

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033072.D
 Acq On : 9 Mar 2018 14:59
 Operator : SJ/JU
 Sample : J1755-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818

Quant Time: Mar 09 16:34:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	50912	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	224127	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	127479	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	297392	20.00	ng	0.00
75) Chrysene-d12	22.61	240	280400	20.00	ng	0.00
86) Perylene-d12	26.41	264	265380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	444362	139.64	ng	0.00
7) Phenol-d6	8.01	99	552018	124.45	ng	0.00
23) Nitrobenzene-d5	10.11	82	397439	118.62	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	226136	168.71	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	835691	94.55	ng	0.00
78) Terphenyl-d14	20.77	244	1297654	103.98	ng	0.00

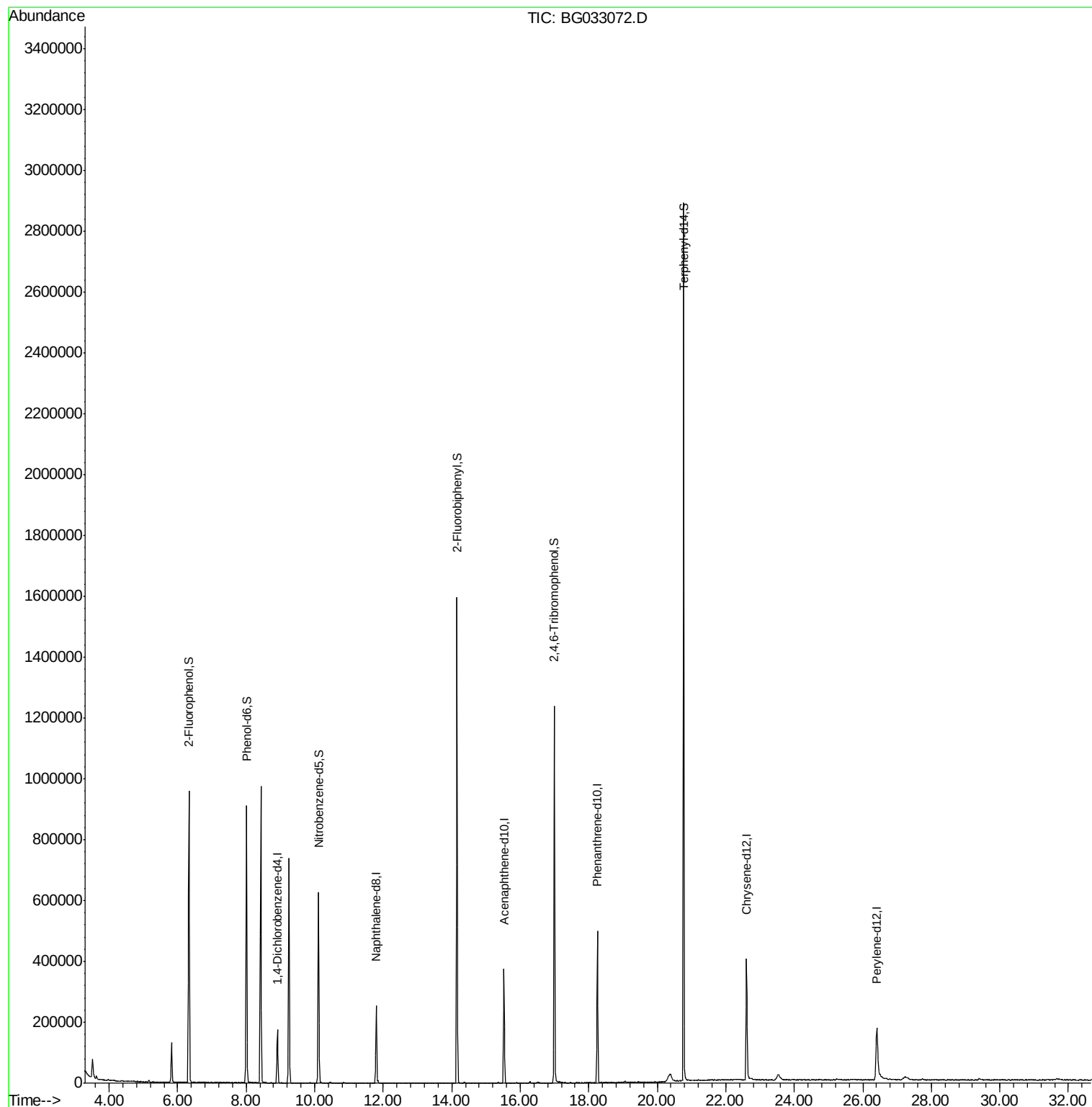
Target Compounds Qvalue

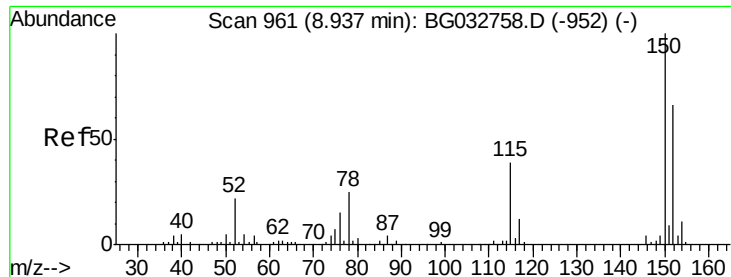
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 16:34:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



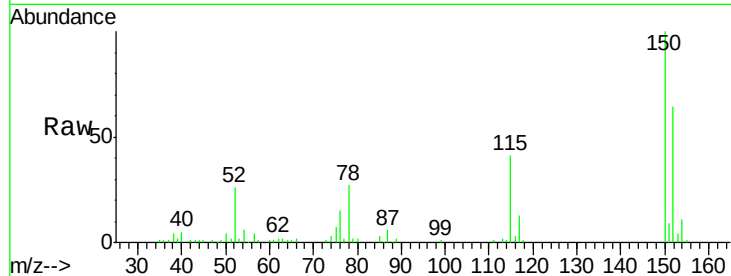


#1

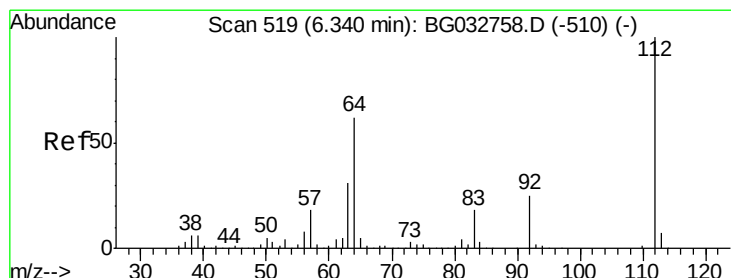
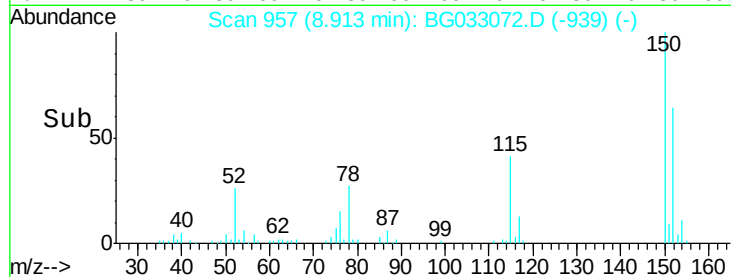
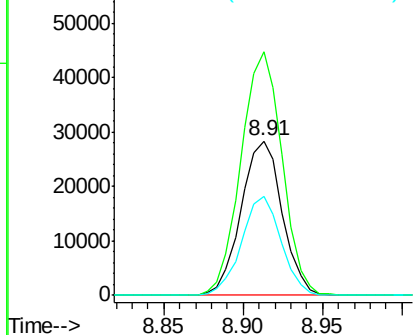
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Instrument :
BNA_G
ClientSampleId :
OK-03-030818

Tot Ion:152 Resp: 50912
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 64.3 53.0 79.4



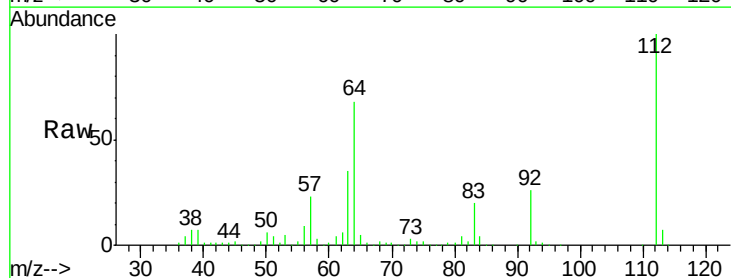
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



