

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032934.D
 Acq On : 2 Mar 2018 1:47
 Operator : SJ/JU
 Sample : PB106973BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BL

Quant Time: Mar 02 10:48:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	57997	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	250068	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	141004	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	335455	20.00	ng	0.00
75) Chrysene-d12	22.62	240	316389	20.00	ng	0.00
86) Perylene-d12	26.44	264	304903	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	413510	114.07	ng	0.00
7) Phenol-d6	8.02	99	536650	106.21	ng	0.00
23) Nitrobenzene-d5	10.12	82	303732	84.37	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	102893	69.40	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	705623	72.17	ng	0.00
78) Terphenyl-d14	20.78	244	1079704	76.67	ng	0.00

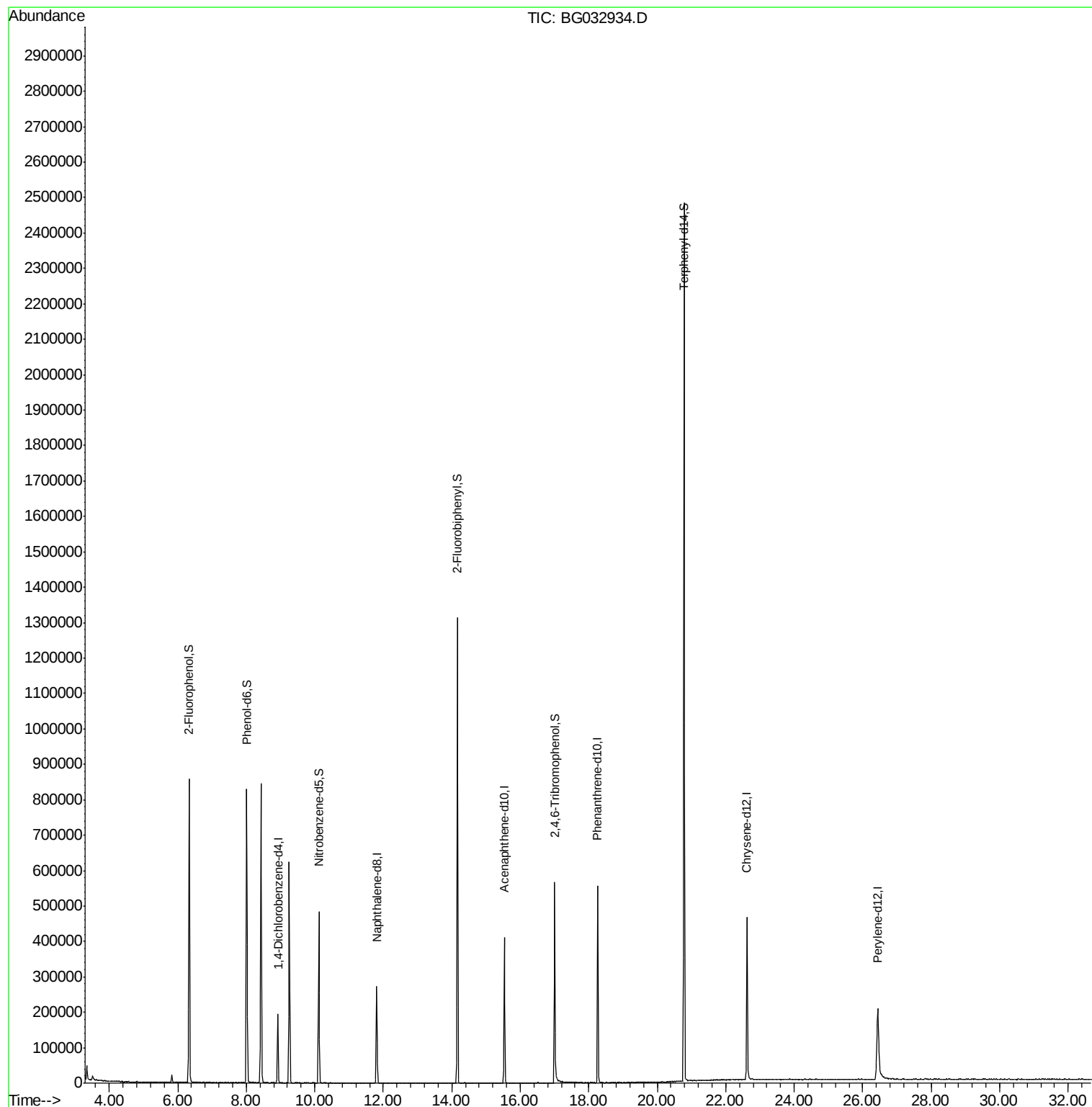
Target Compounds Qvalue

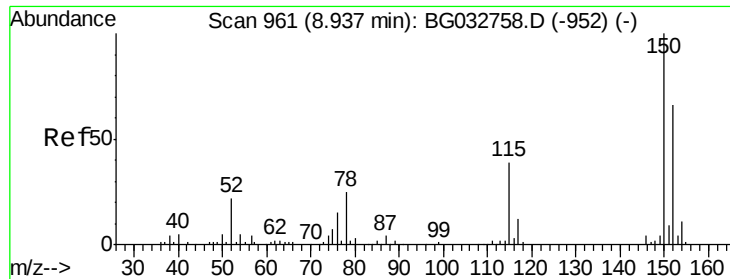
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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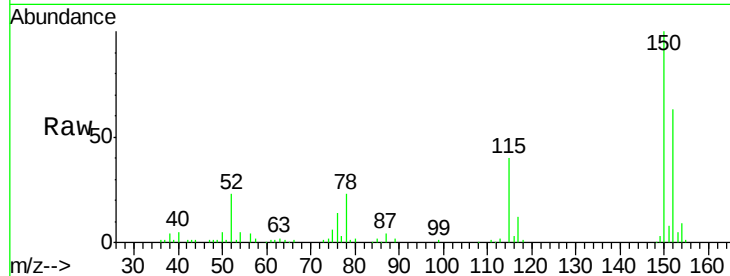


#1

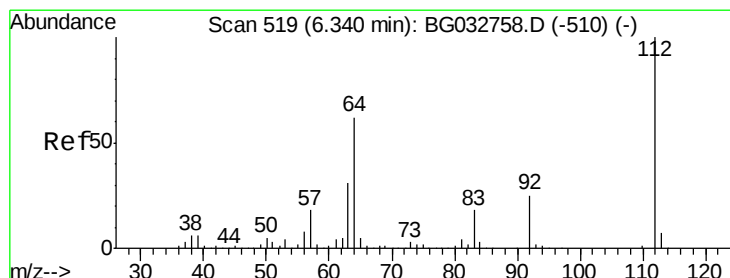
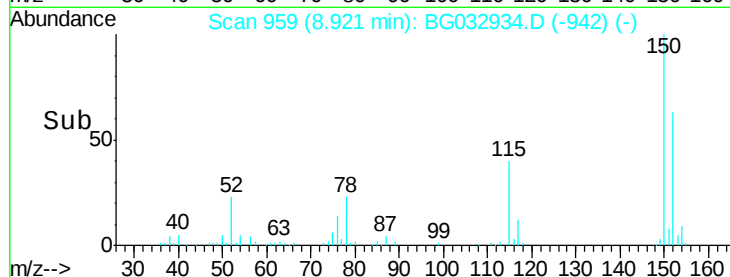
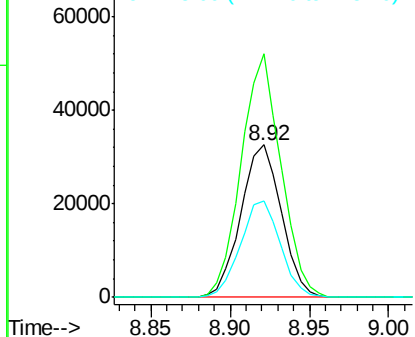
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032934.D
Acq: 2 Mar 2018 1:47

Instrument :
BNA_G
ClientSampleId :
PB106973BL

Tot Ion:152 Resp: 57997
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 63.4 53.0 79.4



