

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015955.D
 Acq On : 27 Jan 2015 21:24
 Operator : TP/IZ
 Sample : G1136-16
 Misc : W
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-05

Quant Time: Jan 28 02:42:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	72936	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	263756	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	233095	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	646142	20.00	ng	0.00
75) Chrysene-d12	21.27	240	959154	20.00	ng	0.00
86) Perylene-d12	23.52	264	852773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	573090	117.01	ng	0.00
7) Phenol-d6	6.87	99	839852	106.41	ng	0.00
23) Nitrobenzene-d5	8.84	82	783100	85.58	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	574323	134.59	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1482413	99.78	ng	0.00
78) Terphenyl-d14	19.71	244	3156958	99.82	ng	0.00

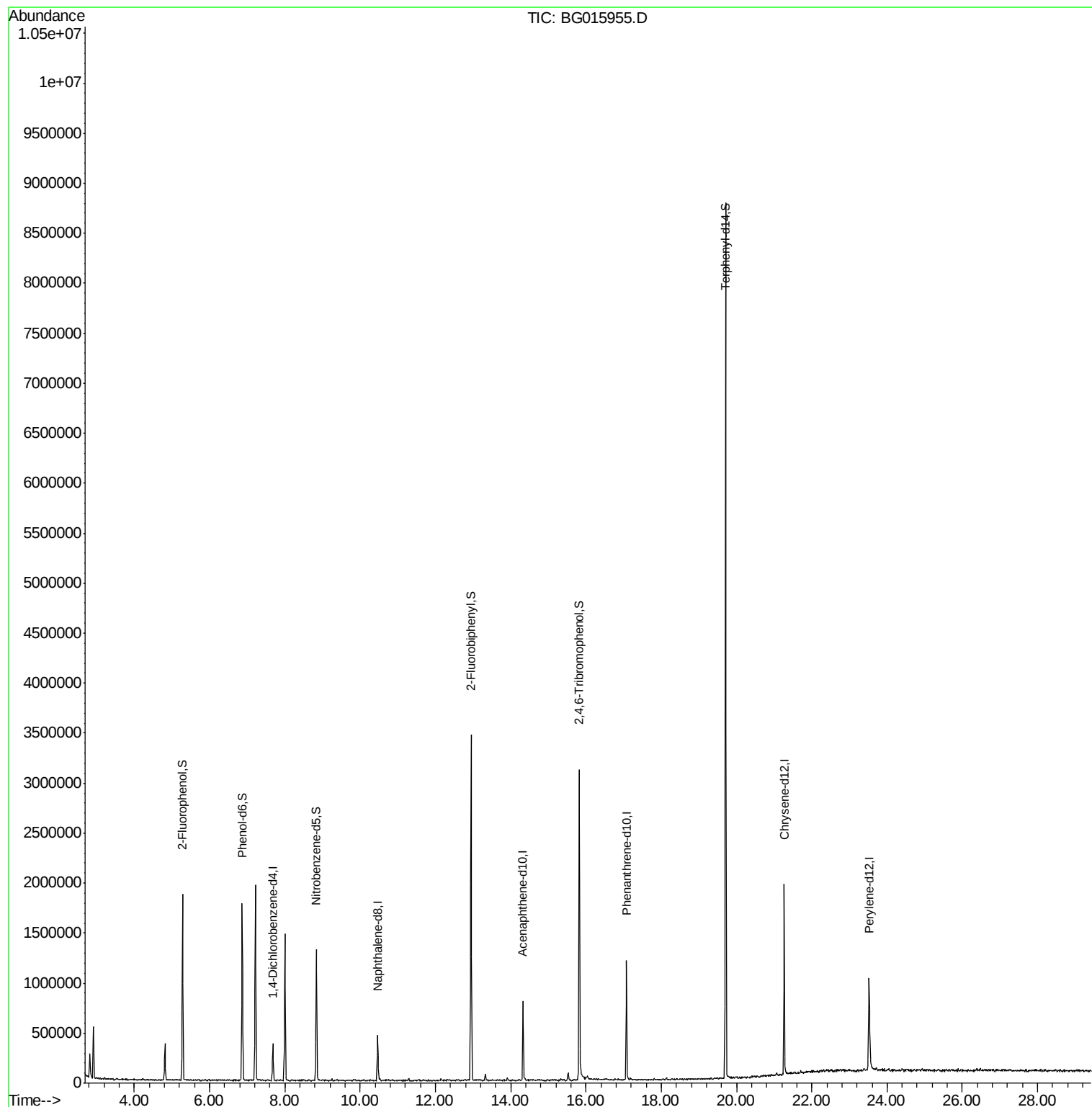
Target Compounds	Qvalue
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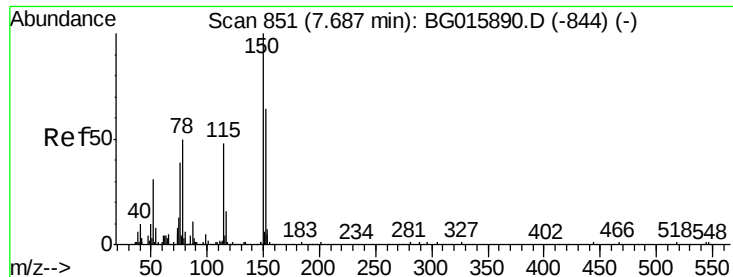
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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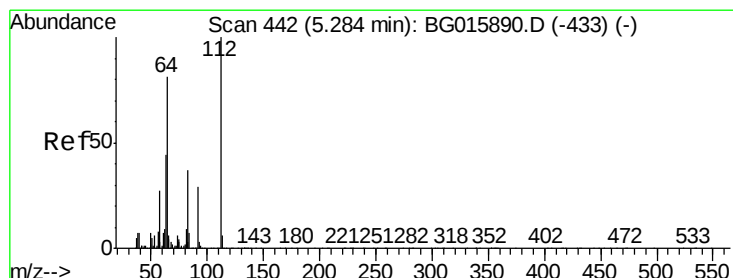
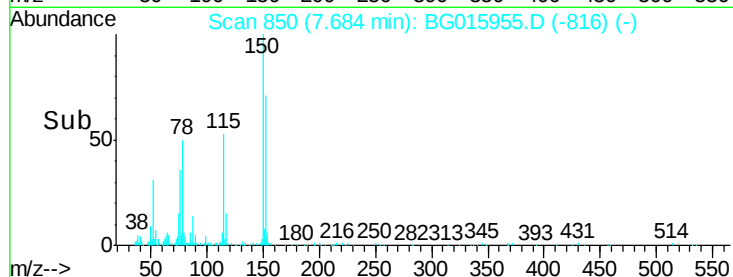
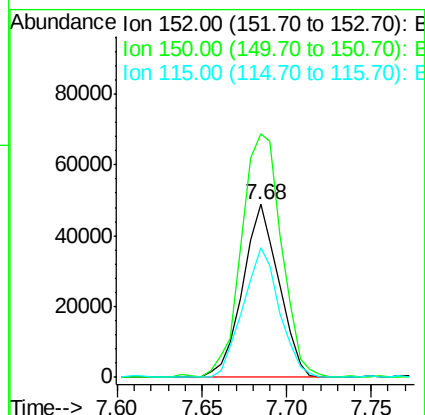
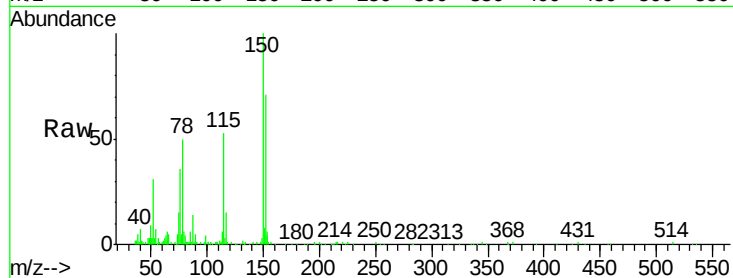


