

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028808.D
 Acq On : 18 Sep 2017 23:38
 Operator : SJ/JU
 Sample : I5259-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-A

Quant Time: Sep 19 04:18:57 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

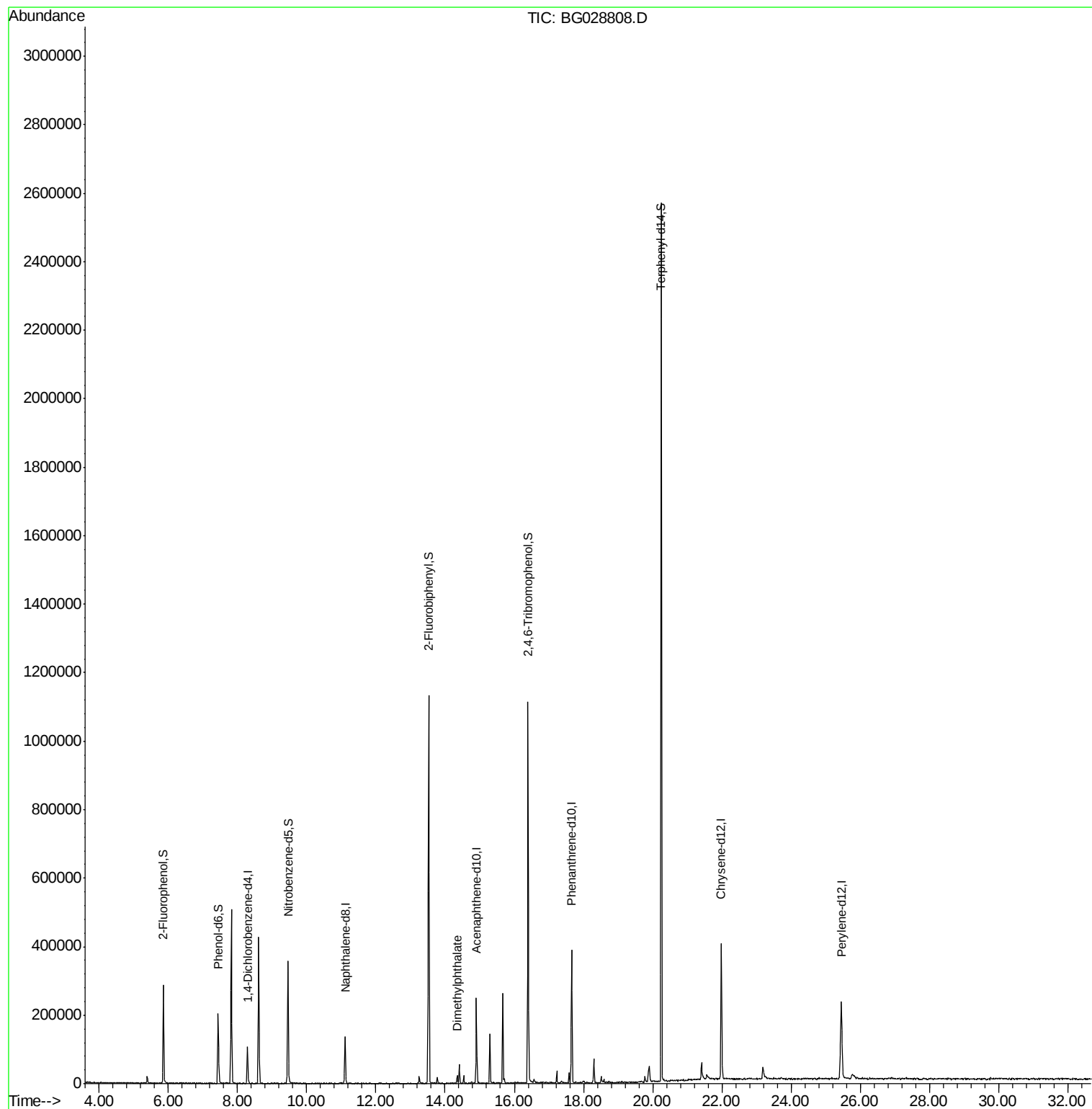
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	29119	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	122365	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	94149	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	260329	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	286942	20.00	ng	-0.05
86) Perylene-d12	25.45	264	295022	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	123986	70.26	ng	-0.04
7) Phenol-d6	7.44	99	122444	46.08	ng	-0.05
23) Nitrobenzene-d5	9.46	82	232888	91.05	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	243023	156.07	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	622826	88.21	ng	-0.04
78) Terphenyl-d14	20.25	244	1180701	87.75	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.35	163	17509	2.218	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

