

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031034.D
 Acq On : 16 Nov 2017 5:02
 Operator : SJ/JU
 Sample : I6478-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-B

Quant Time: Nov 16 08:29:00 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	31586	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	120908	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	84918	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	249460	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	382069	20.00	ng	-0.02
86) Perylene-d12	25.06	264	376708	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	211928	115.05	ng	0.00
7) Phenol-d6	7.31	99	218528	88.06	ng	0.00
23) Nitrobenzene-d5	9.31	82	183530	89.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	232040	168.92	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	570358	96.51	ng	-0.02
78) Terphenyl-d14	20.09	244	1462439	84.52	ng	0.00

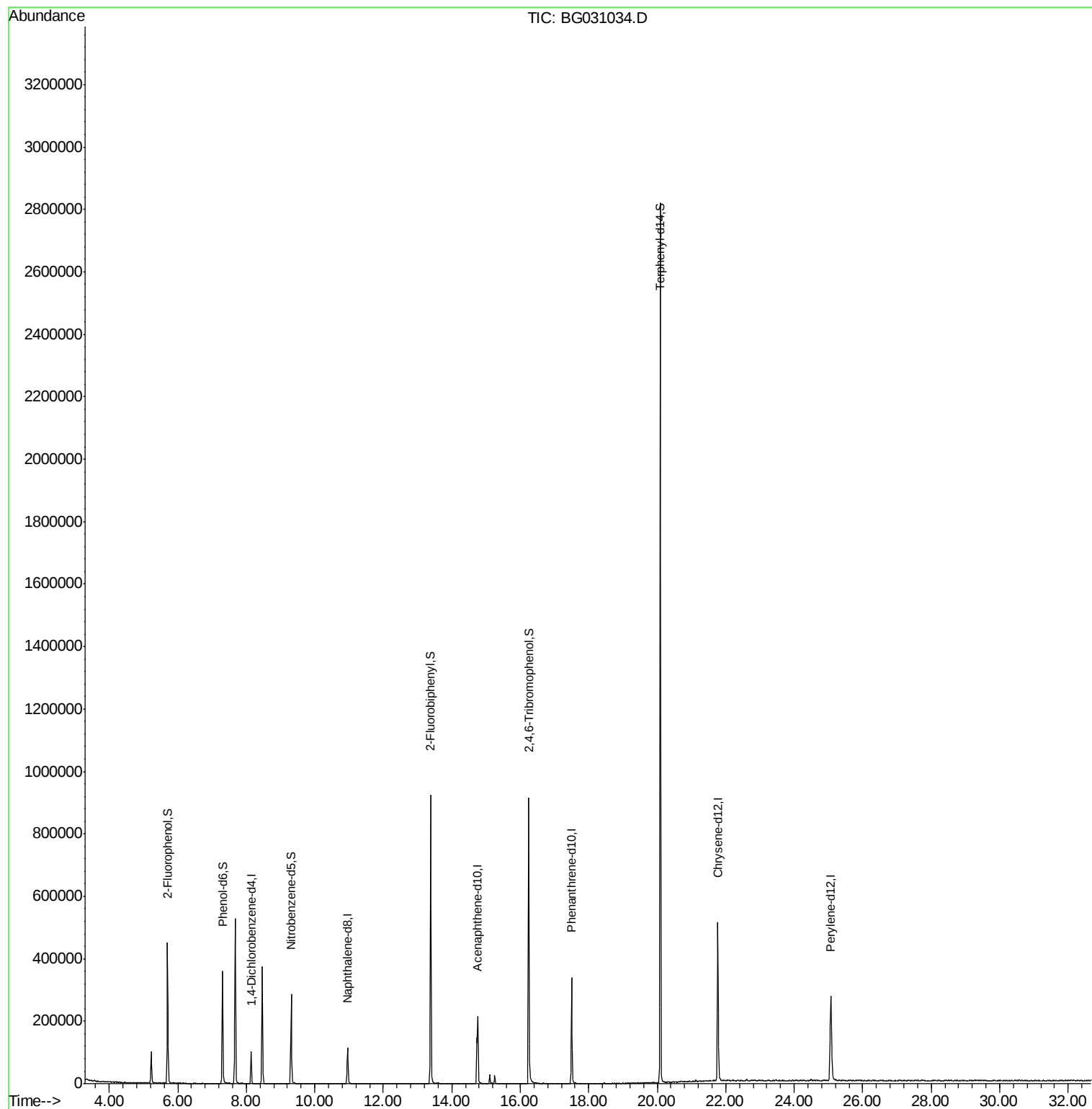
Target Compounds	Qvalue
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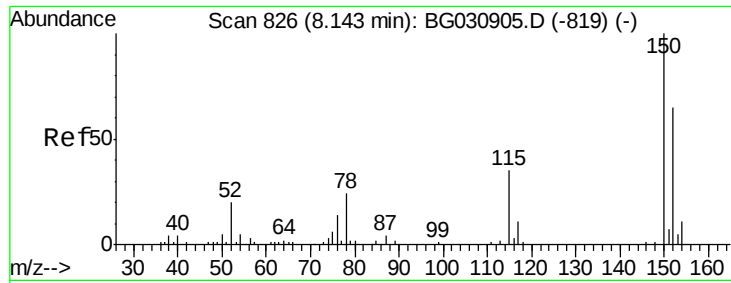
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG031034.D

