

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032838.D
 Acq On : 27 Feb 2018 1:56
 Operator : SJ/JU
 Sample : J1691-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4

Quant Time: Feb 27 03:53:45 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	8.93	152	77639	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	328817	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179894	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	413636	20.00	ng	0.00
75) Chrysene-d12	22.62	240	395462	20.00	ng	-0.01
86) Perylene-d12	26.43	264	406132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	591997	121.99	ng	0.00
7) Phenol-d6	8.02	99	695268	102.79	ng	0.00
23) Nitrobenzene-d5	10.12	82	501568	103.42	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	276285	146.06	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1123786	90.10	ng	0.00
78) Terphenyl-d14	20.78	244	1532019	87.04	ng	0.00

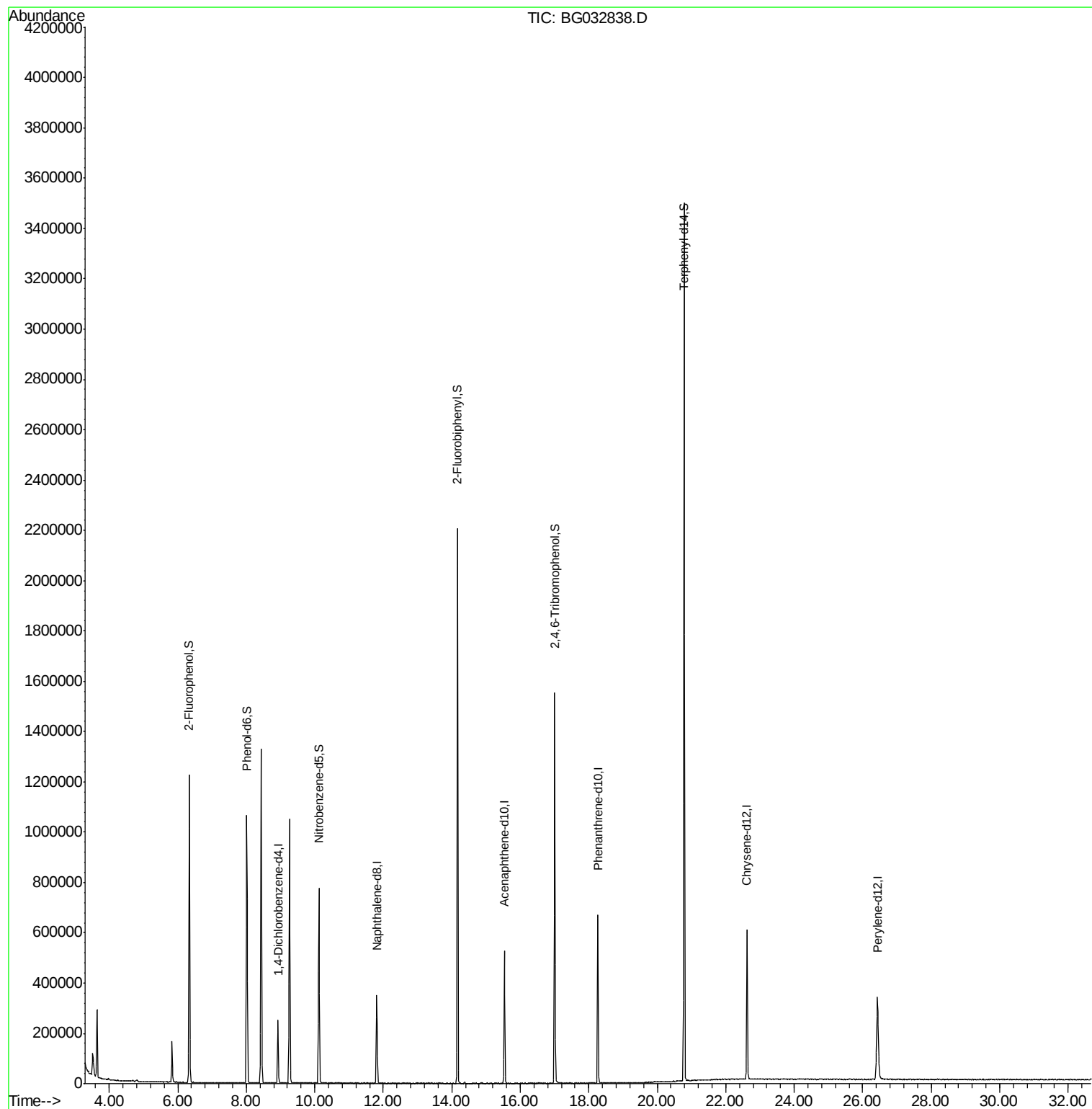
Target Compounds Qvalue

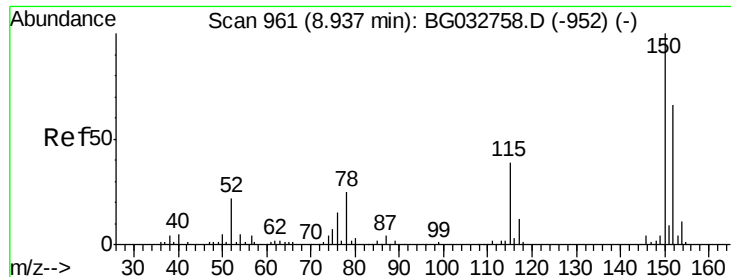
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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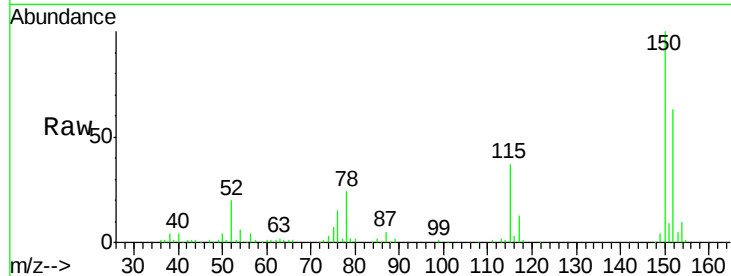


#1

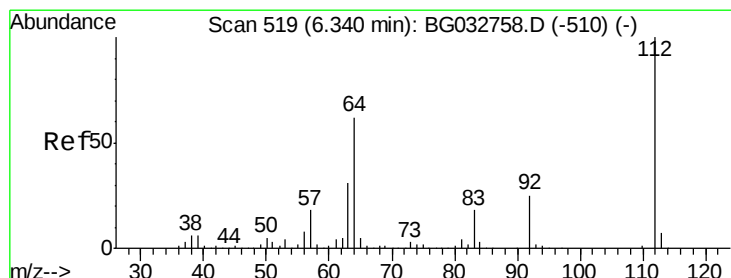
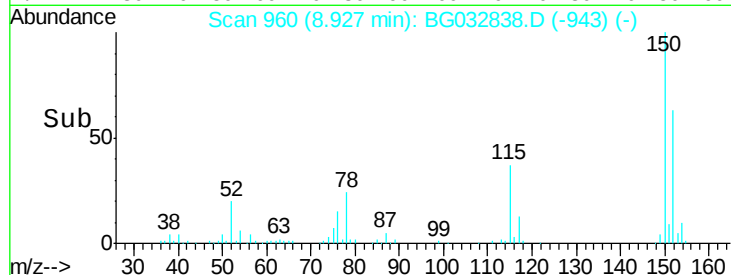
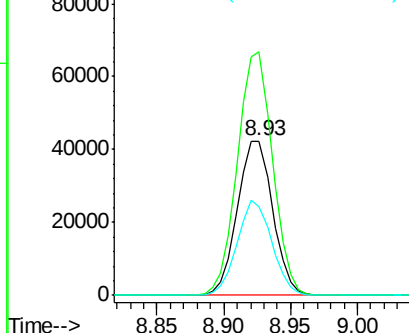
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Instrument :
BNA_G
ClientSampleId :
B4

Tot Ion:152 Resp: 77639
Ion Ratio Lower Upper
152 100
150 158.1 126.6 189.8
115 58.0 53.0 79.4



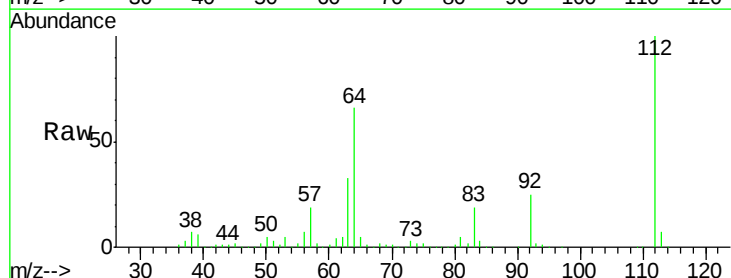
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



