

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035164.D
 Acq On : 15 Jun 2018 8:45
 Operator : SJ/JU
 Sample : J3465-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B4-WC-1

Quant Time: Jun 15 11:05:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49600	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	185680	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	138635	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	385879	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	425848	20.00	ng	-0.02
86) Perylene-d12	24.93	264	370128	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	375138	127.64	ng	0.00
7) Phenol-d6	7.22	99	492767	113.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	409003	104.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	279924	157.73	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	959305	89.96	ng	-0.02
78) Terphenyl-d14	20.04	244	1840254	90.52	ng	-0.01

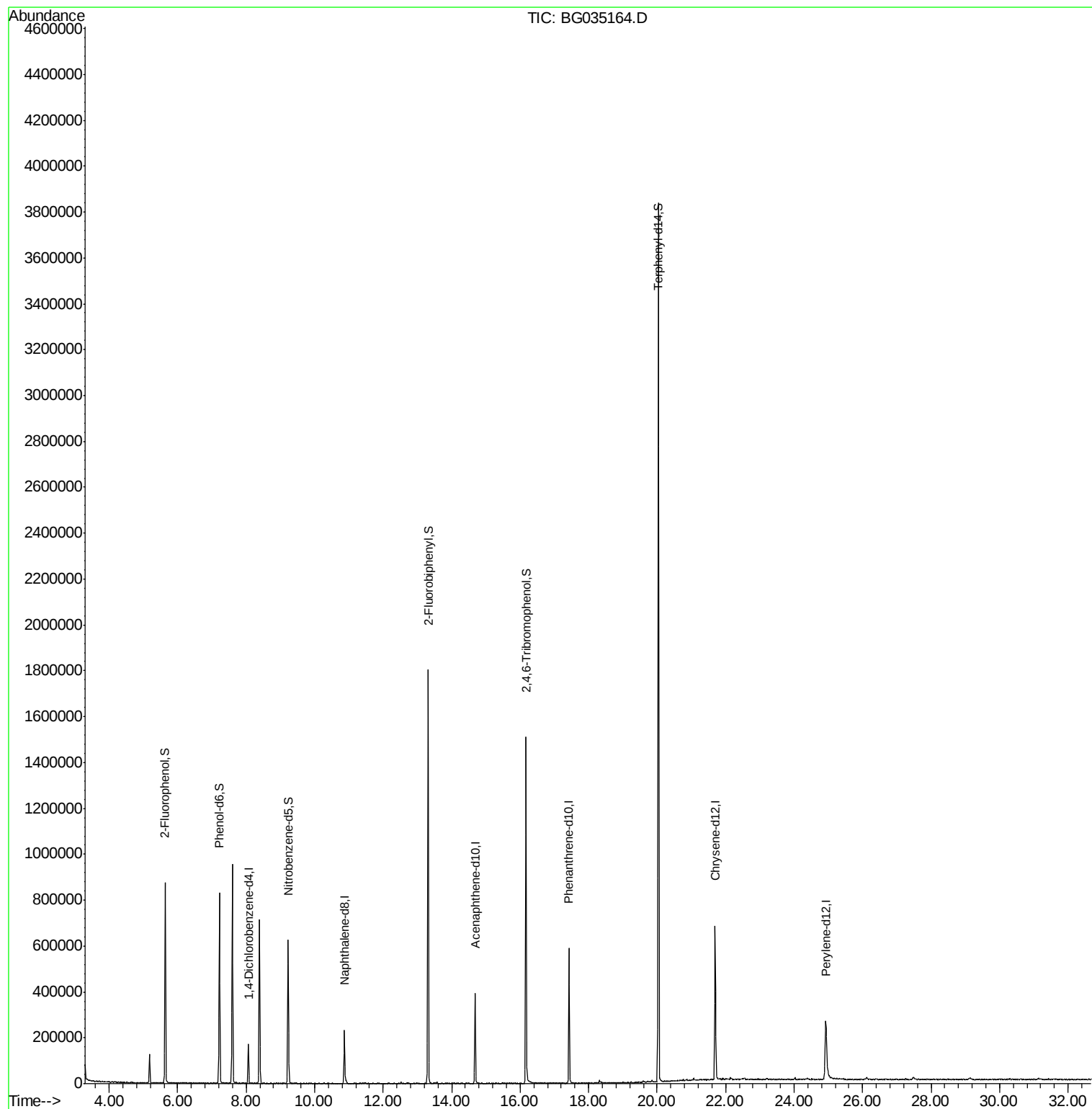
Target Compounds Qvalue

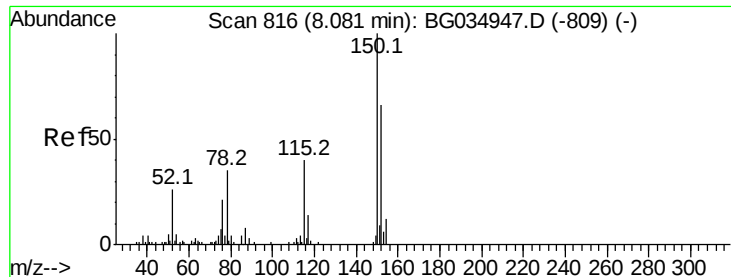
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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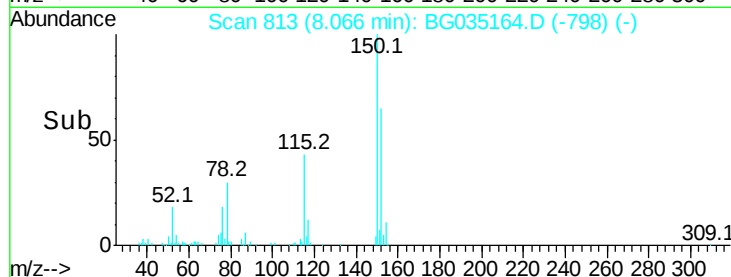
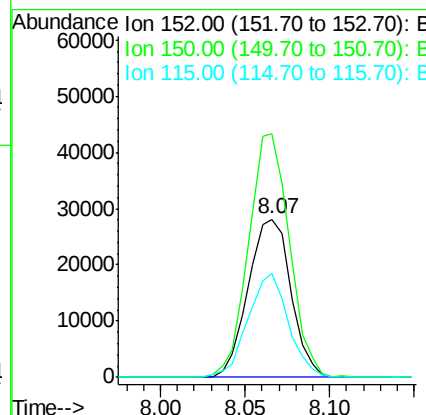
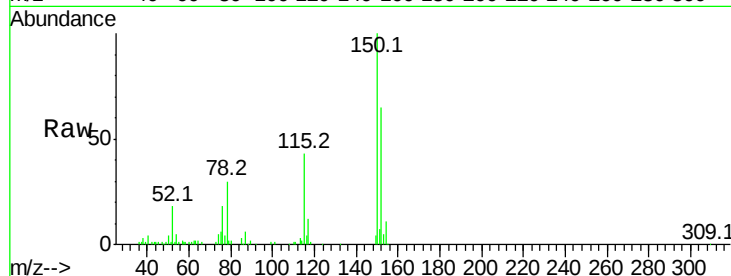


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035164.D
Acq: 15 Jun 2018 8:45

Instrument :
BNA_G
ClientSampleId :
TP-B4-WC-1

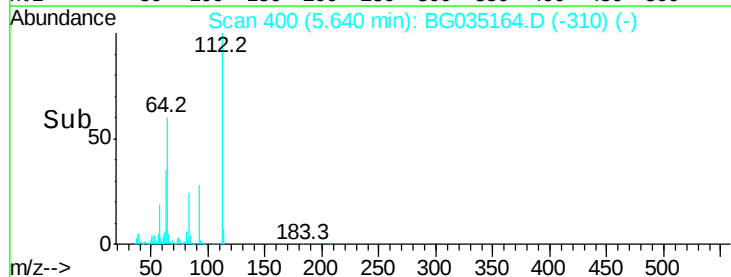
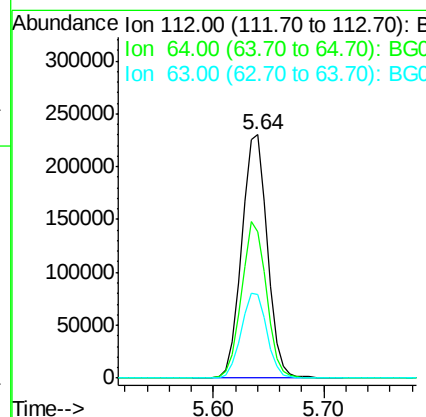
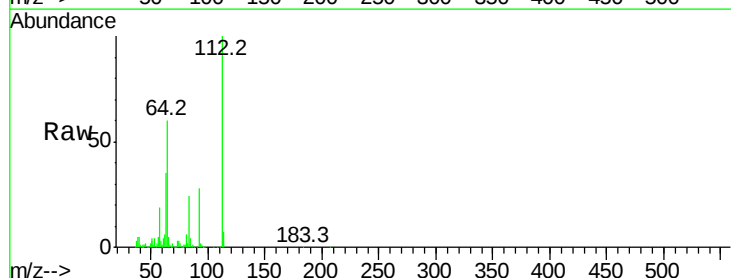
Tot Ion:152 Resp: 49600
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 65.4 53.0 79.4

