

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033958.D
 Acq On : 24 Apr 2018 17:32
 Operator : SJ/JU
 Sample : J2508-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Apr 25 00:23:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	81373	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	334380	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	203794	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	516291	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	591360	20.00	ng	-0.02
86) Perylene-d12	24.52	264	603668	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	607439	119.18	ng	0.00
7) Phenol-d6	7.00	99	716672	96.40	ng	0.00
23) Nitrobenzene-d5	8.98	82	552316	94.00	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	379229	159.50	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1283112	92.49	ng	-0.02
78) Terphenyl-d14	19.85	244	2286120	86.85	ng	-0.02

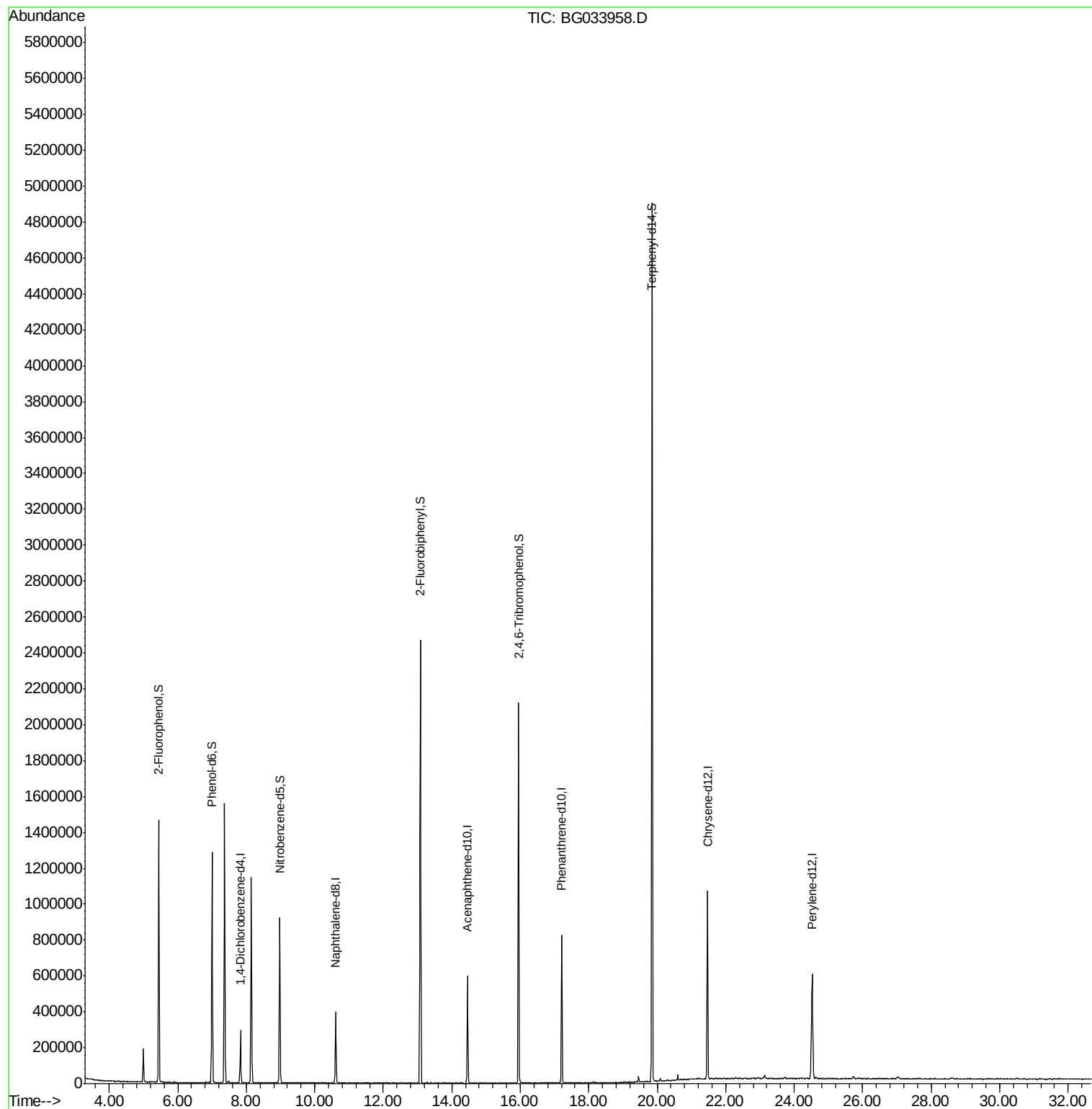
Target Compounds Qvalue

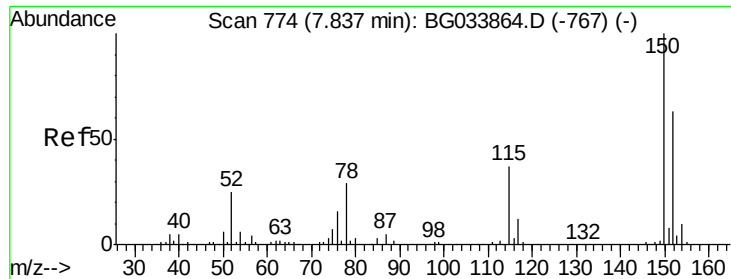
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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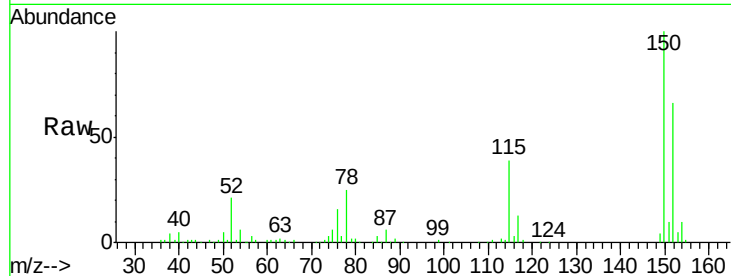


#1

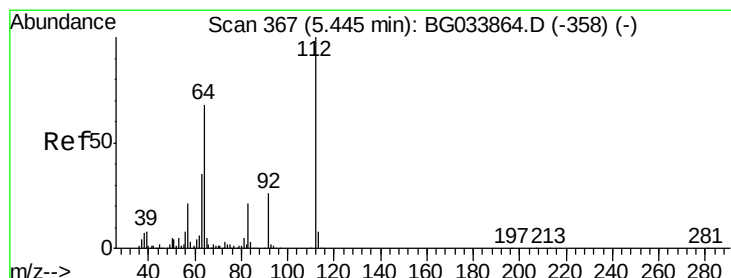
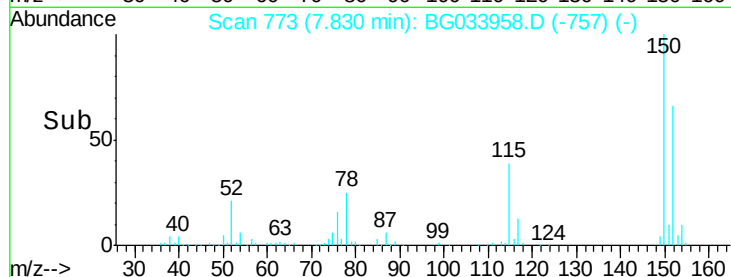
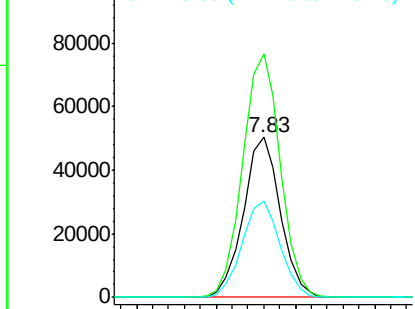
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

Instrument :
BNA_G
ClientSampleId :
TP-5

Tot Ion:152 Resp: 81373
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 59.9 53.0 79.4



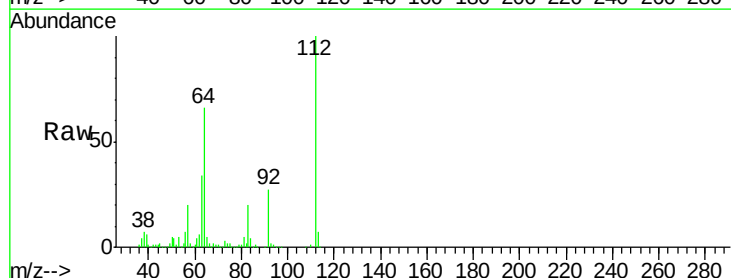
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