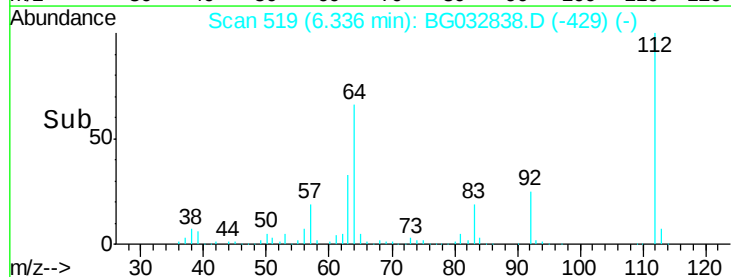
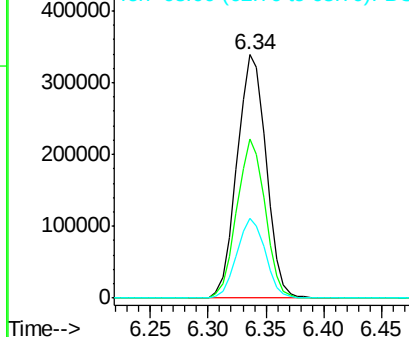
#5

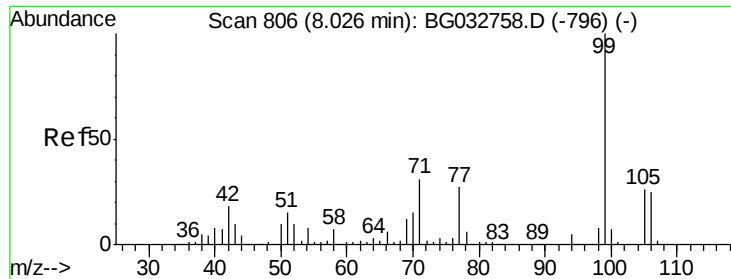
2-Fluorophenol
Concen: 121.989 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion:112 Resp: 591997
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 32.9 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: 102.786 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

Instrument :

BNA_G

ClientSampled :

B4

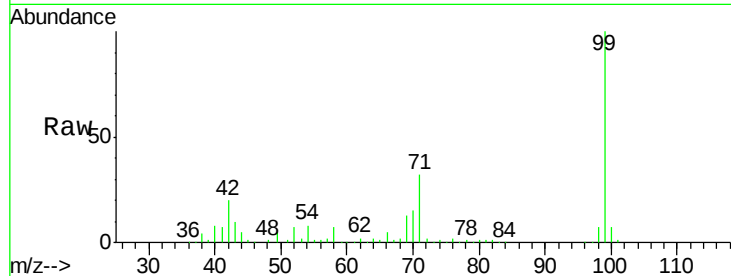
Tot Ion: 99 Resp: 695268

Ion Ratio Lower Upper

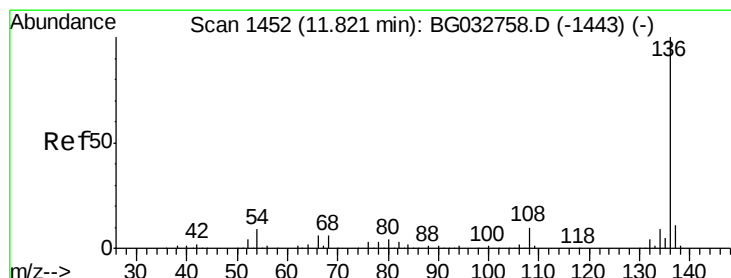
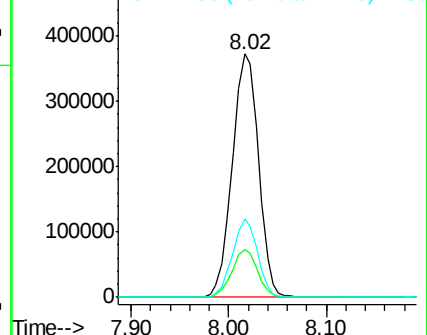
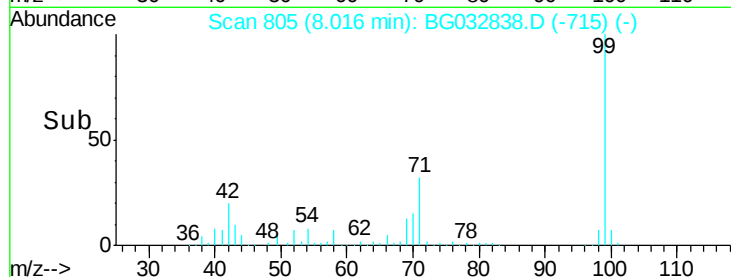
99 100

