

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028686.D
 Acq On : 13 Sep 2017 1:46
 Operator : SJ/JU
 Sample : I5189-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-01-090817

Quant Time: Sep 13 05:17:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	22654	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	92111	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	73148	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	218924	20.00	ng	0.00
75) Chrysene-d12	22.03	240	247643	20.00	ng	0.00
86) Perylene-d12	25.52	264	253003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	83538	60.85	ng	0.00
7) Phenol-d6	7.48	99	65456	31.67	ng	0.00
23) Nitrobenzene-d5	9.50	82	197101	102.36	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	204503	169.04	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	509966	92.96	ng	0.00
78) Terphenyl-d14	20.28	244	1146112	98.70	ng	0.00

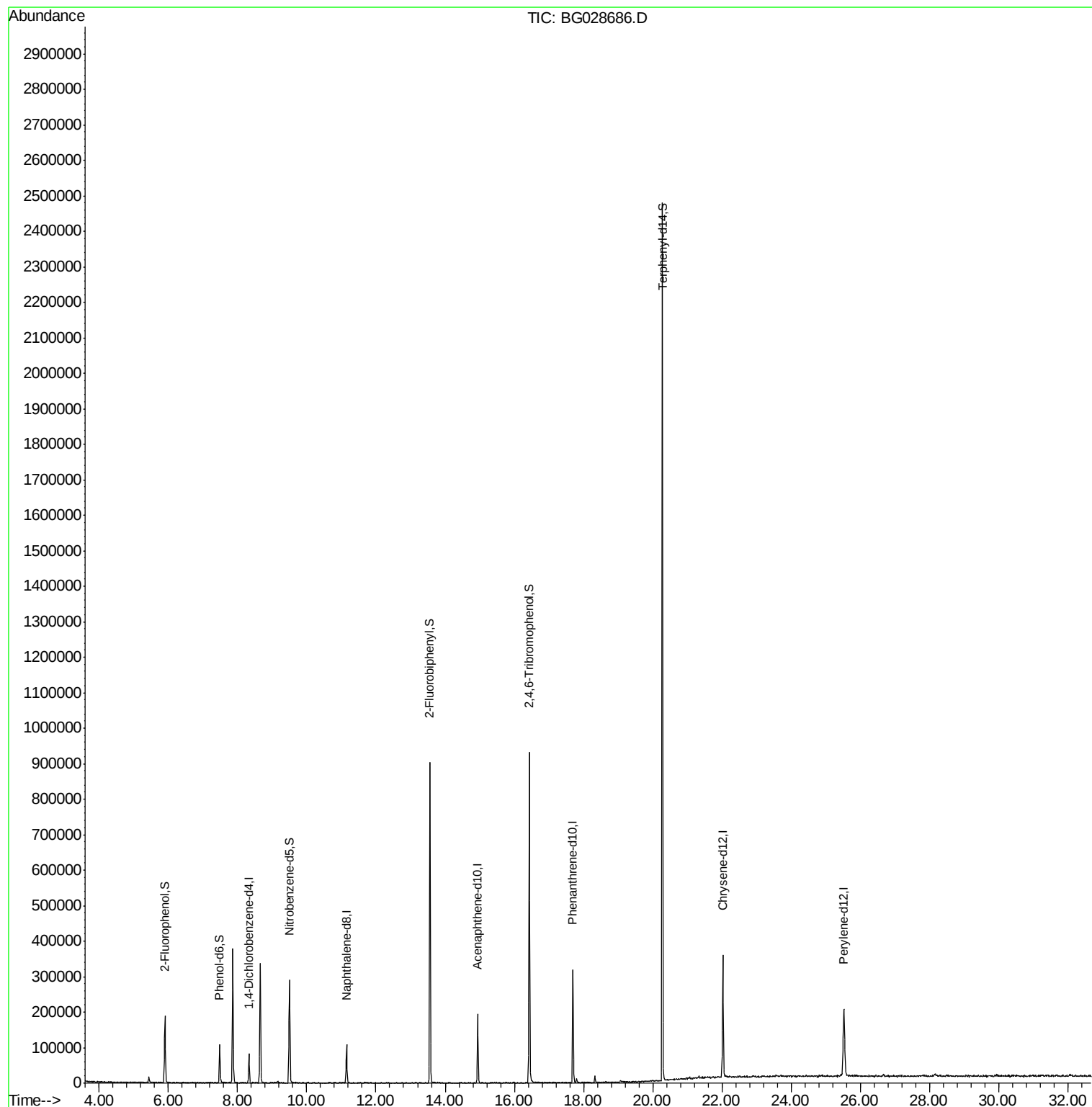
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

