

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032769.D
 Acq On : 21 Feb 2018 20:58
 Operator : SJ/JU
 Sample : J1624-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Feb 22 06:56:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	73069	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	314760	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	176585	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	396855	20.00	ng	0.00
75) Chrysene-d12	22.63	240	376027	20.00	ng	-0.01
86) Perylene-d12	26.44	264	397995	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	600312	131.44	ng	0.00
7) Phenol-d6	8.02	99	709240	111.41	ng	0.00
23) Nitrobenzene-d5	10.13	82	485033	104.38	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	290279	156.34	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1111801	90.81	ng	0.00
78) Terphenyl-d14	20.79	244	1593974	95.24	ng	0.00

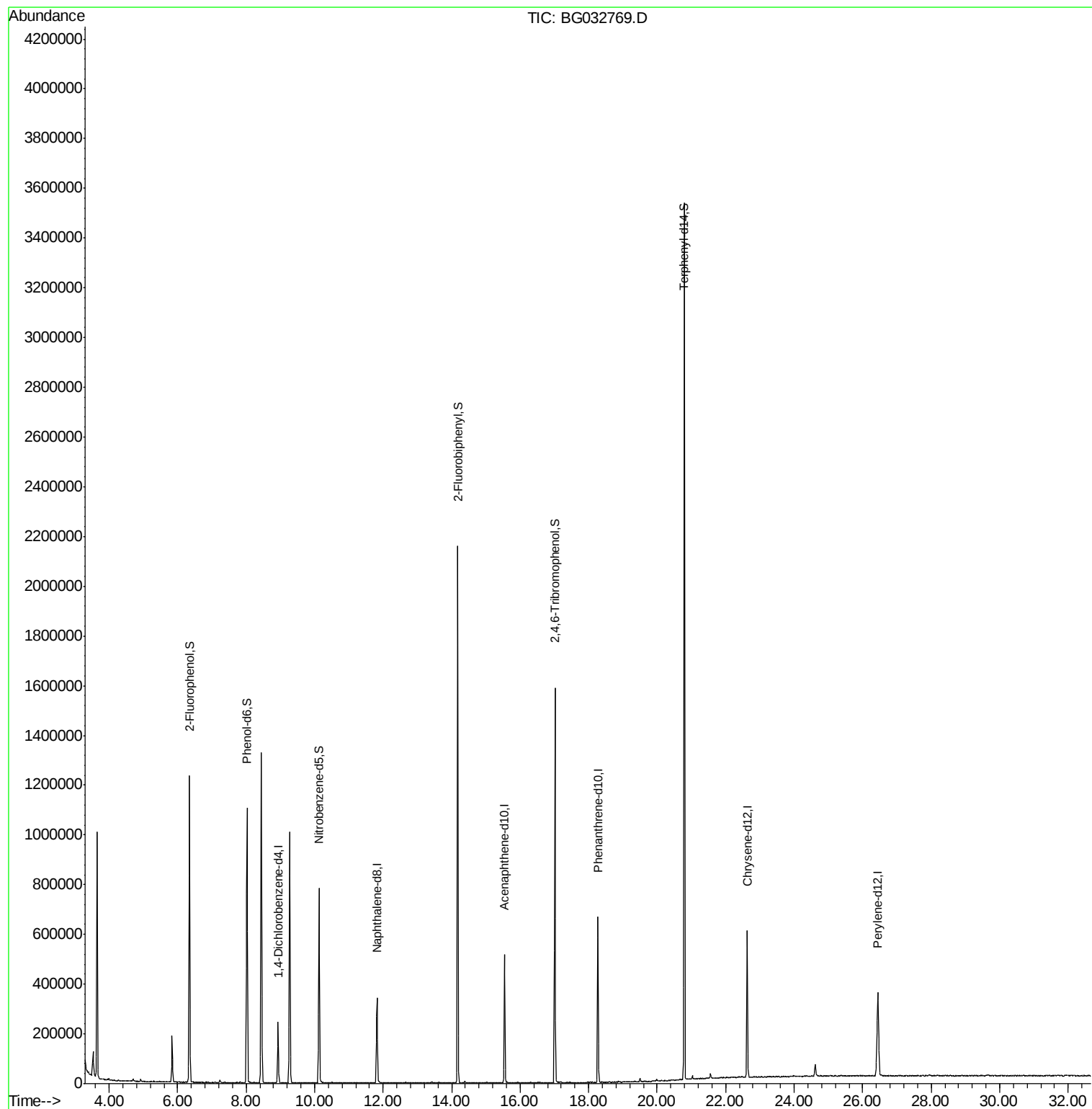
Target Compounds Qvalue

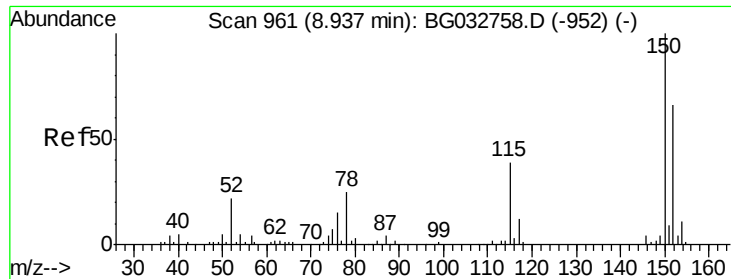
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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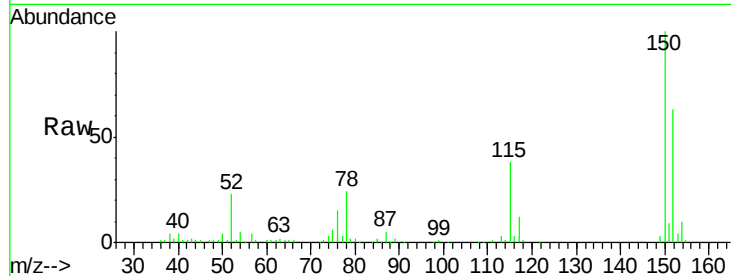


#1

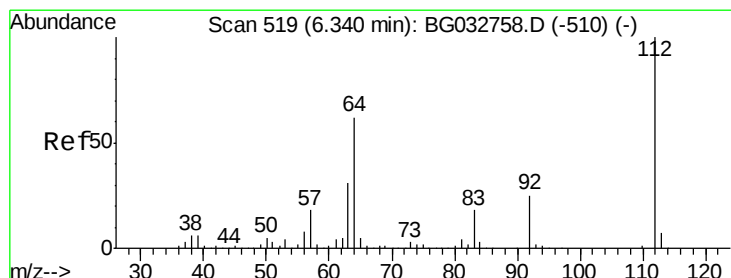
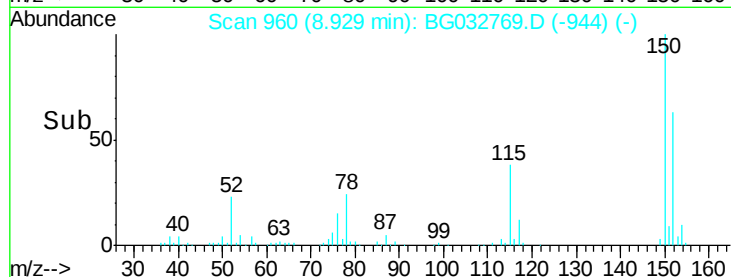
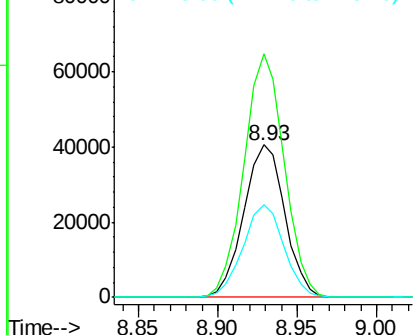
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Instrument :
BNA_G
ClientSampled :
TP-3

Tot Ion:152 Resp: 73069
Ion Ratio Lower Upper
152 100
150 159.9 126.6 189.8
115 60.7 53.0 79.4



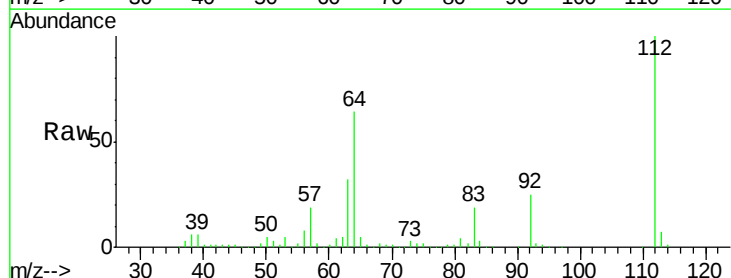
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



