

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034145.D
 Acq On : 3 May 2018 10:47
 Operator : SJ/JU
 Sample : J2667-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 155-348-281

Quant Time: May 03 12:03:49 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

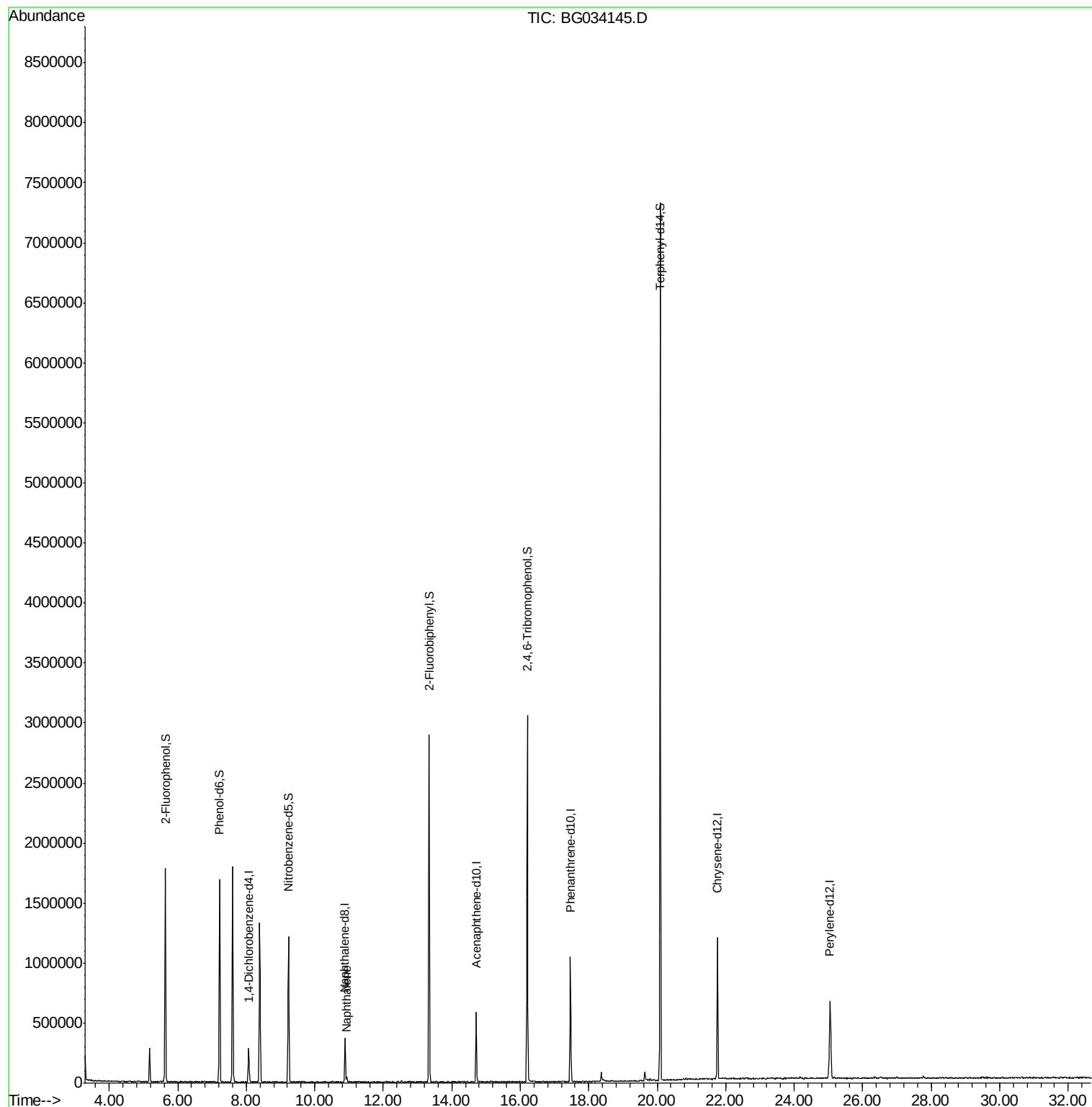
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68128	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	260059	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	197808	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	598257	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	736480	20.00	ng	-0.02
86) Perylene-d12	25.05	264	727204	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	619207	146.84	ng	0.00
7) Phenol-d6	7.22	99	858946	130.84	ng	0.00
23) Nitrobenzene-d5	9.23	82	706434	104.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	483365	176.47	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1422696	104.80	ng	-0.01
78) Terphenyl-d14	20.08	244	3166296	94.18	ng	-0.01
Target Compounds						
31) Naphthalene	10.93	128	30971	2.266	ng	Qvalue # 91

