

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031010.D
 Acq On : 15 Nov 2017 11:48
 Operator : SJ/JU
 Sample : I6441-30
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-16

Quant Time: Nov 15 14:15:58 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34761	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	137214	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	91301	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	253599	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	386975	20.00	ng	-0.01
86) Perylene-d12	25.07	264	402131	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	237443	117.13	ng	0.00
7) Phenol-d6	7.31	99	264020	96.67	ng	0.00
23) Nitrobenzene-d5	9.31	82	234222	101.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	234158	158.54	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	732774	115.32	ng	-0.02
78) Terphenyl-d14	20.09	244	1655773	94.48	ng	0.00

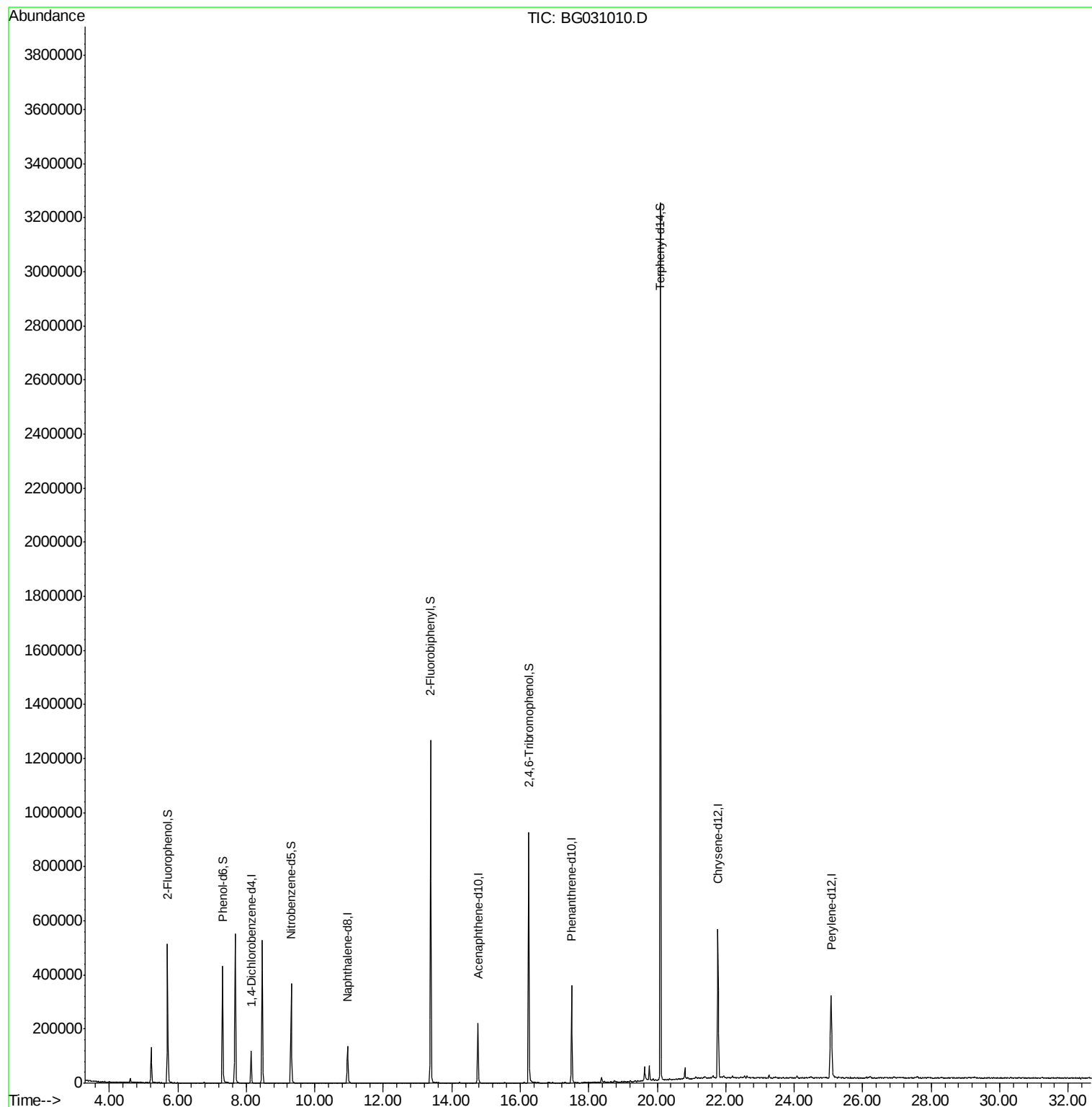
Target Compounds	Qvalue
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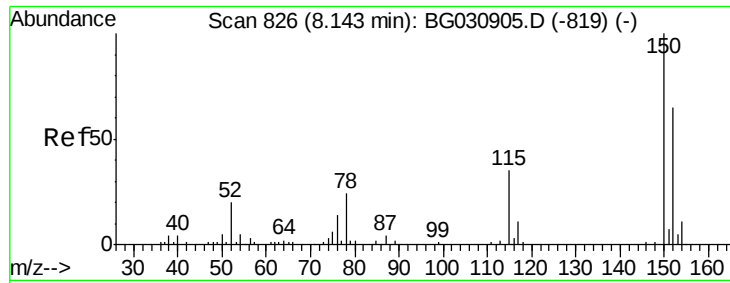
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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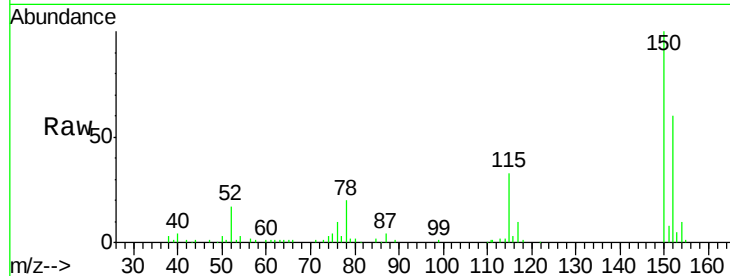


