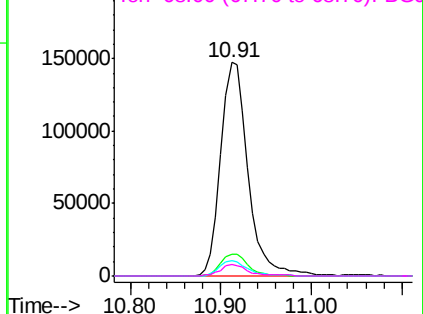
137 10.4 9.2 13.8

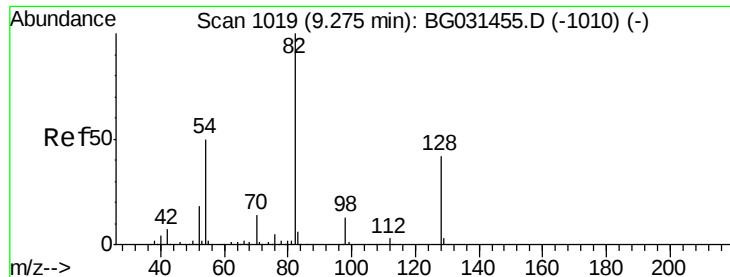
54 6.9 10.3 15.5#

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

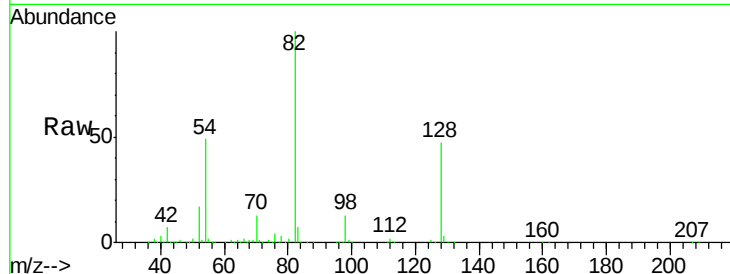




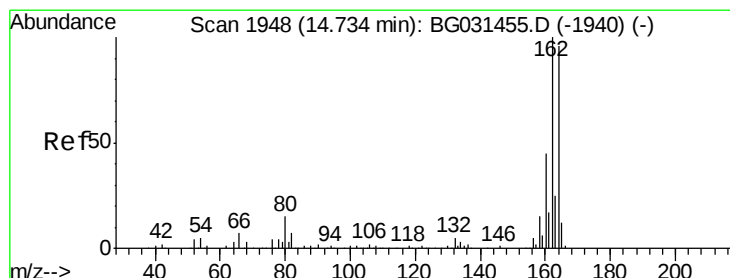
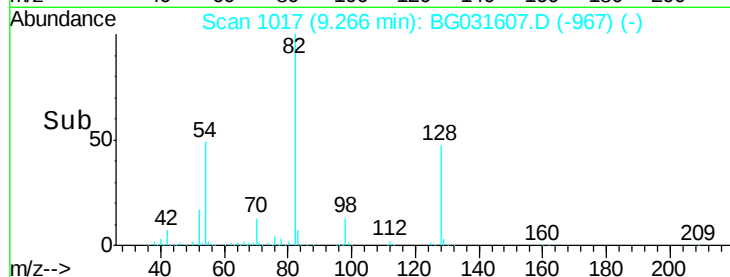
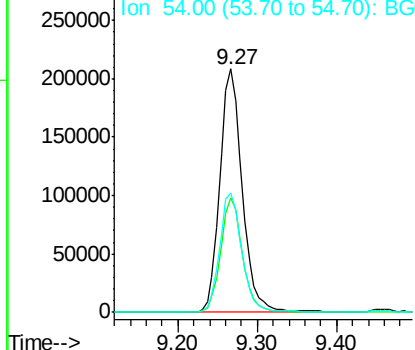
#23
 Nitrobenzene-d5
 Concen: 80.917 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031607.D
 Acq: 16 Dec 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 FB-20171211

