

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034146.D
 Acq On : 3 May 2018 11:25
 Operator : SJ/JU
 Sample : J2667-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 137-132-165

Quant Time: May 03 12:06:50 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	67712	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	258259	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	210530	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	606733	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	739342	20.00	ng	-0.02
86) Perylene-d12	25.04	264	737264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	579383	138.24	ng	0.00
7) Phenol-d6	7.22	99	778751	119.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	656682	97.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	451374	154.83	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1340218	92.76	ng	-0.01
78) Terphenyl-d14	20.08	244	2958288	87.65	ng	-0.01

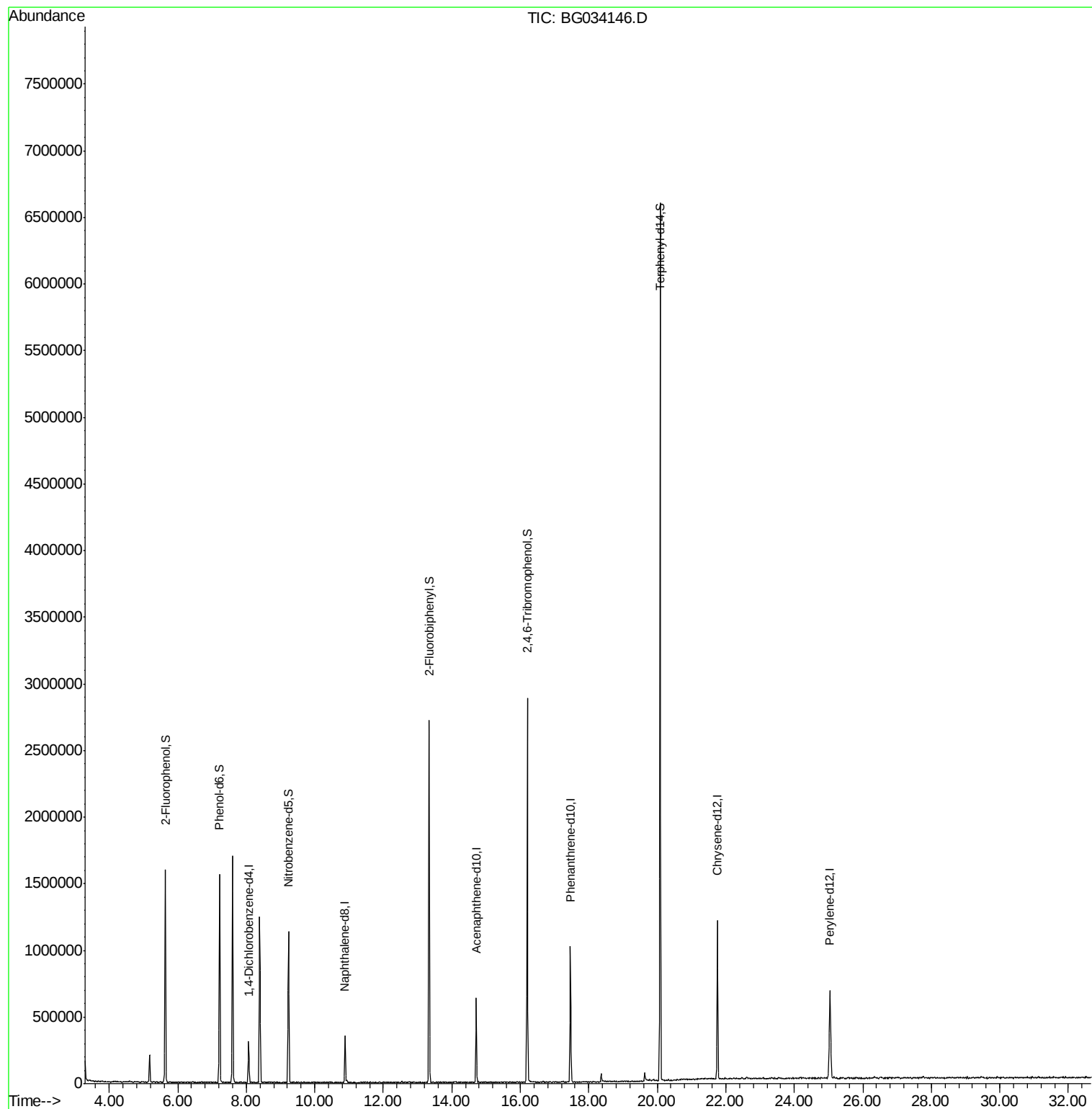
Target Compounds Qvalue

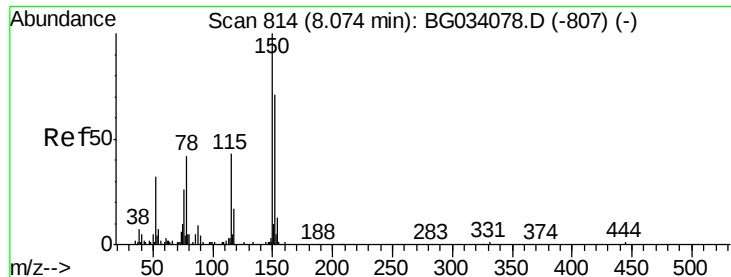
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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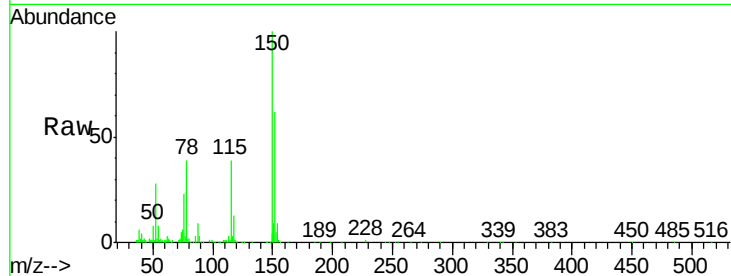


#1

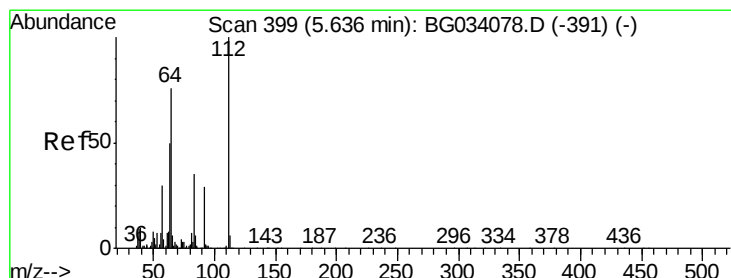
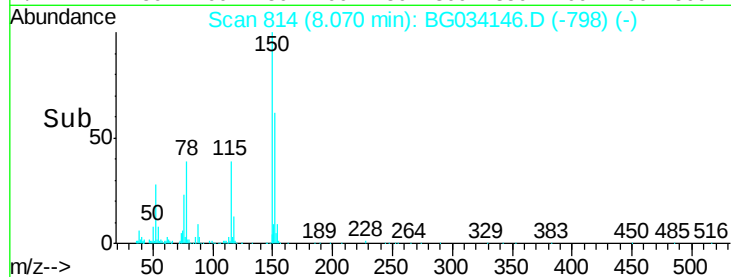
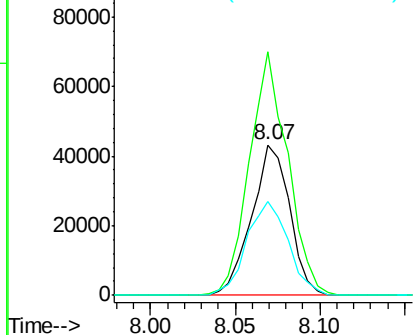
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034146.D
Acq: 3 May 2018 11:25

Instrument :
BNA_G
ClientSampleId :
137-132-165

Tot Ion:152 Resp: 67712
Ion Ratio Lower Upper
152 100
150 161.6 126.6 189.8
115 62.7 53.0 79.4



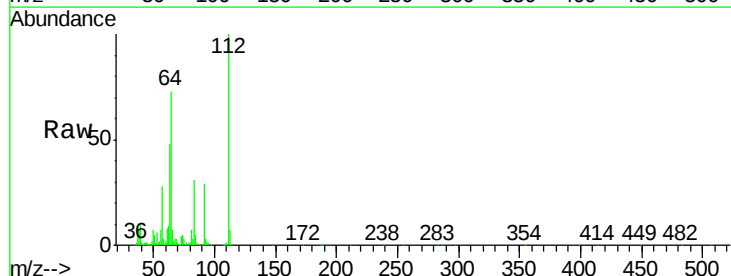
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