Acq: 16 Nov 2017 5:02

Instrument :

BNA_G

ClientSampleId :

SP-1-B

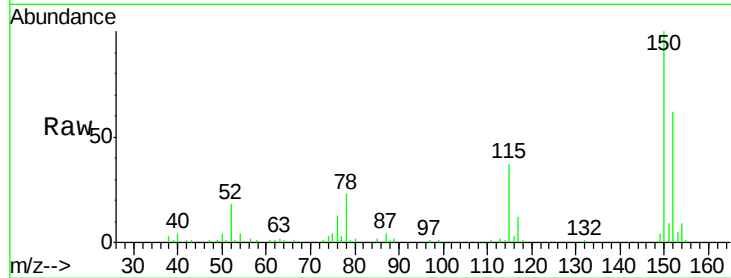
Tgt Ion:152 Resp: 31586

Ion Ratio Lower Upper

152 100

150 160.4 126.6 189.8

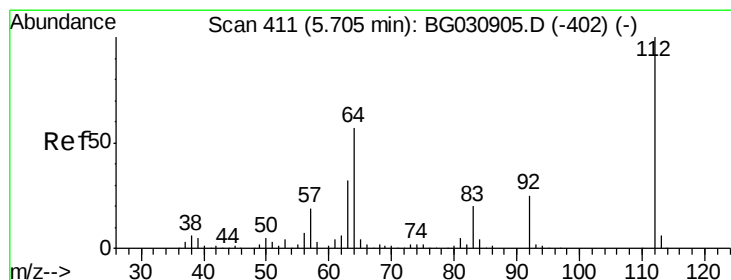
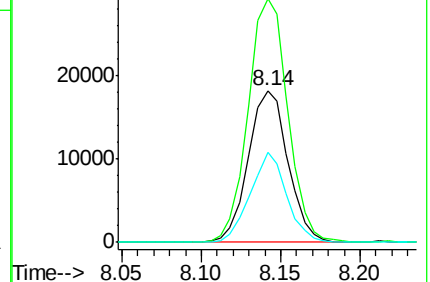
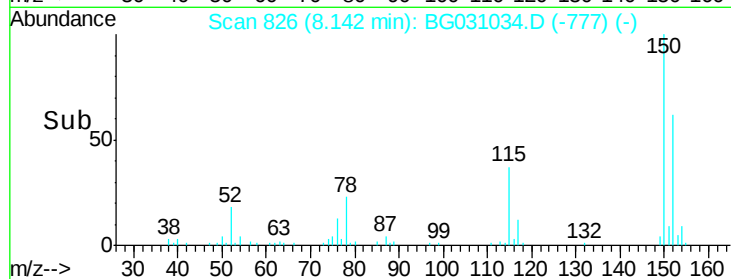
115 59.5 53.0 79.4



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: 115.053 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG031034.D