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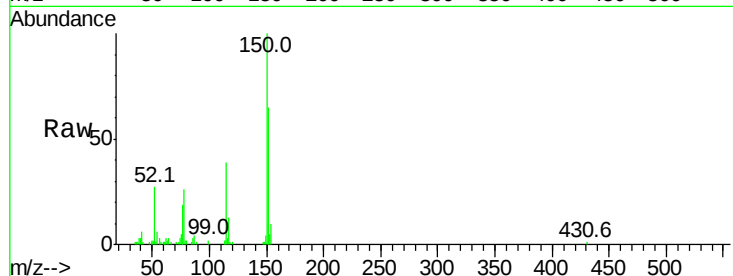
Tot Ion:152 Resp: 29119

Ion Ratio Lower Upper

152 100

150 153.2 114.0 171.0

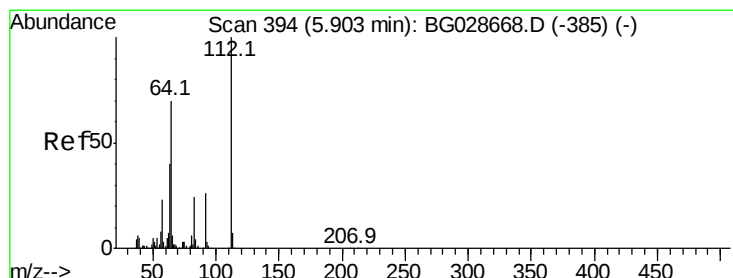
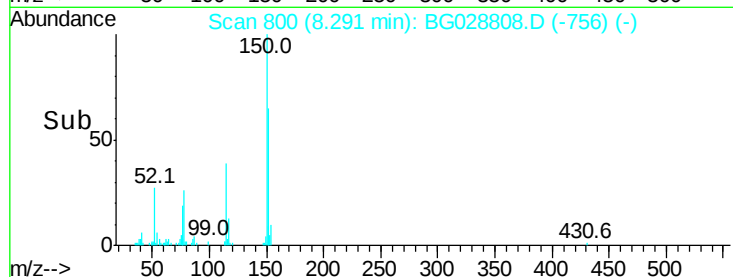
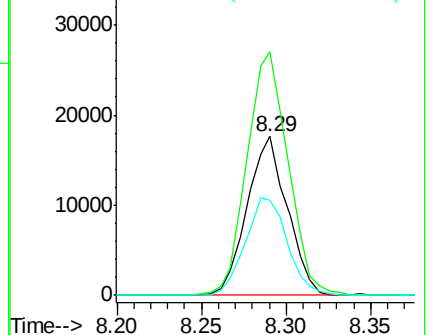
115 60.0 48.1 72.1



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: 70.258 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

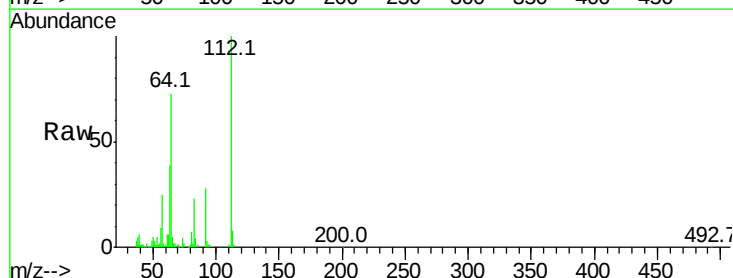
Tgt Ion:112 Resp: 123986

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

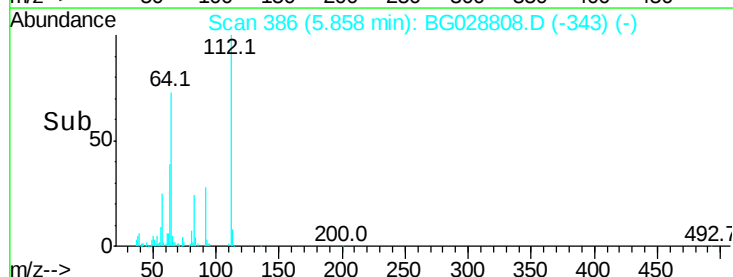
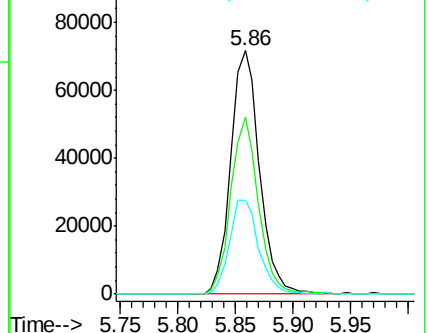
63 38.6 37.2 55.8

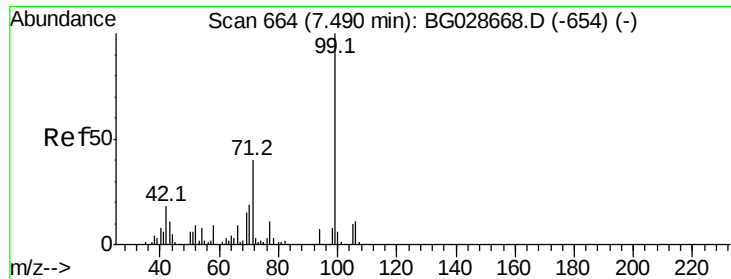


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.083 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