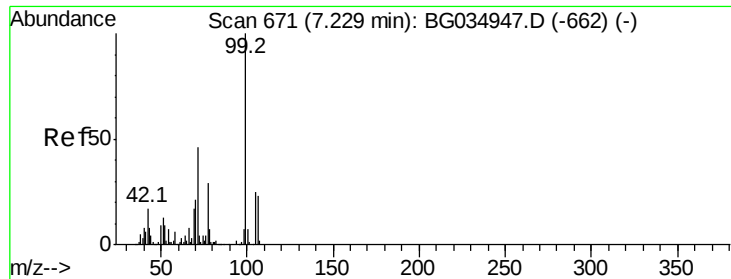


#5

2-Fluorophenol
Concen: 127.638 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035164.D
Acq: 15 Jun 2018 8:45

Tgt Ion:112 Resp: 375138
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 34.6 30.1 45.1





#7

Phenol-d6

Concen: 113.596 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035164.D

Acq: 15 Jun 2018 8:45

Instrument :

BNA_G

ClientSampleId :

TP-B4-WC-1

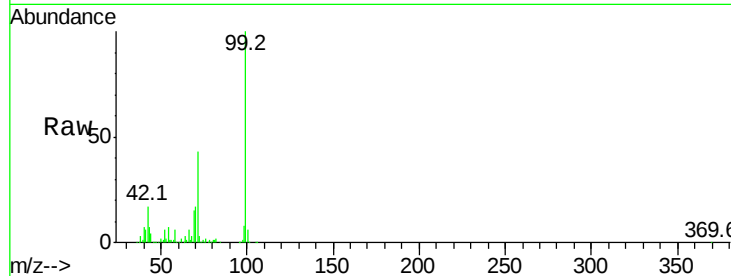
Tot Ion: 99 Resp: 492767

Ion Ratio Lower Upper

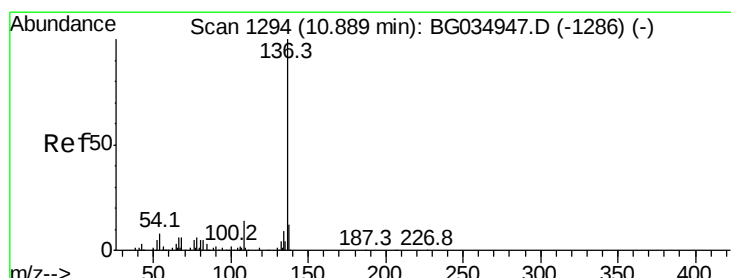
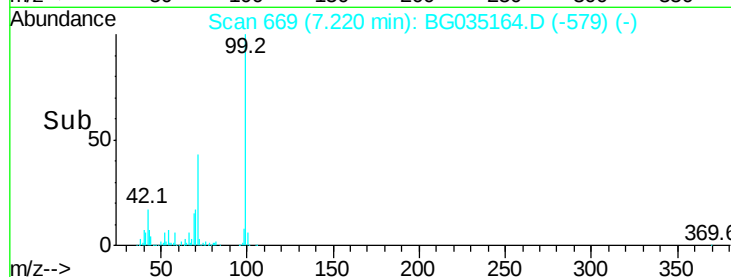
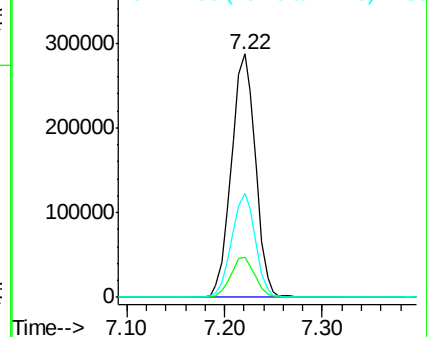
99 100