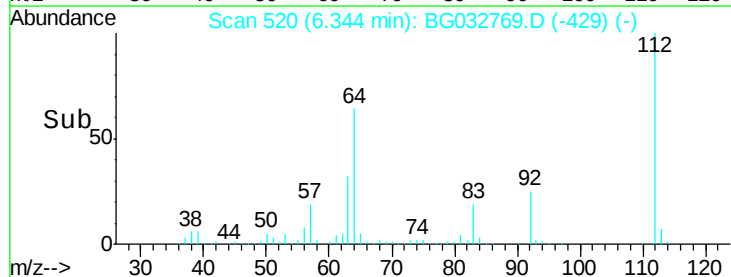
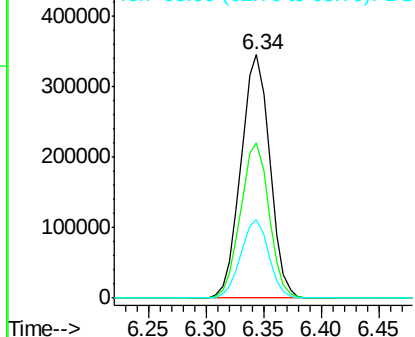
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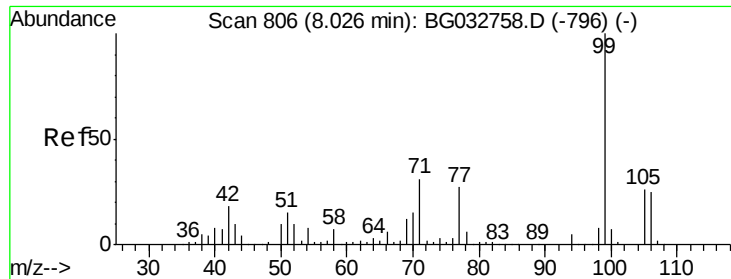
2-Fluorophenol
Concen: 131.439 ng
RT: 6.34 min Scan# 520
Delta R.T. 0.00 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:112 Resp: 600312
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 32.2 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: 111.409 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampled :

TP-3

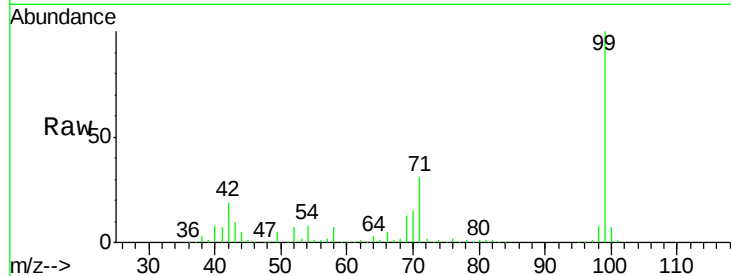
Tot Ion: 99 Resp: 709240

Ion Ratio Lower Upper

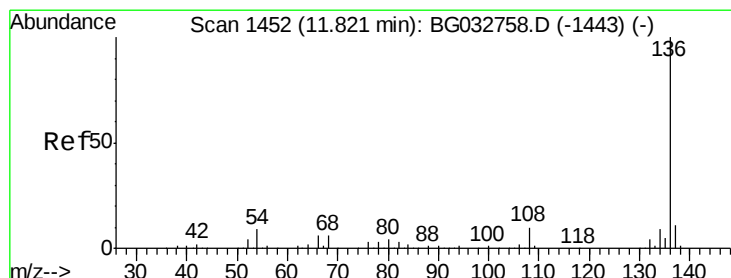
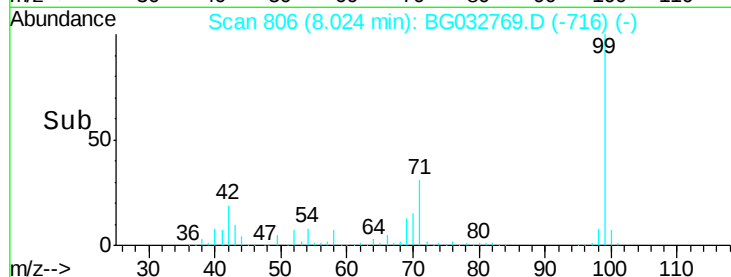
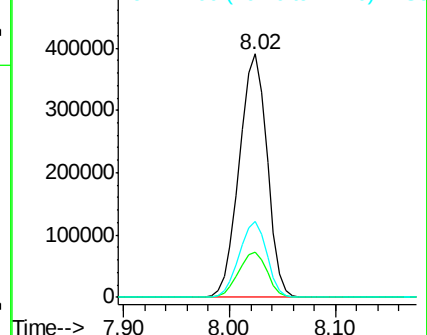
99 100

42 18.8 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: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Tgt Ion: 136 Resp: 314760

