

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015920.D
 Acq On : 26 Jan 2015 20:19
 Operator : TP/IZ
 Sample : PB81511BL
 Misc : S
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81511BL

Quant Time: Jan 27 09:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	68631	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	292024	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	240178	20.00	ng	-0.01
63) Phenanthrene-d10	17.08	188	727673	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1040233	20.00	ng	0.00
86) Perylene-d12	23.52	264	923516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	590513	128.13	ng	0.00
7) Phenol-d6	6.87	99	946071	127.39	ng	0.00
23) Nitrobenzene-d5	8.84	82	747843	73.82	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	513655	116.82	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1322668	86.41	ng	0.00
78) Terphenyl-d14	19.71	244	3063804	83.15	ng	0.00

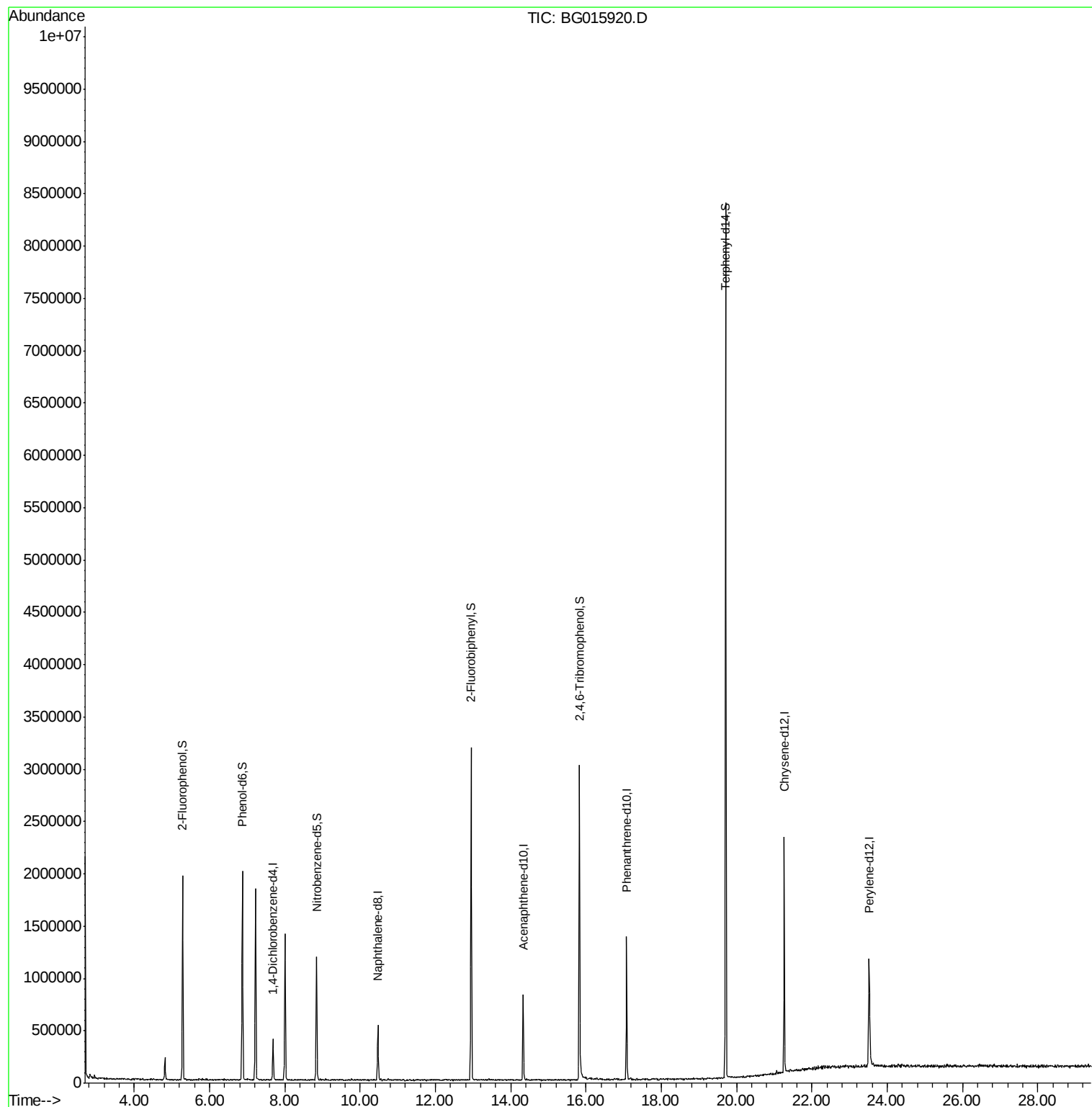
Target Compounds	Qvalue
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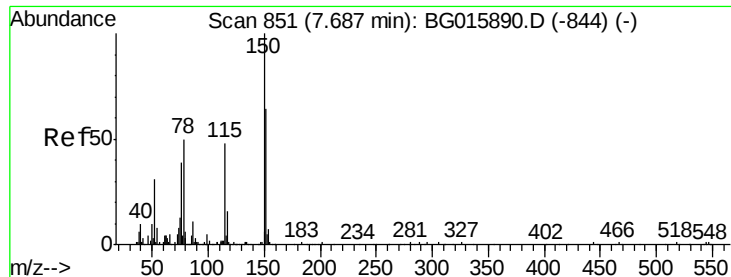
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Instrument :

