

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034135.D
 Acq On : 3 May 2018 3:09
 Operator : SJ/JU
 Sample : PB108811BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108811BL

Quant Time: May 03 06:42:32 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	76899	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	316082	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	250703	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	763051	20.00	ng	0.00
75) Chrysene-d12	21.76	240	801052	20.00	ng	-0.01
86) Perylene-d12	25.04	264	773023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	723374	151.98	ng	0.00
7) Phenol-d6	7.22	99	1065608	143.81	ng	0.00
23) Nitrobenzene-d5	9.24	82	752689	91.37	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	516049	148.65	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1575849	91.59	ng	-0.01
78) Terphenyl-d14	20.08	244	3187568	87.17	ng	-0.01

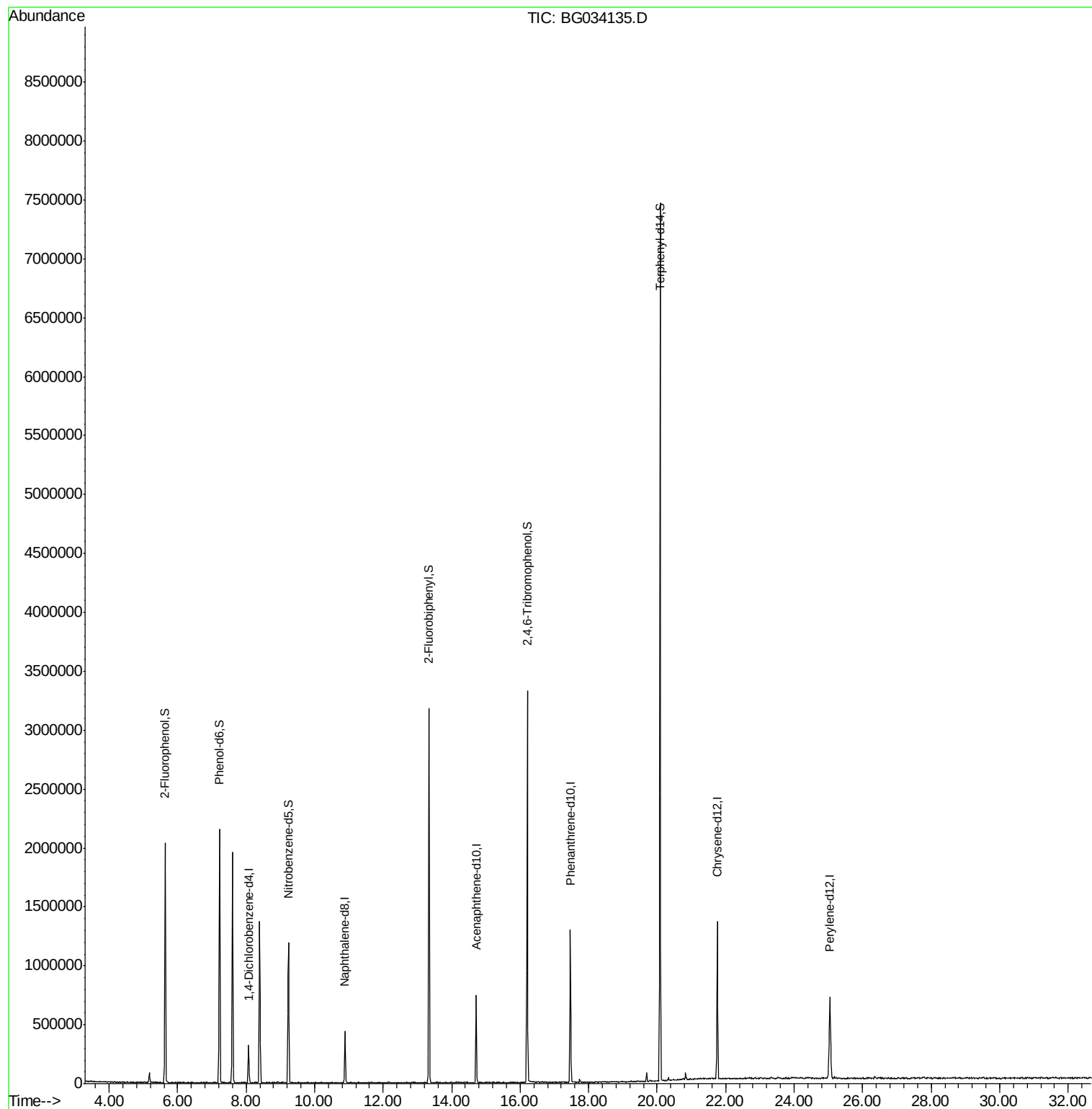
Target Compounds Qvalue

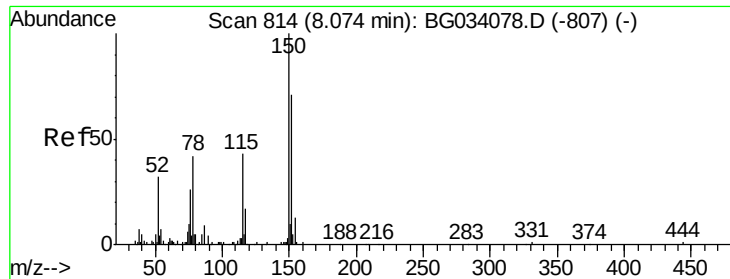
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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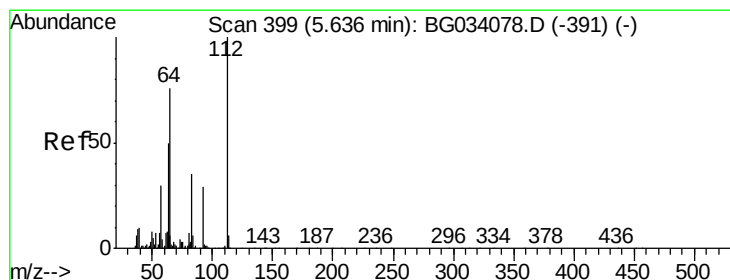
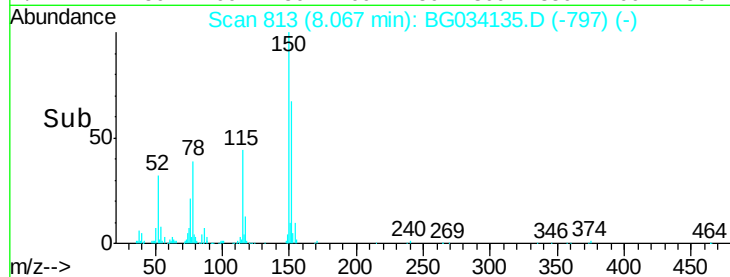
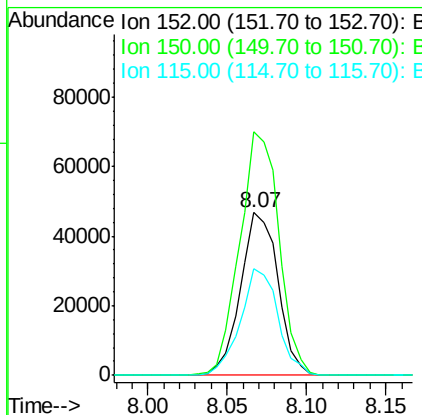
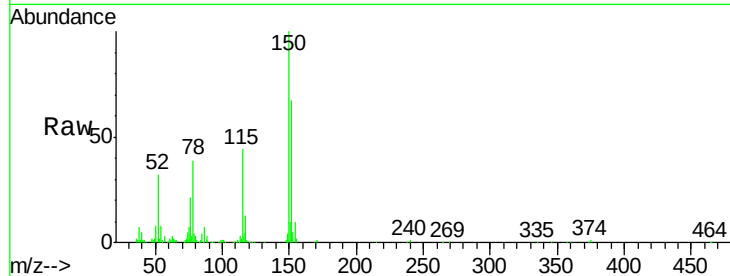


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

Instrument :
BNA_G
ClientSampleId :
PB108811BL

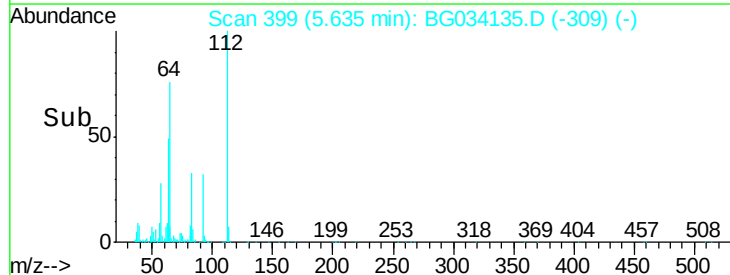
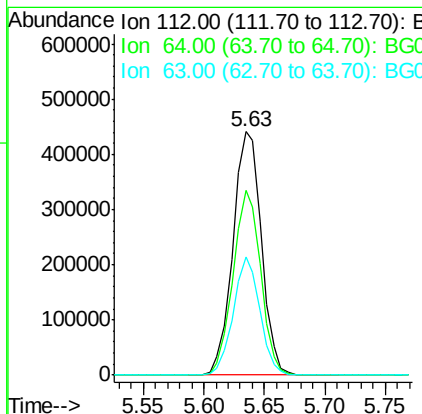
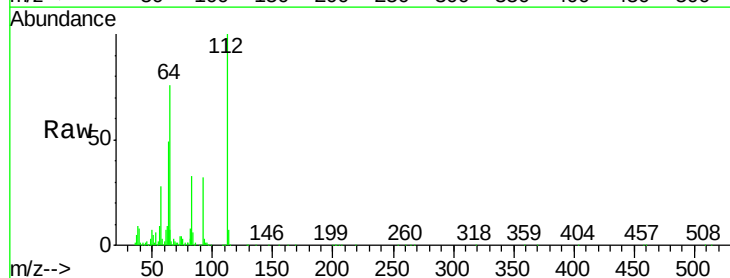
Tot Ion	152	Resp	76899
Ion Ratio	Lower	Upper	
152	100		
150	149.9	126.6	189.8
115	66.1	53.0	79.4

