

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033040.D
 Acq On : 8 Mar 2018 14:43
 Operator : SJ/JU
 Sample : J1821-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK-20180203

Quant Time: Mar 08 16:40:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	52093	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	232522	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	132566	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	293405	20.00	ng	0.00
75) Chrysene-d12	22.61	240	271045	20.00	ng	0.00
86) Perylene-d12	26.40	264	274698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	171391	52.64	ng	0.00
7) Phenol-d6	8.00	99	146467	32.27	ng	0.00
23) Nitrobenzene-d5	10.11	82	348700	101.84	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	218677	156.88	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	790772	86.03	ng	0.00
78) Terphenyl-d14	20.77	244	1261297	104.55	ng	0.00

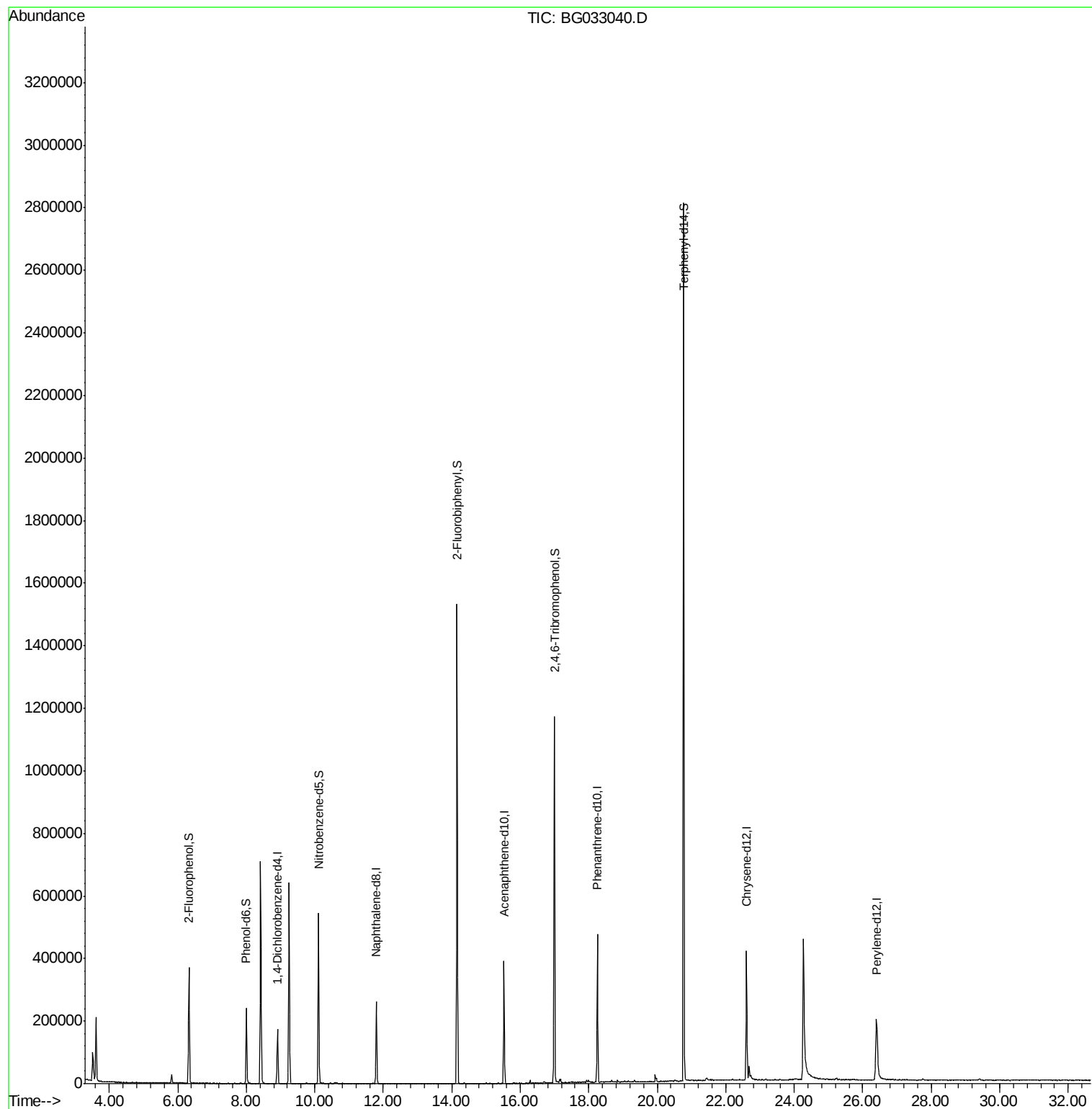
Target Compounds Qvalue

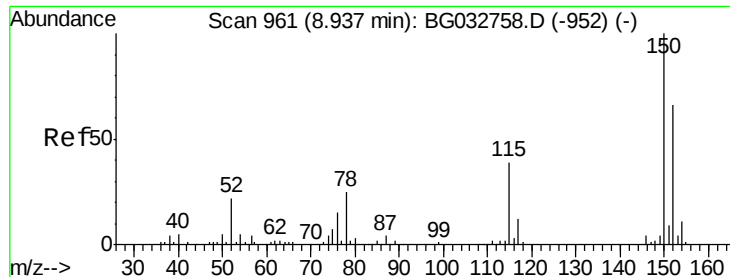
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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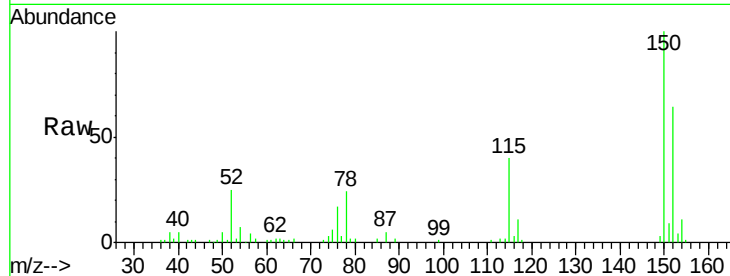


#1

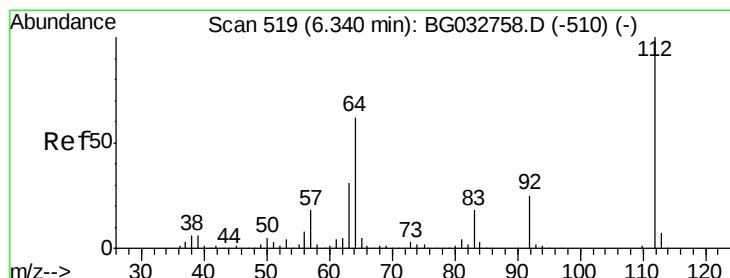
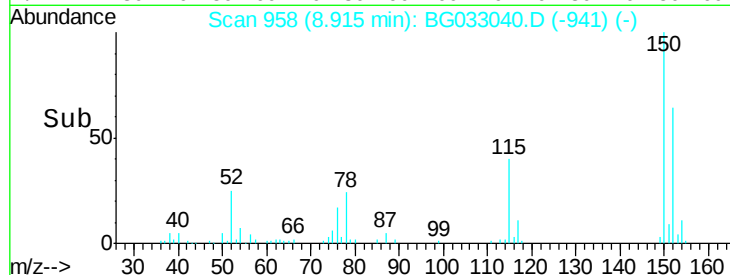
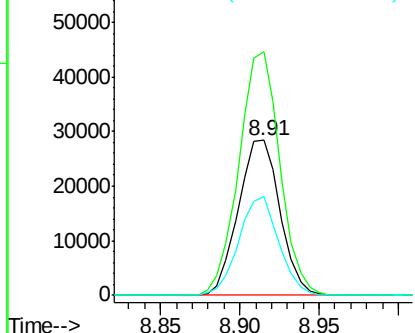
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG033040.D
Acq: 8 Mar 2018 14:43

Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-20180203

Tot Ion:152 Resp: 52093
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 63.6 53.0 79.4



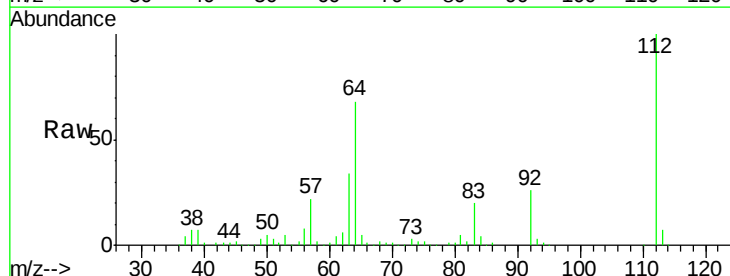
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



