

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031435.D
 Acq On : 9 Dec 2017 1:36
 Operator : SJ/JU
 Sample : I6725-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-SW03

Quant Time: Dec 09 03:07:48 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55617	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	225285	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	140045	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	372343	20.00	ng	0.00
75) Chrysene-d12	21.76	240	441248	20.00	ng	0.00
86) Perylene-d12	25.07	264	415975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	427602	131.84	ng	0.00
7) Phenol-d6	7.29	99	522011	119.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	372917	98.09	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	246244	108.69	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	963564	98.86	ng	0.00
78) Terphenyl-d14	20.08	244	1848278	92.49	ng	0.00

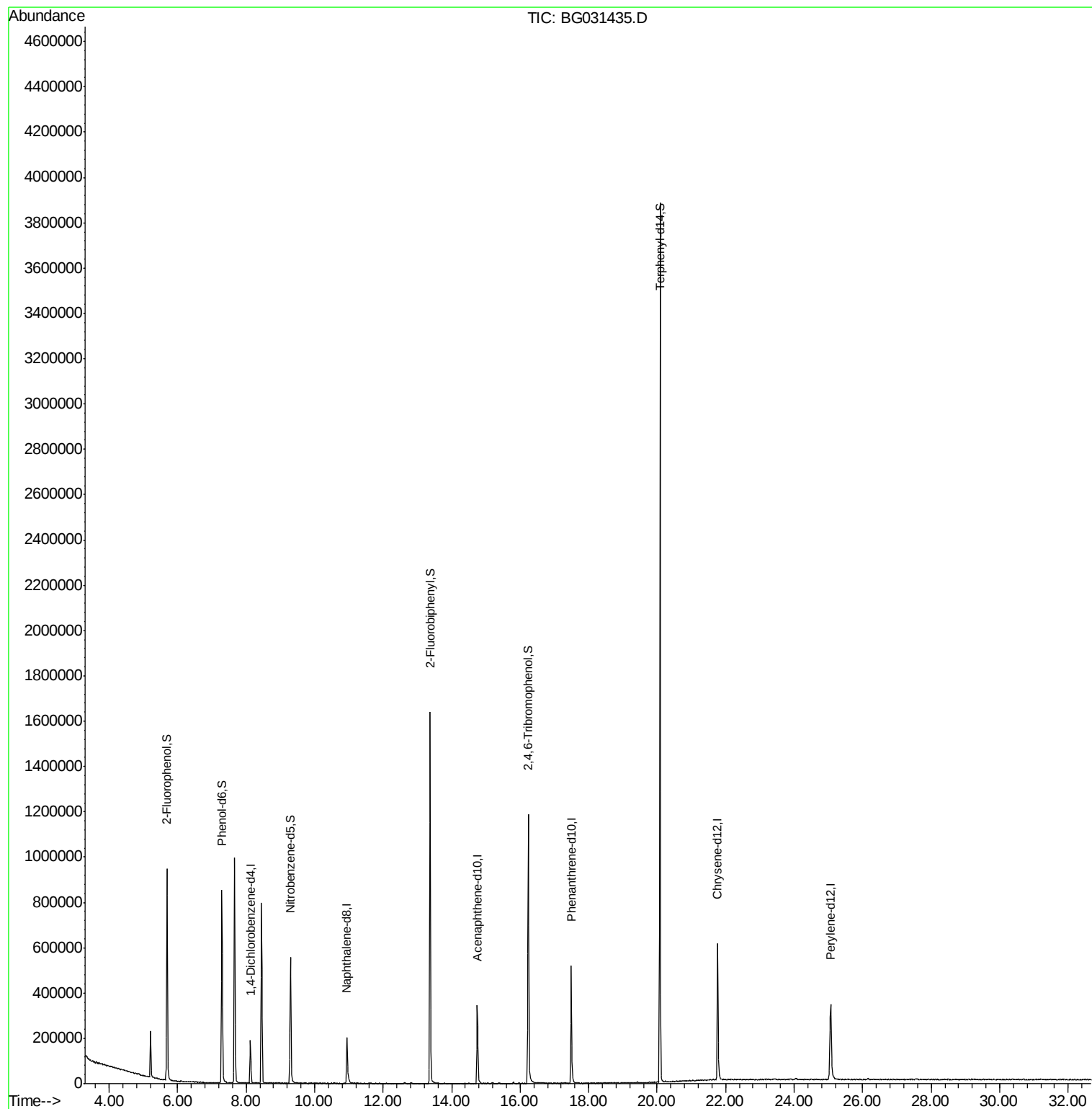
Target Compounds	Qvalue
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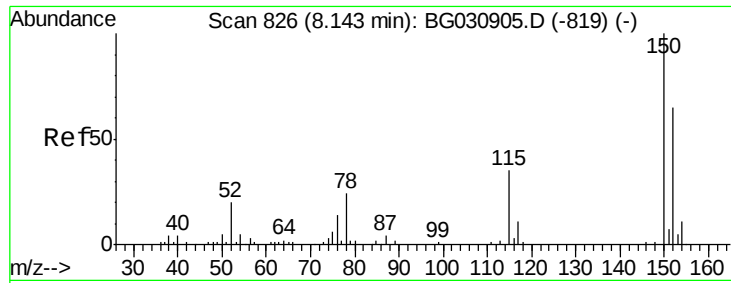
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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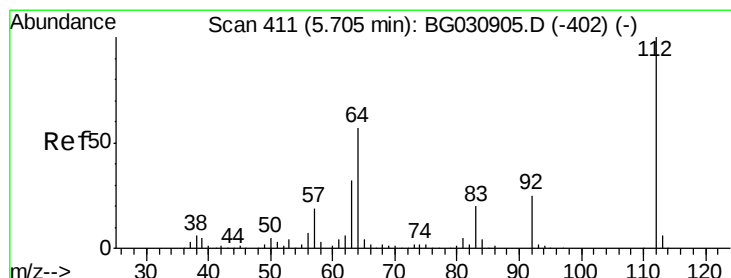
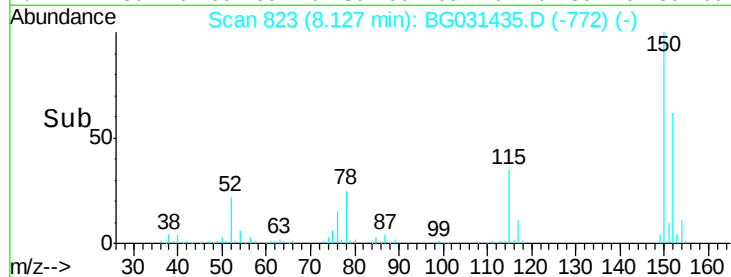
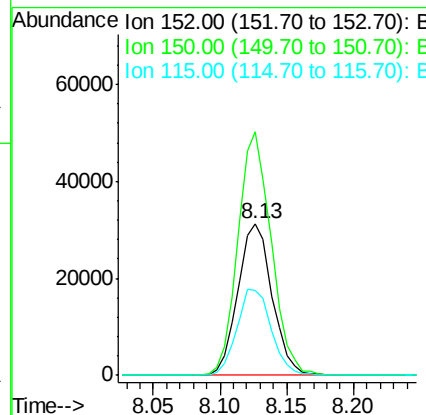
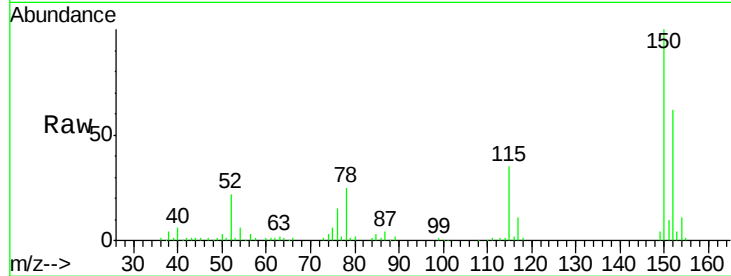


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031435.D
Acq: 9 Dec 2017 1:36

