

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031030.D
 Acq On : 16 Nov 2017 2:32
 Operator : SJ/JU
 Sample : I6476-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:46:58 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	32645	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	129149	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	88205	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	263632	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	381641	20.00	ng	-0.02
86) Perylene-d12	25.07	264	375315	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	184215	96.76	ng	0.00
7) Phenol-d6	7.31	99	203693	79.42	ng	0.00
23) Nitrobenzene-d5	9.31	82	160213	73.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	207801	145.63	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	534969	87.15	ng	-0.02
78) Terphenyl-d14	20.09	244	1310838	75.84	ng	0.00

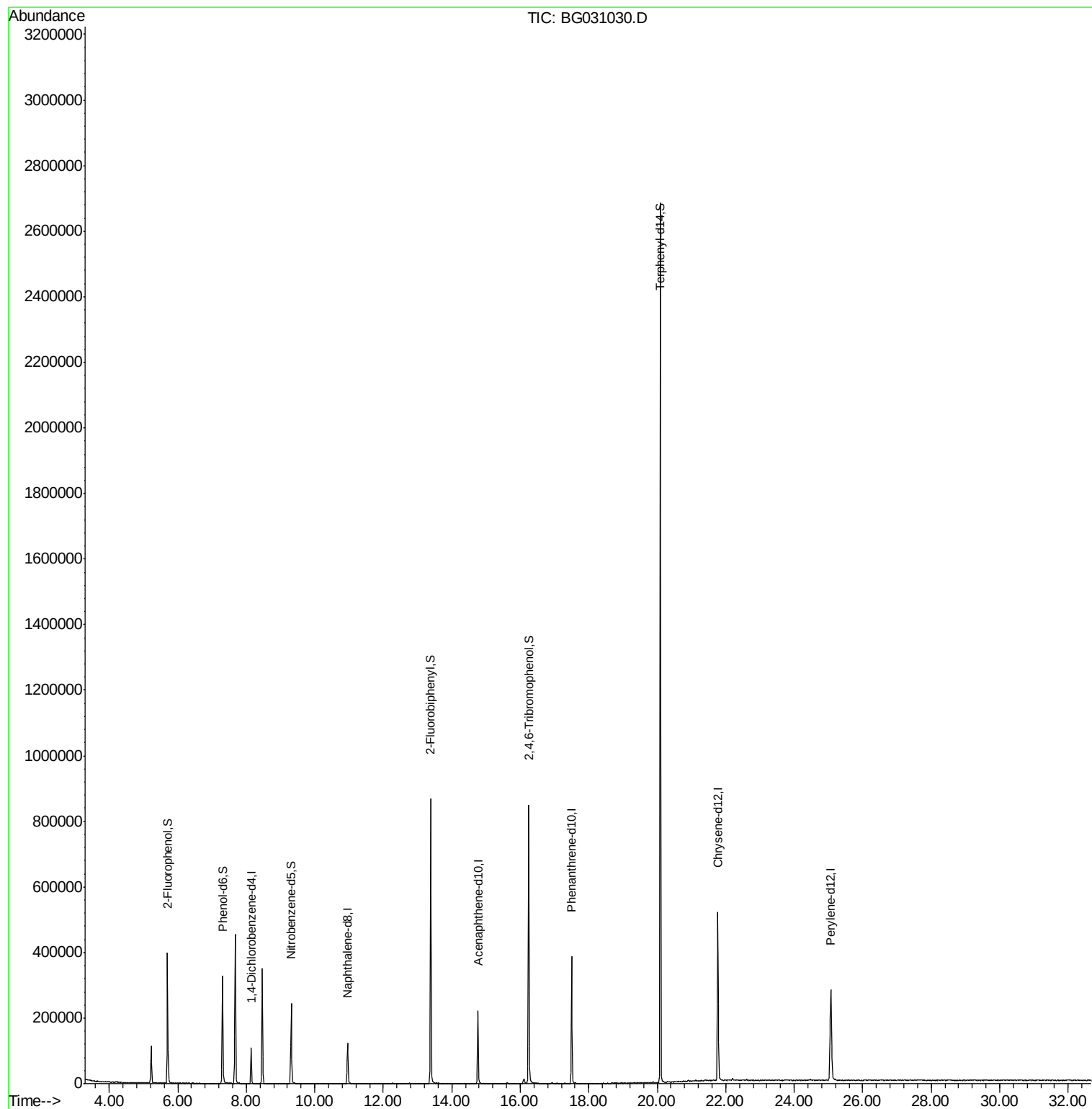
Target Compounds Qvalue

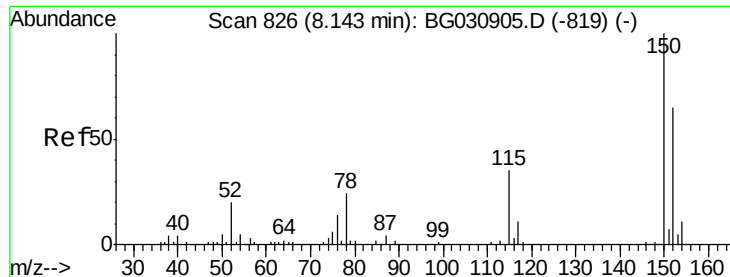
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

Instrument :

BNA_G

ClientSampleId :

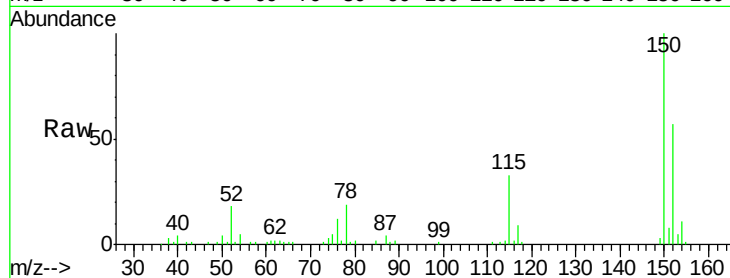
Tot Ion:152 Resp: 32645

Ion Ratio Lower Upper

152 100

150 175.4 126.6 189.8

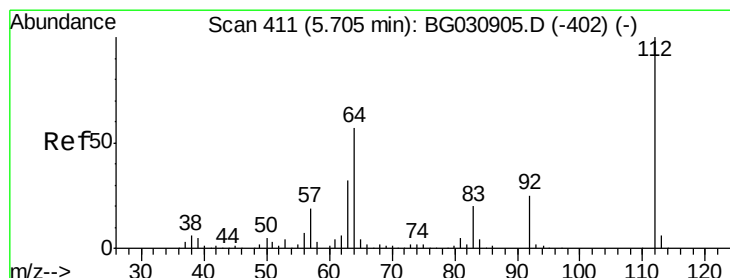
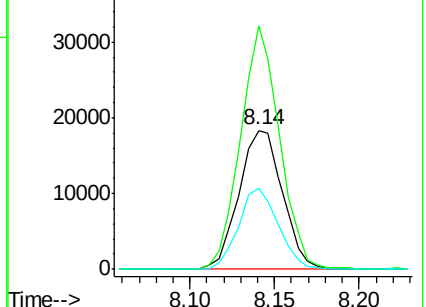
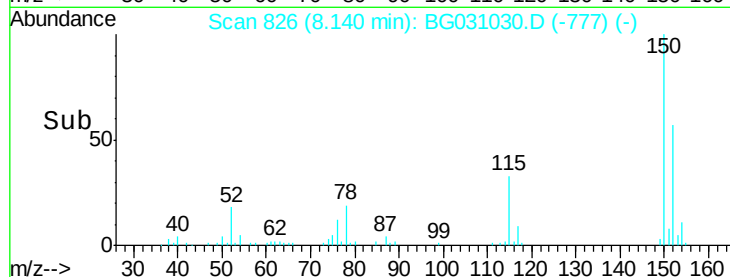
115 58.0 53.0 79.4



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: 96.76 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