FB-01-090817

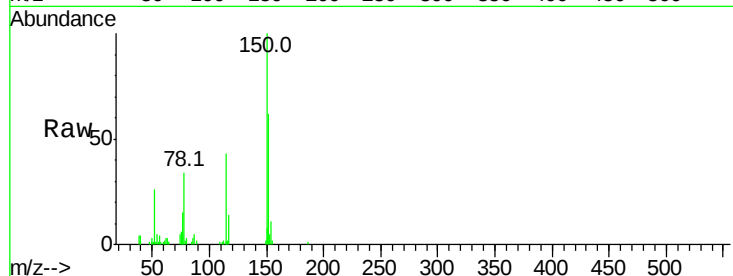
Tot Ion:152 Resp: 22654

Ion Ratio Lower Upper

152 100

150 161.9 114.0 171.0

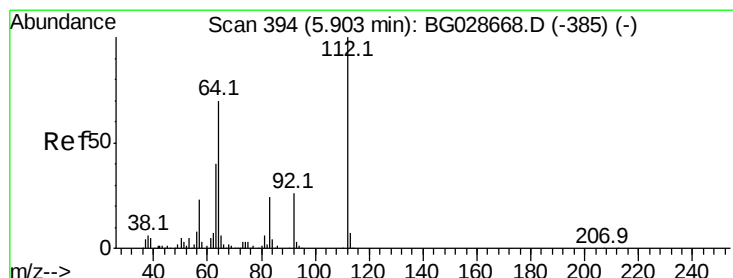
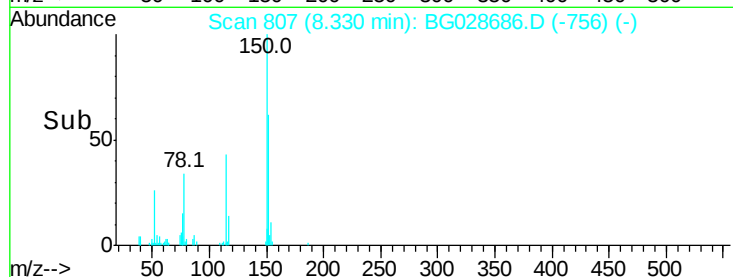
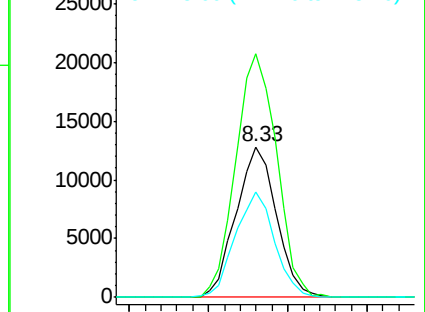
115 70.1 48.1 72.1



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: 60.847 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

