

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 :
 SP-1-RIGHT

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

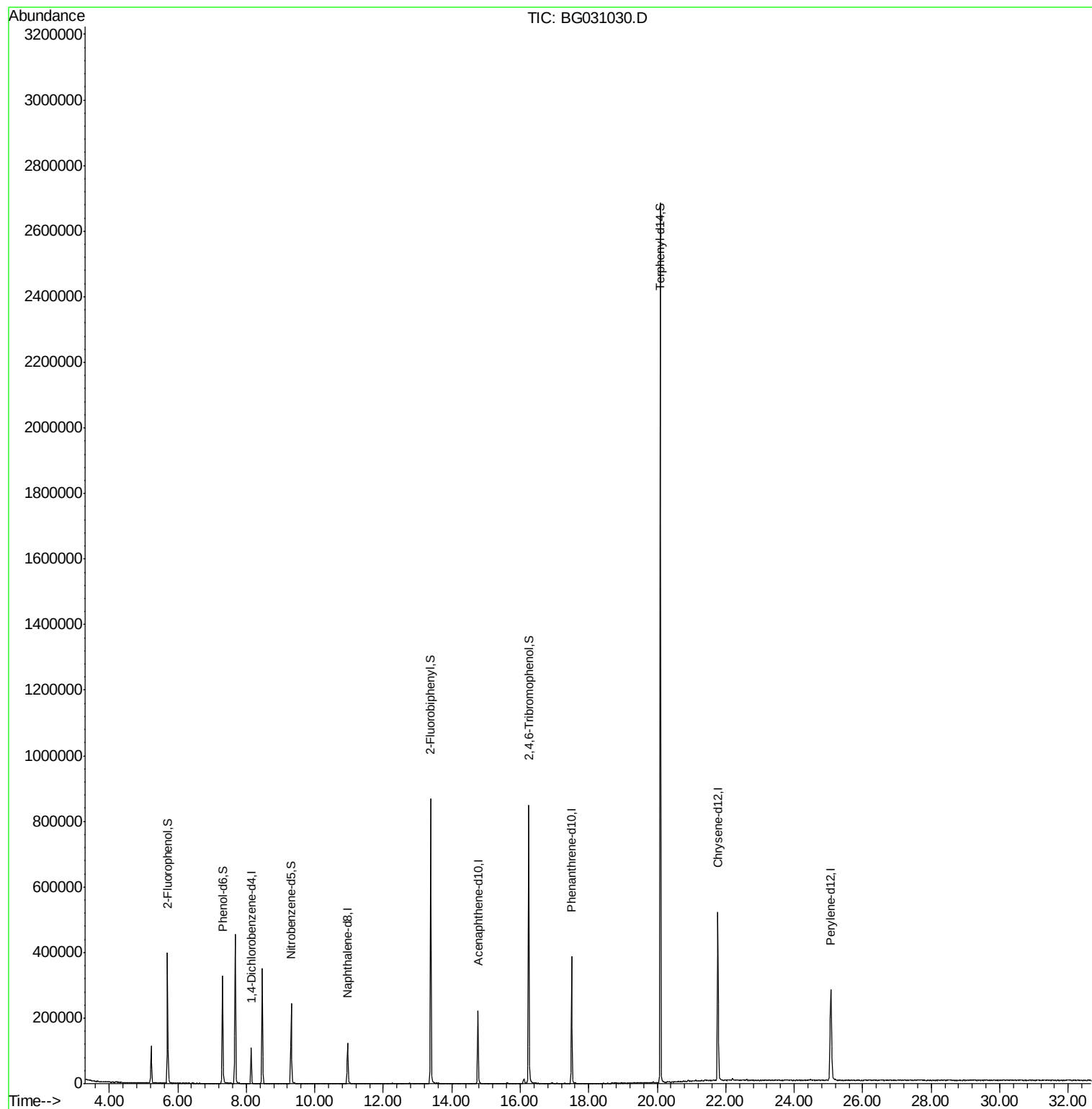
Target Compounds	Qvalue
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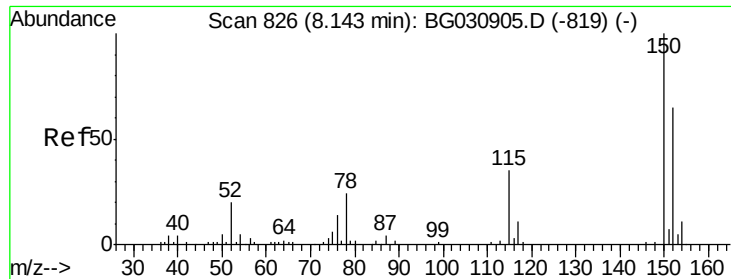
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 15:38:25 2017
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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: BG031030.D

