

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034133.D
 Acq On : 3 May 2018 1:53
 Operator : SJ/JU
 Sample : J2652-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-P5-WC

Quant Time: May 03 06:39:14 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

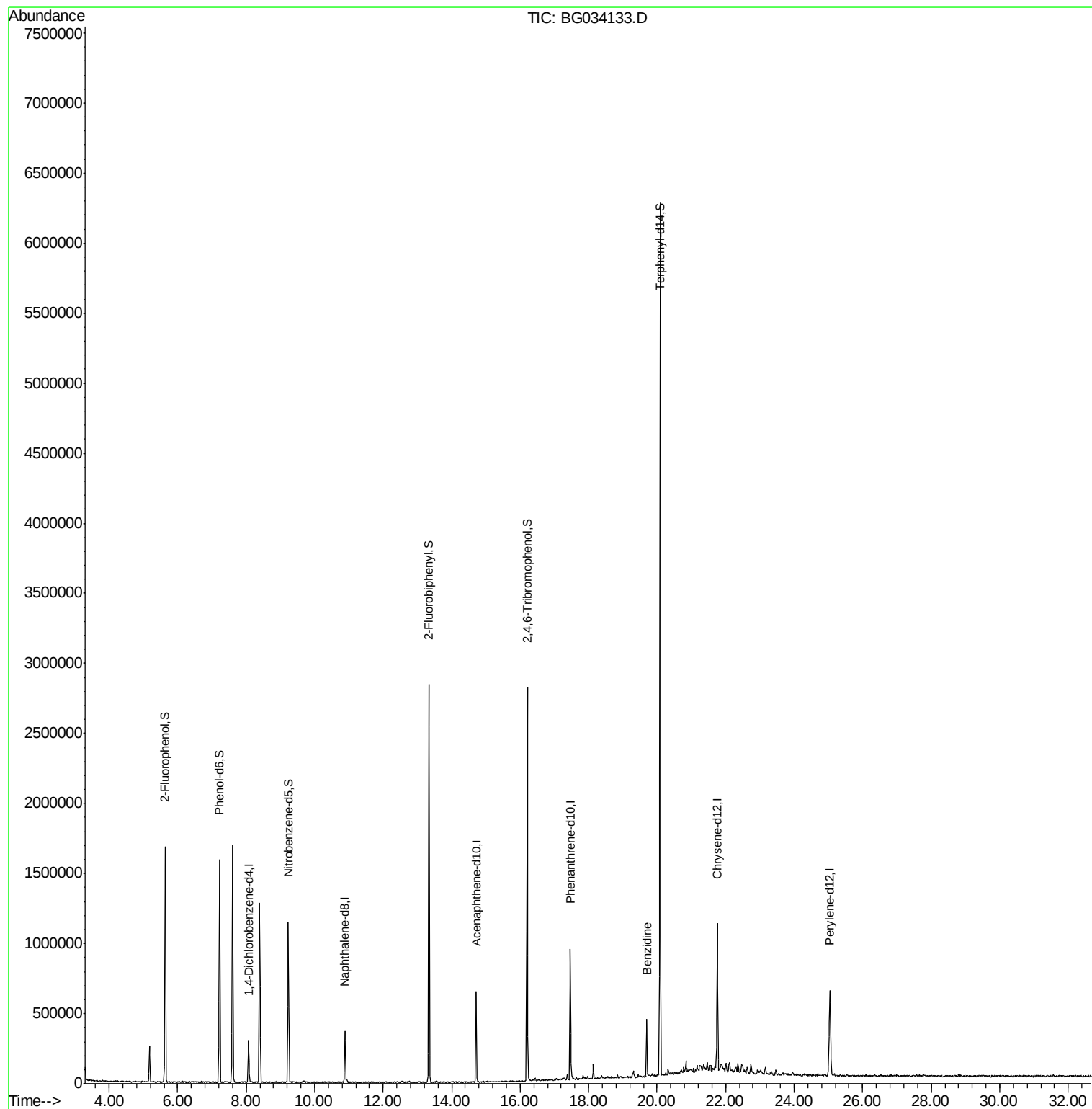
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68299	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	256116	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	211510	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	578399	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	664447	20.00	ng	-0.01
86) Perylene-d12	25.04	264	698972	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	580427	137.30	ng	0.00
7) Phenol-d6	7.22	99	783592	119.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	694451	104.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	459735	156.97	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1418493	97.72	ng	-0.01
78) Terphenyl-d14	20.08	244	2732719	90.10	ng	-0.01
Target Compounds						
76) Benzidine	19.69	184	215778	12.607	ng	Qvalue 98