Acq: 16 Nov 2017 5:02

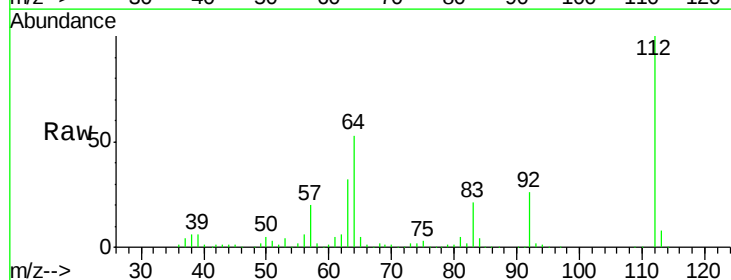
Tgt Ion:112 Resp: 211928

Ion Ratio Lower Upper

112 100

64 53.1 56.3 84.5#

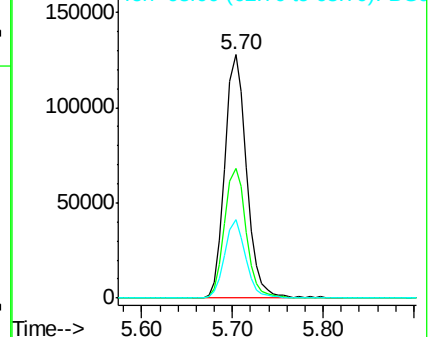
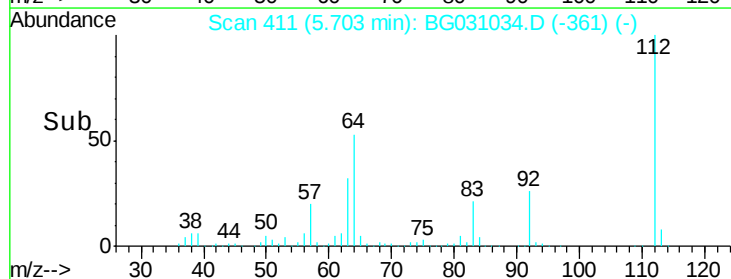
63 32.3 30.1 45.1

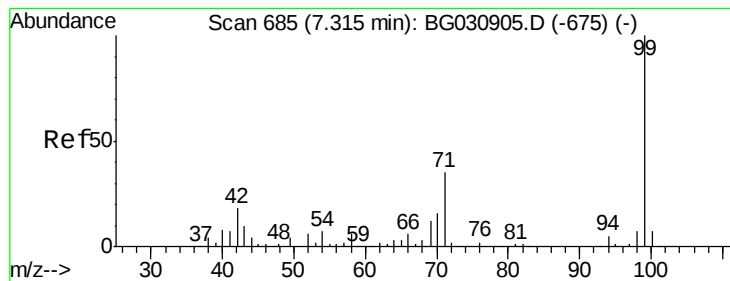


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.060 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031034.D

Acq: 16 Nov 2017 5:02

Instrument :

BNA_G

ClientSampleId :

SP-1-B

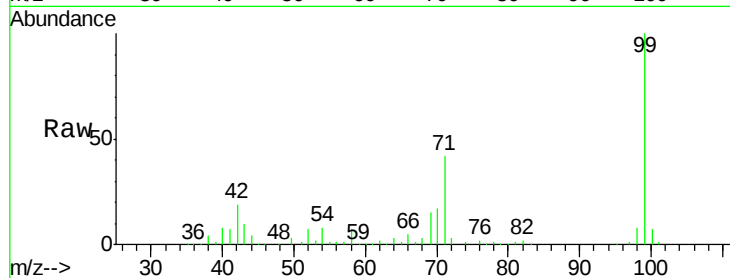
Tgt Ion: 99 Resp: 218528

Ion Ratio Lower Upper

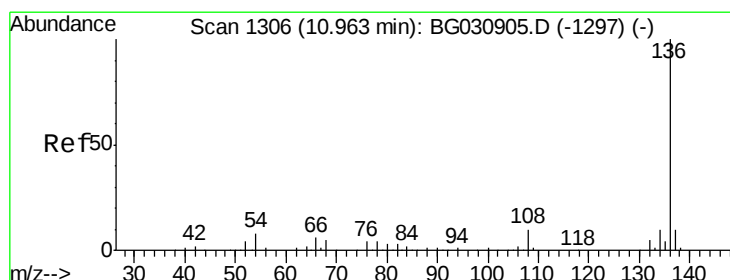
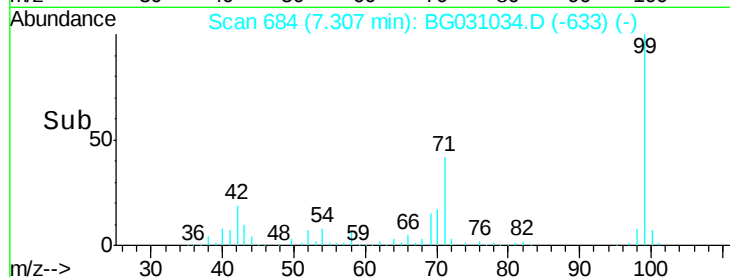
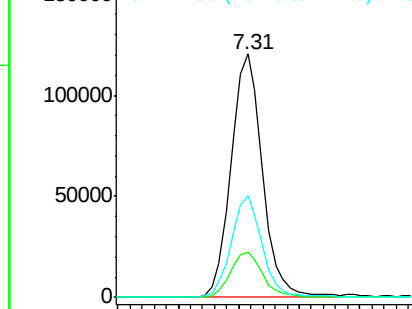
99 100