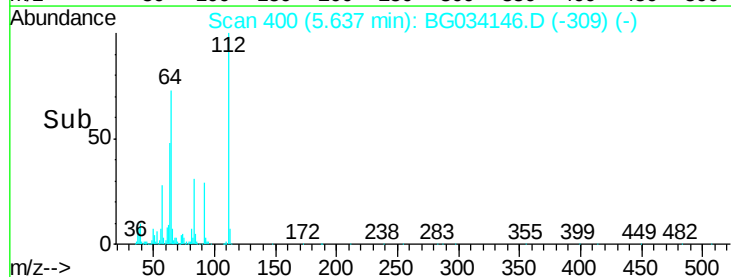
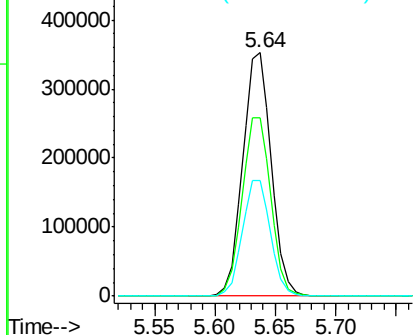
#5

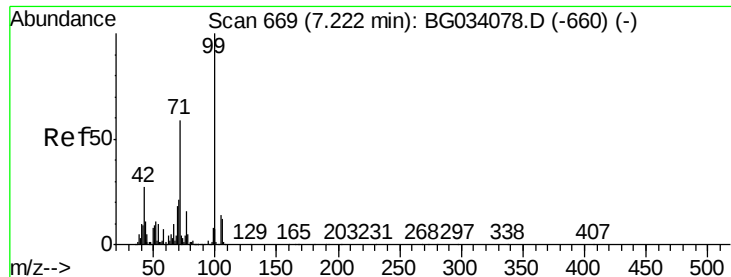
2-Fluorophenol
Concen: 138.243 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034146.D
Acq: 3 May 2018 11:25

Tgt Ion:112 Resp: 579383
Ion Ratio Lower Upper
112 100
64 73.4 56.3 84.5
63 47.6 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: 119.355 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034146.D

Acq: 3 May 2018 11:25

Instrument :

BNA_G

ClientSampleId :

137-132-165

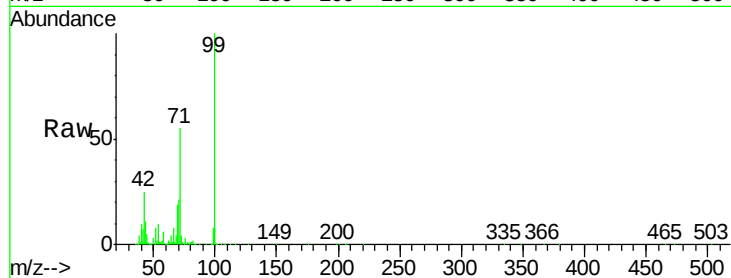
Tot Ion: 99 Resp: 778751

Ion Ratio Lower Upper

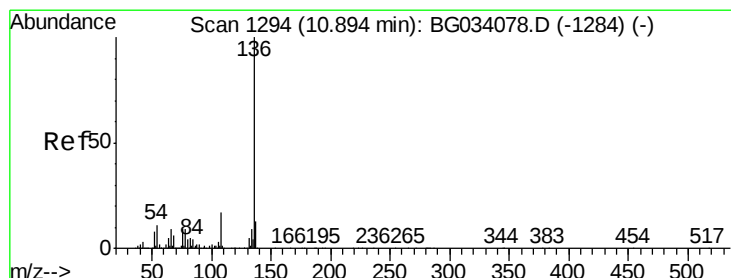
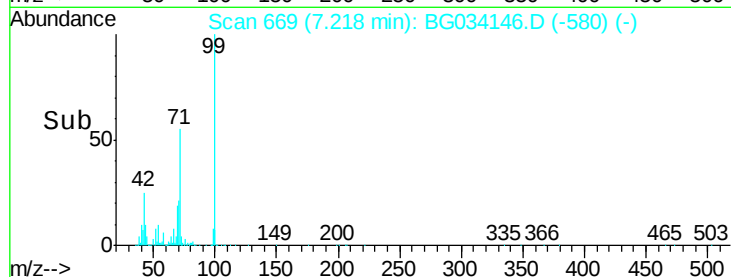
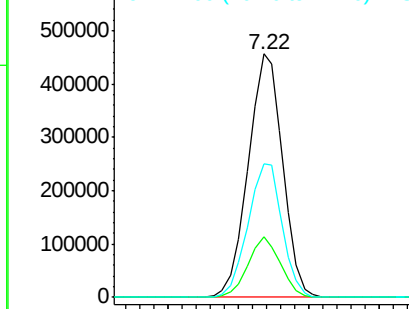
99 100