Acq: 16 Nov 2017 2:32

Instrument :

BNA_G

ClientSampleId :

SP-1-RIGHT

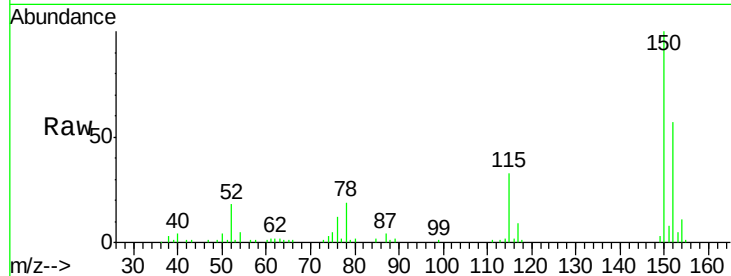
Tgt Ion:152 Resp: 32645

Ion Ratio Lower Upper

152 100

150 175.4 126.6 189.8

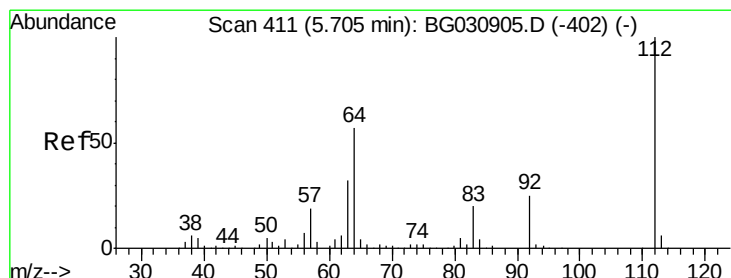
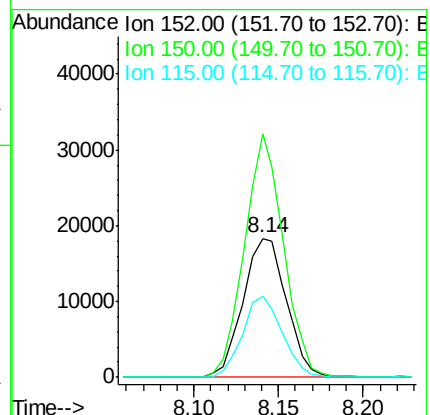
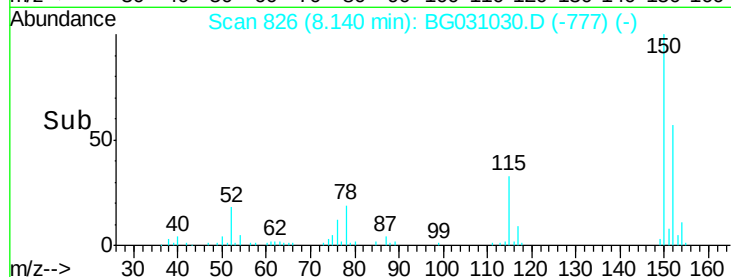
115 58.0 53.0 79.4



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: 96.763 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