#1

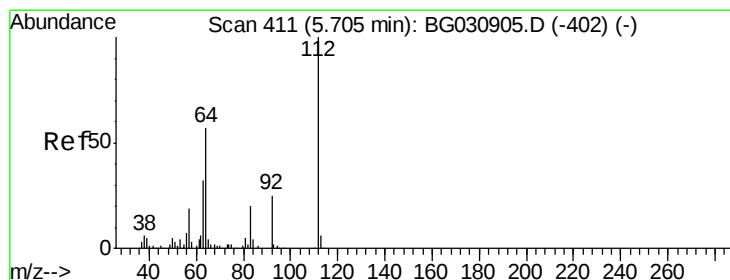
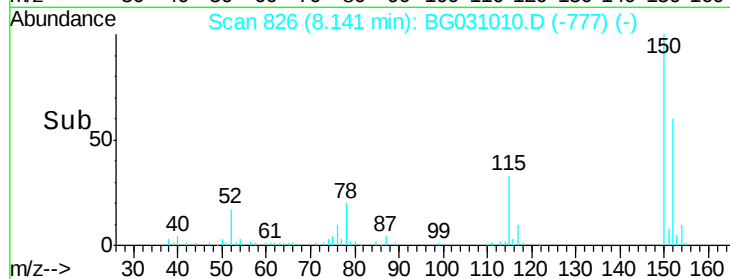
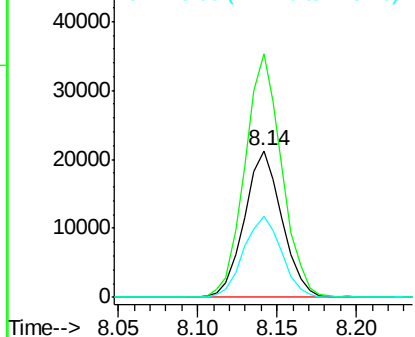
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031010.D
Acq: 15 Nov 2017 11:48

Instrument :
BNA_G
ClientSampled :
TP-16

Tgt Ion:152 Resp: 34761
Ion Ratio Lower Upper
152 100
150 165.7 126.6 189.8
115 55.2 53.0 79.4



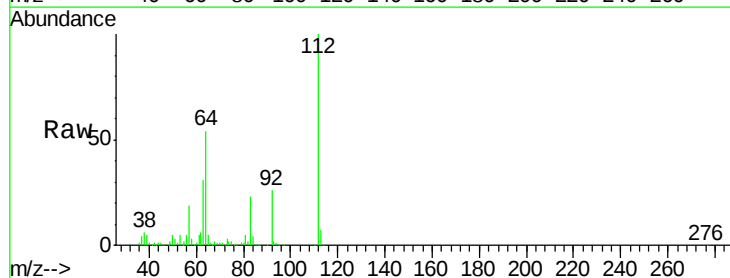
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