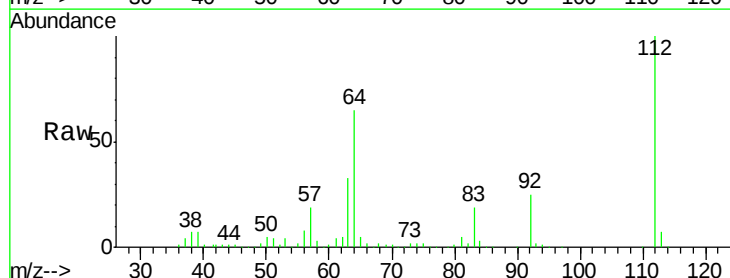
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



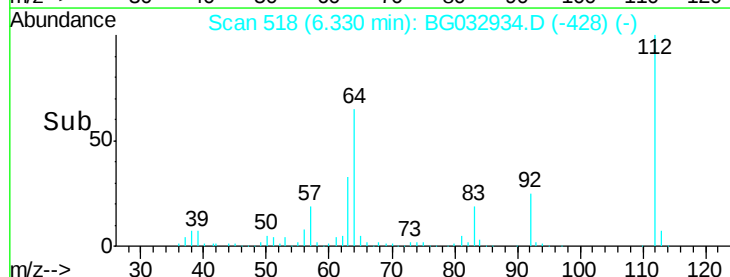
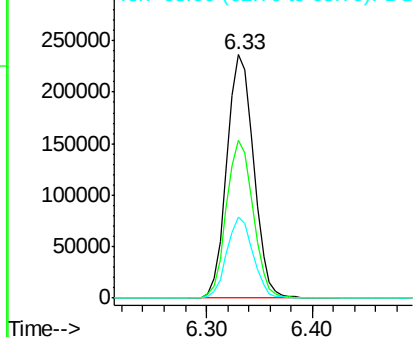
#5

2-Fluorophenol
Concen: 114.067 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032934.D
Acq: 2 Mar 2018 1:47

Tgt Ion:112 Resp: 413510
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 33.1 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: 106.205 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032934.D

Acq: 2 Mar 2018 1:47

Instrument :

BNA_G

ClientSampleId :

PB106973BL

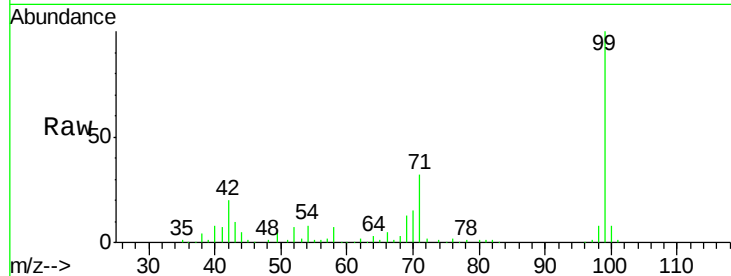
Tot Ion: 99 Resp: 536650

Ion Ratio Lower Upper

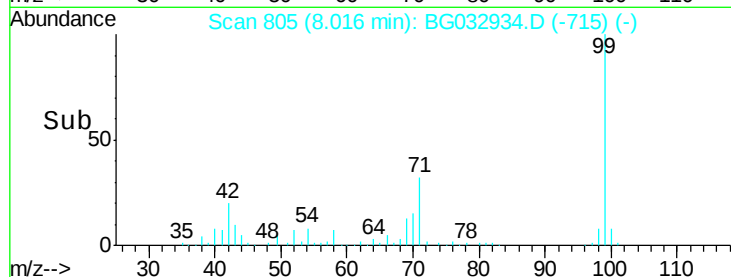
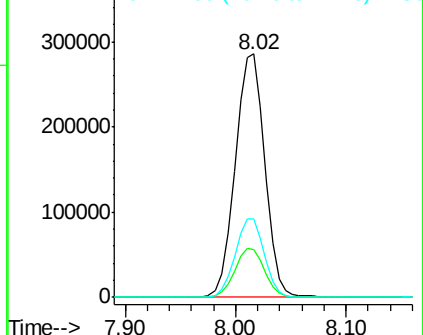
99 100

42 19.8 14.1 21.1

71 32.0 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: 11.81 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BG032934.D

