

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034128.D
 Acq On : 2 May 2018 22:41
 Operator : SJ/JU
 Sample : J2157-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-E

Quant Time: May 03 05:24:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

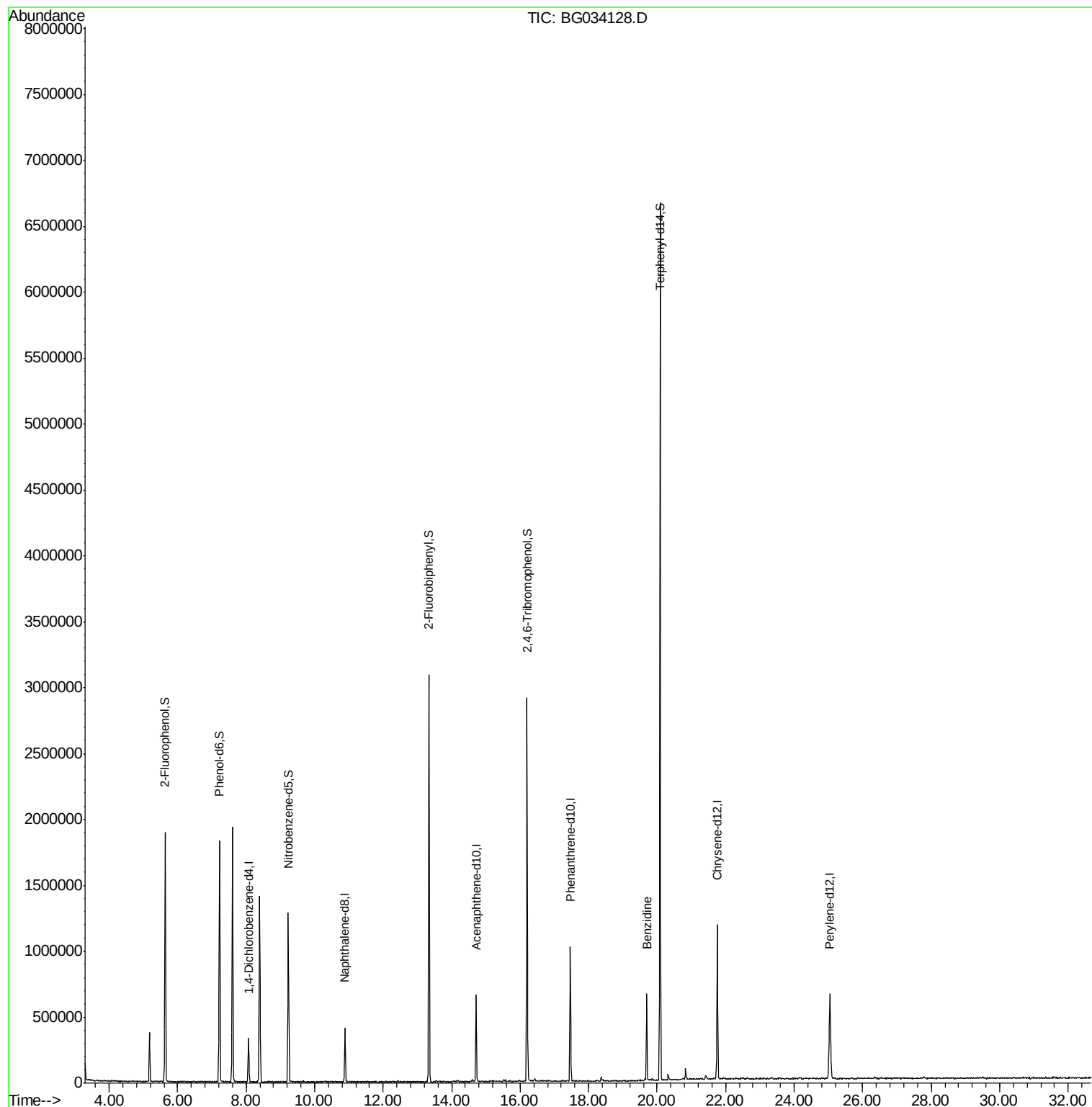
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	79358	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	297799	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	227243	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	626492	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	716649	20.00	ng	-0.01
86) Perylene-d12	25.04	264	711797	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	664016	135.19	ng	0.00
7) Phenol-d6	7.22	99	887083	116.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	773471	99.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	487199	154.83	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1521564	97.57	ng	-0.01
78) Terphenyl-d14	20.08	244	2904121	88.77	ng	-0.01
Target Compounds						
76) Benzidine	19.70	184	332922	18.035	ng	Qvalue 99

