

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032843.D
 Acq On : 27 Feb 2018 5:04
 Operator : SJ/JU
 Sample : J1691-36
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B9

Quant Time: Feb 27 07:17:23 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	72494	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	315717	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	175082	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	405934	20.00	ng	0.00
75) Chrysene-d12	22.62	240	389933	20.00	ng	-0.01
86) Perylene-d12	26.43	264	395352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	575477	127.00	ng	0.00
7) Phenol-d6	8.01	99	683652	108.24	ng	0.00
23) Nitrobenzene-d5	10.12	82	487812	104.63	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	263321	143.04	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1108295	91.30	ng	0.00
78) Terphenyl-d14	20.79	244	1647982	94.95	ng	0.00

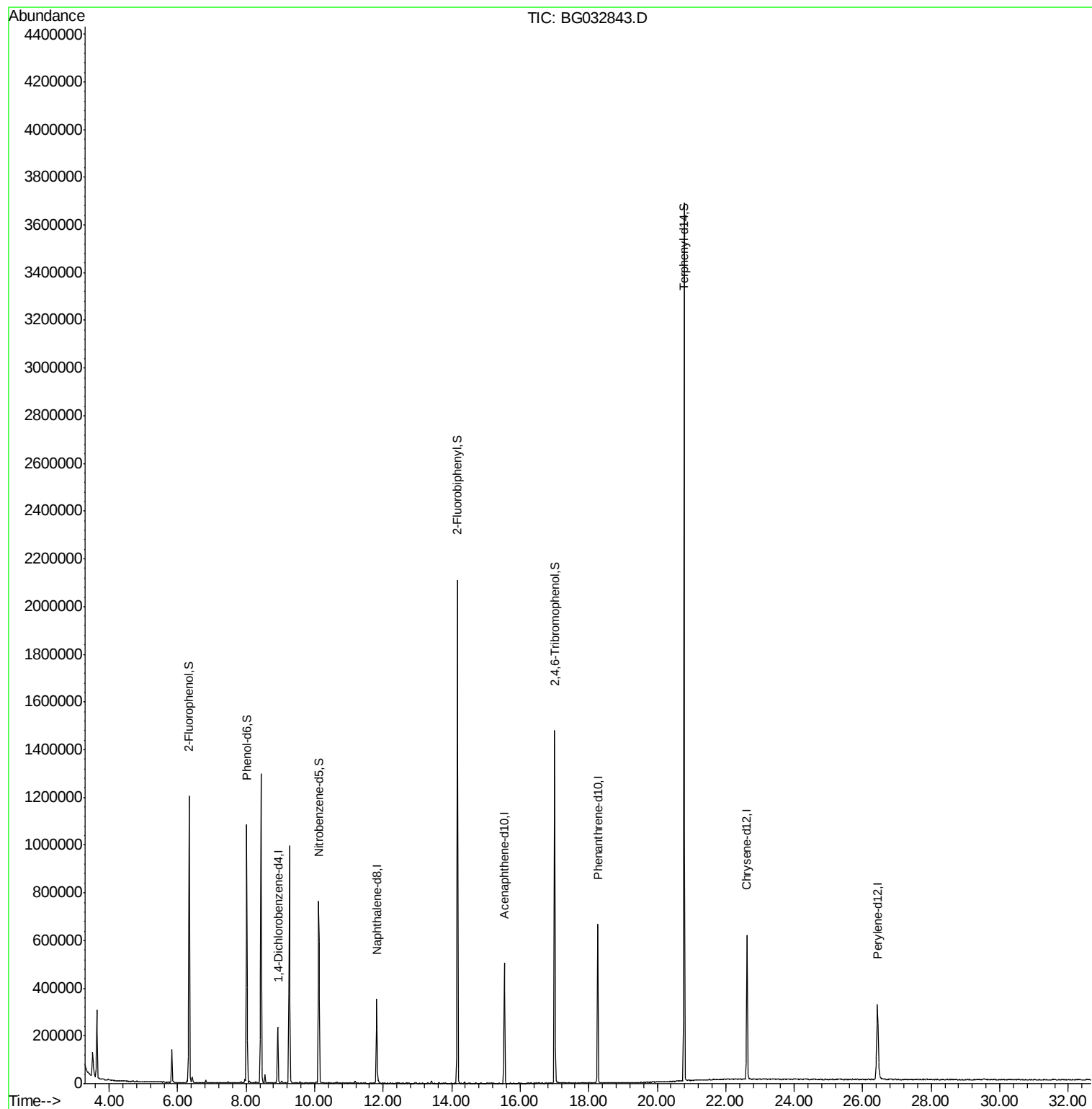
Target Compounds Qvalue

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

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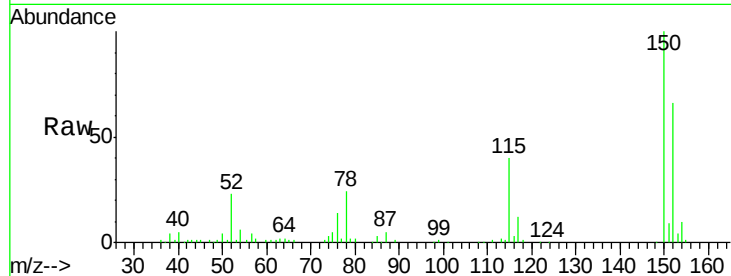


#1

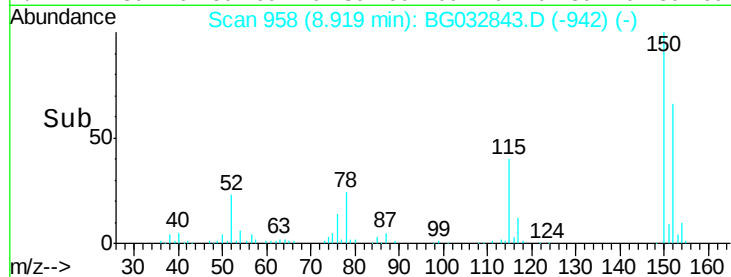
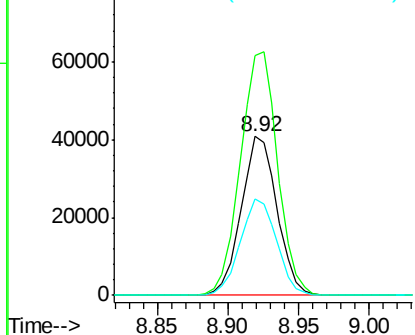
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Instrument :
BNA_G
ClientSampled :
B9

Tot Ion:152 Resp: 72494
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 60.6 53.0 79.4



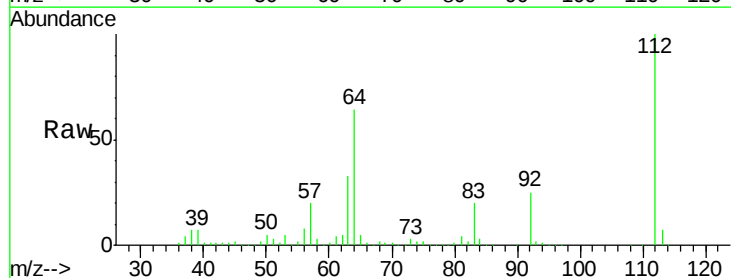
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



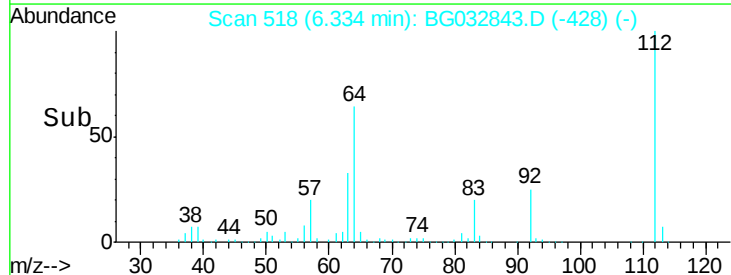
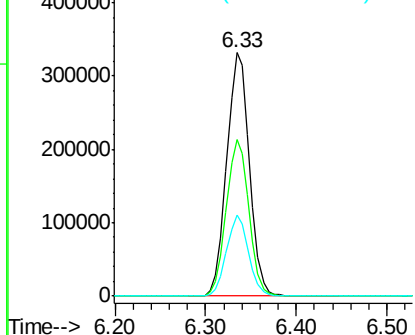
#5