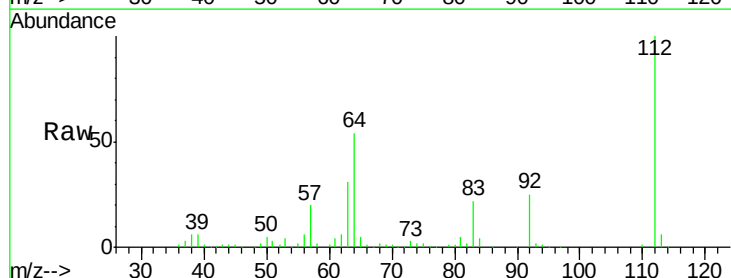
Tgt Ion:112 Resp: 184215

Ion Ratio Lower Upper

112 100

64 54.1 56.3 84.5#

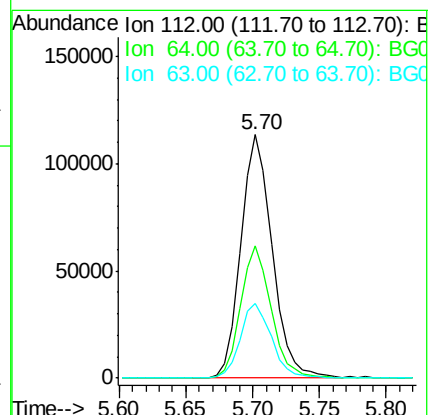
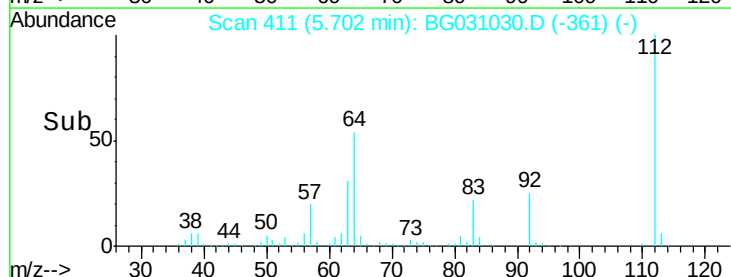
63 30.7 30.1 45.1

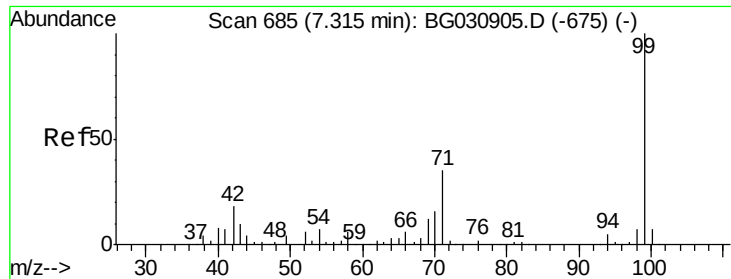


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 79.419 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 :

SP-1-RIGHT

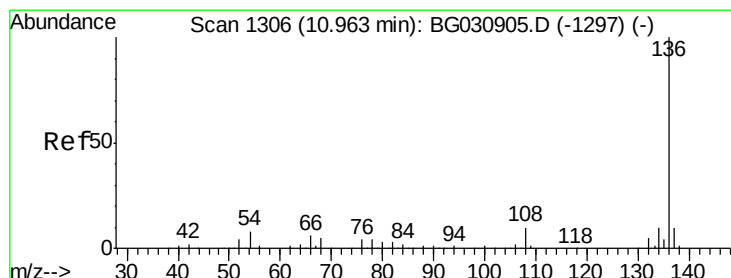
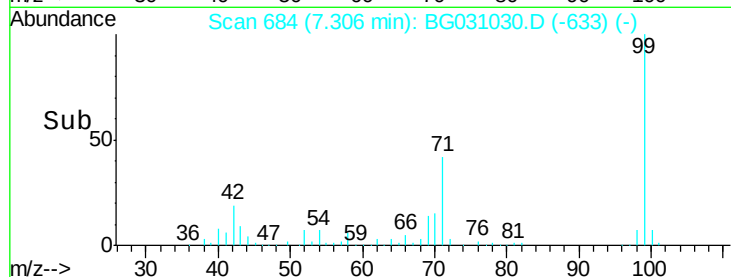
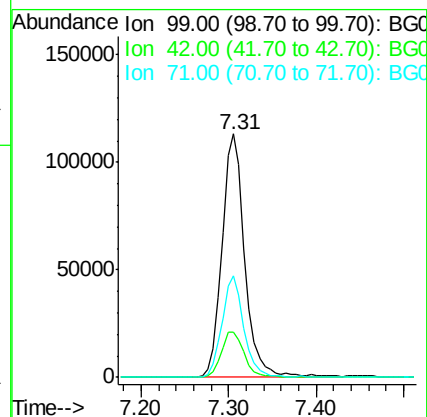
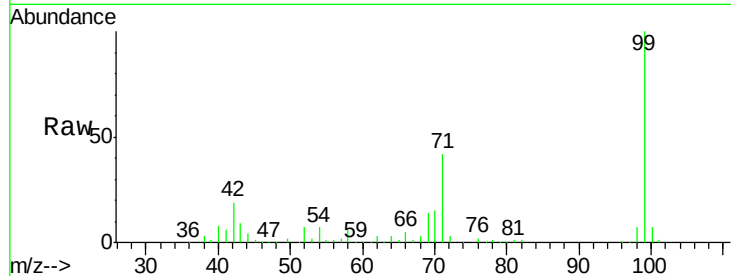
Tgt Ion: 99 Resp: 203693

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 41.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 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

