

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032847.D
 Acq On : 27 Feb 2018 7:34
 Operator : SJ/JU
 Sample : J1691-52
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B13

Quant Time: Feb 27 09:51:34 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	76030	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	322673	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	181788	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	424981	20.00	ng	0.00
75) Chrysene-d12	22.62	240	400052	20.00	ng	0.00
86) Perylene-d12	26.43	264	408254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	634070	133.42	ng	0.00
7) Phenol-d6	8.01	99	762555	115.12	ng	0.00
23) Nitrobenzene-d5	10.12	82	532018	110.99	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	294201	153.92	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1218257	96.65	ng	0.00
78) Terphenyl-d14	20.78	244	1763180	99.02	ng	0.00

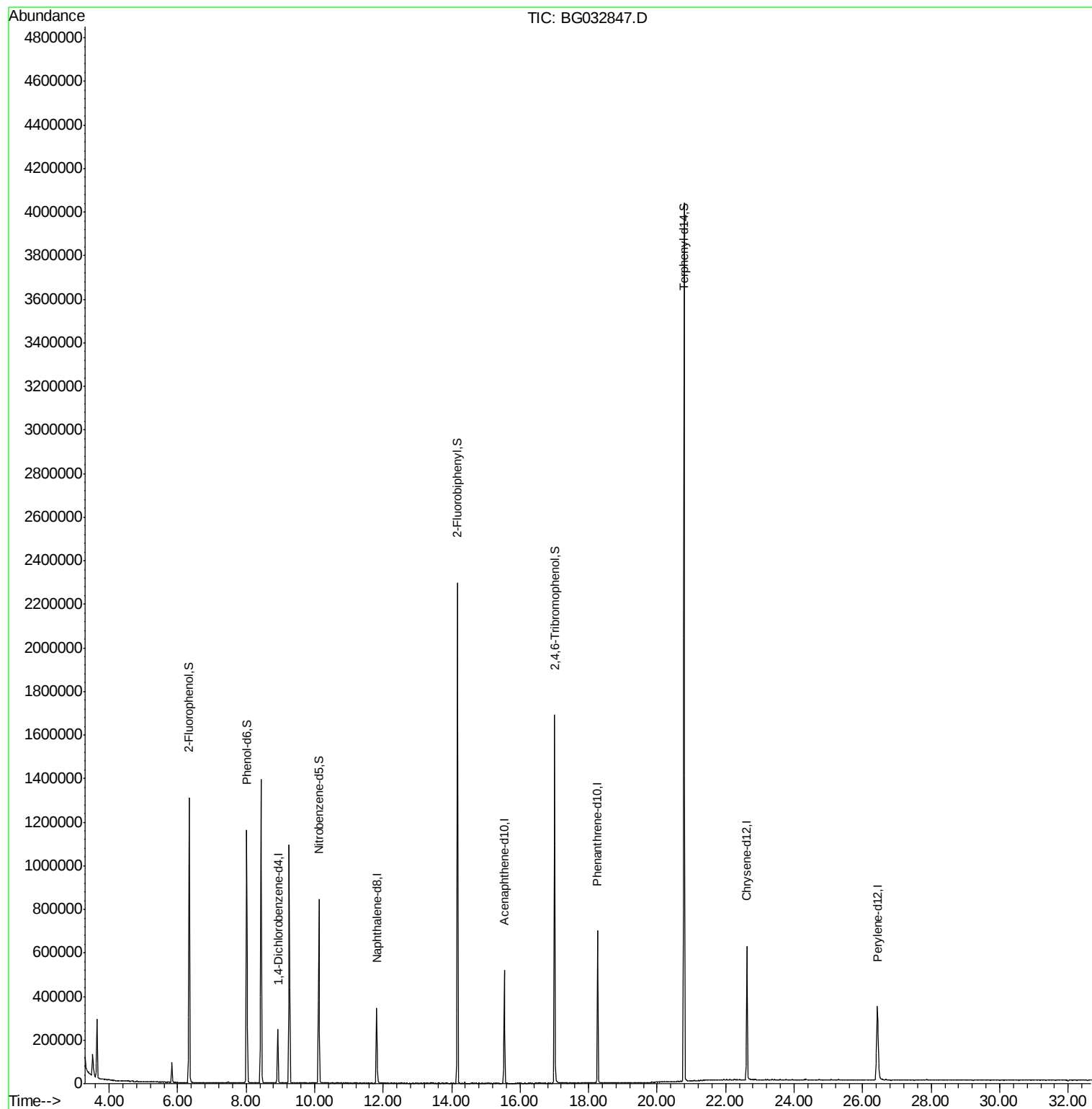
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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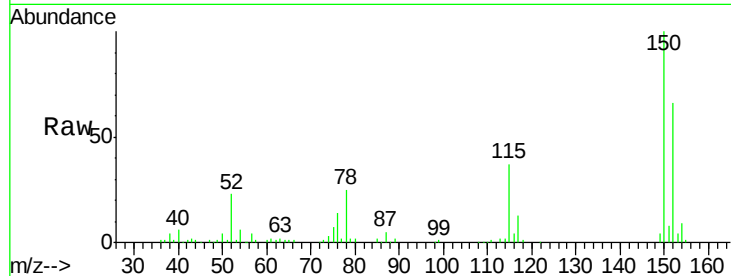