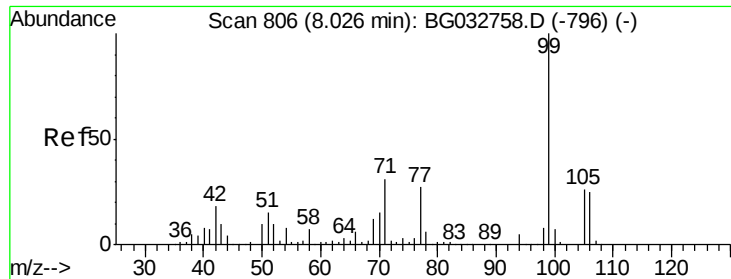
2-Fluorophenol
Concen: 127.001 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:112 Resp: 575477
Ion Ratio Lower Upper
112 100
64 64.4 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.242 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032843.D

Acq: 27 Feb 2018 5:04

Instrument :

BNA_G

ClientSampled :

B9

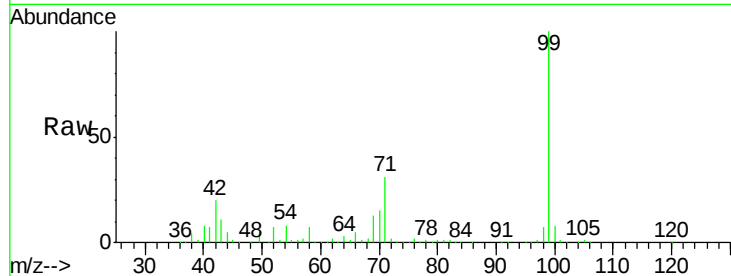
Tot Ion: 99 Resp: 683652

Ion Ratio Lower Upper

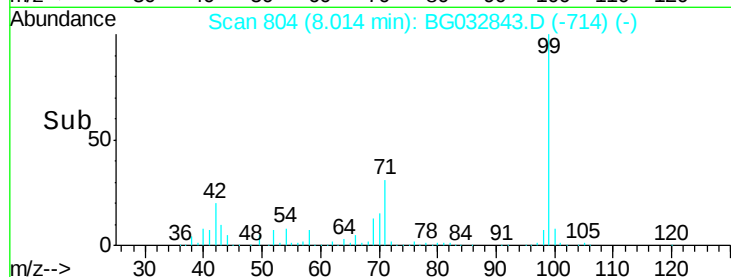
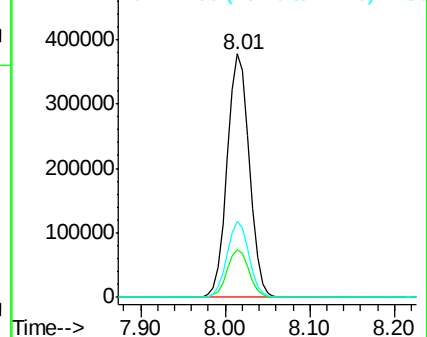
99 100

