

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032842.D
 Acq On : 27 Feb 2018 4:26
 Operator : SJ/JU
 Sample : J1691-32
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B8

Quant Time: Feb 27 07:16:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	76873	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	327556	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	178552	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	410782	20.00	ng	0.00
75) Chrysene-d12	22.62	240	393238	20.00	ng	-0.01
86) Perylene-d12	26.43	264	404660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	654543	136.22	ng	0.00
7) Phenol-d6	8.02	99	788244	117.69	ng	0.00
23) Nitrobenzene-d5	10.12	82	537324	110.47	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	288444	153.64	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1191245	96.22	ng	0.00
78) Terphenyl-d14	20.79	244	1720908	98.32	ng	0.00

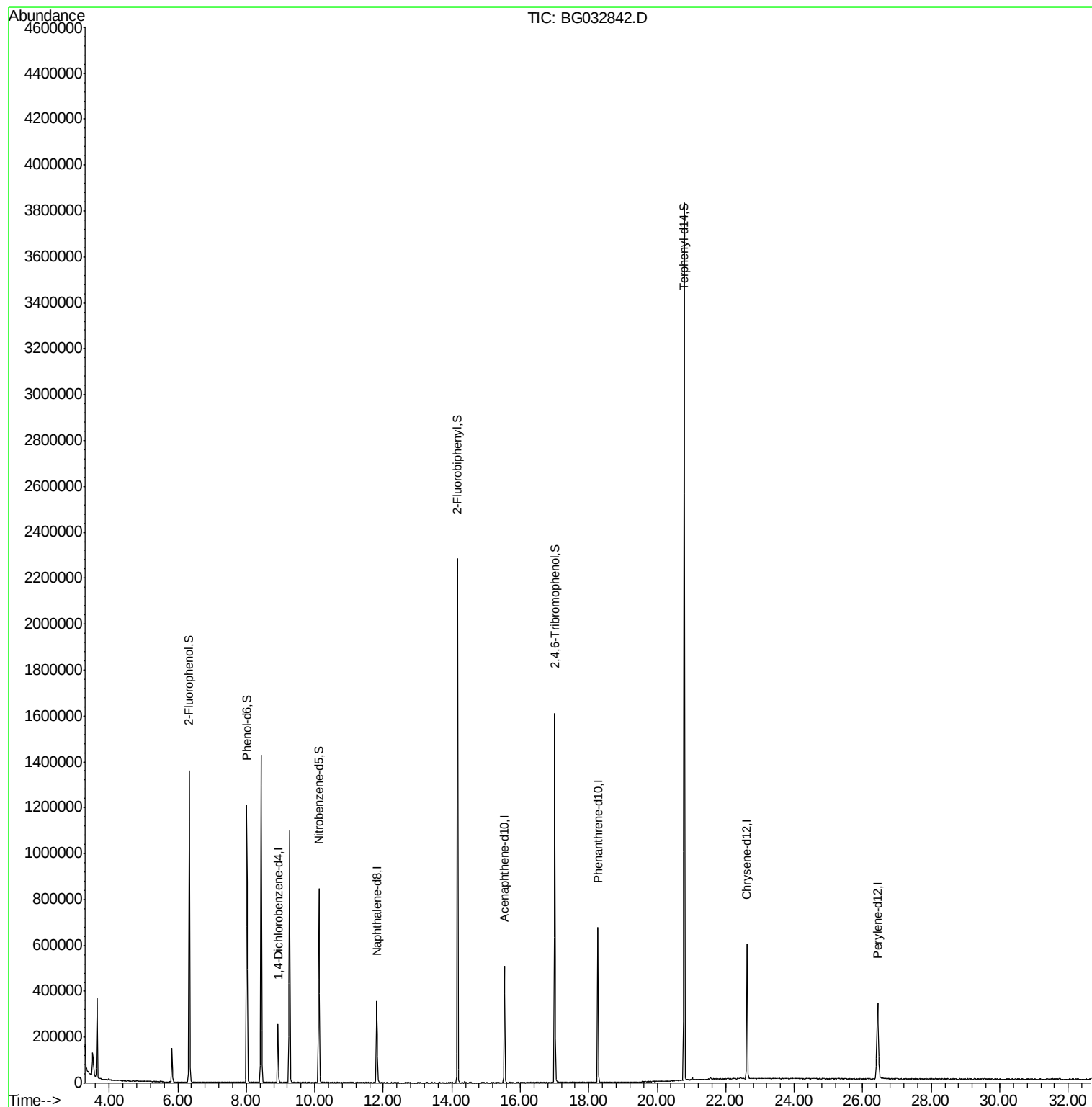
Target Compounds Qvalue

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

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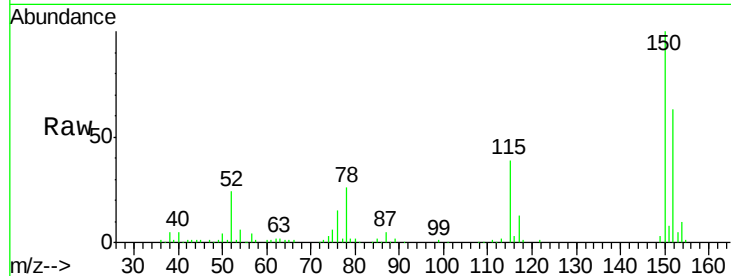


#1

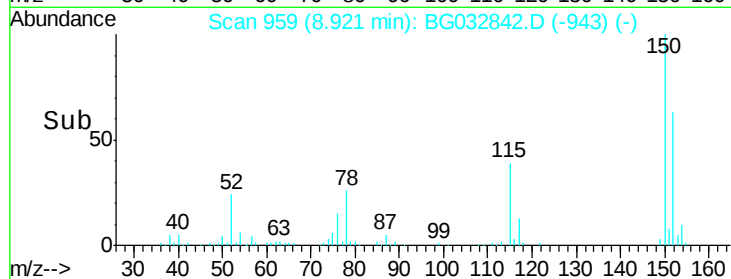
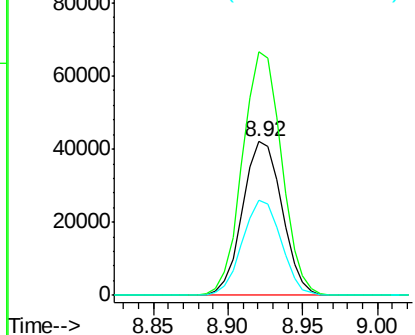
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032842.D
Acq: 27 Feb 2018 4:26

Instrument :
BNA_G
ClientSampled :
B8

Tot Ion:152 Resp: 76873
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 61.7 53.0 79.4



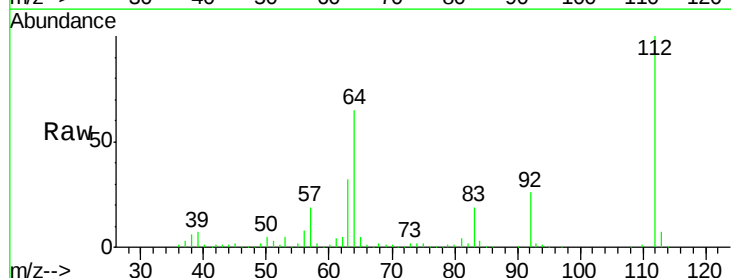
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



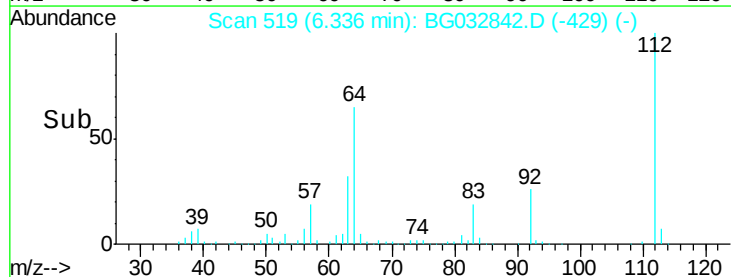
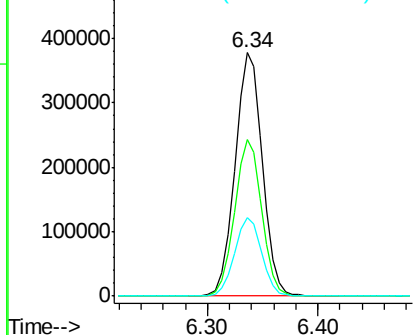
#5