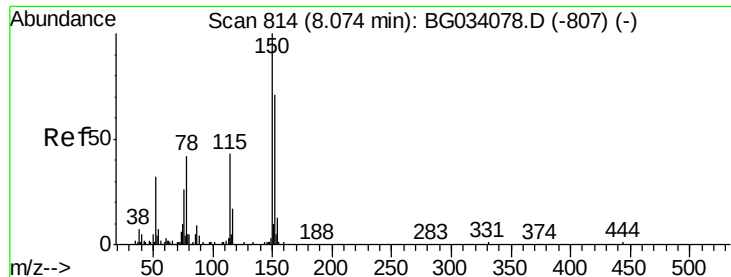
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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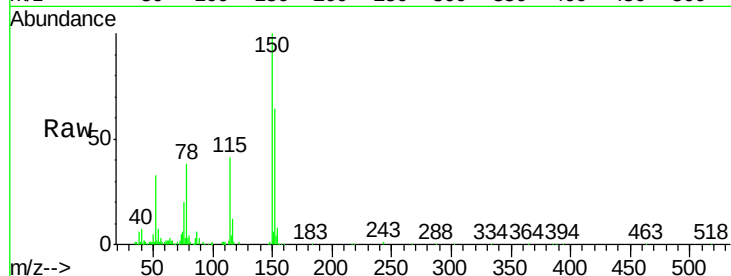


#1

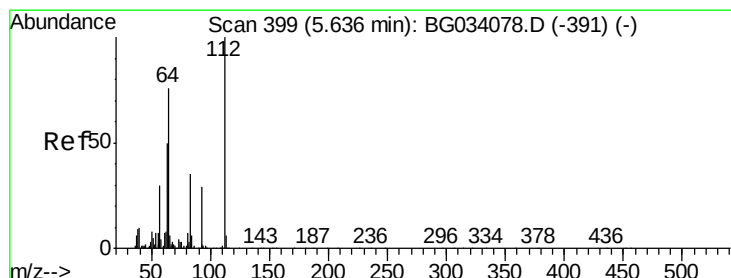
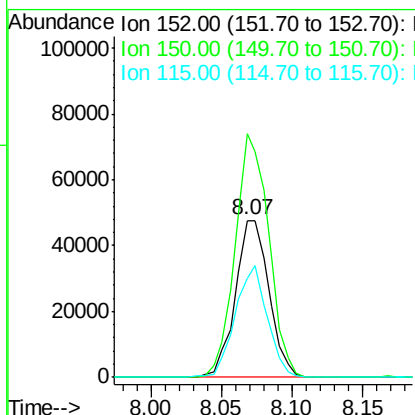
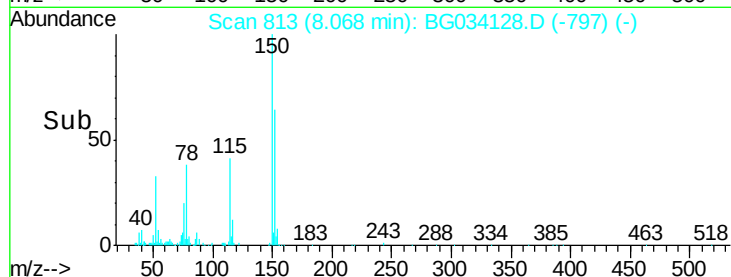
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034128.D
Acq: 2 May 2018 22:41

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-E

Tot Ion:152 Resp: 79358
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 63.3 53.0 79.4



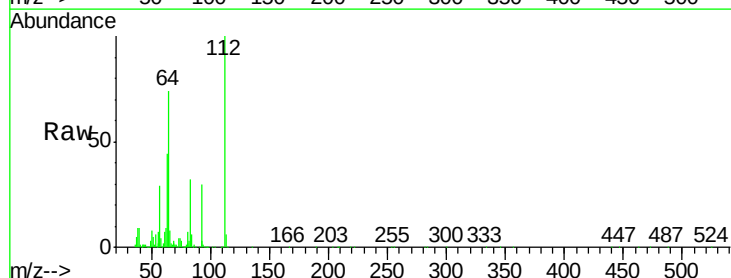
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



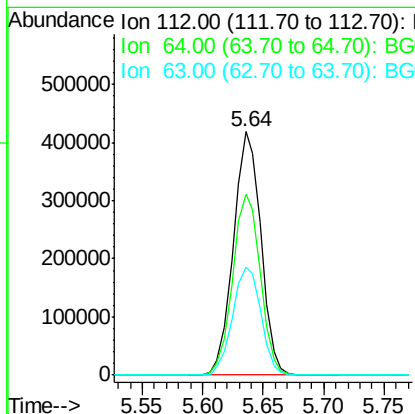
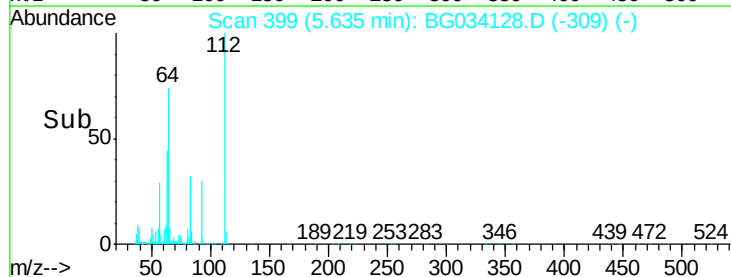
#5