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW03

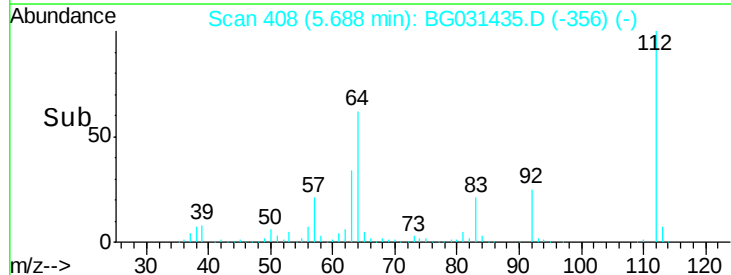
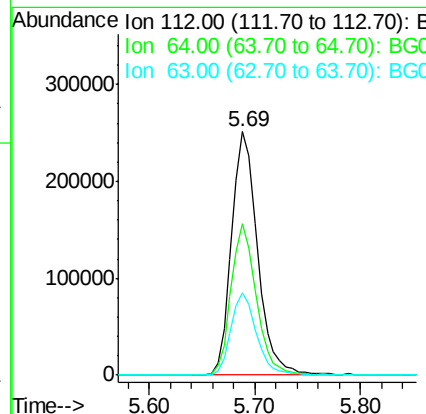
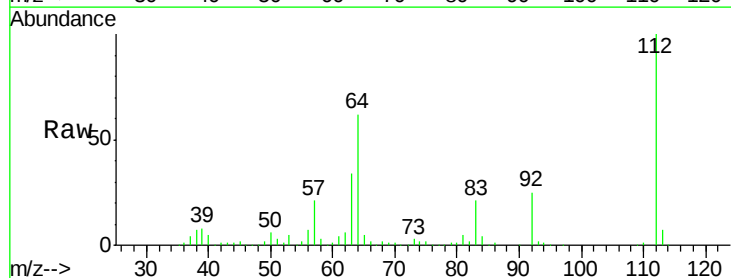
Tgt Ion:152 Resp: 55617
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 55.6 53.0 79.4

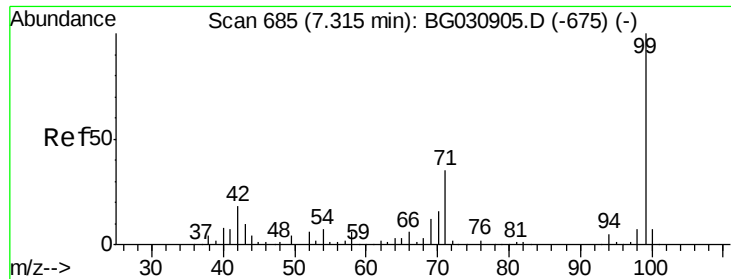


#5

2-Fluorophenol
Concen: 131.836 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031435.D
Acq: 9 Dec 2017 1:36

Tgt Ion:112 Resp: 427602
Ion Ratio Lower Upper
112 100
64 62.2 56.3 84.5
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 119.464 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG031435.D

Acq: 9 Dec 2017 1:36

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-SW03

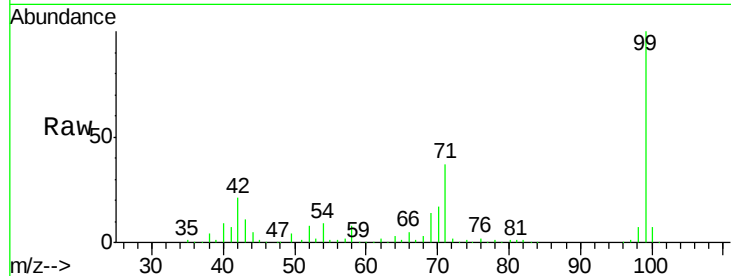
Tgt Ion: 99 Resp: 522011

Ion Ratio Lower Upper

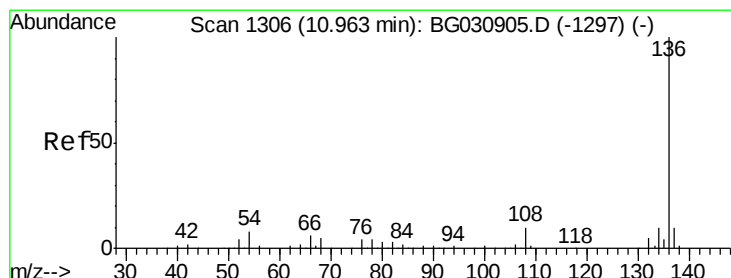
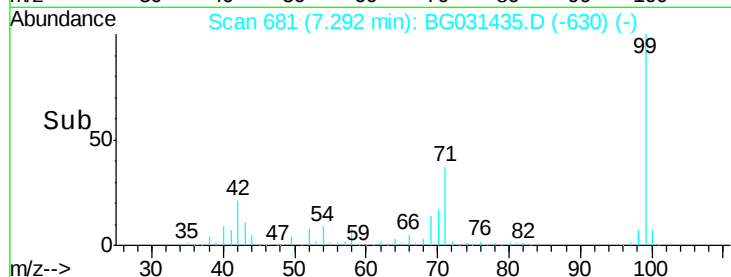
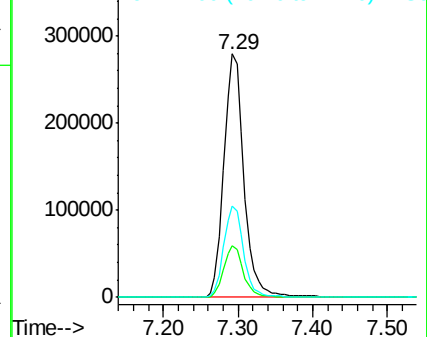
99 100