42 16.7 14.1 21.1

71 42.8 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035164.D

Acq: 15 Jun 2018 8:45

Tgt Ion: 136 Resp: 185680

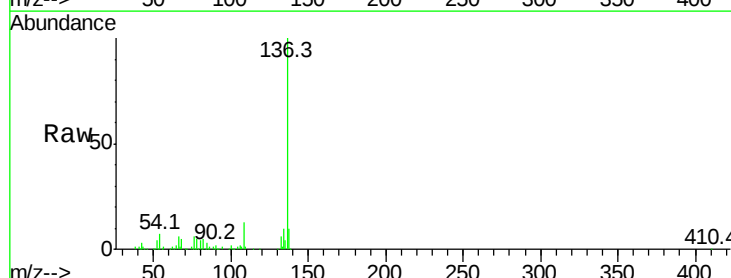
Ion Ratio Lower Upper

136 100

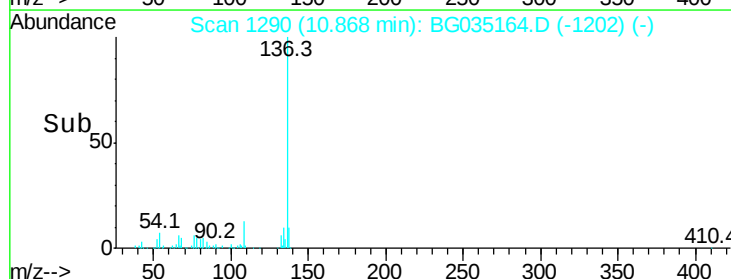
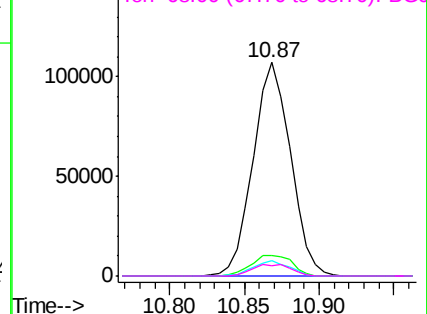
137 9.8 9.2 13.8

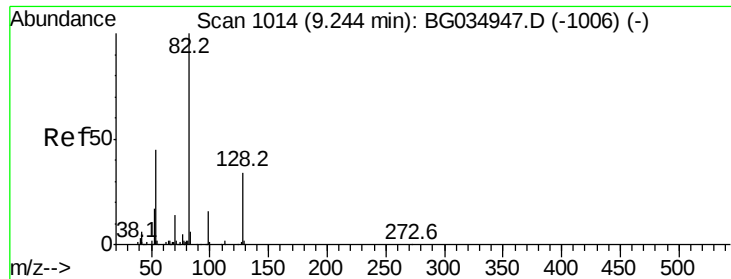
54 7.1 10.3 15.5#

68 4.7 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

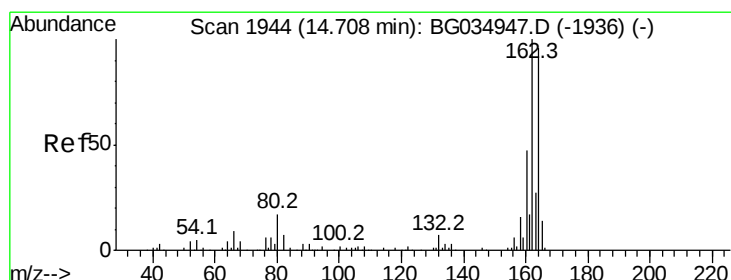
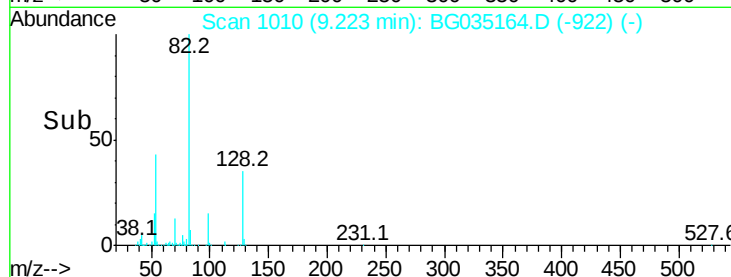
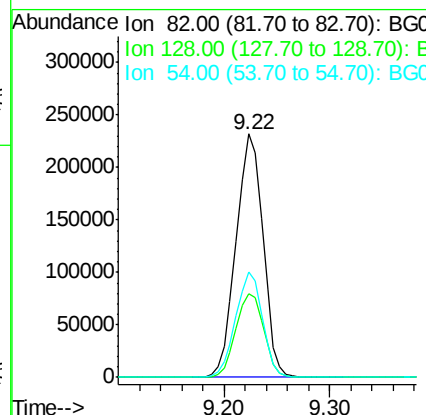
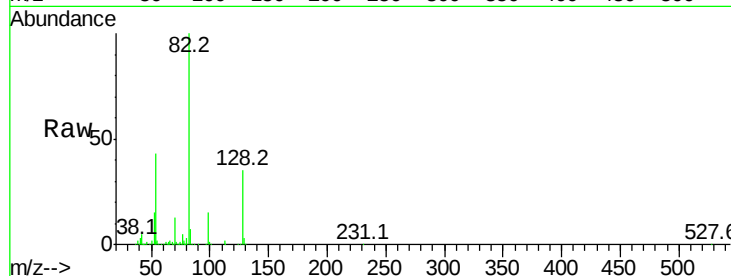