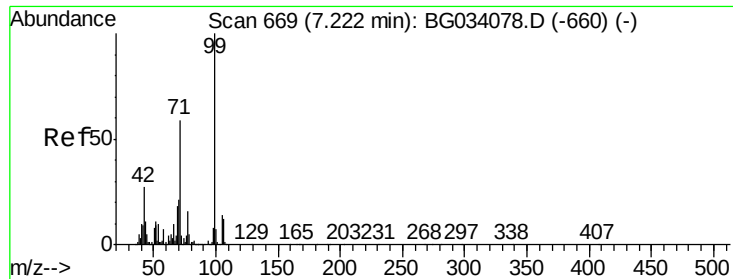
2-Fluorophenol
Concen: 135.185 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034128.D
Acq: 2 May 2018 22:41

Tgt Ion:112 Resp: 664016
Ion Ratio Lower Upper
112 100
64 74.2 56.3 84.5
63 44.4 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: 116.006 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-E

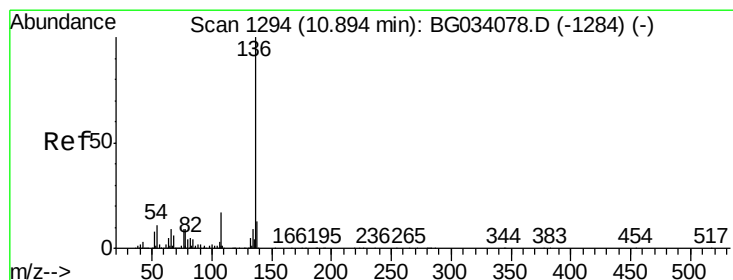
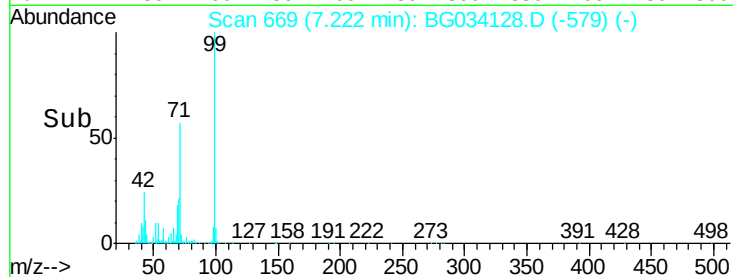
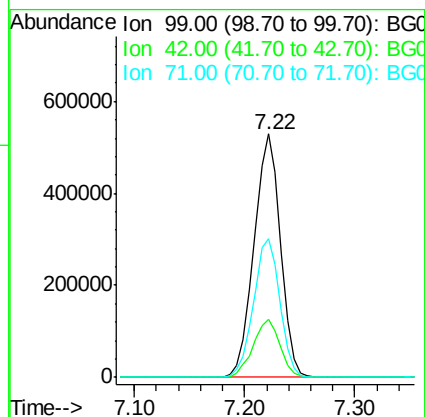
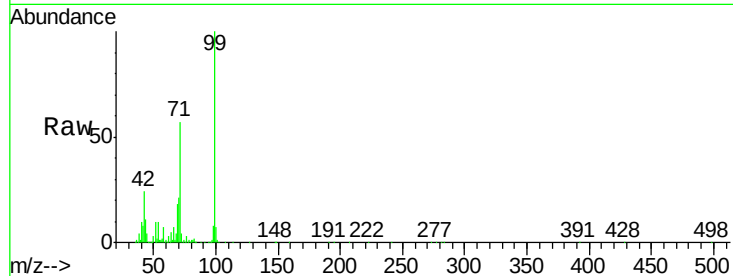
Tot Ion: 99 Resp: 887083