42 21.4 14.1 21.1#

71 37.4 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031435.D

Acq: 9 Dec 2017 1:36

Tgt Ion: 136 Resp: 225285

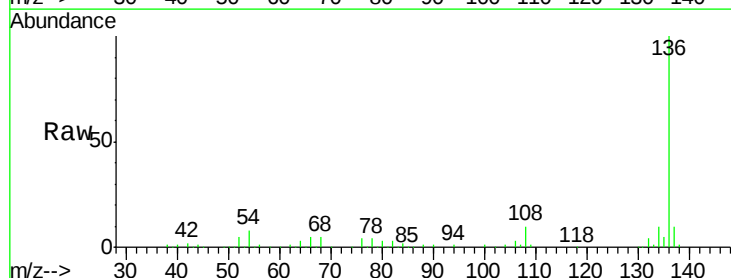
Ion Ratio Lower Upper

136 100

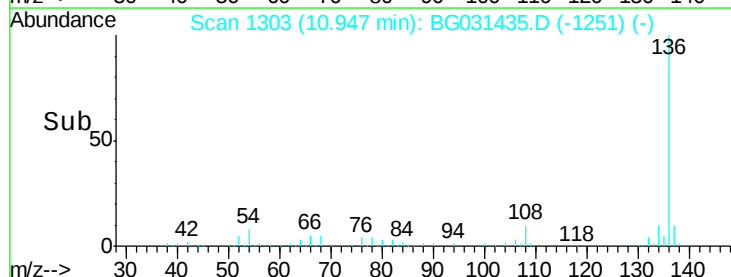
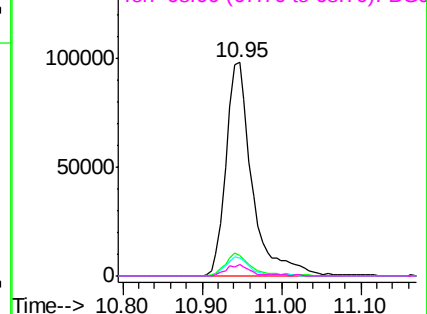
137 9.7 9.2 13.8