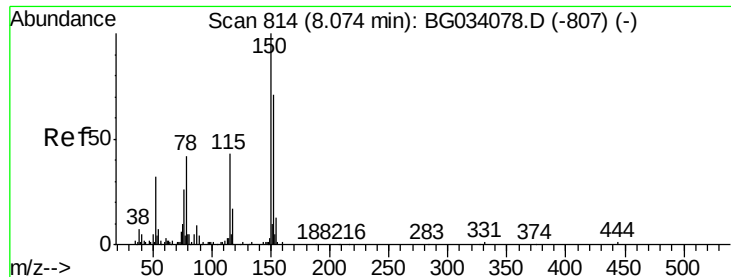
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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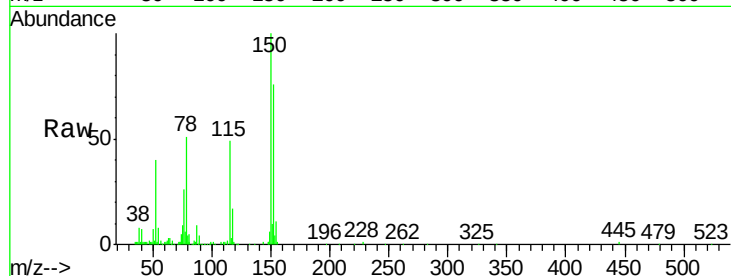


#1

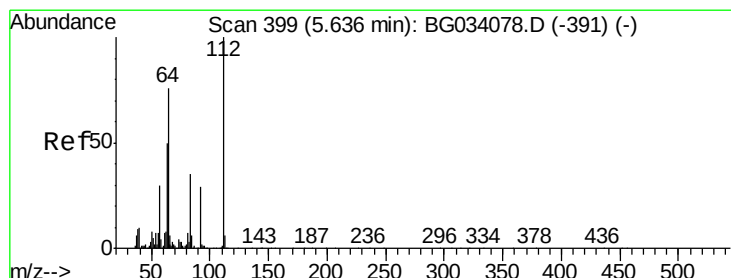
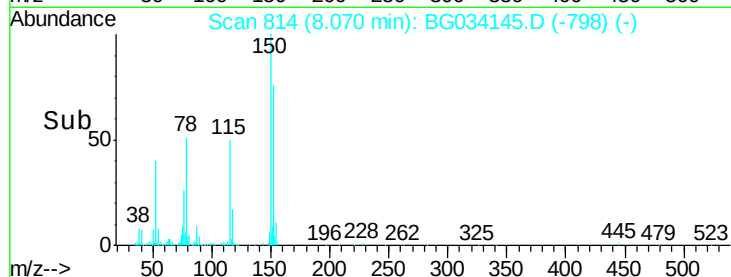
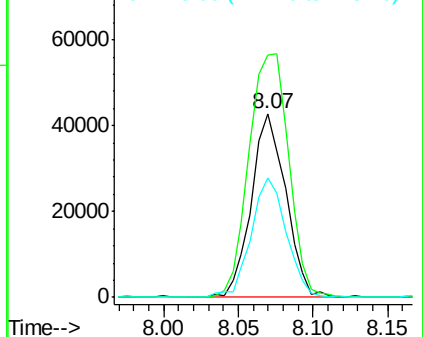
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034145.D
Acq: 3 May 2018 10:47

Instrument :
BNA_G
ClientSampleId :
155-348-281

Tot Ion:152 Resp: 68128
Ion Ratio Lower Upper
152 100
150 131.6 126.6 189.8
115 64.8 53.0 79.4



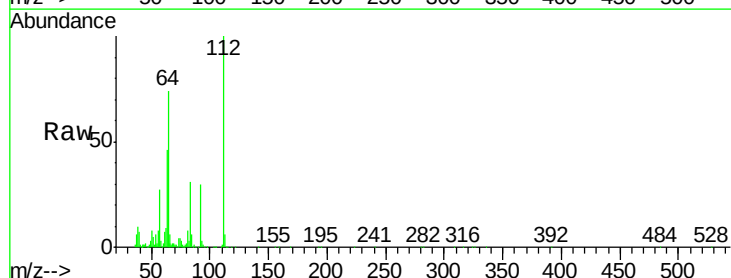
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



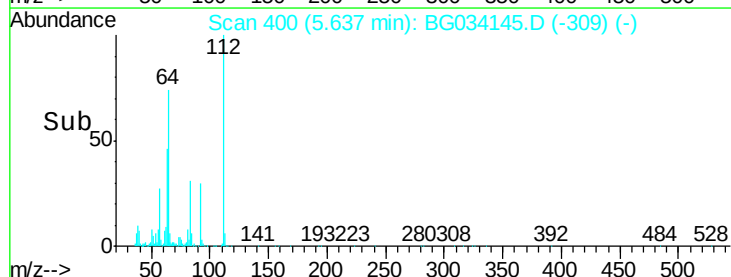
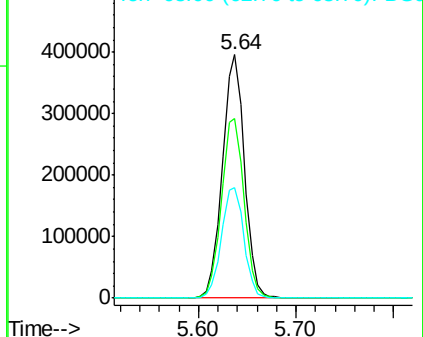
#5