Ion Ratio Lower Upper

99 100

42 23.7 14.1 21.1#

71 56.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

Tgt Ion: 136 Resp: 297799

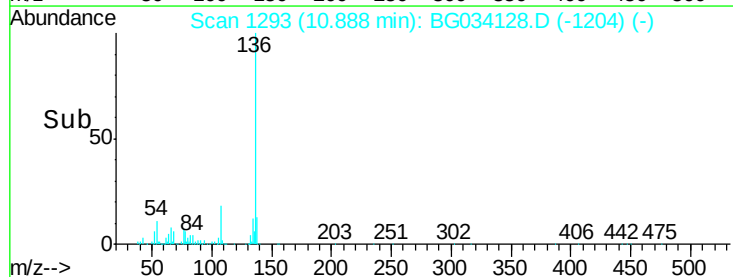
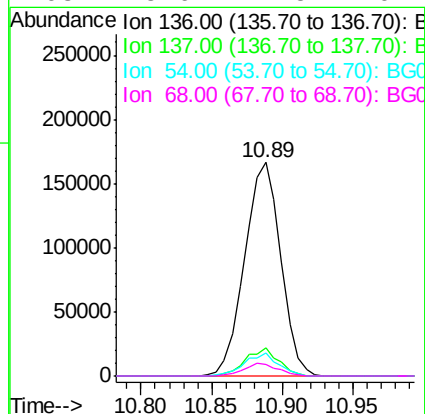
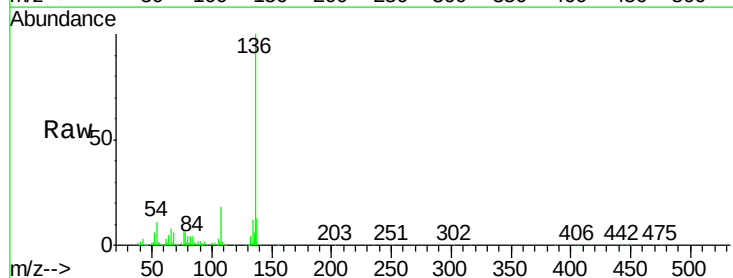
Ion Ratio Lower Upper

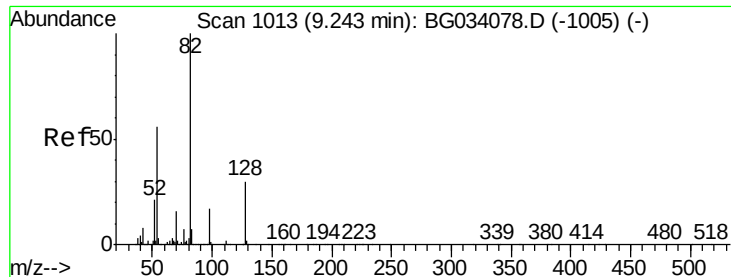
136 100

137 13.1 9.2 13.8

54 10.8 10.3 15.5

68 5.6 4.5 6.7

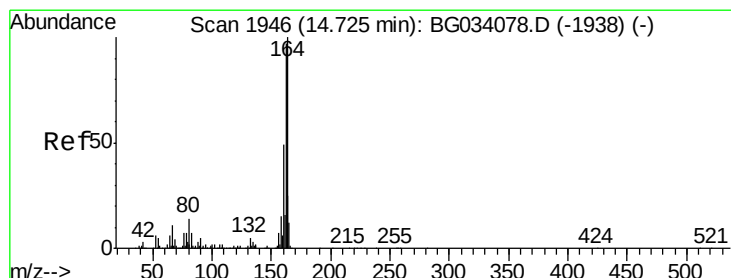
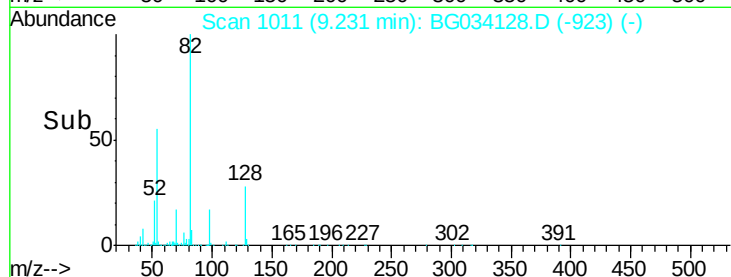
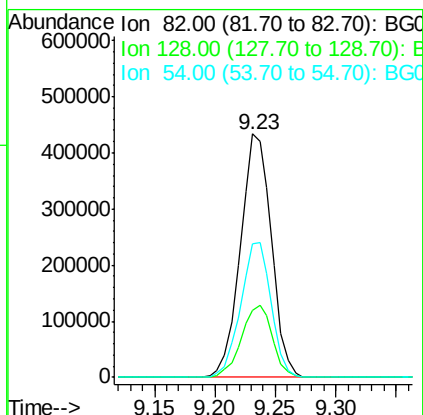
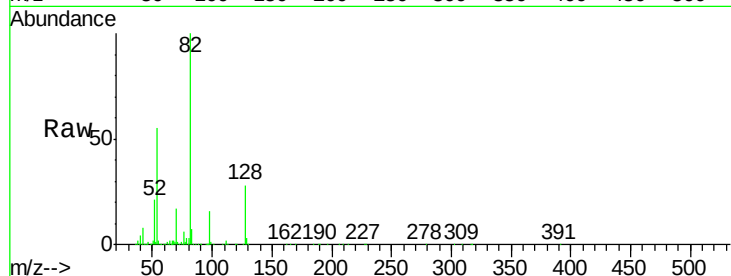




#23
 Nitrobenzene-d5
 Concen: 99.653 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG034128.D
 Acq: 2 May 2018 22:41