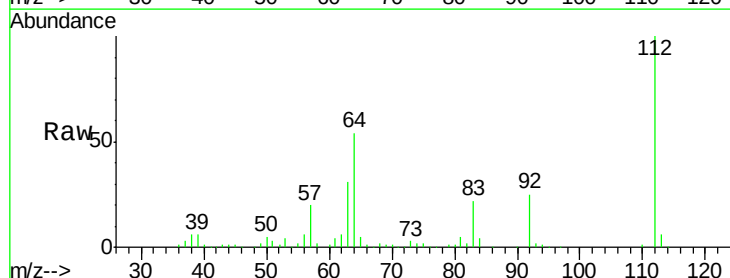
Tgt Ion:112 Resp: 184215

Ion Ratio Lower Upper

112 100

64 54.1 56.3 84.5#

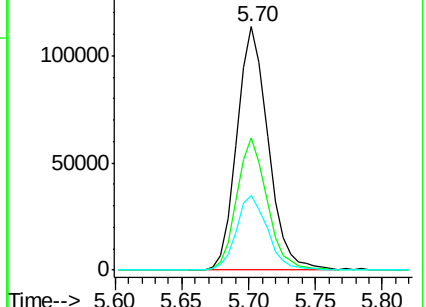
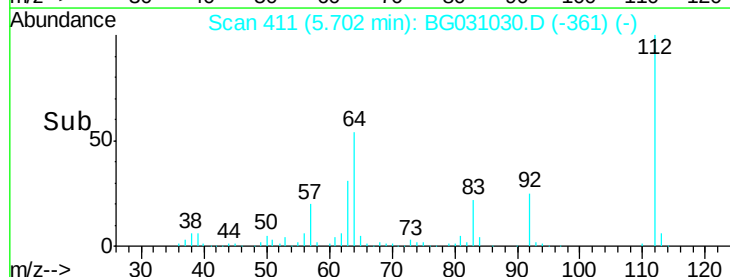
63 30.7 30.1 45.1

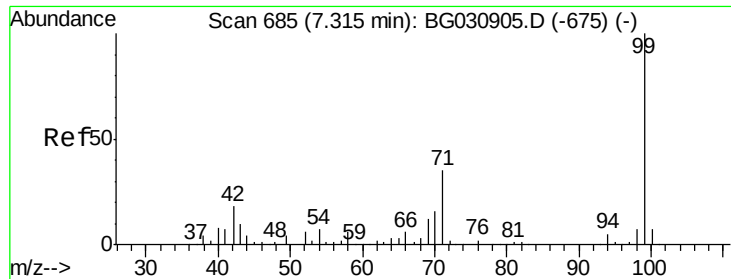


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 79.42 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

Instrument :

BNA_G

ClientSampleId :

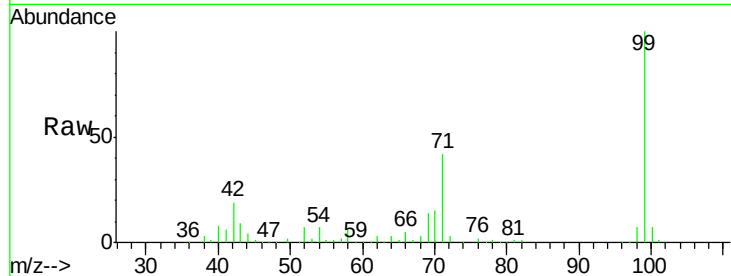
Tot Ion: 99 Resp: 203693

Ion Ratio Lower Upper

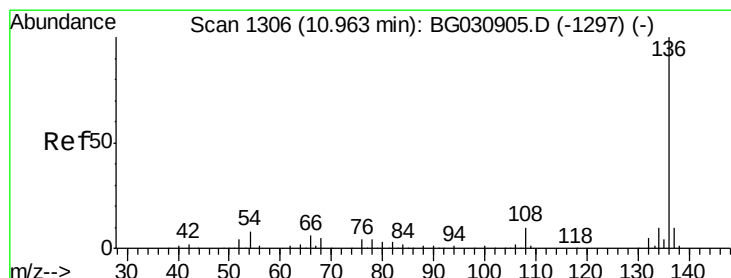
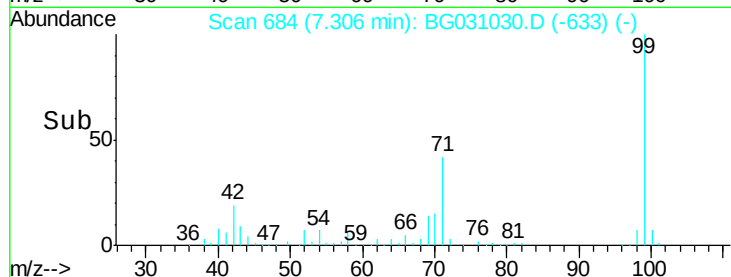
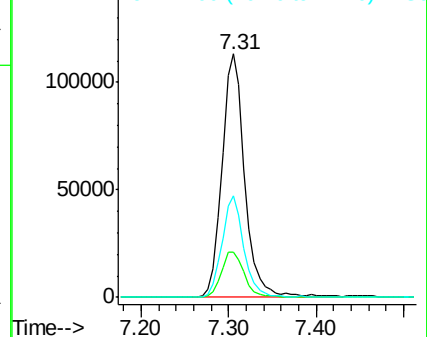
99 100