42 19.6 14.1 21.1

71 31.0 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: BG032843.D

Acq: 27 Feb 2018 5:04

Tgt Ion: 136 Resp: 315717

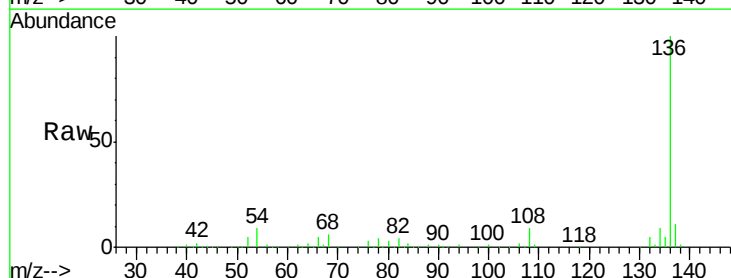
Ion Ratio Lower Upper

136 100

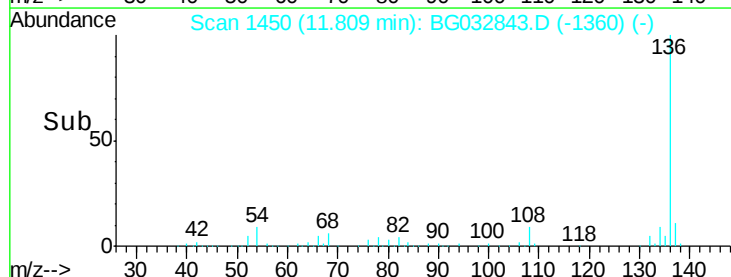
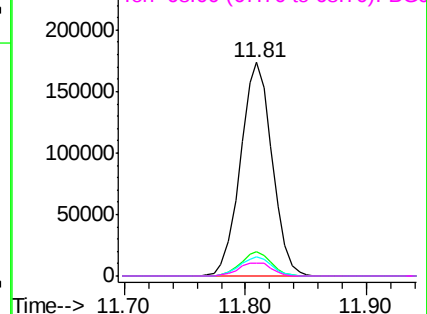
137 11.2 9.2 13.8

54 9.1 10.3 15.5#

68 6.1 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

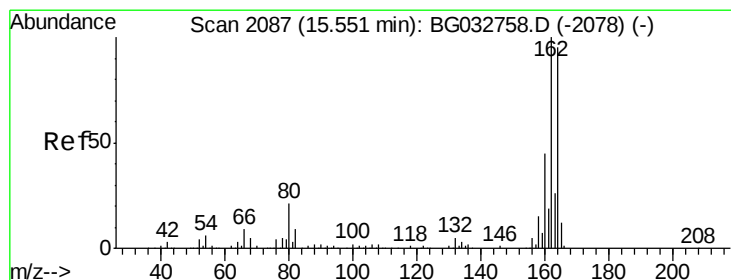
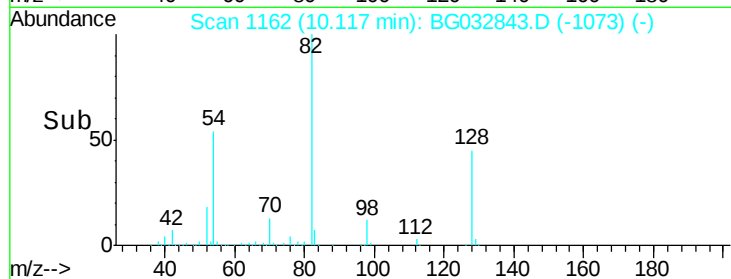
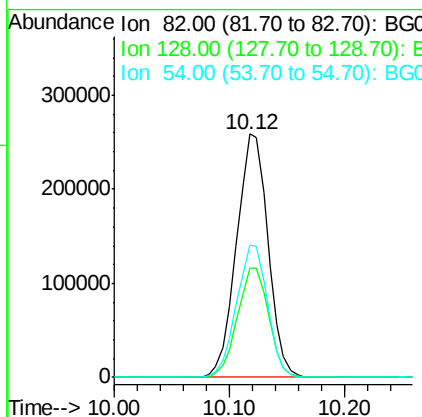
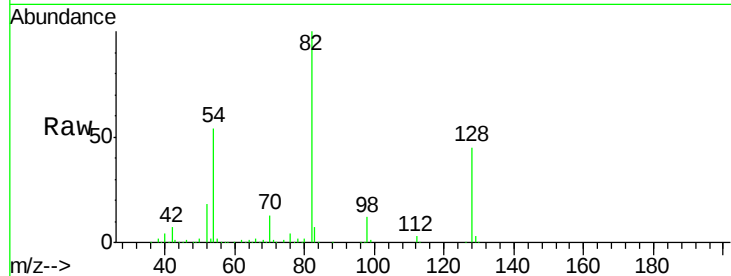




#23
 Nitrobenzene-d5
 Concen: 104.630 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG032843.D
 Acq: 27 Feb 2018 5:04

