

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073015\
 Data File : BG018177.D
 Acq On : 30 Jul 2015 16:05
 Operator : TP/UM
 Sample : G2973-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB

Quant Time: Jul 30 17:56:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	69292	20.00	ng	-0.09
21) Naphthalene-d8	10.28	136	320069	20.00	ng	-0.09
38) Acenaphthene-d10	14.17	164	229177	20.00	ng	-0.08
63) Phenanthrene-d10	16.93	188	553481	20.00	ng	-0.07
75) Chrysene-d12	21.13	240	541109	20.00	ng	-0.07
86) Perylene-d12	23.31	264	415051	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	241702	60.85	ng	-0.08
7) Phenol-d6	6.69	99	299990	57.65	ng	-0.07
23) Nitrobenzene-d5	8.65	82	202687	41.02	ng	-0.09
41) 2,4,6-Tribromophenol	15.67	330	272520	117.37	ng	-0.07
44) 2-Fluorobiphenyl	12.78	172	665201	50.30	ng	-0.08
78) Terphenyl-d14	19.58	244	1295925	60.33	ng	-0.07

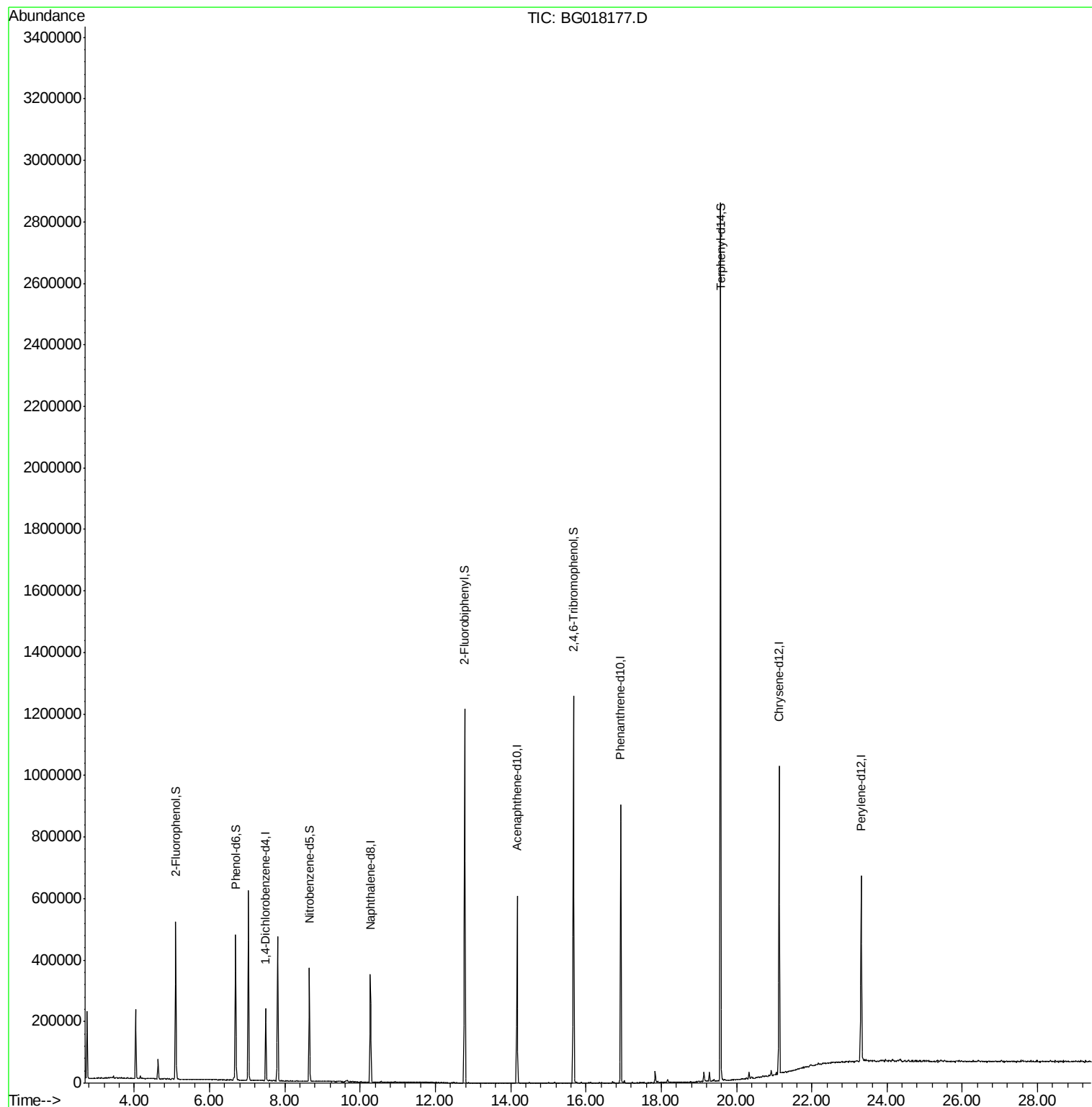
Target Compounds	Qvalue
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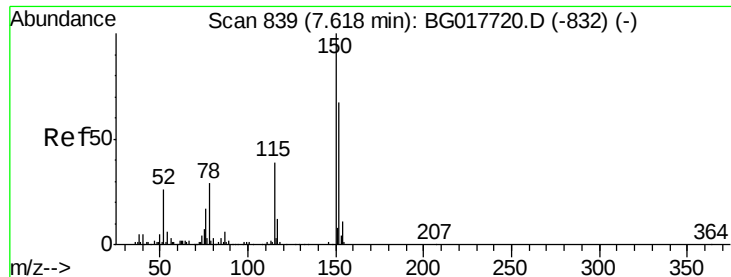
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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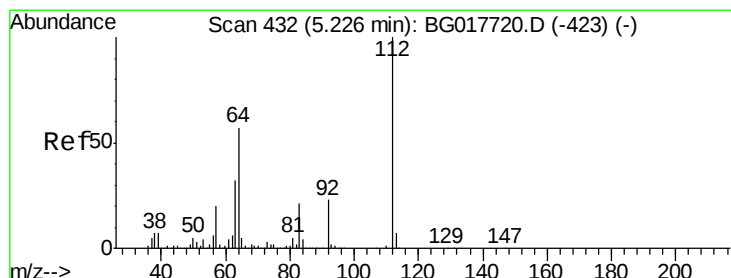
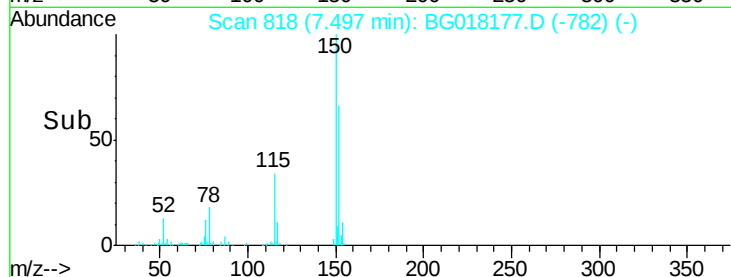
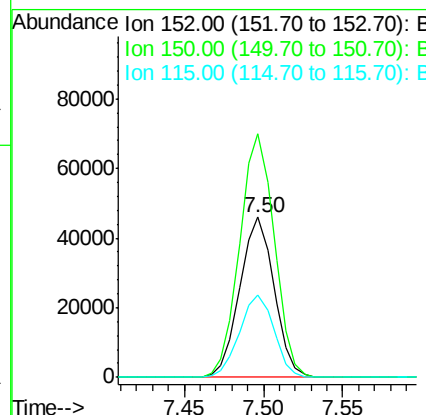
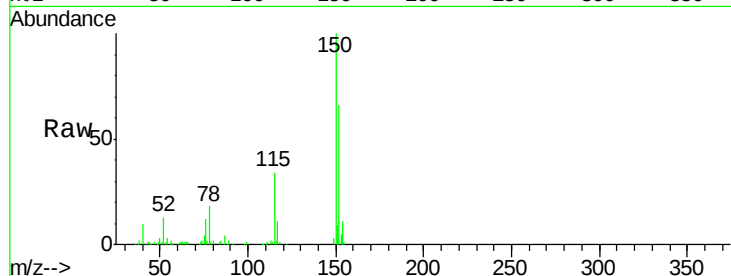