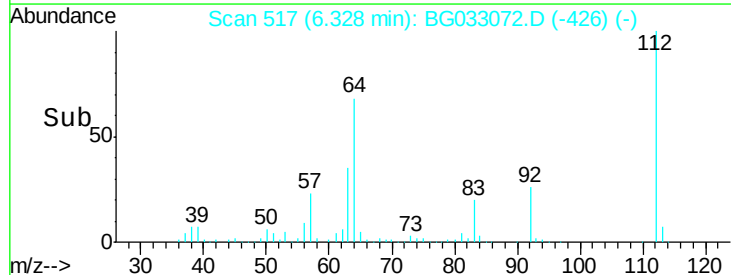
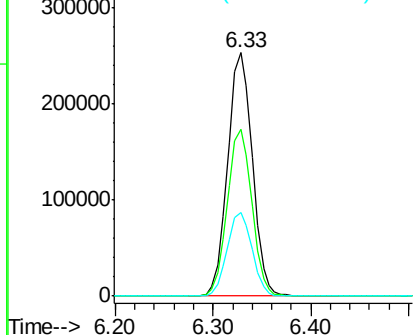
#5

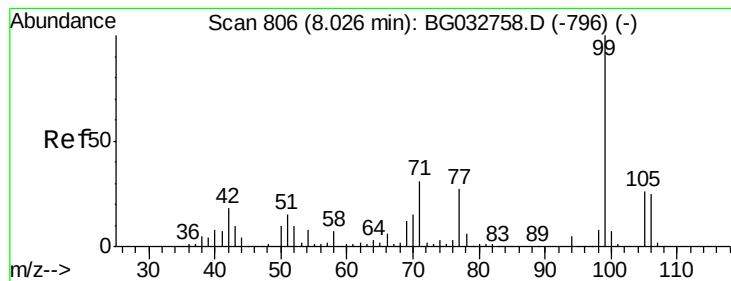
2-Fluorophenol
Concen: 139.636 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Tgt Ion:112 Resp: 444362
Ion Ratio Lower Upper
112 100
64 68.5 56.3 84.5
63 34.6 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: 124.450 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Instrument :

BNA_G

ClientSampleId :

OK-03-030818

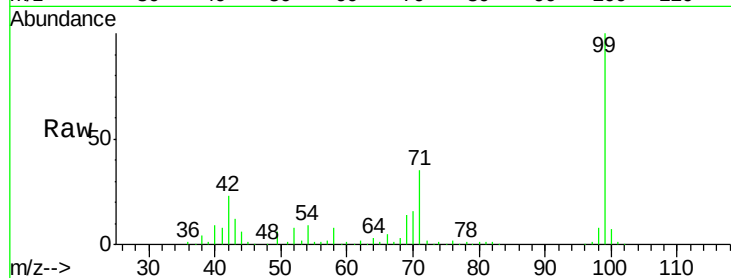
Tot Ion: 99 Resp: 552018

Ion Ratio Lower Upper

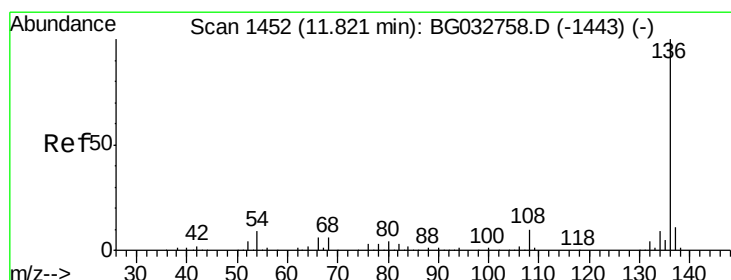
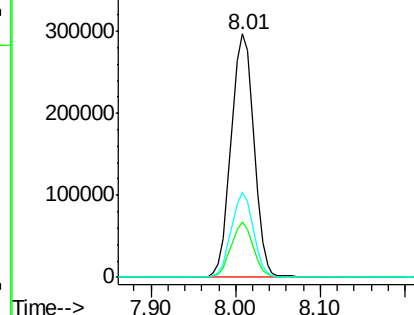
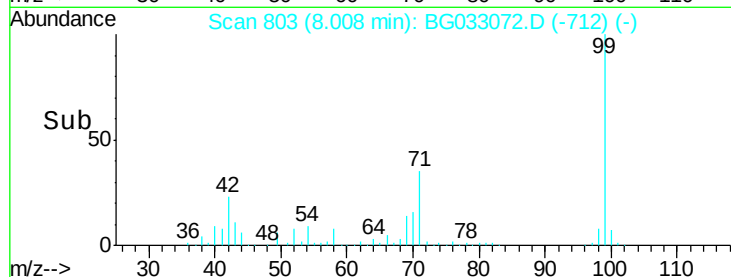
99 100

42 22.8 14.1 21.1#

71 34.8 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: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Tgt Ion: 136 Resp: 224127