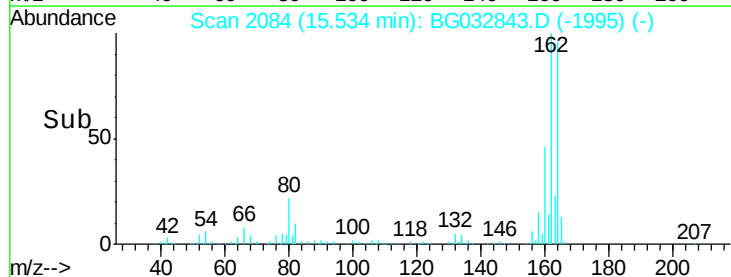
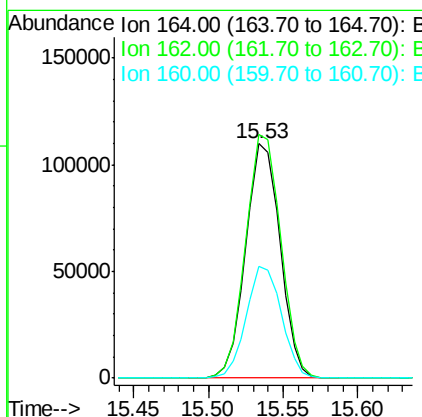
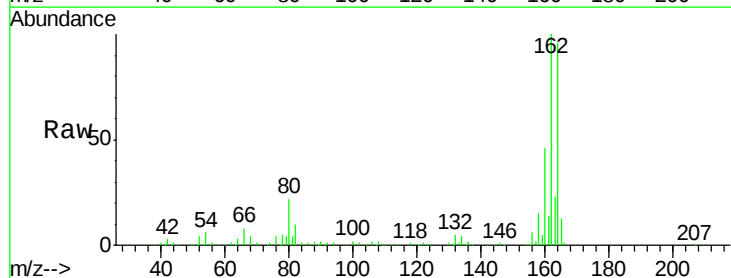
Instrument :
 BNA_G
 ClientSampleId :
 B9

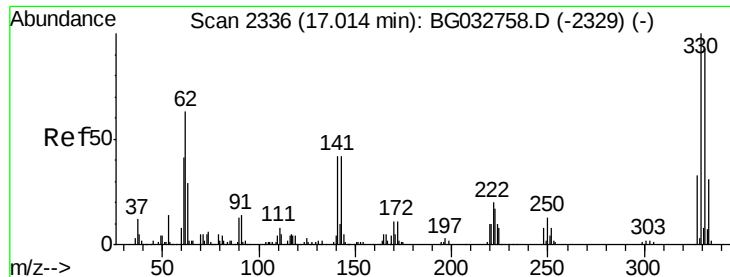
Tot Ion	82	Resp	487812
Ion Ratio	100	Lower	Upper
128	44.7	29.7	44.5#
54	54.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032843.D
 Acq: 27 Feb 2018 5:04

Tgt Ion	164	Resp	175082
Ion Ratio	100	Lower	Upper
162	103.9	78.8	118.2
160	47.8	35.4	53.0