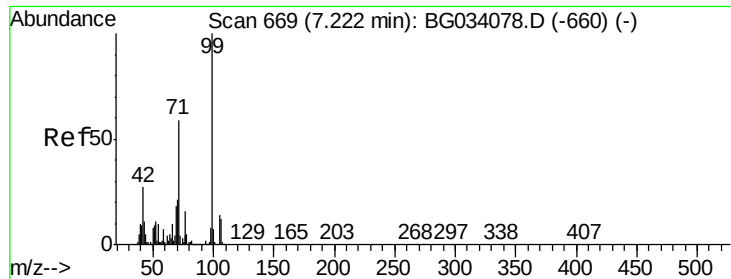
2-Fluorophenol
Concen: 146.842 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034145.D
Acq: 3 May 2018 10:47

Tgt Ion:112 Resp: 619207
Ion Ratio Lower Upper
112 100
64 74.0 56.3 84.5
63 45.6 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: 130.842 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034145.D

Acq: 3 May 2018 10:47

Instrument :

BNA_G

ClientSampleId :

155-348-281

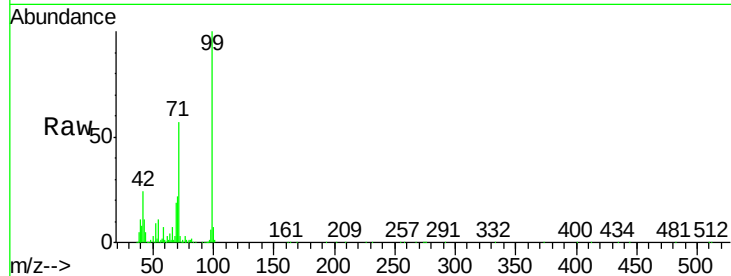
Tot Ion: 99 Resp: 858946

Ion Ratio Lower Upper

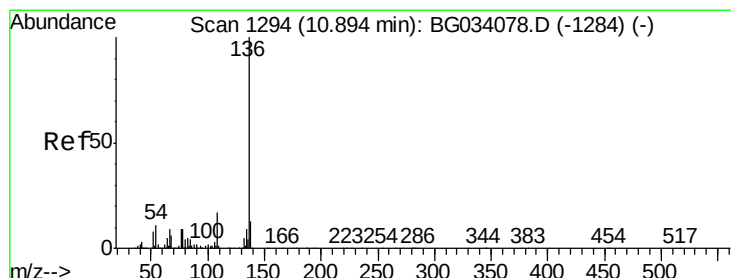
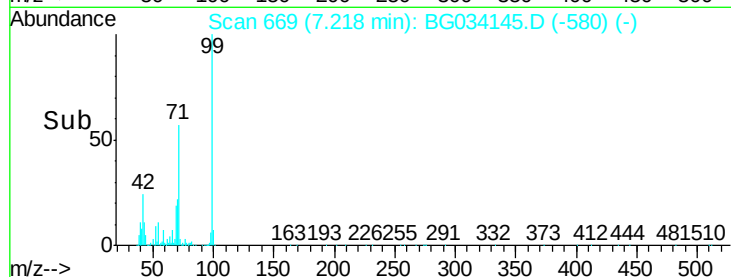
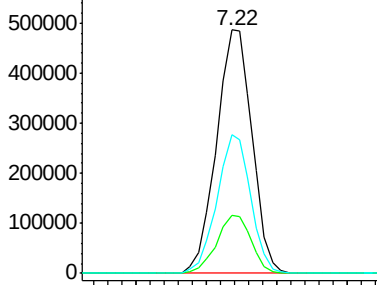
99 100