#1

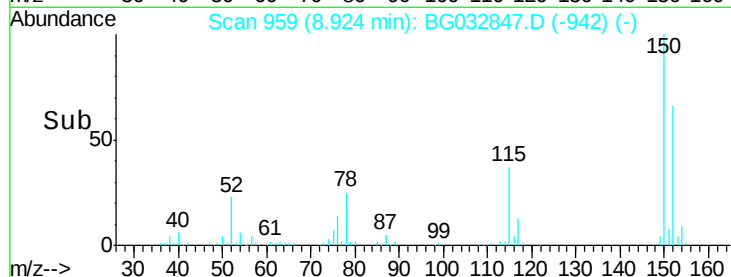
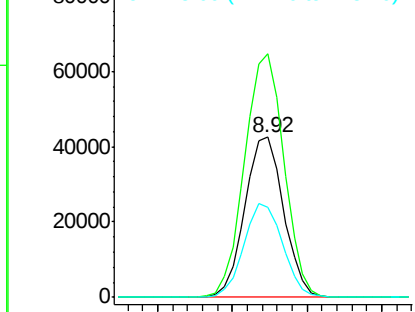
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032847.D
Acq: 27 Feb 2018 7:34

Instrument :
BNA_G
ClientSampled :
B13

Tot Ion:152 Resp: 76030
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 56.6 53.0 79.4



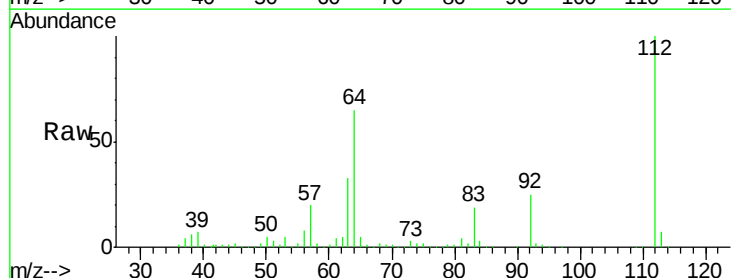
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