42 18.8 14.1 21.1

71 41.8 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: 20.00 ng

RT: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

Tgt Ion: 136 Resp: 129149

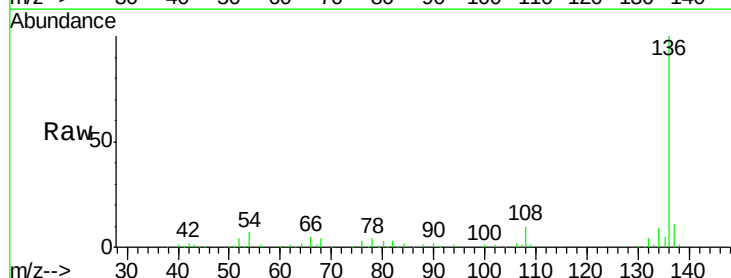
Ion Ratio Lower Upper

136 100

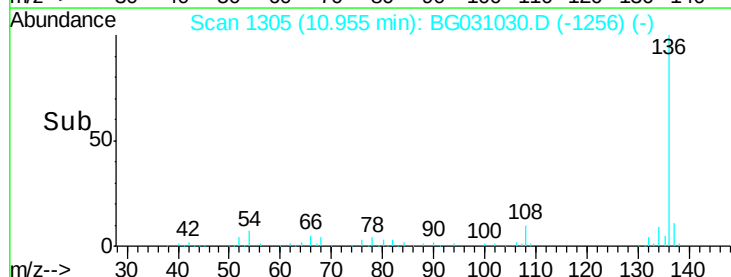
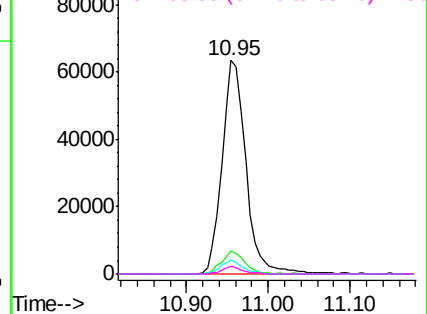
137 10.6 9.2 13.8

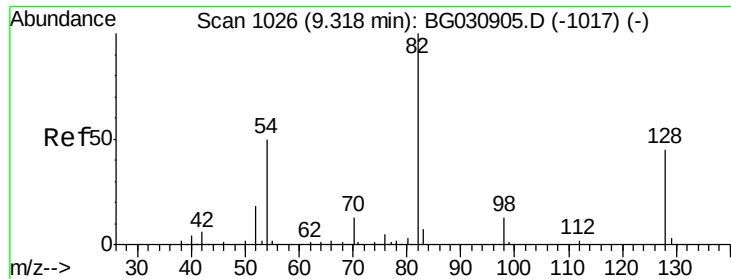
54 6.8 10.3 15.5#

68 3.6 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

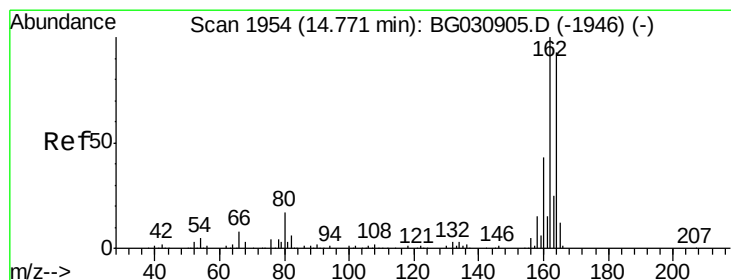
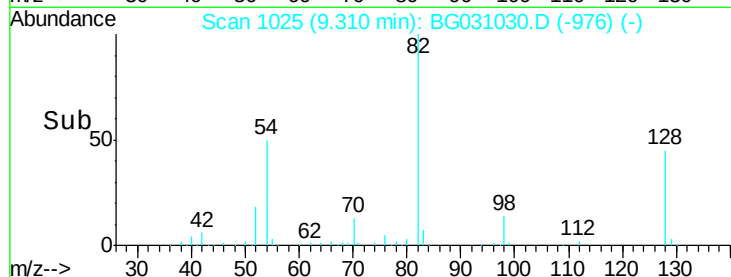
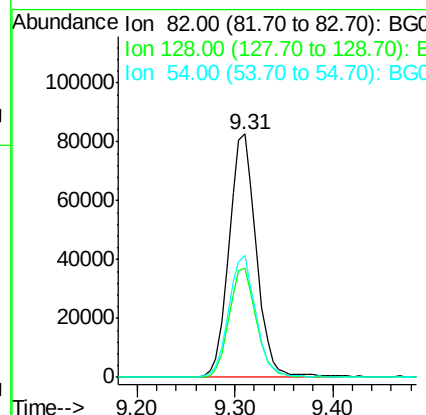
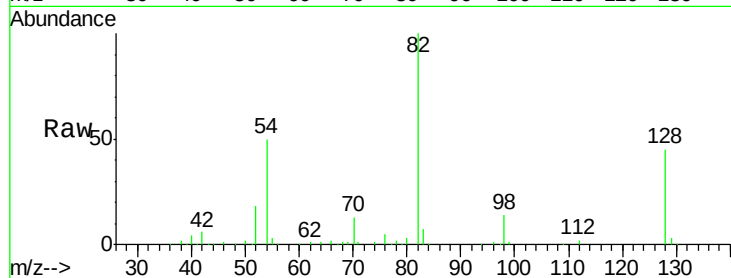