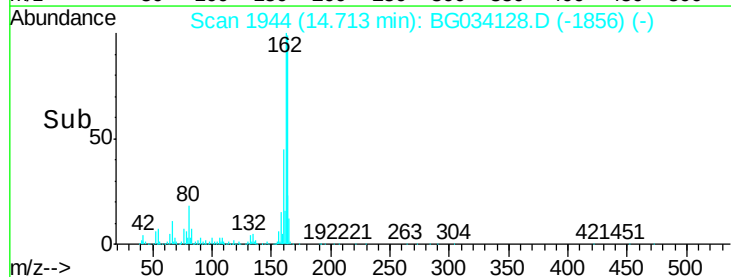
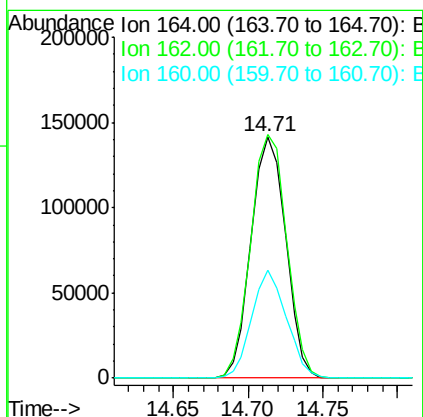
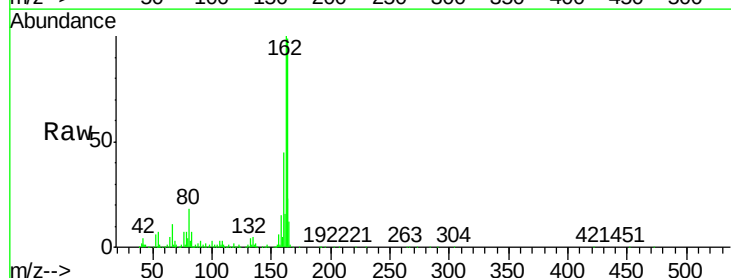
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-E

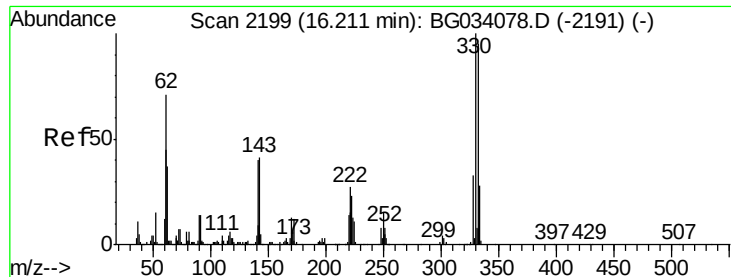
Tot Ion	82	Resp	773471
Ion Ratio	100	Lower	Upper
128	27.5	29.7	44.5#
54	54.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034128.D
 Acq: 2 May 2018 22:41

Tgt Ion	164	Resp	227243
Ion Ratio	100	Lower	Upper
162	101.0	78.8	118.2
160	45.0	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 154.831 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-E

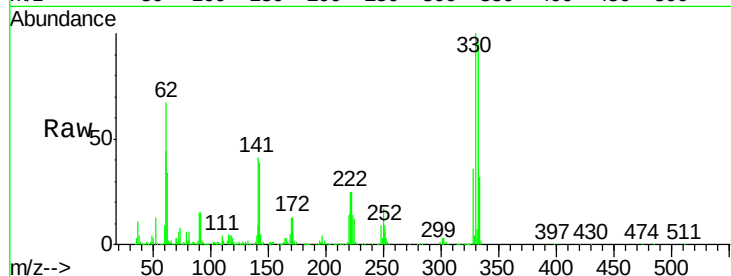
Tot Ion:330 Resp: 487199

Ion Ratio Lower Upper

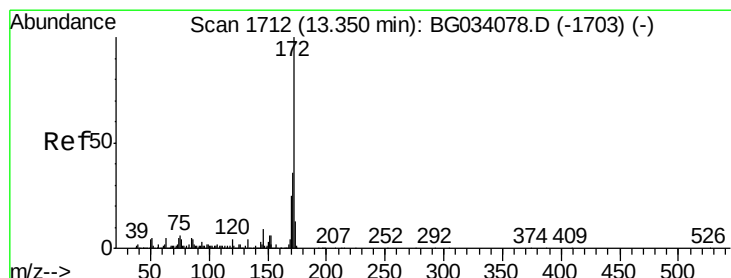
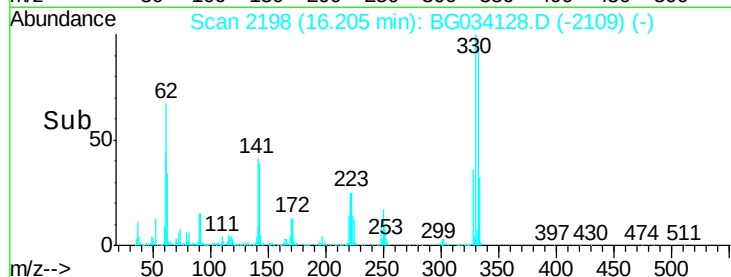
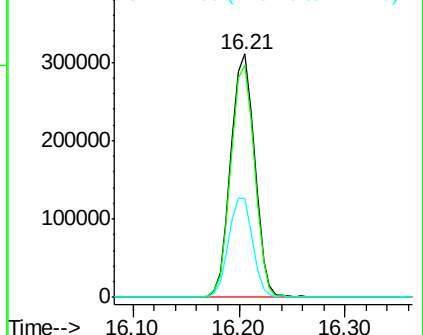
330 100