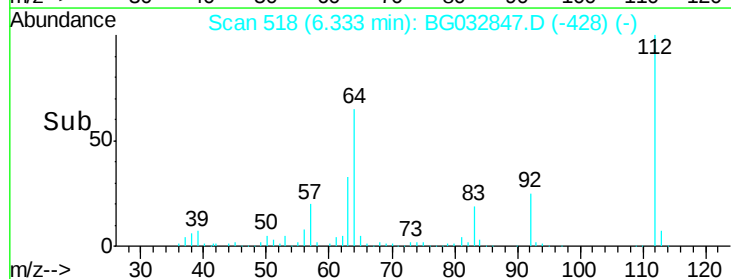
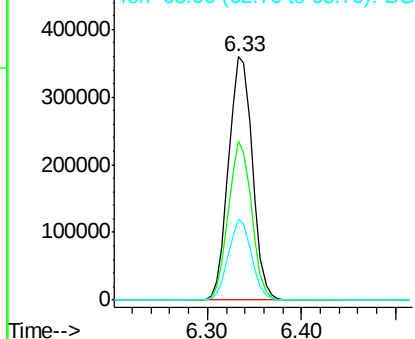
#5

2-Fluorophenol
Concen: 133.424 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032847.D
Acq: 27 Feb 2018 7:34

Tgt Ion:112 Resp: 634070
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 33.2 30.1 45.1



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





#7

Phenol-d6

Concen: 115.119 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032847.D

Acq: 27 Feb 2018 7:34

Instrument :

BNA_G

ClientSampled :

B13

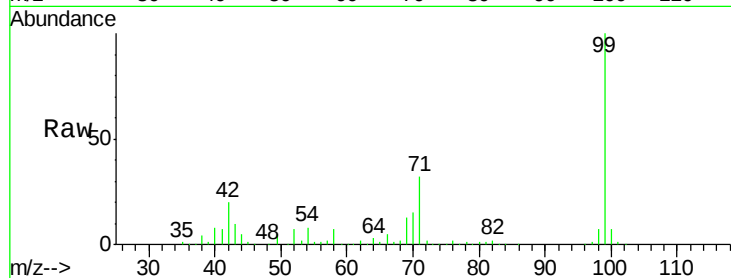
Tot Ion: 99 Resp: 762555

Ion Ratio Lower Upper

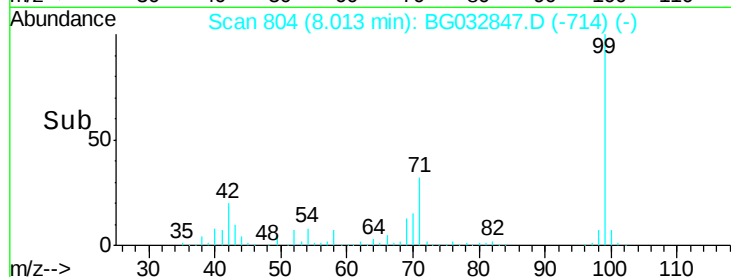
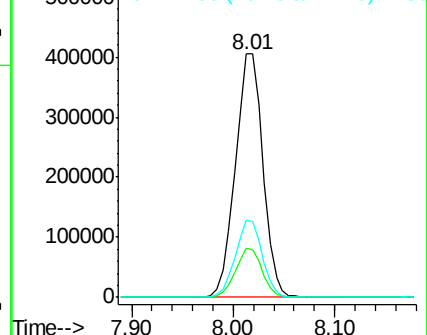
99 100