2-Fluorophenol
Concen: 136.221 ng
RT: 6.34 min Scan# 519
Delta R.T. -0.00 min
Lab File: BG032842.D
Acq: 27 Feb 2018 4:26

Tgt Ion:112 Resp: 654543
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 32.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 117.692 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032842.D

Acq: 27 Feb 2018 4:26

Instrument :

BNA_G

ClientSampled :

B8

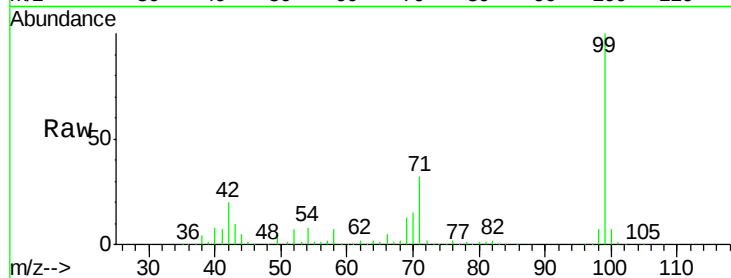
Tot Ion: 99 Resp: 788244

Ion Ratio Lower Upper

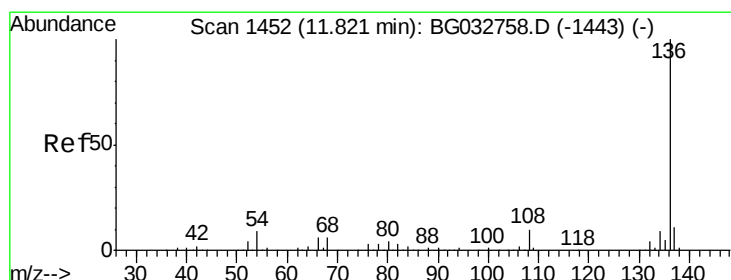
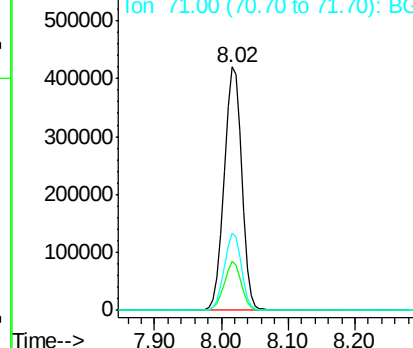
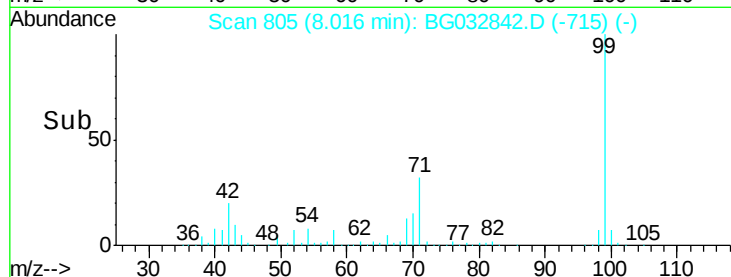
99 100

42 19.9 14.1 21.1

71 31.9 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: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032842.D