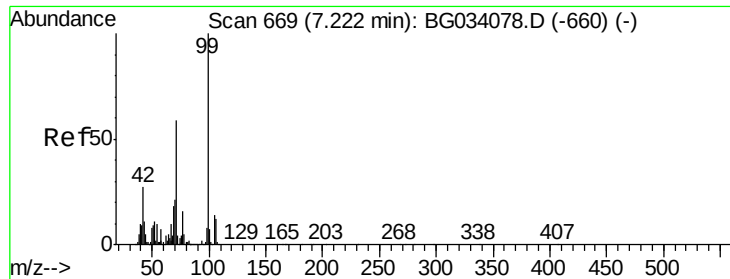


#5

2-Fluorophenol
Concen: 151.979 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

Tgt Ion	112	Resp	723374
Ion Ratio	Lower	Upper	
112	100		
64	76.0	56.3	84.5
63	48.7	30.1	45.1





#7

Phenol-d6

Concen: 143.808 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

PB108811BL

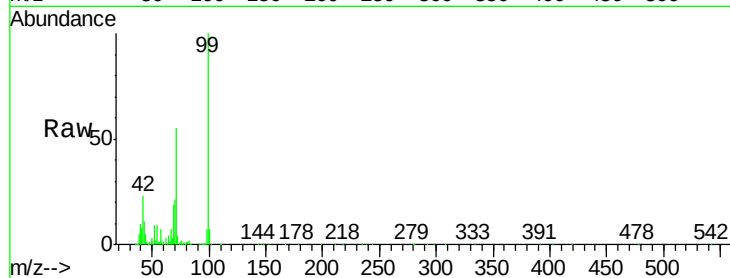
Tot Ion: 99 Resp: 1065608

Ion Ratio Lower Upper

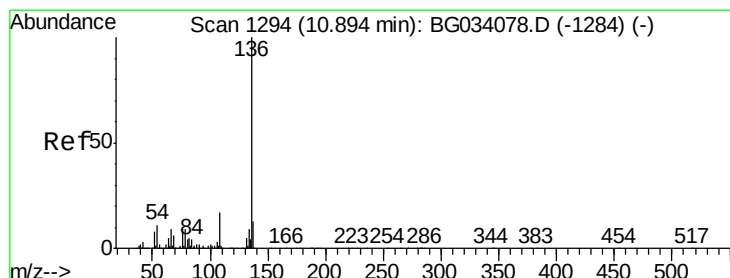
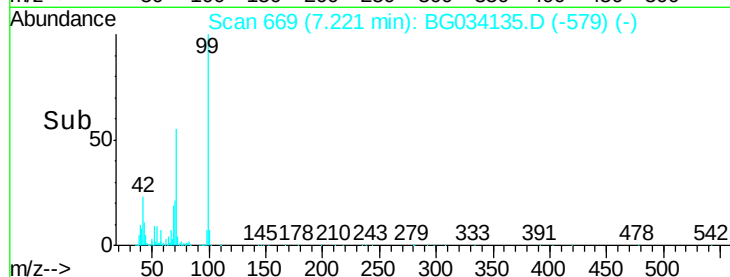
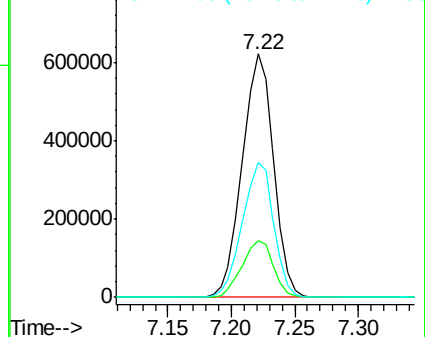
99 100