#23
Nitrobenzene-d5
Concen: 104.705 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035164.D
Acq: 15 Jun 2018 8:45

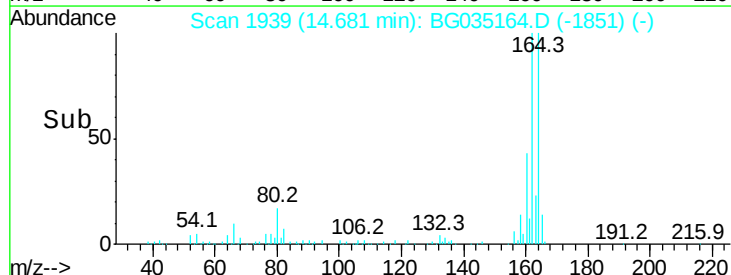
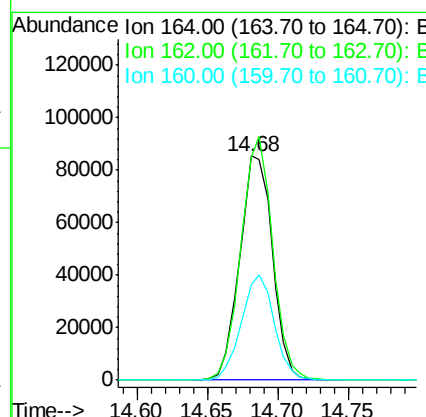
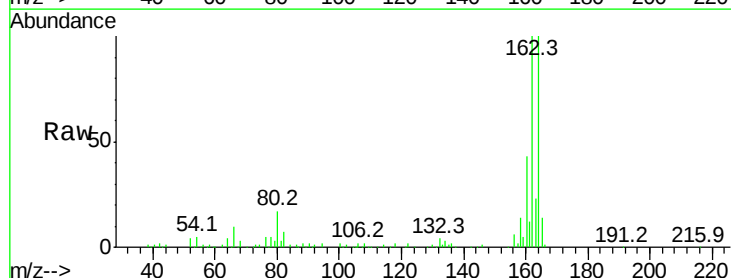
Instrument :
BNA_G
ClientSampleId :
TP-B4-WC-1

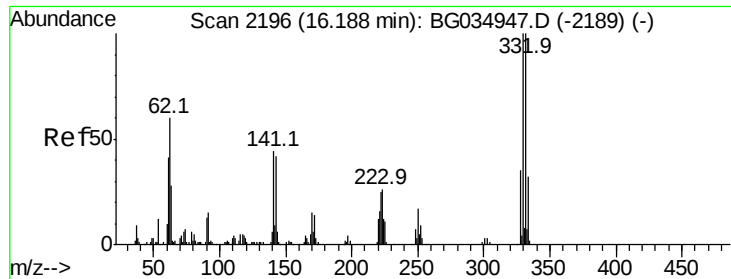
Tot Ion: 82 Resp: 409003
Ion Ratio Lower Upper
82 100
128 34.6 29.7 44.5
54 43.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035164.D
Acq: 15 Jun 2018 8:45

Tgt Ion:164 Resp: 138635
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 42.7 35.4 53.0