42 20.0 14.1 21.1

71 31.6 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: BG032847.D

Acq: 27 Feb 2018 7:34

Tgt Ion: 136 Resp: 322673

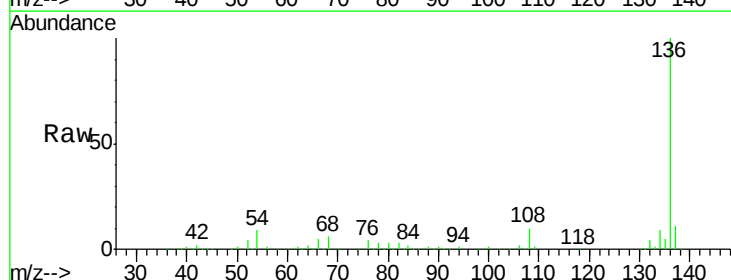
Ion Ratio Lower Upper

136 100

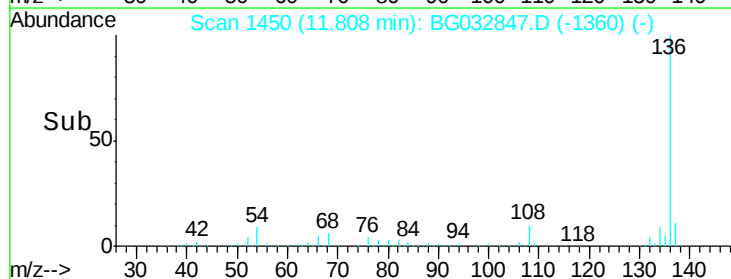
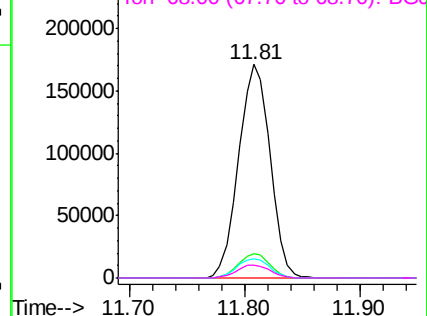
137 11.3 9.2 13.8

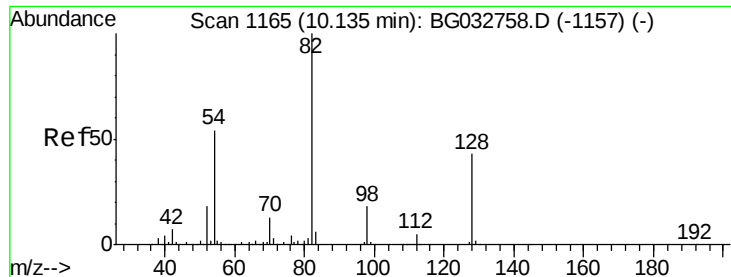
54 9.1 10.3 15.5#

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

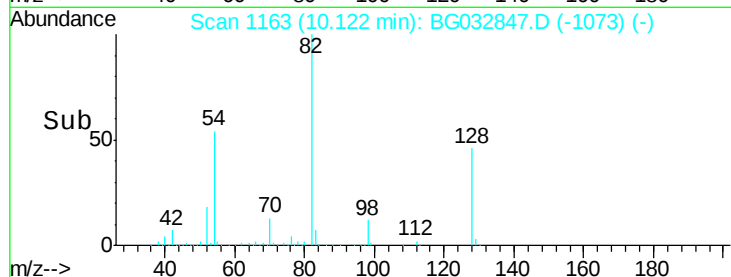
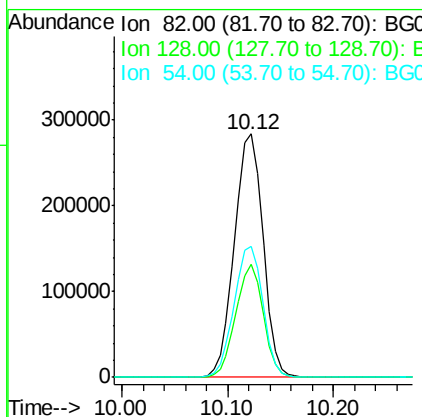
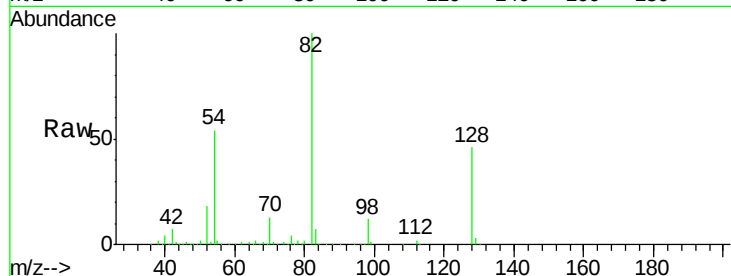




#23
 Nitrobenzene-d5
 Concen: 110.987 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032847.D
 Acq: 27 Feb 2018 7:34