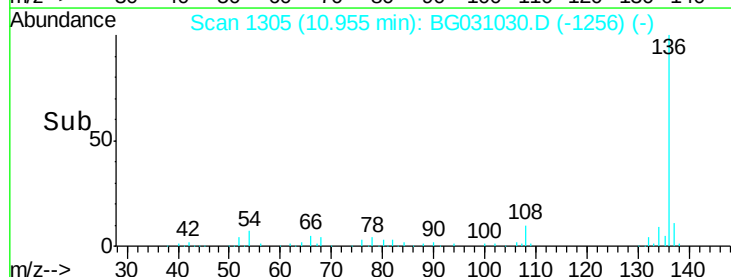
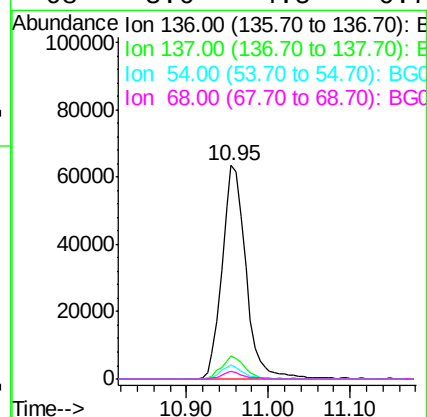
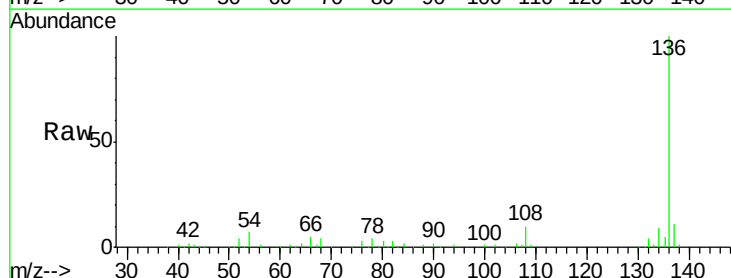
Ion Ratio Lower Upper

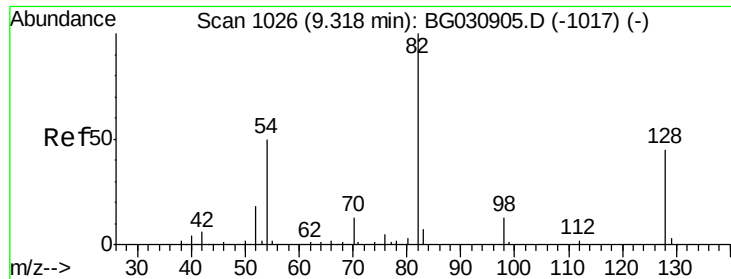
136 100

137 10.6 9.2 13.8

54 6.8 10.3 15.5#

68 3.6 4.5 6.7#

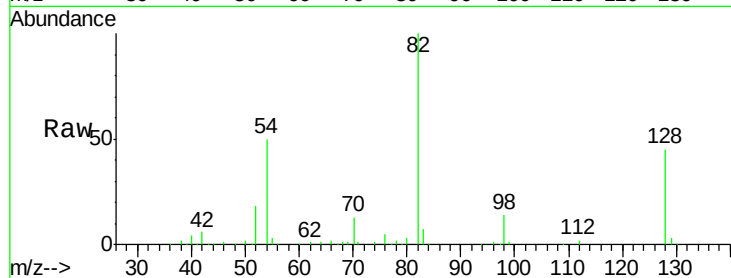




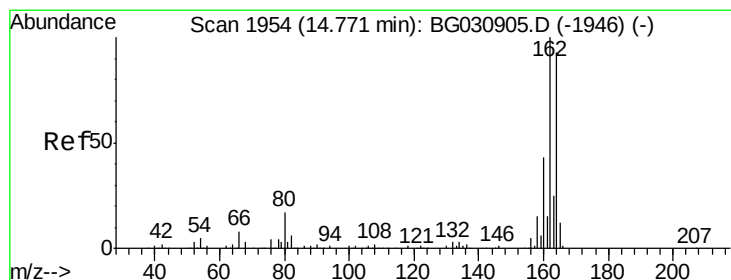
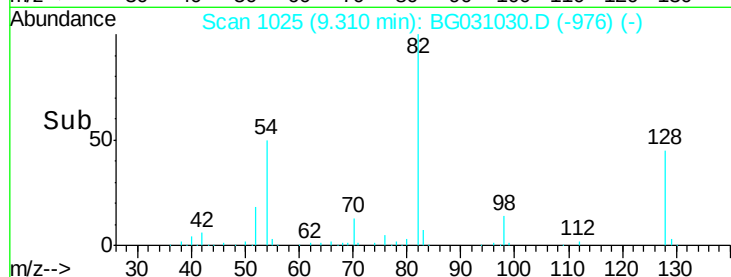
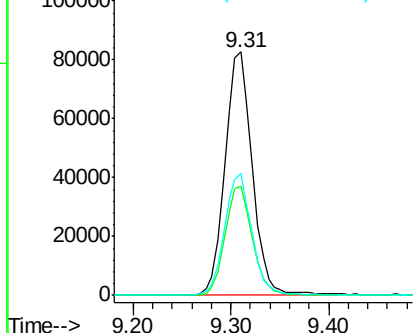
#23
 Nitrobenzene-d5
 Concen: 73.509 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-RIGHT