332 94.4 77.0 115.6

141 40.8 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: 97.568 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

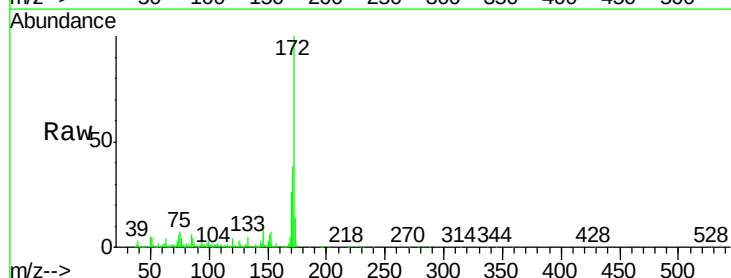
Tgt Ion:172 Resp: 1521564

Ion Ratio Lower Upper

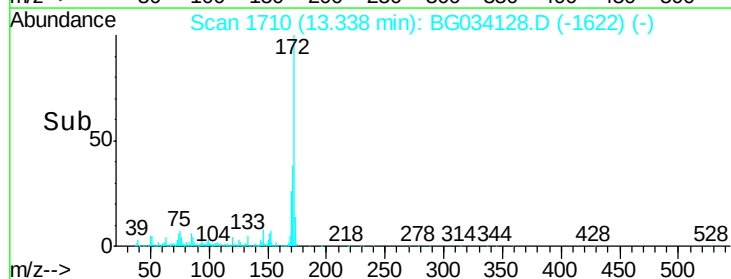
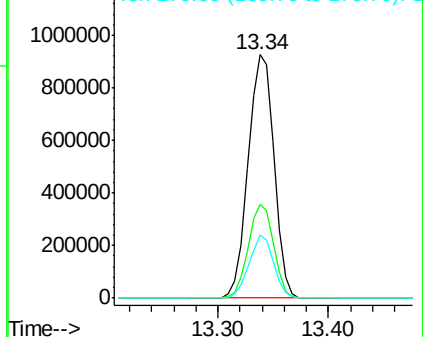
172 100