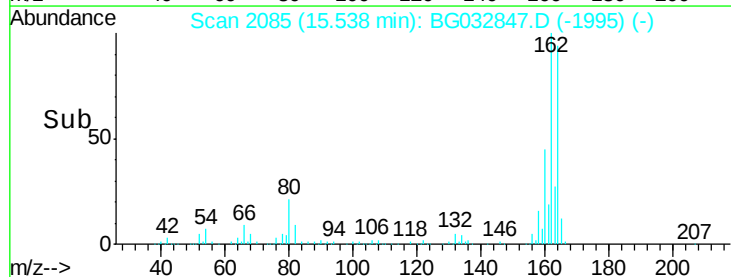
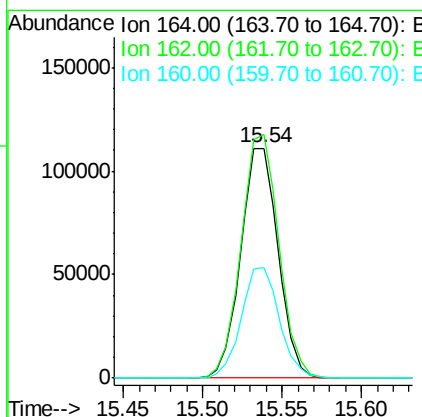
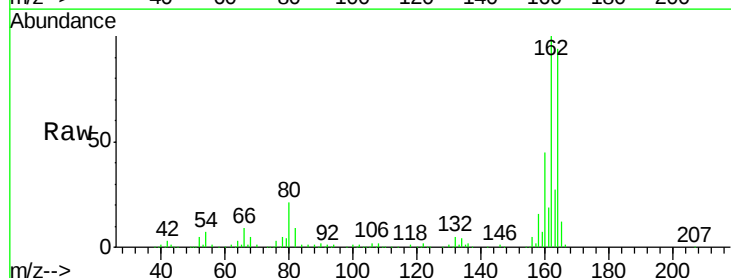
Instrument :
 BNA_G
 ClientSampled :
 B13

Tot Ion	82	Resp	532018
Ion Ratio	100	Lower	Upper
128	46.2	29.7	44.5#
54	54.0	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: BG032847.D
 Acq: 27 Feb 2018 7:34

Tgt Ion	164	Resp	181788
Ion Ratio	100	Lower	Upper
162	106.0	78.8	118.2
160	48.0	35.4	53.0