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

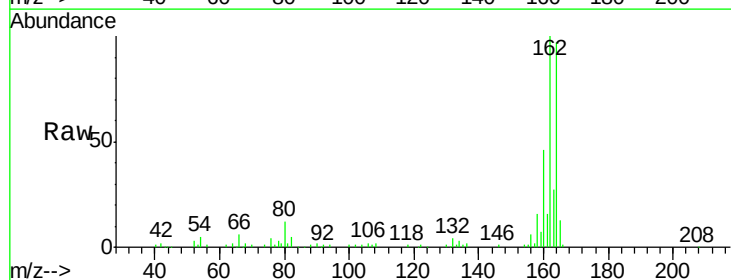


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

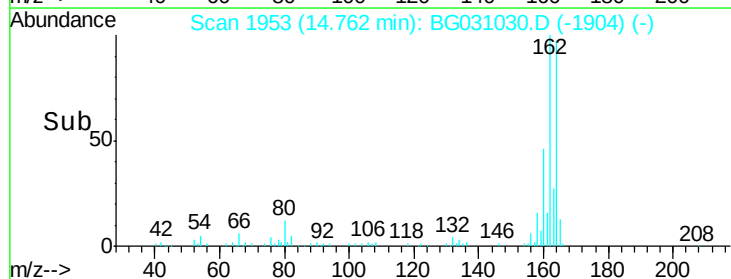
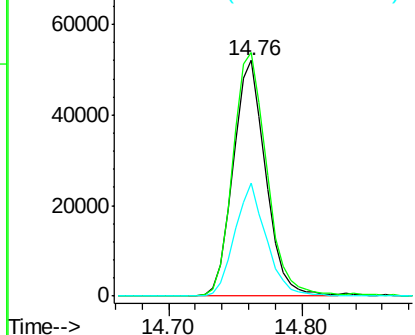


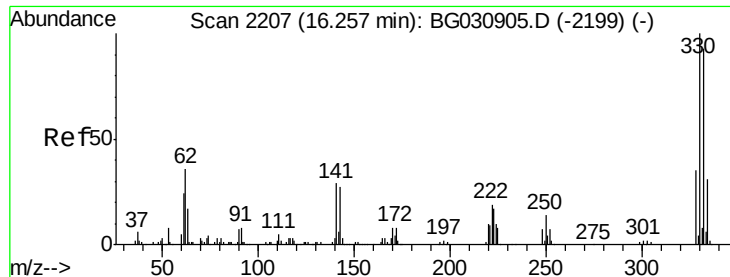
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