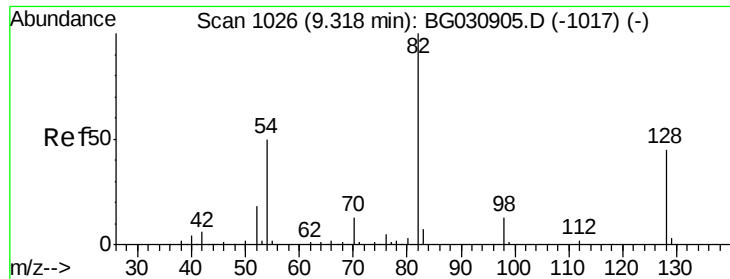
54 8.1 10.3 15.5#

68 5.3 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

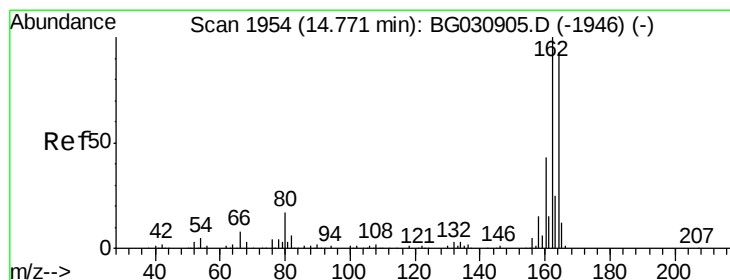
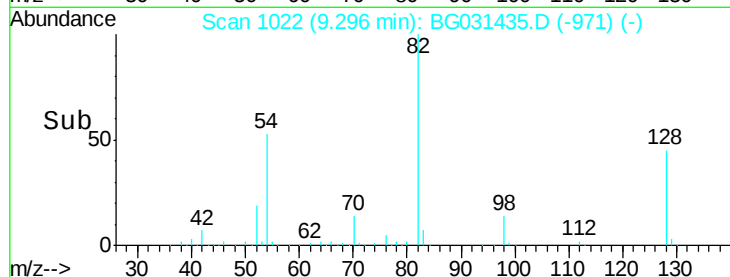
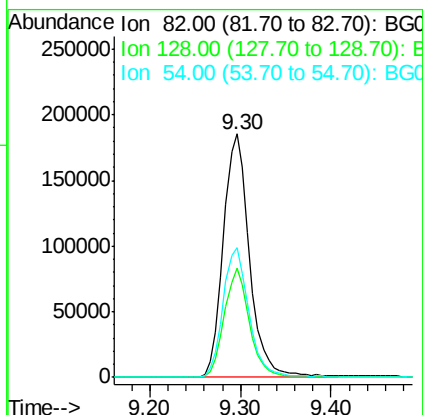
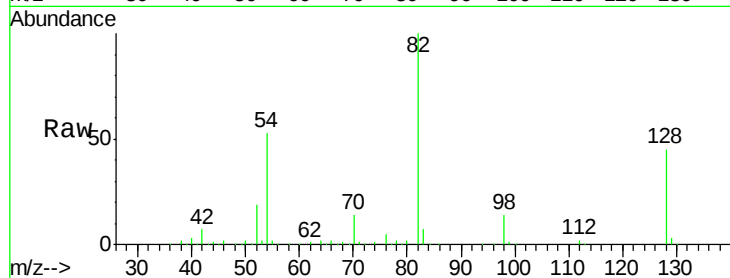




#23
 Nitrobenzene-d5
 Concen: 98.088 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031435.D
 Acq: 9 Dec 2017 1:36

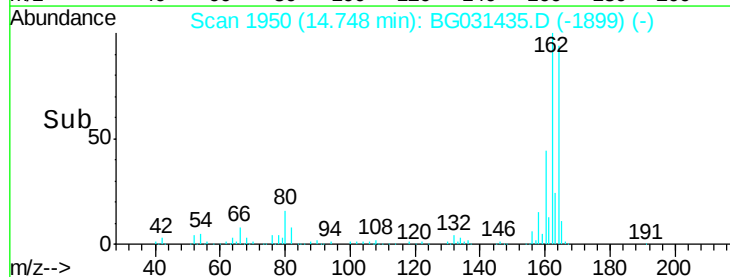
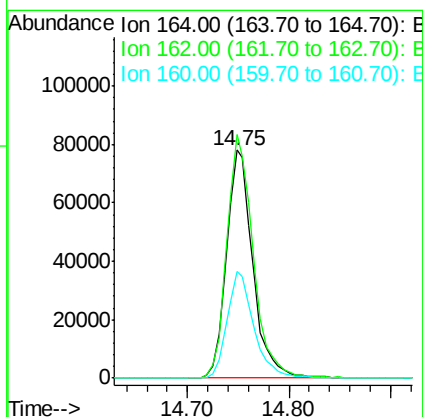
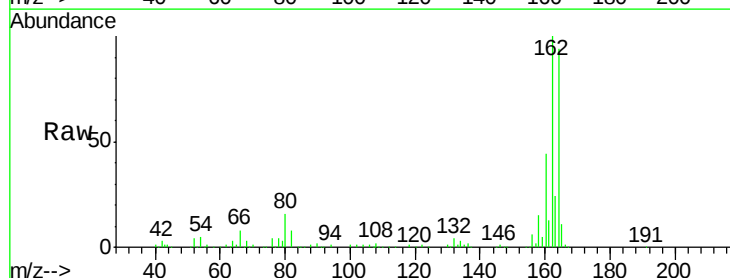
Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-SW03