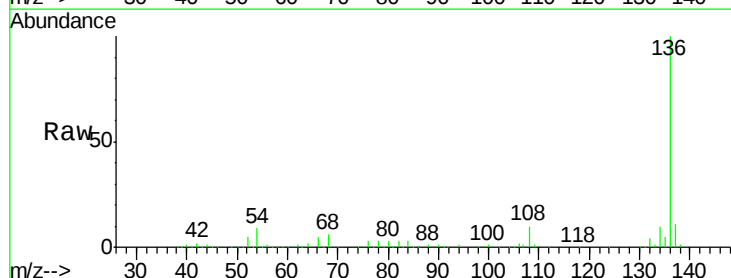
Ion Ratio Lower Upper

136 100

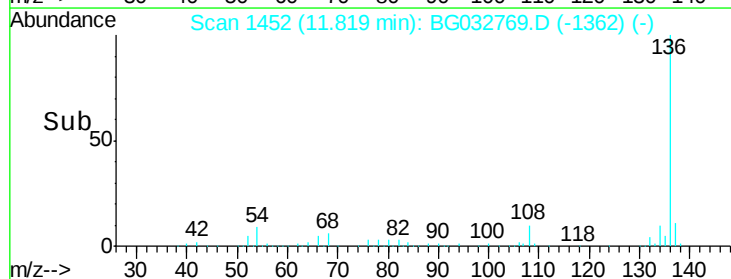
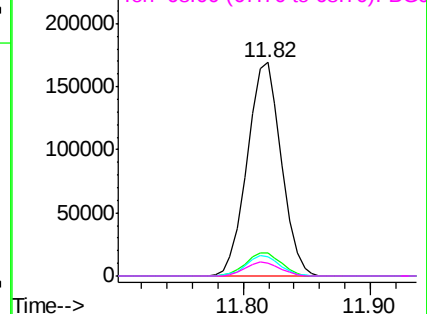
137 10.9 9.2 13.8

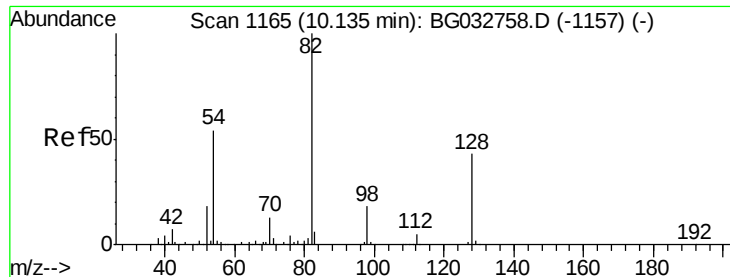
54 8.9 10.3 15.5#

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

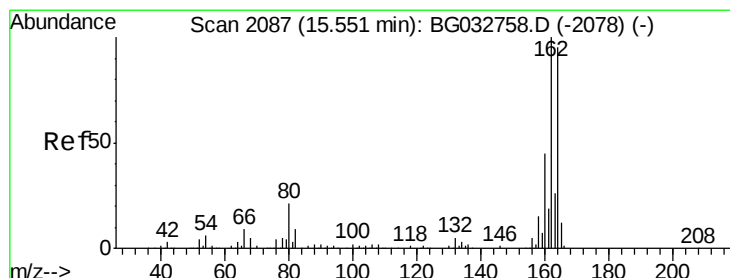
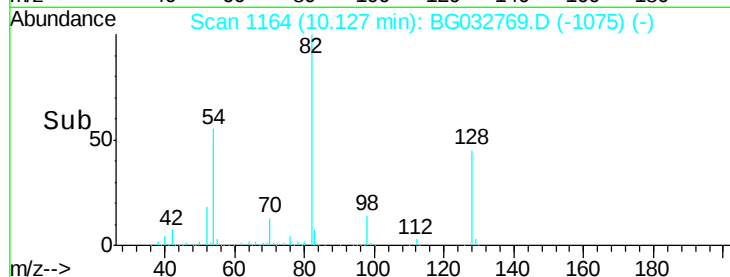
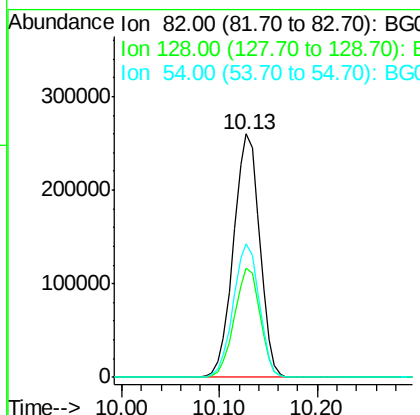
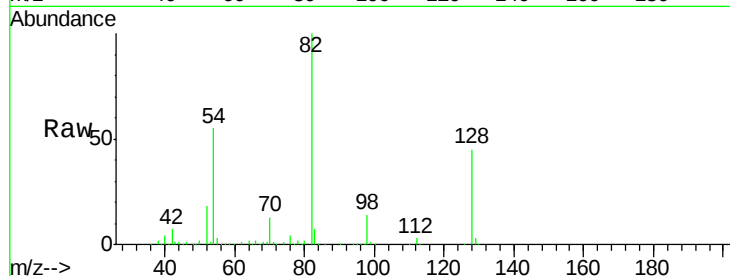