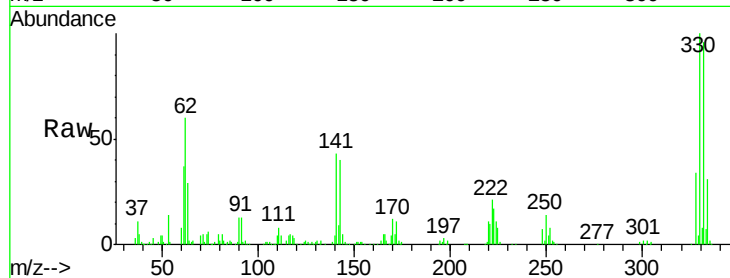




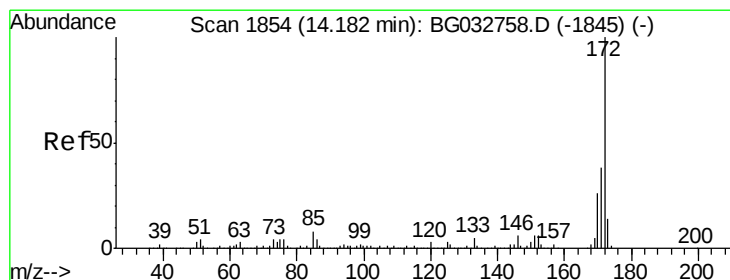
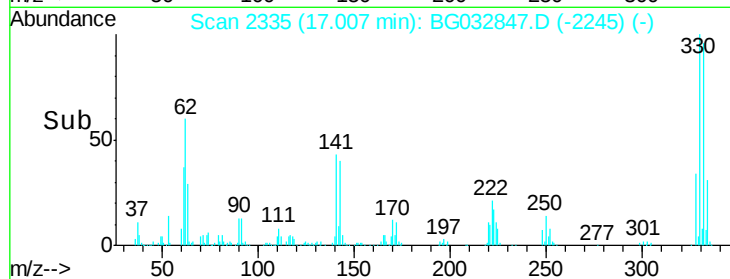
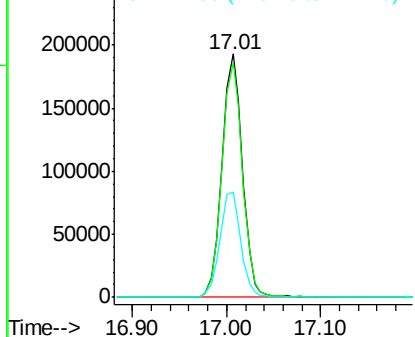
#41
 2,4,6-Tribromophenol
 Concen: 153.916 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032847.D
 Acq: 27 Feb 2018 7:34

Instrument :
 BNA_G
 ClientSampleId :
 B13

Tot Ion:330 Resp: 294201
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 44.5 25.2 37.8#

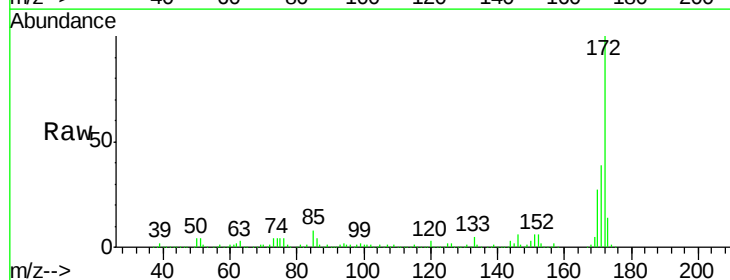


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

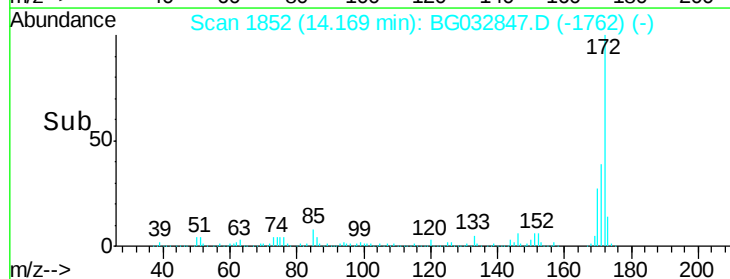
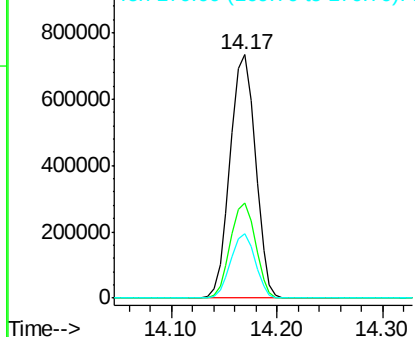


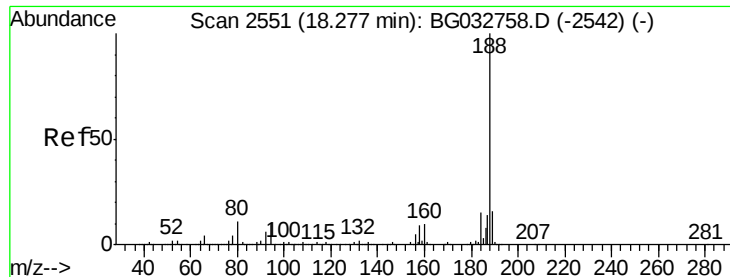
#44
 2-Fluorobiphenyl
 Concen: 96.653 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032847.D
 Acq: 27 Feb 2018 7:34