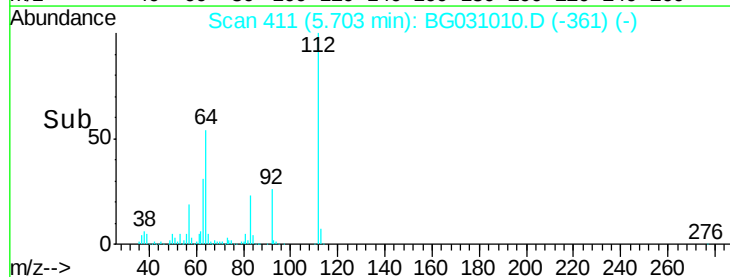
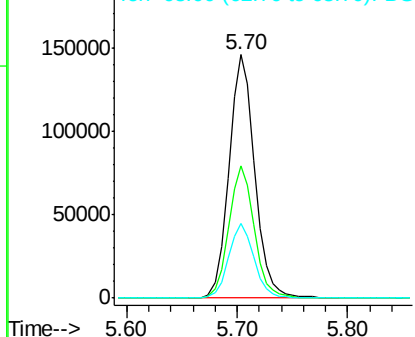
#5

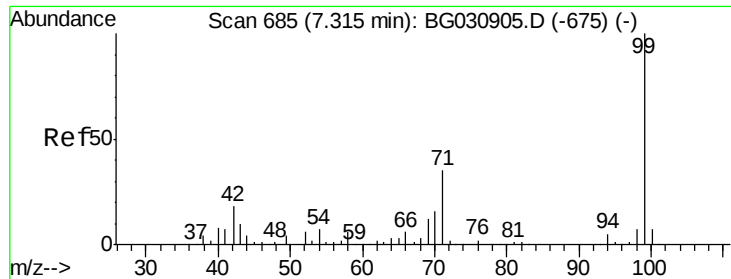
2-Fluorophenol
Concen: 117.131 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031010.D
Acq: 15 Nov 2017 11:48

Tgt Ion:112 Resp: 237443
Ion Ratio Lower Upper
112 100
64 54.1 56.3 84.5#
63 30.7 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: 96.674 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031010.D

Acq: 15 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

TP-16

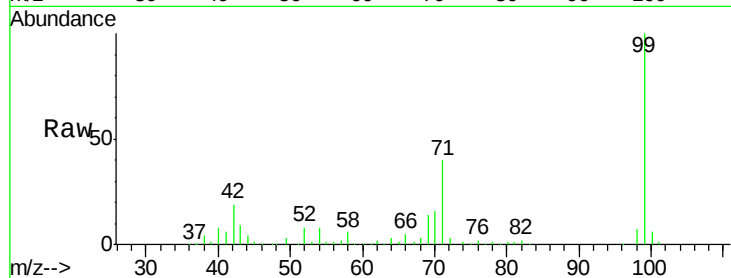
Tgt Ion: 99 Resp: 264020

Ion Ratio Lower Upper

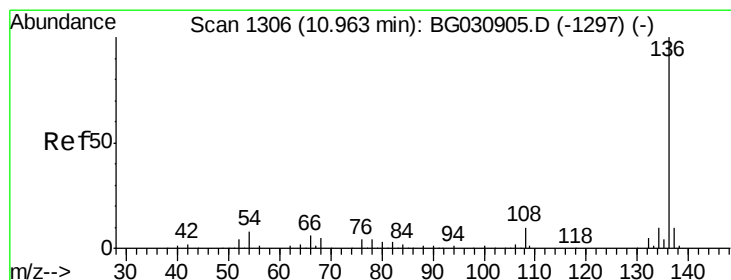
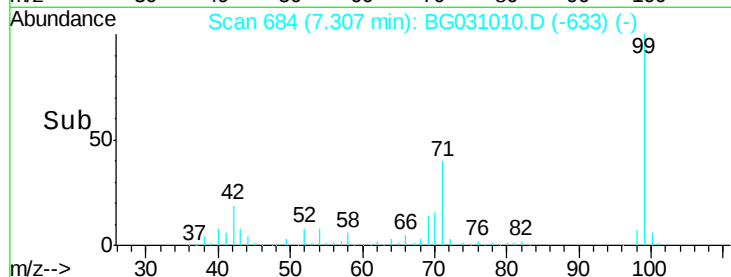
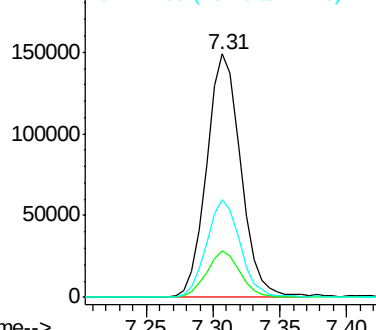
99 100