Acq: 27 Feb 2018 4:26

Tgt Ion: 136 Resp: 327556

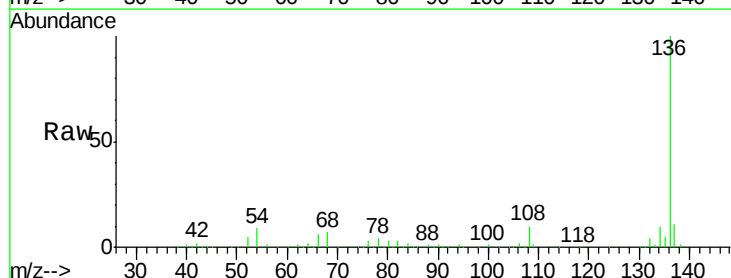
Ion Ratio Lower Upper

136 100

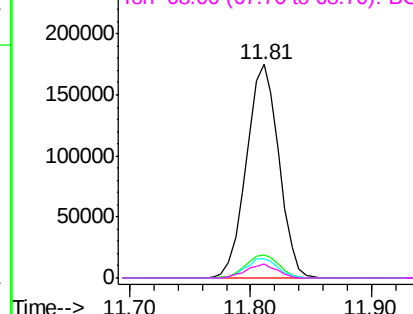
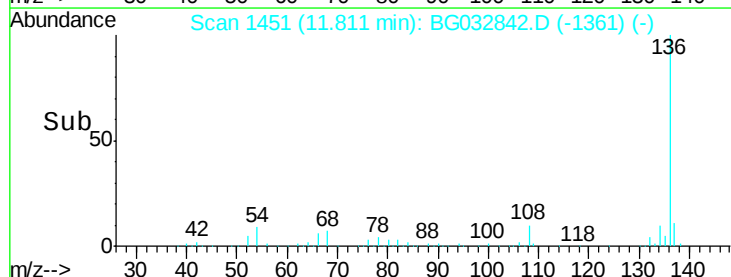
137 10.6 9.2 13.8

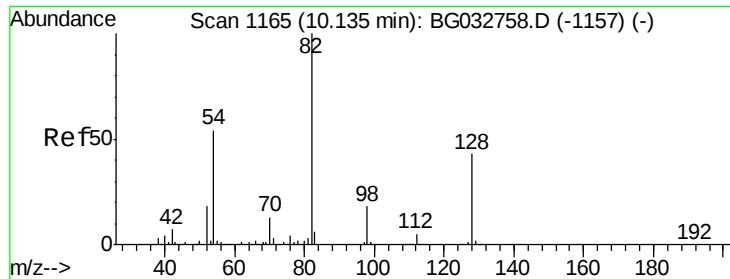
54 9.3 10.3 15.5#

68 6.6 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

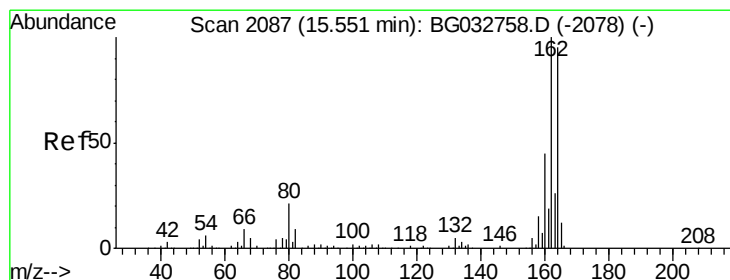
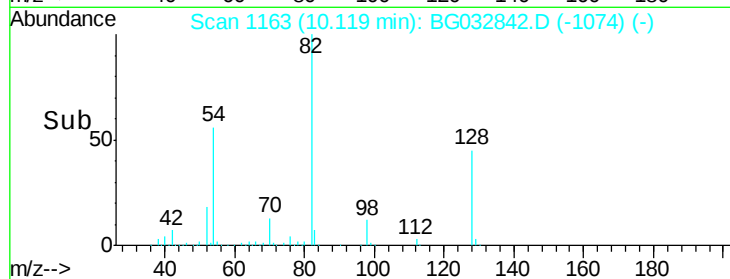
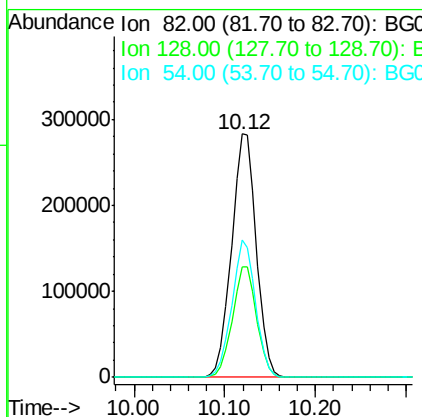
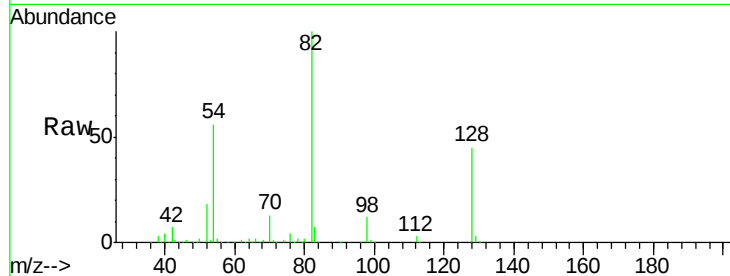




#23
 Nitrobenzene-d5
 Concen: 110.473 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032842.D
 Acq: 27 Feb 2018 4:26