Acq: 2 Mar 2018 1:47

Tgt Ion: 136 Resp: 250068

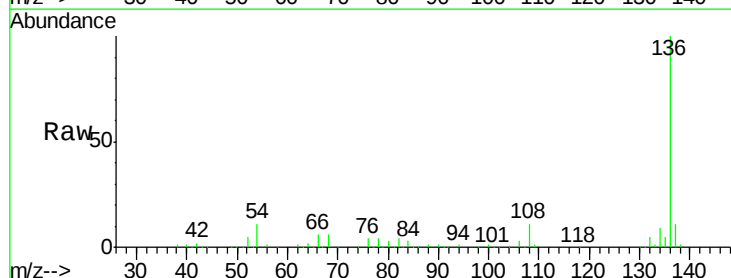
Ion Ratio Lower Upper

136 100

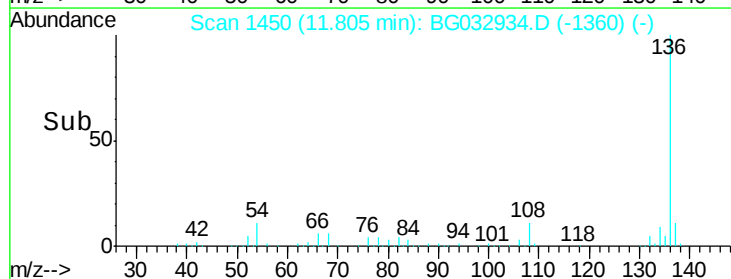
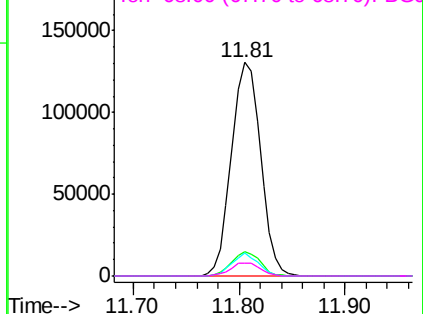
137 11.1 9.2 13.8

54 10.6 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

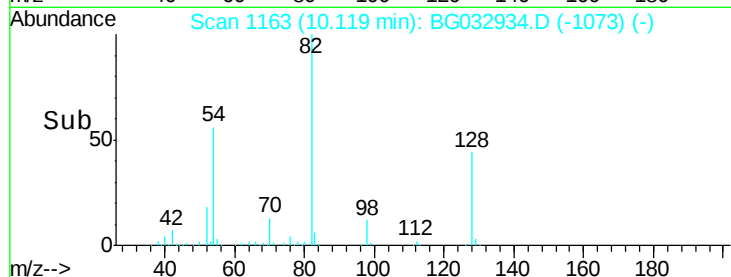
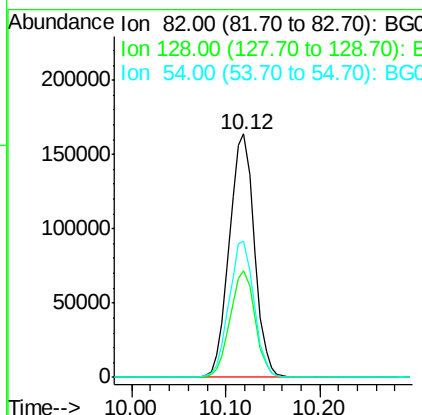
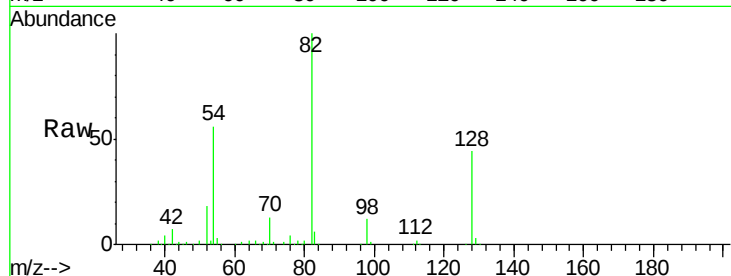




#23
Nitrobenzene-d5
Concen: 84.370 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BG032934.D
Acq: 2 Mar 2018 1:47