42 19.3 14.1 21.1

71 40.1 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031010.D

Acq: 15 Nov 2017 11:48

Tgt Ion: 136 Resp: 137214

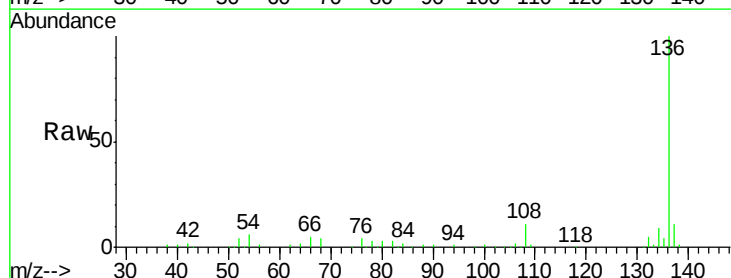
Ion Ratio Lower Upper

136 100

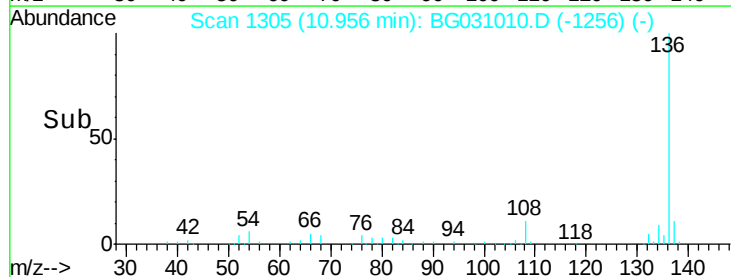
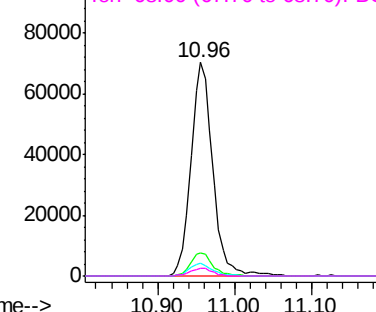
137 11.0 9.2 13.8

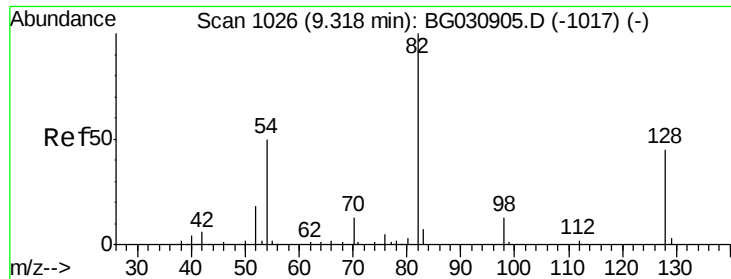
54 5.7 10.3 15.5#

68 3.7 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

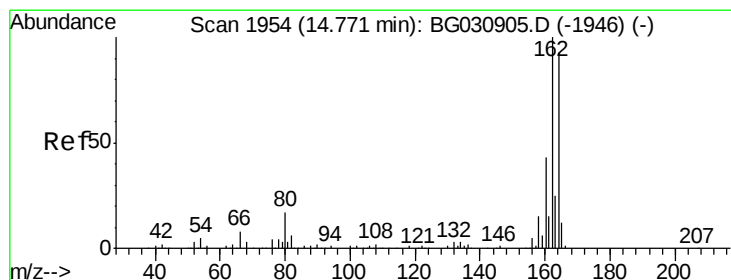
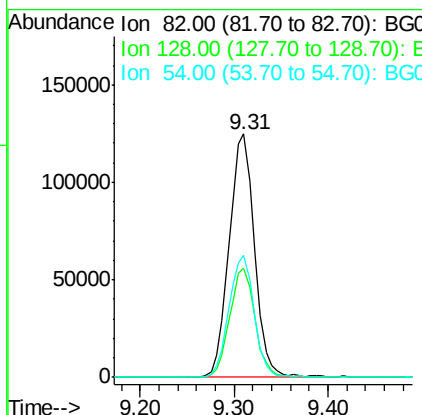
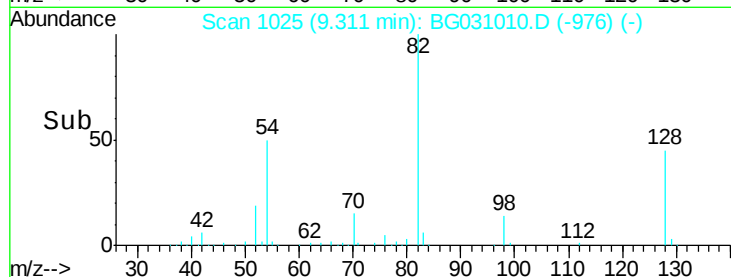
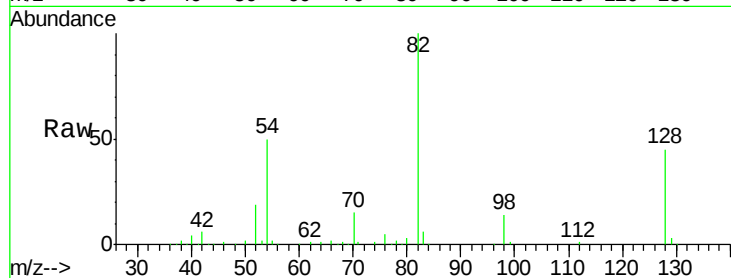