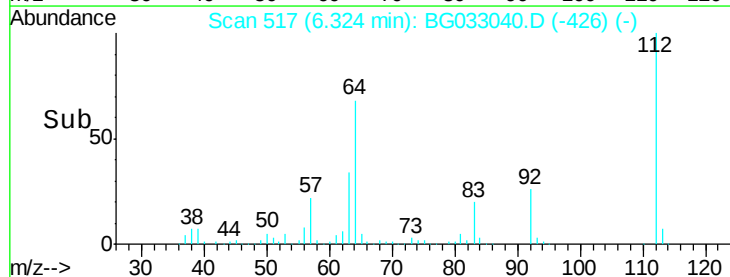
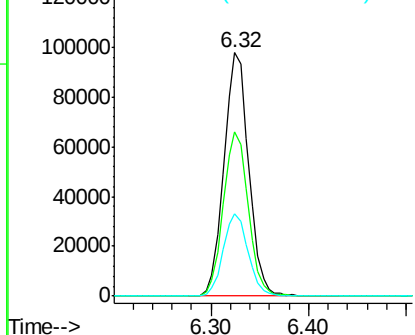
#5

2-Fluorophenol
Concen: 52.637 ng
RT: 6.32 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033040.D
Acq: 8 Mar 2018 14:43

Tgt Ion:112 Resp: 171391
Ion Ratio Lower Upper
112 100
64 67.7 56.3 84.5
63 33.6 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: 32.272 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-20180203

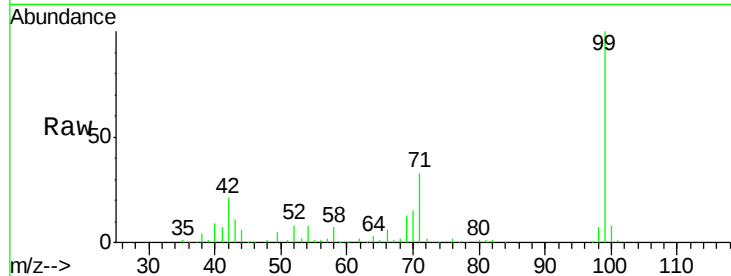
Tot Ion: 99 Resp: 146467

Ion Ratio Lower Upper

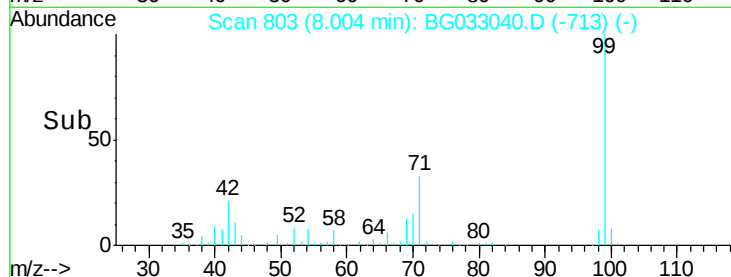
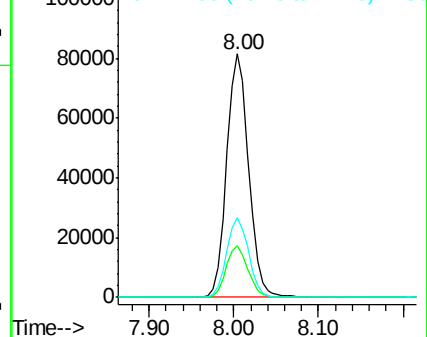
99 100