42 24.8 14.1 21.1#

71 55.1 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# 1294

Delta R.T. -0.00 min

Lab File: BG034146.D

Acq: 3 May 2018 11:25

Tgt Ion: 136 Resp: 258259

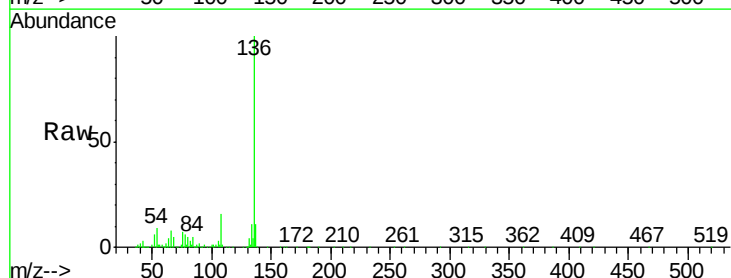
Ion Ratio Lower Upper

136 100

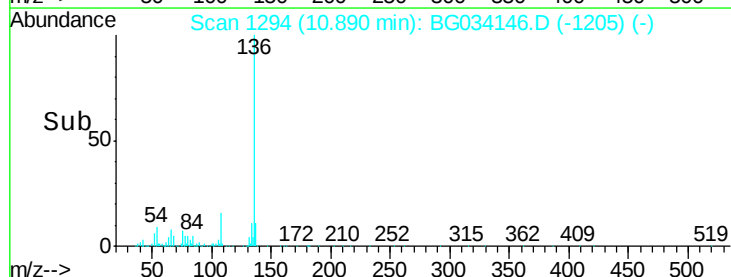
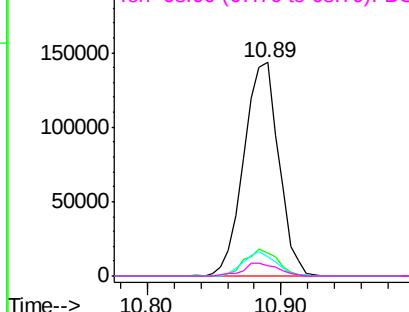
137 10.6 9.2 13.8

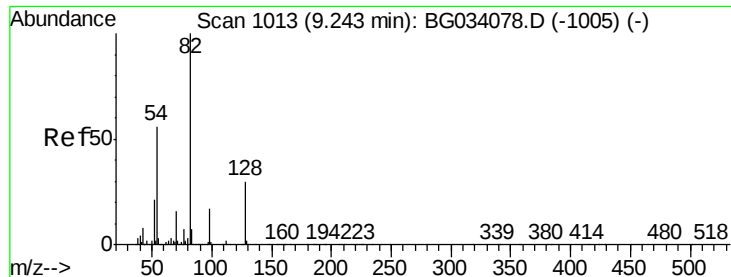
54 8.7 10.3 15.5#

68 4.9 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

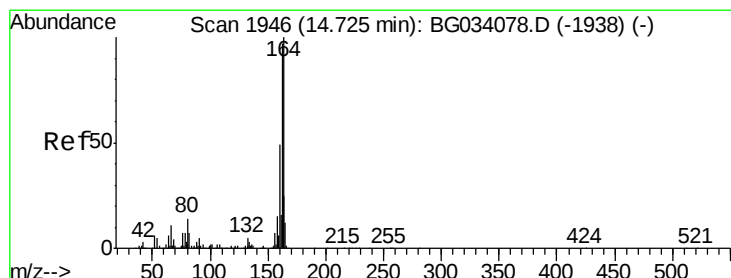
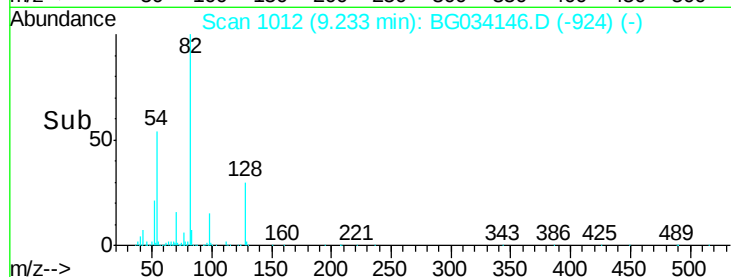
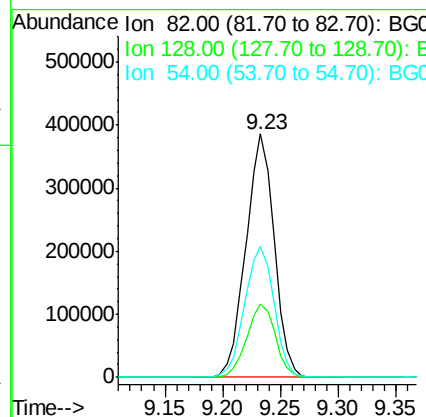
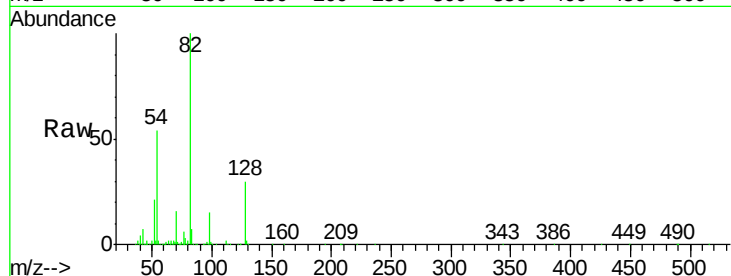