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



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

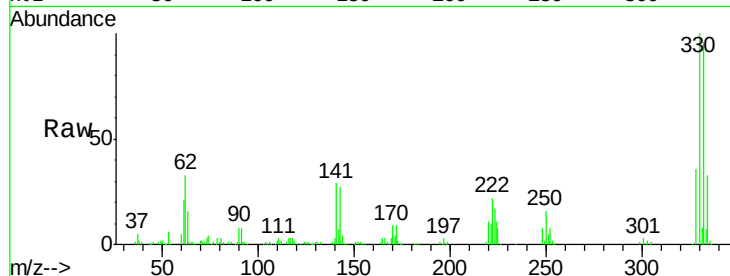




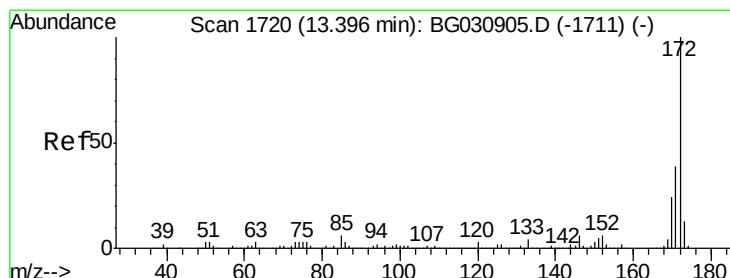
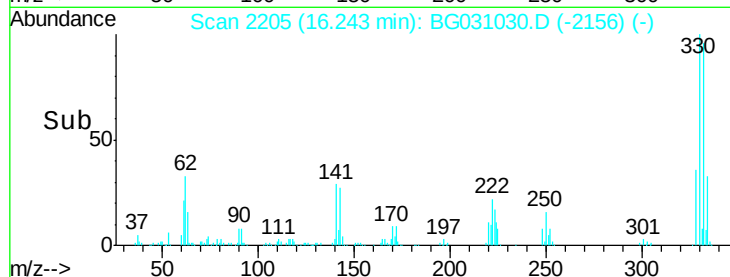
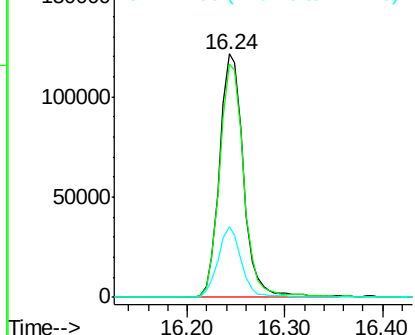
#41
 2,4,6-Tribromophenol
 Concen: 145.634 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-RIGHT

Tgt Ion:330 Resp: 207801
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 28.3 25.2 37.8

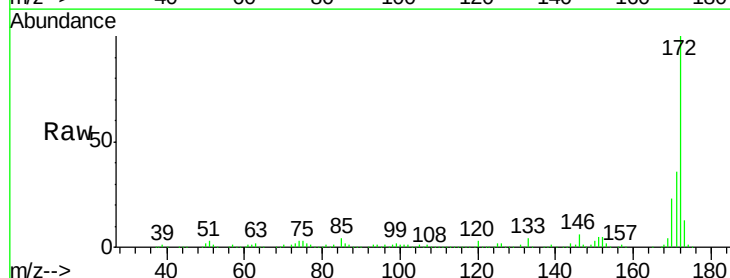


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

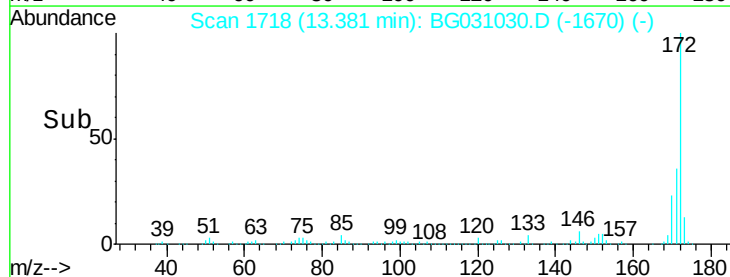
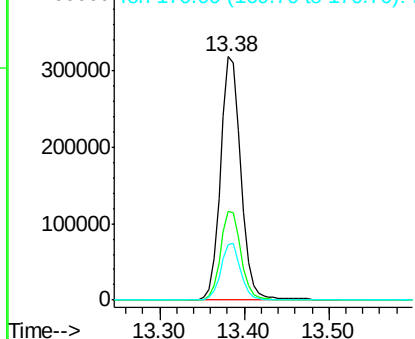


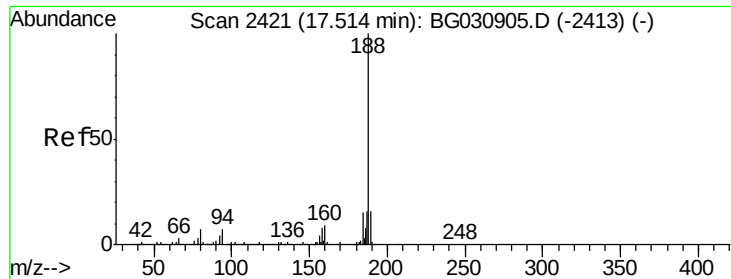
#44
 2-Fluorobiphenyl
 Concen: 87.148 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031030.D
 Acq: 16 Nov 2017 2:32