#23
 Nitrobenzene-d5
 Concen: 101.149 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031010.D
 Acq: 15 Nov 2017 11:48

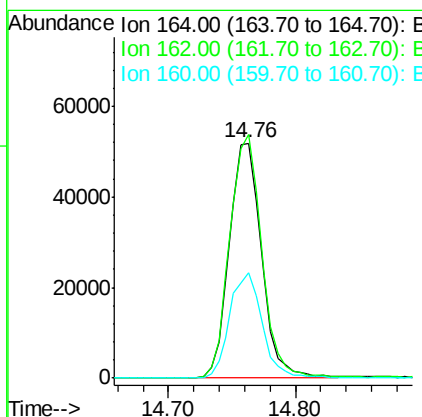
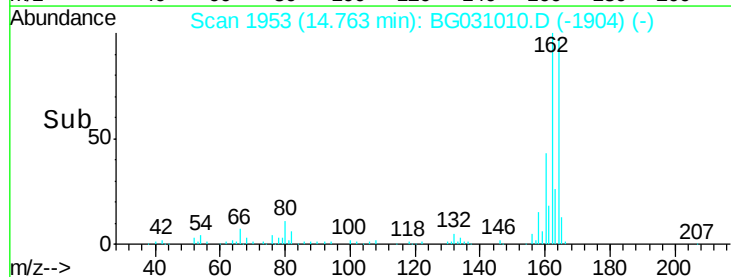
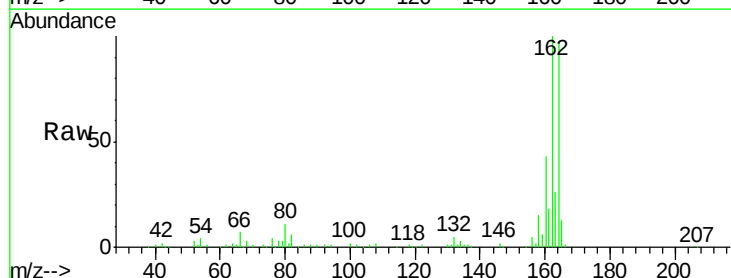
Instrument :
 BNA_G
 ClientSampleId :
 TP-16

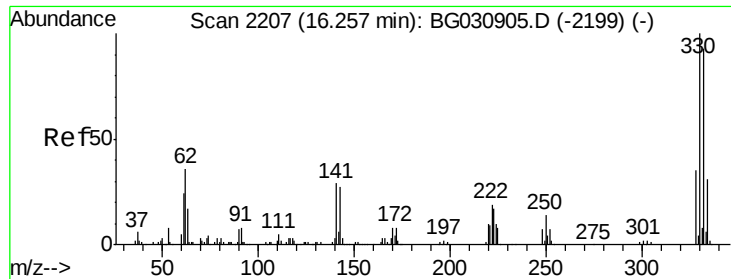
Tgt Ion: 82 Resp: 234222
 Ion Ratio Lower Upper
 82 100
 128 44.7 29.7 44.5#
 54 50.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031010.D
 Acq: 15 Nov 2017 11:48

Tgt Ion: 164 Resp: 91301
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 44.7 35.4 53.0