BNA_G

ClientSampleId :

PB81511BL

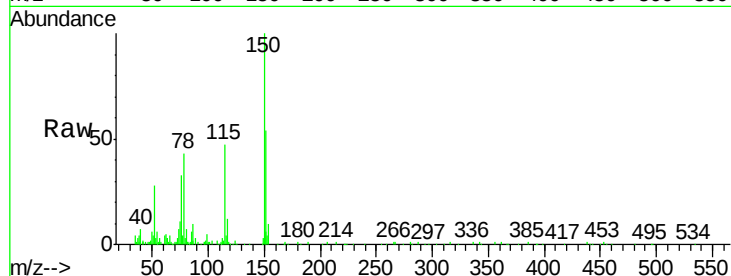
Tgt Ion:152 Resp: 68631

Ion Ratio Lower Upper

152 100

150 186.4 124.5 186.7

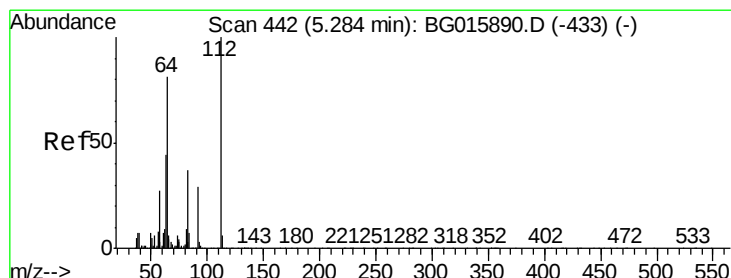
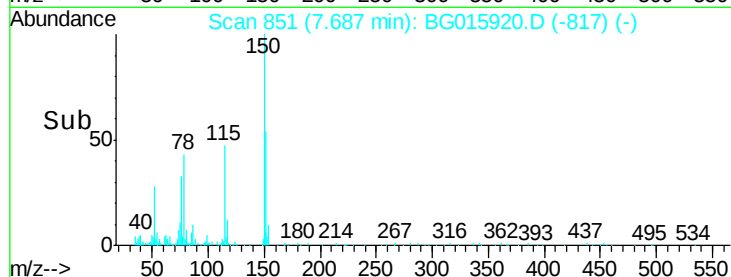
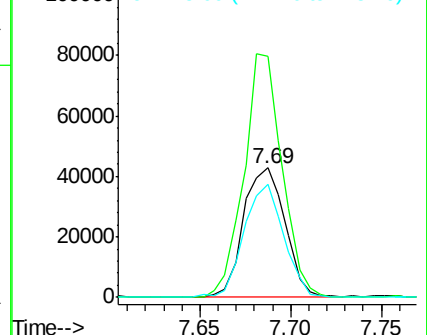
115 87.7 60.4 90.6