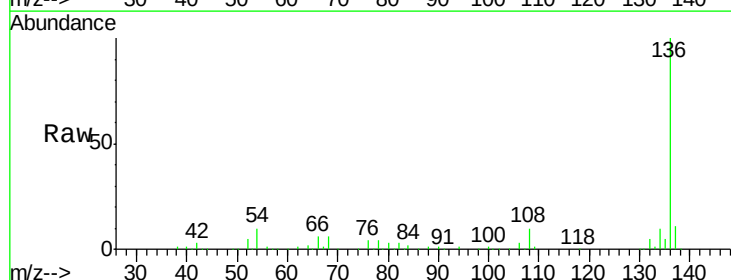
Ion Ratio Lower Upper

136 100

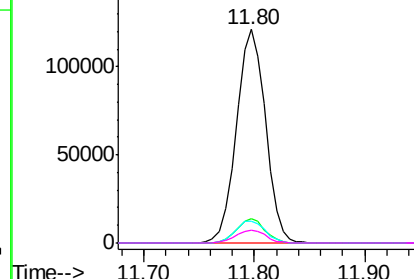
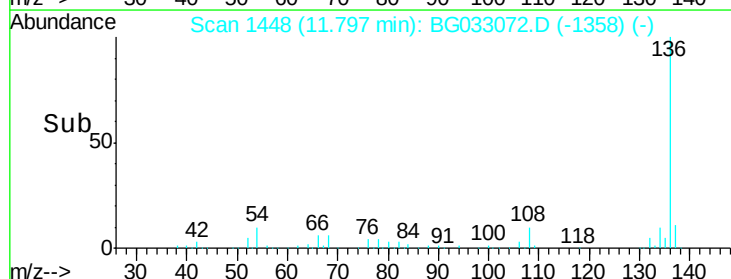
137 11.5 9.2 13.8

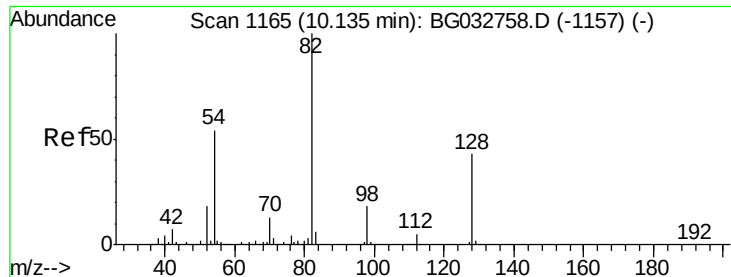
54 10.3 10.3 15.5#

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

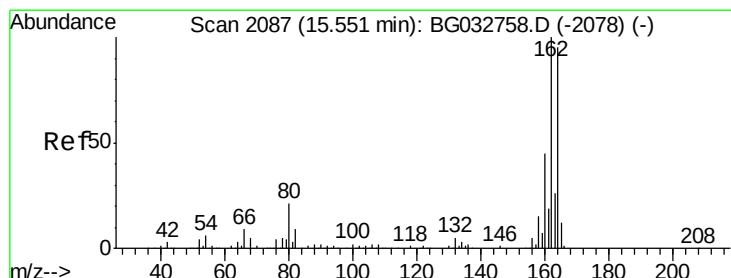
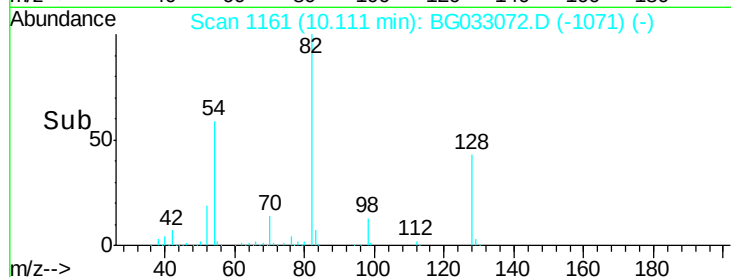
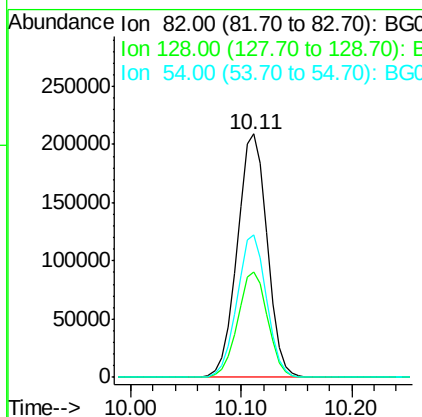
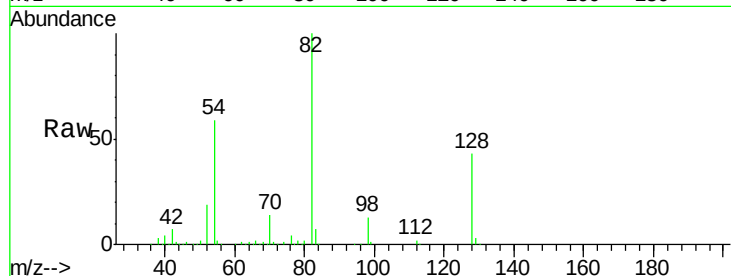