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 818
Delta R.T. -0.09 min
Lab File: BG018177.D
Acq: 30 Jul 2015 16:05

Instrument :
BNA_G
ClientSampleId :
FB

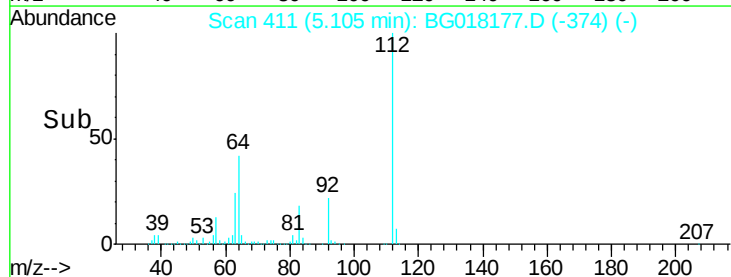
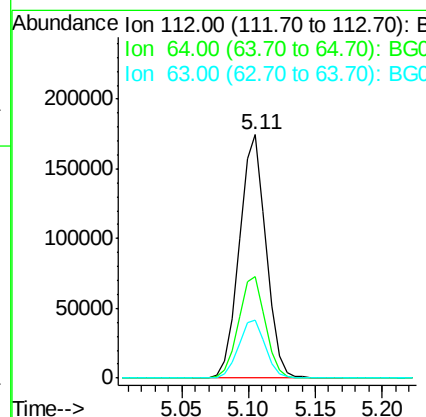
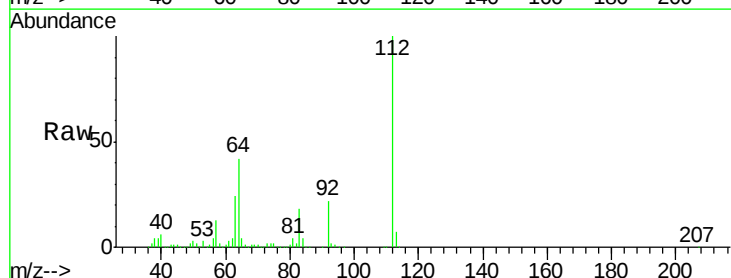
Tgt Ion:152 Resp: 69292
Ion Ratio Lower Upper
152 100
150 151.8 119.1 178.7
115 51.1 47.0 70.4