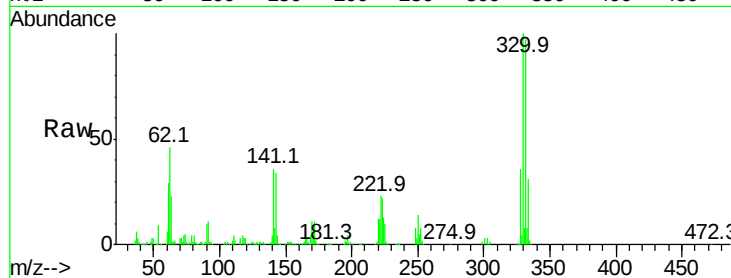




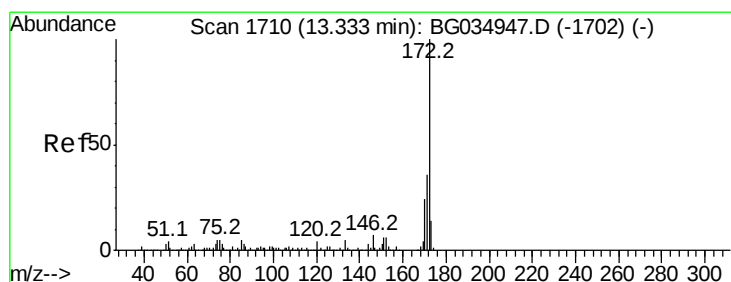
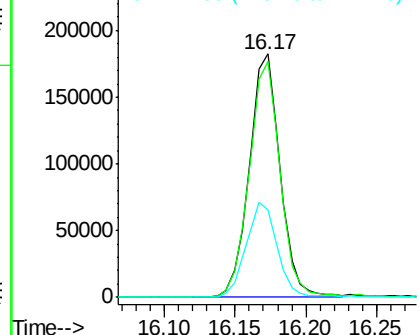
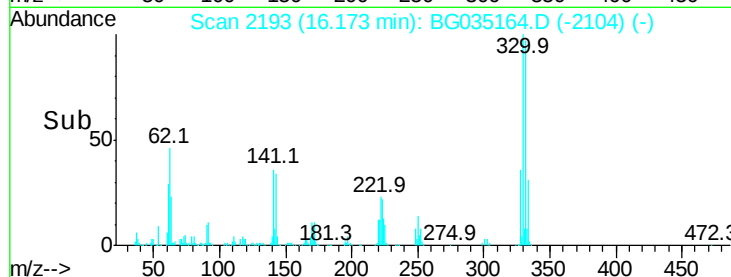
#41
 2,4,6-Tribromophenol
 Concen: 157.730 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035164.D
 Acq: 15 Jun 2018 8:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-B4-WC-1

Tot Ion:330 Resp: 279924
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 39.8 25.2 37.8#

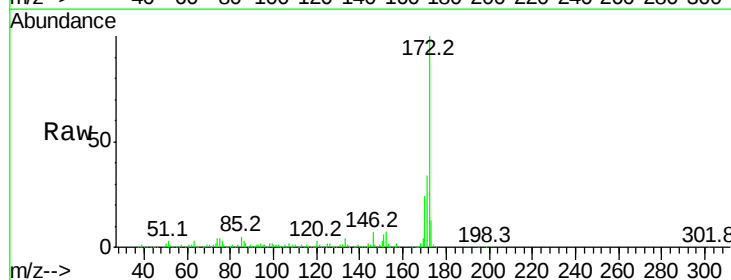


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

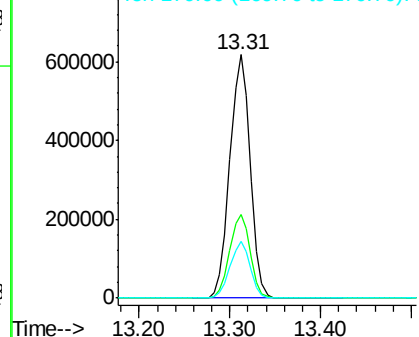
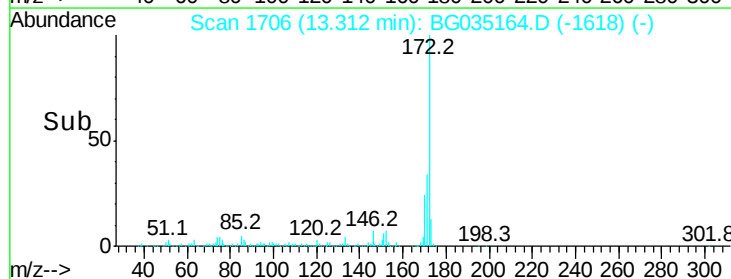


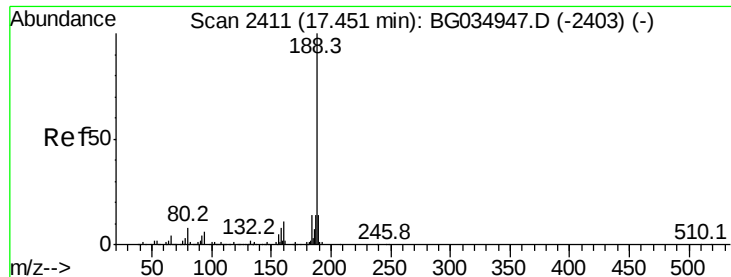
#44
 2-Fluorobiphenyl
 Concen: 89.955 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035164.D
 Acq: 15 Jun 2018 8:45

Tgt Ion:172 Resp: 959305
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 23.5 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