#23
 Nitrobenzene-d5
 Concen: 97.559 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034146.D
 Acq: 3 May 2018 11:25

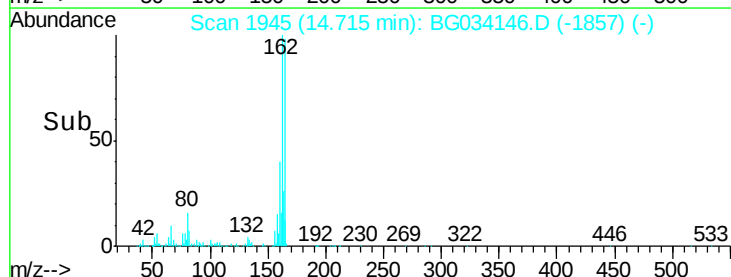
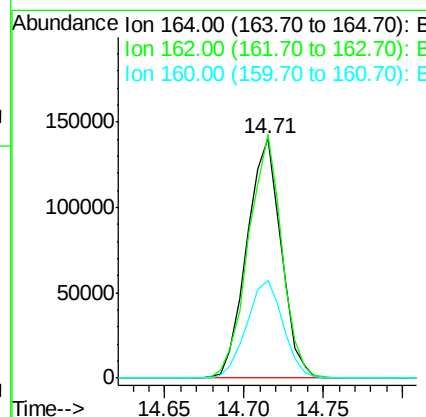
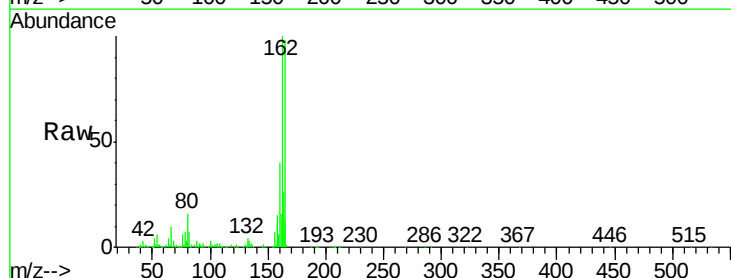
Instrument :
 BNA_G
 ClientSampleId :
 137-132-165

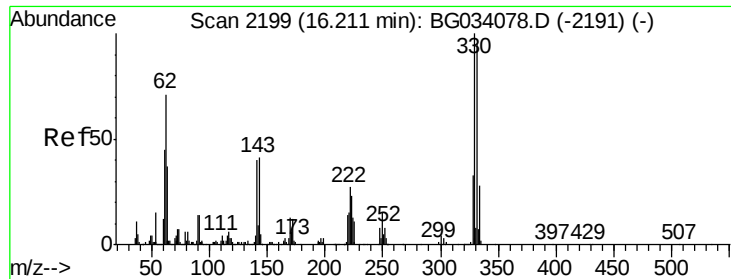
Tot Ion	82	Resp	656682
Ion Ratio	Lower	Upper	
82	100		
128	30.2	29.7	44.5
54	53.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034146.D
 Acq: 3 May 2018 11:25

Tgt Ion	164	Resp	210530
Ion Ratio	Lower	Upper	
164	100		
162	101.8	78.8	118.2
160	40.7	35.4	53.0