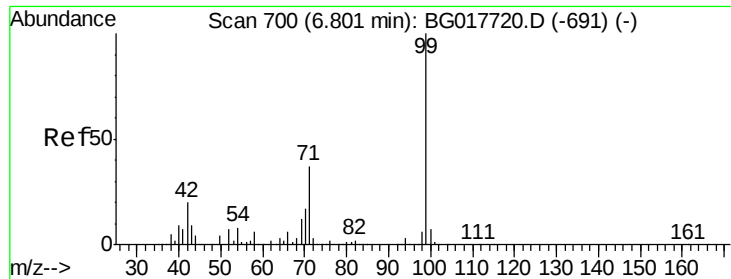


#5

2-Fluorophenol
Concen: 60.85 ng
RT: 5.11 min Scan# 411
Delta R.T. -0.08 min
Lab File: BG018177.D
Acq: 30 Jul 2015 16:05

Tgt Ion:112 Resp: 241702
Ion Ratio Lower Upper
112 100
64 41.9 45.4 68.0#
63 23.9 25.3 37.9#





#7

Phenol-d6

Concen: 57.65 ng

RT: 6.69 min Scan# 681

Delta R.T. -0.07 min

Lab File: BG018177.D

Acq: 30 Jul 2015 16:05

Instrument :

BNA_G

ClientSampleId :

FB

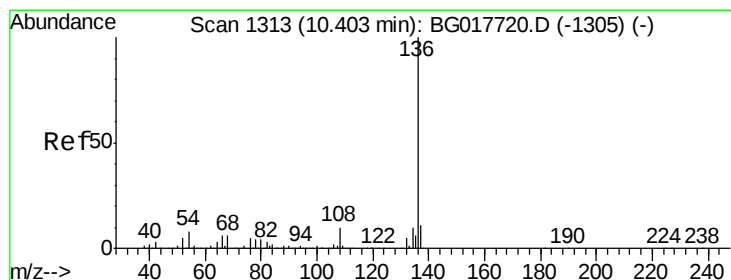
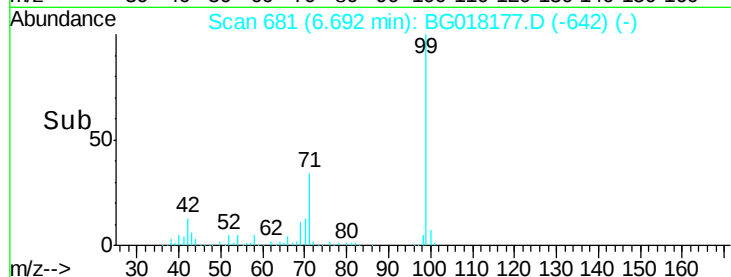
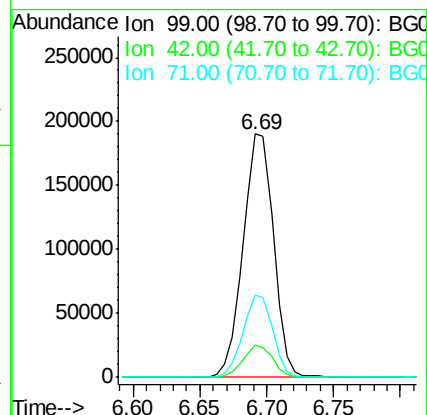
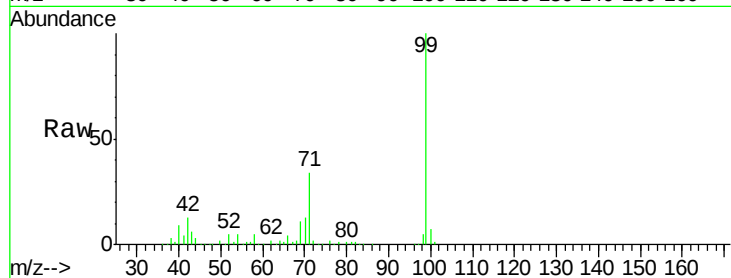
Tgt Ion: 99 Resp: 299990