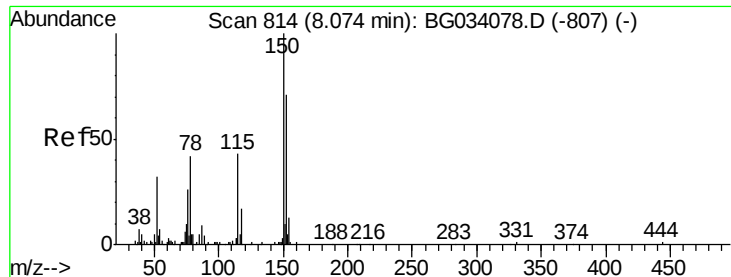
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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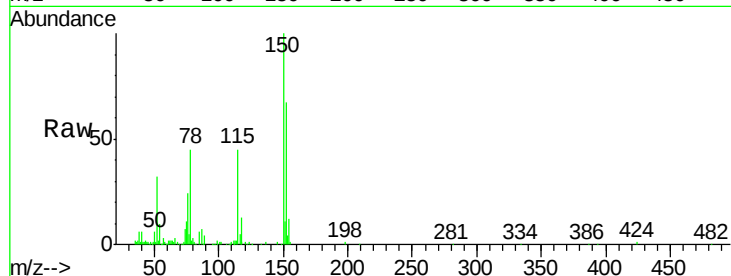


#1

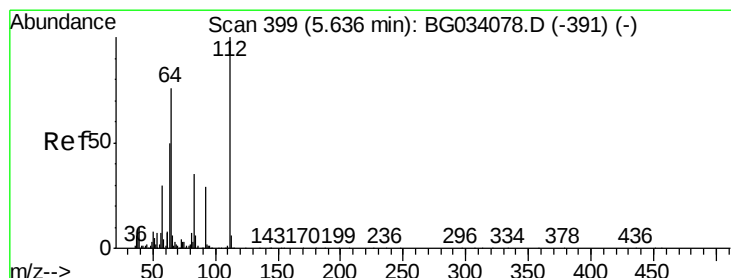
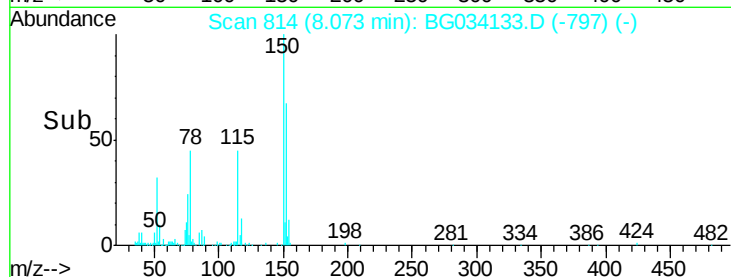
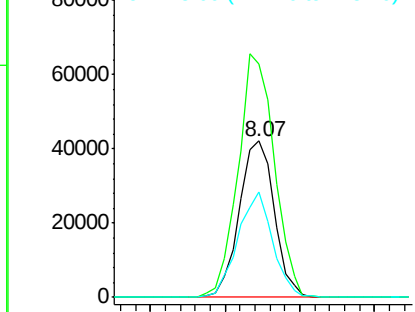
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-P5-WC

Tot Ion	152	Resp	68299
Ion Ratio	Lower	Upper	
152	100		
150	150.0	126.6	189.8
115	67.3	53.0	79.4



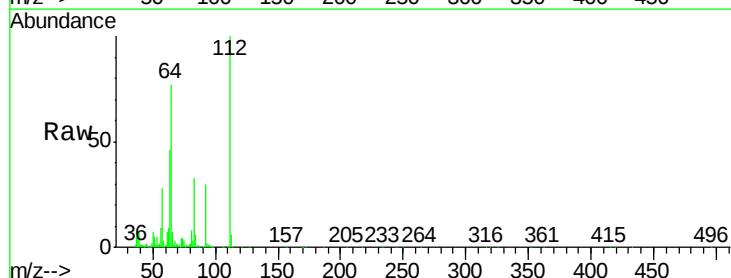
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



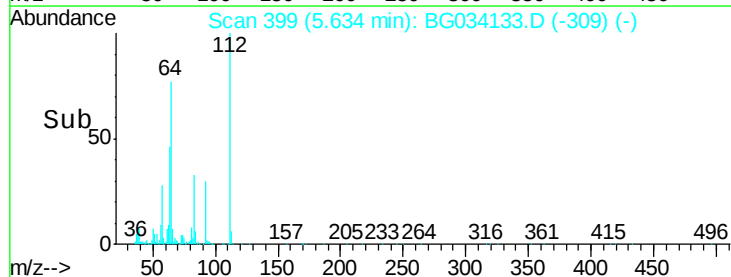
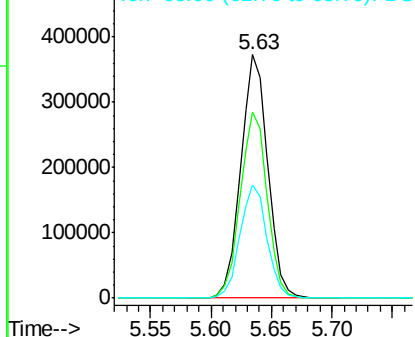
#5