#23
Nitrobenzene-d5
Concen: 118.619 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

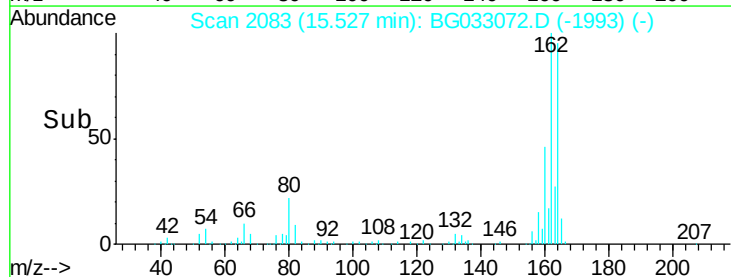
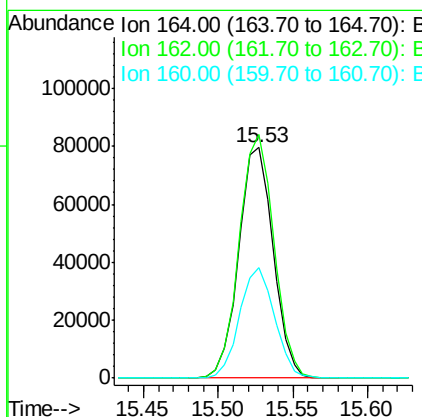
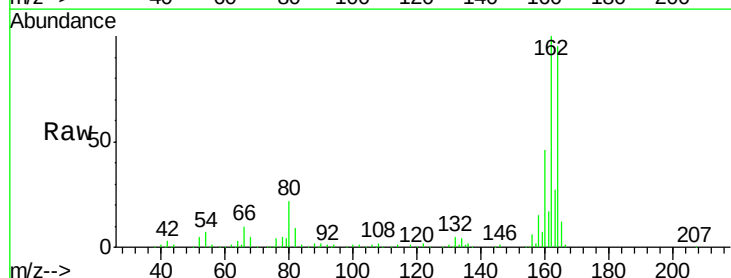
Instrument :
BNA_G
ClientSampleId :
OK-03-030818

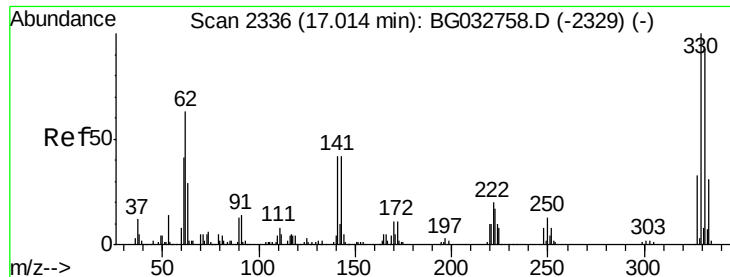
Tot Ion	82	Resp	397439
Ion Ratio	Lower	Upper	
82	100		
128	43.1	29.7	44.5
54	58.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Tgt Ion	164	Resp	127479
Ion Ratio	Lower	Upper	
164	100		
162	105.8	78.8	118.2
160	48.2	35.4	53.0