Ion Ratio Lower Upper

99 100

42 13.3 16.2 24.4#

71 33.8 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.28 min Scan# 1291

Delta R.T. -0.09 min

Lab File: BG018177.D

Acq: 30 Jul 2015 16:05

Tgt Ion: 136 Resp: 320069

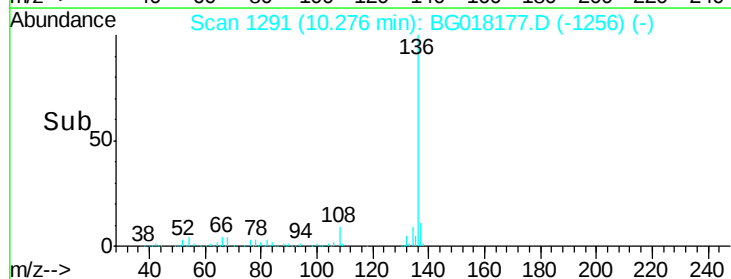
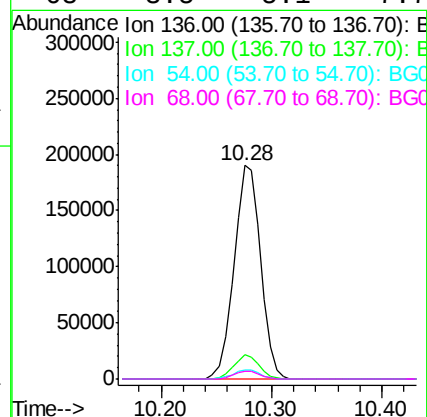
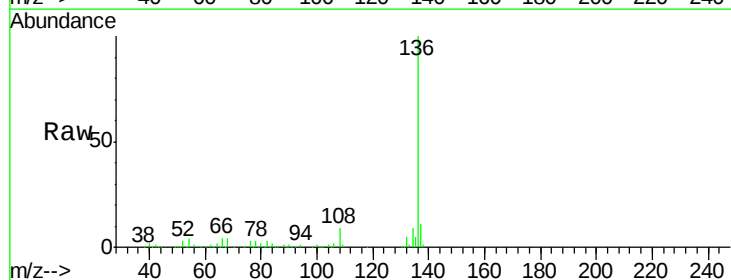
Ion Ratio Lower Upper

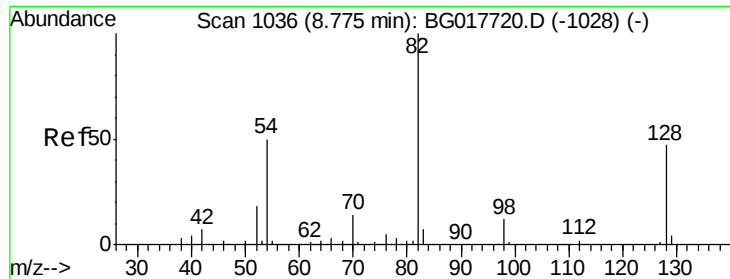
136 100

137 11.3 8.8 13.2

54 4.1 6.6 9.8#

68 3.5 5.1 7.7#

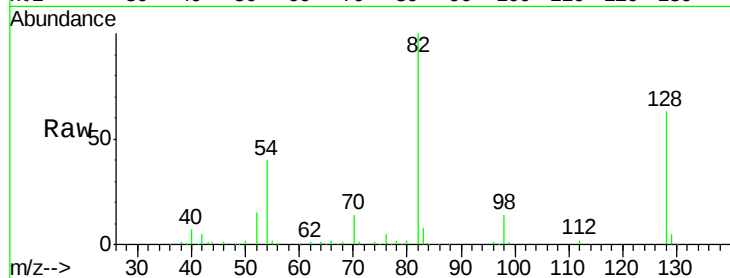




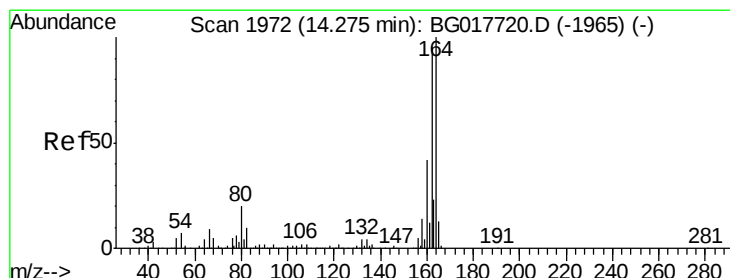
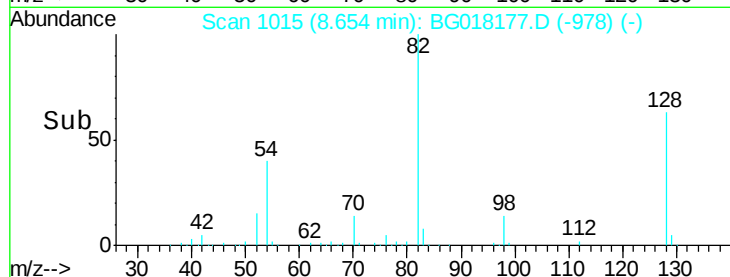
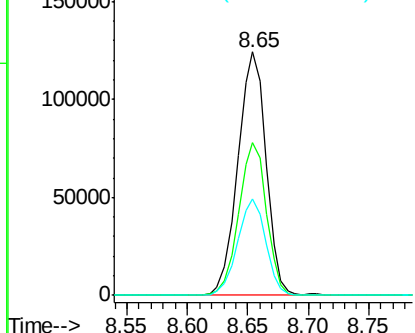
#23
 Nitrobenzene-d5
 Concen: 41.02 ng
 RT: 8.65 min Scan# 1015
 Delta R.T. -0.09 min
 Lab File: BG018177.D
 Acq: 30 Jul 2015 16:05