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	49.1	43.1	64.7

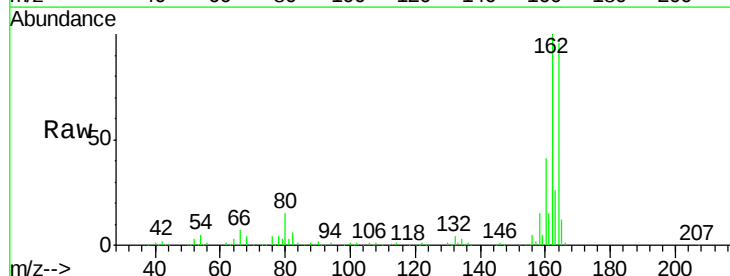


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

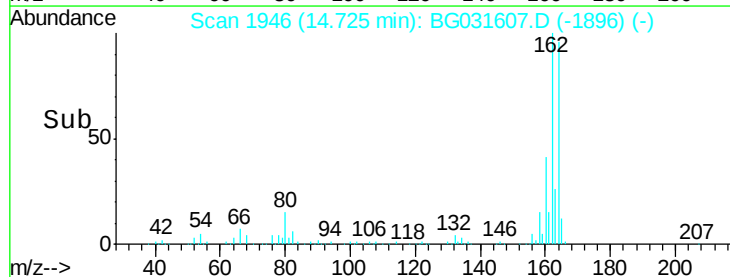
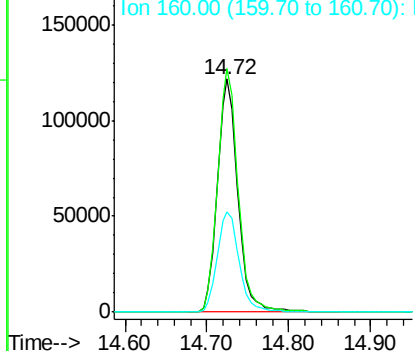


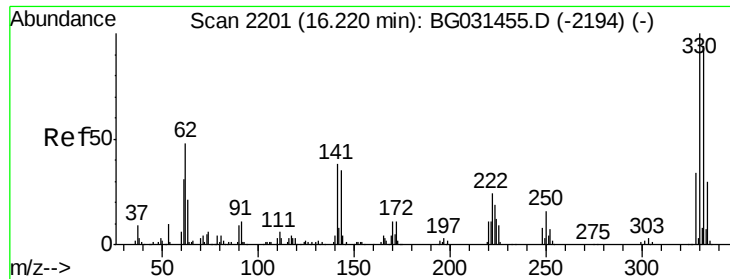
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031607.D
 Acq: 16 Dec 2017 3:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	42.9	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