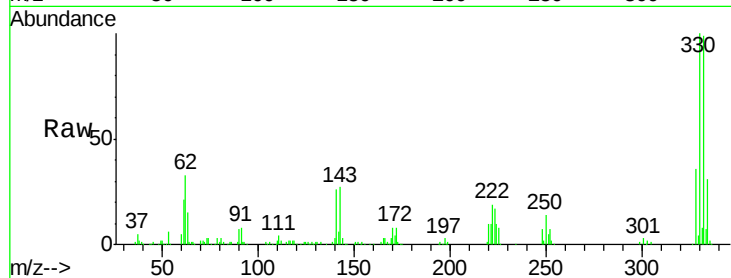




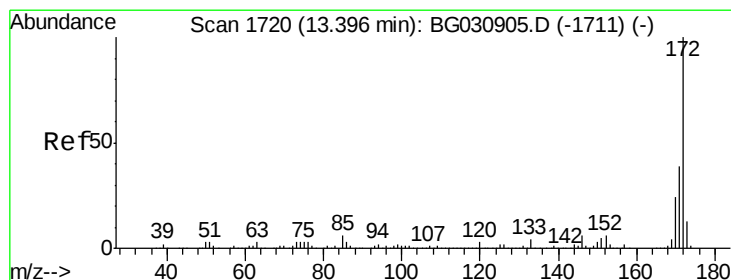
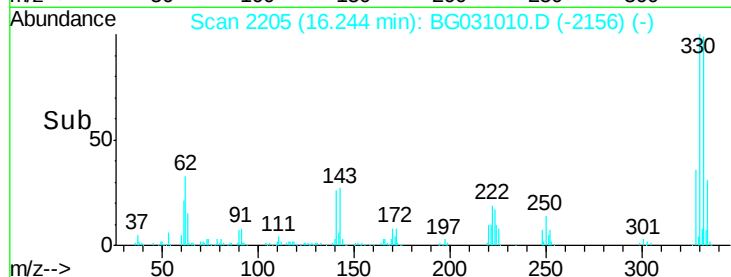
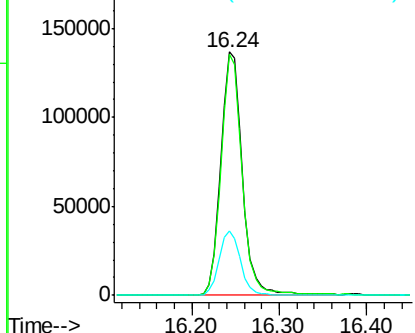
#41
 2,4,6-Tribromophenol
 Concen: 158.541 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031010.D
 Acq: 15 Nov 2017 11:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-16

Tgt Ion:330 Resp: 234158
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 26.1 25.2 37.8

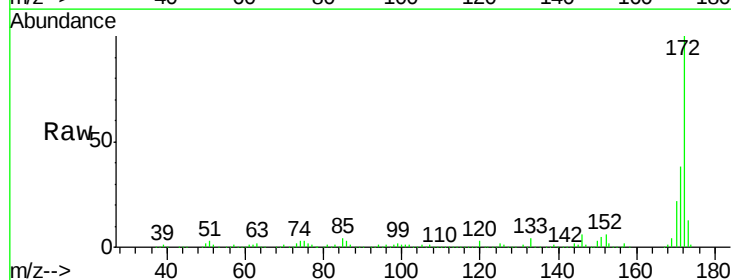


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

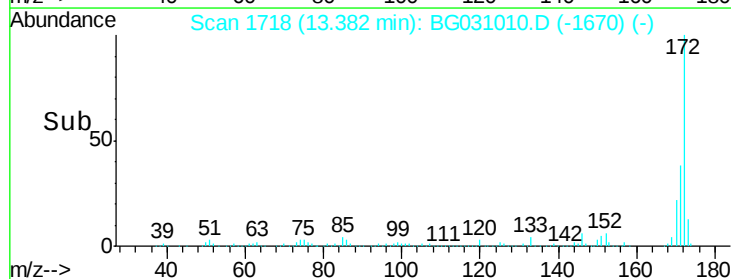
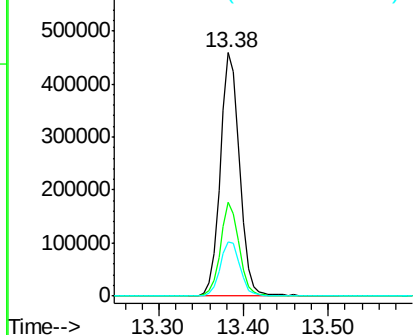


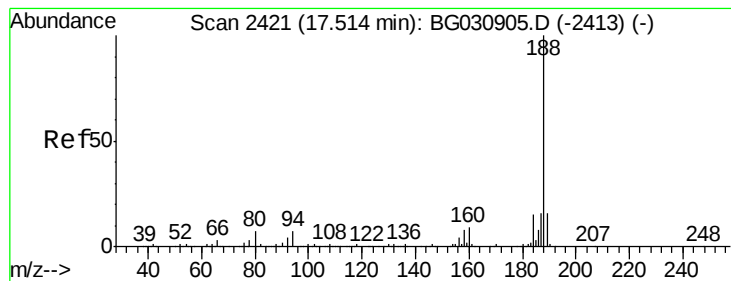
#44
 2-Fluorobiphenyl
 Concen: 115.324 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031010.D
 Acq: 15 Nov 2017 11:48