Instrument :
 BNA_G
 ClientSampleId :
 FB

Tgt Ion: 82 Resp: 202687
 Ion Ratio Lower Upper
 82 100
 128 62.7 37.8 56.6#
 54 39.7 39.9 59.9#

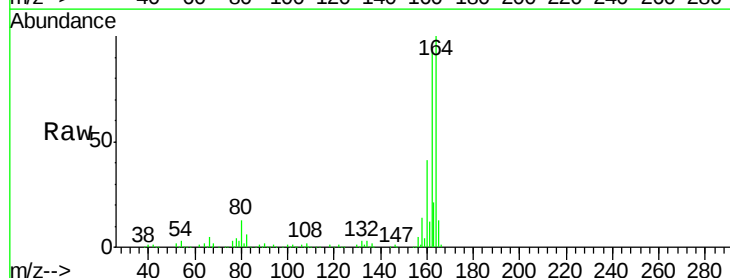


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

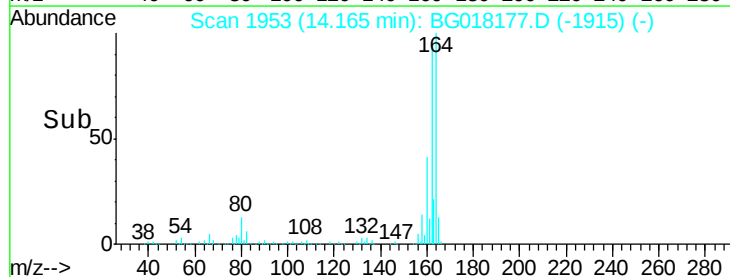
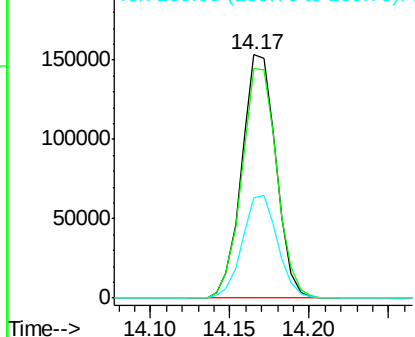


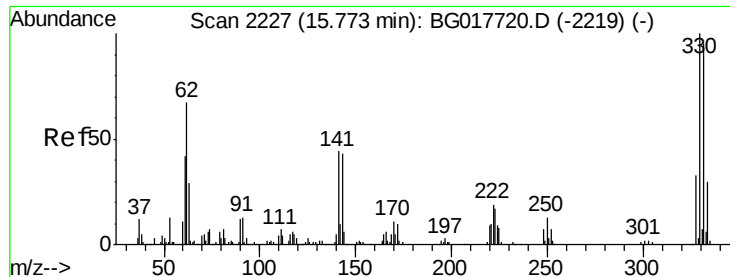
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.17 min Scan# 1953
 Delta R.T. -0.08 min
 Lab File: BG018177.D
 Acq: 30 Jul 2015 16:05

Tgt Ion: 164 Resp: 229177
 Ion Ratio Lower Upper
 164 100
 162 94.1 76.3 114.5
 160 41.3 33.7 50.5