42 18.6 14.1 21.1

71 42.0 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: BG031034.D

Acq: 16 Nov 2017 5:02

Tgt Ion: 136 Resp: 120908

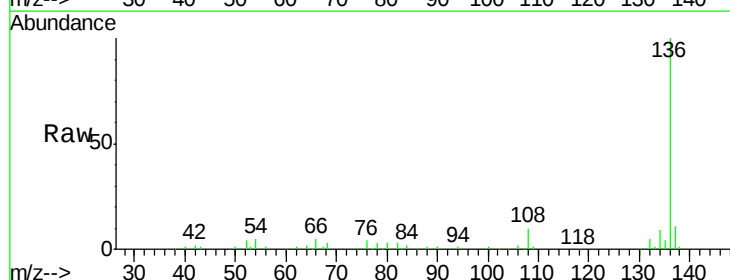
Ion Ratio Lower Upper

136 100

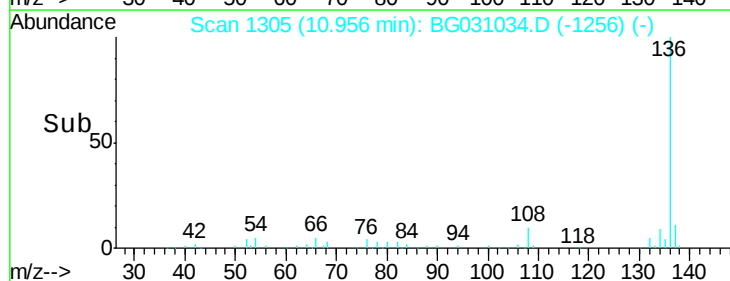
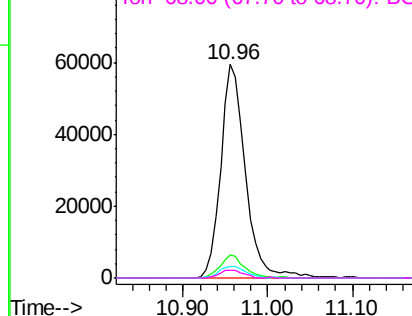
137 10.8 9.2 13.8

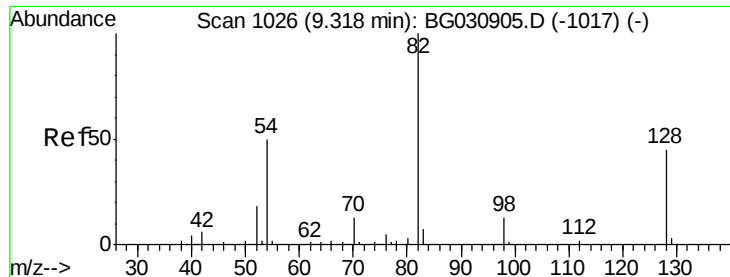
54 5.2 10.3 15.5#

68 3.3 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

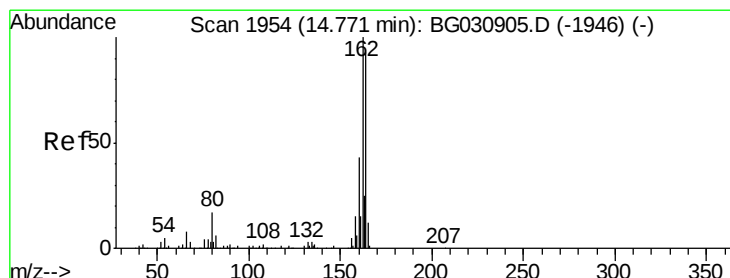
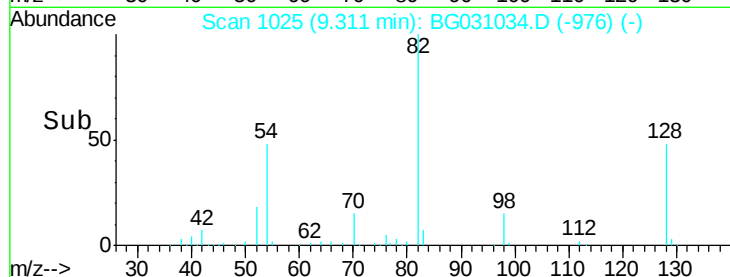
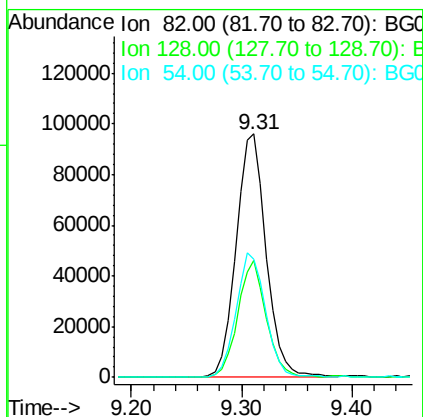
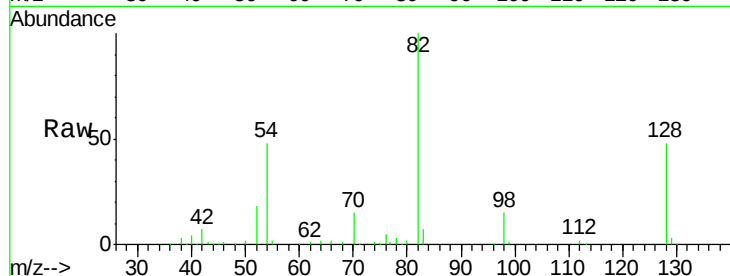