42 24.1 14.1 21.1#

71 56.9 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034145.D

Acq: 3 May 2018 10:47

Tgt Ion: 136 Resp: 260059

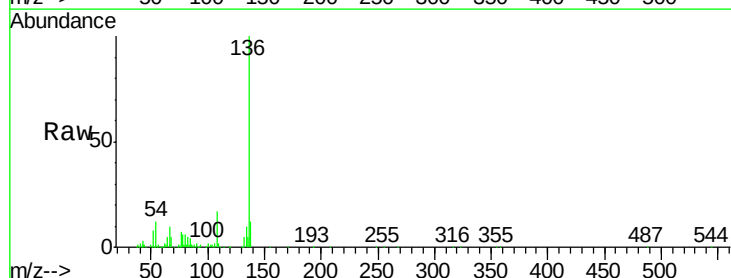
Ion Ratio Lower Upper

136 100

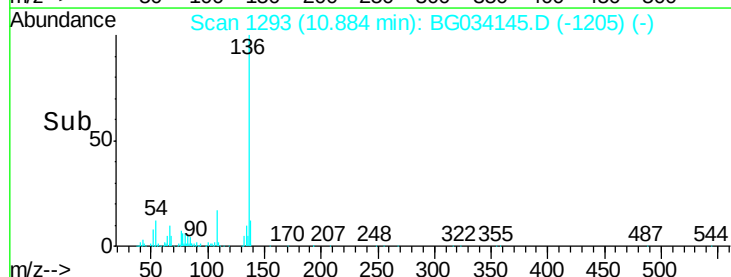
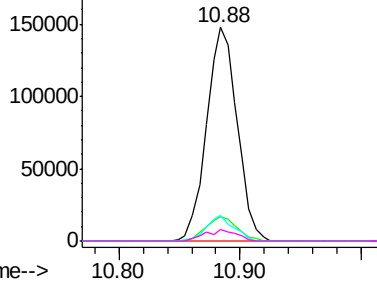
137 11.6 9.2 13.8

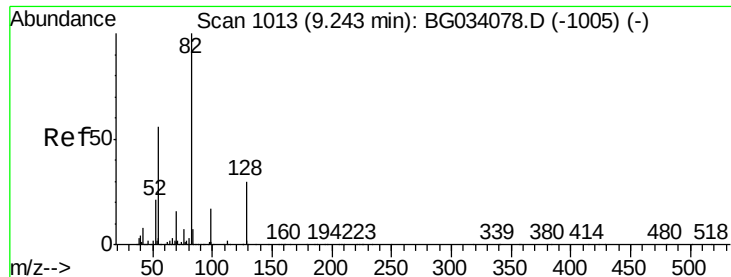
54 11.8 10.3 15.5

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

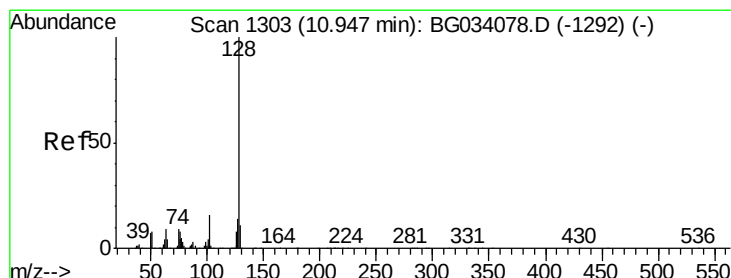
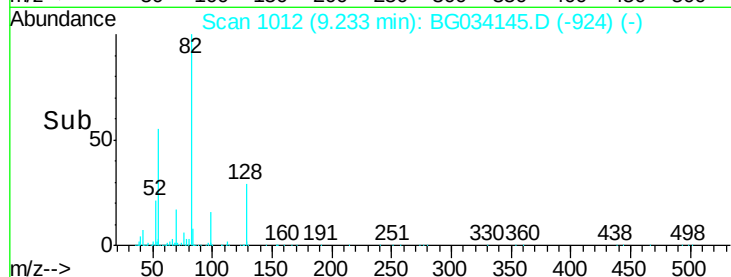
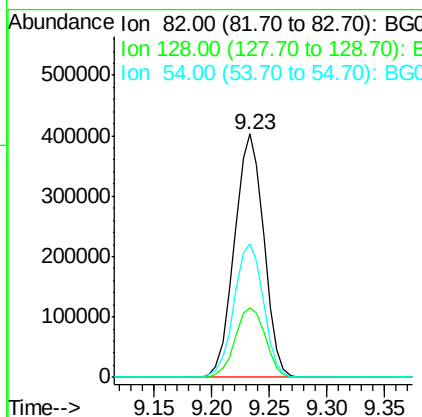
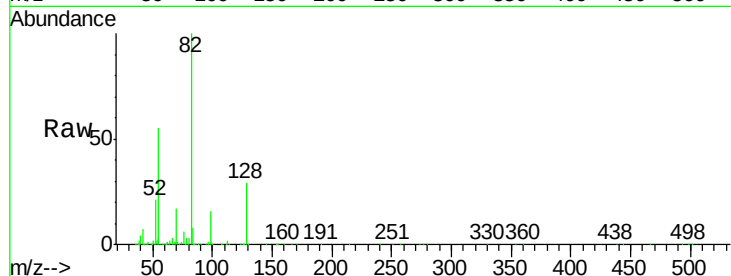




#23
 Nitrobenzene-d5
 Concen: 104.224 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034145.D
 Acq: 3 May 2018 10:47