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

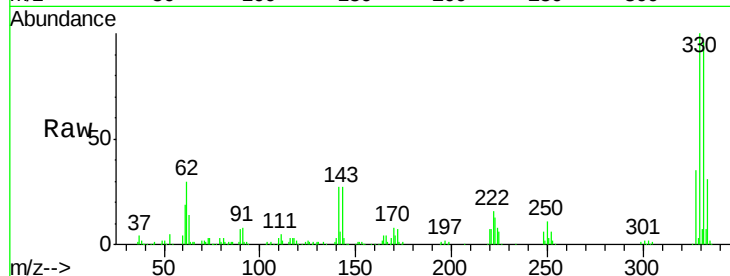




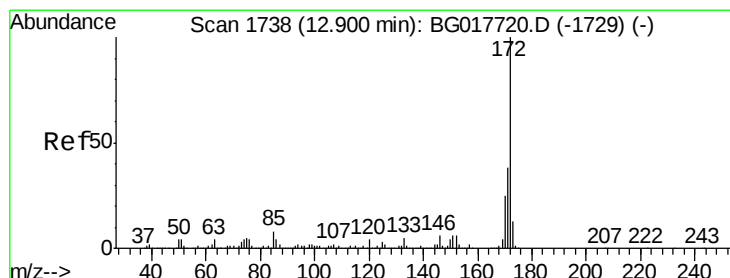
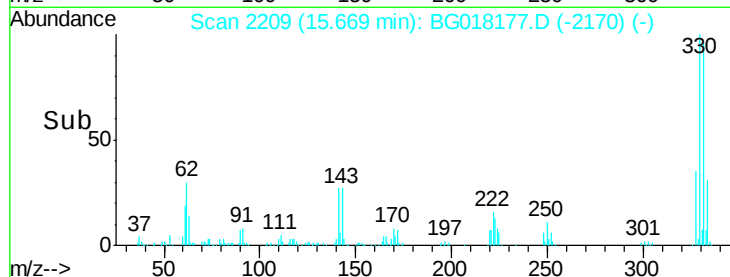
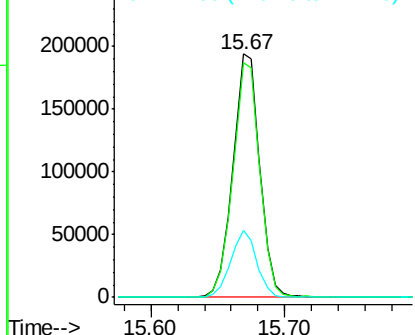
#41
 2,4,6-Tribromophenol
 Concen: 117.37 ng
 RT: 15.67 min Scan# 2209
 Delta R.T. -0.07 min
 Lab File: BG018177.D
 Acq: 30 Jul 2015 16:05

Instrument :
 BNA_G
 ClientSampleID :
 FB

Tgt Ion:330 Resp: 272520
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 26.8 38.0 57.0#

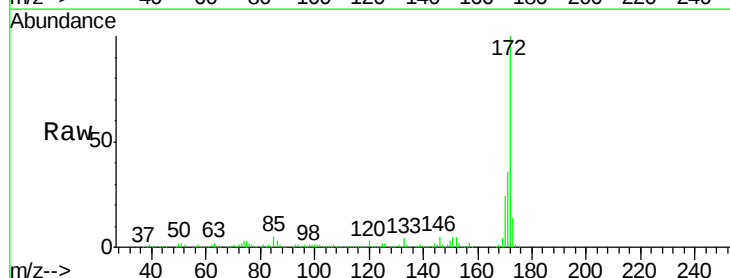


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

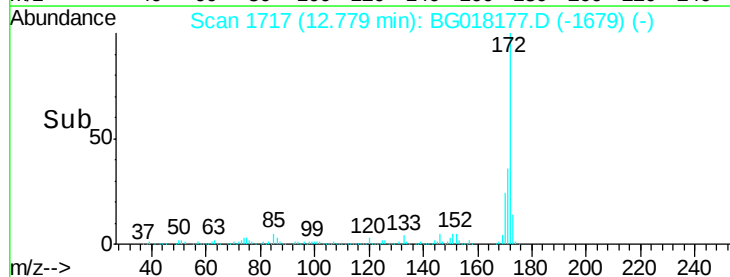
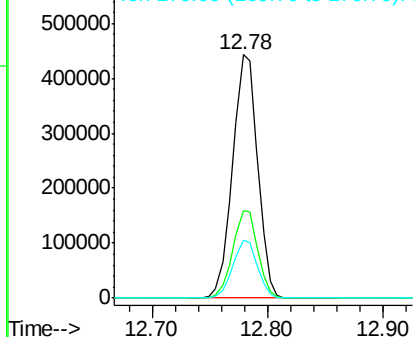


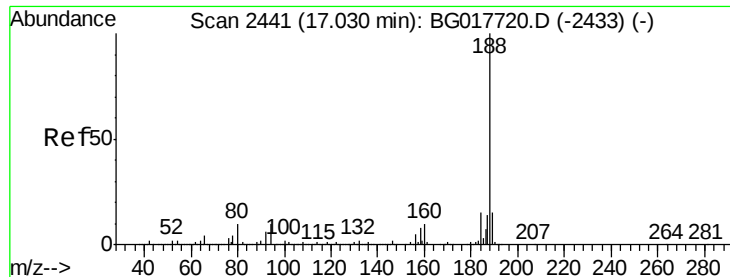
#44
 2-Fluorobiphenyl
 Concen: 50.30 ng
 RT: 12.78 min Scan# 1717
 Delta R.T. -0.08 min
 Lab File: BG018177.D
 Acq: 30 Jul 2015 16:05

Tgt Ion:172 Resp: 665201
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.7 46.1
 170 23.6 19.7 29.5