#23
 Nitrobenzene-d5
 Concen: 89.947 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031034.D
 Acq: 16 Nov 2017 5:02

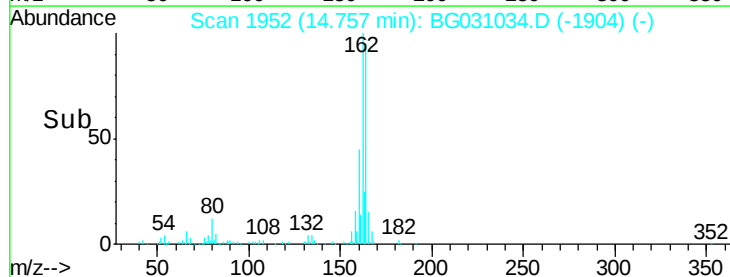
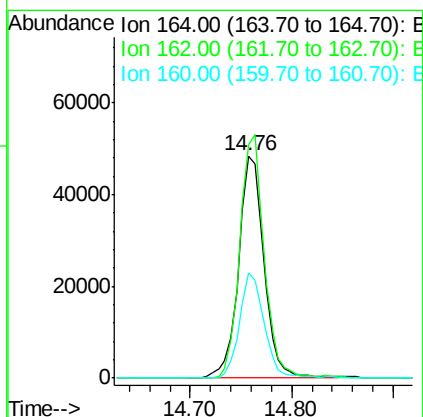
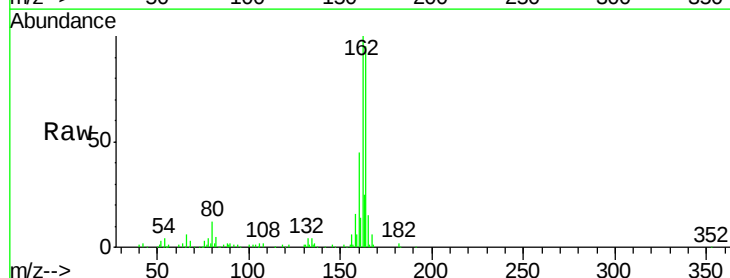
Instrument :
 BNA_G
 ClientSampleId :
 SP-1-B

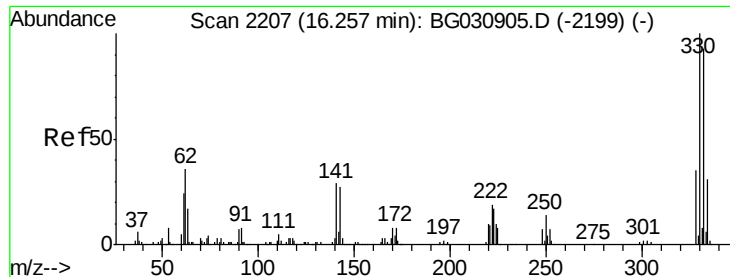
Tgt Ion: 82 Resp: 183530
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 48.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031034.D
 Acq: 16 Nov 2017 5:02

Tgt Ion: 164 Resp: 84918
 Ion Ratio Lower Upper
 164 100
 162 104.9 78.8 118.2
 160 47.3 35.4 53.0