Tgt Ion:172 Resp: 1218257
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.0 45.0
 170 26.6 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: BG032847.D

Acq: 27 Feb 2018 7:34

Instrument :

BNA_G

ClientSampleId :

B13

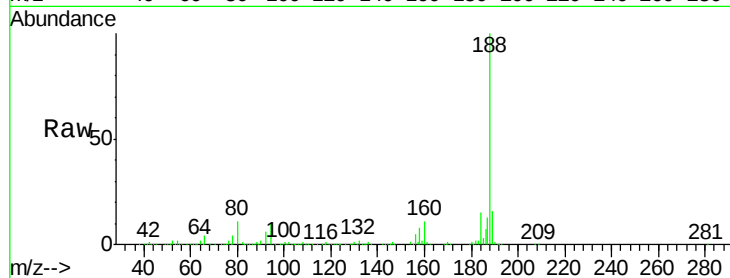
Tot Ion:188 Resp: 424981

Ion Ratio Lower Upper

188 100

94 10.3 6.9 10.3

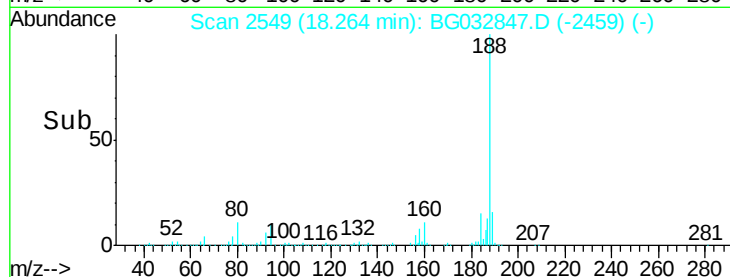
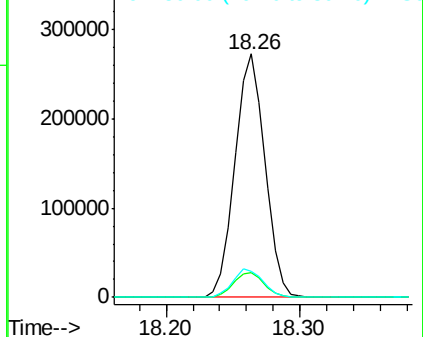
80 10.9 7.7 11.5



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: BG032847.D

Acq: 27 Feb 2018 7:34

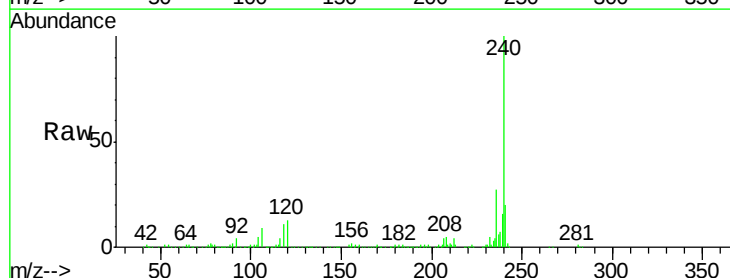
Tgt Ion:240 Resp: 400052

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

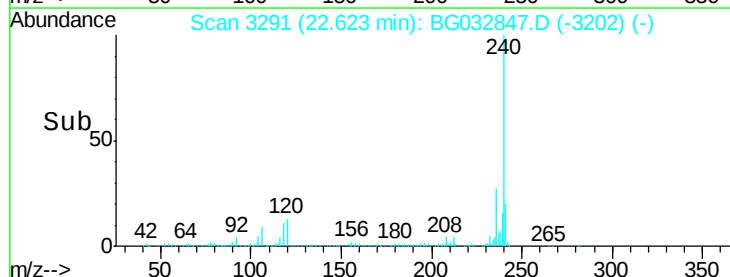
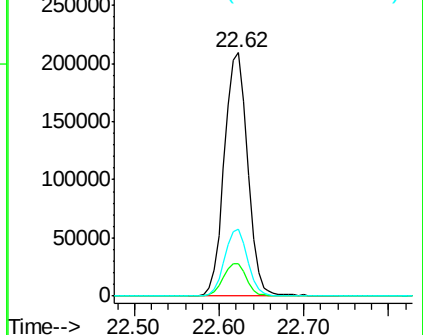
236 27.4 20.9 31.3