Tgt Ion: 82 Resp: 372917
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 53.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BG031435.D
 Acq: 9 Dec 2017 1:36

Tgt Ion: 164 Resp: 140045
 Ion Ratio Lower Upper
 164 100
 162 106.8 78.8 118.2
 160 46.8 35.4 53.0

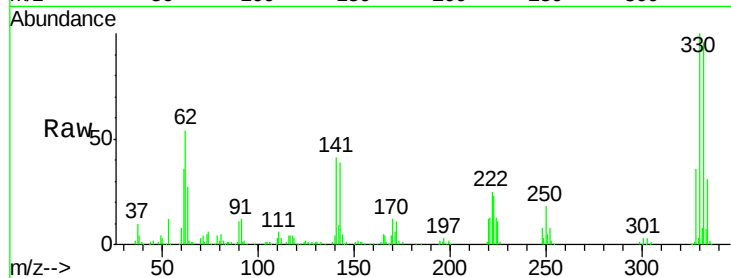




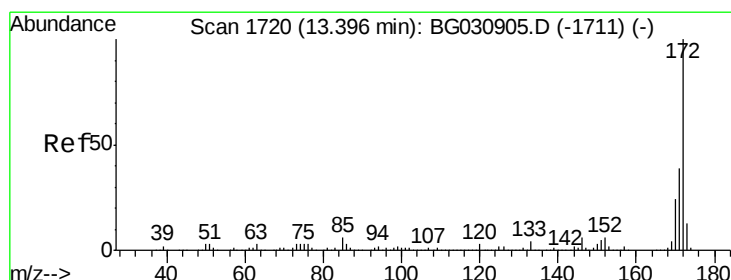
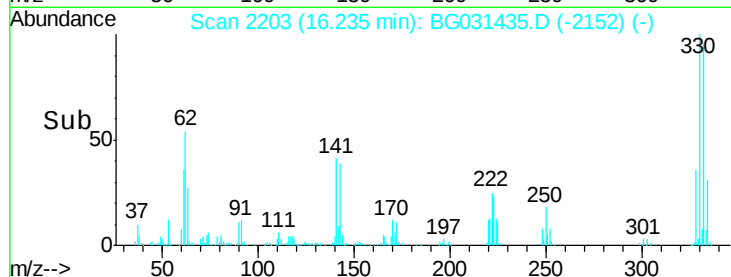
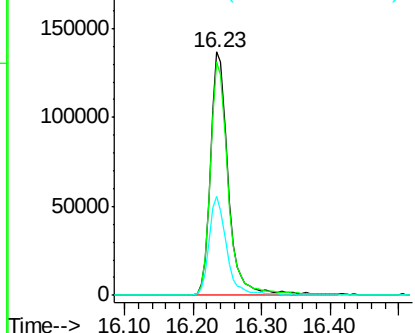
#41
 2,4,6-Tribromophenol
 Concen: 108.694 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG031435.D
 Acq: 9 Dec 2017 1:36

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-SW03

Tgt Ion:330 Resp: 246244
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 40.0 25.2 37.8#

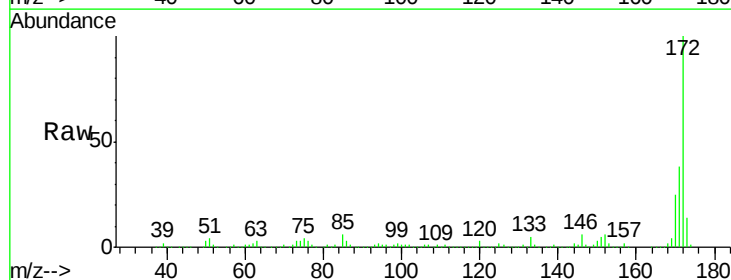


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

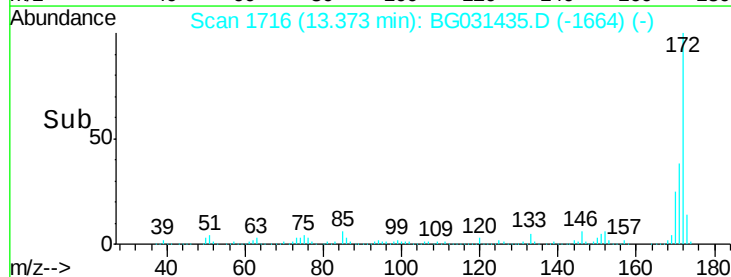
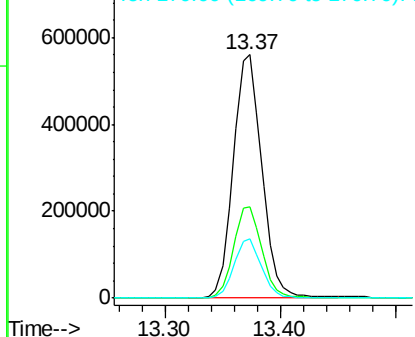