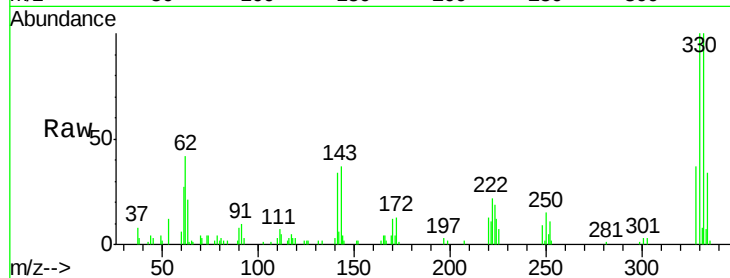




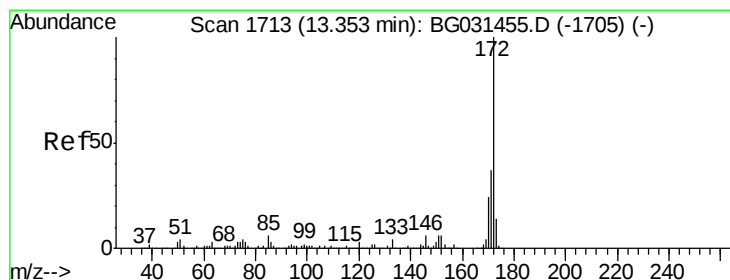
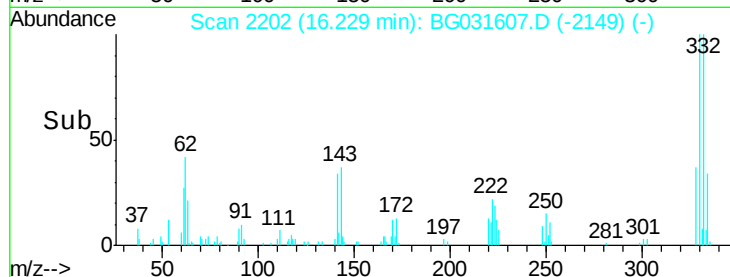
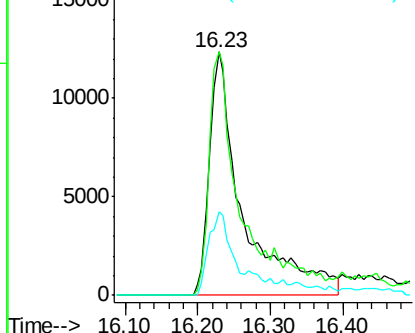
#41
 2,4,6-Tribromophenol
 Concen: 16.071 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG031607.D
 Acq: 16 Dec 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 FB-20171211

Tgt Ion:330 Resp: 39858
 Ion Ratio Lower Upper
 330 100
 332 80.1 77.0 115.6
 141 23.3 25.2 37.8#

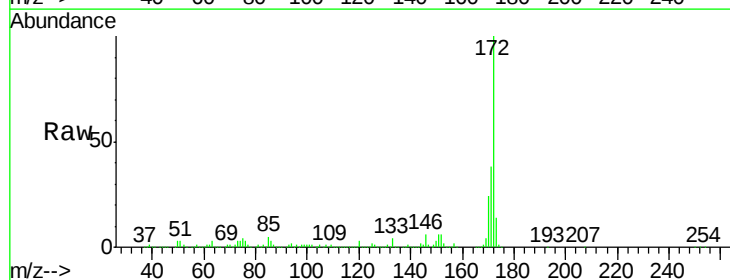


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

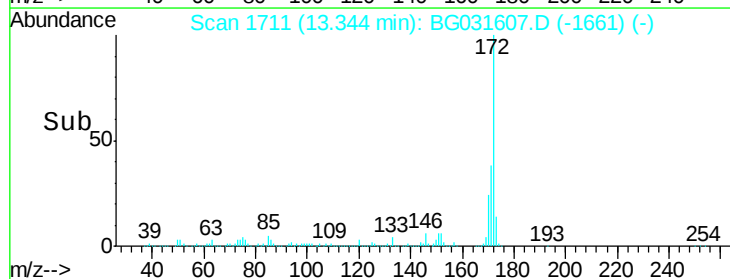
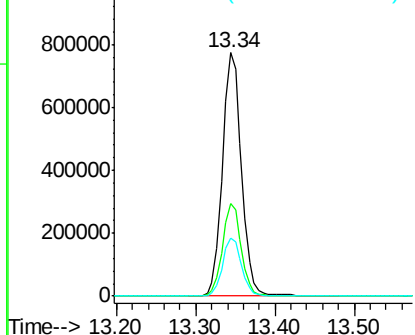


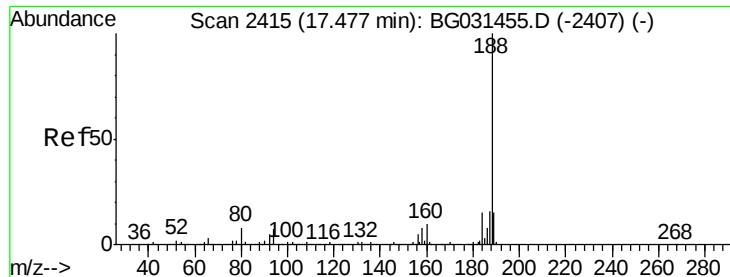
#44
 2-Fluorobiphenyl
 Concen: 89.108 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031607.D
 Acq: 16 Dec 2017 3:06

Tgt Ion:172 Resp: 1285124
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.8 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