#23
 Nitrobenzene-d5
 Concen: 73.51 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

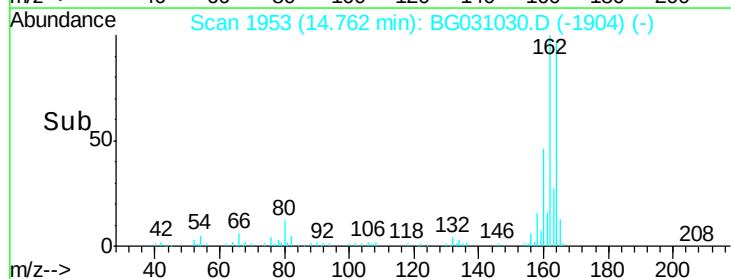
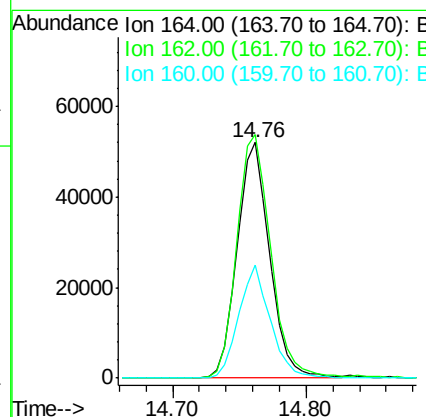
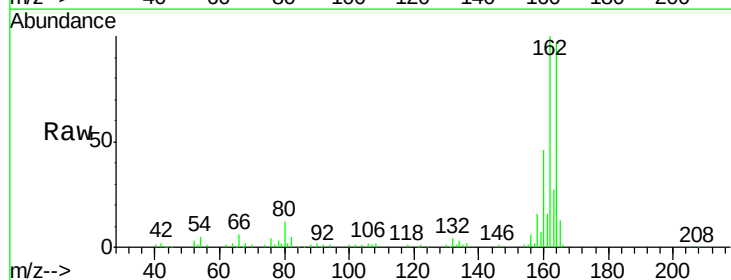
Instrument :
 BNA_G
 ClientSampleId :

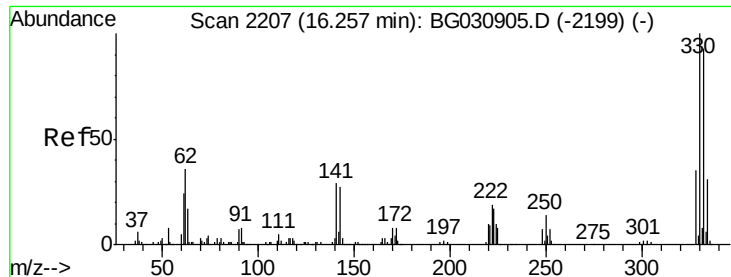
Tot Ion	82	Resp	160213
Ion Ratio	100	Lower	Upper
128	44.8	29.7	44.5#
54	50.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

Tgt Ion	164	Resp	88205
Ion Ratio	100	Lower	Upper
162	103.3	78.8	118.2
160	47.7	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 145.63 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

Instrument :

BNA_G

ClientSampleId :