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015955.D
Acq: 27 Jan 2015 21:24

Instrument :
BNA_G
ClientSampleId :
WC-05

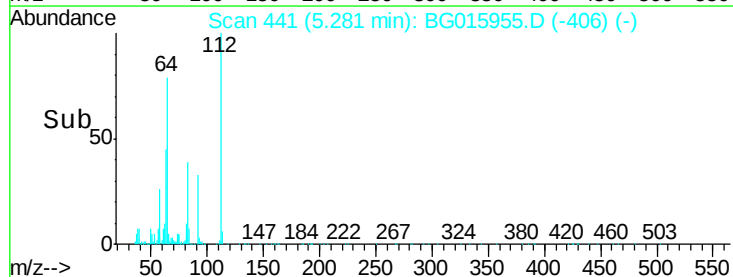
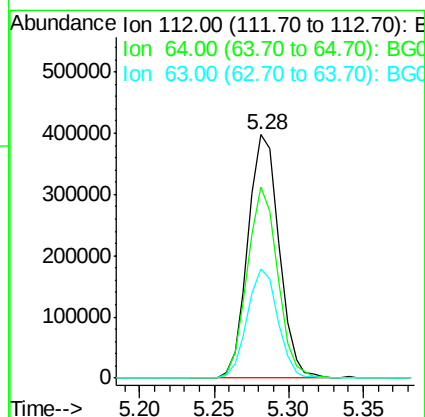
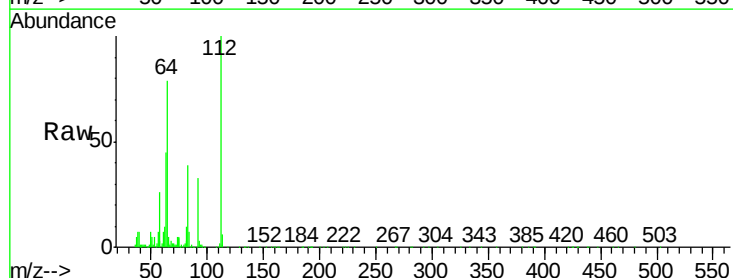
Tgt Ion:152 Resp: 72936
Ion Ratio Lower Upper
152 100
150 140.9 124.5 186.7
115 74.9 60.4 90.6