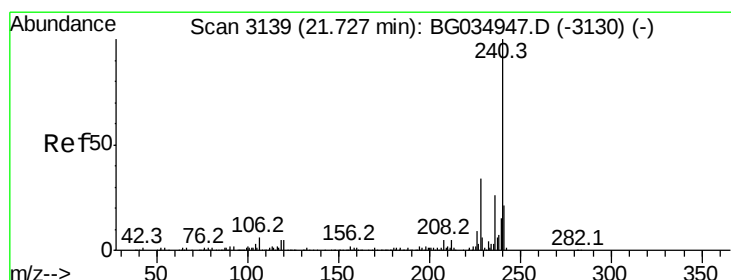
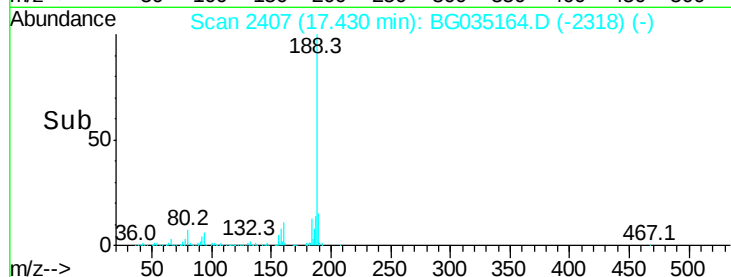
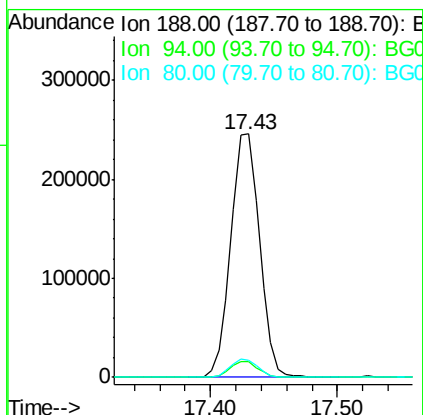
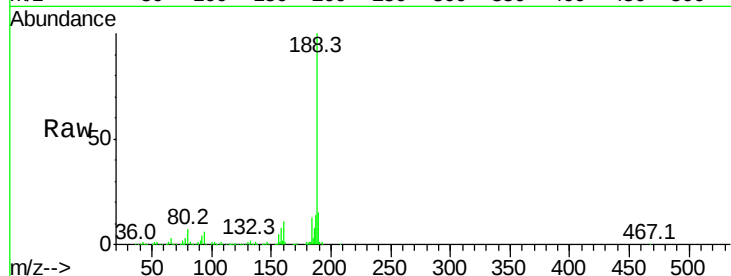




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035164.D
Acq: 15 Jun 2018 8:45

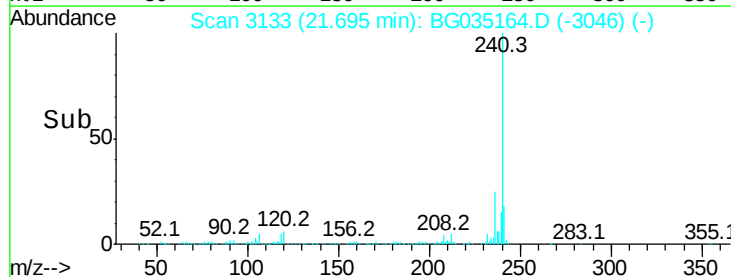
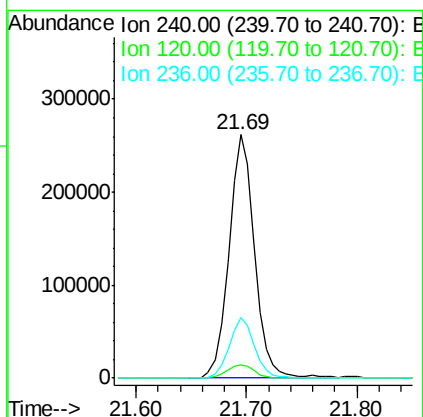
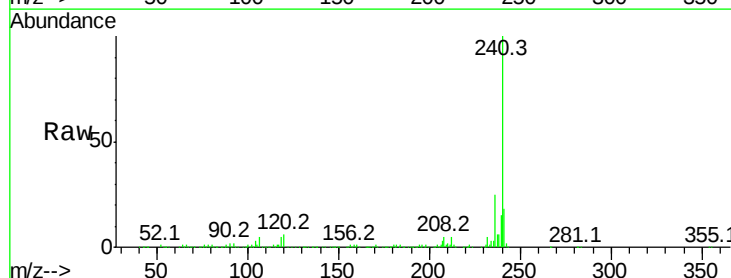
Instrument :
BNA_G
ClientSampleId :
TP-B4-WC-1