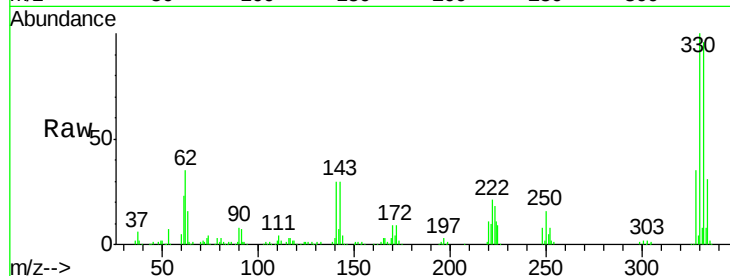




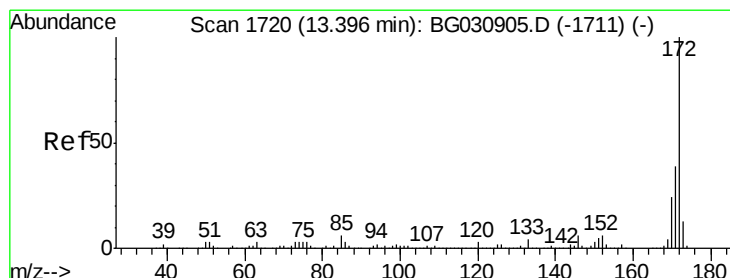
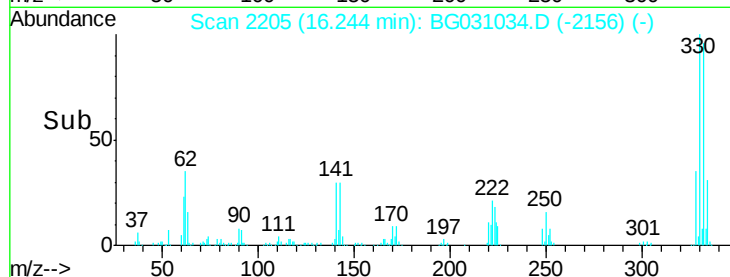
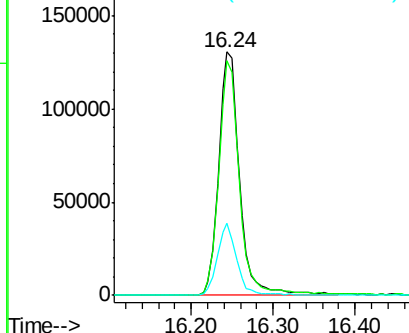
#41
 2,4,6-Tribromophenol
 Concen: 168.916 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031034.D
 Acq: 16 Nov 2017 5:02

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	27.6	25.2	37.8

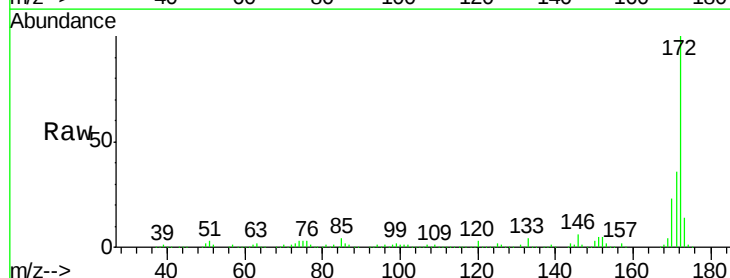


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

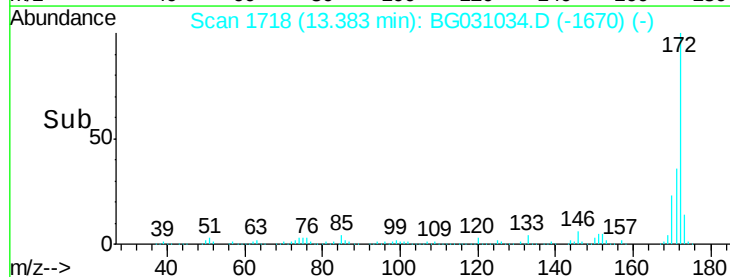
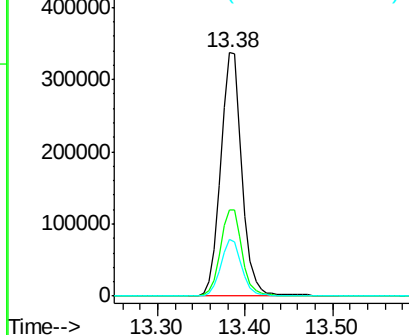


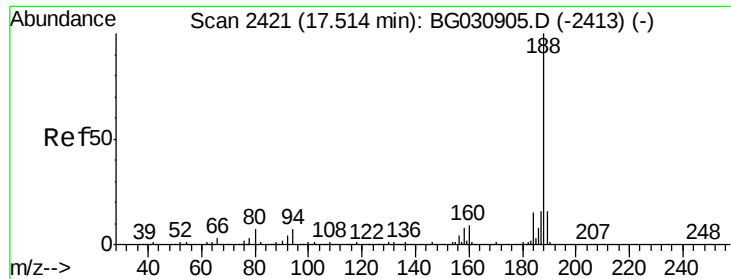
#44
 2-Fluorobiphenyl
 Concen: 96.510 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031034.D
 Acq: 16 Nov 2017 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.1	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