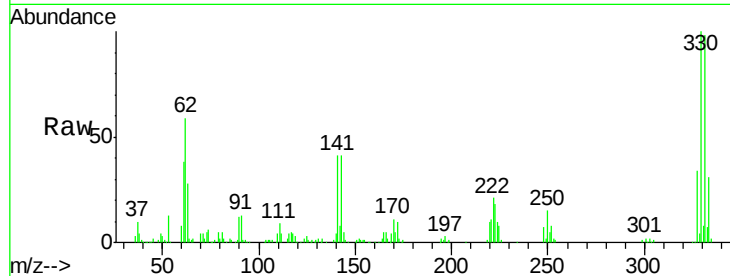




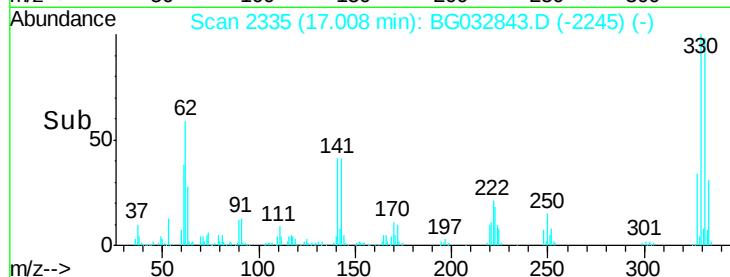
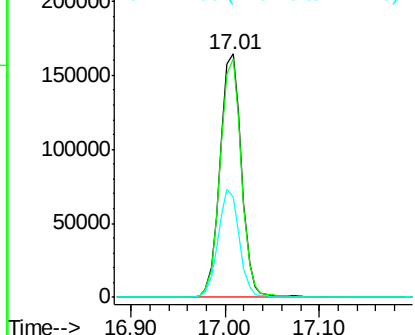
#41
 2,4,6-Tribromophenol
 Concen: 143.037 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032843.D
 Acq: 27 Feb 2018 5:04

Instrument :
 BNA_G
 ClientSampleId :
 B9

Tot Ion:330 Resp: 263321
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 43.9 25.2 37.8#

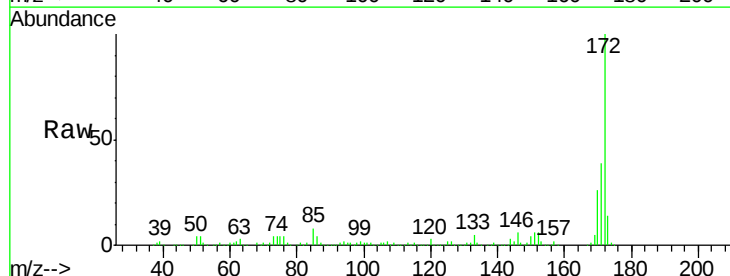


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

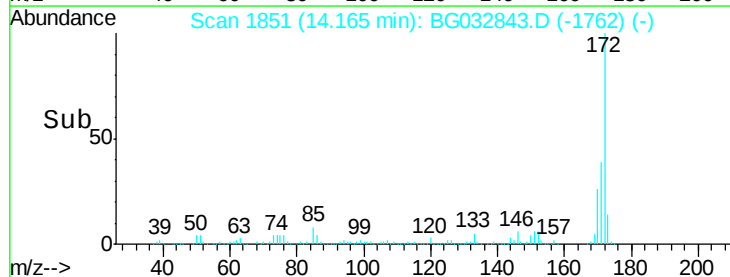
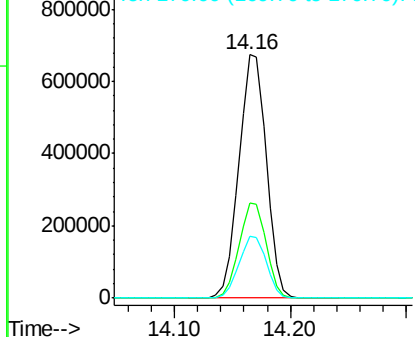


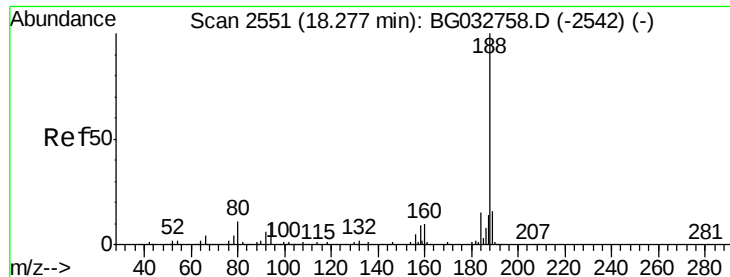
#44
 2-Fluorobiphenyl
 Concen: 91.297 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032843.D
 Acq: 27 Feb 2018 5:04

Tgt Ion:172 Resp: 1108295
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.7 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