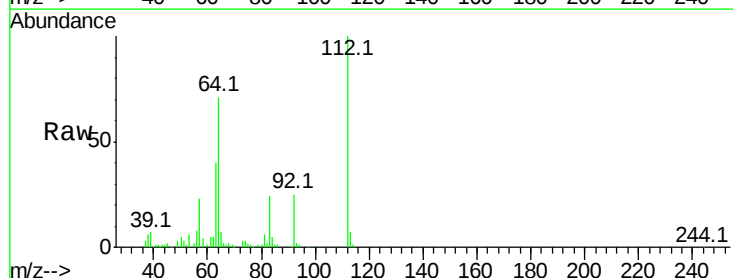
Tgt Ion:112 Resp: 83538

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

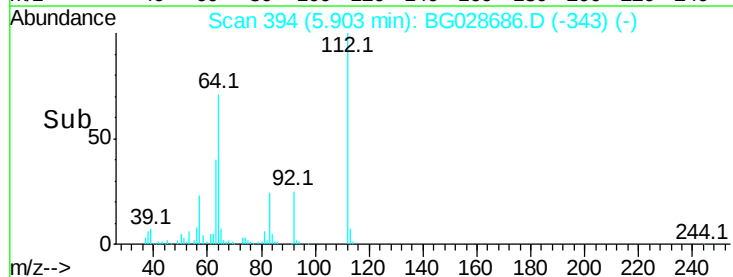
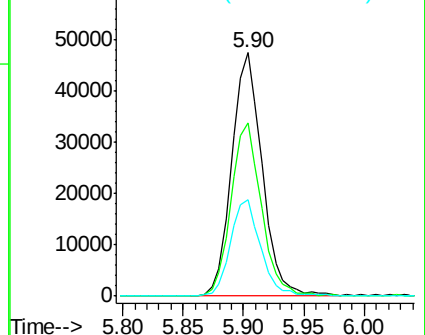
63 39.7 37.2 55.8

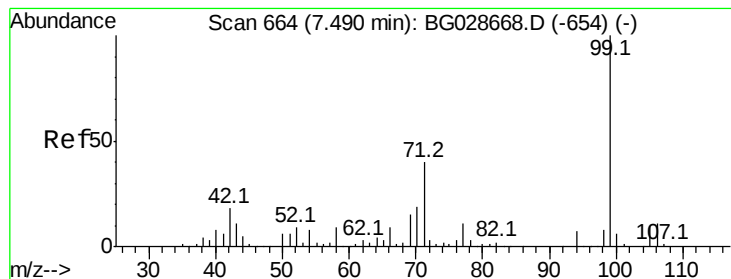


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.665 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

FB-01-090817

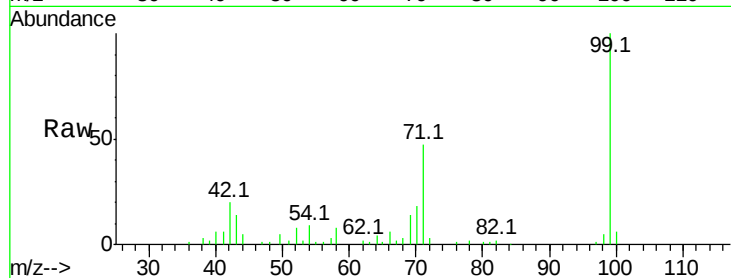
Tot Ion: 99 Resp: 65456

Ion Ratio Lower Upper

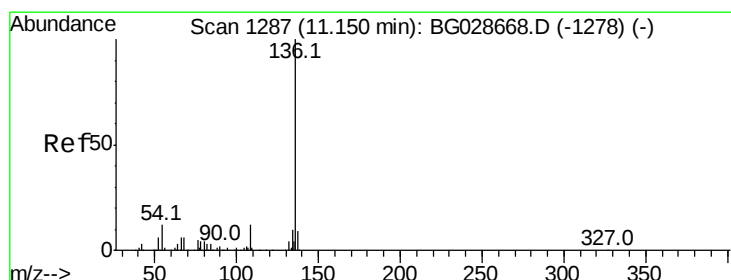
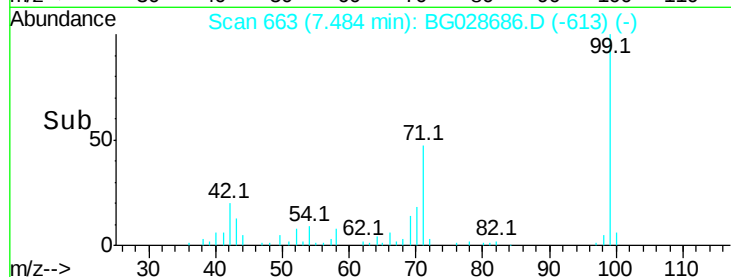
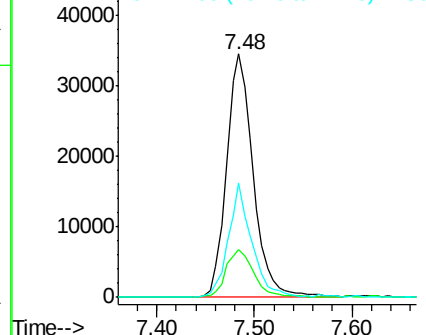
99 100