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

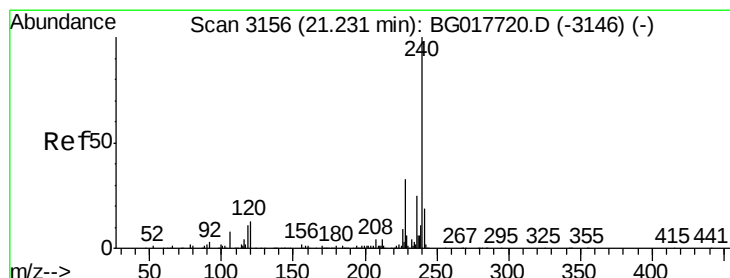
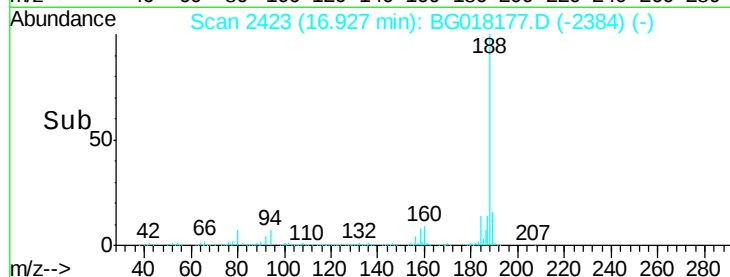
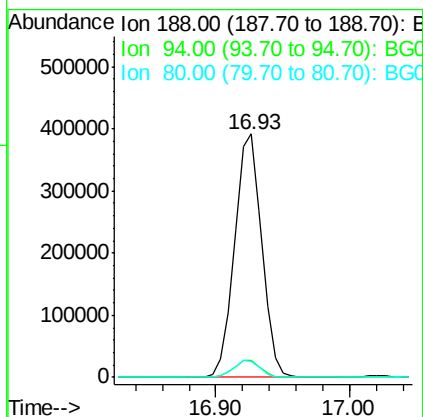
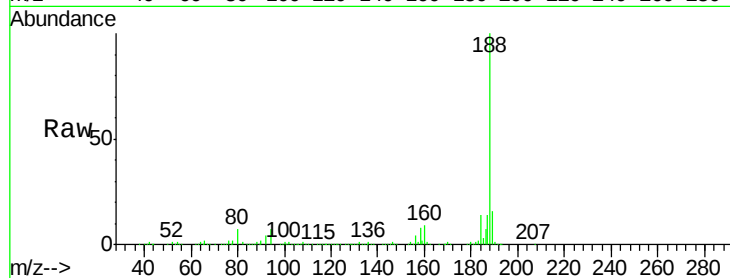




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.93 min Scan# 2423
Delta R.T. -0.07 min
Lab File: BG018177.D
Acq: 30 Jul 2015 16:05

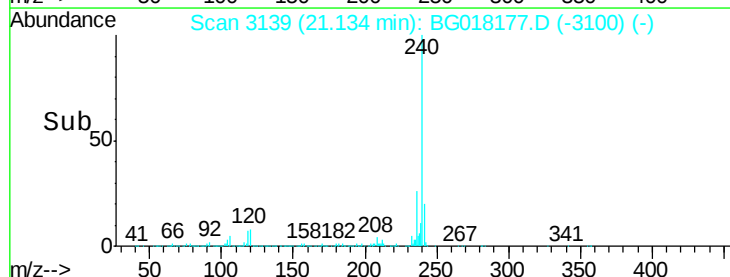
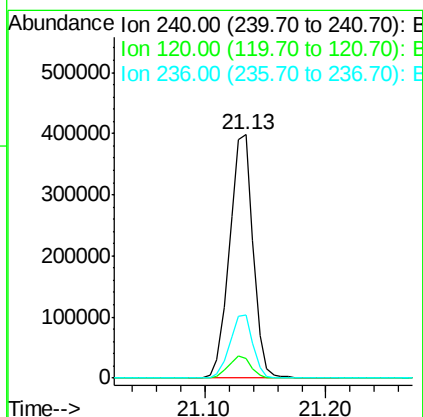
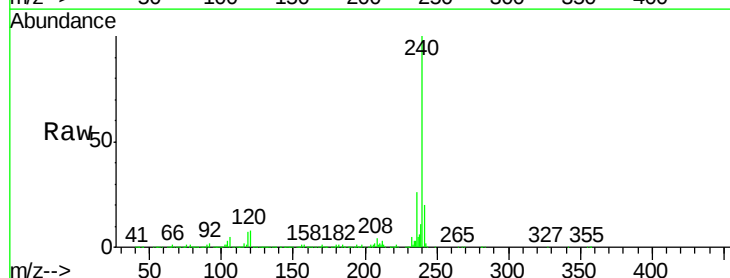
Instrument :
BNA_G
ClientSampleId :
FB