#23
Nitrobenzene-d5
Concen: 104.377 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

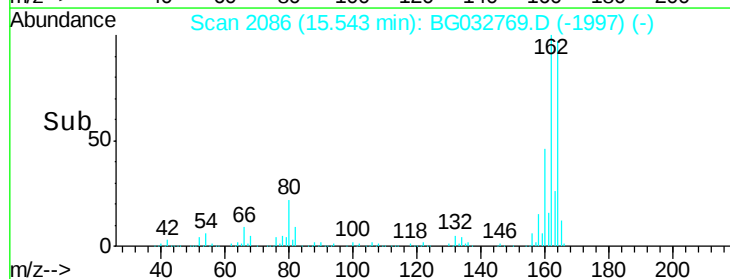
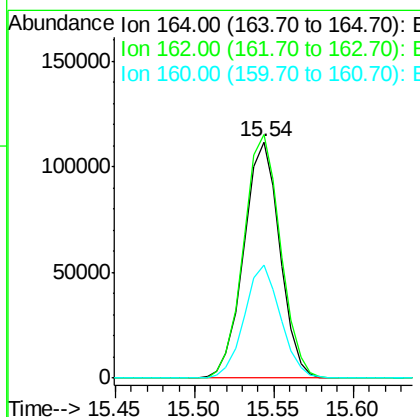
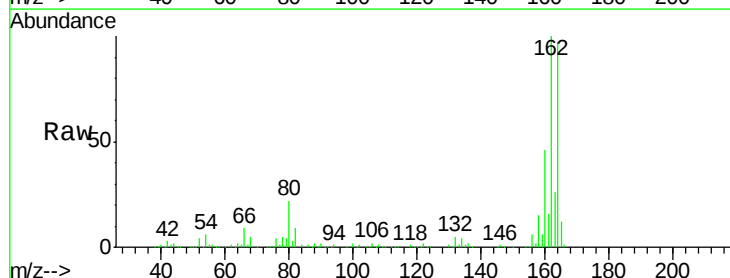
Instrument :
BNA_G
ClientSampleId :
TP-3

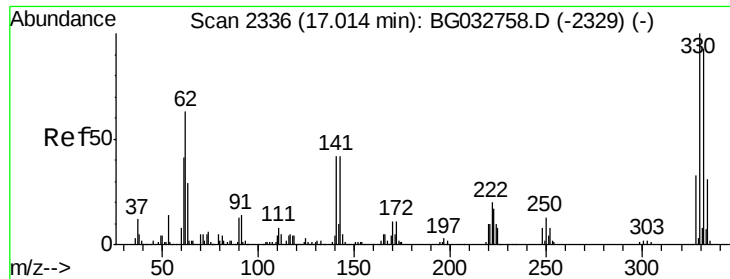
Tot Ion: 82 Resp: 485033
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 55.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:164 Resp: 176585
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 47.8 35.4 53.0