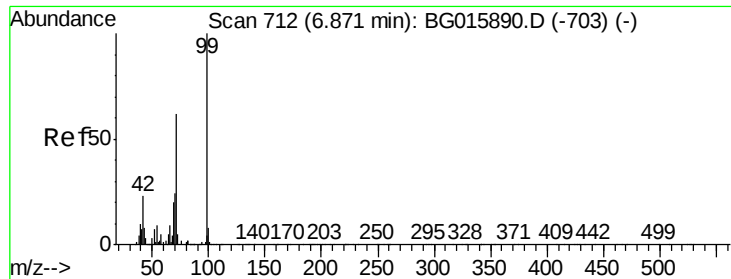


#5

2-Fluorophenol
Concen: 117.01 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015955.D
Acq: 27 Jan 2015 21:24

Tgt Ion:112 Resp: 573090
Ion Ratio Lower Upper
112 100
64 78.7 64.4 96.6
63 44.9 35.1 52.7





#7

Phenol-d6

Concen: 106.41 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015955.D

Acq: 27 Jan 2015 21:24

Instrument :

BNA_G

ClientSampleId :

WC-05

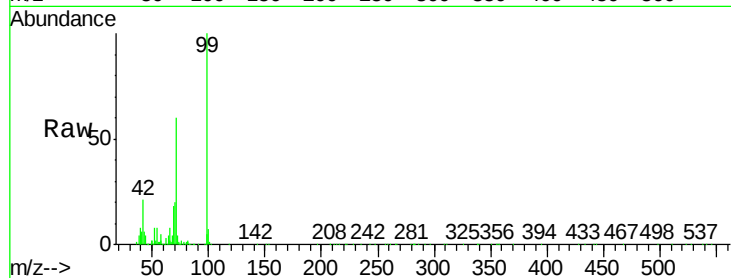
Tgt Ion: 99 Resp: 839852

Ion Ratio Lower Upper

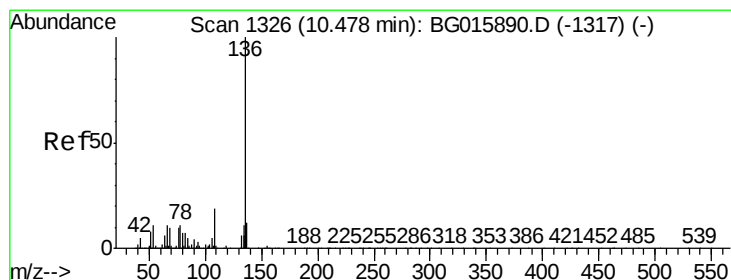
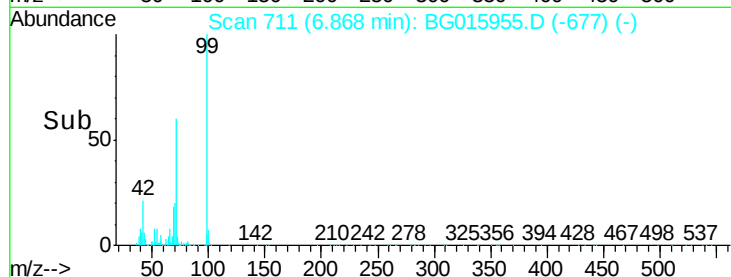
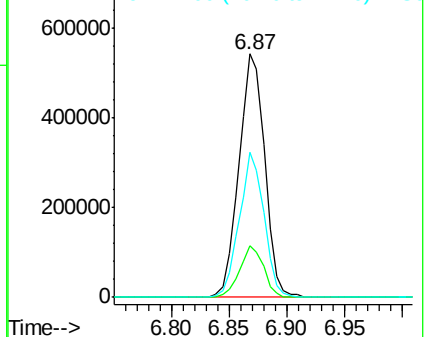
99 100