42 23.1 14.1 21.1#

71 55.5 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Tgt Ion: 136 Resp: 316082

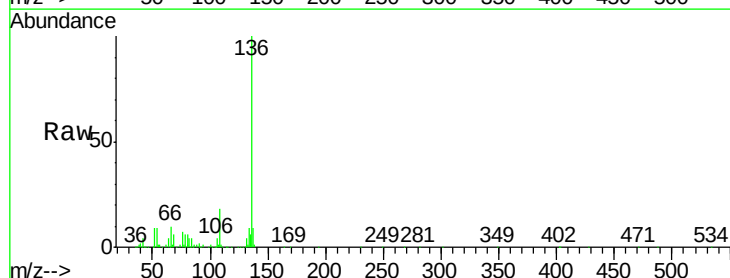
Ion Ratio Lower Upper

136 100

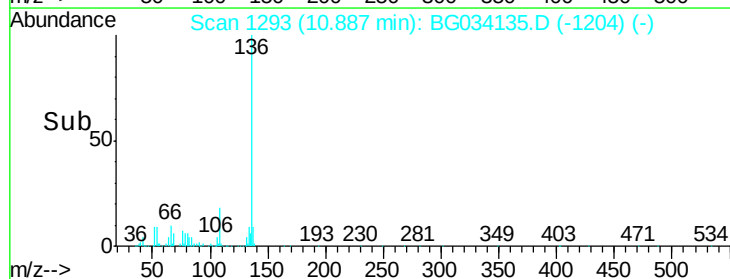
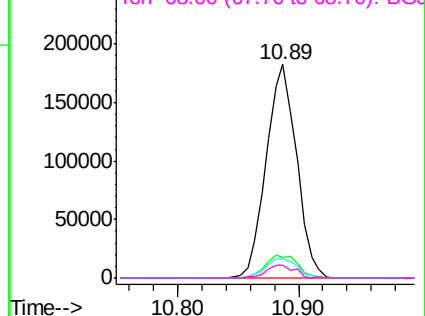
137 9.5 9.2 13.8

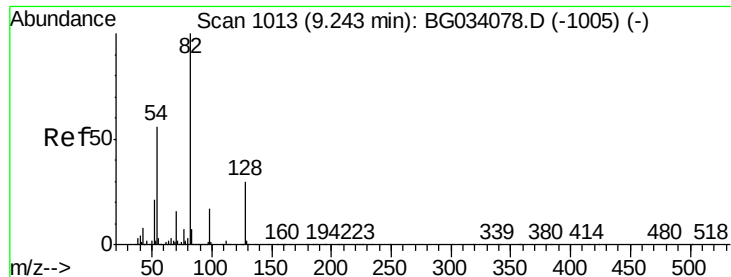
54 9.0 10.3 15.5#

68 6.2 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

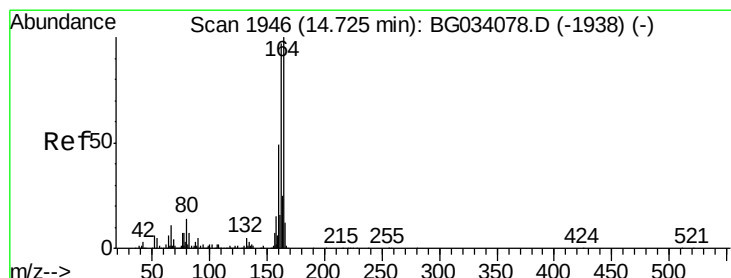
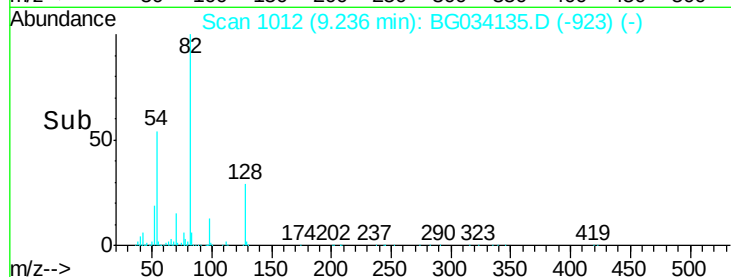
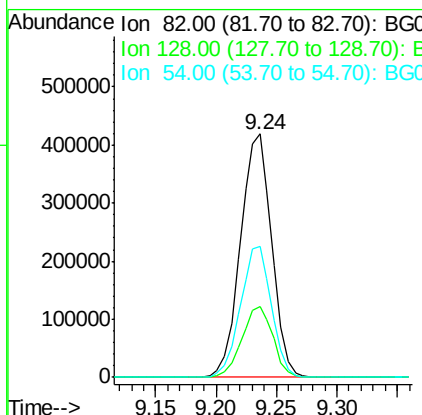
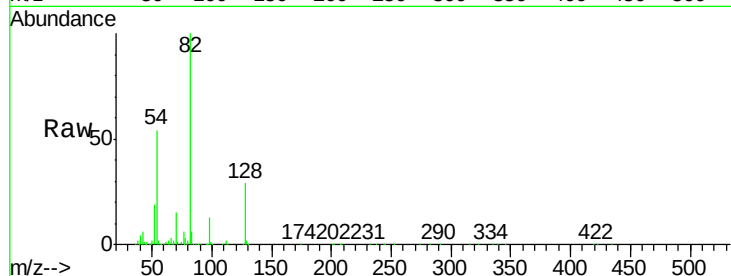