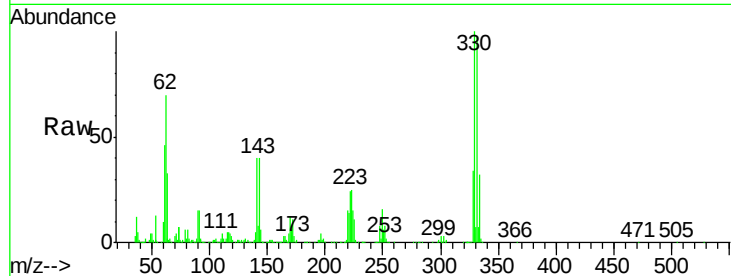




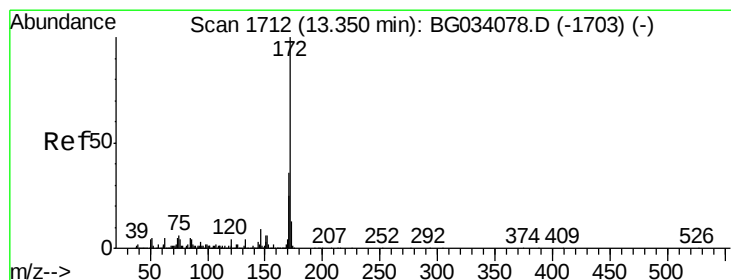
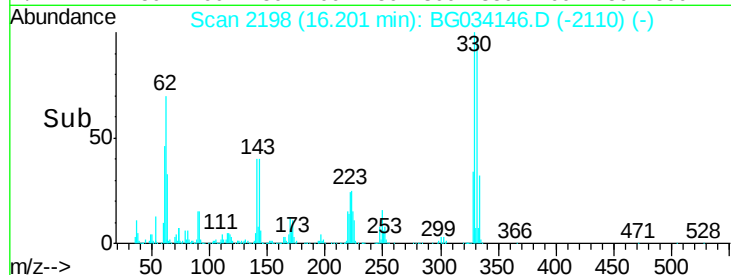
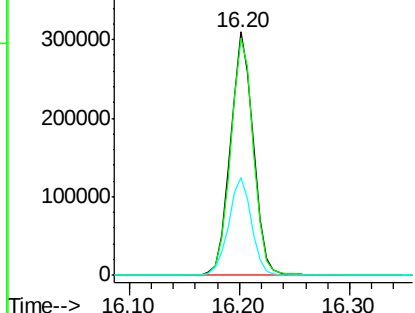
#41
 2,4,6-Tribromophenol
 Concen: 154.833 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034146.D
 Acq: 3 May 2018 11:25

Instrument :
 BNA_G
 ClientSampleId :
 137-132-165

Tot Ion:330 Resp: 451374
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 40.1 25.2 37.8#

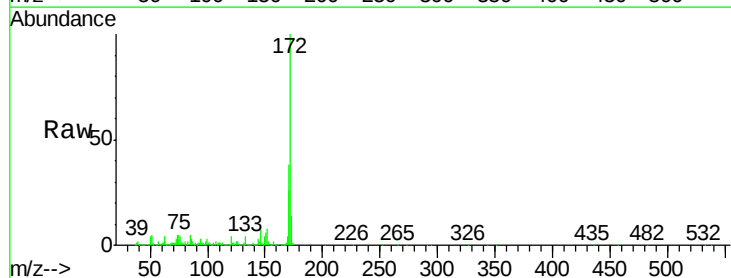


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

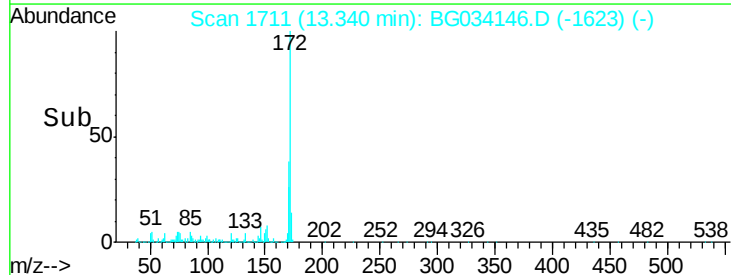
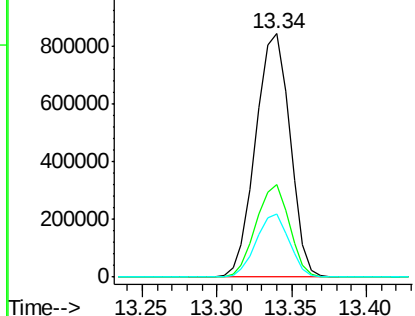


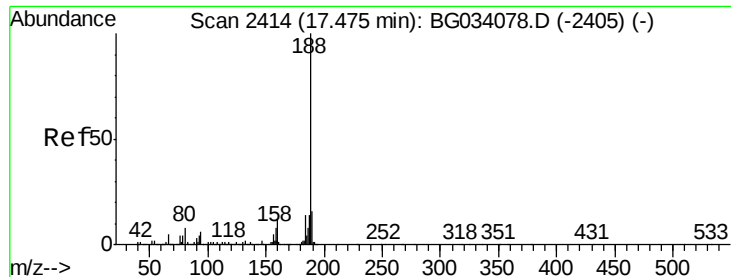
#44
 2-Fluorobiphenyl
 Concen: 92.761 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034146.D
 Acq: 3 May 2018 11:25