42 21.0 18.1 27.1

71 59.7 49.8 74.8



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: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG015955.D

Acq: 27 Jan 2015 21:24

Tgt Ion: 136 Resp: 263756

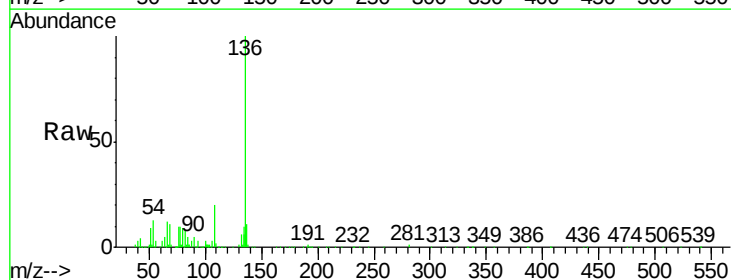
Ion Ratio Lower Upper

136 100

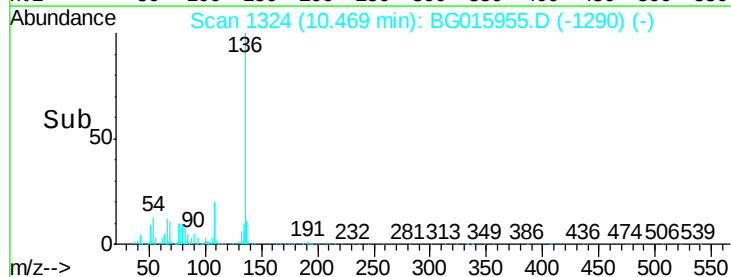
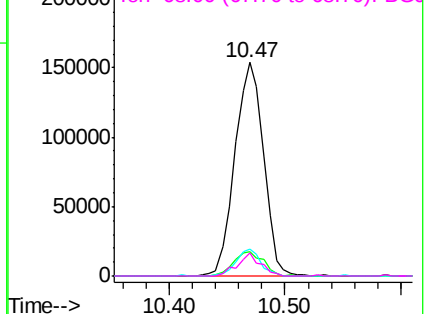
137 11.5 9.7 14.5

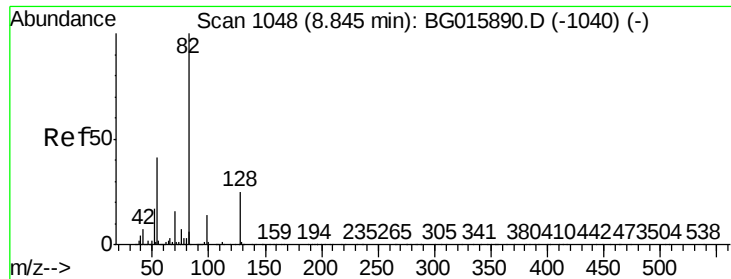
54 12.8 8.5 12.7#

68 10.7 8.0 12.0



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

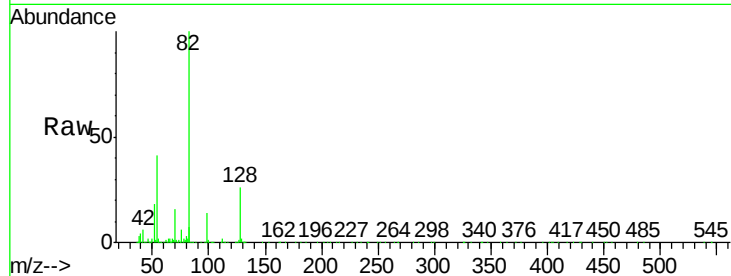




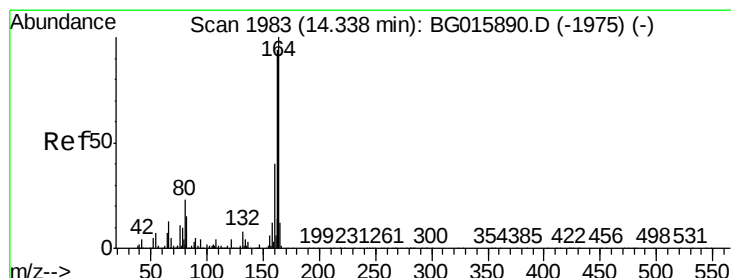
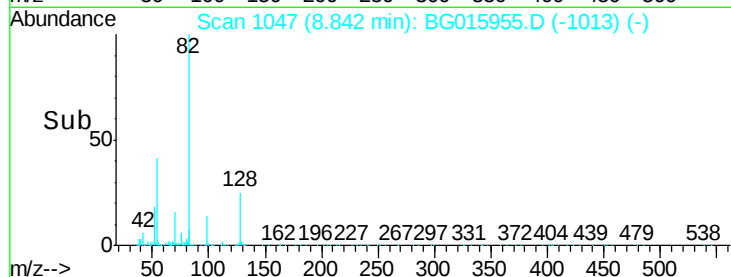
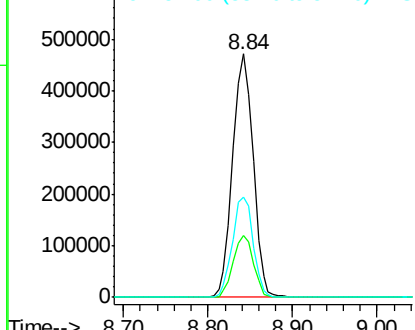
#23
 Nitrobenzene-d5
 Concen: 85.58 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG015955.D
 Acq: 27 Jan 2015 21:24