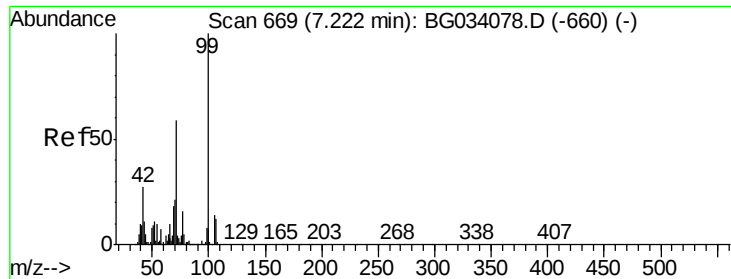
2-Fluorophenol
Concen: 137.301 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion	112	Resp	580427
Ion Ratio	Lower	Upper	
112	100		
64	76.6	56.3	84.5
63	46.3	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: 119.064 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034133.D

Acq: 3 May 2018 1:53

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-P5-WC

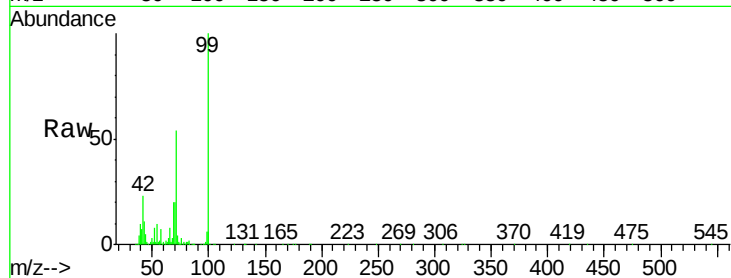
Tot Ion: 99 Resp: 783592

Ion Ratio Lower Upper

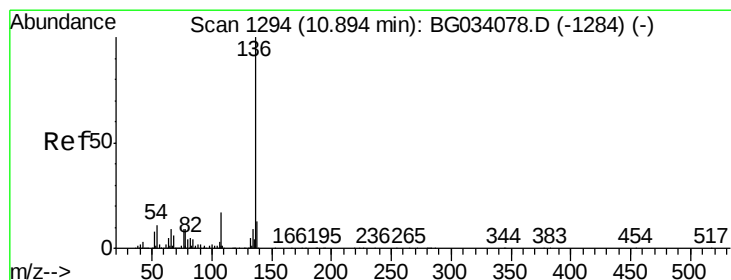
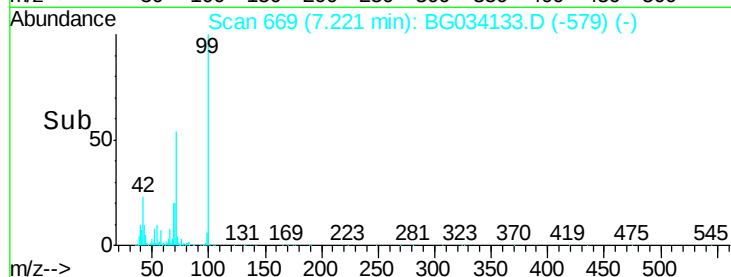
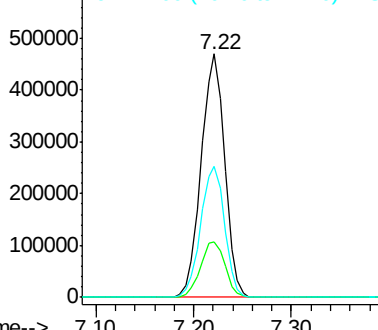
99 100