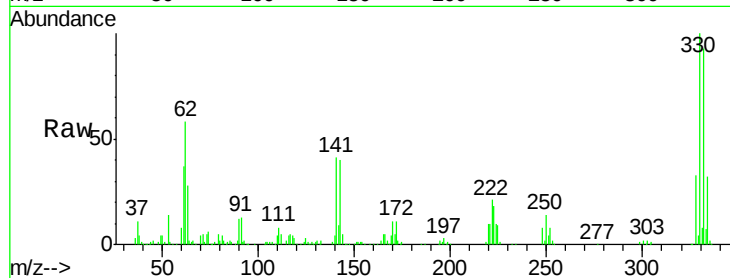




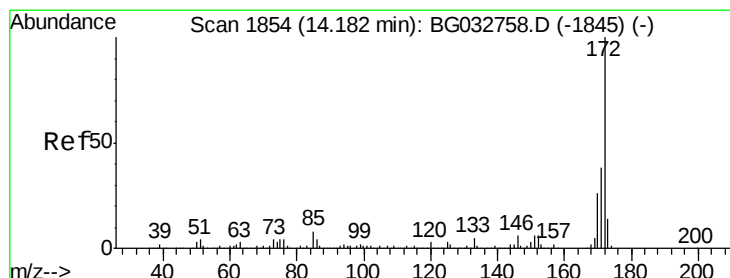
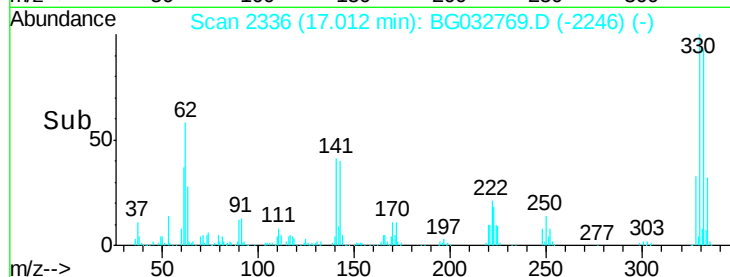
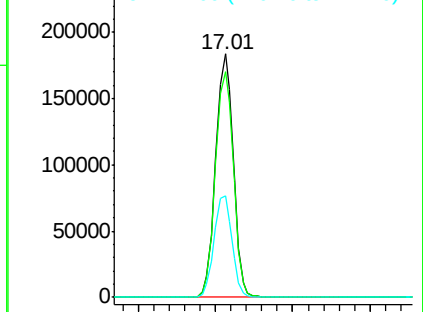
#41
 2,4,6-Tribromophenol
 Concen: 156.339 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion:330 Resp: 290279
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 42.4 25.2 37.8#

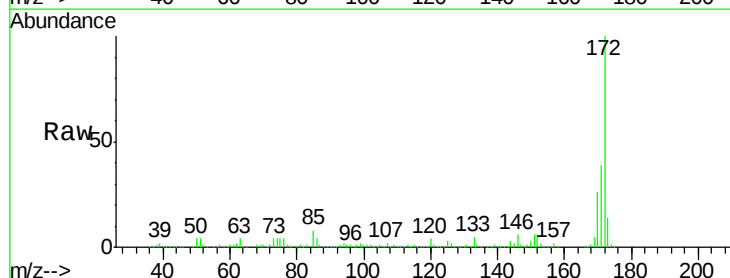


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

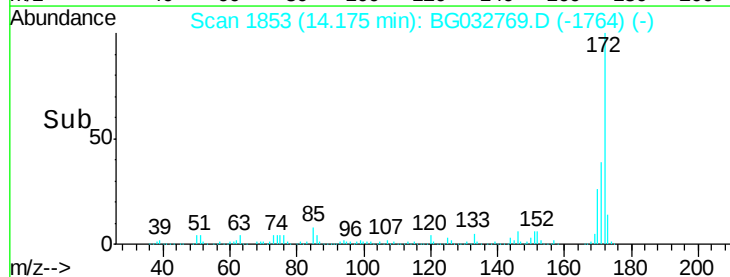
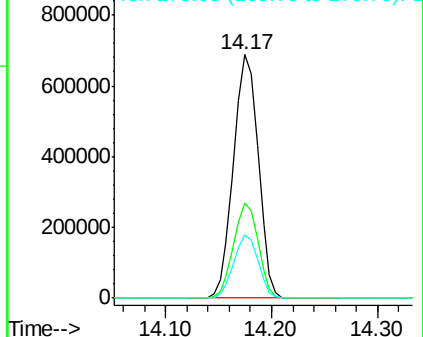


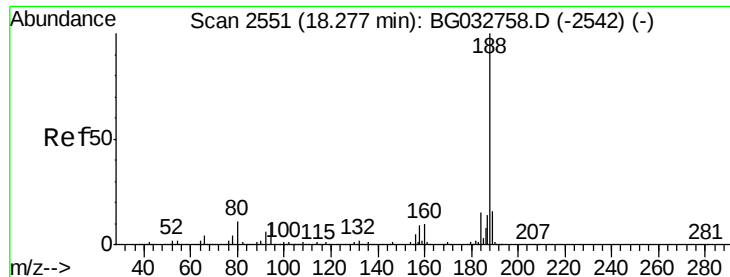
#44
 2-Fluorobiphenyl
 Concen: 90.806 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion:172 Resp: 1111801
 Ion Ratio Lower Upper
 172 100
 171 38.9 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