Instrument :
 BNA_G
 ClientSampleId :
 WC-05

Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.5	19.8	29.8
54	41.2	33.0	49.4

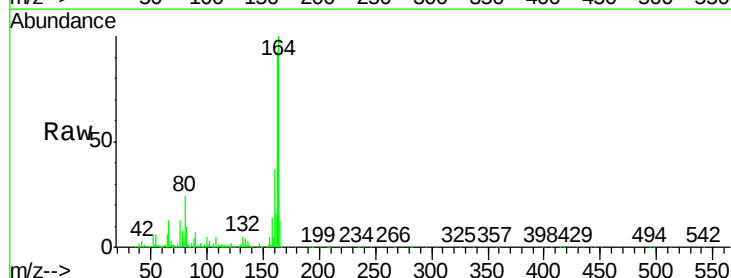


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

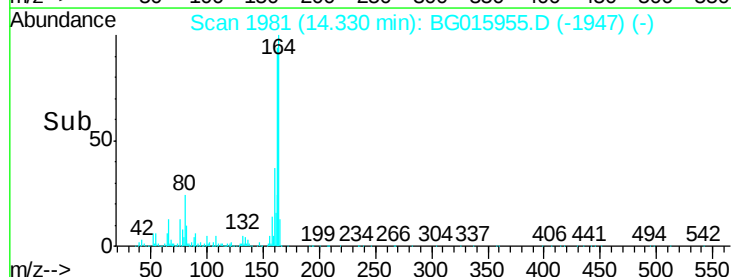
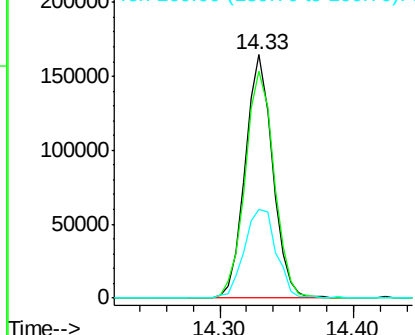


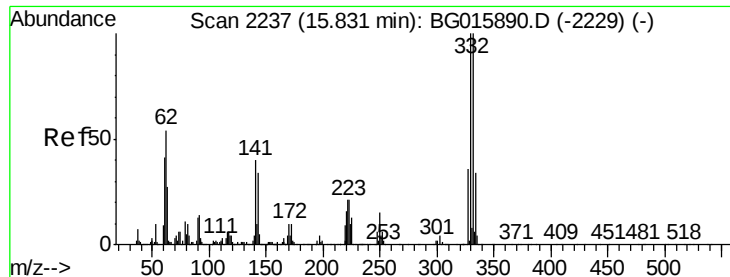
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG015955.D
 Acq: 27 Jan 2015 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.4	75.1	112.7
160	36.5	32.3	48.5