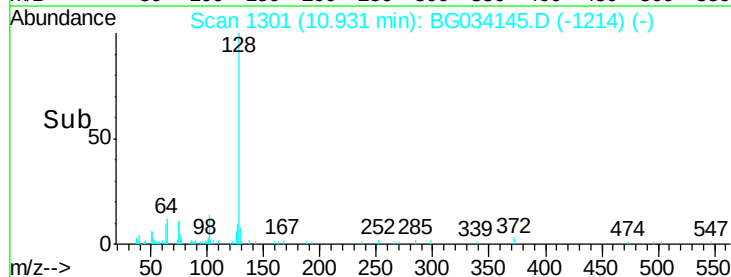
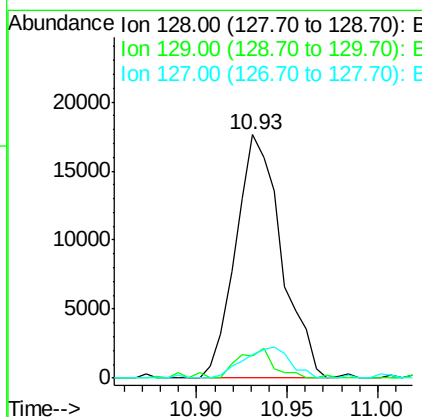
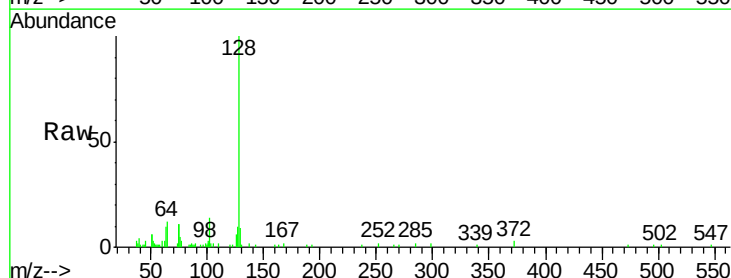
Instrument :
 BNA_G
 ClientSampled :
 155-348-281

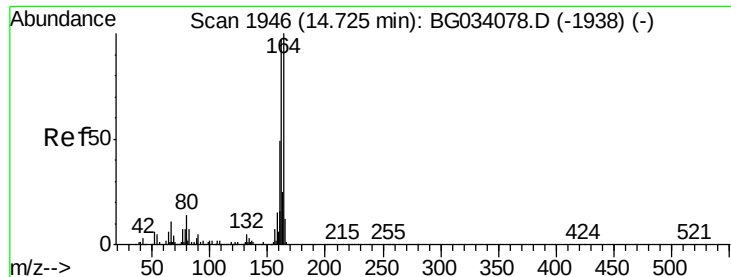
Tot Ion: 82 Resp: 706434
 Ion Ratio Lower Upper
 82 100
 128 28.8 29.7 44.5#
 54 54.9 43.1 64.7



#31
 Naphthalene
 Concen: 2.266 ng
 RT: 10.93 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BG034145.D
 Acq: 3 May 2018 10:47

Tgt Ion: 128 Resp: 30971
 Ion Ratio Lower Upper
 128 100
 129 9.0 8.6 12.8
 127 9.5 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.02 min

Lab File: BG034145.D

Acq: 3 May 2018 10:47

Instrument :

BNA_G

ClientSampleId :

155-348-281

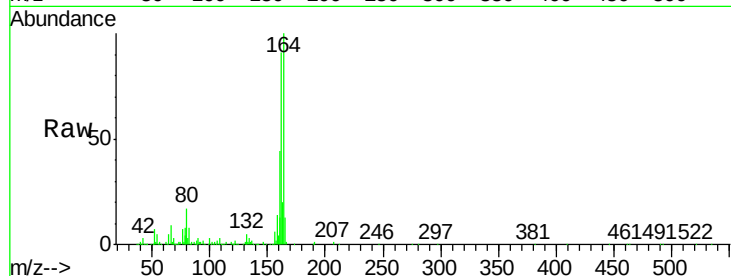
Tot Ion:164 Resp: 197808

Ion Ratio Lower Upper

164 100

162 91.4 78.8 118.2

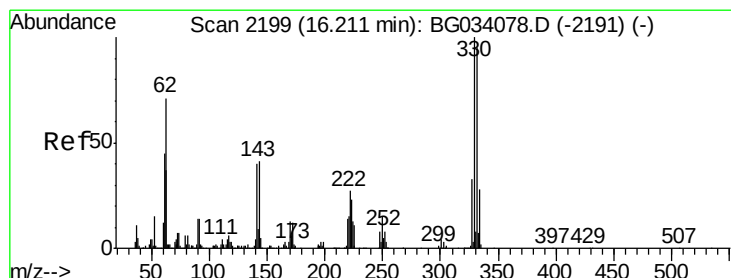
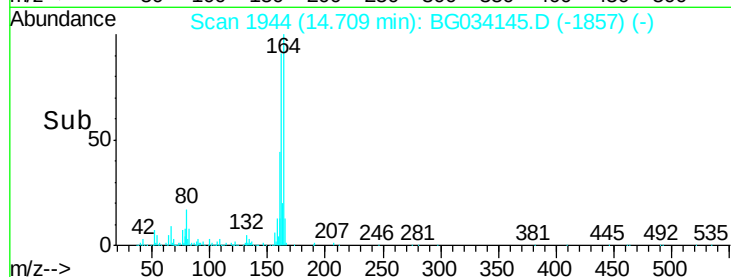
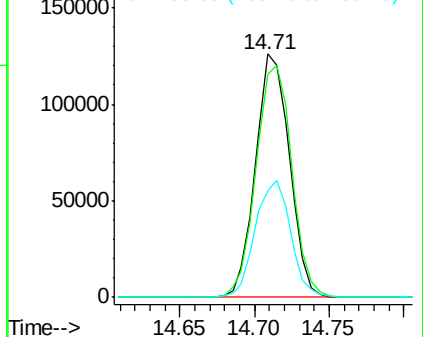
160 43.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 176.471 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG034145.D