42 19.6 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# 1451

Delta R.T. 0.00 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

Tgt Ion: 136 Resp: 328817

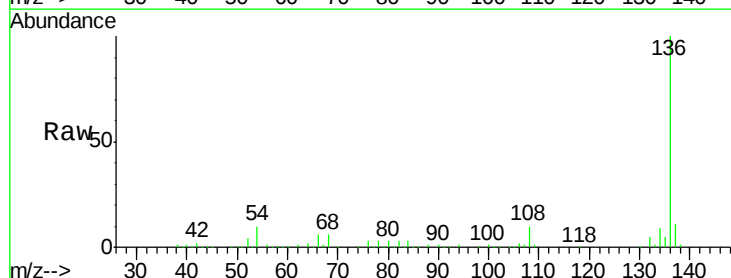
Ion Ratio Lower Upper

136 100

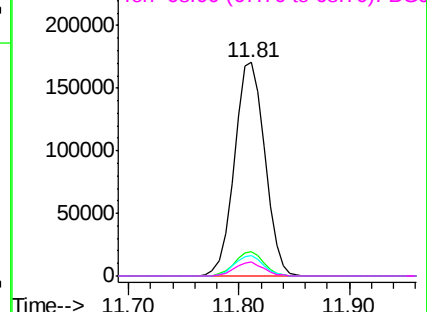
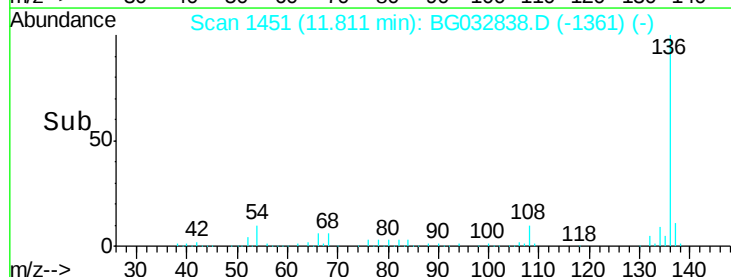
137 11.2 9.2 13.8

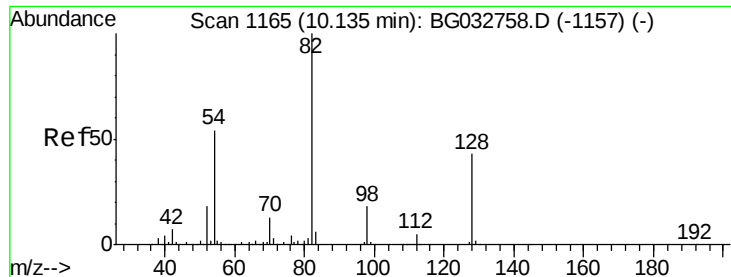
54 9.8 10.3 15.5#

68 6.4 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

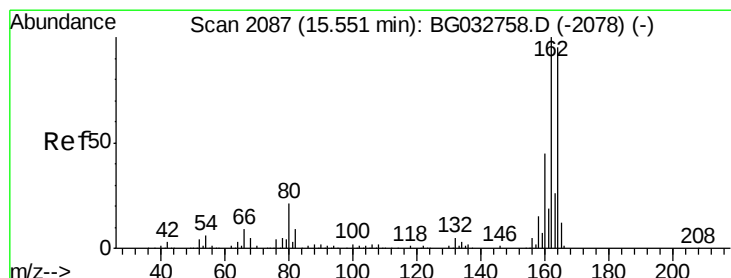
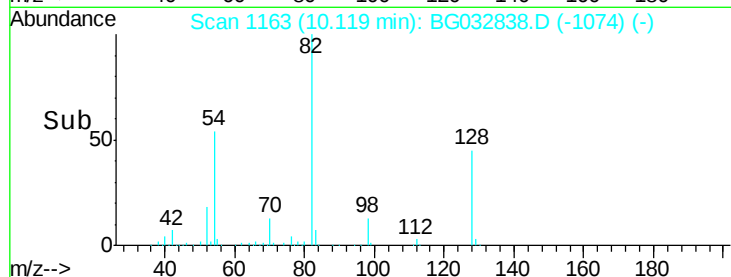
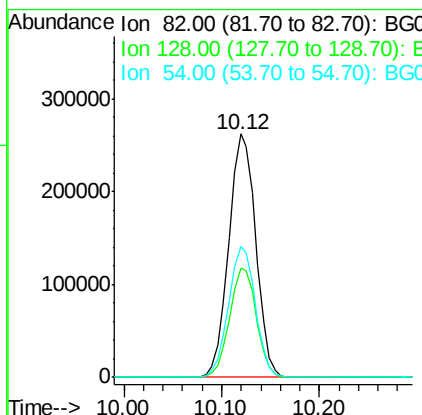
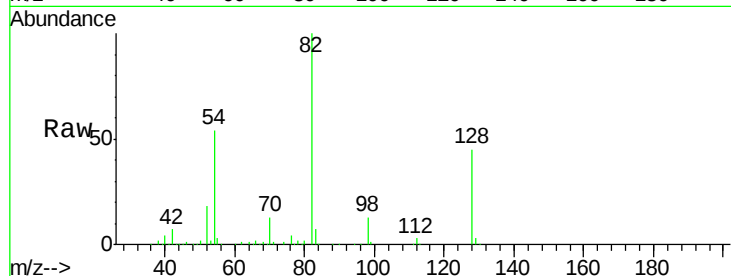