Tgt Ion:172 Resp: 732774
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 22.5 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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031010.D

Acq: 15 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

TP-16

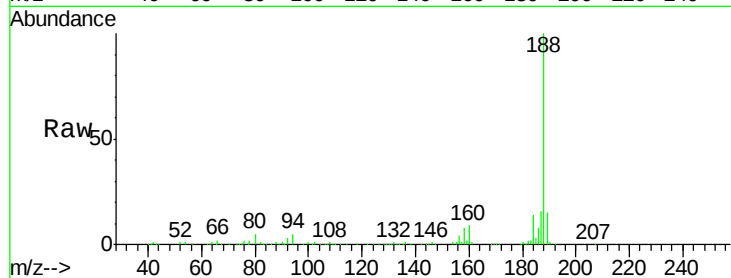
Tgt Ion:188 Resp: 253599

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

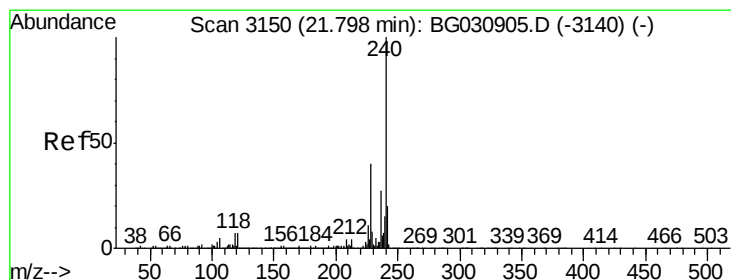
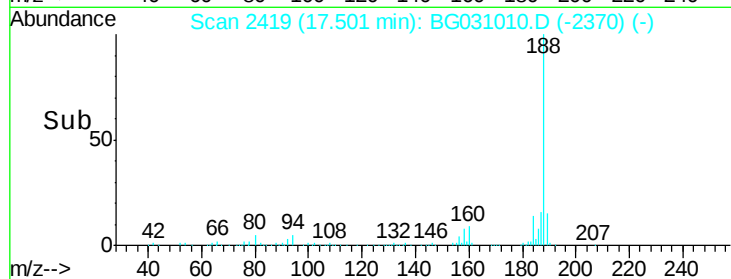
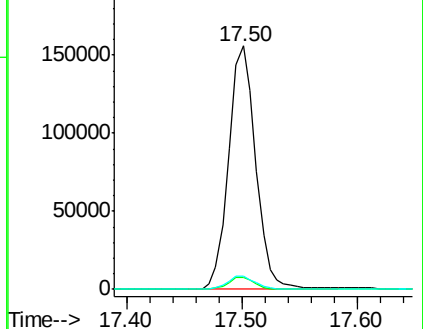
80 5.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031010.D

Acq: 15 Nov 2017 11:48

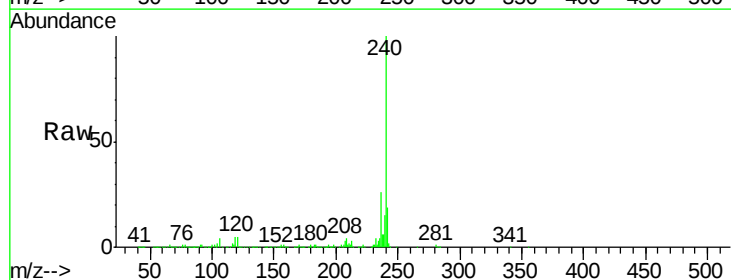
Tgt Ion:240 Resp: 386975

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

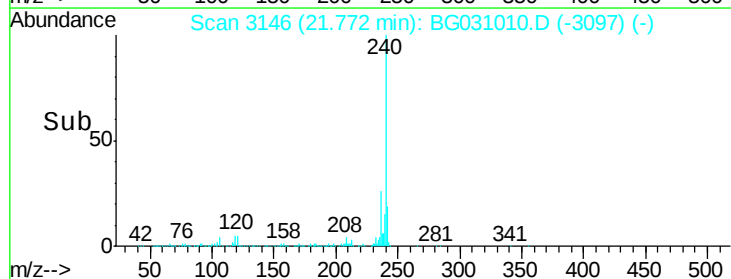
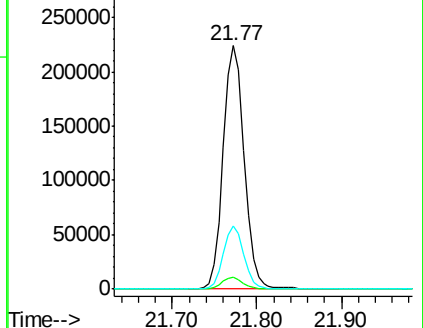
236 25.9 20.9 31.3