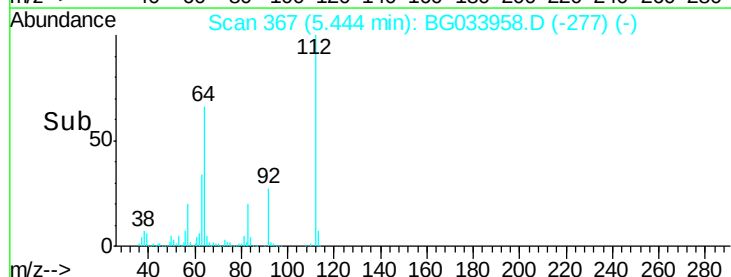
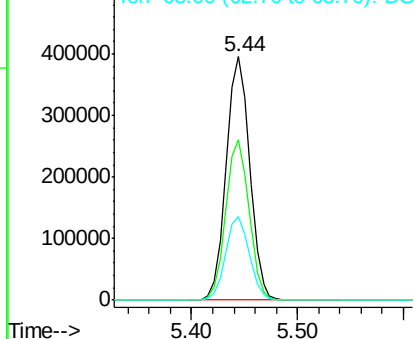
#5

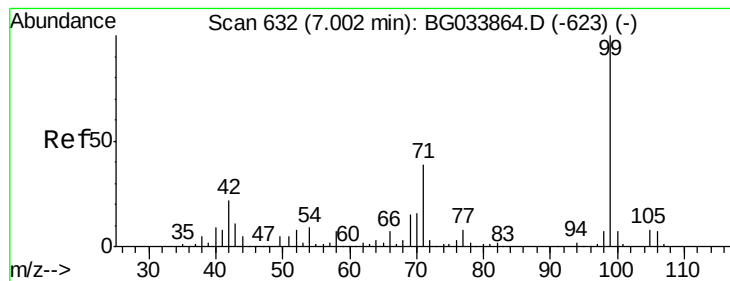
2-Fluorophenol
Concen: 119.179 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

Tgt Ion:112 Resp: 607439
Ion Ratio Lower Upper
112 100
64 66.1 56.3 84.5
63 34.4 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: 96.404 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Instrument :

BNA_G

ClientSampled :

TP-5

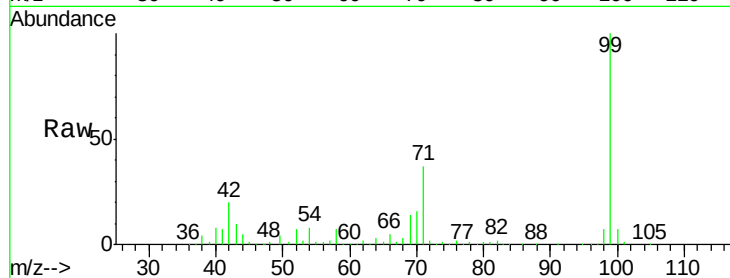
Tot Ion: 99 Resp: 716672

Ion Ratio Lower Upper

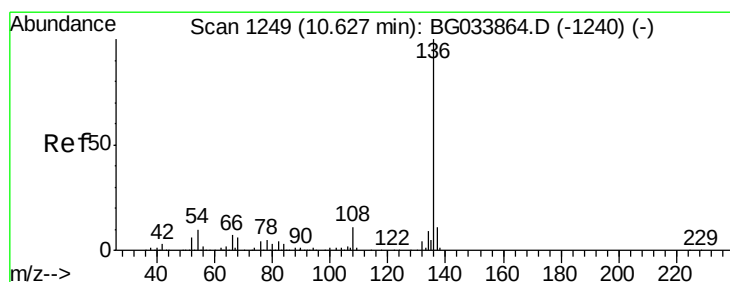
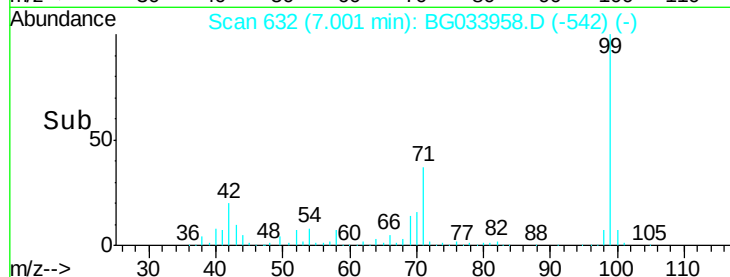
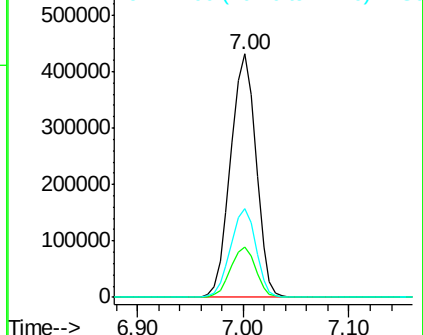
99 100