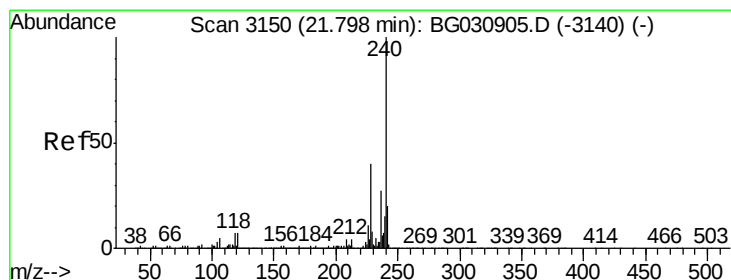
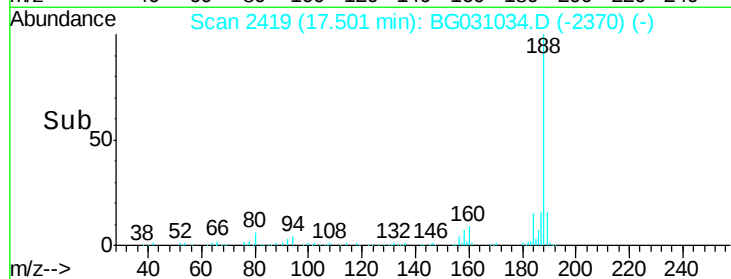
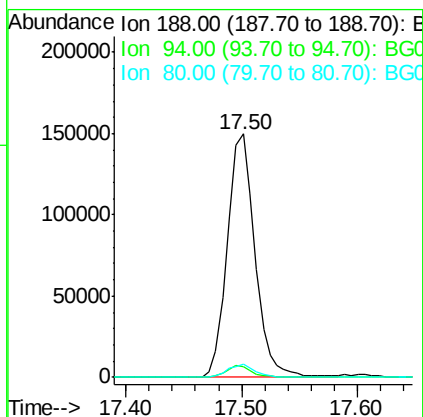
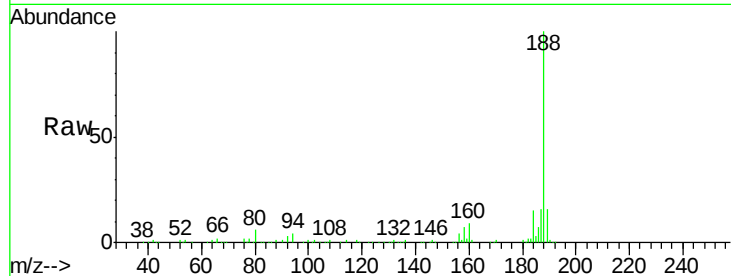




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031034.D
Acq: 16 Nov 2017 5:02

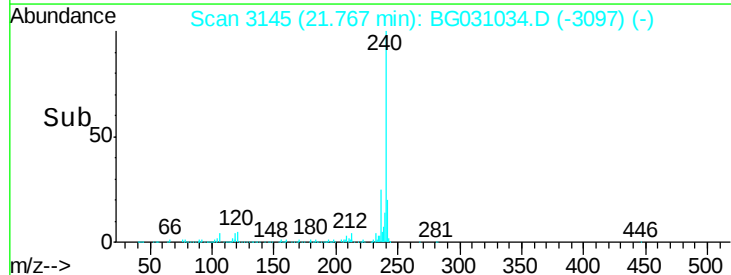
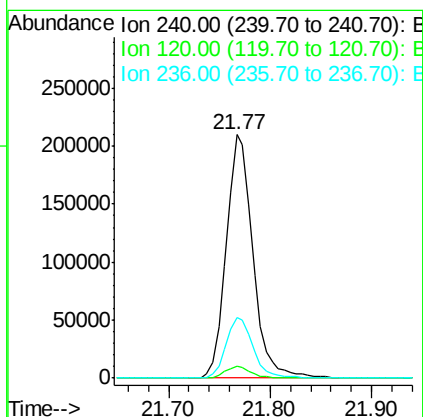
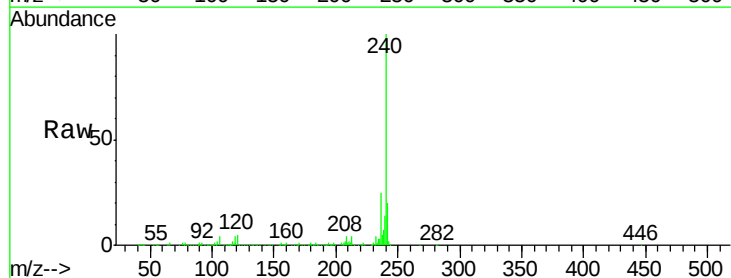
Instrument :
BNA_G
ClientSampleId :
SP-1-B