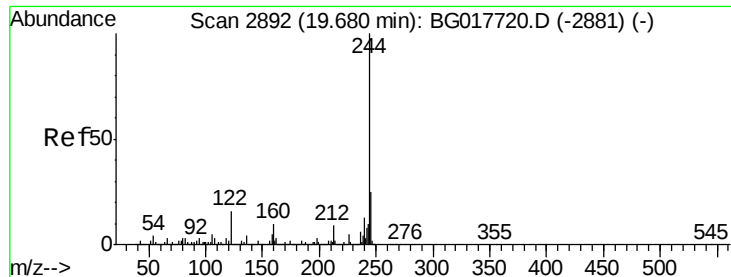
Tgt Ion:188 Resp: 553481
Ion Ratio Lower Upper
188 100
94 6.9 8.2 12.2#
80 6.5 8.2 12.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 3139
Delta R.T. -0.07 min
Lab File: BG018177.D
Acq: 30 Jul 2015 16:05

Tgt Ion:240 Resp: 541109
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 25.8 20.0 30.0





#78

Terphenyl-d14

Concen: 60.33 ng

RT: 19.58 min Scan# 2874

Delta R.T. -0.07 min

Lab File: BG018177.D

Acq: 30 Jul 2015 16:05

Instrument :

BNA_G

ClientSampleId :

FB

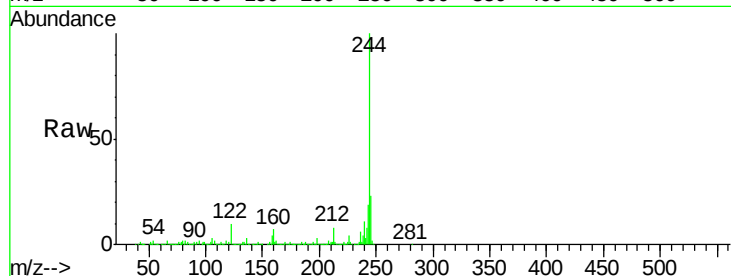
Tgt Ion:244 Resp: 1295925

Ion Ratio Lower Upper

244 100

212 7.6 7.2 10.8

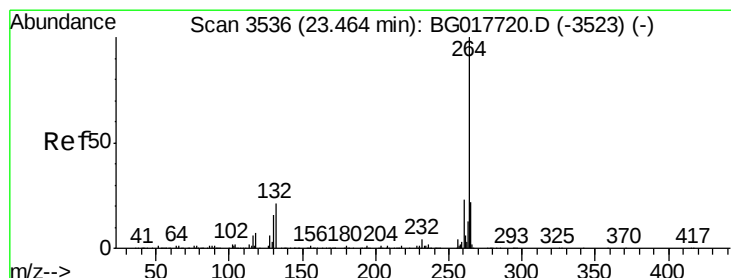
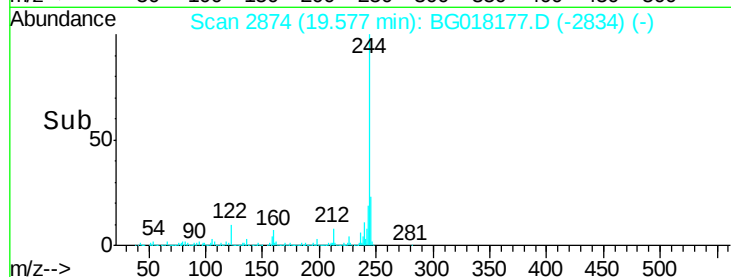
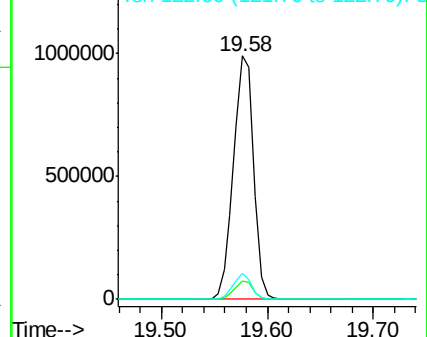
122 10.5 12.8 19.2#



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: 20.00 ng

RT: 23.31 min Scan# 3510

Delta R.T. -0.10 min

Lab File: BG018177.D

Acq: 30 Jul 2015 16:05

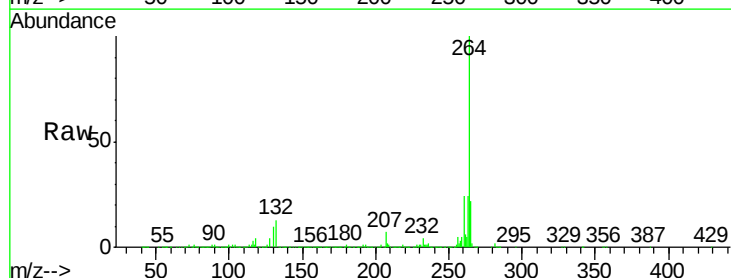
Tgt Ion:264 Resp: 415051

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.5 18.2 27.2



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