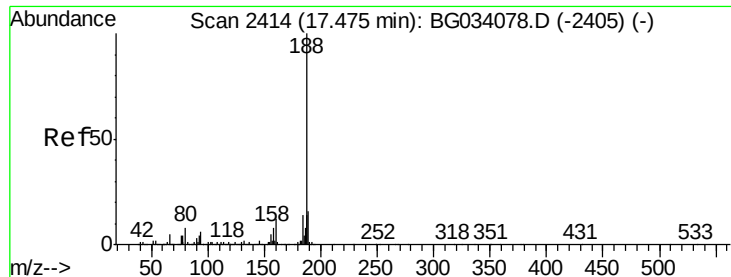
171 38.3 30.0 45.0

170 25.9 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-E

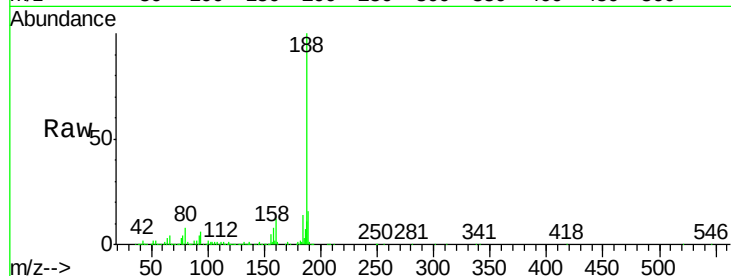
Tot Ion:188 Resp: 626492

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

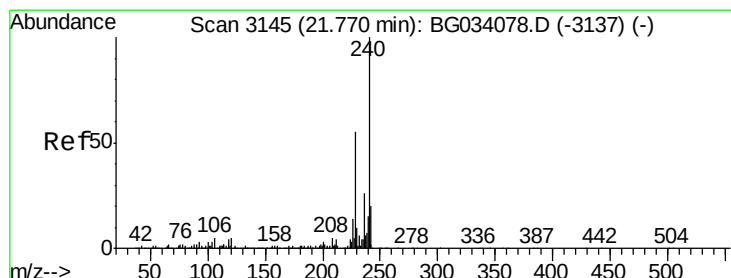
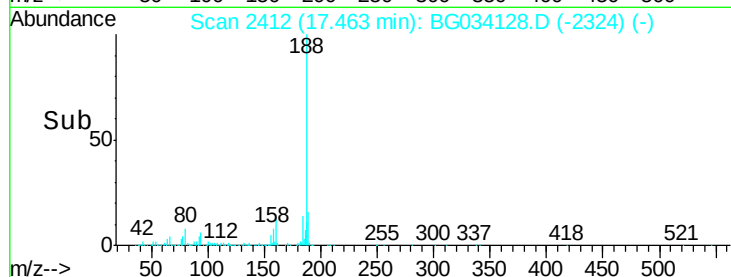
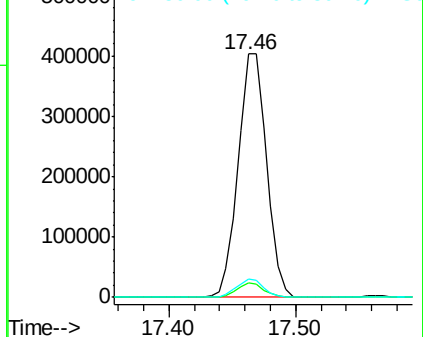
80 7.7 7.7 11.5



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: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

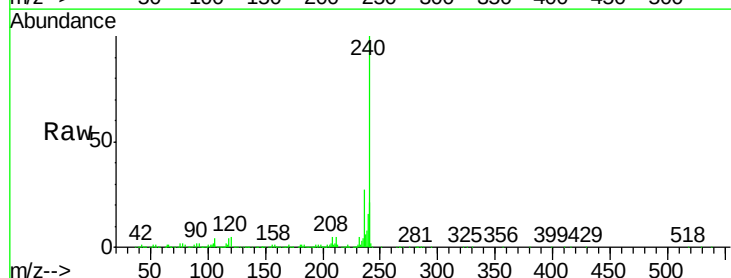
Tgt Ion:240 Resp: 716649

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

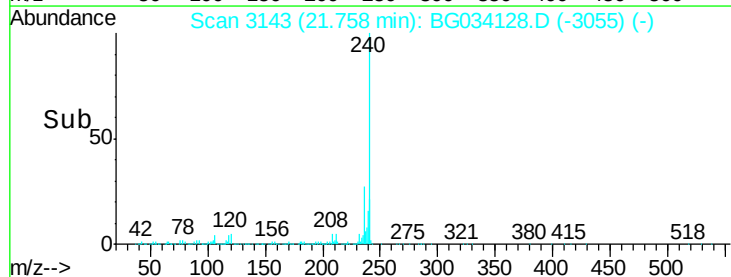
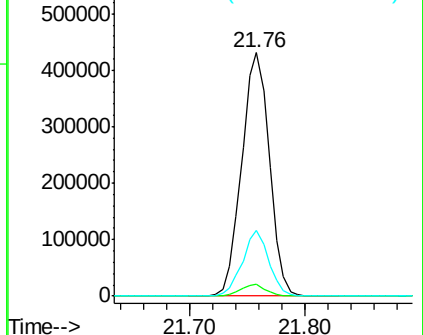
236 26.9 20.9 31.3