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: 128.13 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

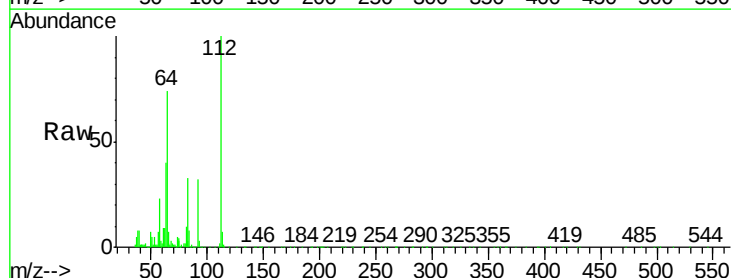
Tgt Ion:112 Resp: 590513

Ion Ratio Lower Upper

112 100

64 74.1 64.4 96.6

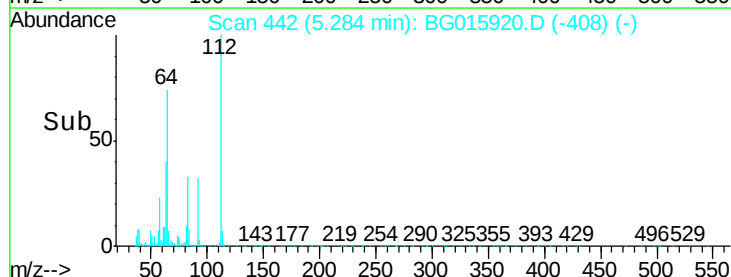
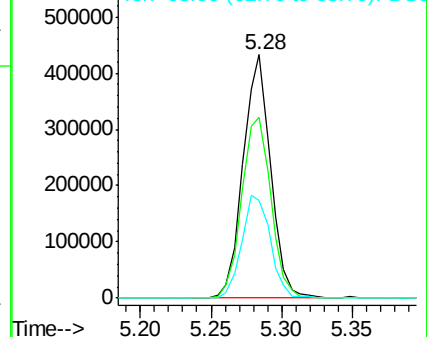
63 40.2 35.1 52.7

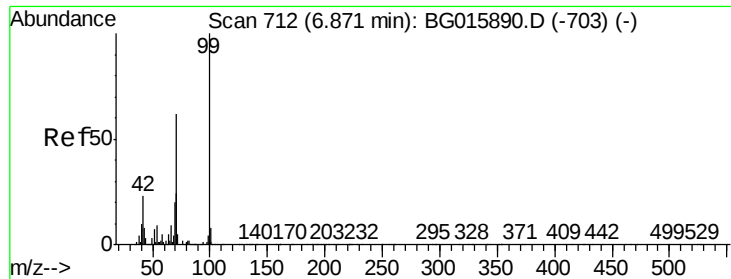


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.39 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Instrument :

BNA_G

ClientSampleId :