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

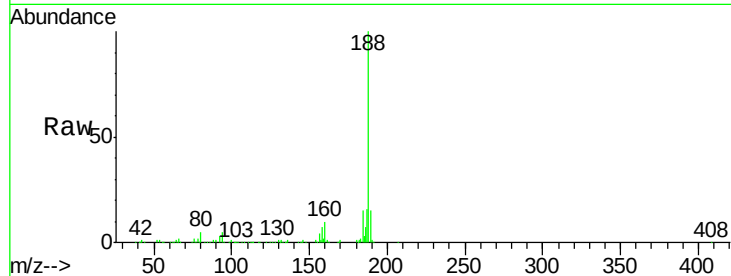




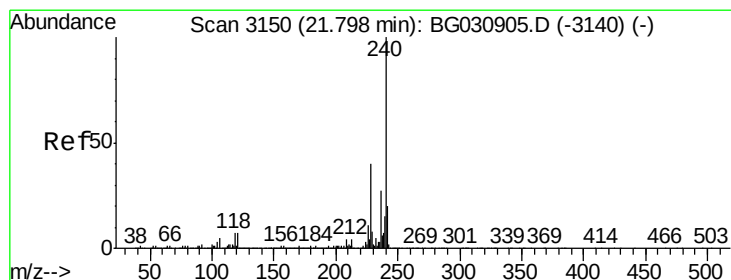
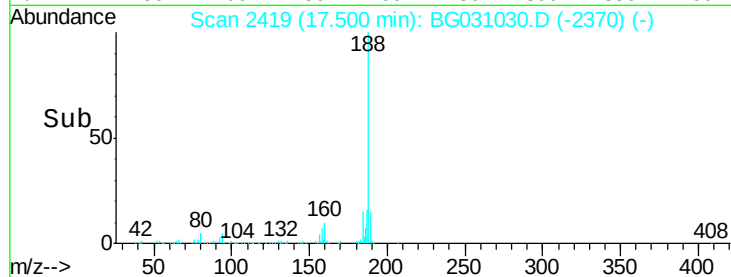
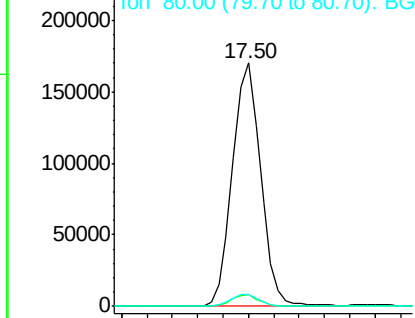
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031030.D
Acq: 16 Nov 2017 2:32

Instrument :
BNA_G
ClientSampleId :
SP-1-RIGHT

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	5.0	7.7	11.5#

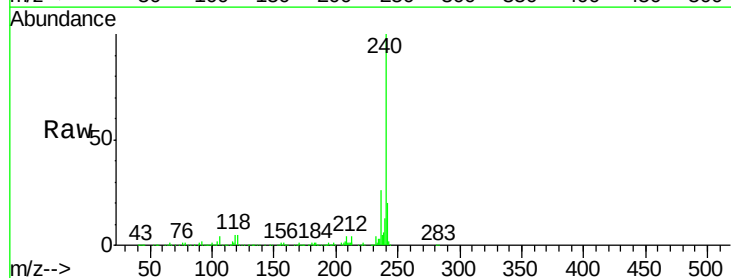


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

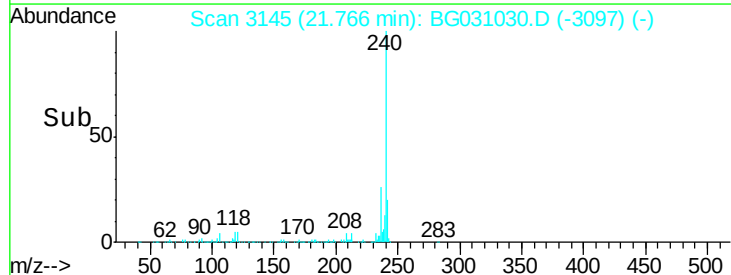
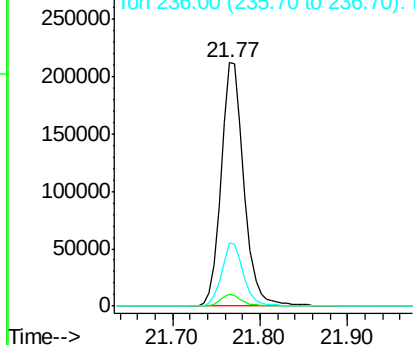