42 21.5 14.1 21.1#

71 32.7 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# 1449

Delta R.T. 0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

Tgt Ion: 136 Resp: 232522

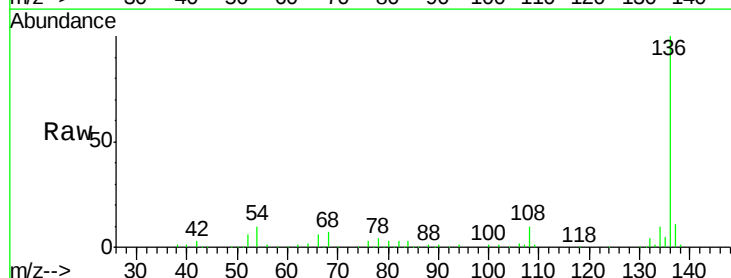
Ion Ratio Lower Upper

136 100

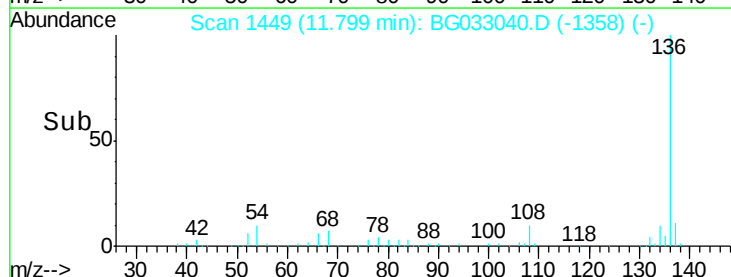
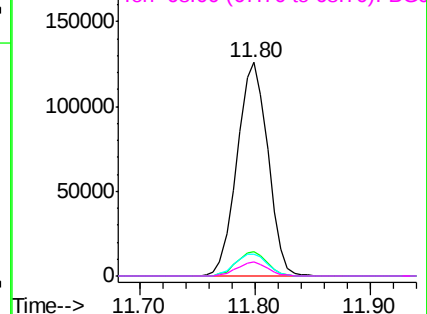
137 11.2 9.2 13.8

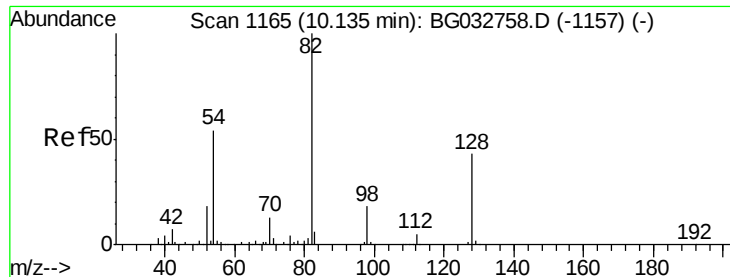
54 10.1 10.3 15.5#

68 6.8 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

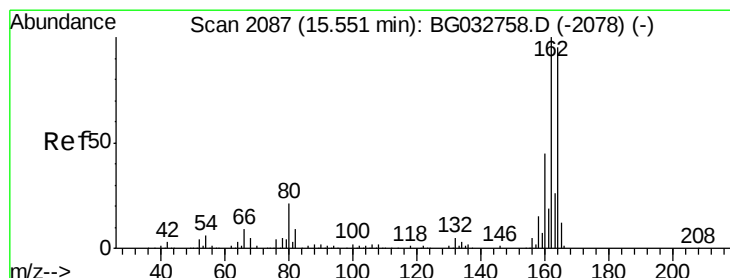
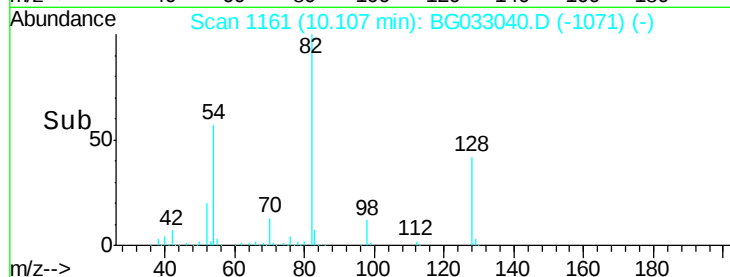
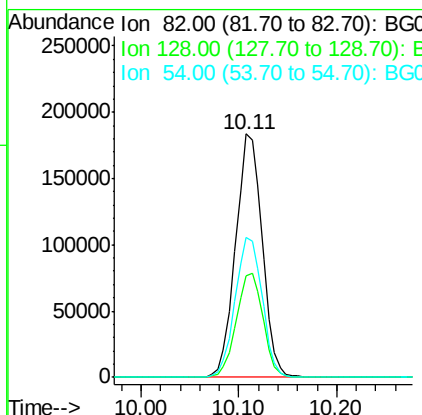
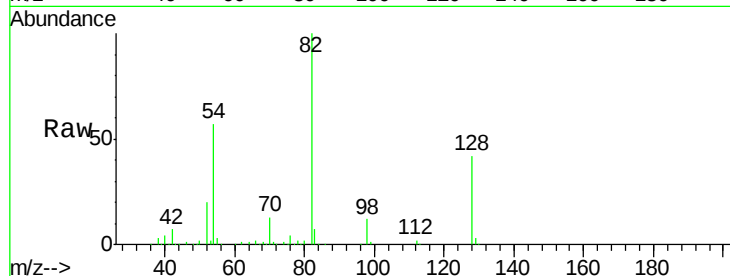