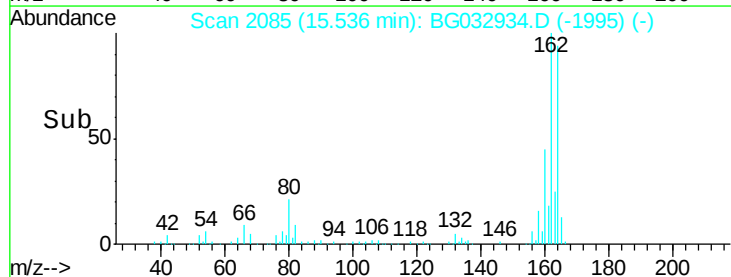
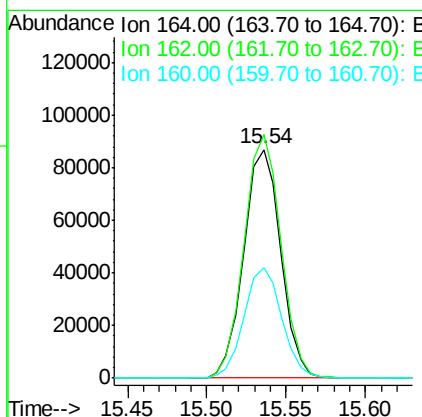
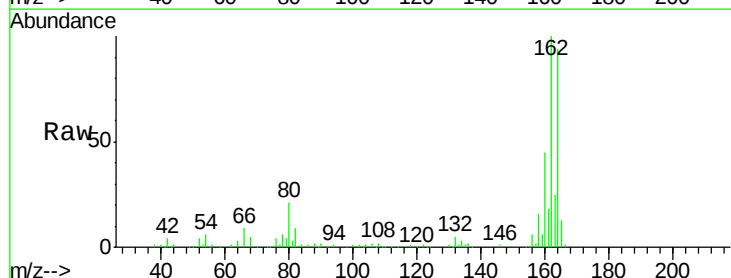
Instrument :
BNA_G
ClientSampled :
PB106973BL

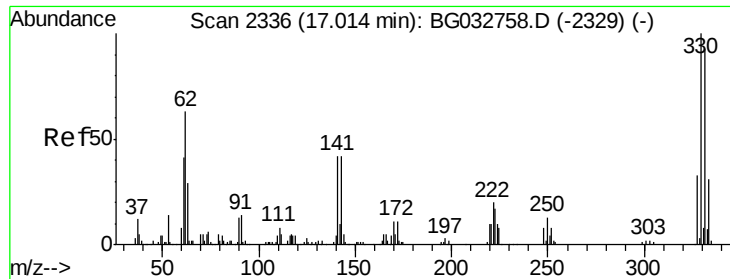
Tot Ion	82	Resp	303732
Ion Ratio	Lower	Upper	
82	100		
128	44.0	29.7	44.5
54	55.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032934.D
Acq: 2 Mar 2018 1:47

Tgt Ion	164	Resp	141004
Ion Ratio	Lower	Upper	
164	100		
162	106.5	78.8	118.2
160	48.2	35.4	53.0