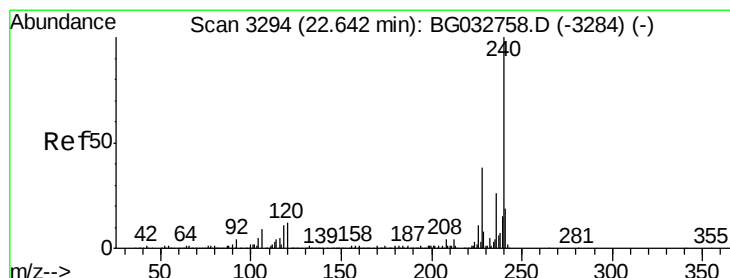
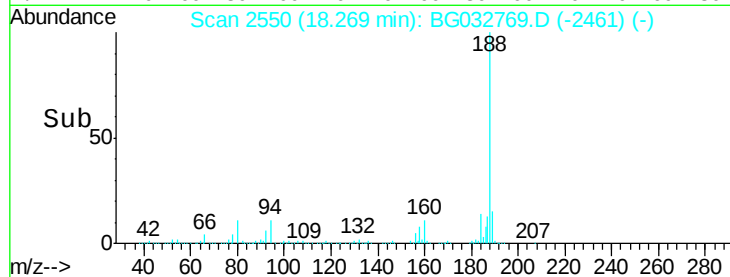
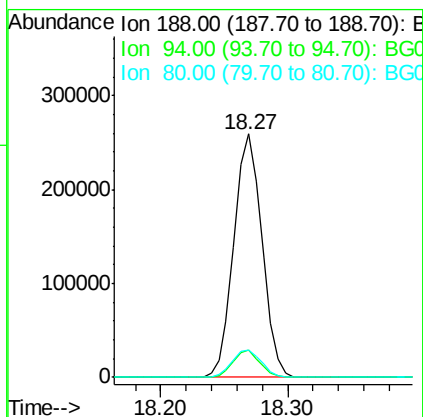
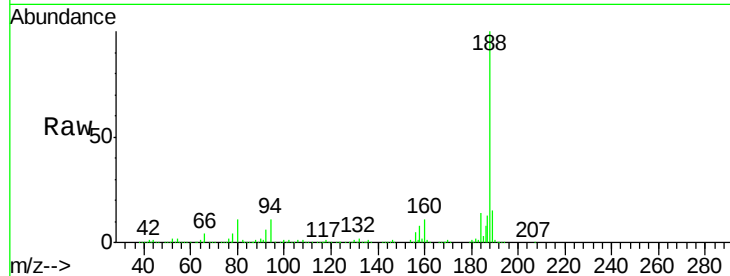




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

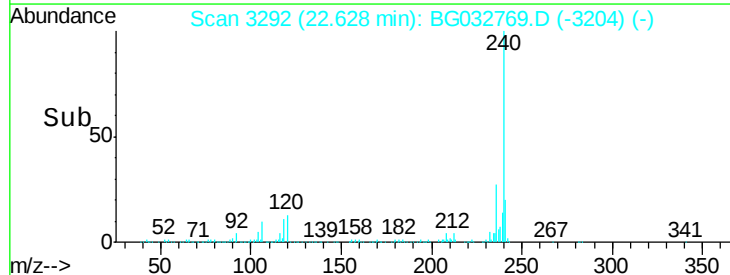
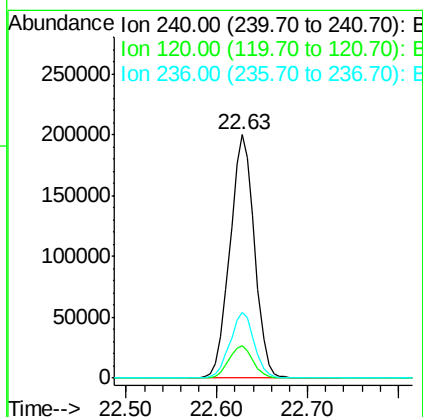
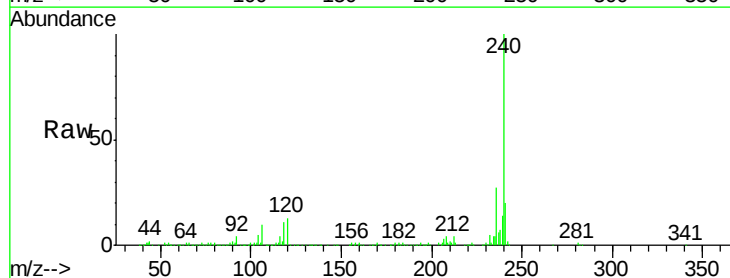
Instrument :
BNA_G
ClientSampleId :
TP-3