Instrument :

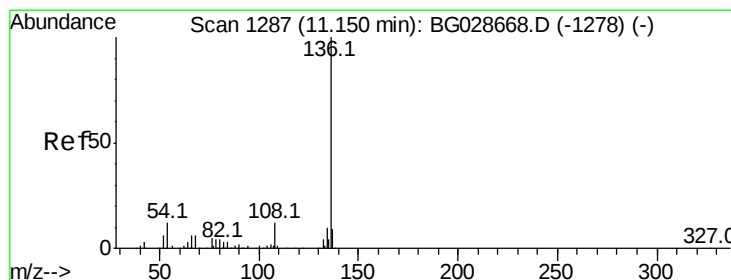
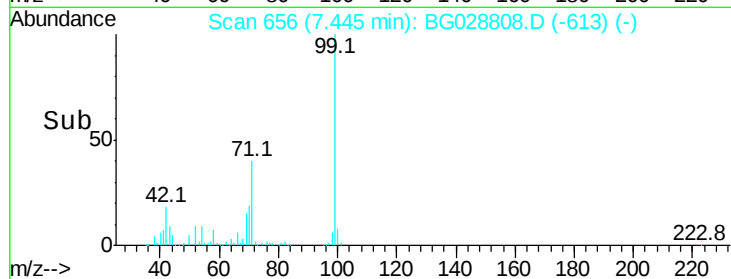
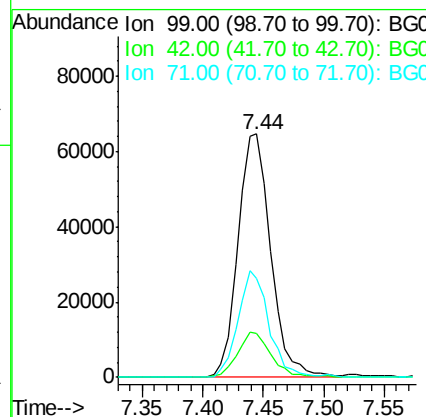
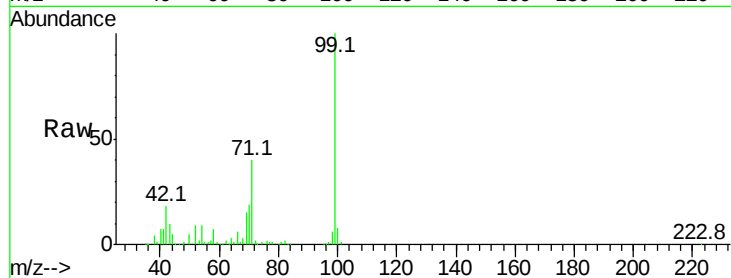
BNA_G

ClientSampleId :

20170600-COMP-A

Tot Ion: 99 Resp: 122444

Ion	Ratio	Lower	Upper
99	100		
42	18.2	20.5	30.7#
71	40.4	37.6	56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

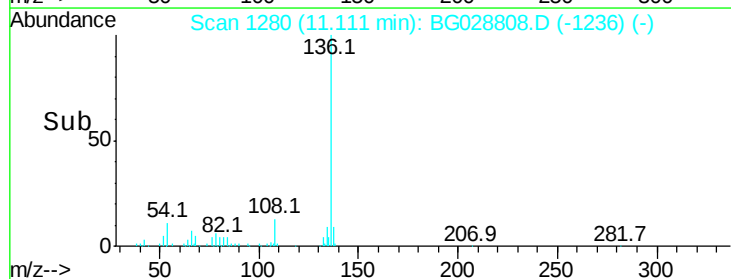
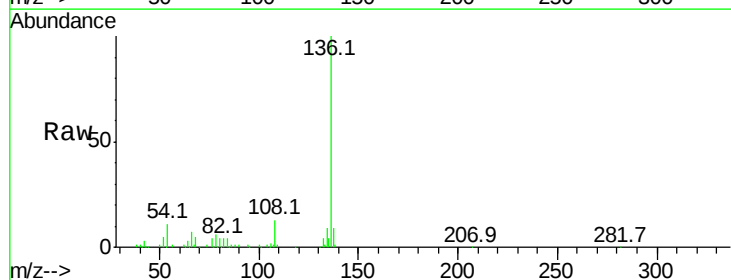
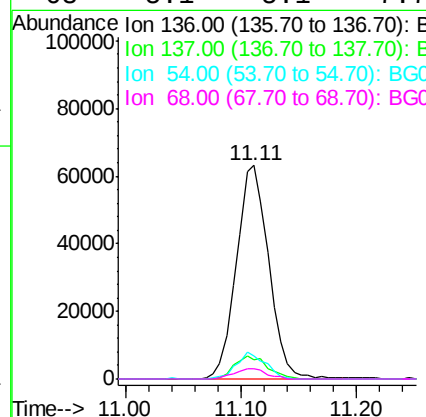
Delta R.T. -0.04 min