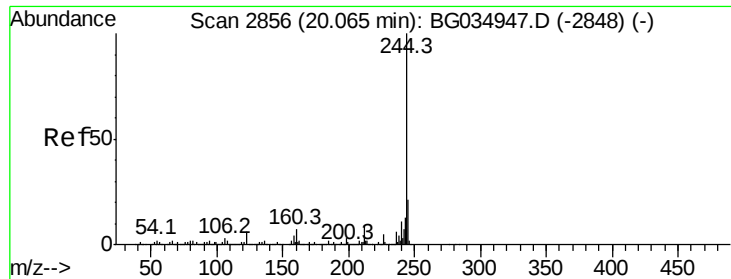
Tot Ion:188 Resp: 385879
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 6.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035164.D
Acq: 15 Jun 2018 8:45

Tgt Ion:240 Resp: 425848
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 90.519 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035164.D

Acq: 15 Jun 2018 8:45

Instrument :

BNA_G

ClientSampleId :

TP-B4-WC-1

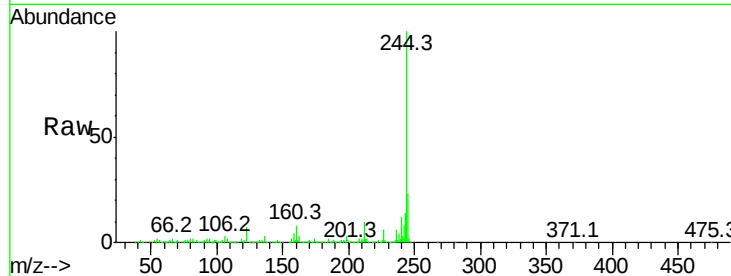
Tot Ion:244 Resp: 1840254

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

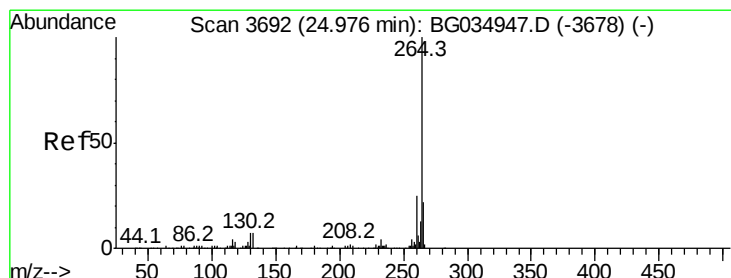
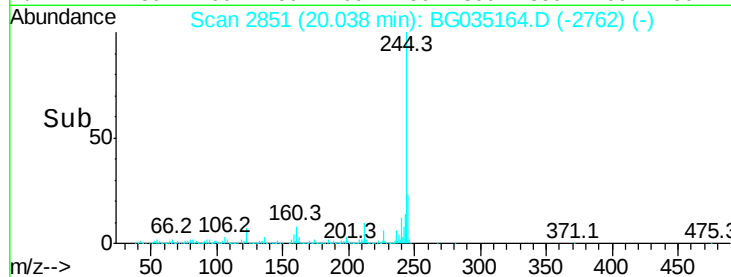
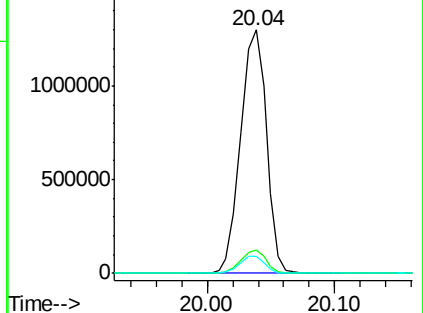
122 7.2 7.0 10.4



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: 24.93 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035164.D

Acq: 15 Jun 2018 8:45

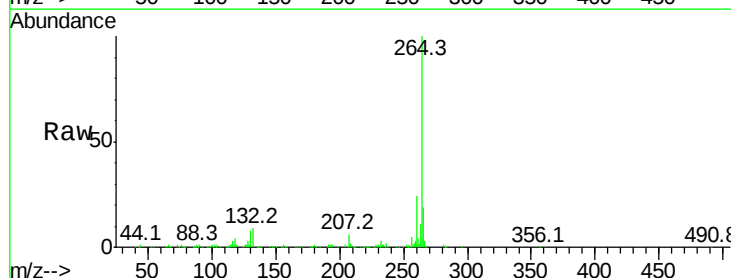
Tgt Ion:264 Resp: 370128

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 18.5 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