42 22.6 14.1 21.1#

71 54.0 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: BG034133.D

Acq: 3 May 2018 1:53

Tgt Ion: 136 Resp: 256116

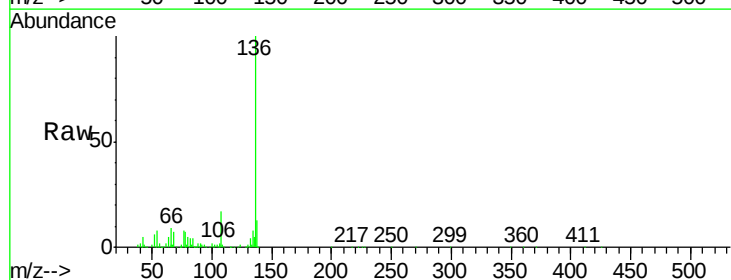
Ion Ratio Lower Upper

136 100

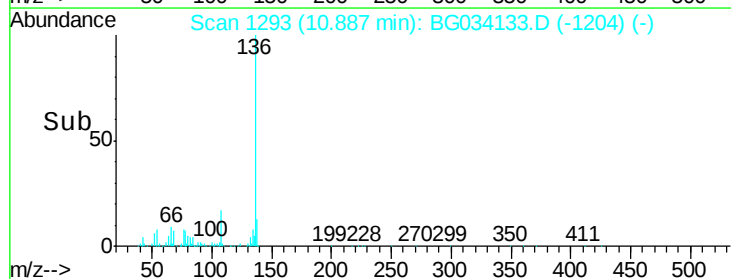
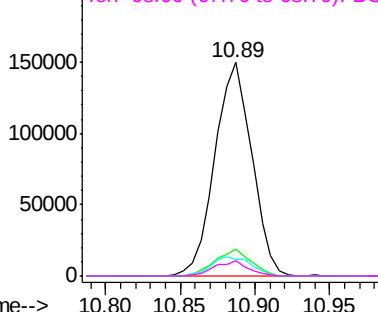
137 12.6 9.2 13.8

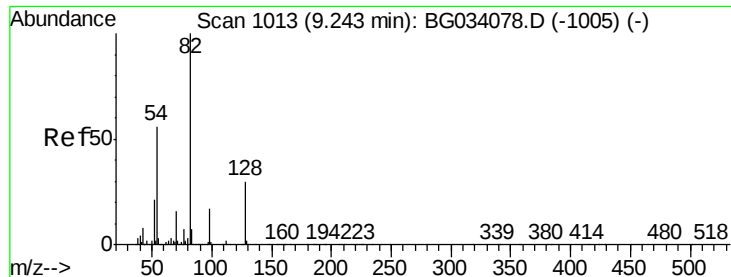
54 7.8 10.3 15.5#

68 7.1 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

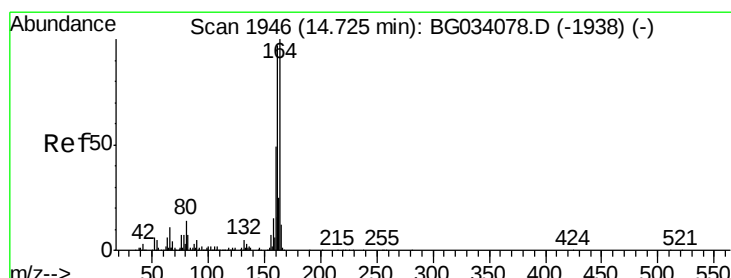
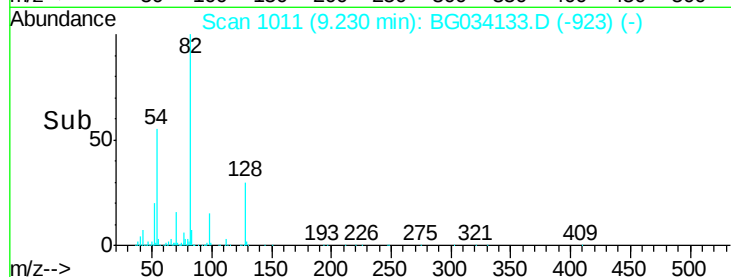
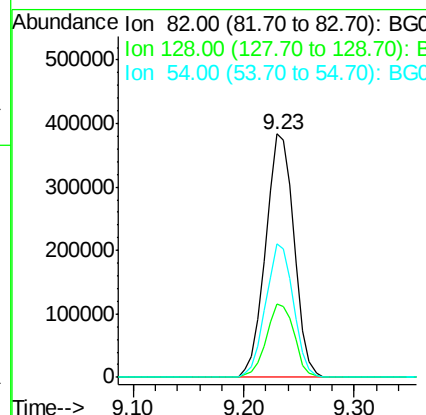
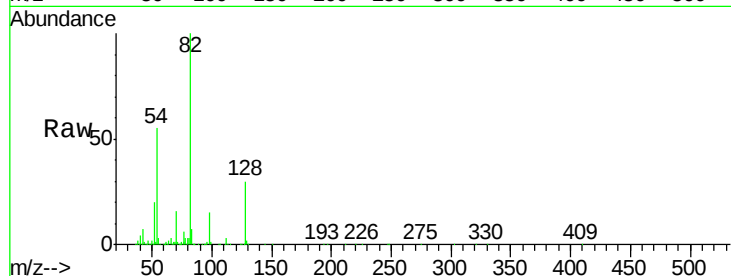




#23
Nitrobenzene-d5
Concen: 104.034 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