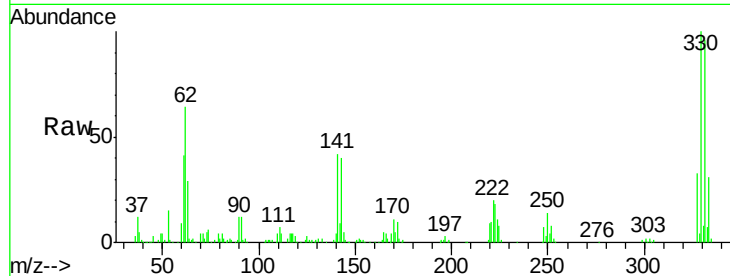




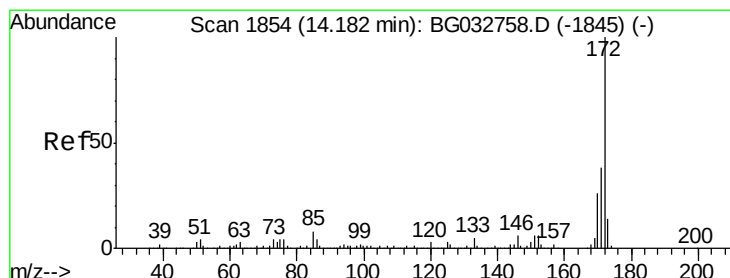
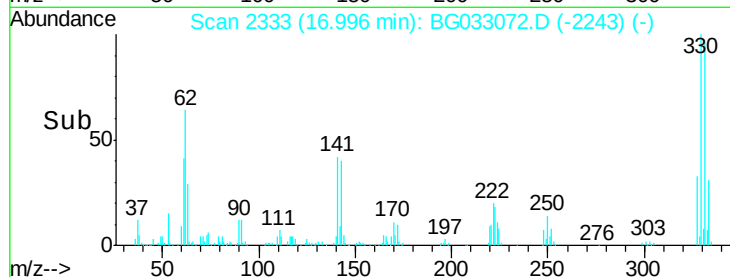
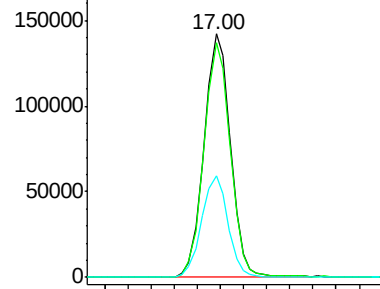
#41
 2,4,6-Tribromophenol
 Concen: 168.708 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818

Tot Ion:330 Resp: 226136
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 42.0 25.2 37.8#

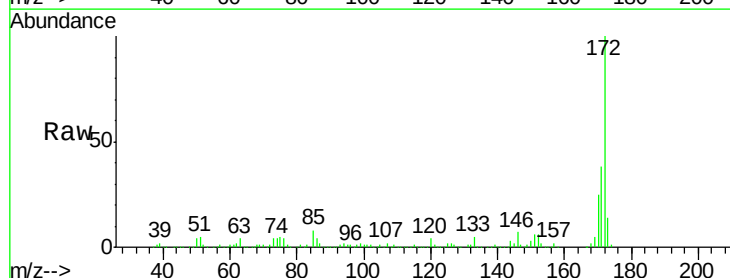


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

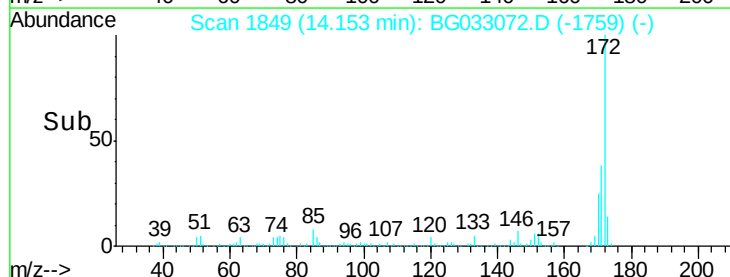
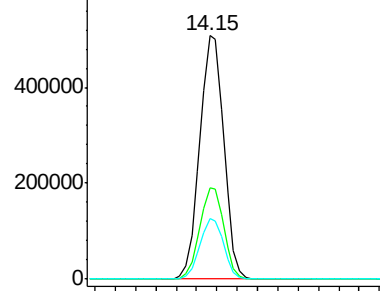


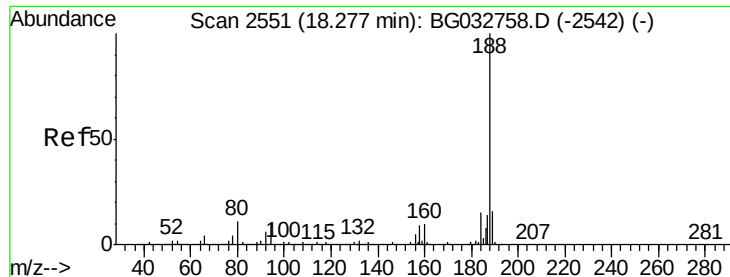
#44
 2-Fluorobiphenyl
 Concen: 94.547 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Tgt Ion:172 Resp: 835691
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.7 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: 18.25 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Instrument :

BNA_G

ClientSampleId :