#23
Nitrobenzene-d5
Concen: 101.844 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033040.D
Acq: 8 Mar 2018 14:43

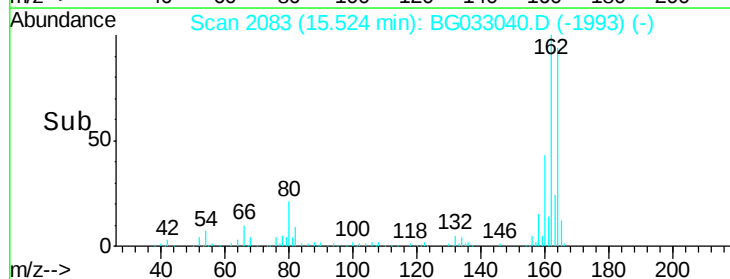
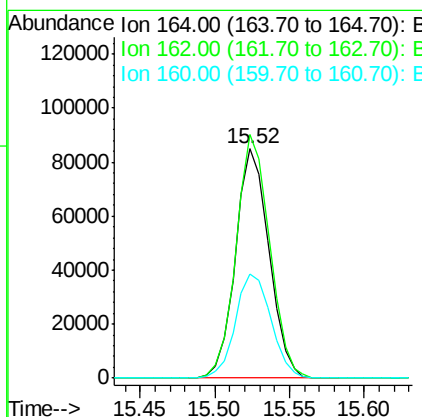
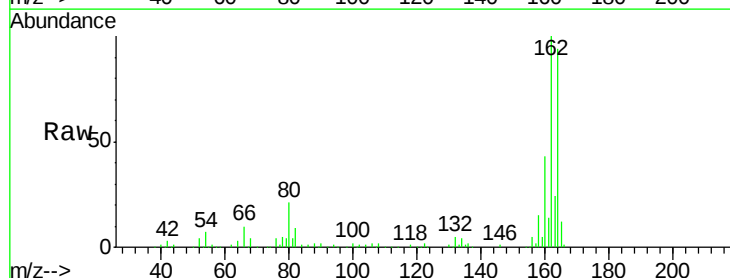
Instrument :
BNA_G
ClientSampleId :
FIELDBLANK-20180203

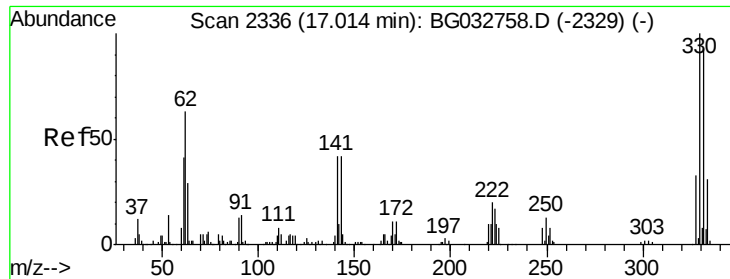
Tot Ion: 82 Resp: 348700
Ion Ratio Lower Upper
82 100
128 41.9 29.7 44.5
54 57.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033040.D
Acq: 8 Mar 2018 14:43

Tgt Ion:164 Resp: 132566
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 45.4 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 156.883 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-20180203