FB-20171211

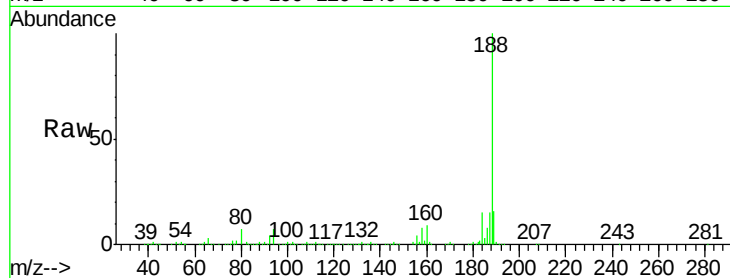
Tgt Ion:188 Resp: 569237

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

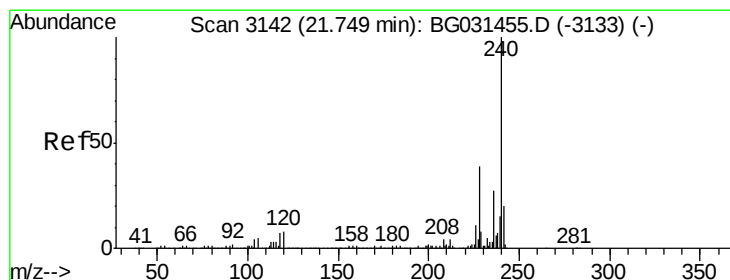
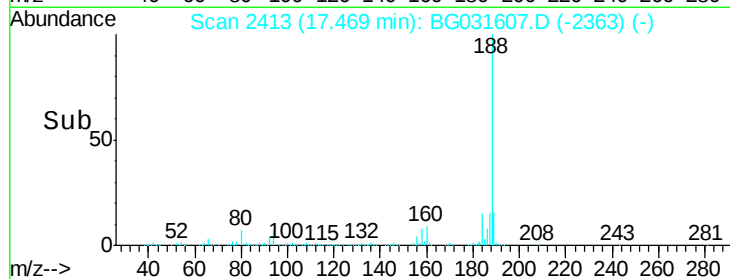
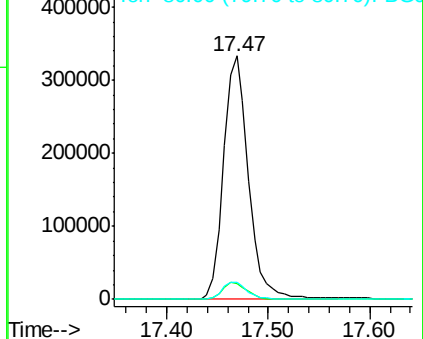
80 6.9 7.7 11.5#



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: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

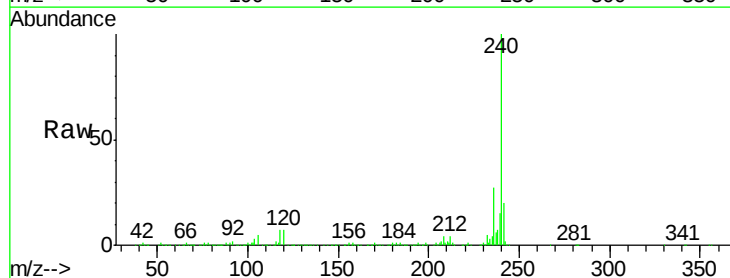
Tgt Ion:240 Resp: 638592

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

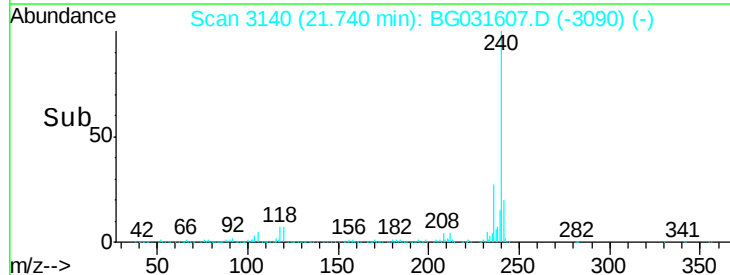
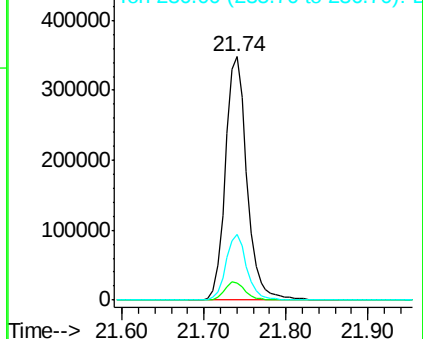
236 26.8 20.9 31.3