Acq: 3 May 2018 10:47

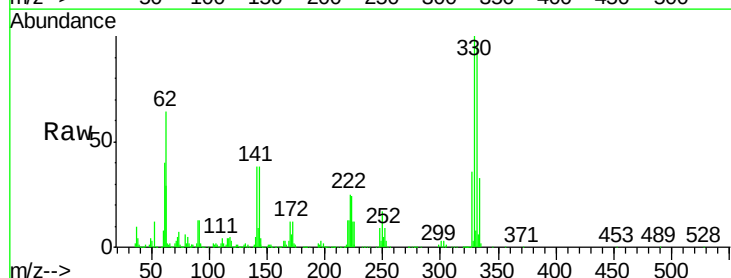
Tgt Ion:330 Resp: 483365

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

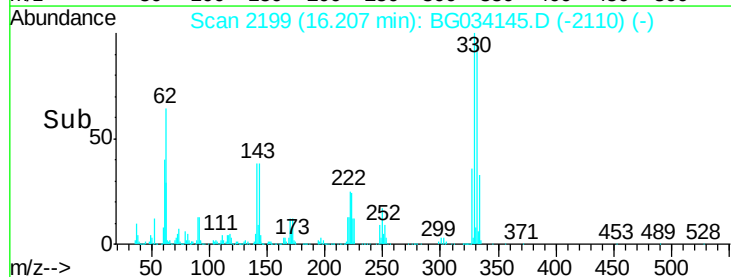
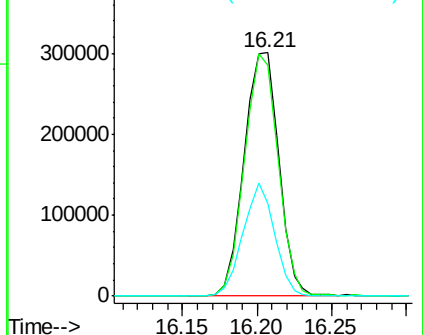
141 42.3 25.2 37.8#

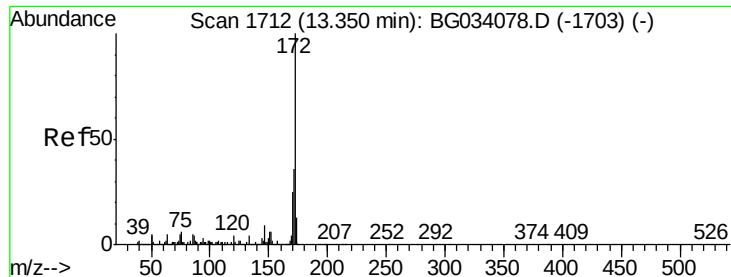


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

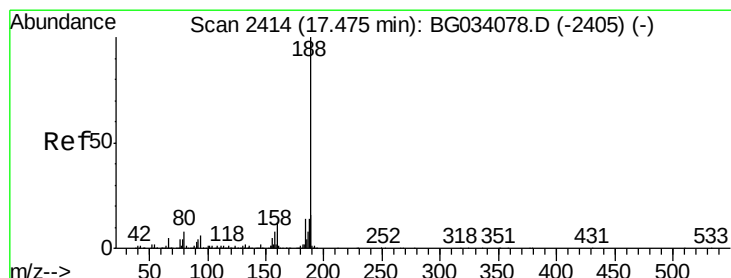
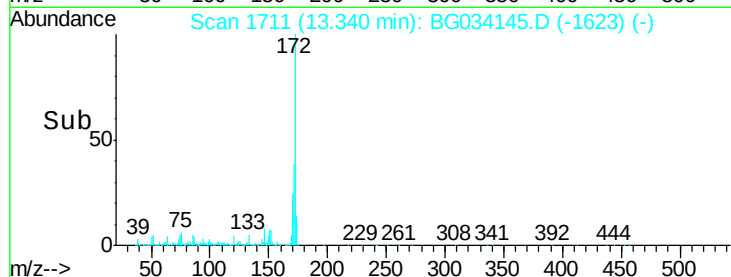
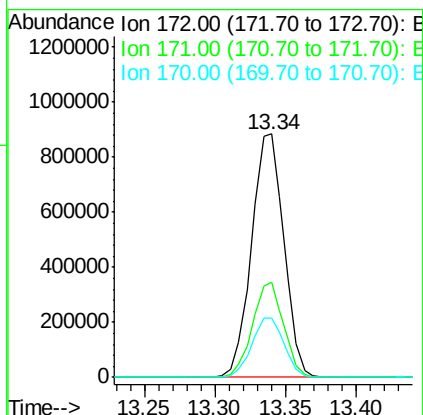
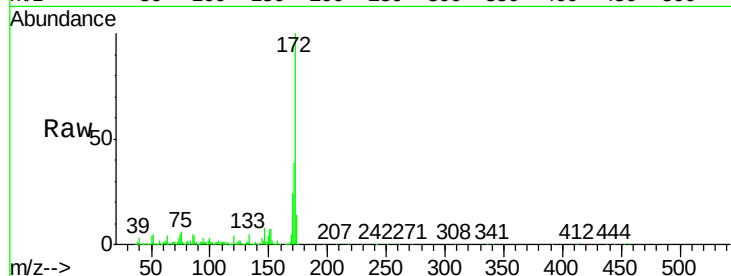