OK-03-030818

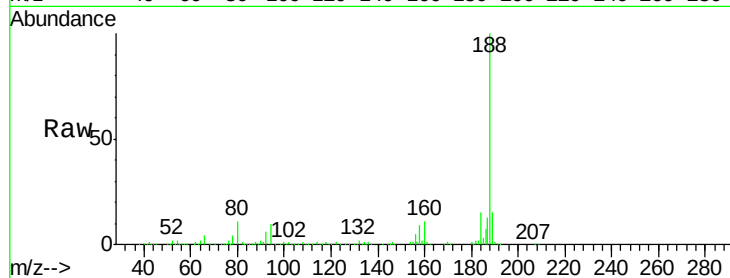
Tot Ion:188 Resp: 297392

Ion Ratio Lower Upper

188 100

94 10.0 6.9 10.3

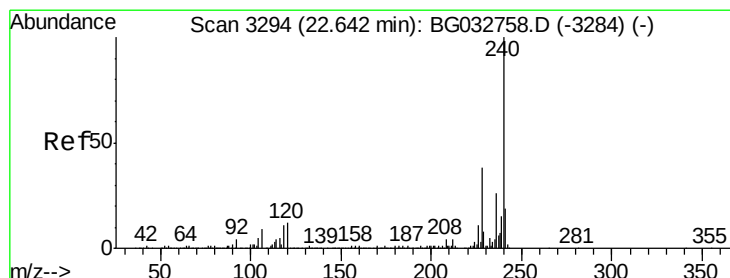
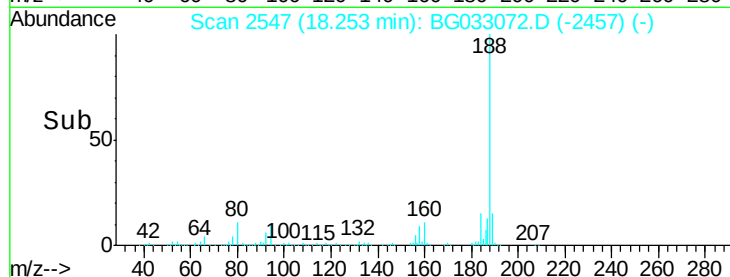
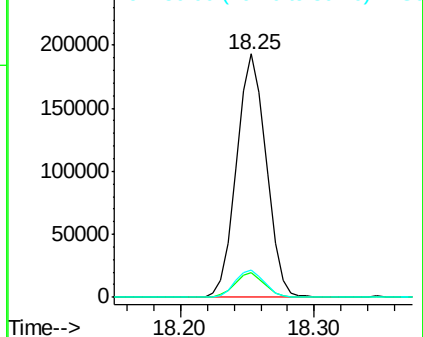
80 11.0 7.7 11.5



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: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

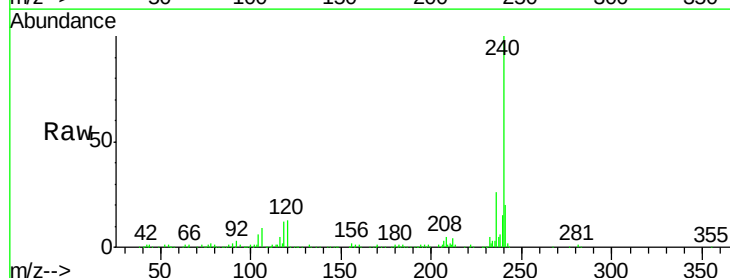
Tgt Ion:240 Resp: 280400

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

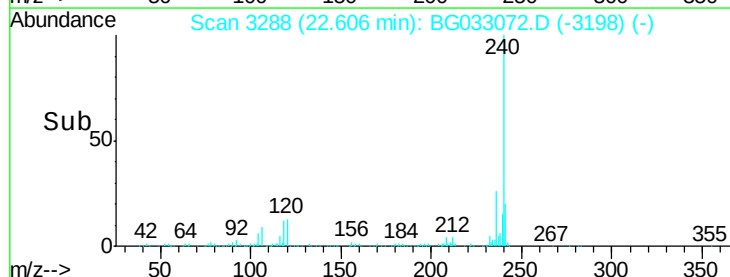
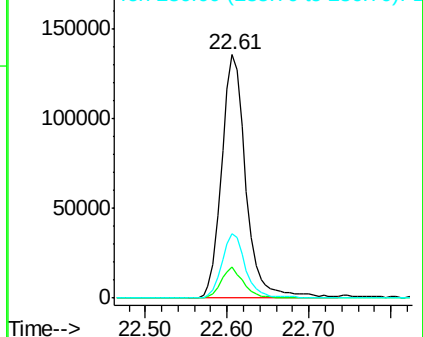
236 26.5 20.9 31.3