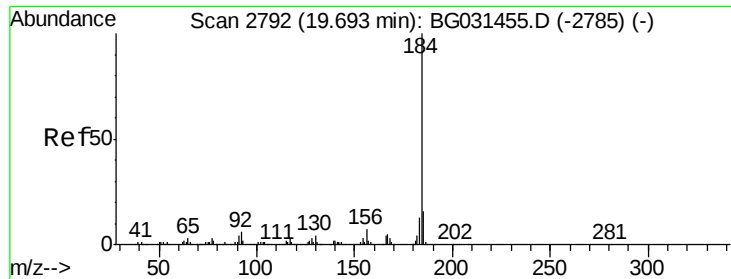


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 10.599 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

FB-20171211

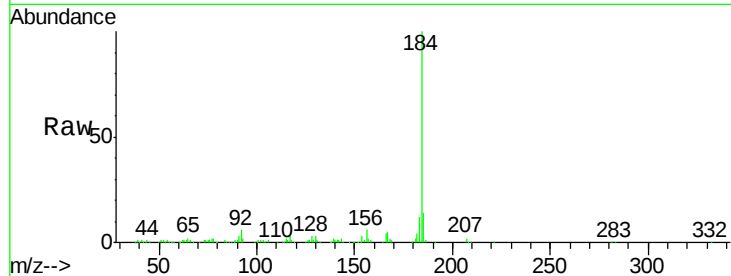
Tgt Ion:184 Resp: 157514

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

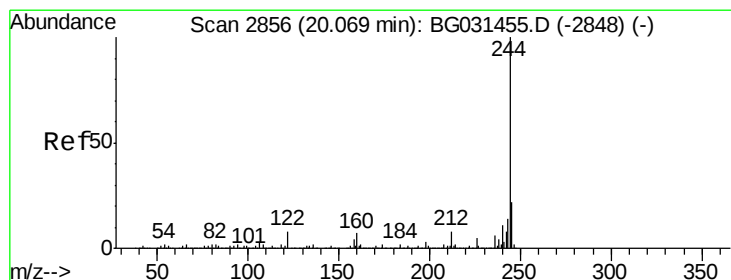
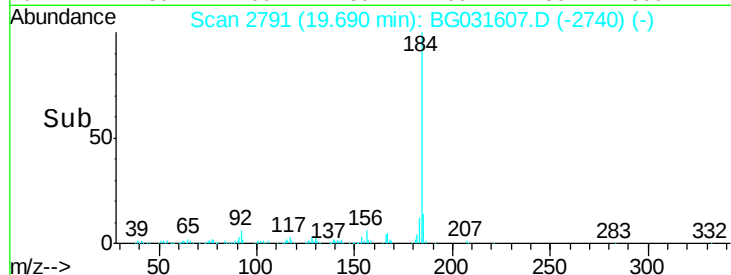
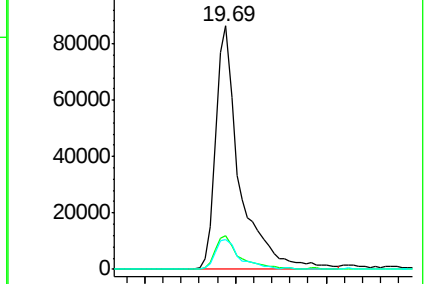
183 12.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 86.851 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