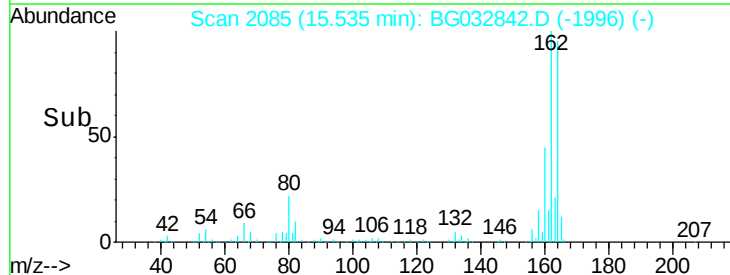
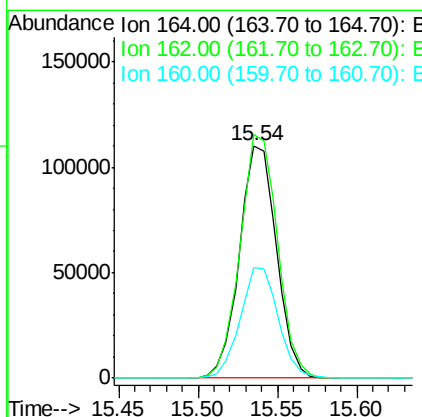
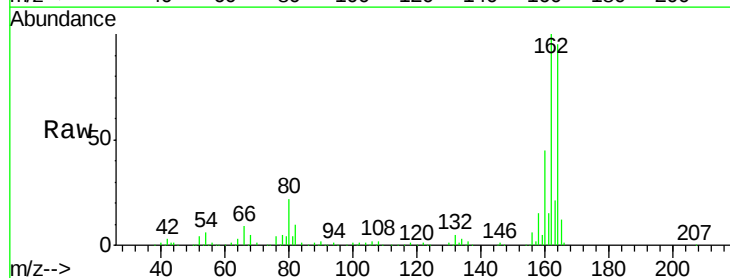
Instrument :
 BNA_G
 ClientSampled :
 B8

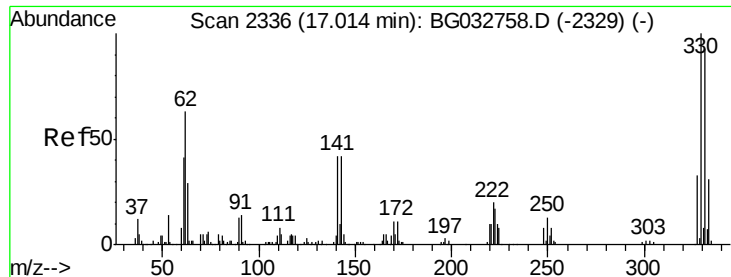
Tot Ion	82	Resp	537324
Ion Ratio	Lower	Upper	
82	100		
128	45.4	29.7	44.5#
54	56.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032842.D
 Acq: 27 Feb 2018 4:26

Tgt Ion	164	Resp	178552
Ion Ratio	Lower	Upper	
164	100		
162	104.7	78.8	118.2
160	47.6	35.4	53.0