42 20.4 14.1 21.1

71 36.7 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Tgt Ion: 136 Resp: 334380

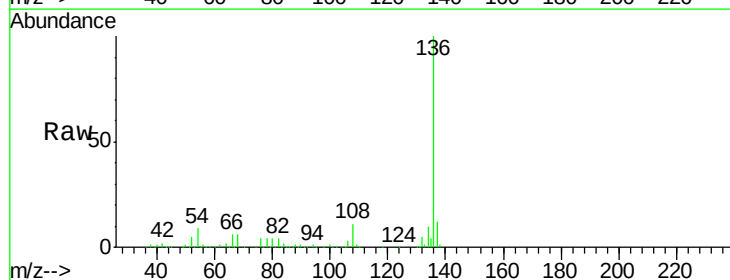
Ion Ratio Lower Upper

136 100

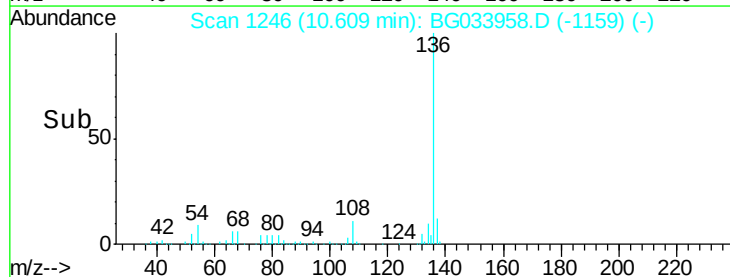
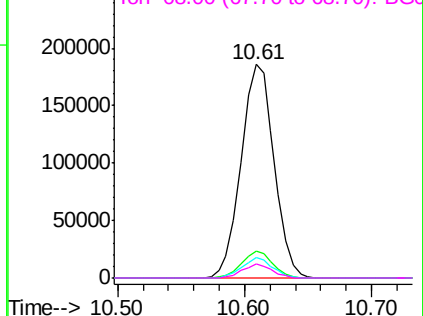
137 12.5 9.2 13.8

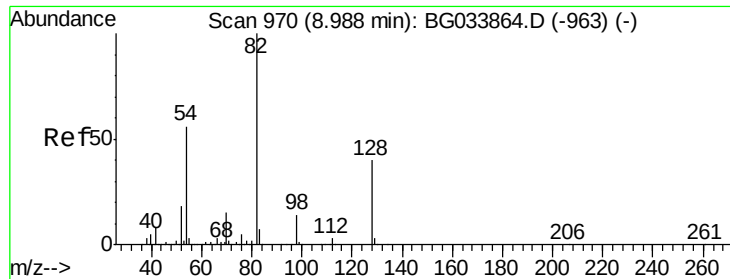
54 9.5 10.3 15.5#

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

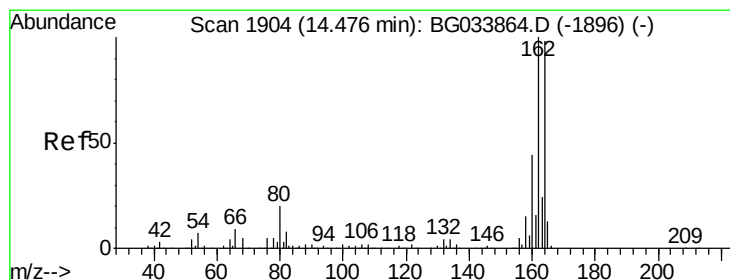
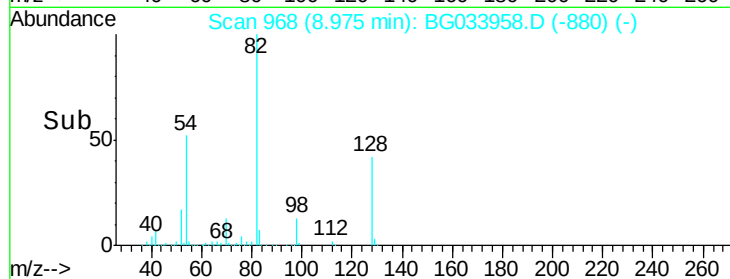
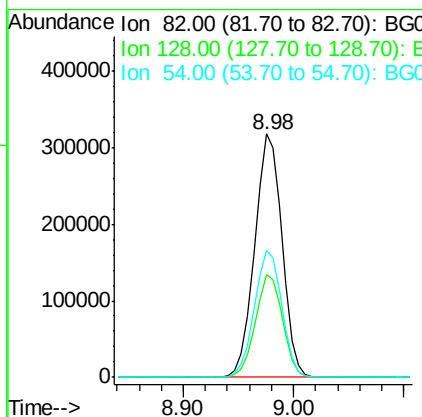
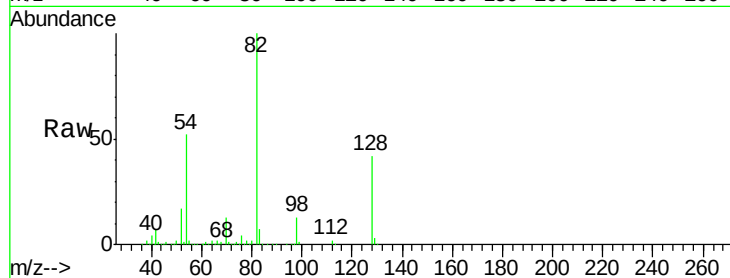