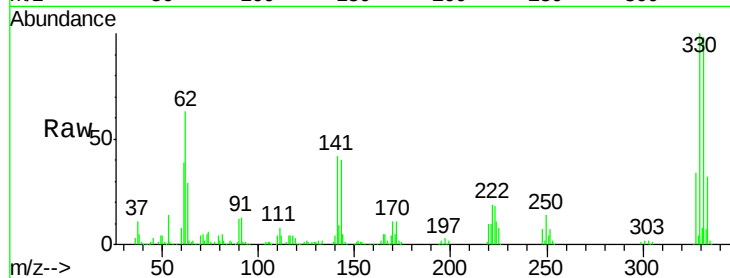
Tot Ion:330 Resp: 218677

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

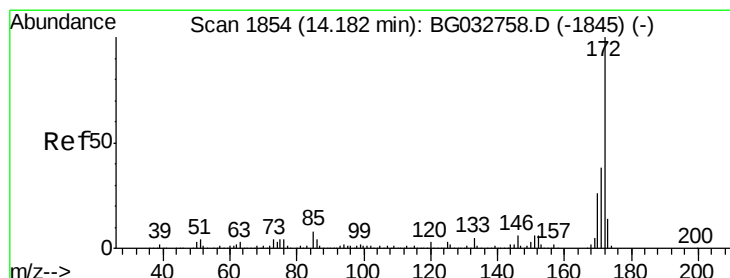
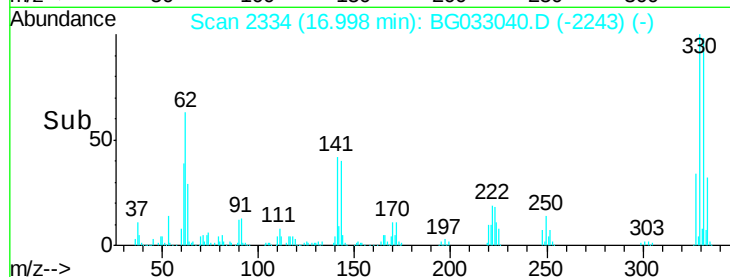
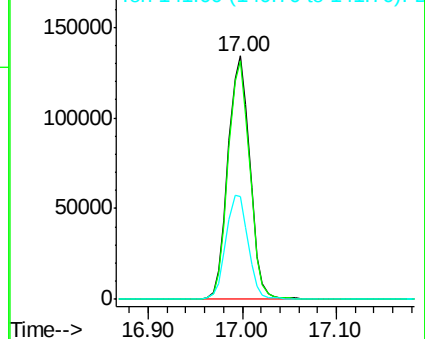
141 43.0 25.2 37.8#



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: 86.032 ng

RT: 14.15 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

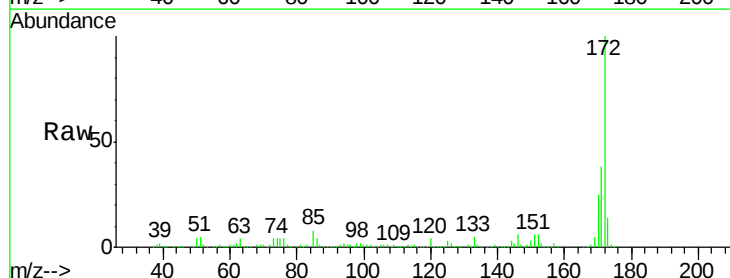
Tgt Ion:172 Resp: 790772

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

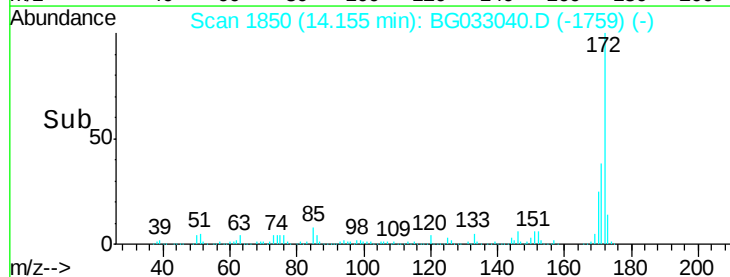
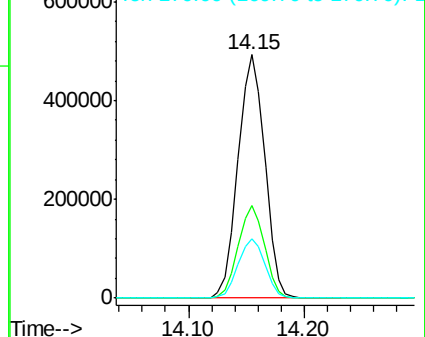
170 24.6 19.5 29.3