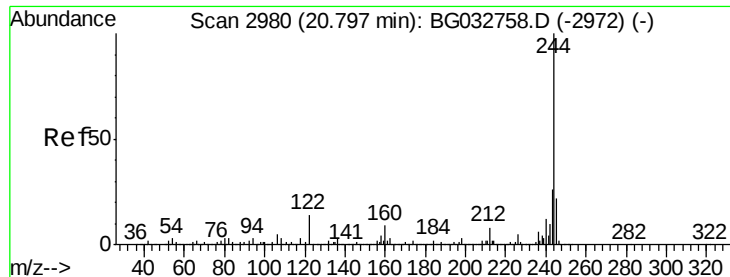
Tot Ion:188 Resp: 396855
Ion Ratio Lower Upper
188 100
94 11.0 6.9 10.3#
80 11.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:240 Resp: 376027
Ion Ratio Lower Upper
240 100
120 13.1 6.8 10.2#
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 95.239 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampled :

TP-3

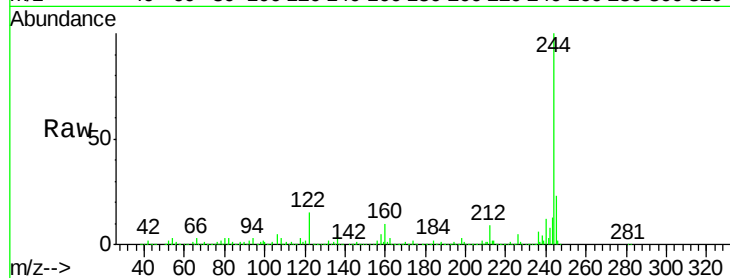
Tot Ion:244 Resp: 1593974

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

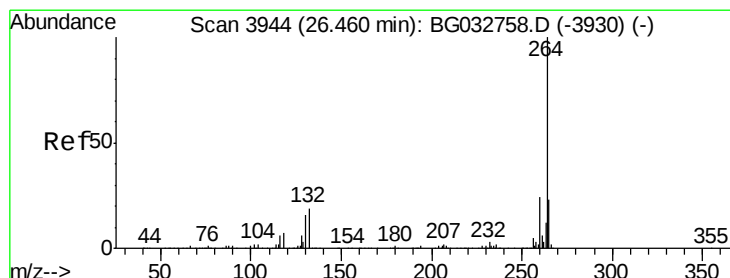
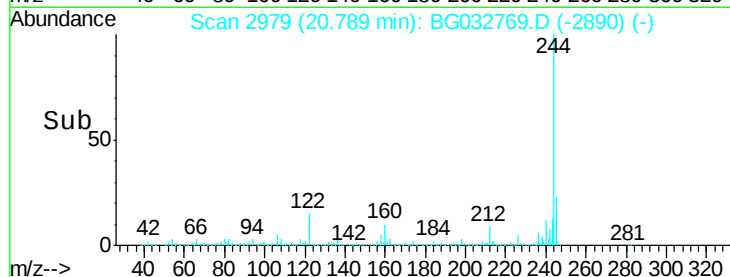
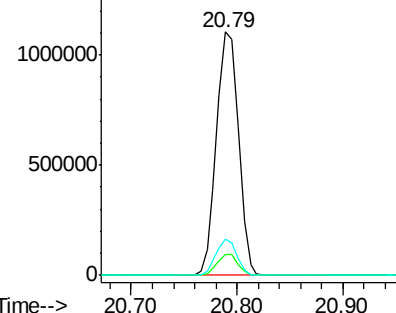
122 15.1 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

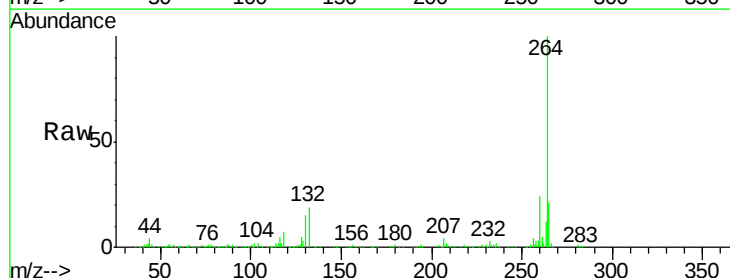
Tgt Ion:264 Resp: 397995

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.5 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