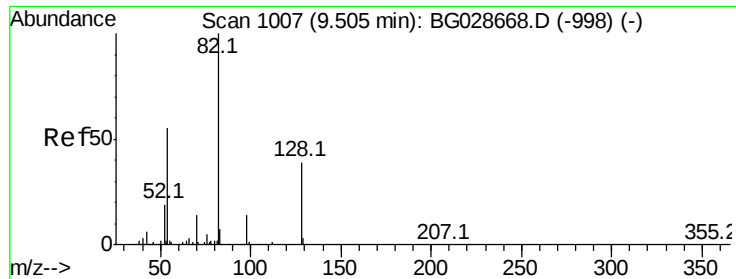
Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

Tgt Ion: 136 Resp: 122365

Ion	Ratio	Lower	Upper
136	100		
137	8.8	8.9	13.3#
54	10.9	9.3	13.9
68	5.1	5.1	7.7#

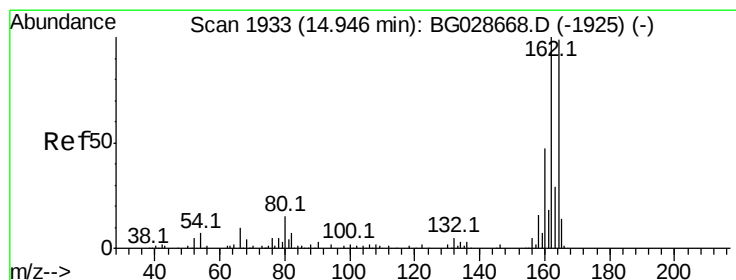
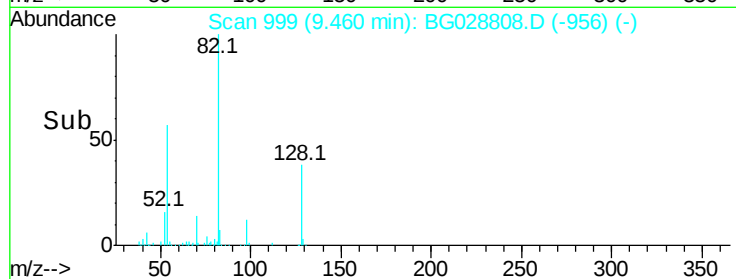
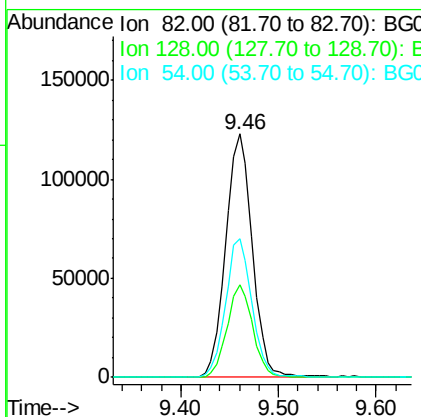
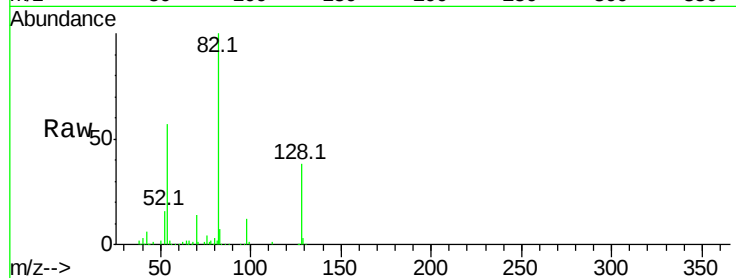




#23
Nitrobenzene-d5
Concen: 91.045 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028808.D
Acq: 18 Sep 2017 23:38