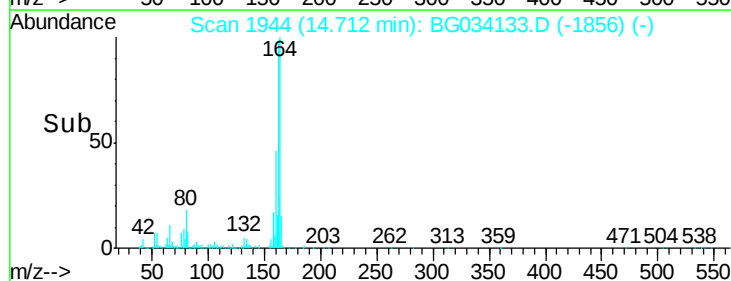
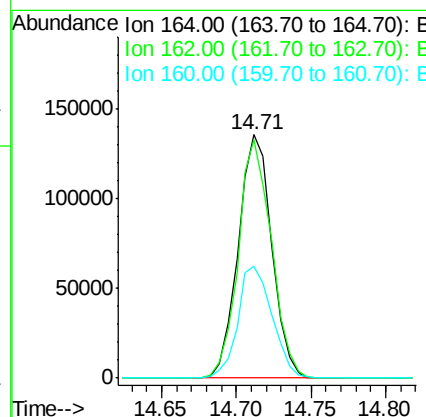
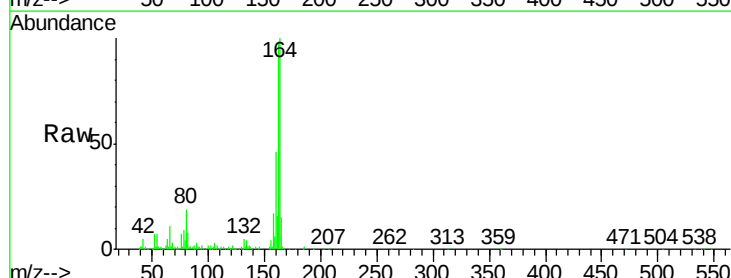
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-P5-WC

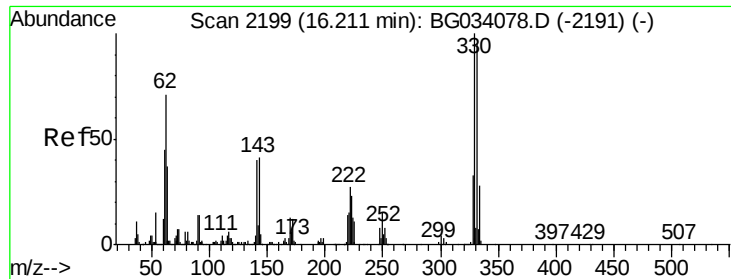
Tot Ion	82	Resp	694451
Ion Ratio	Lower	Upper	
82	100		
128	30.3	29.7	44.5
54	55.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion	164	Resp	211510
Ion Ratio	Lower	Upper	
164	100		
162	97.8	78.8	118.2
160	46.0	35.4	53.0

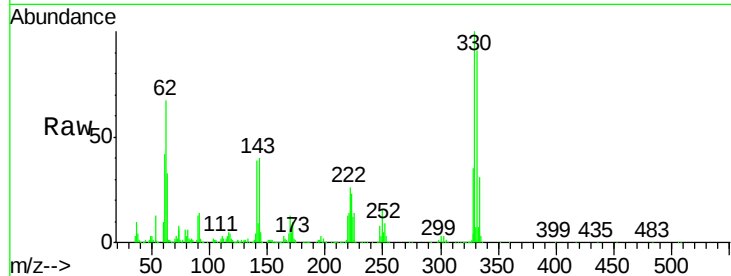




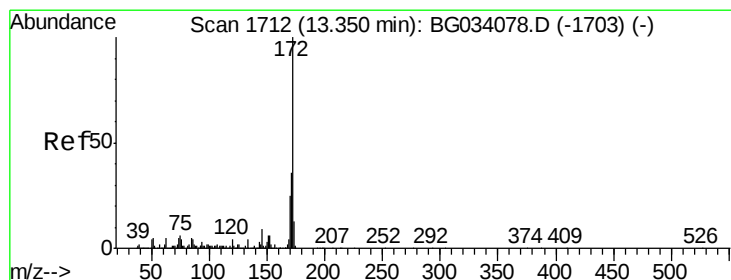
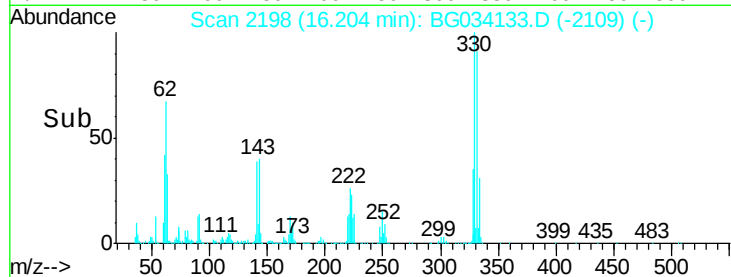
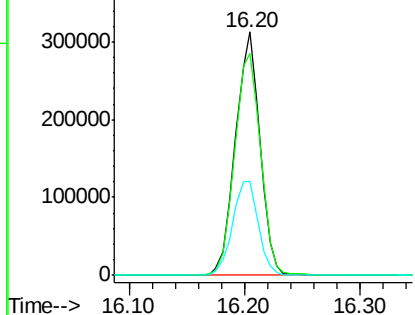
#41
 2,4,6-Tribromophenol
 Concen: 156.971 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034133.D
 Acq: 3 May 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-P5-WC