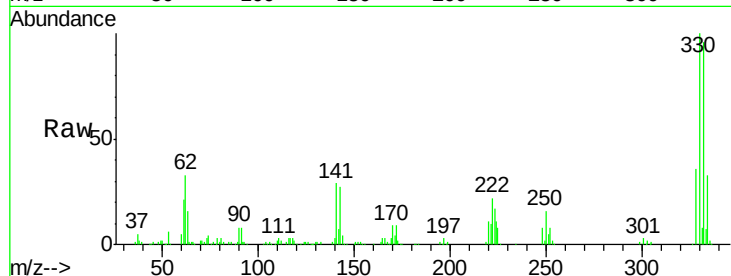
Tot Ion:330 Resp: 207801

Ion Ratio Lower Upper

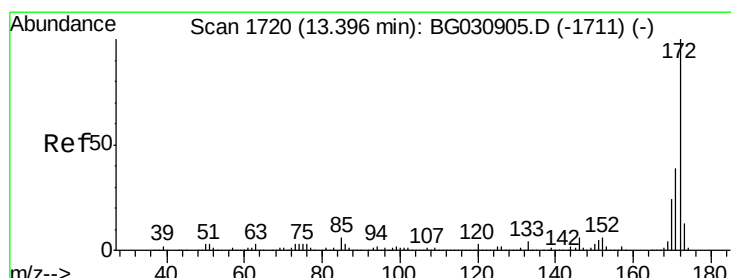
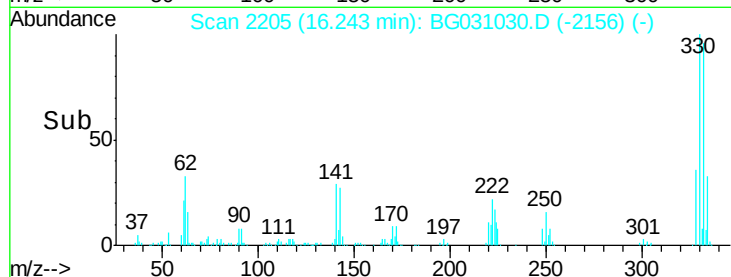
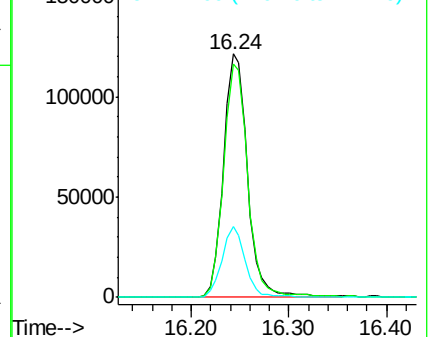
330 100

332 96.8 77.0 115.6

141 28.3 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: 87.15 ng

RT: 13.38 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

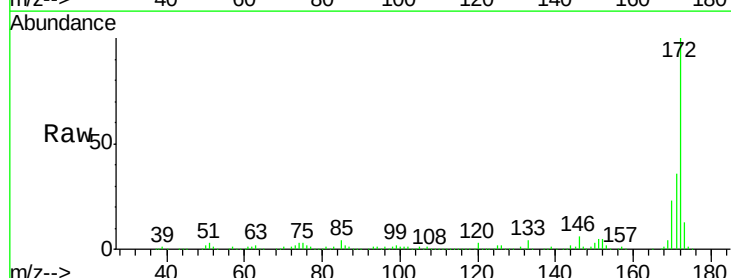
Tgt Ion:172 Resp: 534969

Ion Ratio Lower Upper

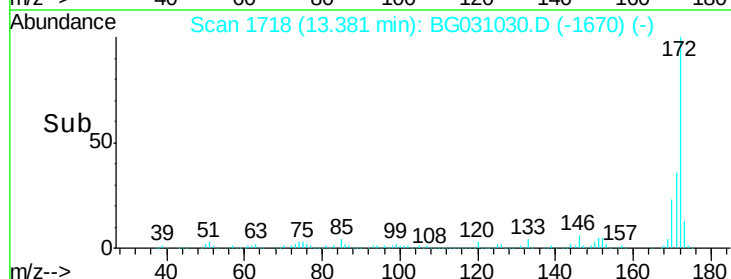
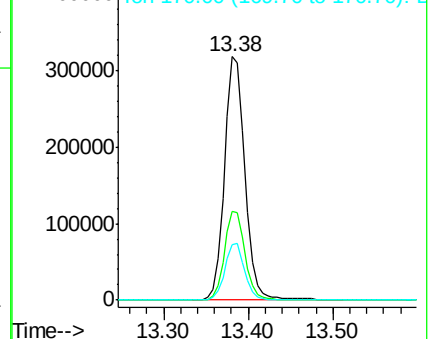
172 100