#44
2-Fluorobiphenyl
Concen: 104.803 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034145.D
Acq: 3 May 2018 10:47

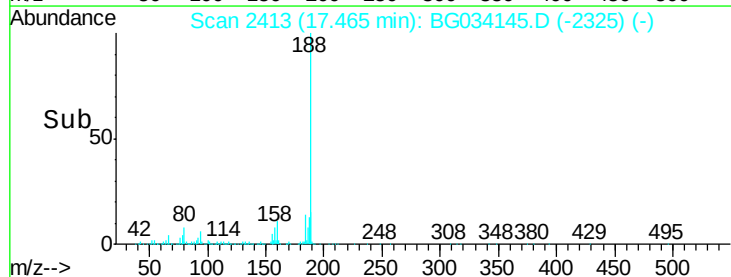
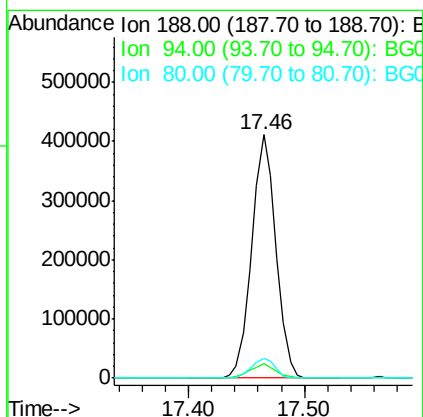
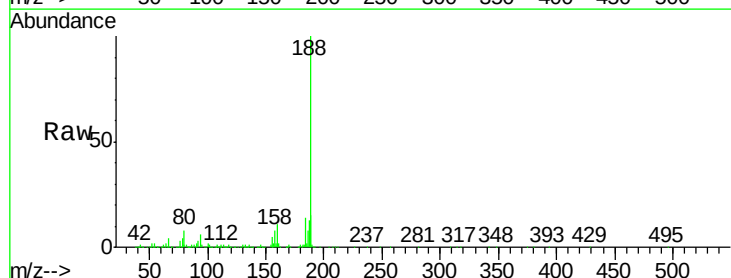
Instrument :
BNA_G
ClientSampleId :
155-348-281

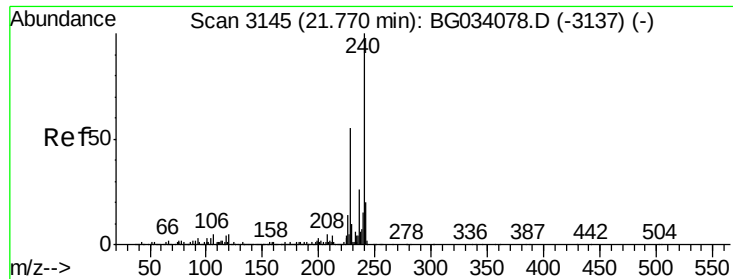
Tot Ion:172 Resp: 1422696
Ion Ratio Lower Upper
172 100
171 39.3 30.0 45.0
170 24.2 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034145.D
Acq: 3 May 2018 10:47

Tgt Ion:188 Resp: 598257
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.0 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG034145.D

Acq: 3 May 2018 10:47

Instrument :

BNA_G

ClientSampleId :