Tot Ion:330 Resp: 459735
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 40.9 25.2 37.8#

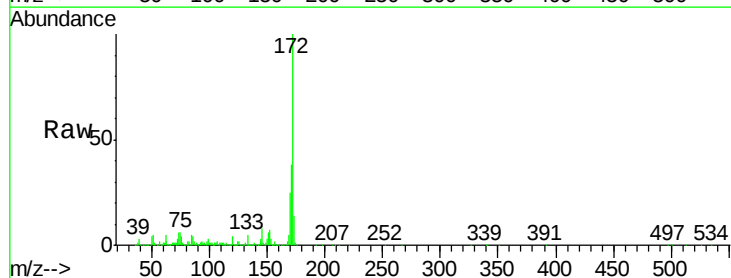


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

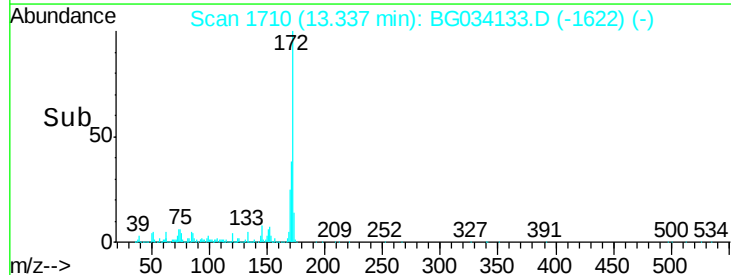
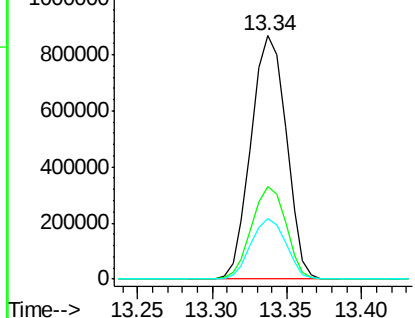


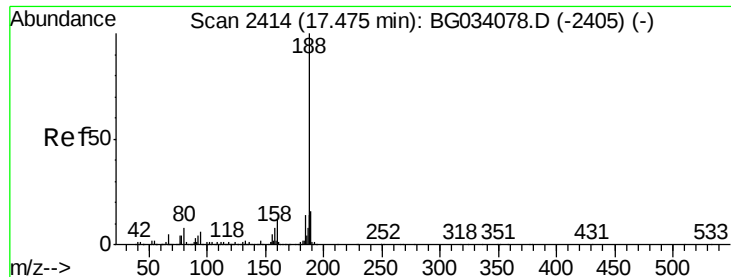
#44
 2-Fluorobiphenyl
 Concen: 97.724 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034133.D
 Acq: 3 May 2018 1:53

Tgt Ion:172 Resp: 1418493
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.9 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