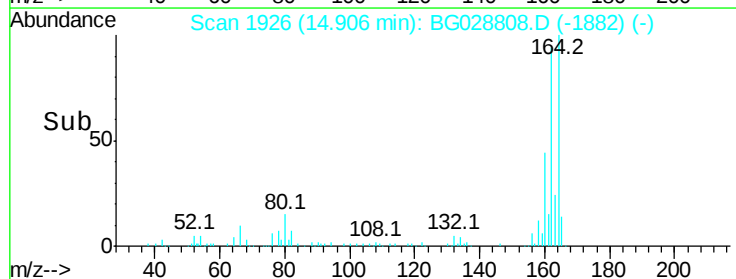
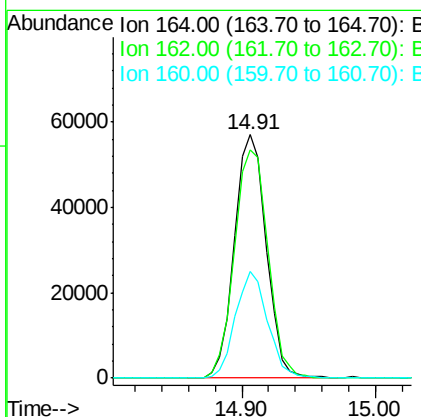
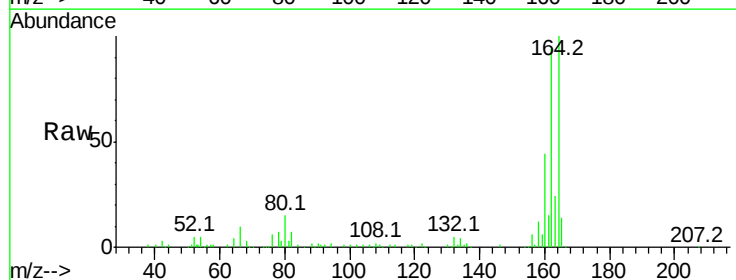
Instrument :
BNA_G
ClientSampleId :
20170600-COMP-A

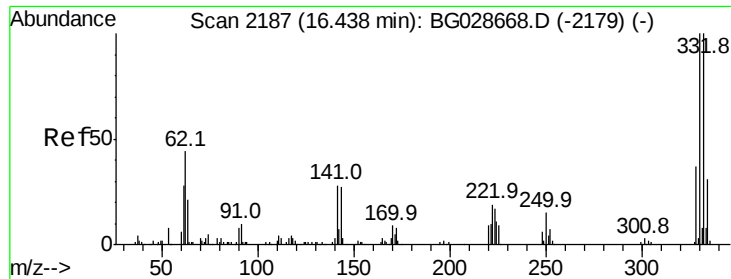
Tot Ion	82	Resp	232888
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	57.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028808.D
Acq: 18 Sep 2017 23:38

Tgt Ion	164	Resp	94149
Ion	Ratio	Lower	Upper
164	100		
162	93.6	85.1	127.7
160	43.9	34.7	52.1

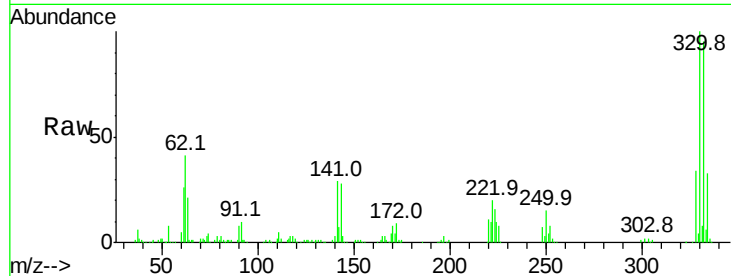




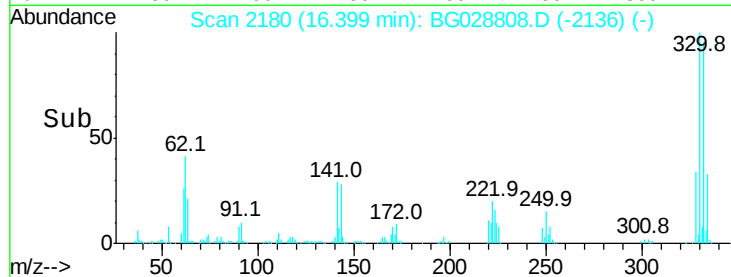
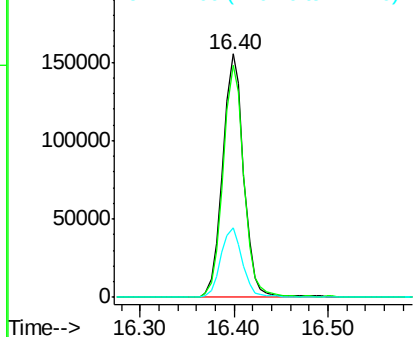
#41
 2,4,6-Tribromophenol
 Concen: 156.067 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028808.D
 Acq: 18 Sep 2017 23:38

Instrument :
 BNA_G
 ClientSampleId :
 20170600-COMP-A

Tot Ion:330 Resp: 243023
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 29.3 32.1 48.1#