155-348-281

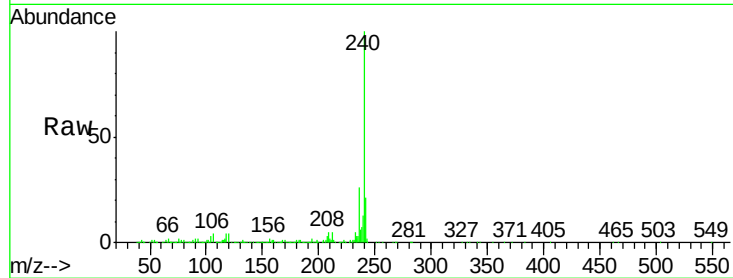
Tot Ion:240 Resp: 736480

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

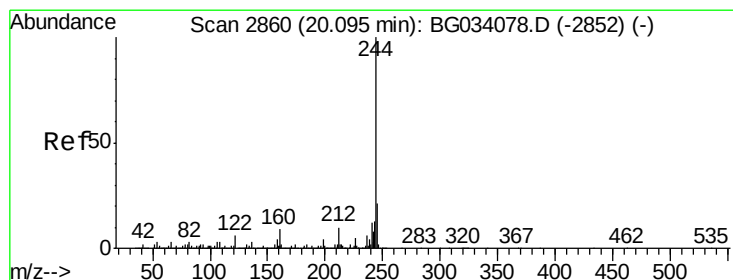
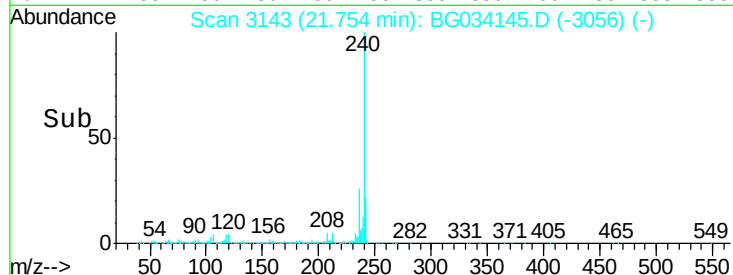
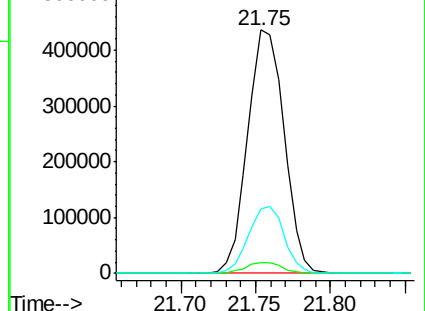
236 26.4 20.9 31.3



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: 94.182 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034145.D

Acq: 3 May 2018 10:47

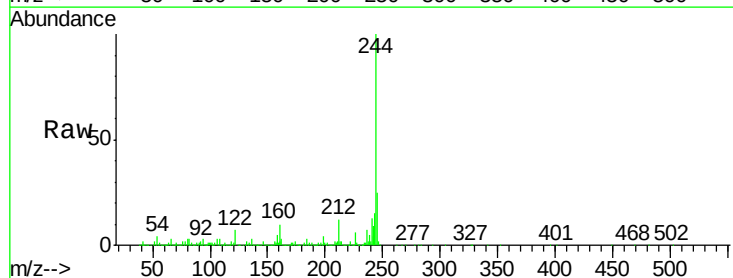
Tgt Ion:244 Resp: 3166296

Ion Ratio Lower Upper

244 100

212 11.6 5.8 8.8#

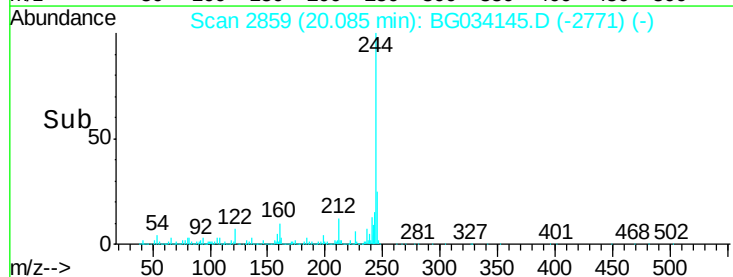
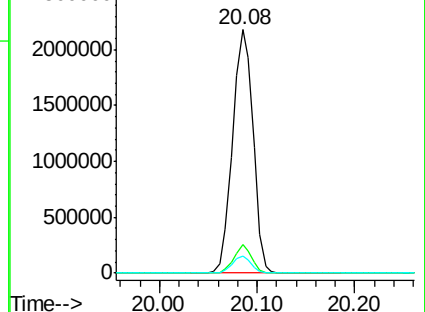
122 7.1 7.0 10.4

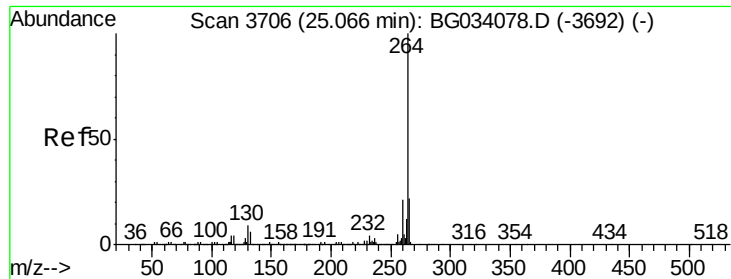


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.05 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG034145.D
 Acq: 3 May 2018 10:47

Instrument :
 BNA_G
 ClientSampleId :
 155-348-281

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.1	17.7	26.5