#23
Nitrobenzene-d5
Concen: 103.421 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

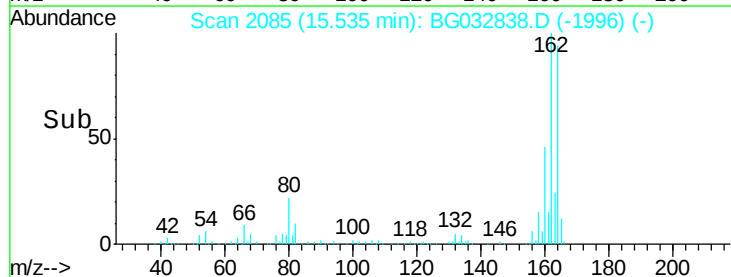
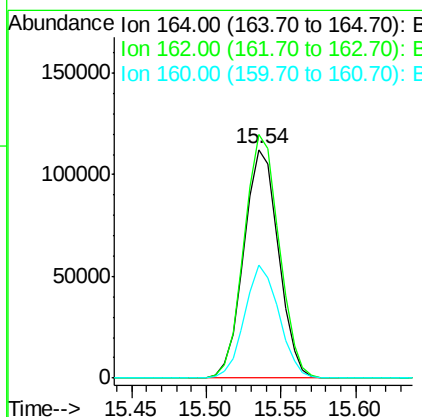
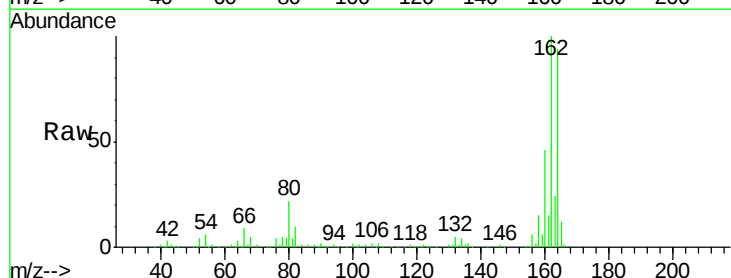
Instrument :
BNA_G
ClientSampleId :
B4

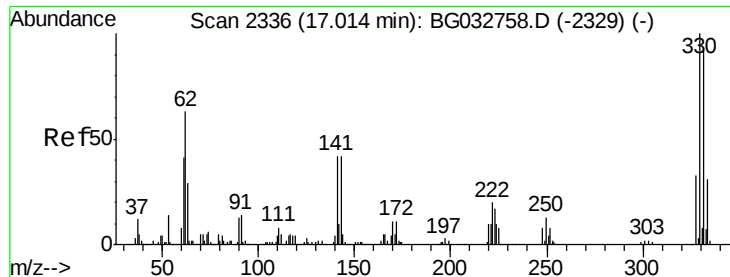
Tot Ion	82	Resp	501568
Ion Ratio	100	Lower	Upper
128	44.8	29.7	44.5#
54	53.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion	164	Resp	179894
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	106.5	78.8	118.2
160	49.3	35.4	53.0