#23
Nitrobenzene-d5
Concen: 94.001 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

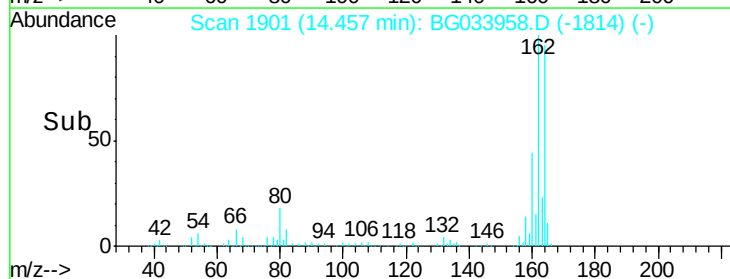
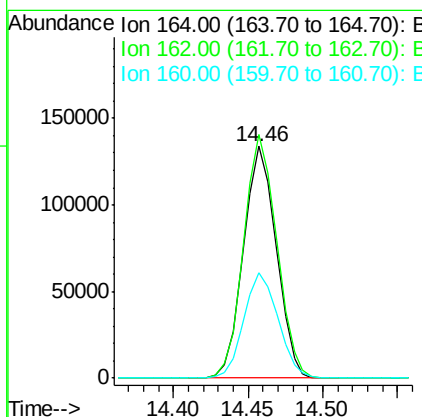
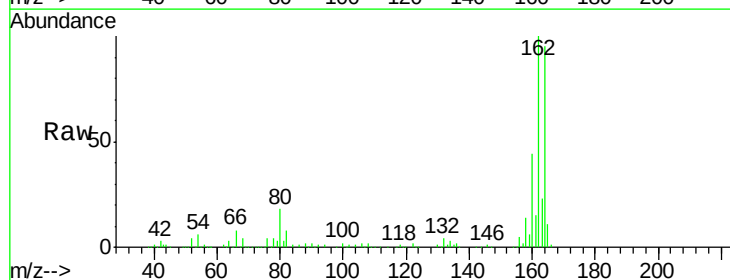
Instrument :
BNA_G
ClientSampleId :
TP-5

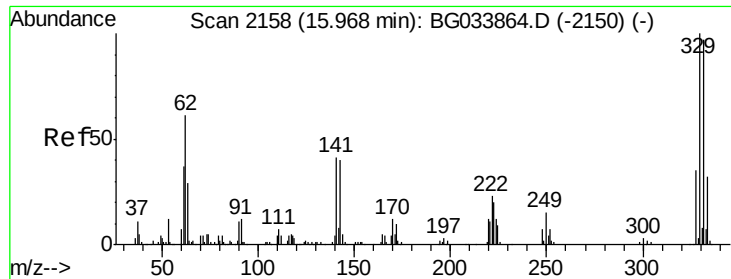
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	52.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	45.8	35.4	53.0