42 19.6 20.5 30.7#

71 46.9 37.6 56.4



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: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion: 136 Resp: 92111

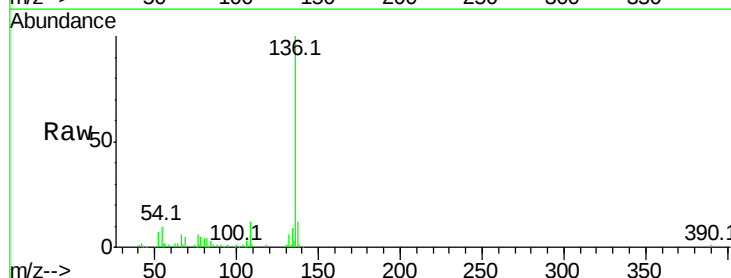
Ion Ratio Lower Upper

136 100

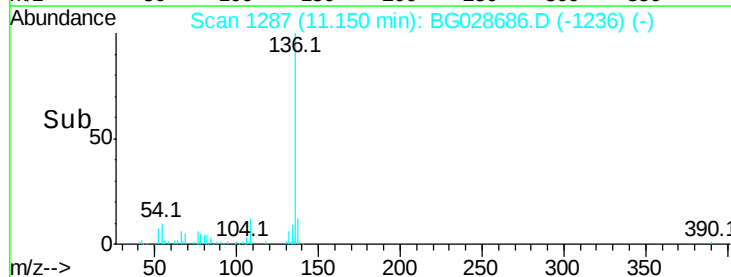
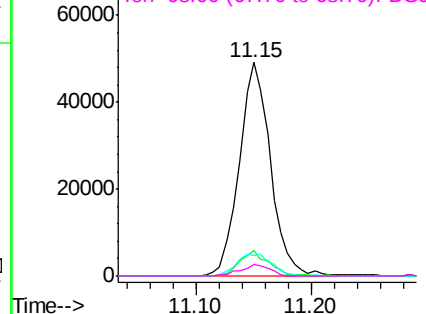
137 12.2 8.9 13.3