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

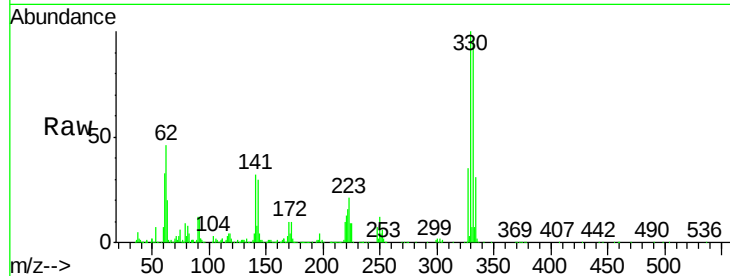




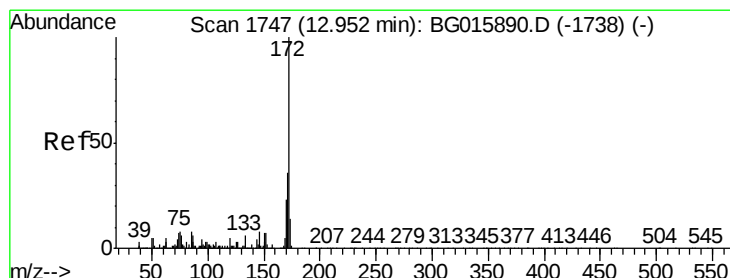
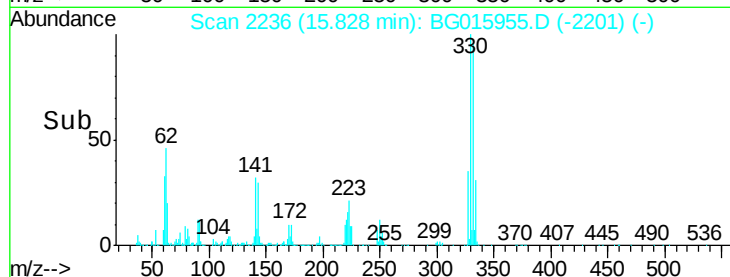
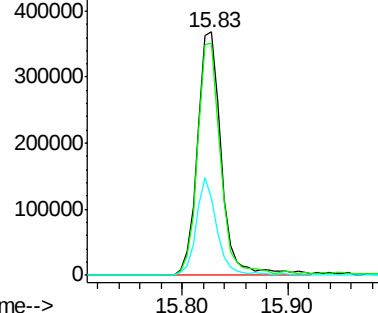
#41
 2,4,6-Tribromophenol
 Concen: 134.59 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG015955.D
 Acq: 27 Jan 2015 21:24

Instrument :
 BNA_G
 ClientSampleId :
 WC-05

Tgt Ion:330 Resp: 574323
 Ion Ratio Lower Upper
 330 100
 332 91.7 75.4 113.0
 141 35.1 33.0 49.6

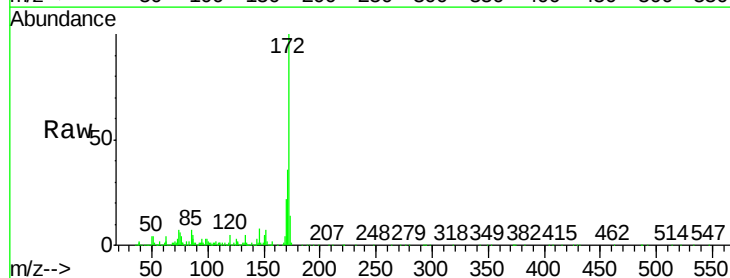


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

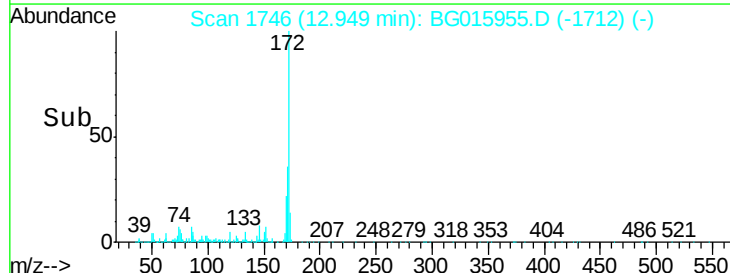
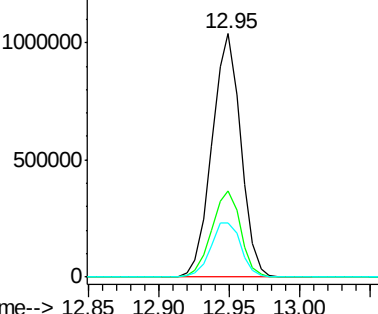


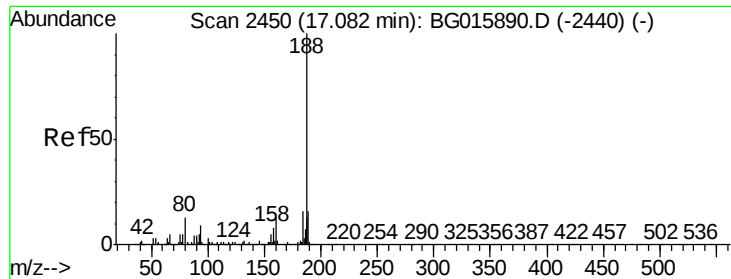
#44
 2-Fluorobiphenyl
 Concen: 99.78 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG015955.D
 Acq: 27 Jan 2015 21:24

Tgt Ion:172 Resp: 1482413
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 22.2 18.6 27.8