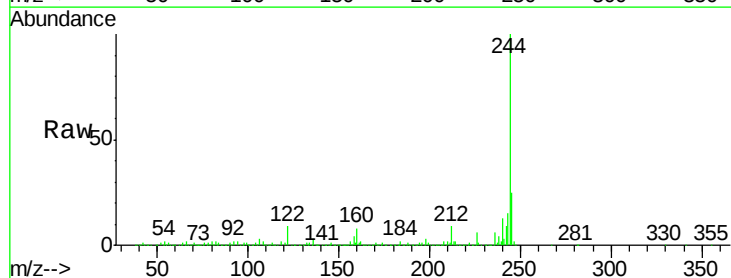
Tgt Ion:244 Resp: 2437720

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

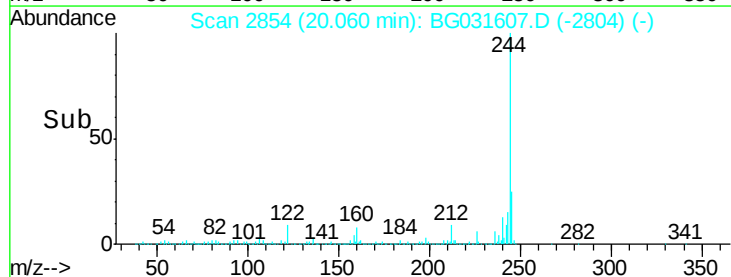
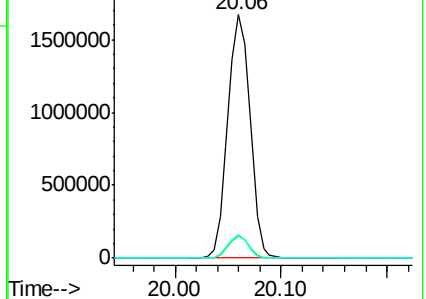
122 9.4 7.0 10.4

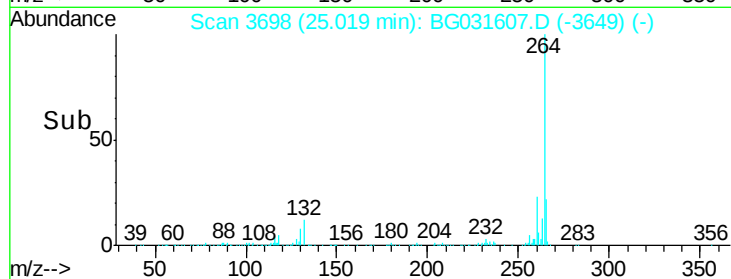
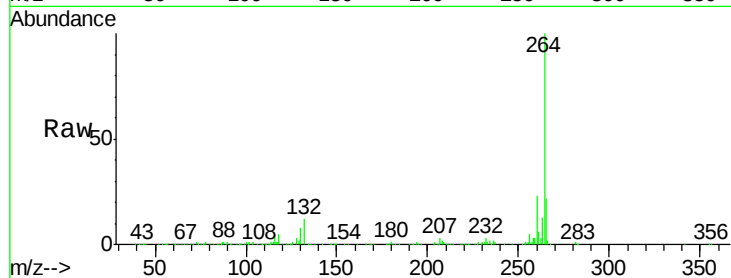
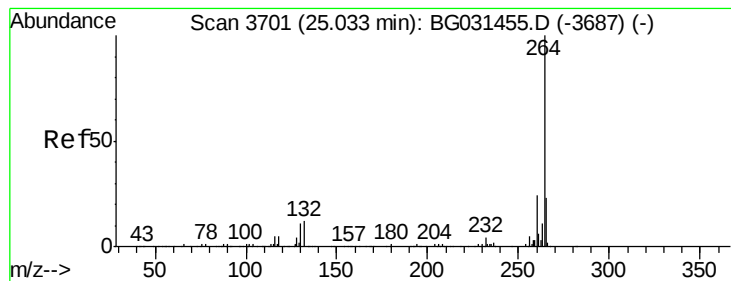


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG031607.D

Acq: 16 Dec 2017 3:06

Instrument :

BNA_G

ClientSampleId :

FB-20171211

Tgt Ion:264 Resp: 546448

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.0 17.7 26.5