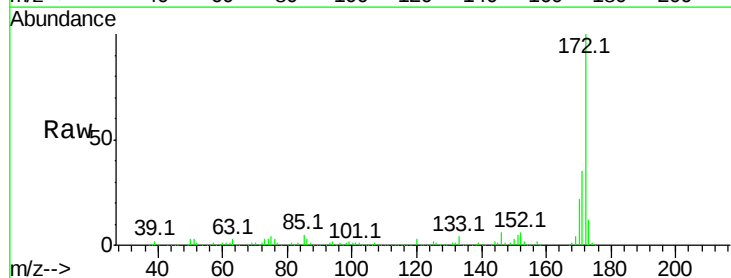


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

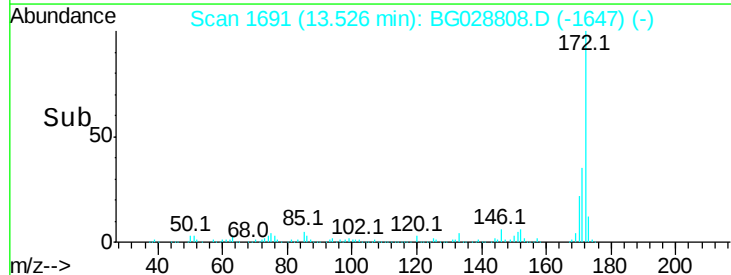
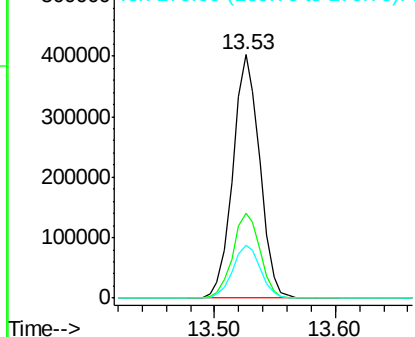


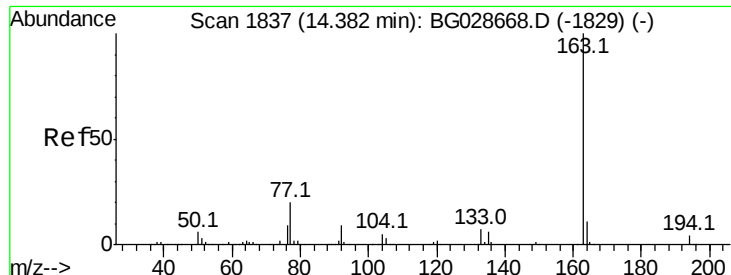
#44
 2-Fluorobiphenyl
 Concen: 88.210 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028808.D
 Acq: 18 Sep 2017 23:38

Tgt Ion:172 Resp: 622826
 Ion Ratio Lower Upper
 172 100
 171 35.1 32.2 48.2
 170 21.5 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





#49

Dimethylphthalate

Concen: 2.218 ng

RT: 14.35 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

Instrument :

BNA_G

ClientSampleId :

20170600-COMP-A

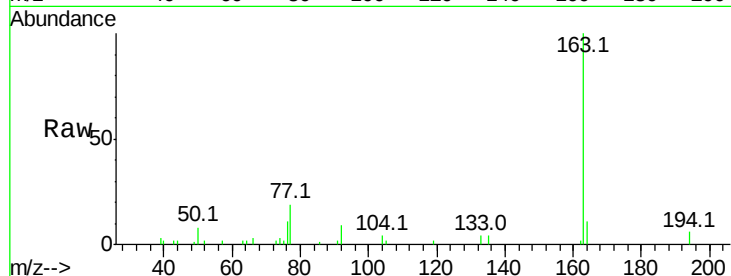
Tot Ion:163 Resp: 17509

Ion Ratio Lower Upper

163 100

194 5.6 3.8 5.6

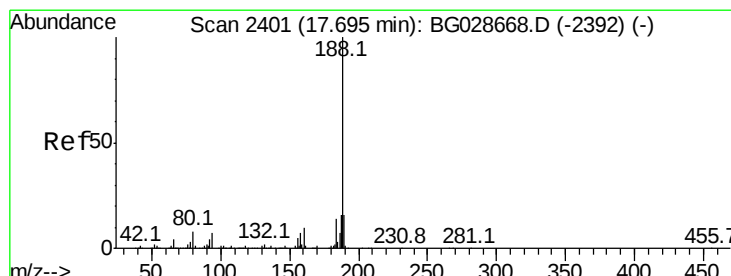
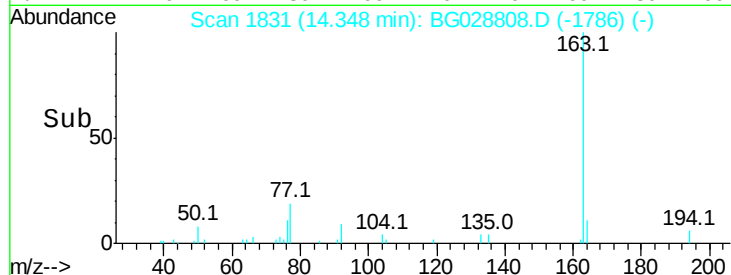
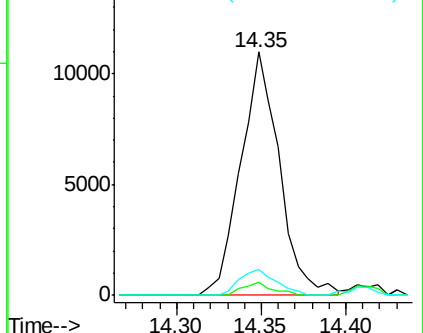
164 10.9 9.3 13.9