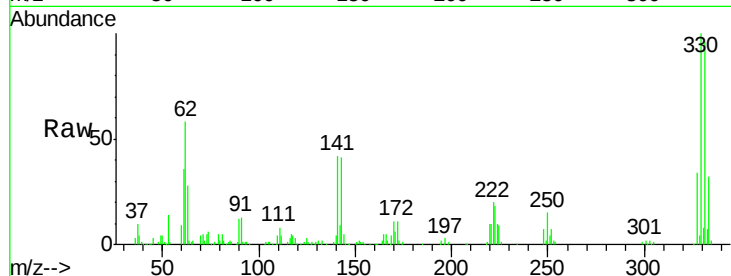




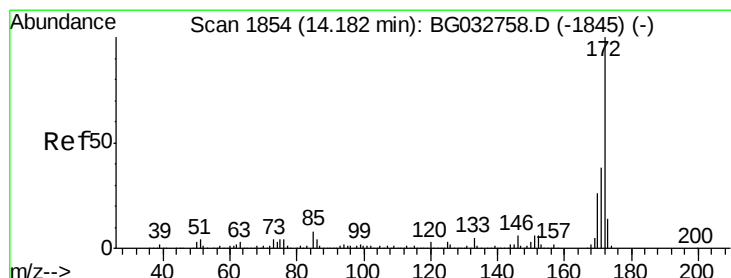
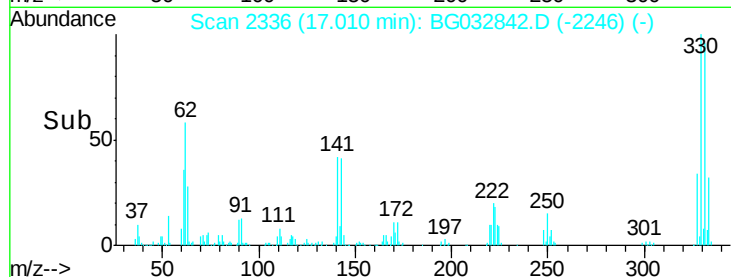
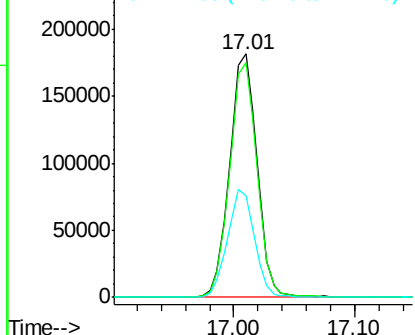
#41
 2,4,6-Tribromophenol
 Concen: 153.639 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032842.D
 Acq: 27 Feb 2018 4:26

Instrument :
 BNA_G
 ClientSampled :
 B8

Tot Ion:330 Resp: 288444
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 43.8 25.2 37.8#

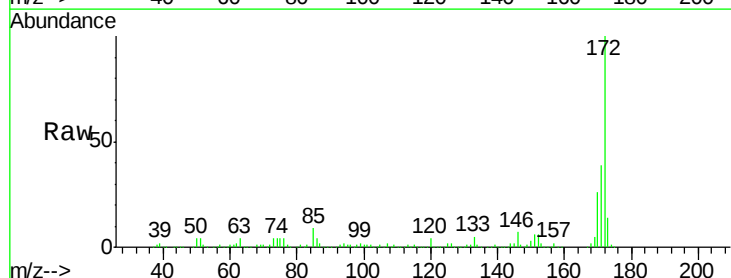


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

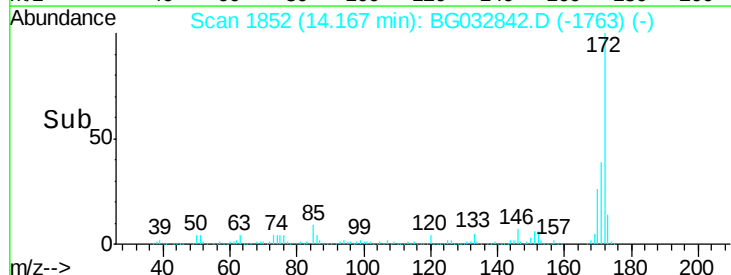
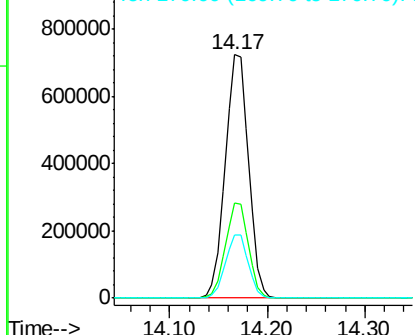


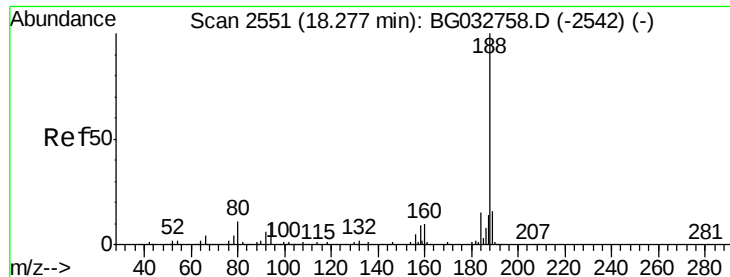
#44
 2-Fluorobiphenyl
 Concen: 96.223 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032842.D
 Acq: 27 Feb 2018 4:26