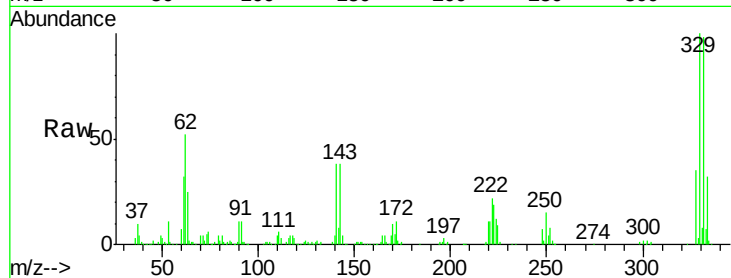




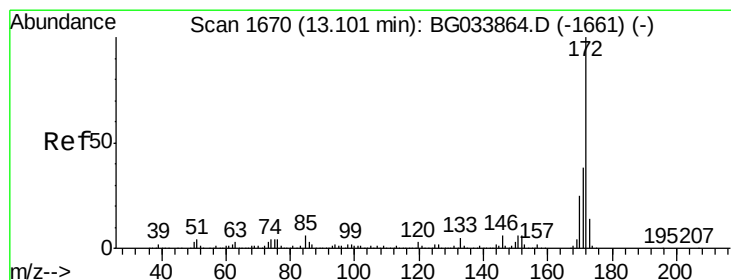
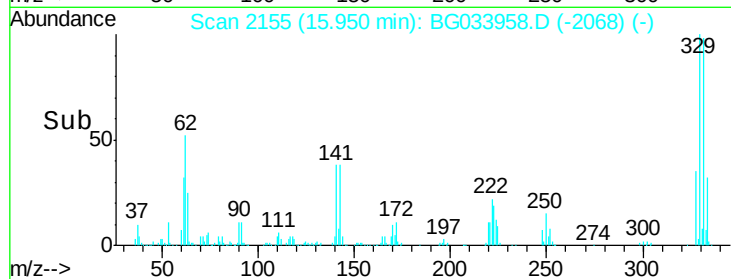
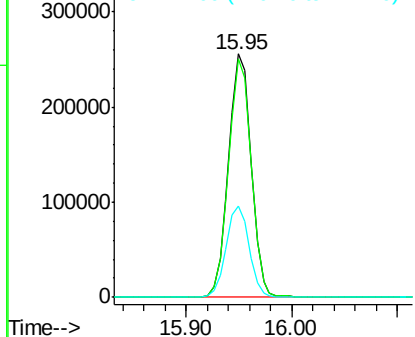
#41
 2,4,6-Tribromophenol
 Concen: 159.502 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tot Ion:330 Resp: 379229
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 37.9 25.2 37.8#

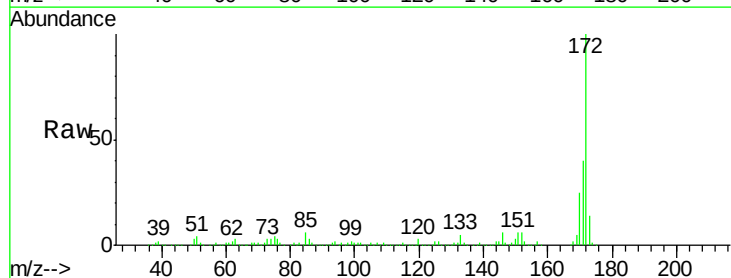


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

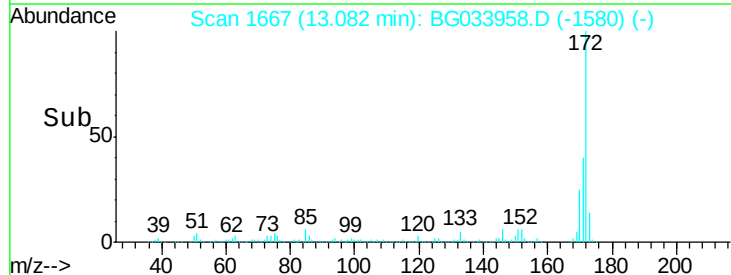
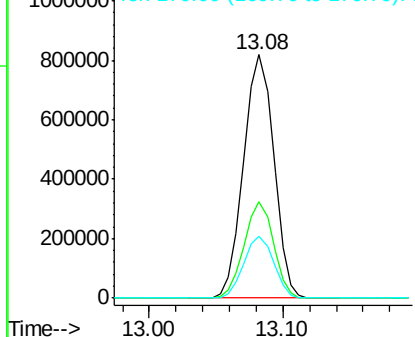


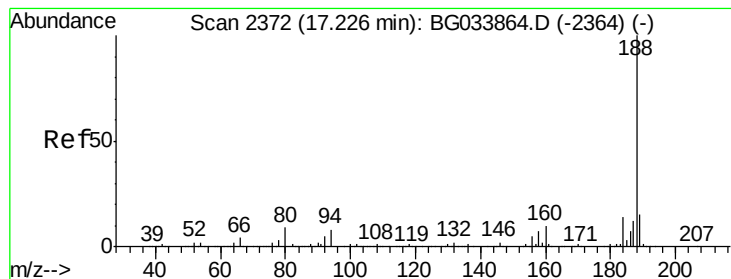
#44
 2-Fluorobiphenyl
 Concen: 92.492 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Tgt Ion:172 Resp: 1283112
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.0 45.0
 170 25.2 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: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Instrument :