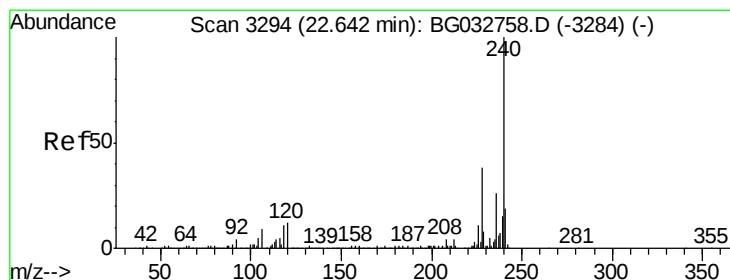
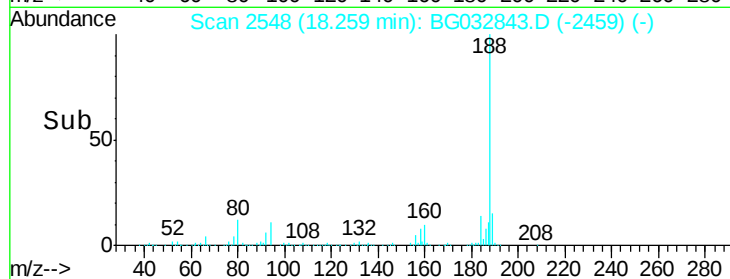
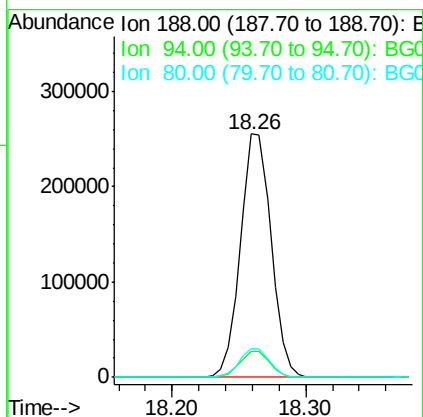
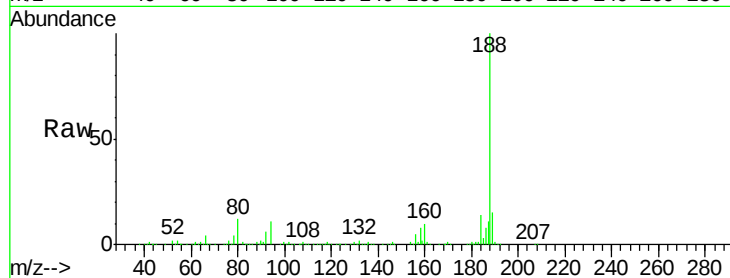




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

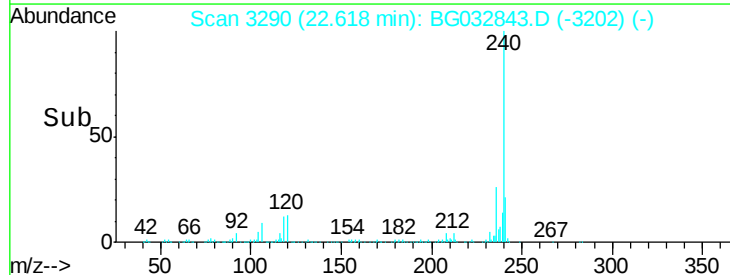
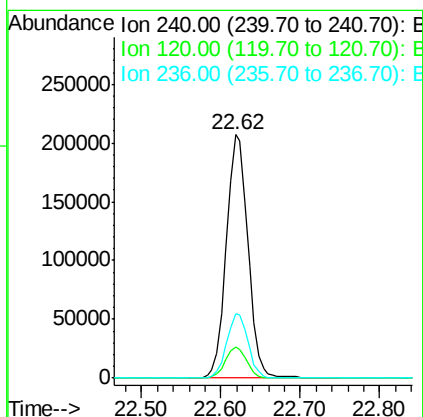
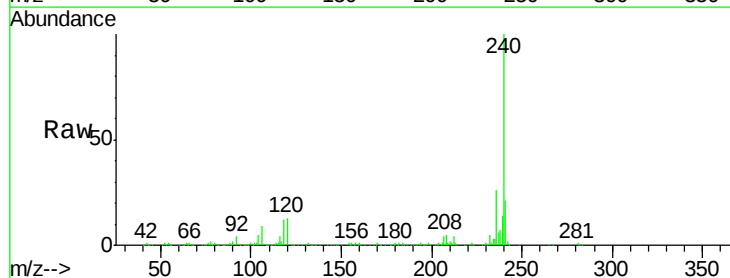
Instrument :
BNA_G
ClientSampleId :
B9