Tgt Ion:172 Resp: 1191245
 Ion Ratio Lower Upper
 172 100
 171 39.3 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

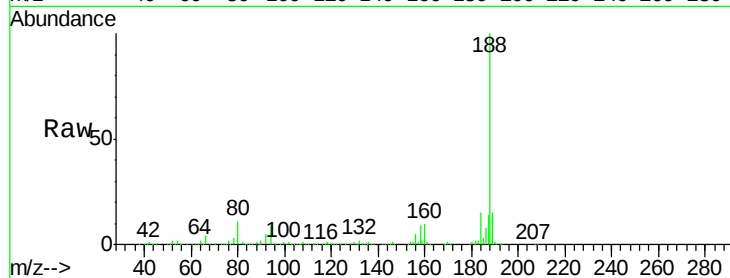




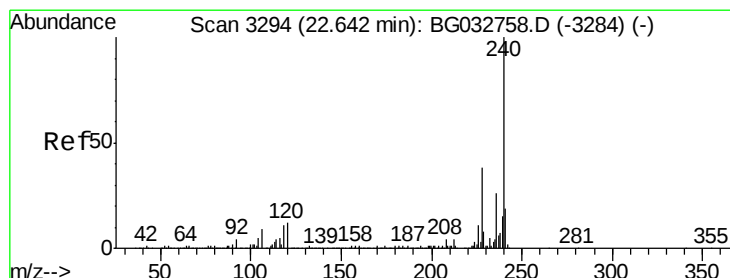
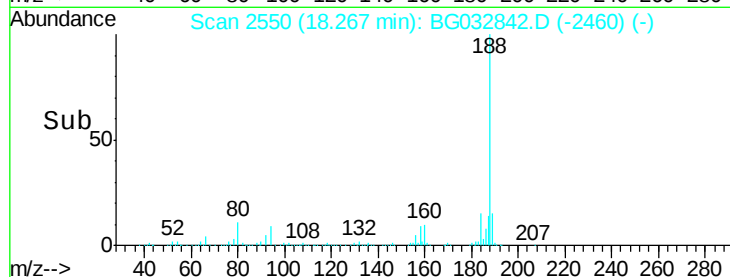
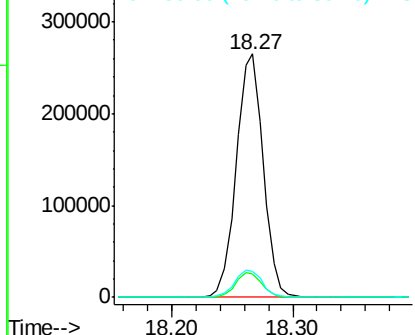
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032842.D
Acq: 27 Feb 2018 4:26

Instrument :
BNA_G
ClientSampleId :
B8

Tot Ion:188 Resp: 410782
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.5 7.7 11.5

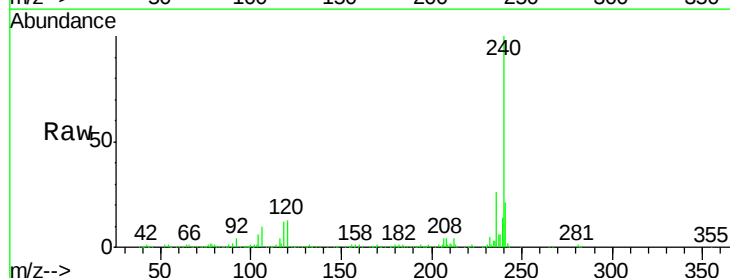


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

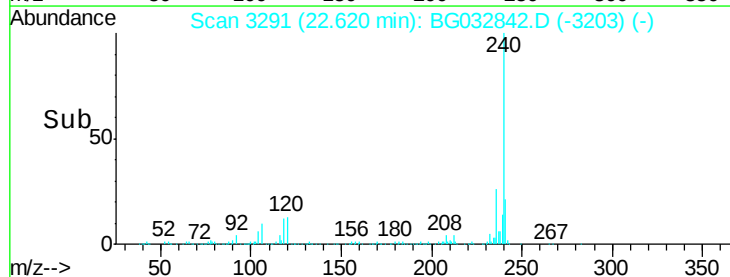
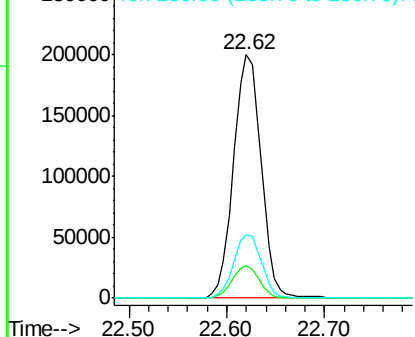