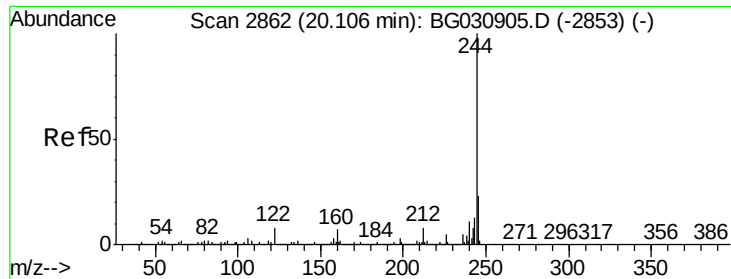
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031030.D
Acq: 16 Nov 2017 2:32

Tgt Ion	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: 75.842 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 :

SP-1-RIGHT

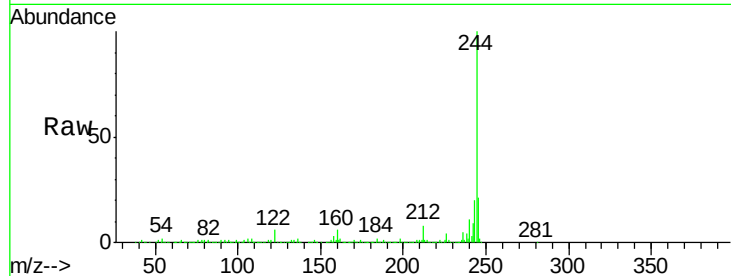
Tgt Ion:244 Resp: 1310838

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

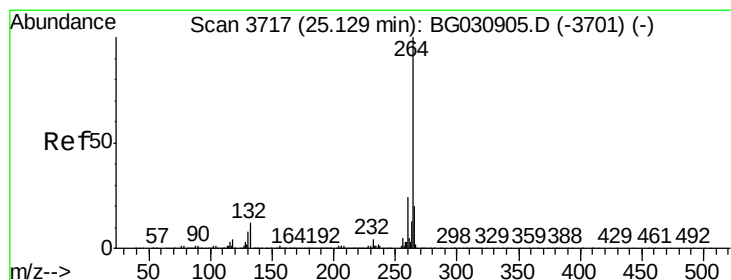
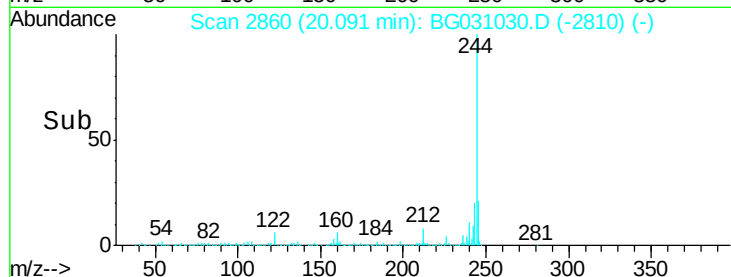
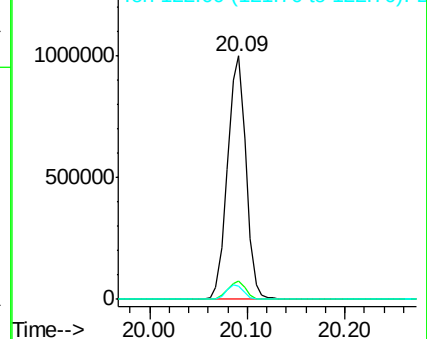
122 5.5 7.0 10.4#



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# 3707

Delta R.T. -0.02 min

Lab File: BG031030.D

Acq: 16 Nov 2017 2:32

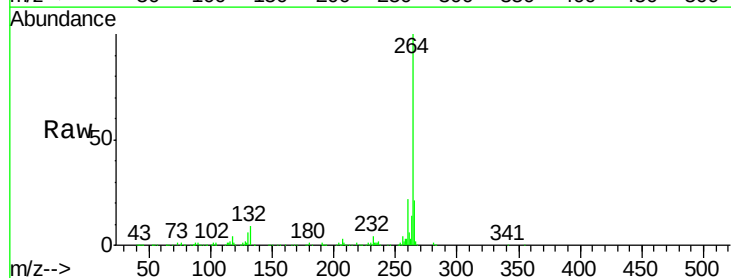
Tgt Ion:264 Resp: 375315

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.7 17.7 26.5



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