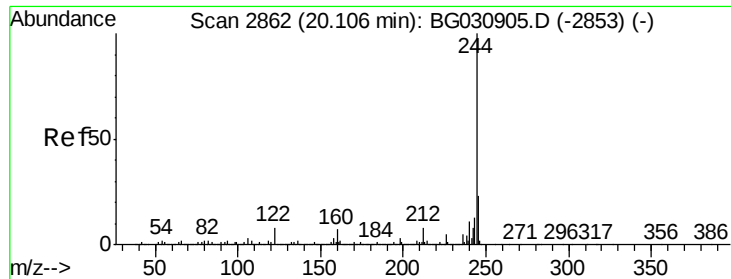
Tgt Ion:188 Resp: 249460
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 5.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031034.D
Acq: 16 Nov 2017 5:02

Tgt Ion:240 Resp: 382069
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 24.8 20.9 31.3





#78

Terphenyl-d14

Concen: 84.519 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031034.D

Acq: 16 Nov 2017 5:02

Instrument :

BNA_G

ClientSampleId :

SP-1-B

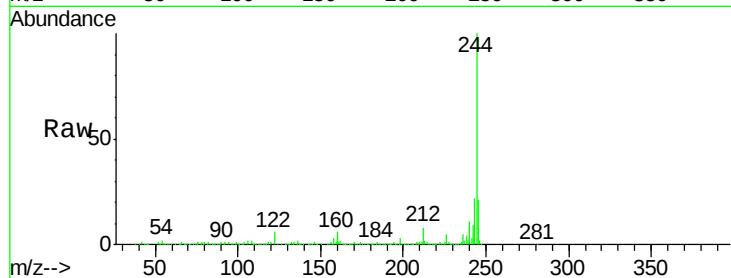
Tgt Ion:244 Resp: 1462439

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

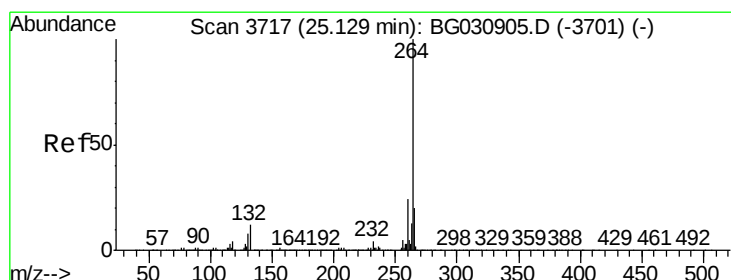
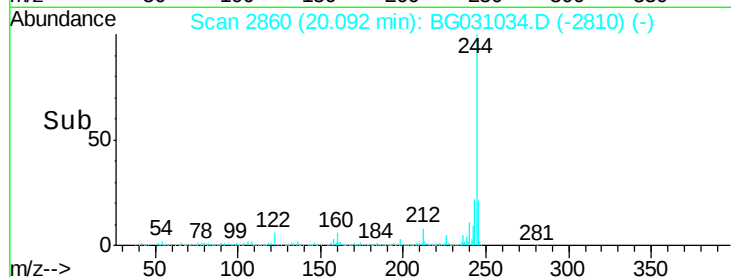
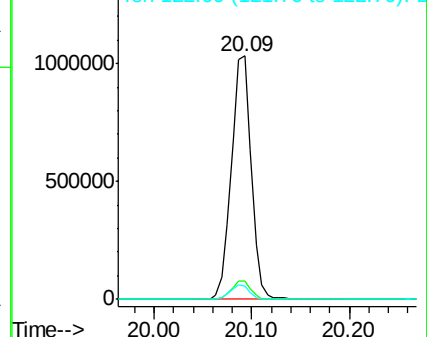
122 5.6 7.0 10.4#



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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031034.D

Acq: 16 Nov 2017 5:02

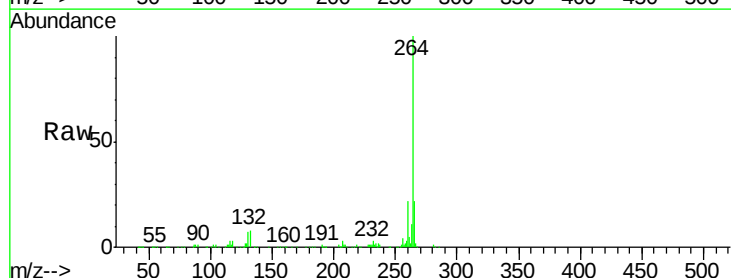
Tgt Ion:264 Resp: 376708

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.9 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