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: 20.000 ng

RT: 17.66 min Scan# 2394

Delta R.T. -0.04 min

Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

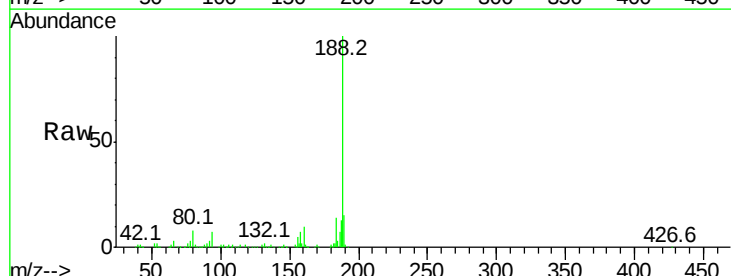
Tgt Ion:188 Resp: 260329

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

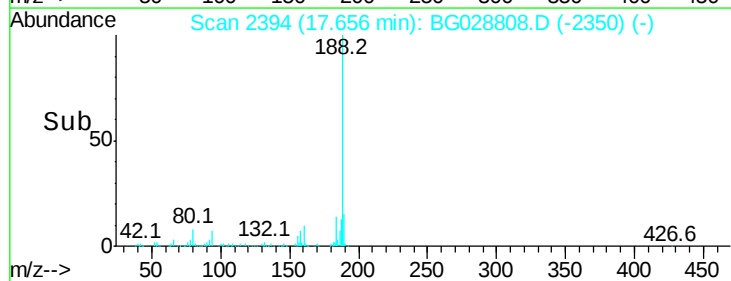
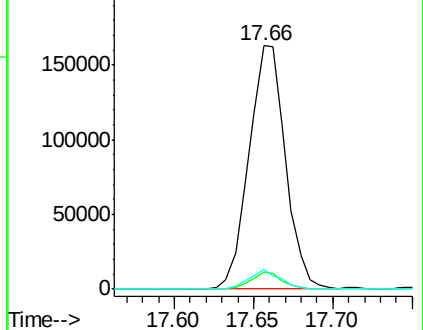
80 7.9 7.5 11.3



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: 21.98 min Scan# 3130

Delta R.T. -0.05 min

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Acq: 18 Sep 2017 23:38

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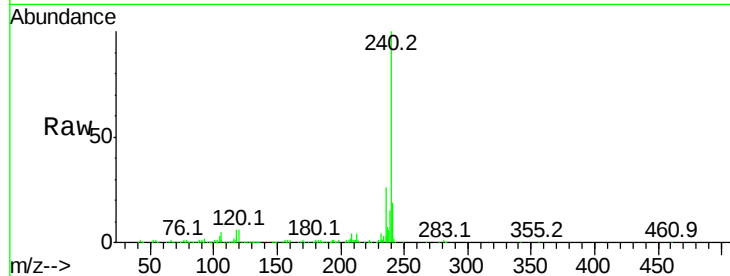
Tot Ion:240 Resp: 286942

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

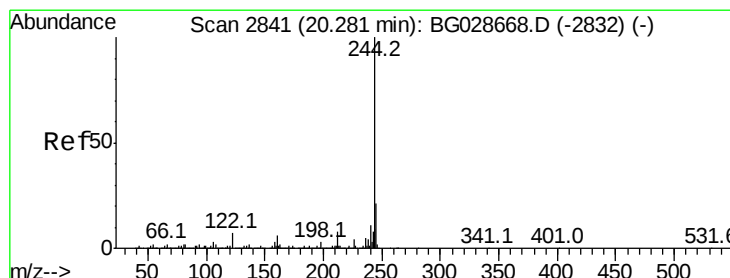
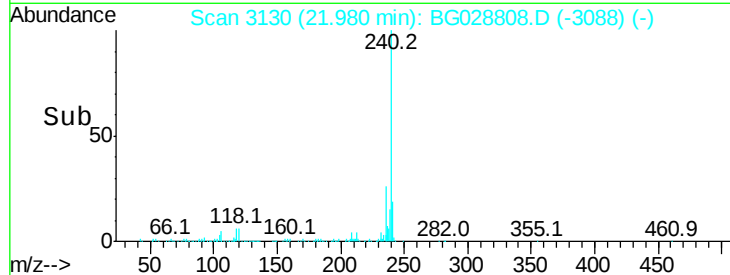
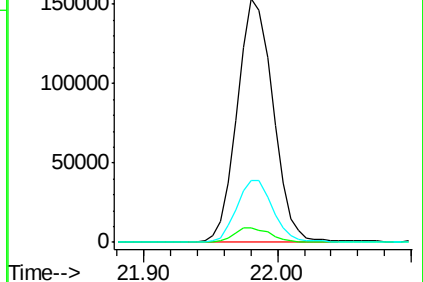
236 25.6 22.2 33.4