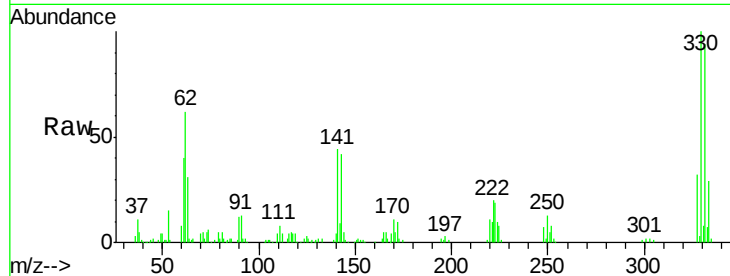




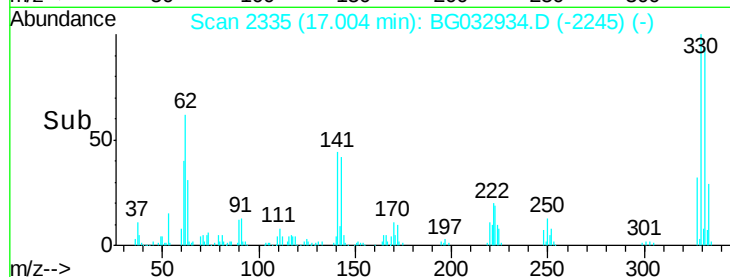
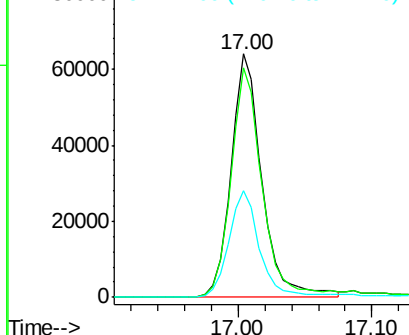
#41
 2,4,6-Tribromophenol
 Concen: 69.400 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032934.D
 Acq: 2 Mar 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BL

Tot Ion:330 Resp: 102893
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 44.8 25.2 37.8#

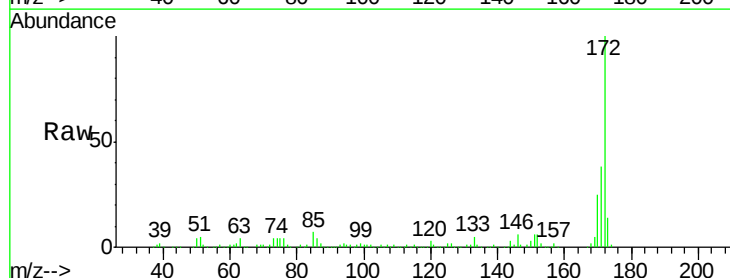


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

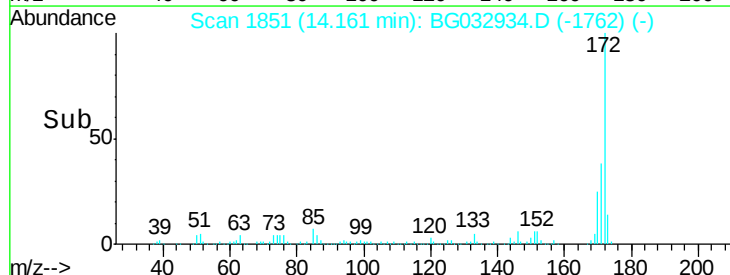
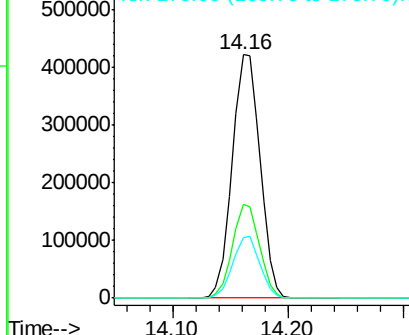


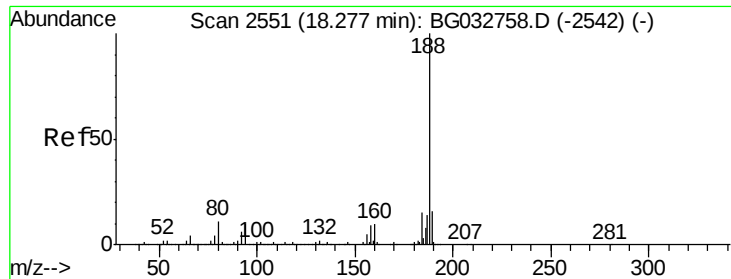
#44
 2-Fluorobiphenyl
 Concen: 72.174 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032934.D
 Acq: 2 Mar 2018 1:47

Tgt Ion:172 Resp: 705623
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.0 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