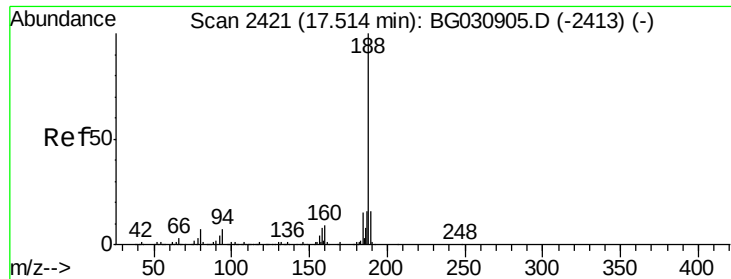
171 36.4 30.0 45.0

170 22.6 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: 20.00 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

Instrument :

BNA_G

ClientSampleId :

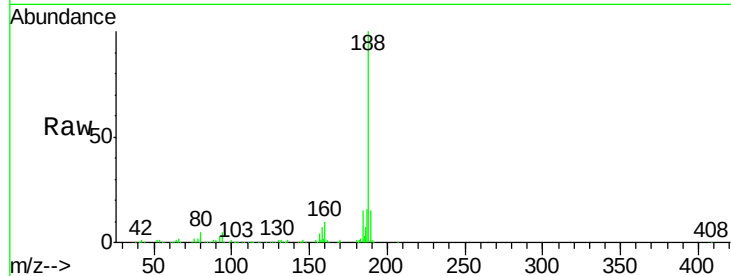
Tot Ion:188 Resp: 263632

Ion Ratio Lower Upper

188 100

94 4.7 6.9 10.3#

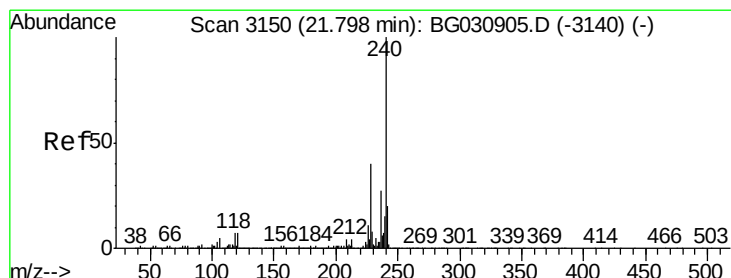
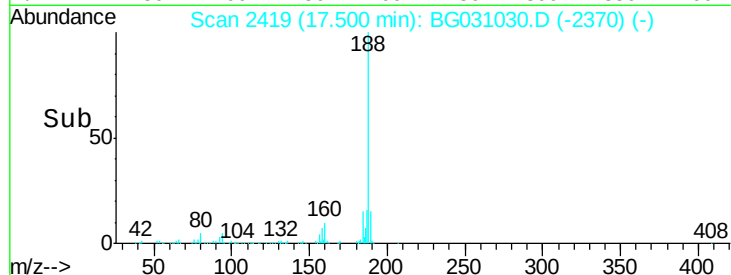
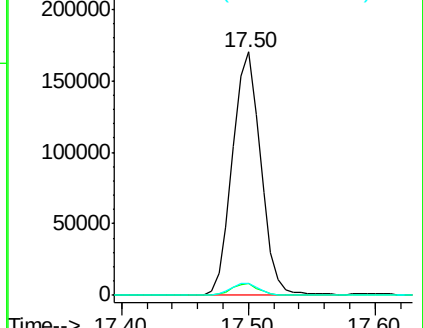
80 5.0 7.7 11.5#



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: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