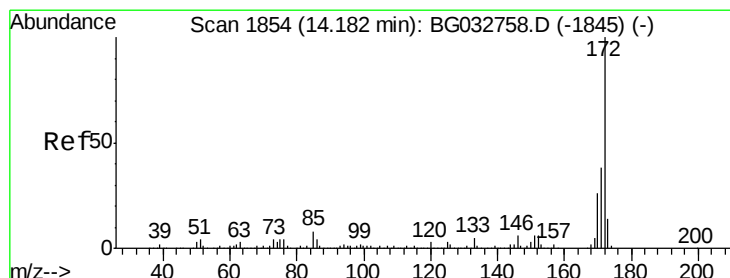
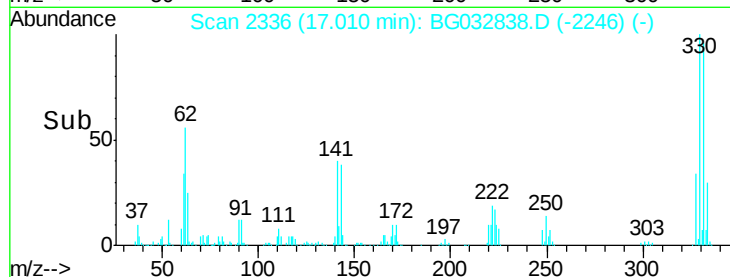
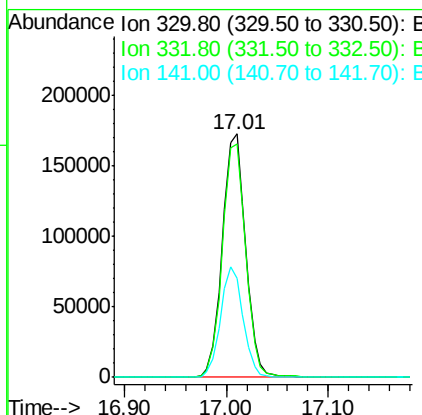
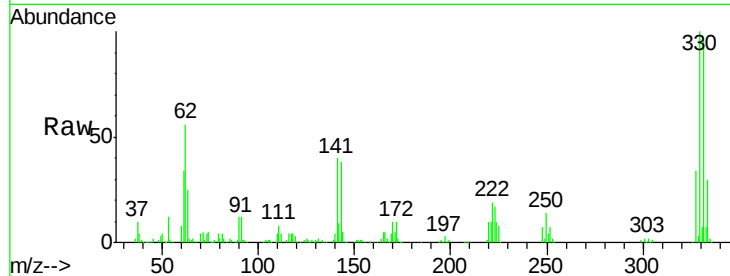




#41
 2,4,6-Tribromophenol
 Concen: 146.065 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

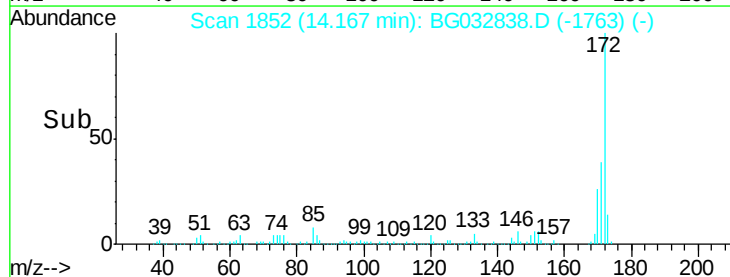
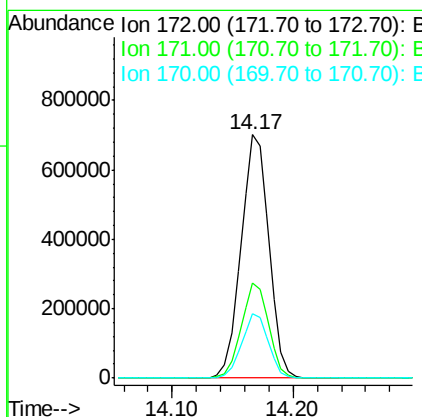
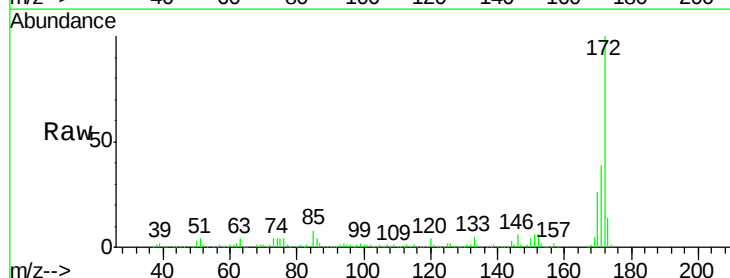
Instrument :
 BNA_G
 ClientSampled :
 B4

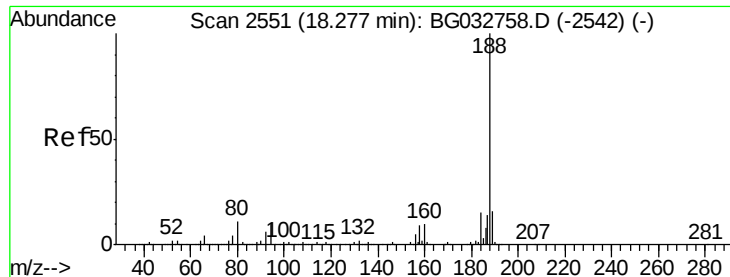
Tot Ion:330 Resp: 276285
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 44.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.097 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032838.D
 Acq: 27 Feb 2018 1:56