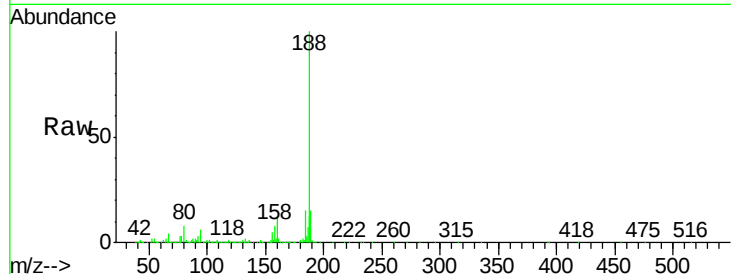




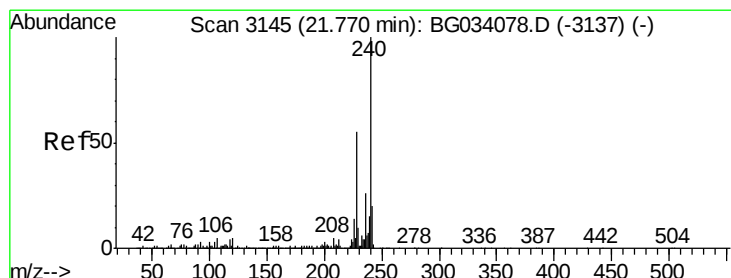
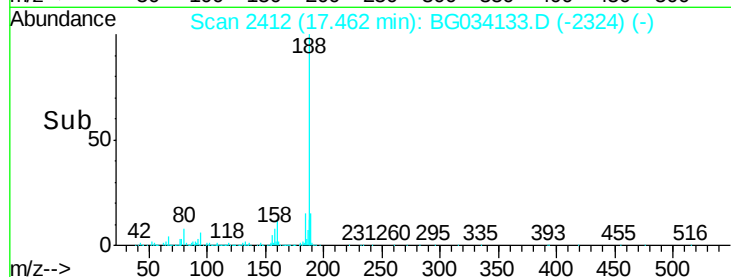
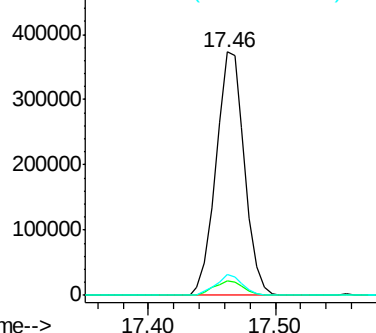
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-P5-WC

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.4	7.7	11.5

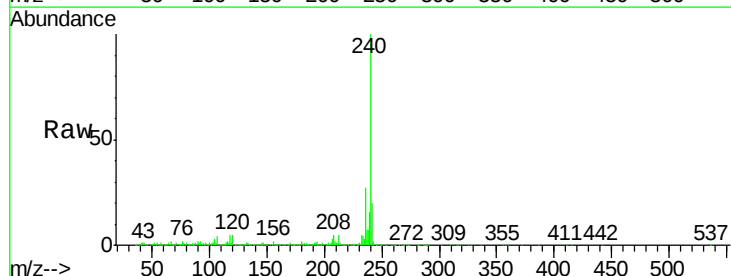


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

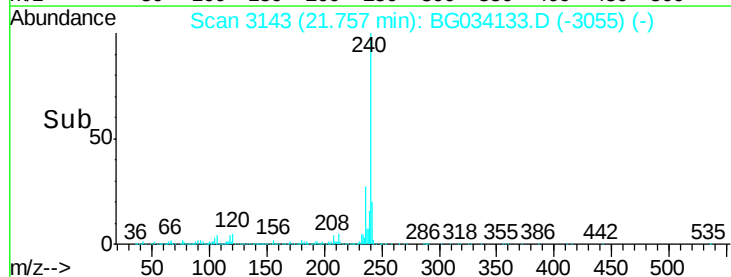
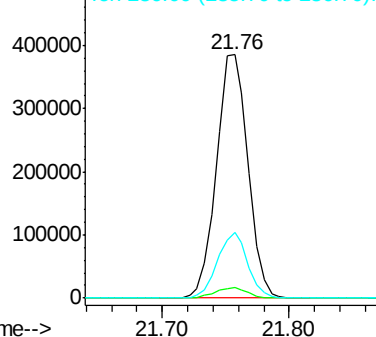


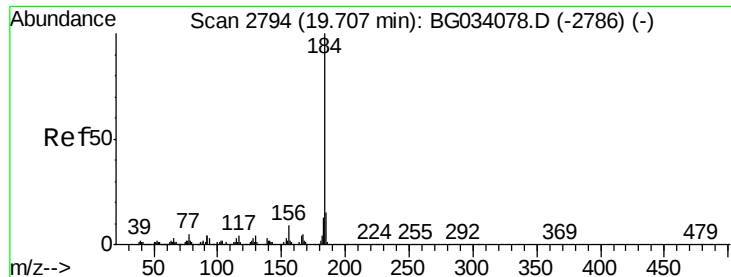
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034133.D
Acq: 3 May 2018 1:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	27.1	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: 12.607 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG034133.D