#23
 Nitrobenzene-d5
 Concen: 91.366 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034135.D
 Acq: 3 May 2018 3:09

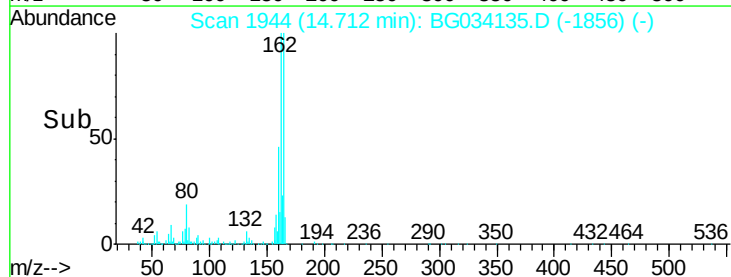
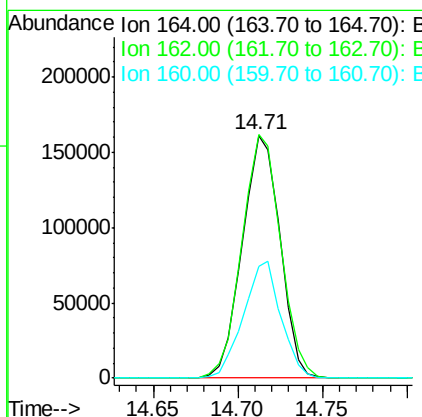
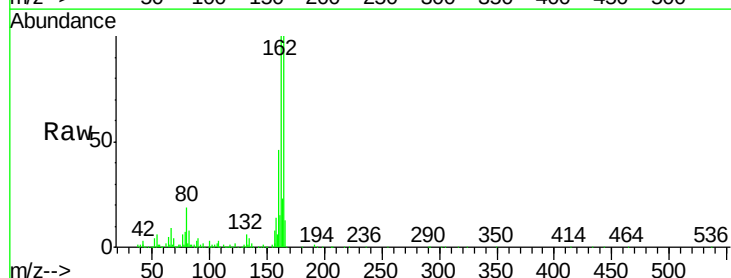
Instrument :
 BNA_G
 ClientSampled :
 PB108811BL

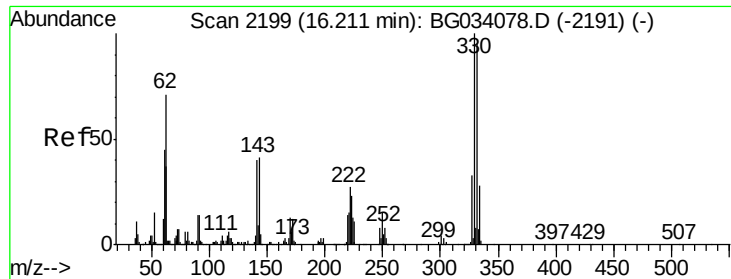
Tot Ion	82	Resp	752689
Ion Ratio	Lower	Upper	
82	100		
128	29.1	29.7	44.5#
54	54.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034135.D
 Acq: 3 May 2018 3:09

Tgt Ion	164	Resp	250703
Ion Ratio	Lower	Upper	
164	100		
162	100.4	78.8	118.2
160	46.0	35.4	53.0