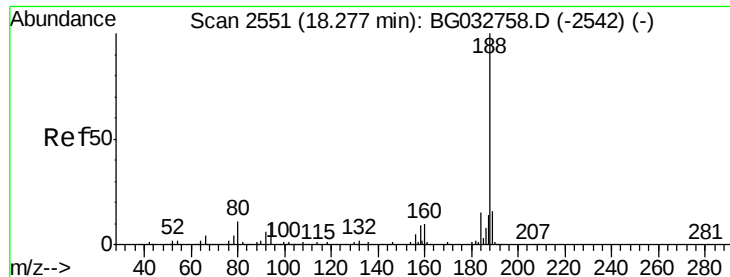


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2548

Delta R.T. 0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK-20180203

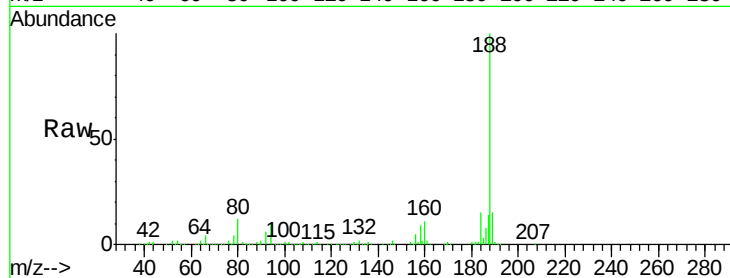
Tot Ion:188 Resp: 293405

Ion Ratio Lower Upper

188 100

94 9.8 6.9 10.3

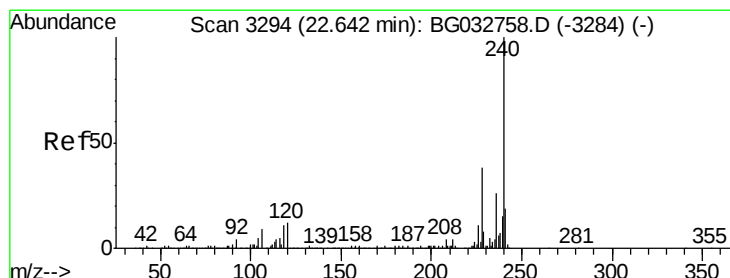
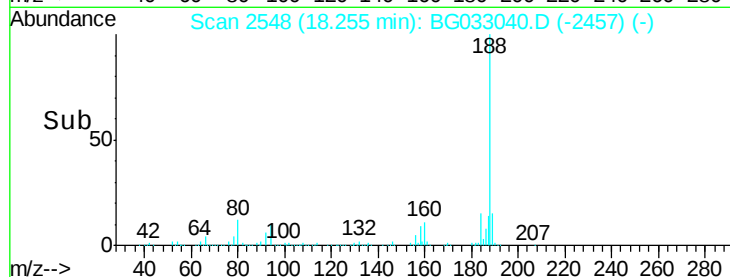
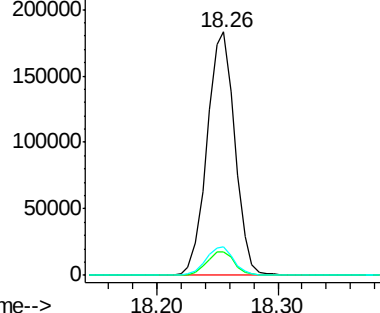
80 11.6 7.7 11.5#