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: 87.750 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

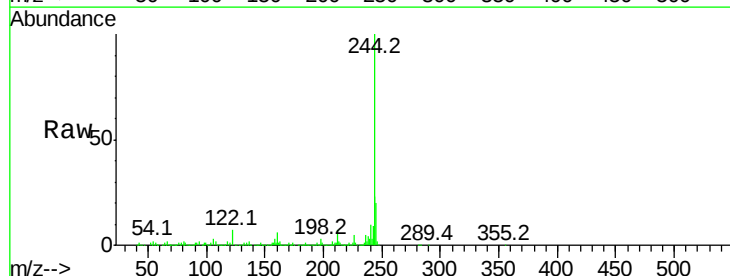
Tgt Ion:244 Resp: 1180701

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

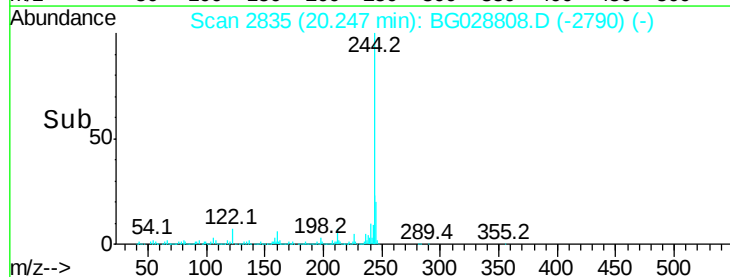
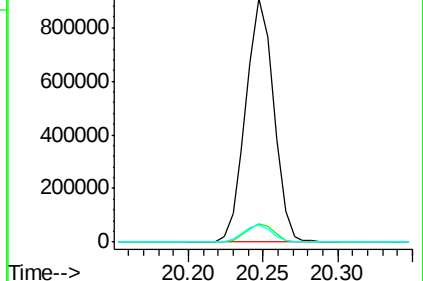
122 7.2 8.6 12.8#

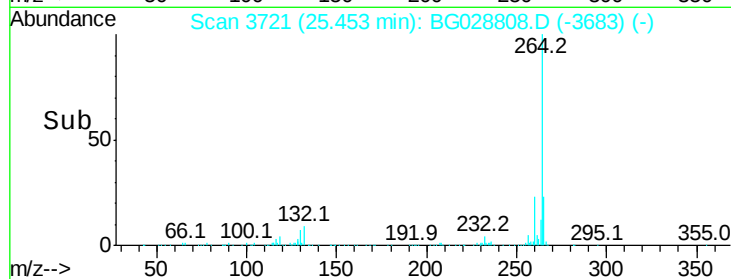
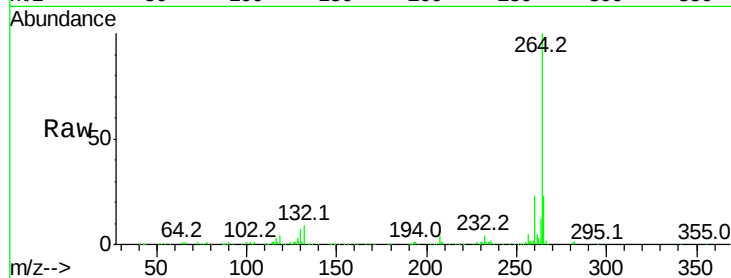
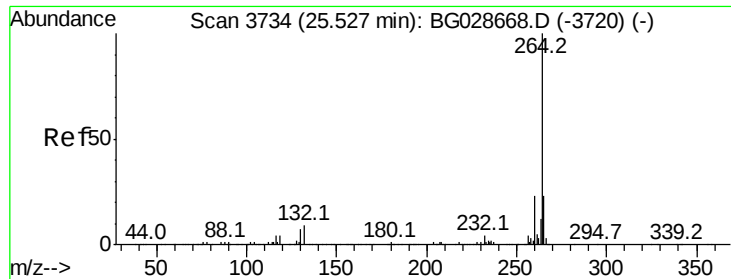


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.45 min Scan# 3721

Delta R.T. -0.07 min

Lab File: BG028808.D

Acq: 18 Sep 2017 23:38

Instrument :

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ClientSampleId :

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Tot Ion:264 Resp: 295022

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 23.4 18.2 27.4