#44
 2-Fluorobiphenyl
 Concen: 98.864 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031435.D
 Acq: 9 Dec 2017 1:36

Tgt Ion:172 Resp: 963564
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.5 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

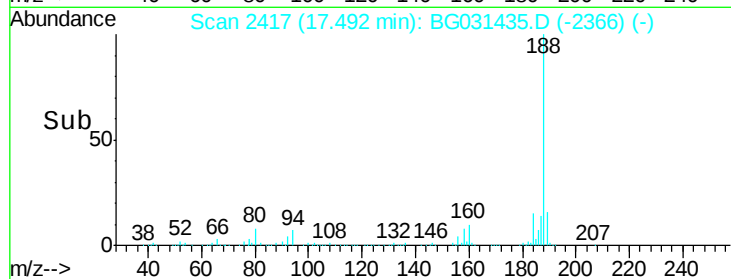
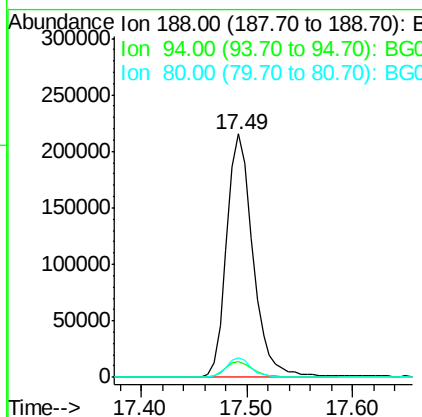
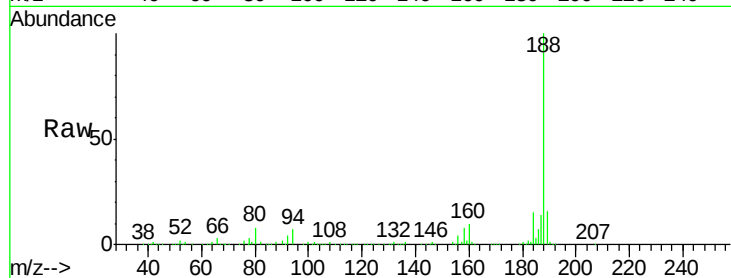




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031435.D
Acq: 9 Dec 2017 1:36

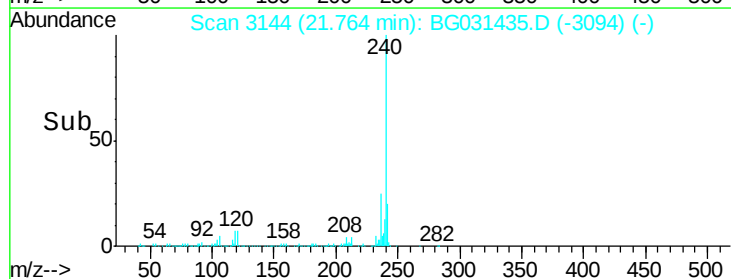
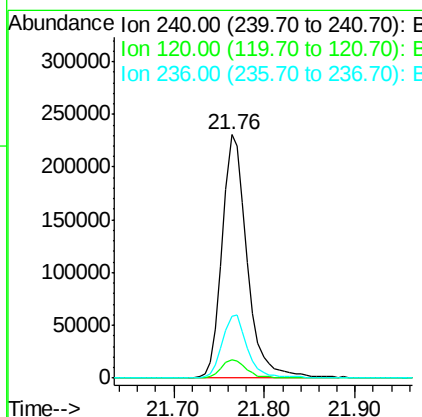
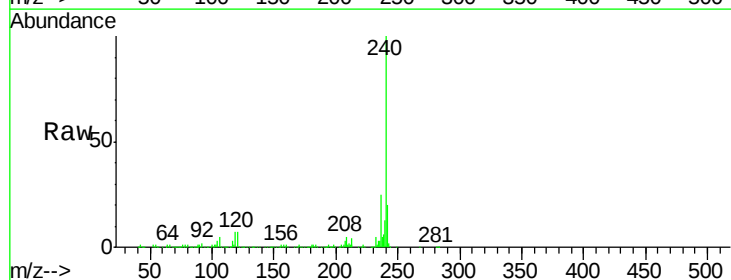
Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW03