Tgt Ion:172 Resp: 1123786
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 26.3 19.5 29.3

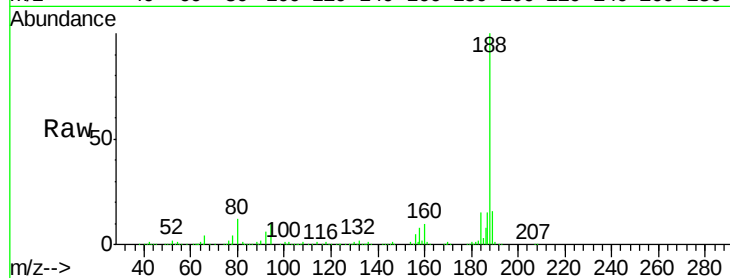




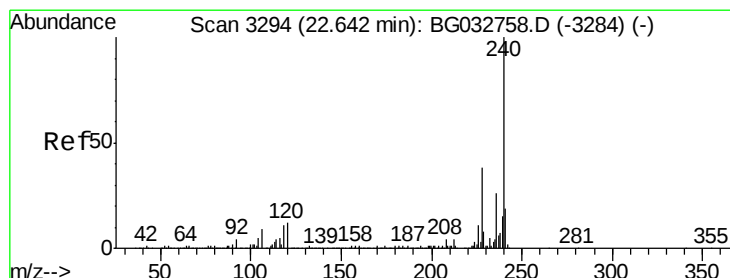
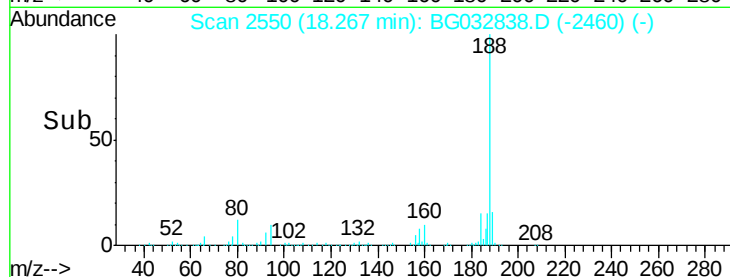
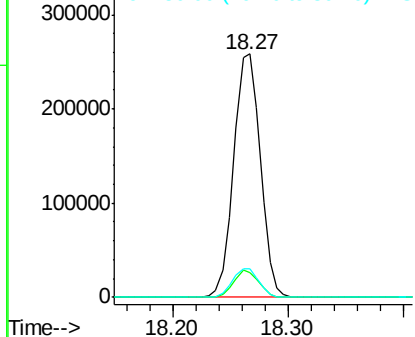
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Instrument :
BNA_G
ClientSampleId :
B4

Tot Ion:188 Resp: 413636
Ion Ratio Lower Upper
188 100
94 10.4 6.9 10.3#
80 11.5 7.7 11.5#

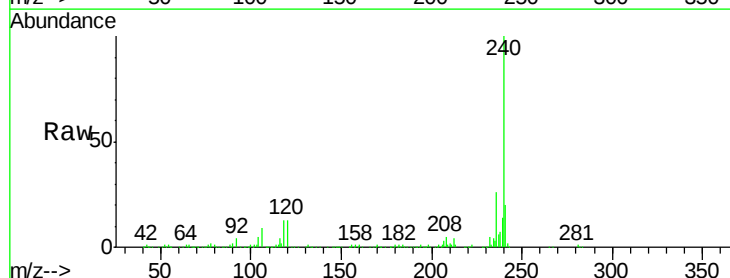


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

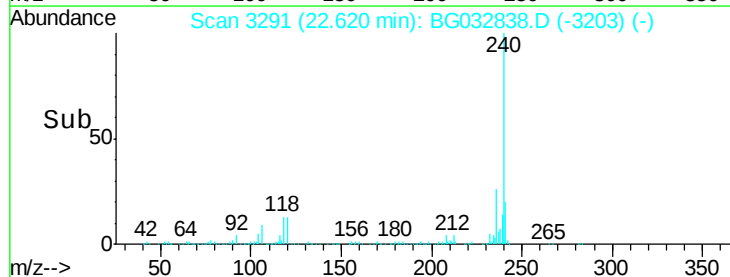
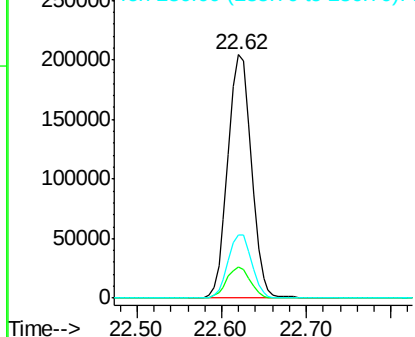