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: 99.022 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032847.D

Acq: 27 Feb 2018 7:34

Instrument :

BNA_G

ClientSampleId :

B13

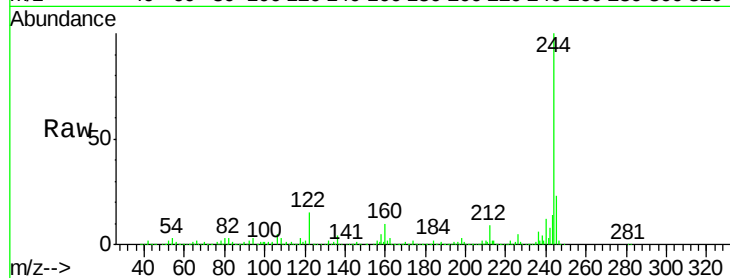
Tot Ion:244 Resp: 1763180

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

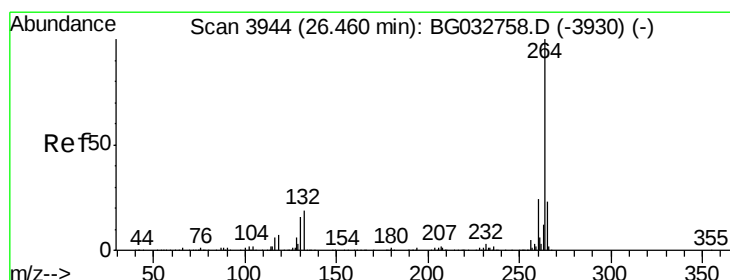
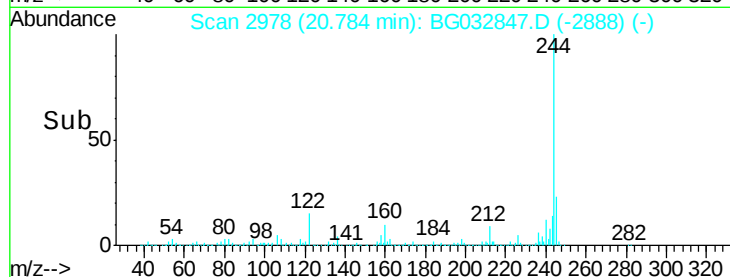
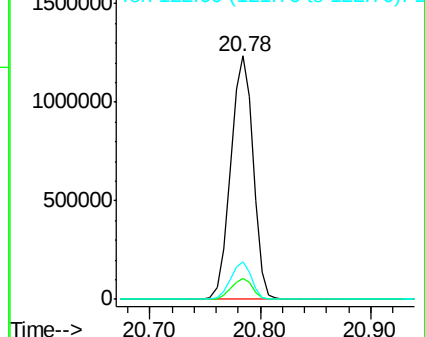
122 15.5 7.0 10.4#



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# 3939

Delta R.T. -0.01 min

Lab File: BG032847.D

Acq: 27 Feb 2018 7:34

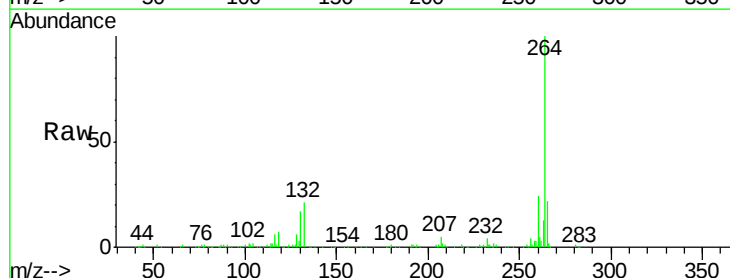
Tgt Ion:264 Resp: 408254

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.8 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