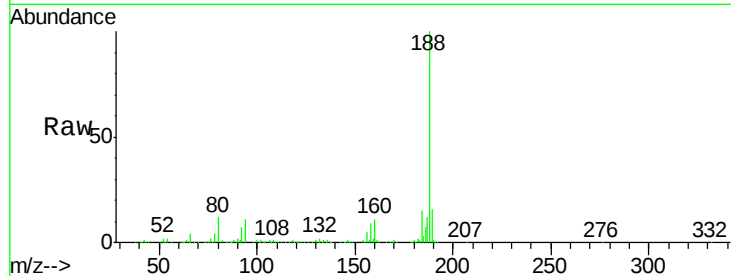




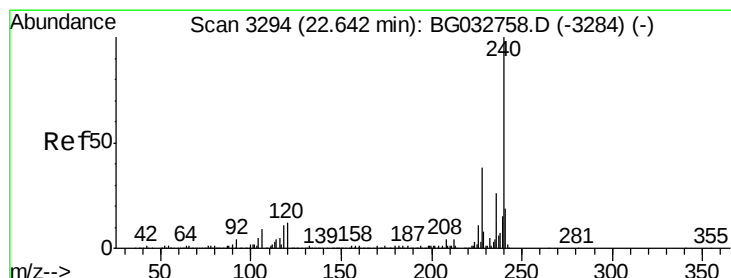
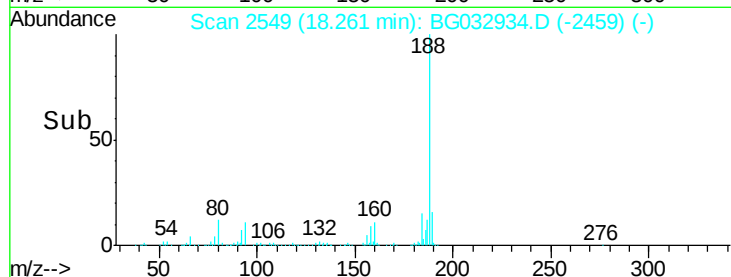
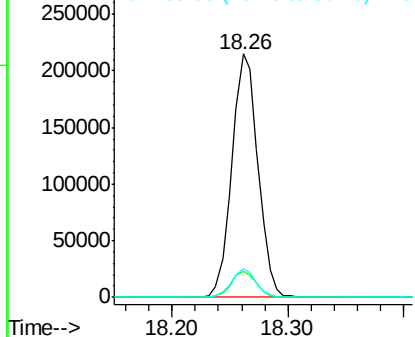
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032934.D
Acq: 2 Mar 2018 1:47

Instrument :
BNA_G
ClientSampleId :
PB106973BL

Tot Ion:188 Resp: 335455
Ion Ratio Lower Upper
188 100
94 10.6 6.9 10.3#
80 11.6 7.7 11.5#

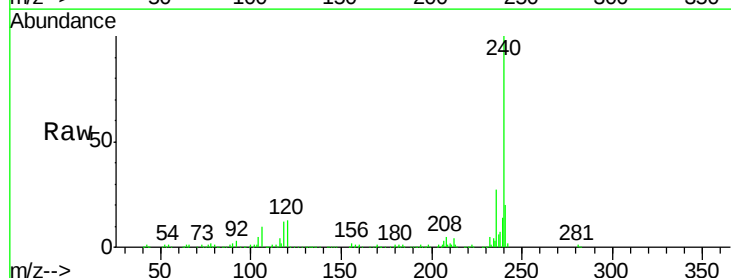


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

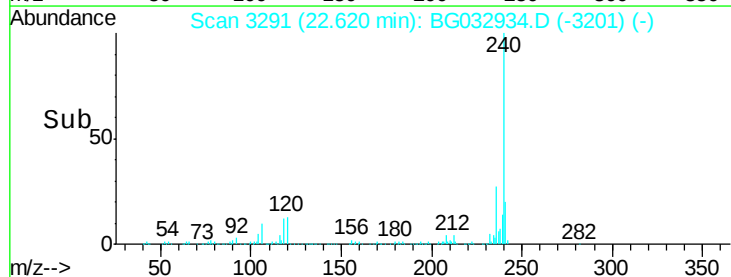
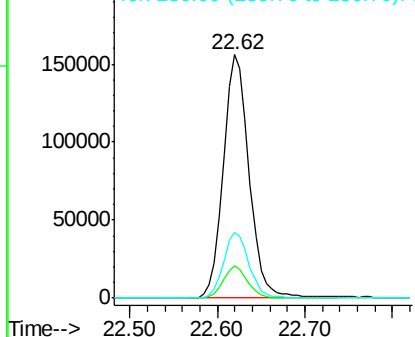