PB81511BL

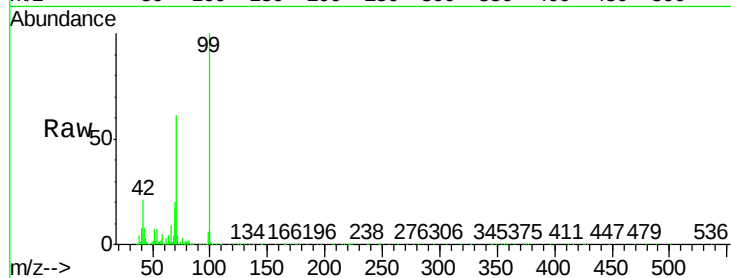
Tgt Ion: 99 Resp: 946071

Ion Ratio Lower Upper

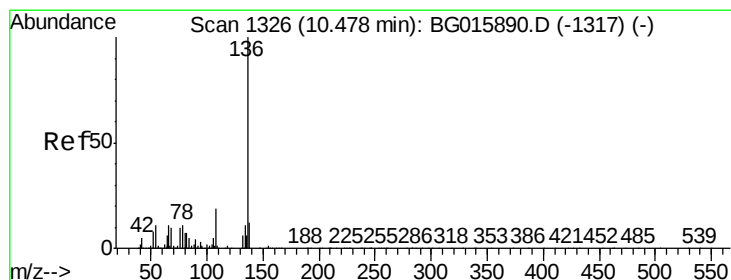
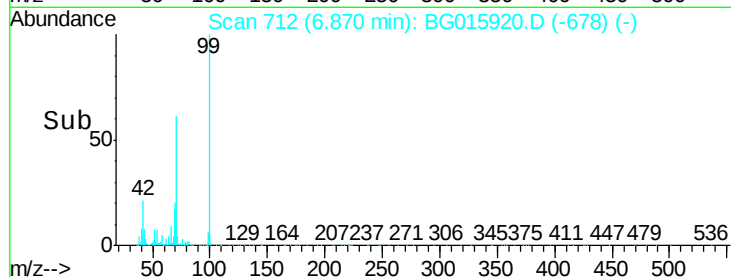
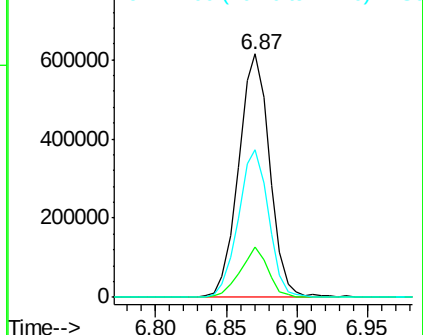
99 100

42 20.6 18.1 27.1

71 60.8 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# 1325

Delta R.T. -0.01 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Tgt Ion: 136 Resp: 292024

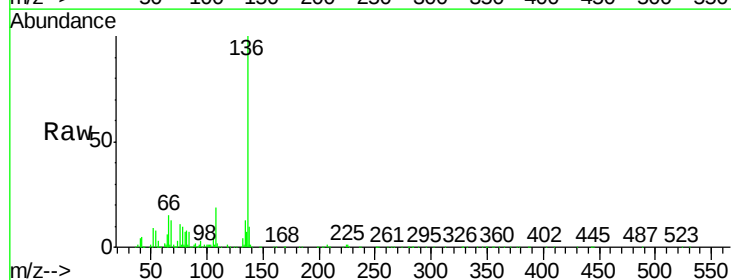
Ion Ratio Lower Upper

136 100

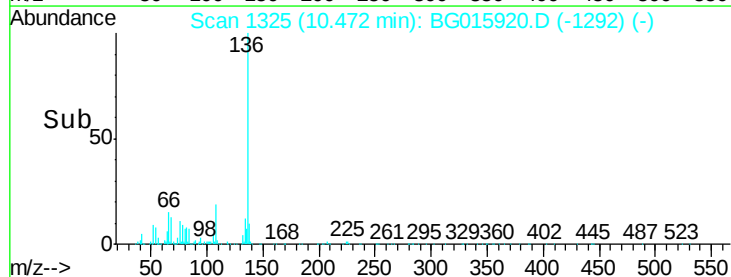
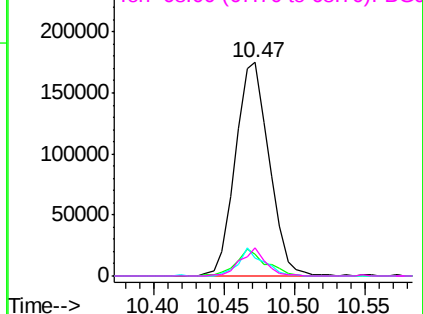
137 10.3 9.7 14.5