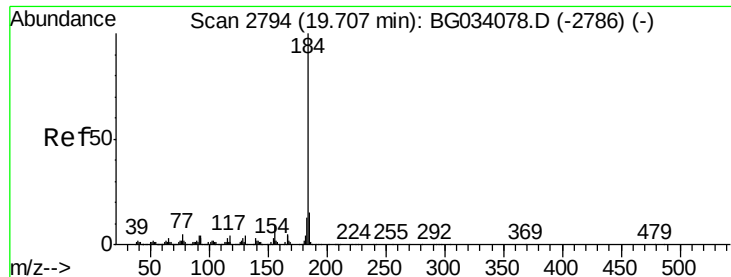


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.035 ng

RT: 19.70 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-E

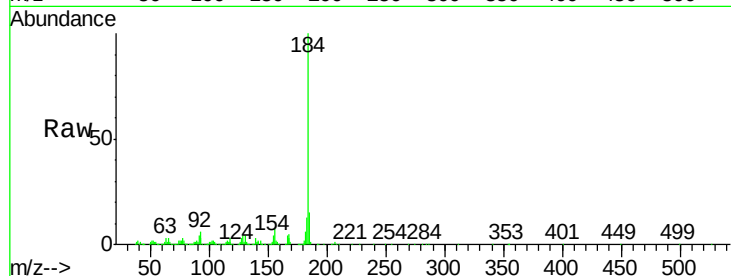
Tot Ion:184 Resp: 332922

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

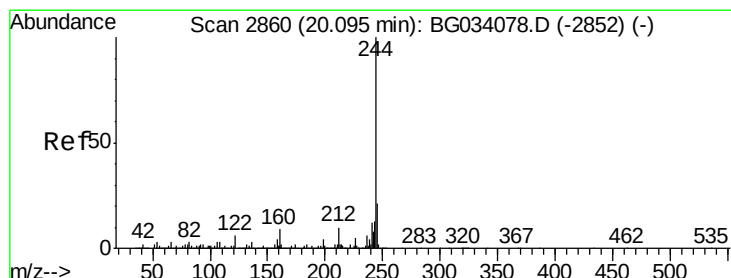
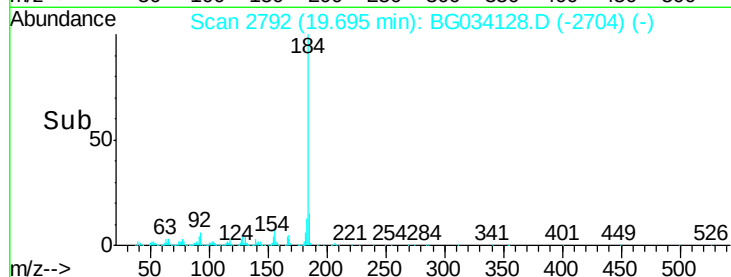
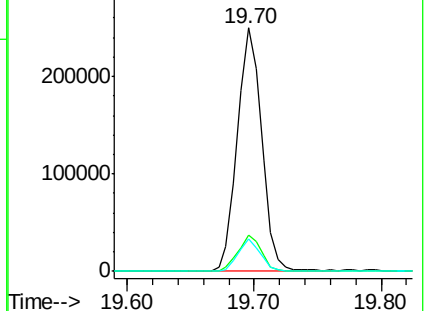
183 13.5 10.6 16.0



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: 88.774 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034128.D

Acq: 2 May 2018 22:41

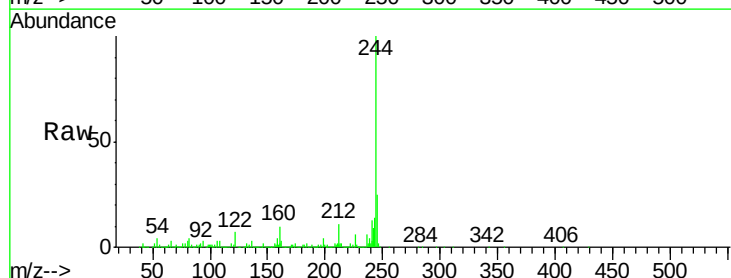
Tgt Ion:244 Resp: 2904121

Ion Ratio Lower Upper

244 100

212 10.7 5.8 8.8#

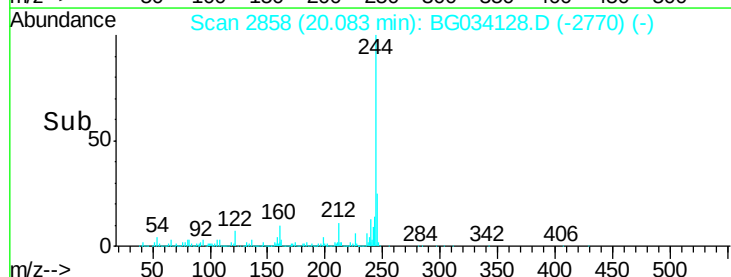
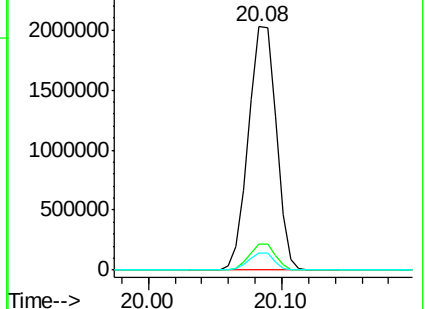
122 6.8 7.0 10.4#

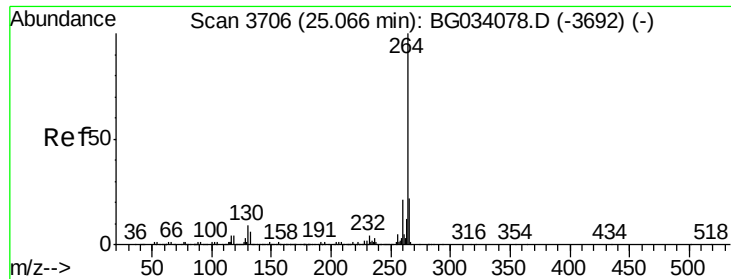


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG034128.D
Acq: 2 May 2018 22:41

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-E

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.1	17.7	26.5