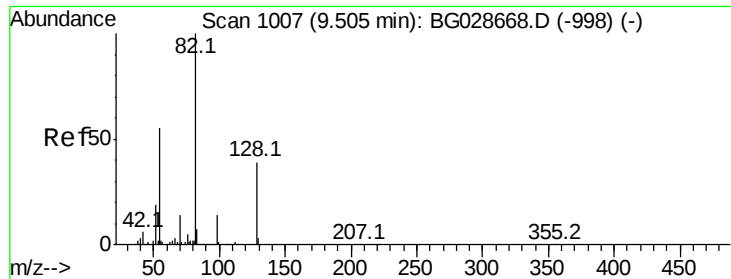
54 9.9 9.3 13.9

68 5.2 5.1 7.7



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

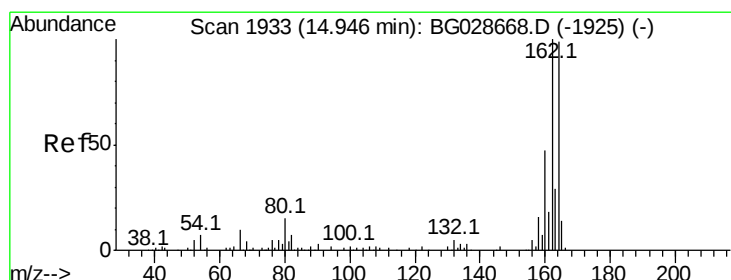
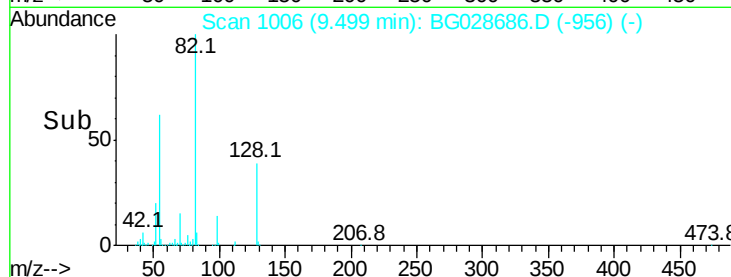
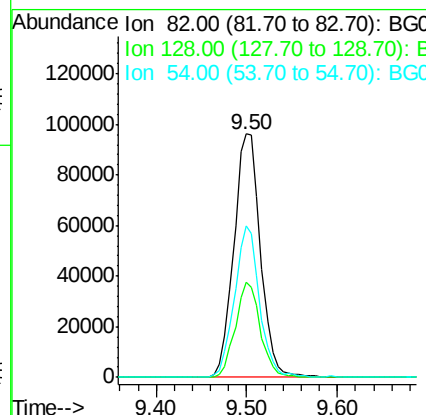
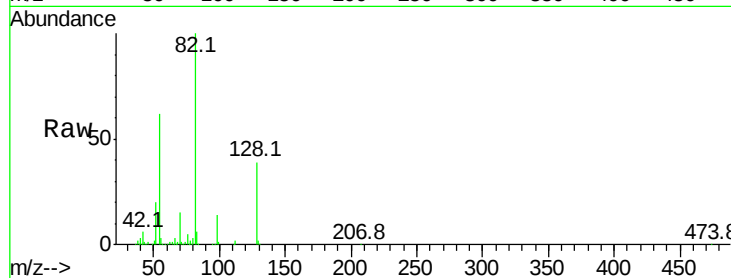




#23
 Nitrobenzene-d5
 Concen: 102.363 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

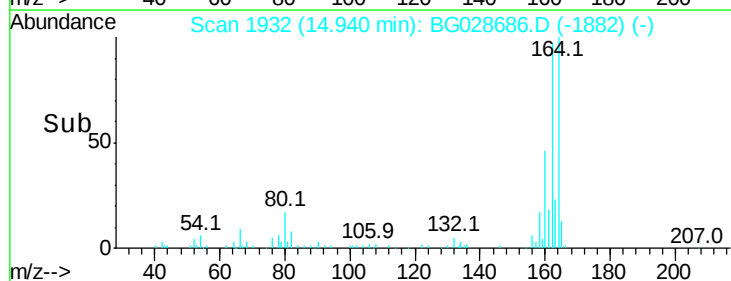
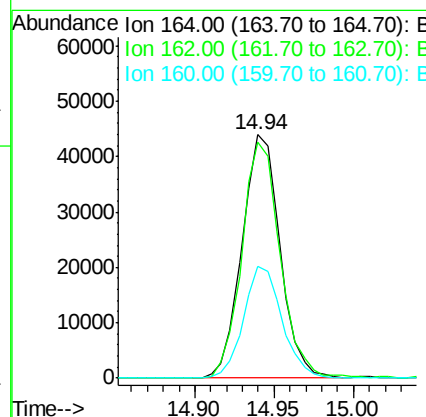
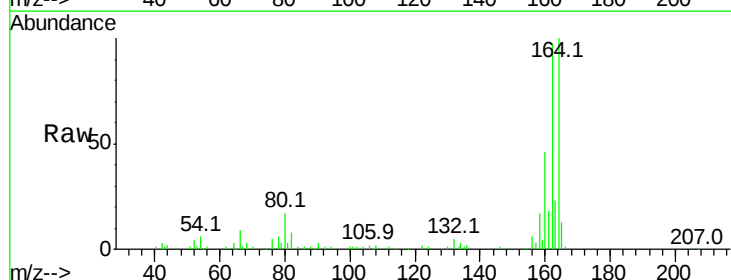
Instrument :
 BNA_G
 ClientSampleId :
 FB-01-090817