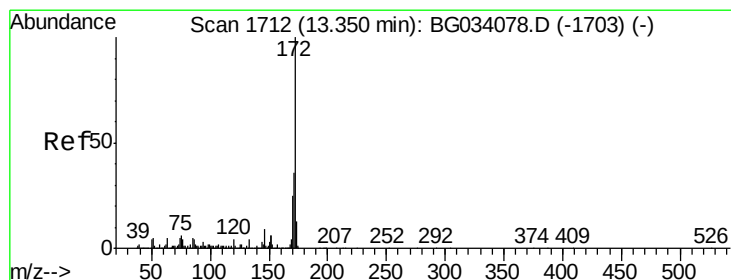
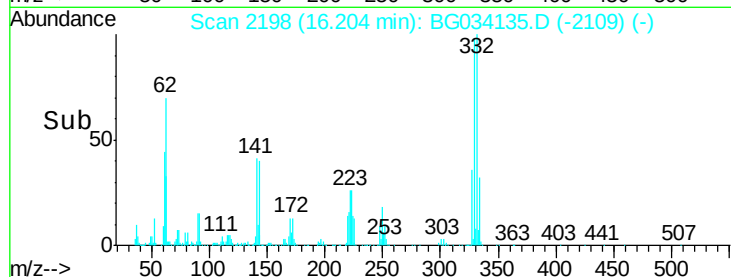
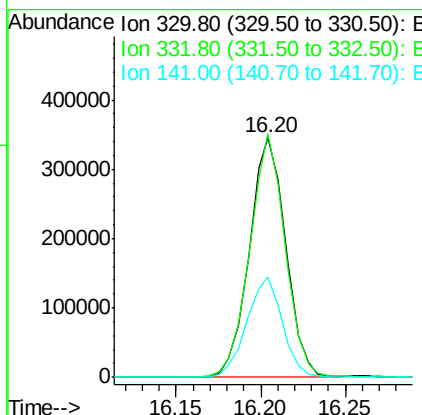
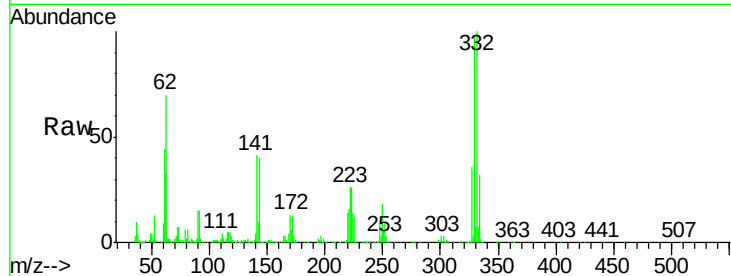




#41
 2,4,6-Tribromophenol
 Concen: 148.653 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034135.D
 Acq: 3 May 2018 3:09

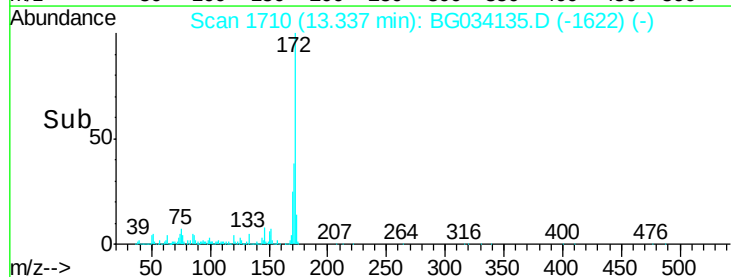
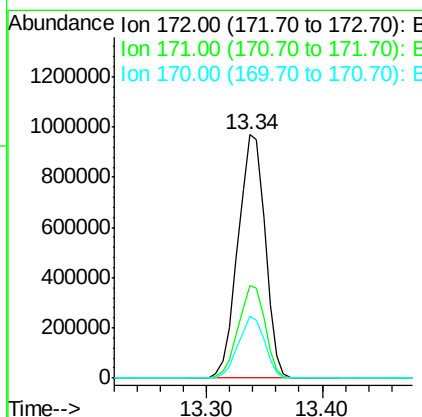
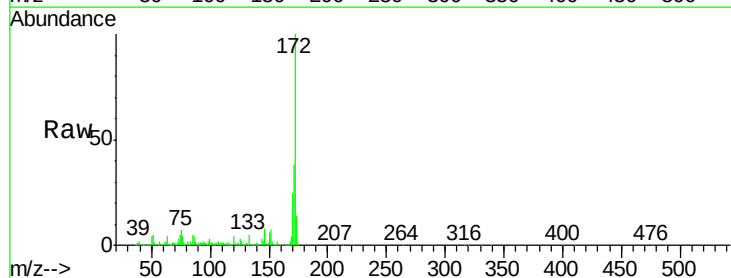
Instrument :
 BNA_G
 ClientSampleId :
 PB108811BL