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032842.D
Acq: 27 Feb 2018 4:26

Tgt Ion:240 Resp: 393238
Ion Ratio Lower Upper
240 100
120 13.3 6.8 10.2#
236 26.2 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: 98.322 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG032842.D

Acq: 27 Feb 2018 4:26

Instrument :

BNA_G

ClientSampleId :

B8

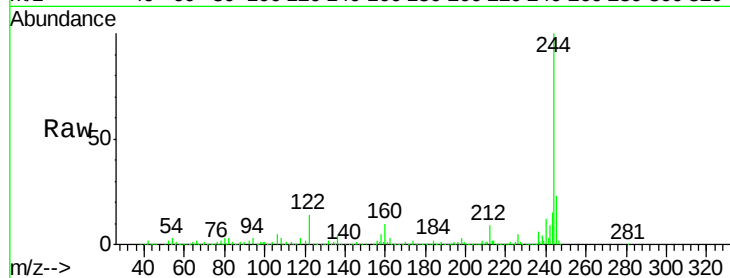
Tot Ion:244 Resp: 1720908

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

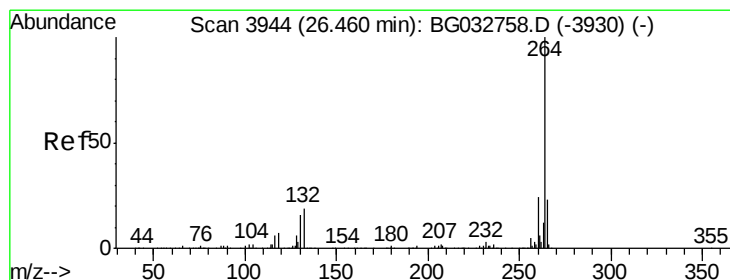
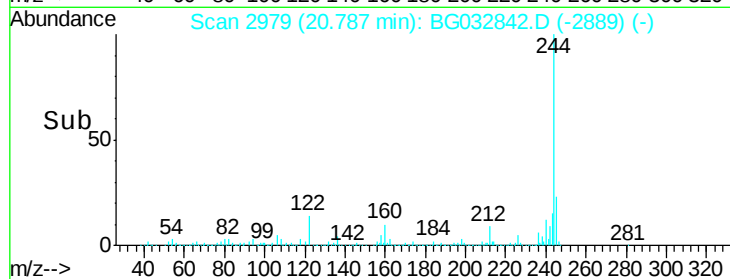
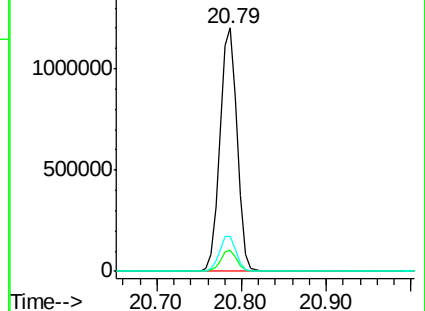
122 14.2 7.0 10.4#



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: 26.43 min Scan# 3940

Delta R.T. -0.01 min

Lab File: BG032842.D

Acq: 27 Feb 2018 4:26

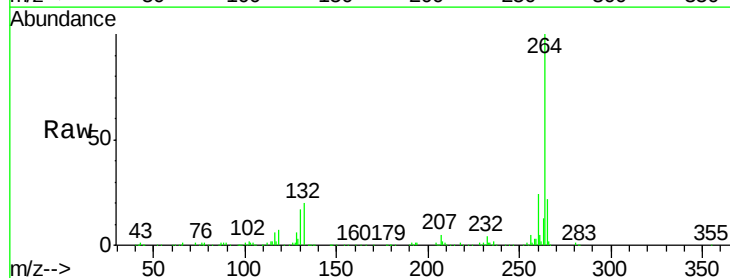
Tgt Ion:264 Resp: 404660

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.3 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