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

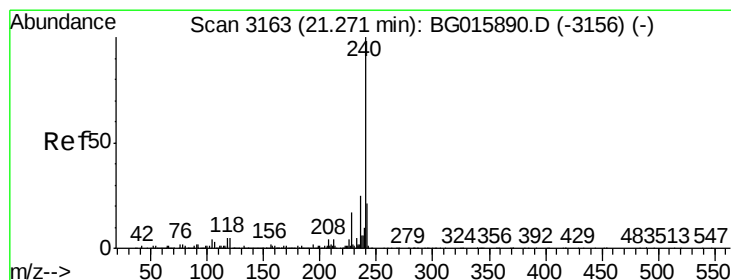
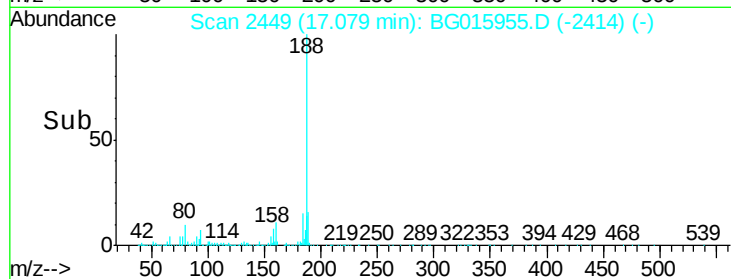
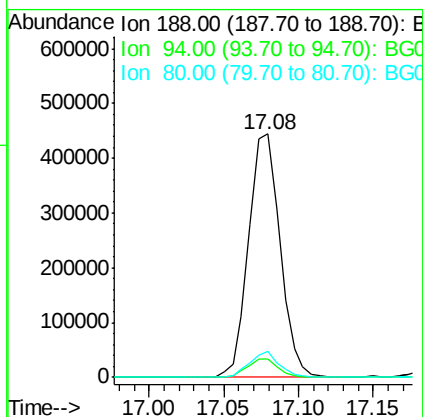
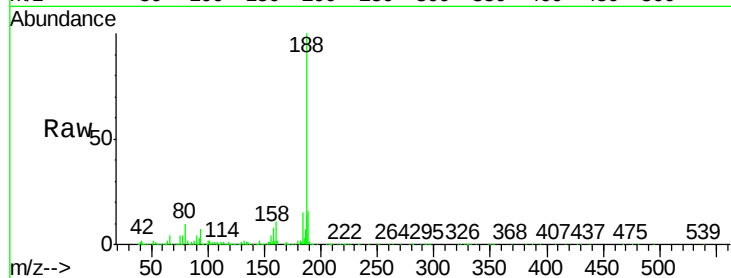




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015955.D
Acq: 27 Jan 2015 21:24

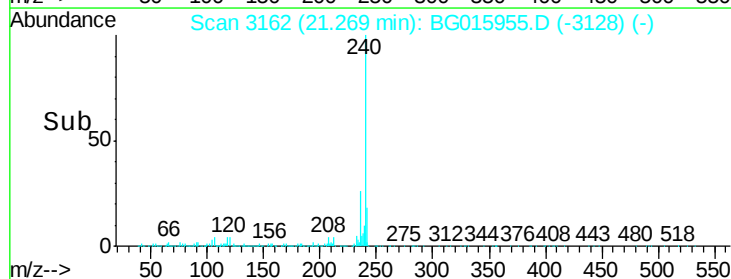
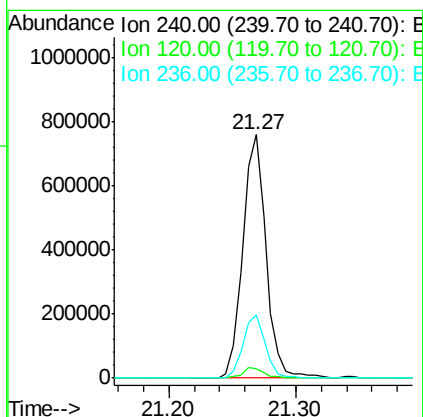
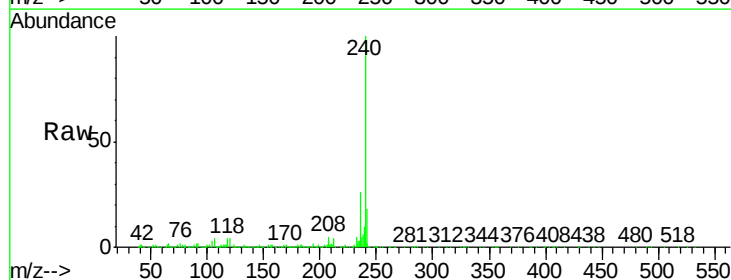
Instrument :
BNA_G
ClientSampleId :
WC-05