Tgt Ion:172 Resp: 1340218
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 25.8 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# 2413

Delta R.T. -0.01 min

Lab File: BG034146.D

Acq: 3 May 2018 11:25

Instrument :

BNA_G

ClientSampleId :

137-132-165

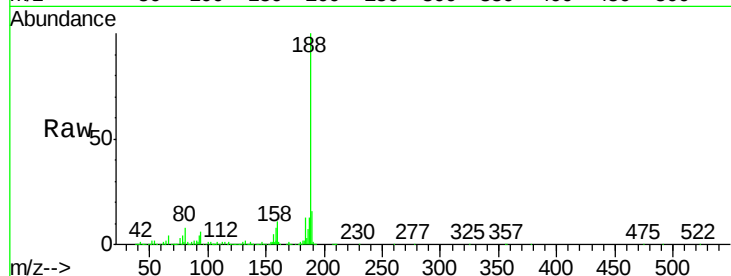
Tot Ion:188 Resp: 606733

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

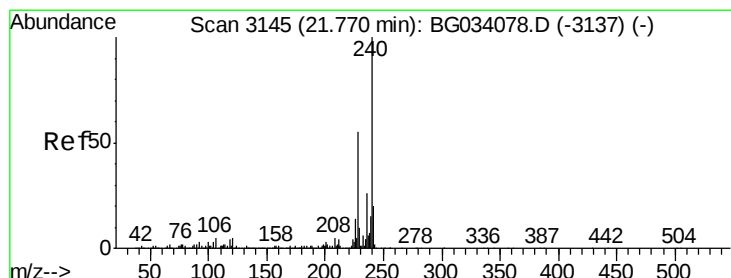
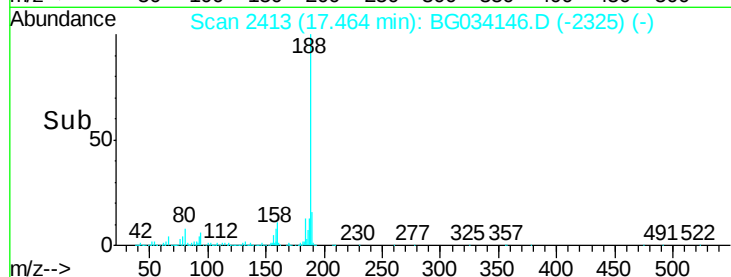
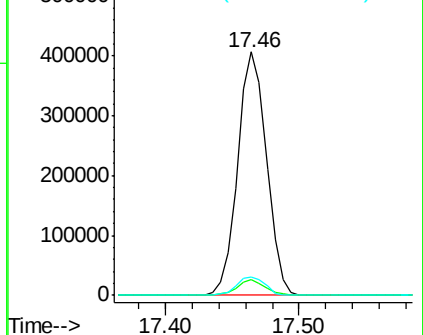
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG034146.D

Acq: 3 May 2018 11:25

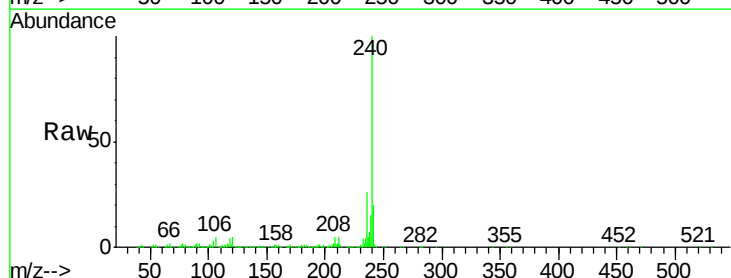
Tgt Ion:240 Resp: 739342

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

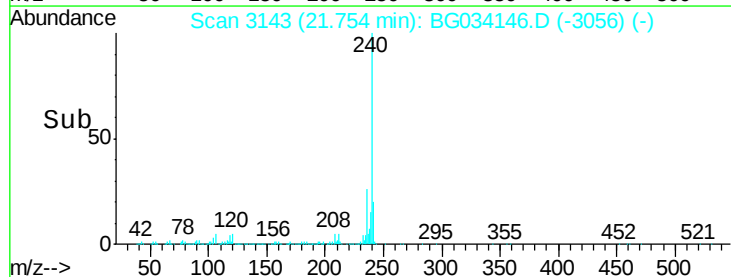
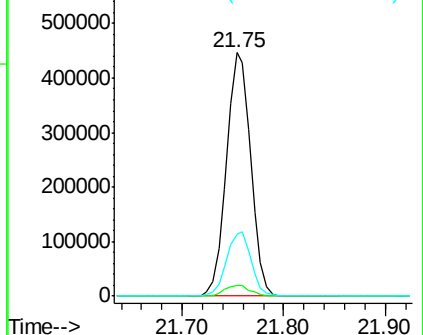
236 25.7 20.9 31.3