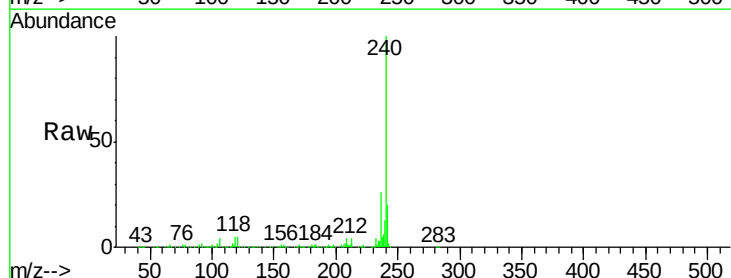
Tgt Ion:240 Resp: 381641

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

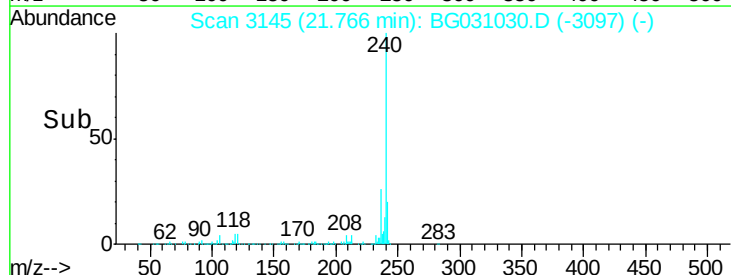
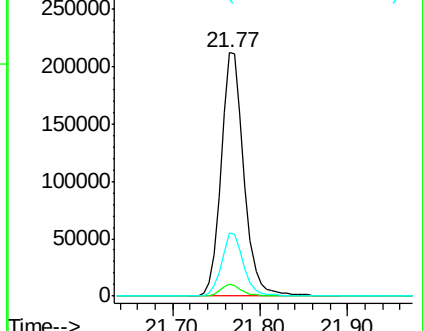
236 25.9 20.9 31.3

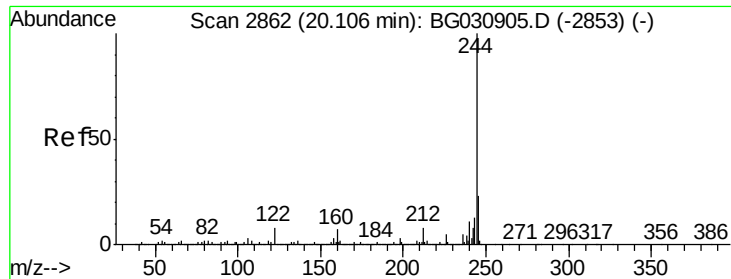


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

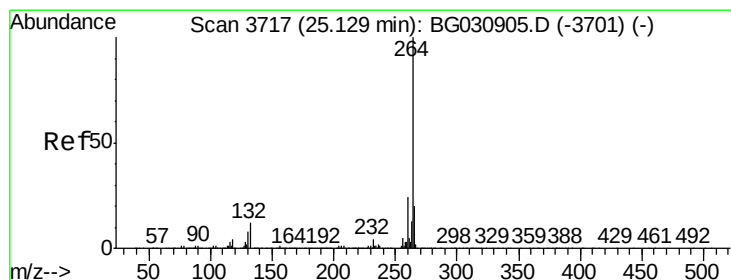
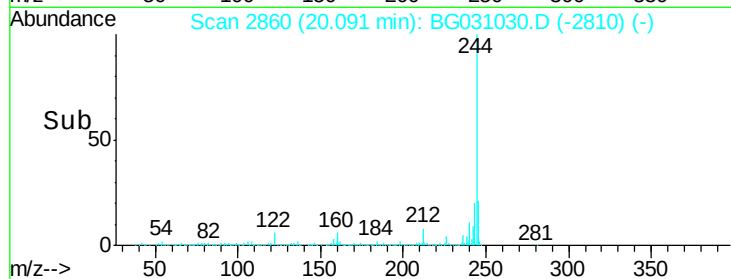
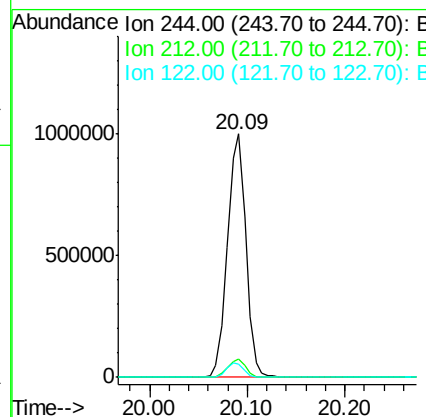
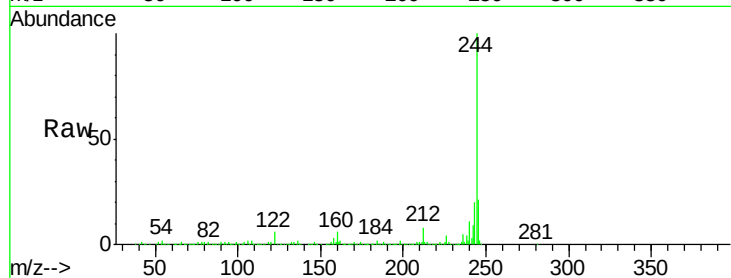




#78
 Terphenyl-d14
 Concen: 75.84 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1310838
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 5.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

Tgt Ion:264 Resp: 375315
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 20.7 17.7 26.5