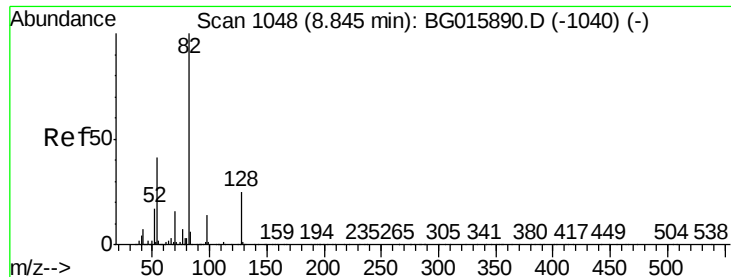
54 8.4 8.5 12.7#

68 13.0 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

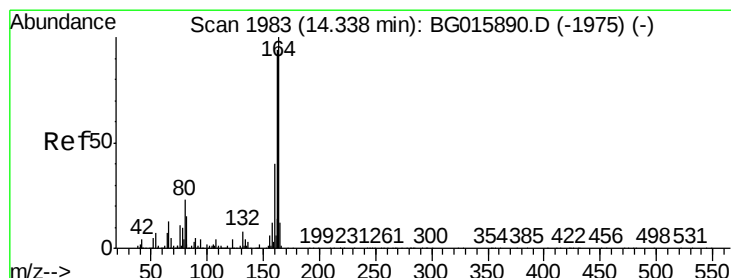
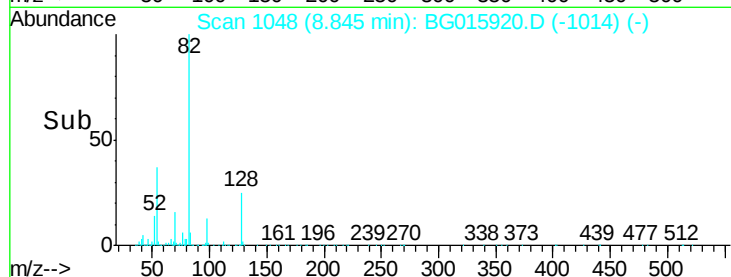
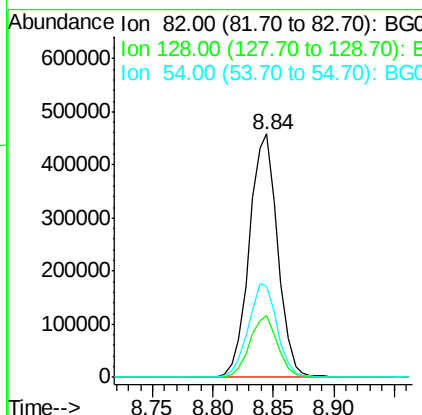
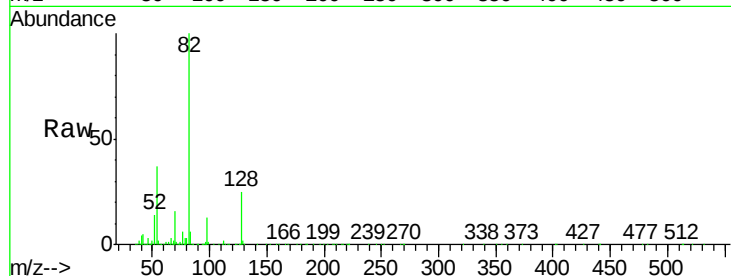




#23
 Nitrobenzene-d5
 Concen: 73.82 ng
 RT: 8.84 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG015920.D
 Acq: 26 Jan 2015 20:19