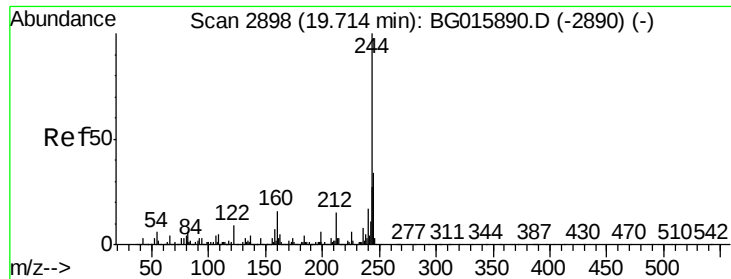
Tgt Ion:188 Resp: 646142
Ion Ratio Lower Upper
188 100
94 7.3 7.8 11.8#
80 10.4 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG015955.D
Acq: 27 Jan 2015 21:24

Tgt Ion:240 Resp: 959154
Ion Ratio Lower Upper
240 100
120 3.9 3.9 5.9
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 99.82 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015955.D

Acq: 27 Jan 2015 21:24

Instrument :

BNA_G

ClientSampleId :

WC-05

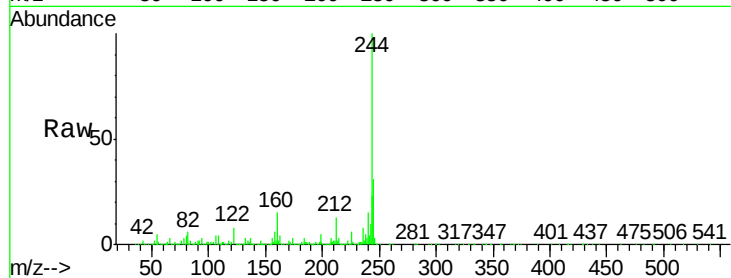
Tgt Ion:244 Resp: 3156958

Ion Ratio Lower Upper

244 100

212 13.2 11.6 17.4

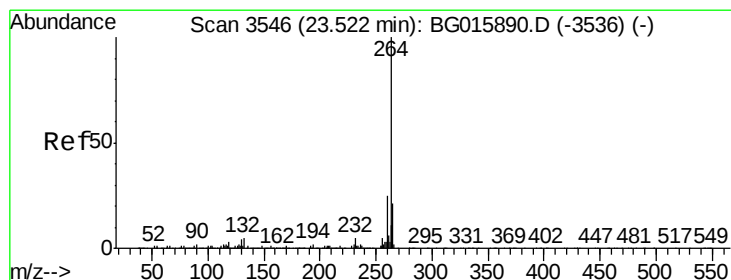
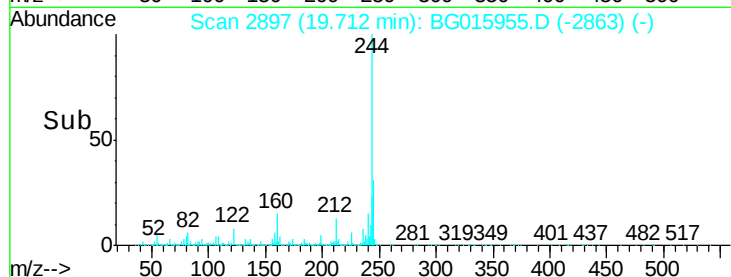
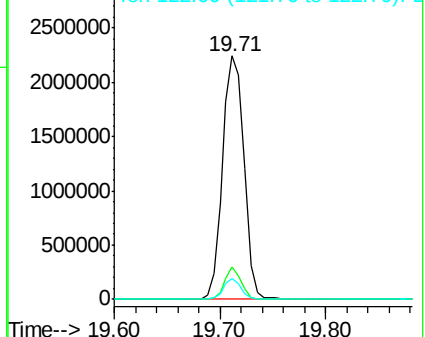
122 8.4 7.0 10.4



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: 20.00 ng

RT: 23.52 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015955.D

Acq: 27 Jan 2015 21:24

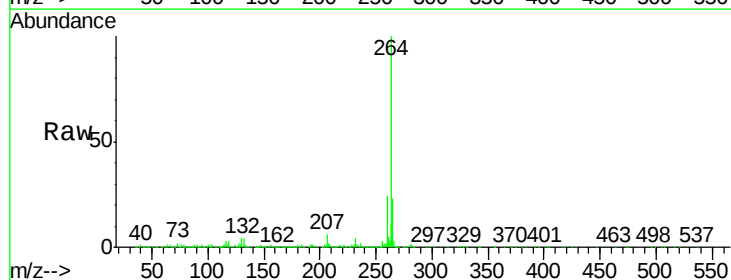
Tgt Ion:264 Resp: 852773

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 23.3 17.3 25.9



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