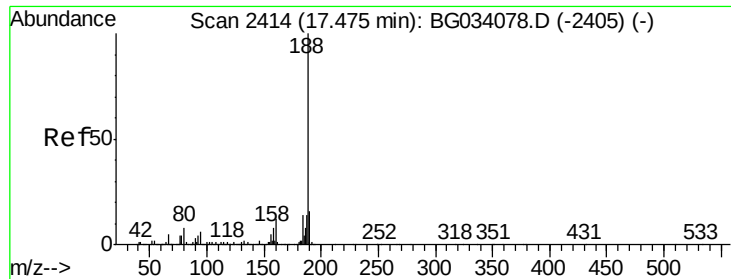
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	41.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 91.593 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034135.D
 Acq: 3 May 2018 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

PB108811BL

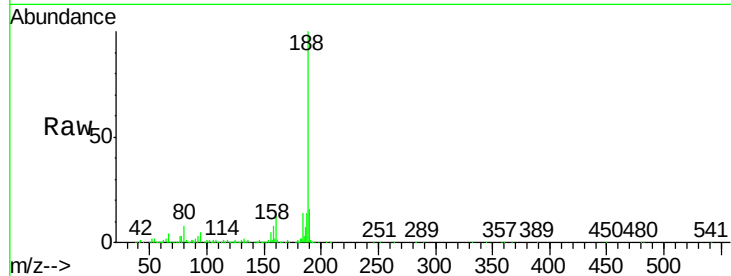
Tot Ion:188 Resp: 763051

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

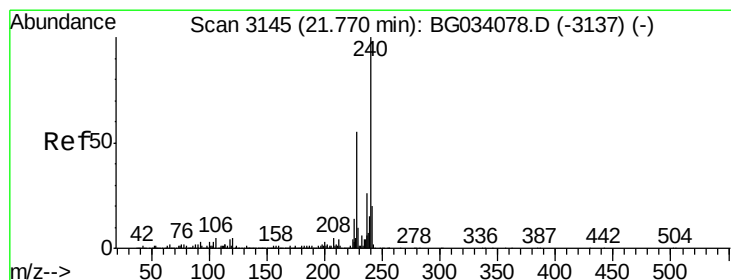
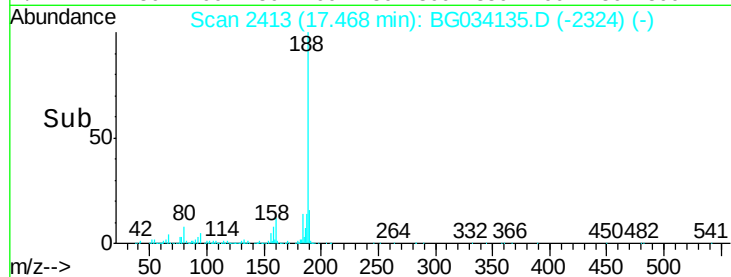
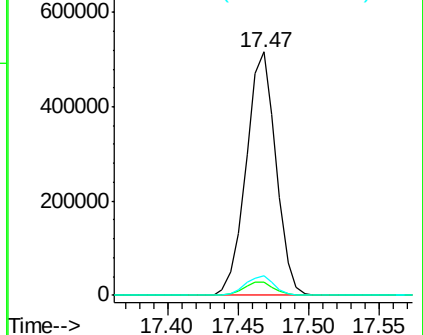
80 8.1 7.7 11.5



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: BG034135.D

Acq: 3 May 2018 3:09

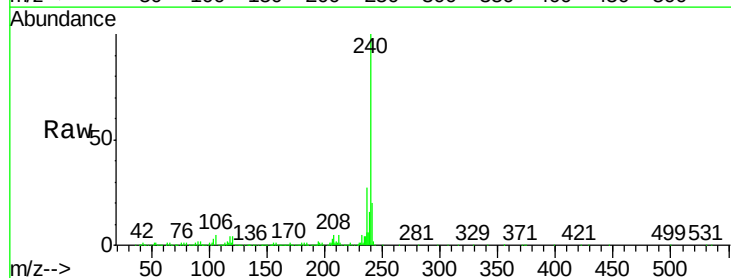
Tgt Ion:240 Resp: 801052

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

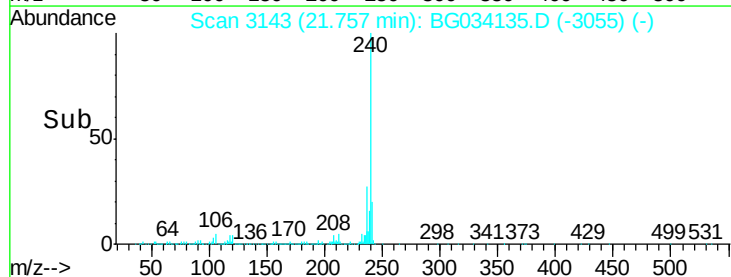
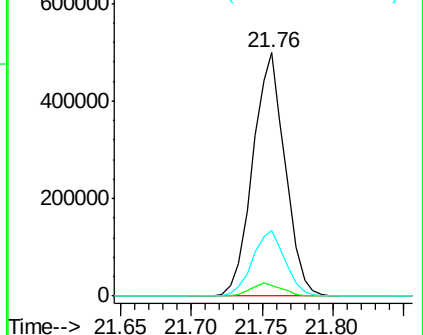
236 26.9 20.9 31.3