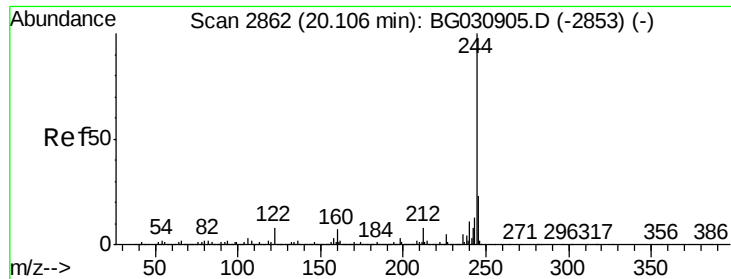


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.479 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031010.D

Acq: 15 Nov 2017 11:48

Instrument :

BNA_G

ClientSampleId :

TP-16

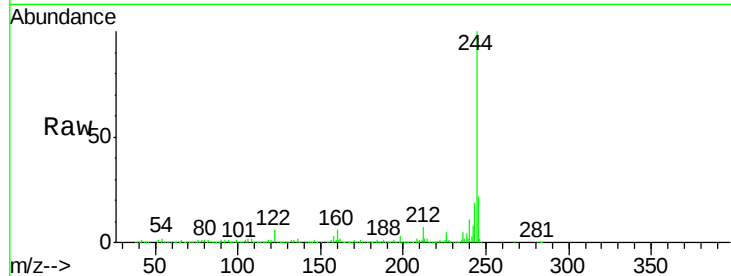
Tgt Ion:244 Resp: 1655773

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

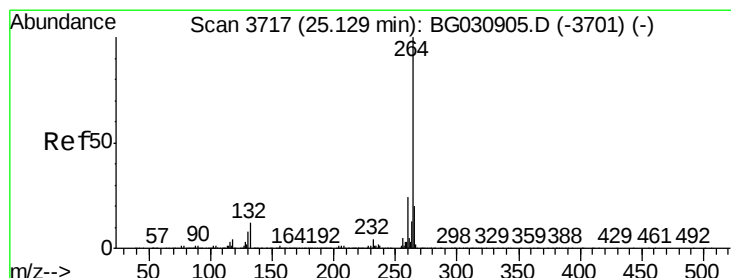
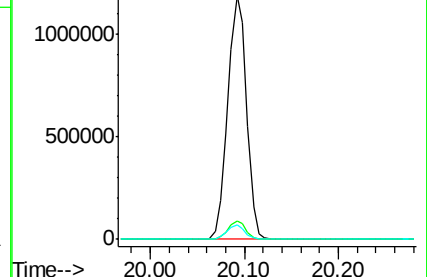
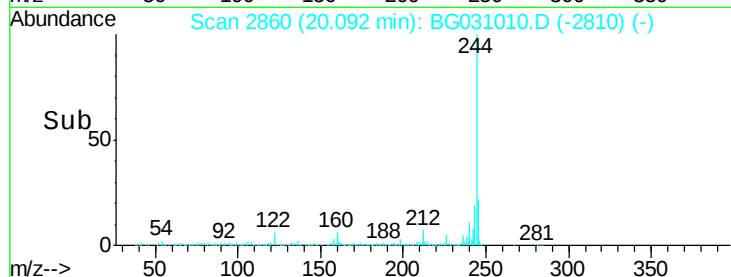
122 6.1 7.0 10.4#



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: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031010.D

Acq: 15 Nov 2017 11:48

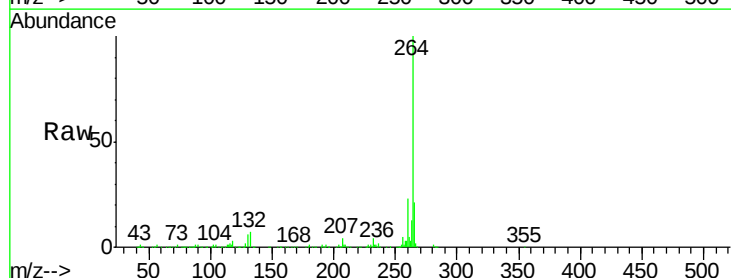
Tgt Ion:264 Resp: 402131

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.9 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