Tot Ion:188 Resp: 405934
Ion Ratio Lower Upper
188 100
94 10.7 6.9 10.3#
80 11.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032843.D
Acq: 27 Feb 2018 5:04

Tgt Ion:240 Resp: 389933
Ion Ratio Lower Upper
240 100
120 12.9 6.8 10.2#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 94.954 ng

RT: 20.79 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032843.D

Acq: 27 Feb 2018 5:04

Instrument :

BNA_G

ClientSampleId :

B9

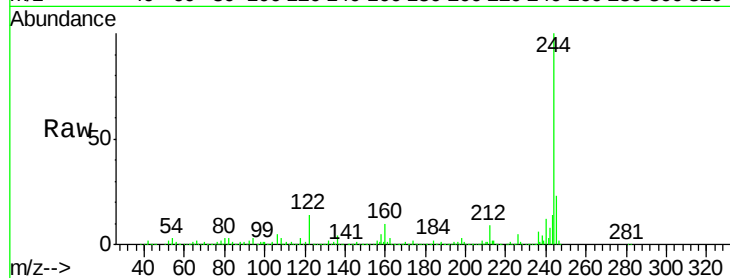
Tot Ion:244 Resp: 1647982

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

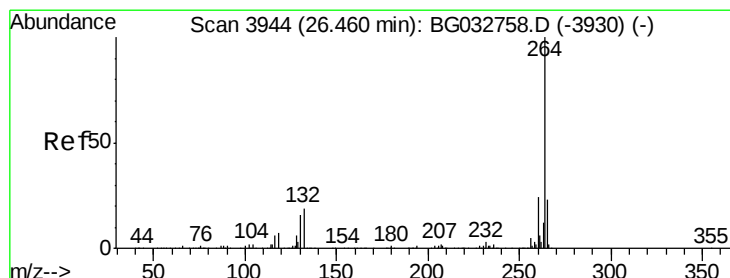
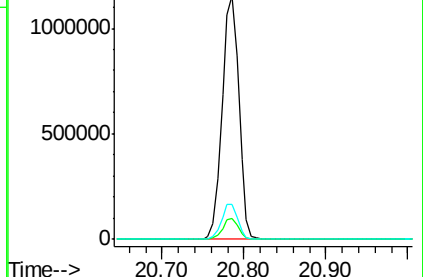
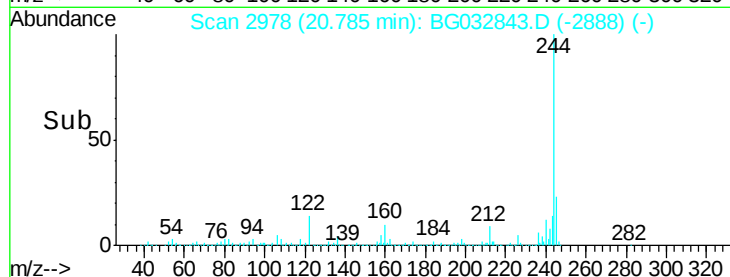
122 14.5 7.0 10.4#



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: BG032843.D

Acq: 27 Feb 2018 5:04

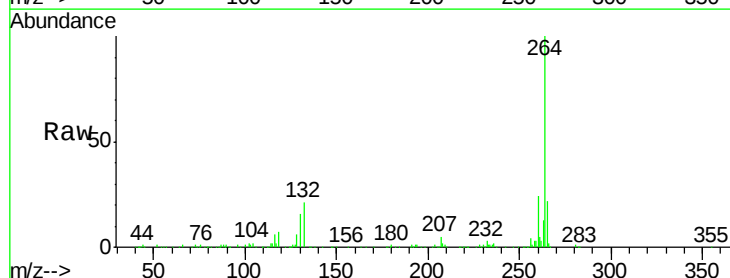
Tgt Ion:264 Resp: 395352

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 22.0 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