BNA_G

ClientSampleId :

TP-5

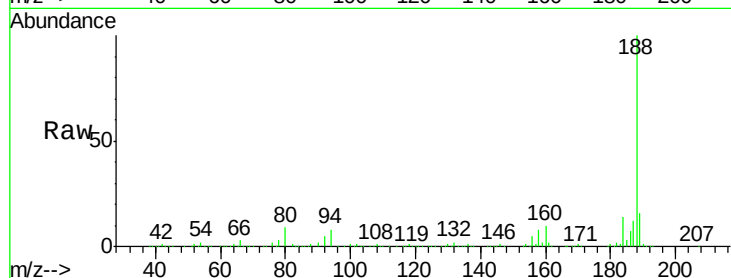
Tot Ion:188 Resp: 516291

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

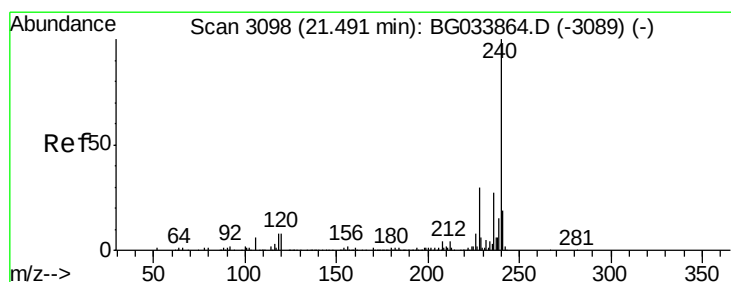
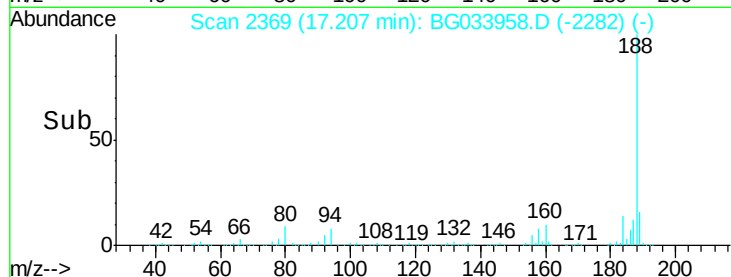
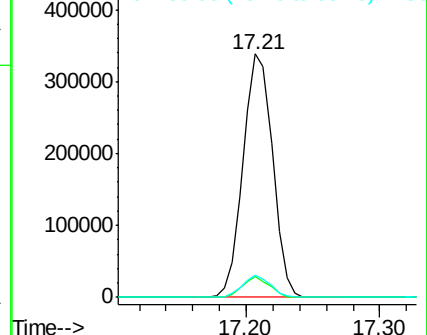
80 8.9 7.7 11.5



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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

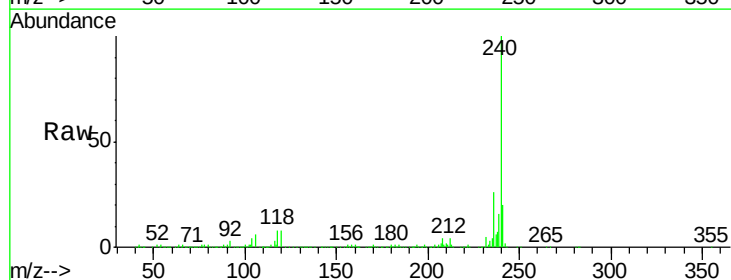
Tgt Ion:240 Resp: 591360

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

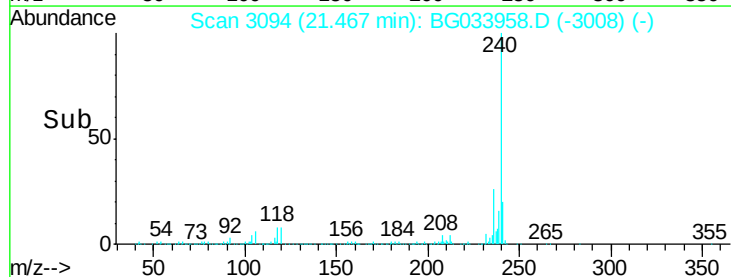
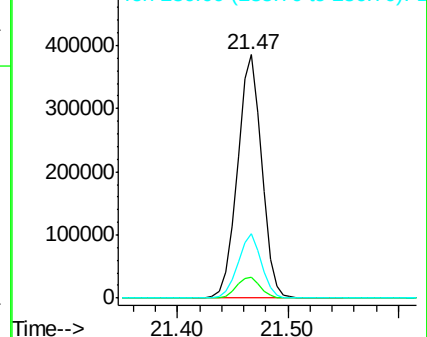
236 26.4 20.9 31.3