Acq: 3 May 2018 1:53

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-P5-WC

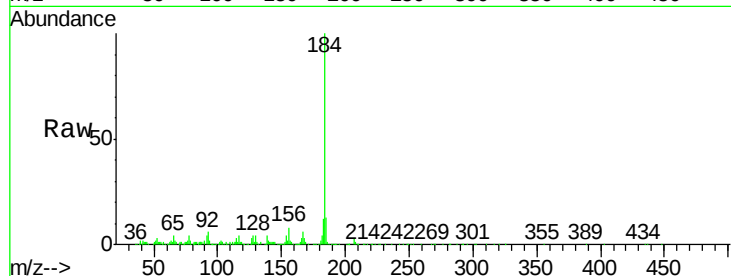
Tot Ion:184 Resp: 215778

Ion Ratio Lower Upper

184 100

185 13.4 11.1 16.7

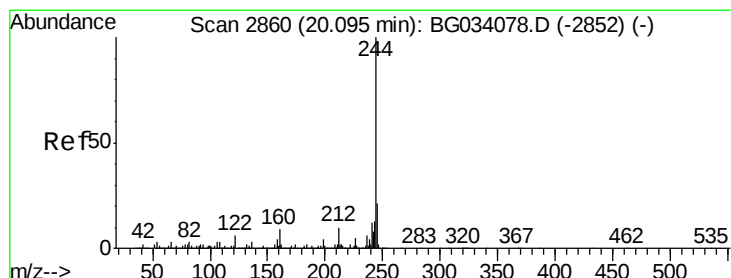
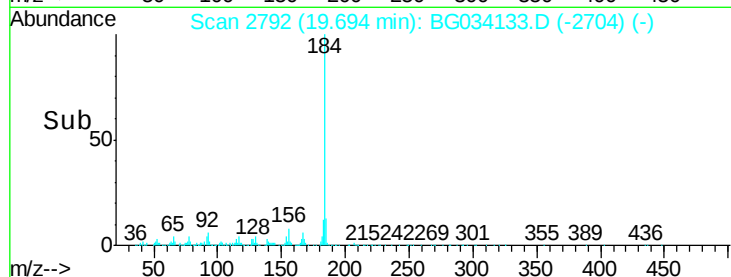
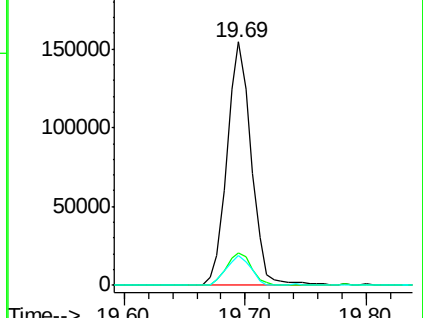
183 12.2 10.6 16.0



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: 90.097 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034133.D

Acq: 3 May 2018 1:53

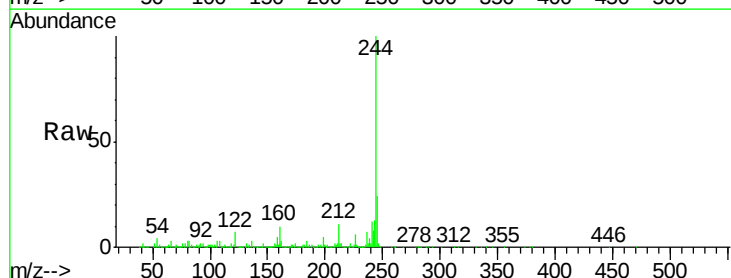
Tgt Ion:244 Resp: 2732719

Ion Ratio Lower Upper

244 100

212 10.9 5.8 8.8#

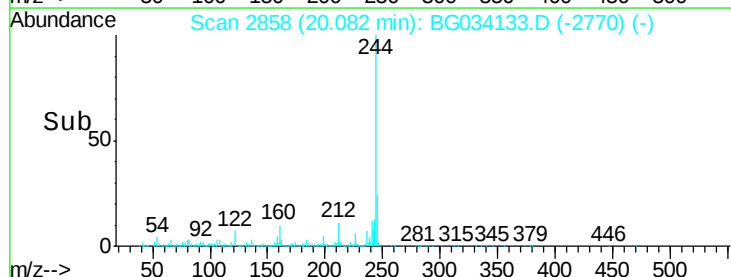
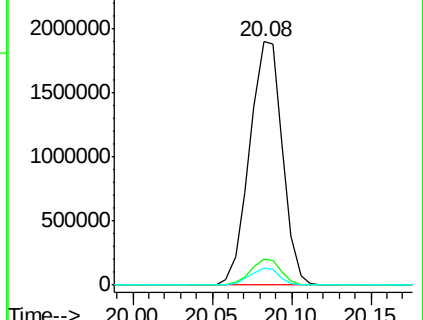
122 7.0 7.0 10.4

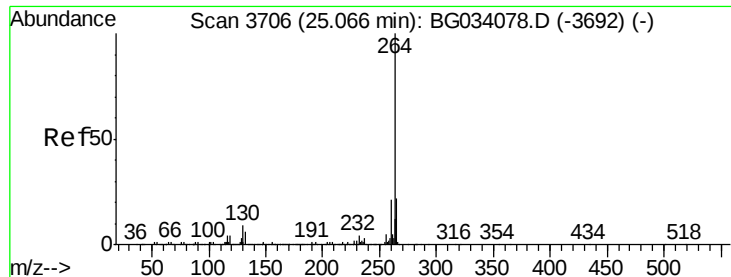


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG034133.D
 Acq: 3 May 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-P5-WC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	25.3	17.7	26.5