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# 3289

Delta R.T. -0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

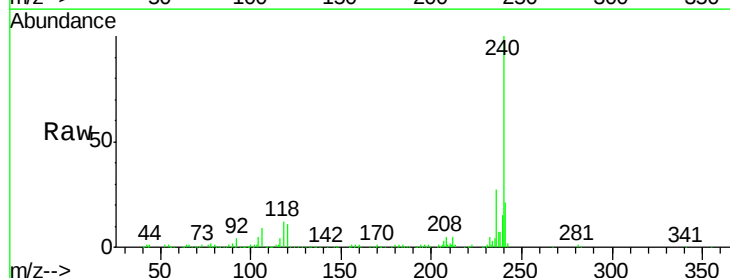
Tgt Ion:240 Resp: 271045

Ion Ratio Lower Upper

240 100

120 11.1 6.8 10.2#

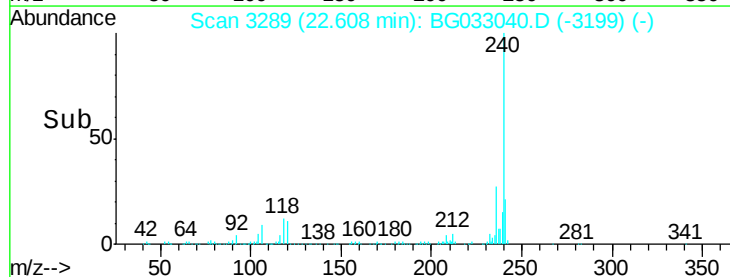
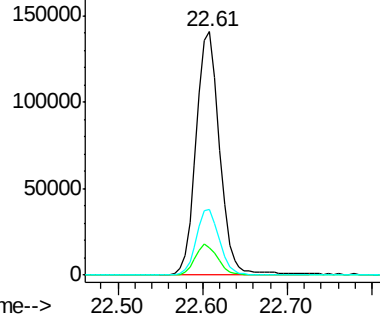
236 27.2 20.9 31.3



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: 104.551 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

Instrument :

BNA_G

ClientSampleId :

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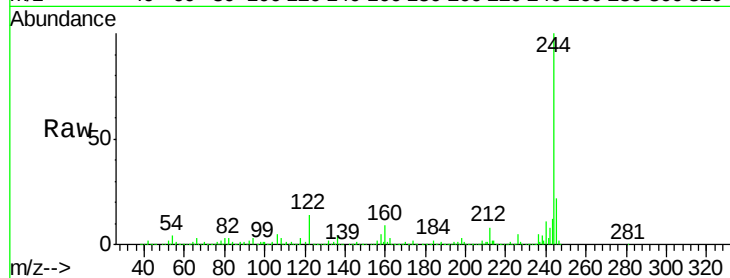
Tot Ion:244 Resp: 1261297

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

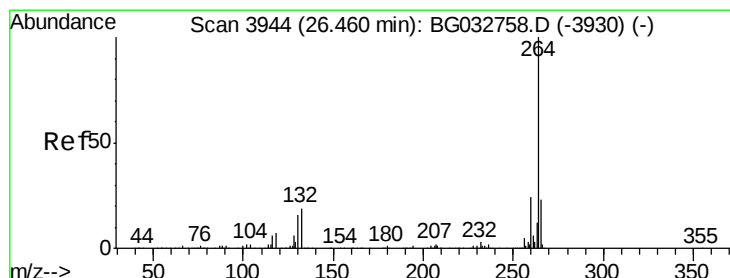
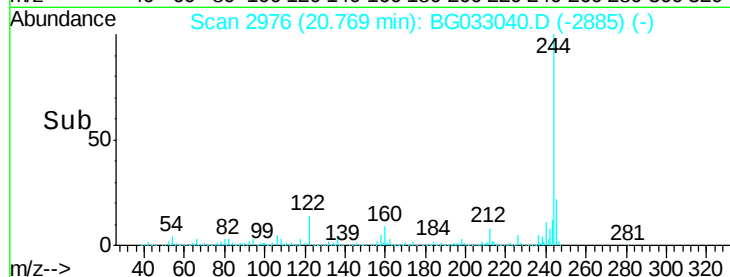
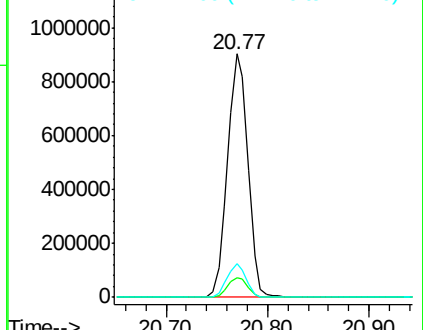
122 13.9 7.0 10.4#



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: 26.40 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033040.D

Acq: 8 Mar 2018 14:43

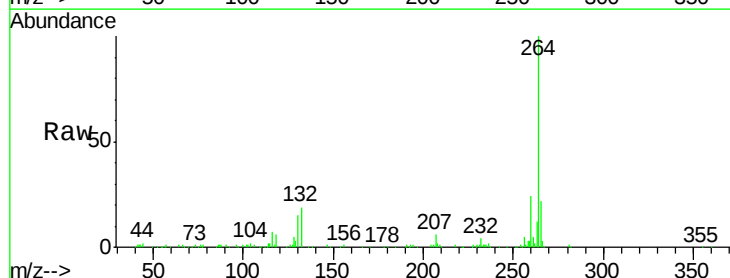
Tgt Ion:264 Resp: 274698

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.6 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