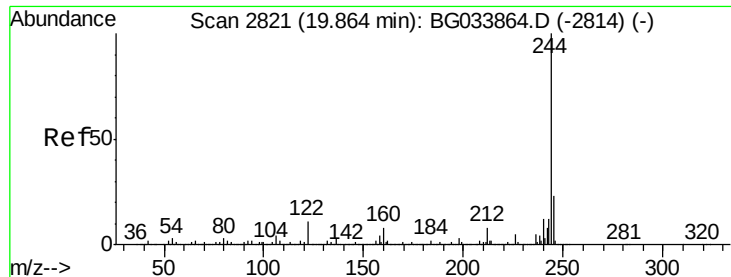


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.851 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Instrument :

BNA_G

ClientSampleId :

TP-5

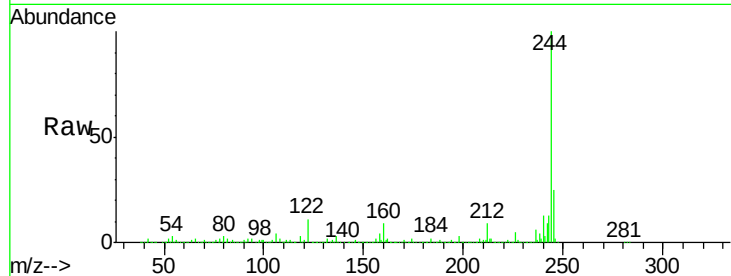
Tot Ion:244 Resp: 2286120

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

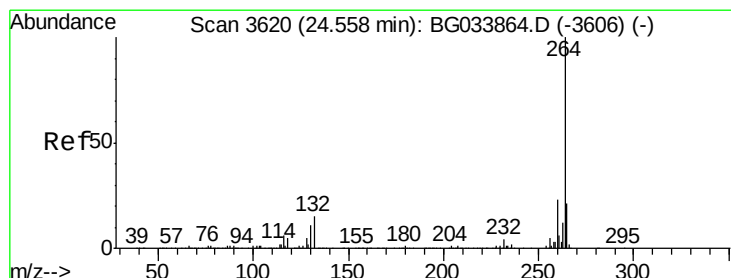
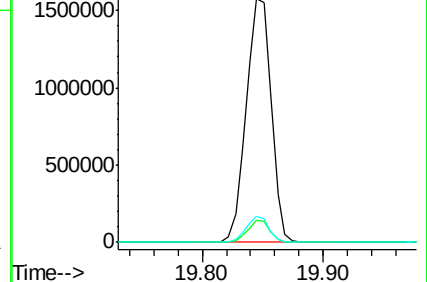
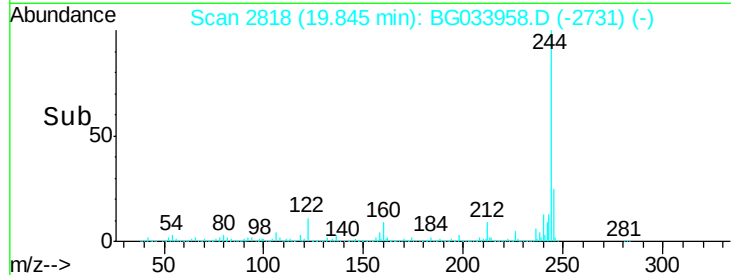
122 10.9 7.0 10.4#



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

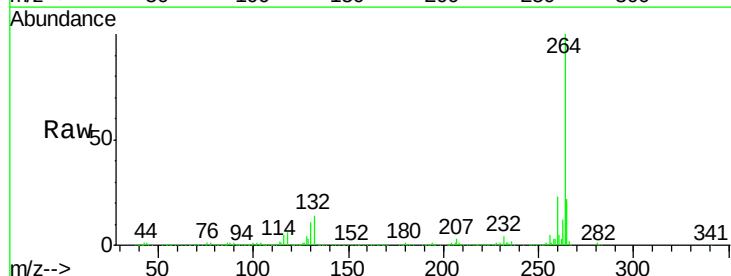
Tgt Ion:264 Resp: 603668

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.8 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