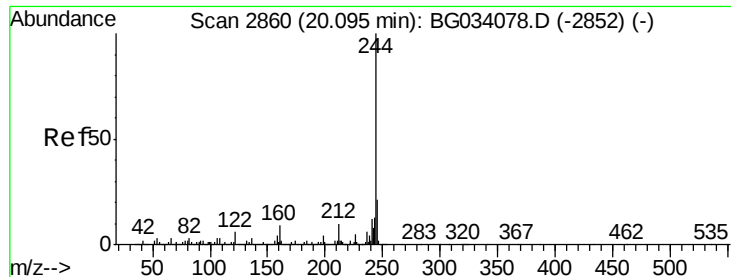


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.654 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034146.D

Acq: 3 May 2018 11:25

Instrument :

BNA_G

ClientSampled :

137-132-165

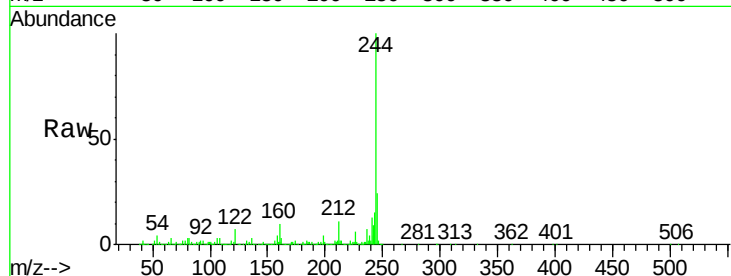
Tot Ion:244 Resp: 2958288

Ion Ratio Lower Upper

244 100

212 10.9 5.8 8.8#

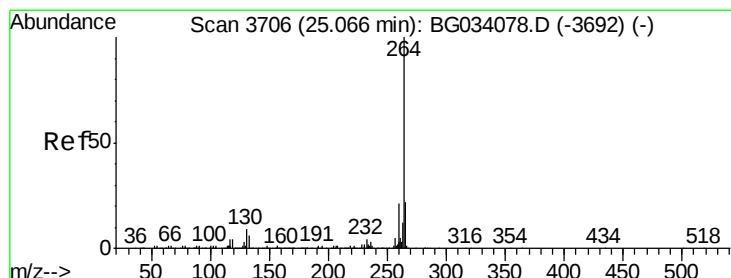
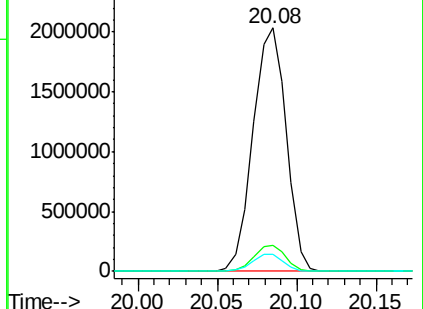
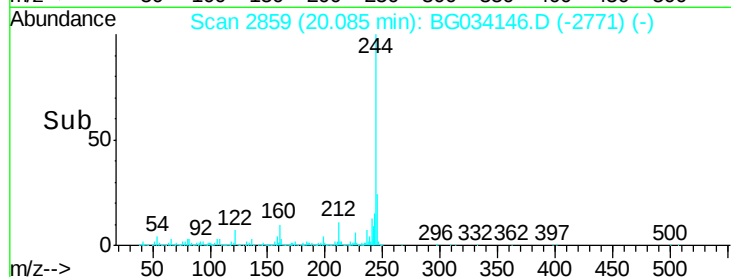
122 6.9 7.0 10.4#



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# 3703

Delta R.T. -0.02 min

Lab File: BG034146.D

Acq: 3 May 2018 11:25

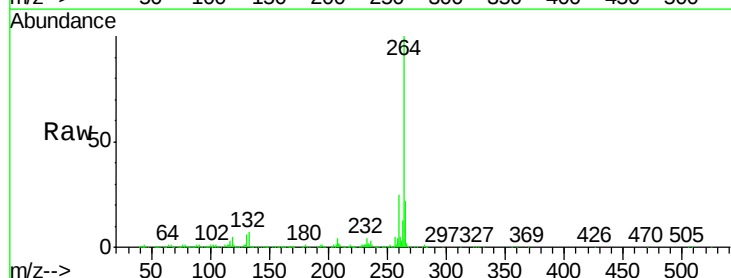
Tgt Ion:264 Resp: 737264

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 22.1 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