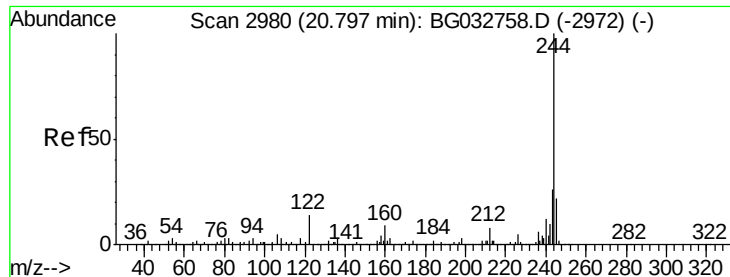


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.976 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Instrument :

BNA_G

ClientSampleId :

OK-03-030818

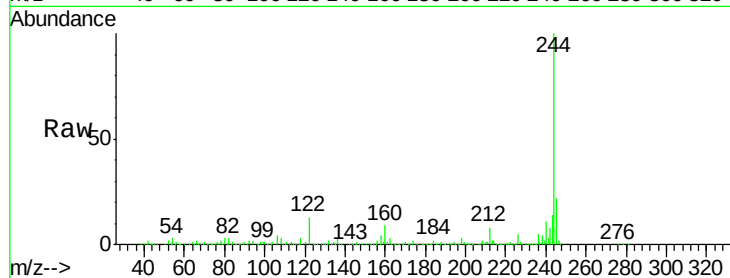
Tot Ion:244 Resp: 1297654

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 13.1 7.0 10.4#



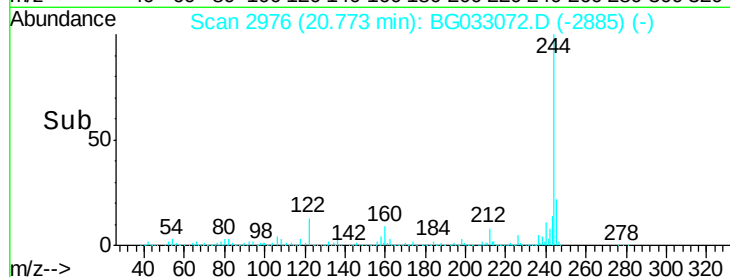
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.77

Time-->



Abundance

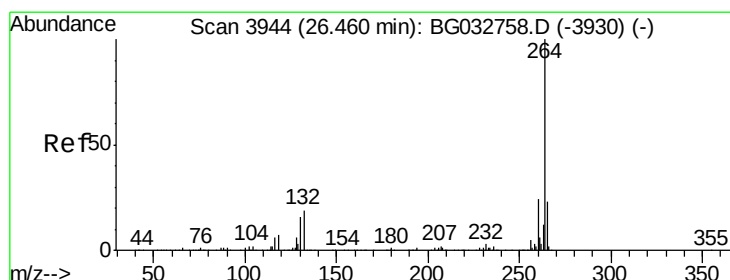
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.77

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

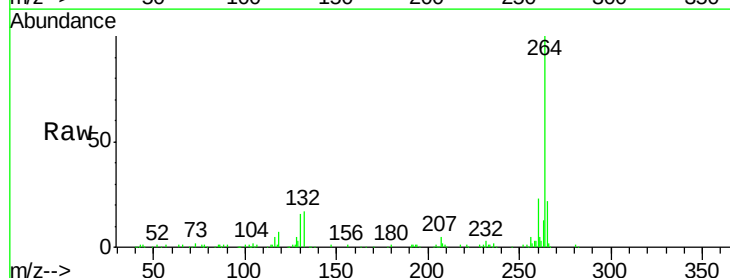
Tgt Ion:264 Resp: 265380

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.9 17.7 26.5



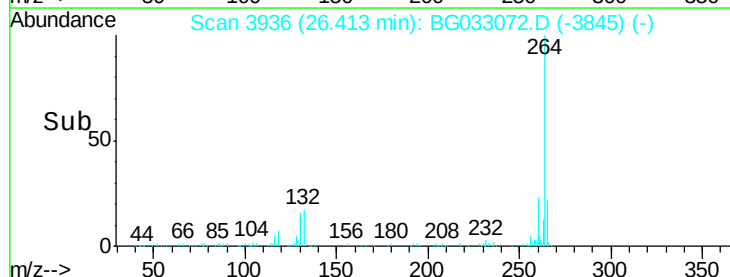
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

26.41

Time-->



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

26.41

Time-->