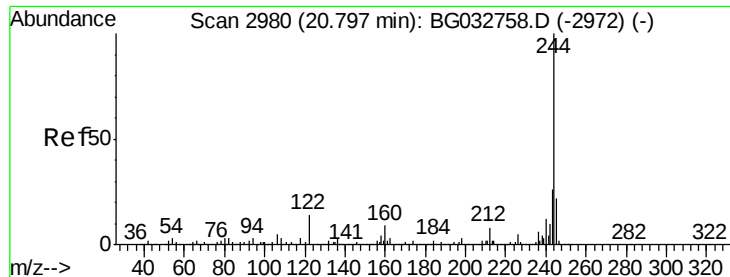
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BG032838.D
Acq: 27 Feb 2018 1:56

Tgt Ion:240 Resp: 395462
Ion Ratio Lower Upper
240 100
120 12.8 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: 87.038 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG032838.D

Acq: 27 Feb 2018 1:56

Instrument :

BNA_G

ClientSampled :

B4

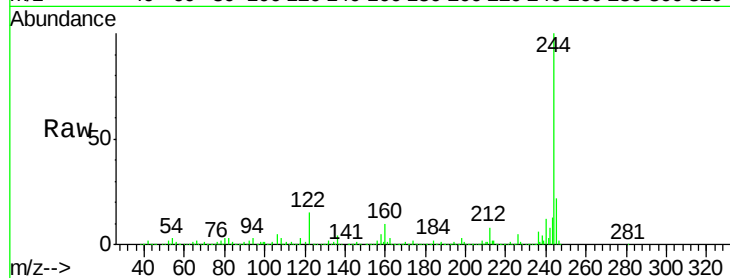
Tot Ion:244 Resp: 1532019

Ion Ratio Lower Upper

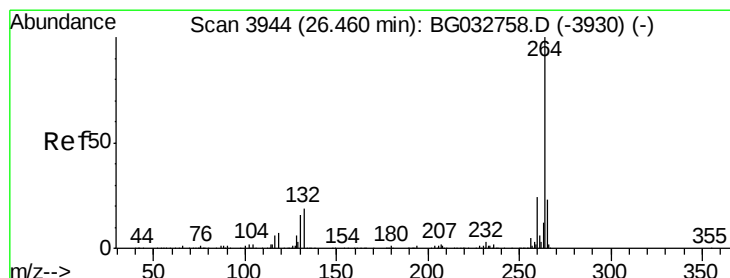
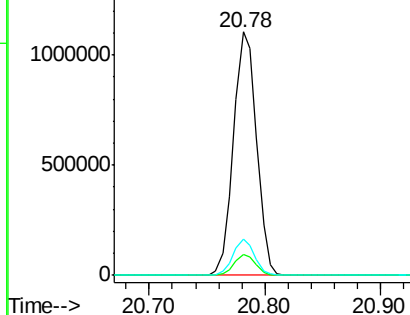
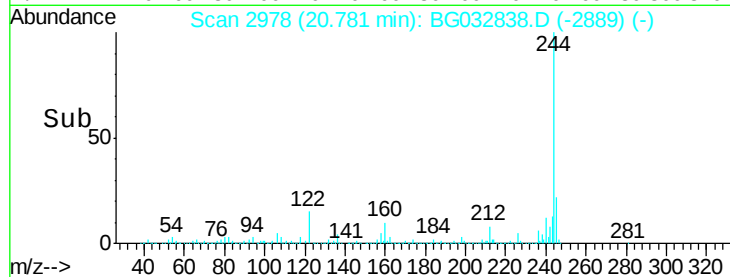
244 100

212 8.4 5.8 8.8

122 15.1 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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: BG032838.D

Acq: 27 Feb 2018 1:56

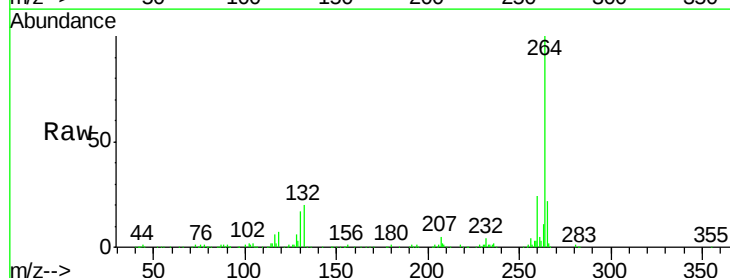
Tgt Ion:264 Resp: 406132

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