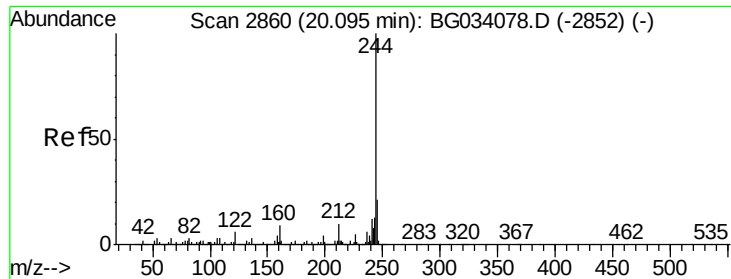


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.172 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

PB108811BL

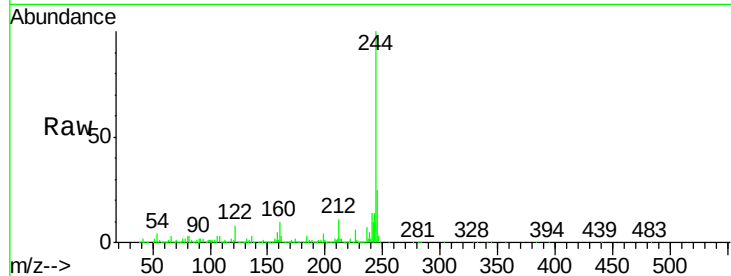
Tot Ion:244 Resp: 3187568

Ion Ratio Lower Upper

244 100

212 11.3 5.8 8.8#

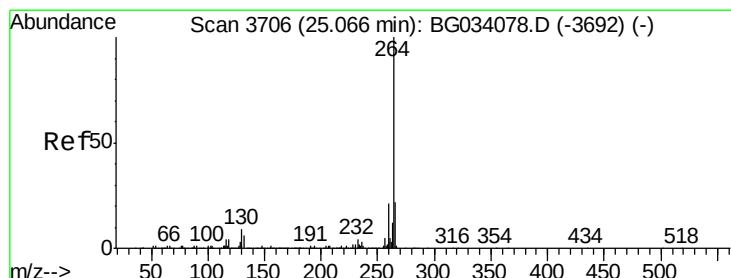
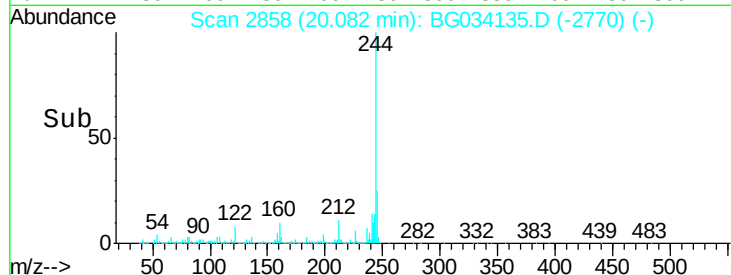
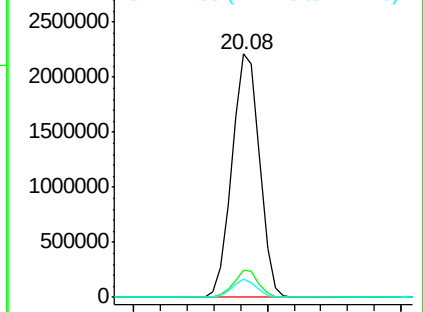
122 7.7 7.0 10.4



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: 25.04 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

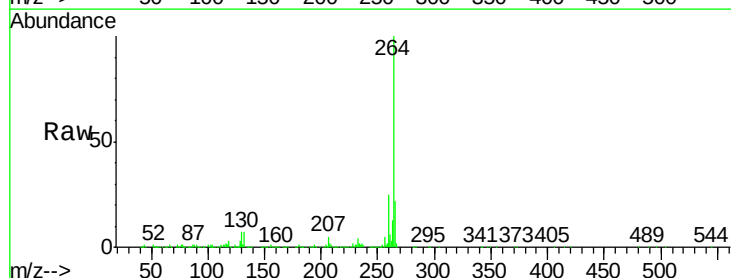
Tgt Ion:264 Resp: 773023

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