Tgt Ion:188 Resp: 372343
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031435.D
Acq: 9 Dec 2017 1:36

Tgt Ion:240 Resp: 441248
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 92.491 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031435.D

Acq: 9 Dec 2017 1:36

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-SW03

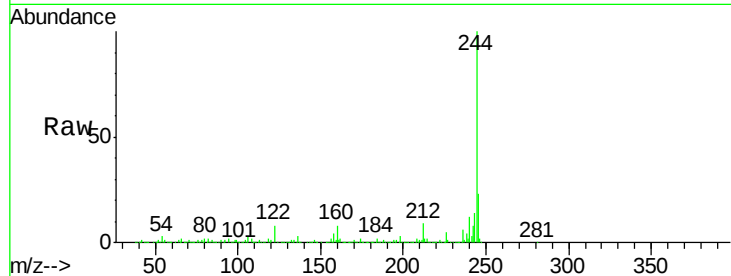
Tgt Ion:244 Resp: 1848278

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

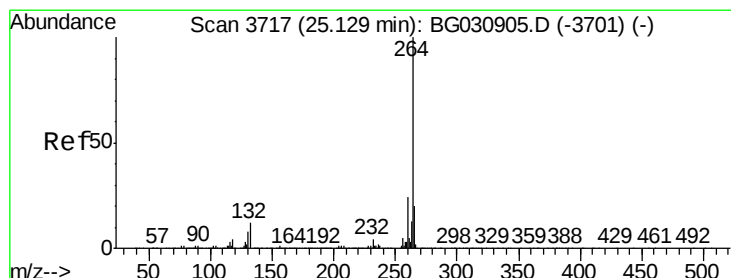
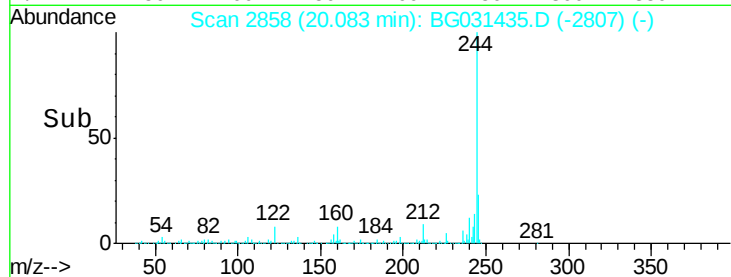
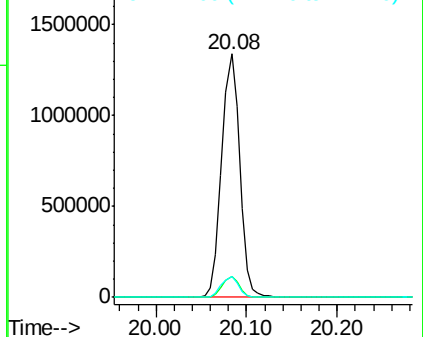
122 8.4 7.0 10.4



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# 3706

Delta R.T. -0.00 min

Lab File: BG031435.D

Acq: 9 Dec 2017 1:36

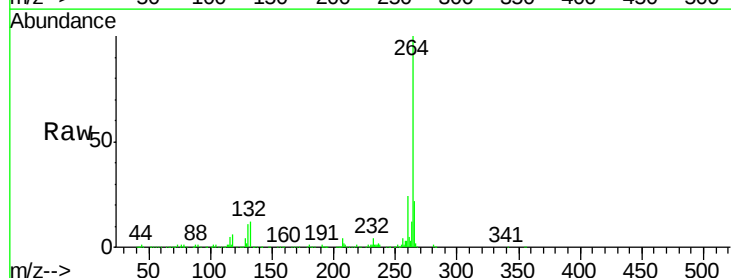
Tgt Ion:264 Resp: 415975

Ion Ratio Lower Upper

264 100

260 24.0 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