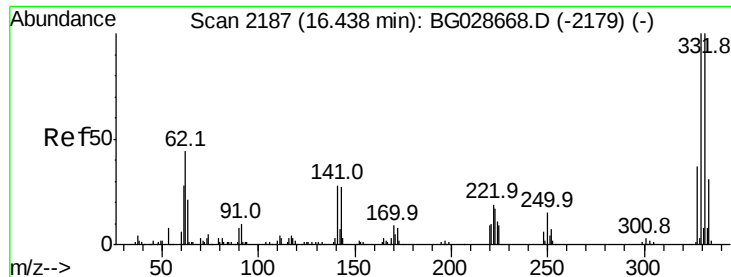
Tot Ion	82	Resp	197101
Ion Ratio	100	Lower	Upper
128	39.0	26.4	39.6
54	62.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

Tgt Ion	164	Resp	73148
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	96.7	85.1	127.7
160	45.9	34.7	52.1

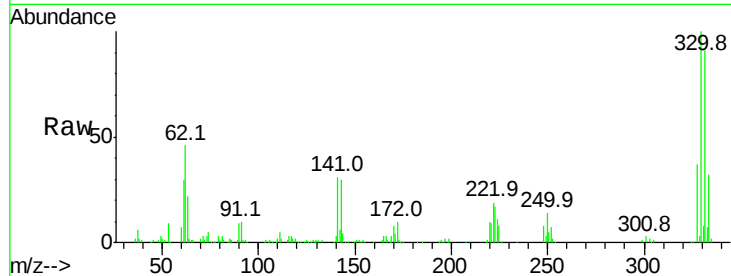




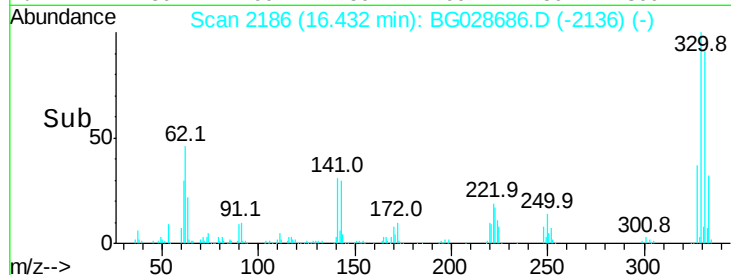
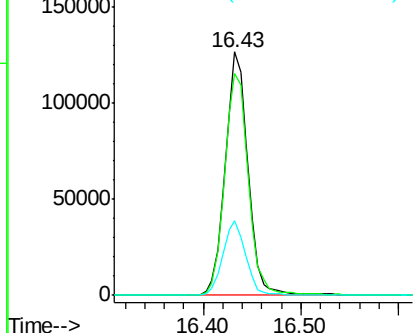
#41
 2,4,6-Tribromophenol
 Concen: 169.035 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

Instrument :
 BNA_G
 ClientSampleId :
 FB-01-090817

Tot Ion:330 Resp: 204503
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 31.0 32.1 48.1#

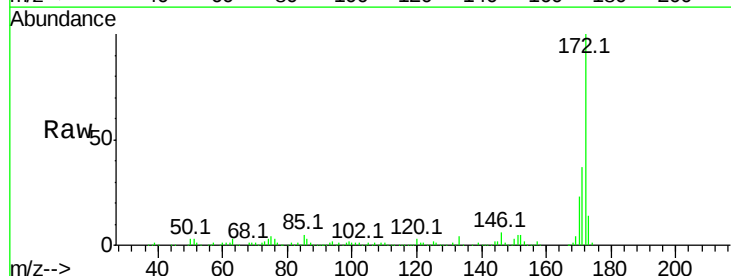


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

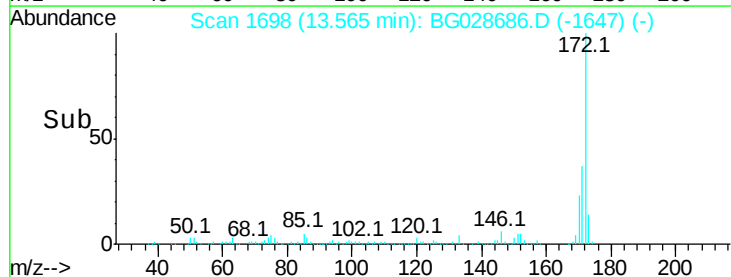
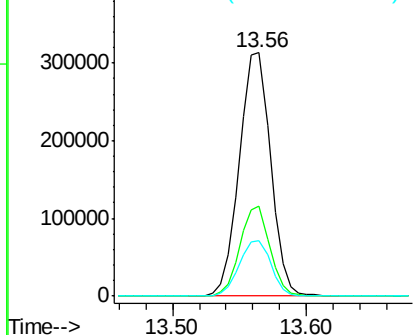