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032934.D
Acq: 2 Mar 2018 1:47

Tgt Ion:240 Resp: 316389
Ion Ratio Lower Upper
240 100
120 13.5 6.8 10.2#
236 26.8 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: 76.671 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032934.D

Acq: 2 Mar 2018 1:47

Instrument :

BNA_G

ClientSampled :

PB106973BL

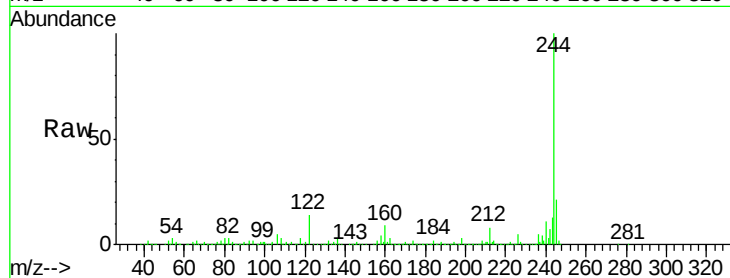
Tot Ion:244 Resp: 1079704

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

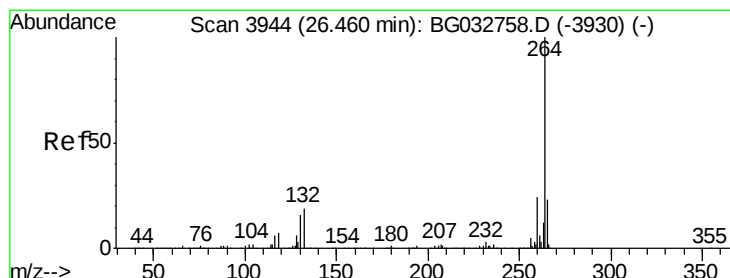
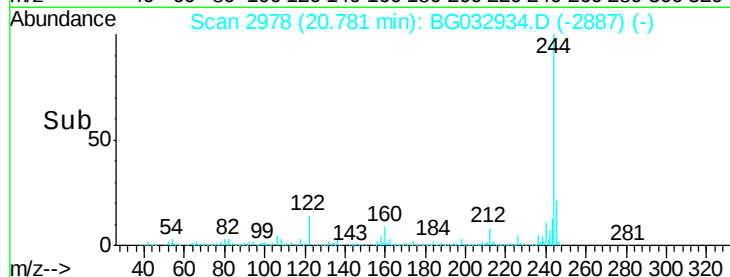
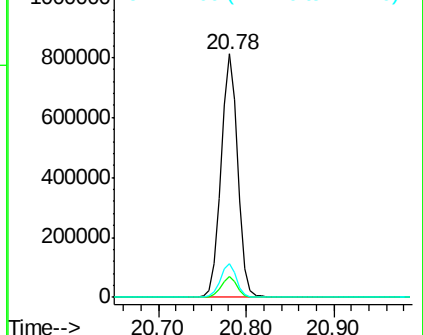
122 13.6 7.0 10.4#



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: 26.44 min Scan# 3941

Delta R.T. 0.01 min

Lab File: BG032934.D

Acq: 2 Mar 2018 1:47

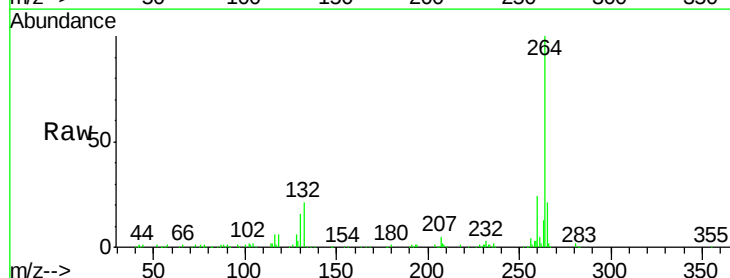
Tgt Ion:264 Resp: 304903

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.9 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