#44
 2-Fluorobiphenyl
 Concen: 92.962 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG028686.D
 Acq: 13 Sep 2017 1:46

Tgt Ion:172 Resp: 509966
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 22.8 21.8 32.6



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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

FB-01-090817

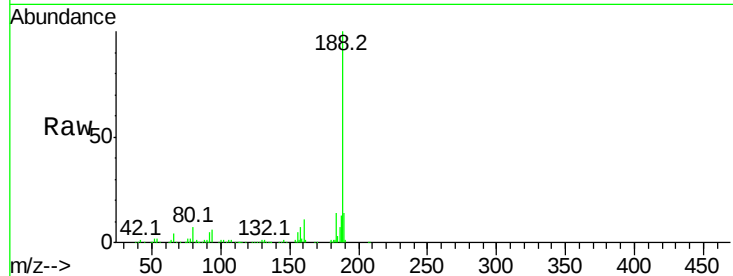
Tot Ion:188 Resp: 218924

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

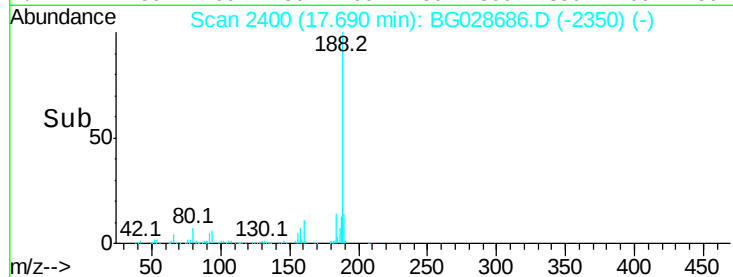
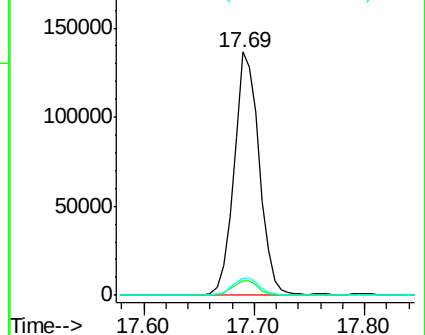
80 6.8 7.5 11.3#



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: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

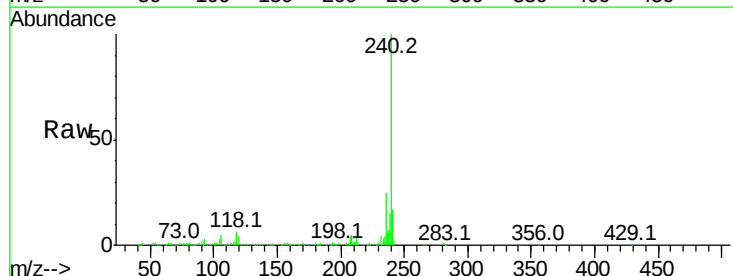
Tgt Ion:240 Resp: 247643

Ion Ratio Lower Upper

240 100

120 4.2 5.7 8.5#

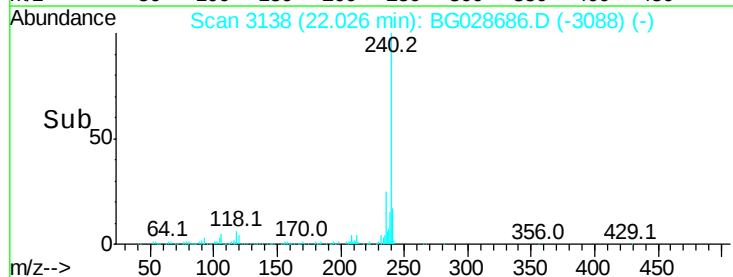
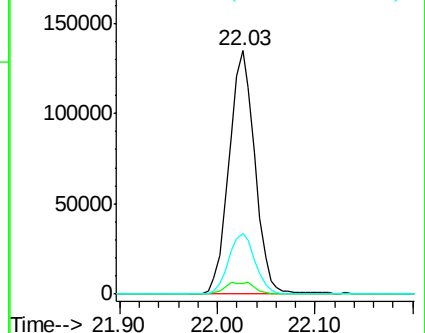
236 24.9 22.2 33.4

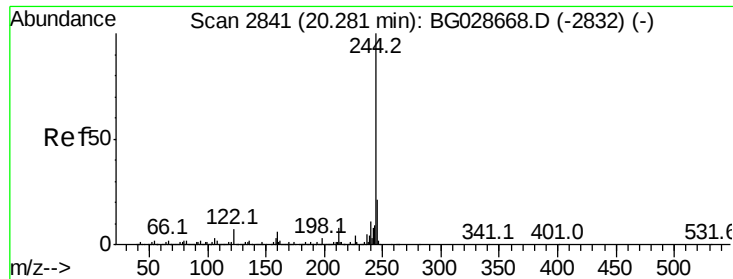


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.697 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Instrument :

BNA_G

ClientSampleId :

FB-01-090817

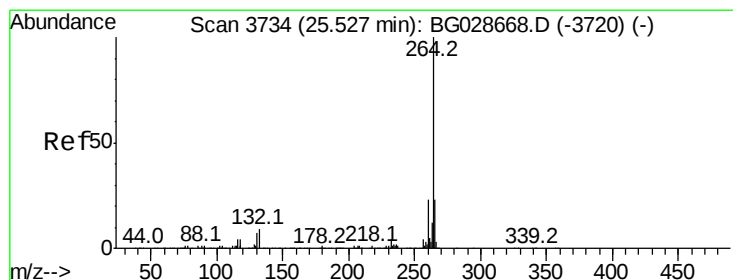
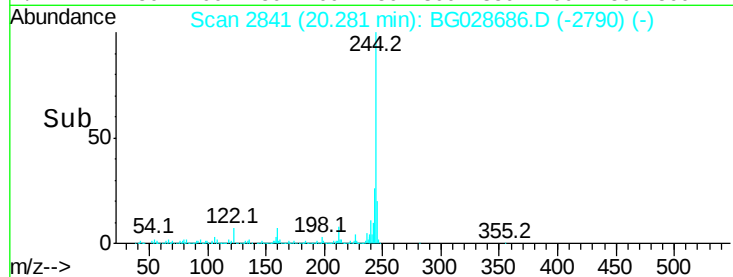
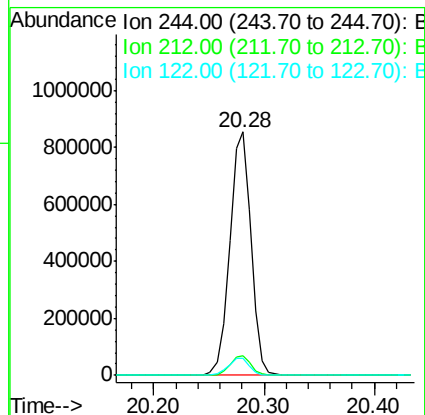
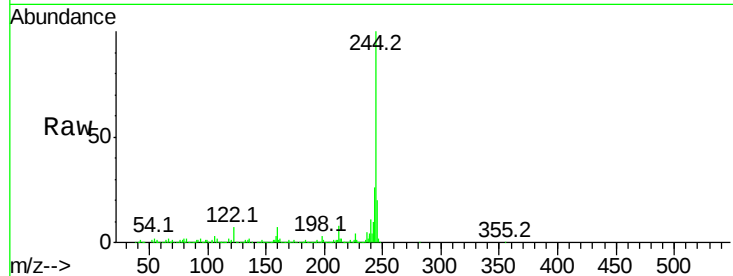
Tot Ion:244 Resp: 1146112

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 7.1 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028686.D

Acq: 13 Sep 2017 1:46

Tgt Ion:264 Resp: 253003

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 22.8 18.2 27.4