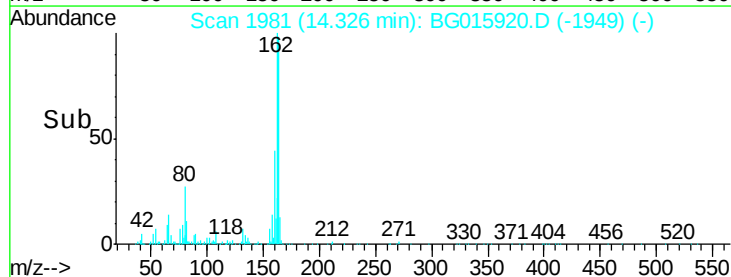
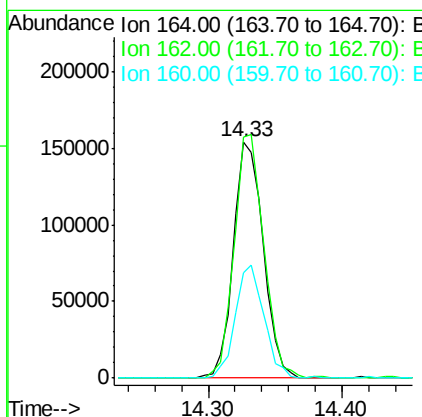
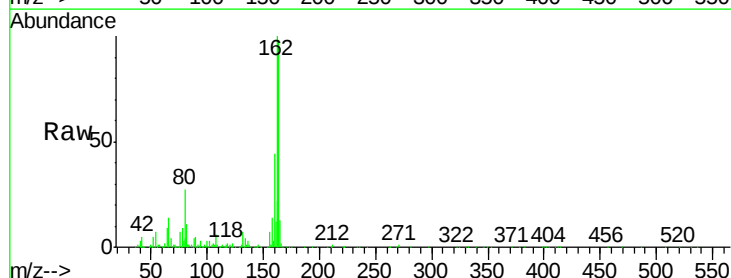
Instrument :
 BNA_G
 ClientSampleId :
 PB81511BL

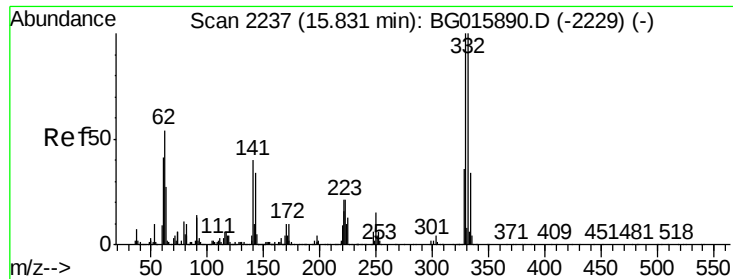
Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.5	19.8	29.8
54	37.4	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG015920.D
 Acq: 26 Jan 2015 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.1	112.7
160	44.9	32.3	48.5

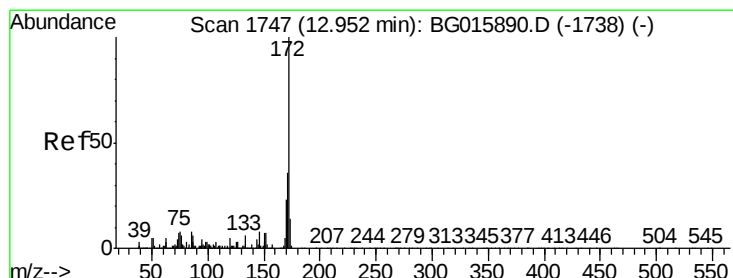
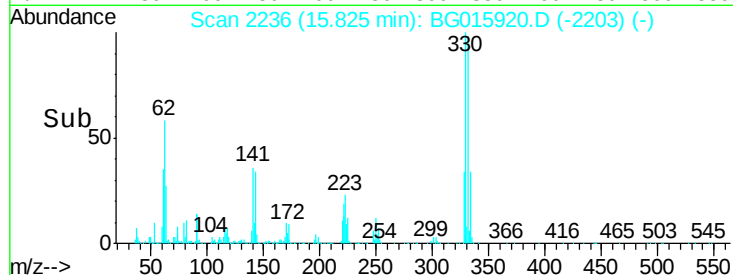
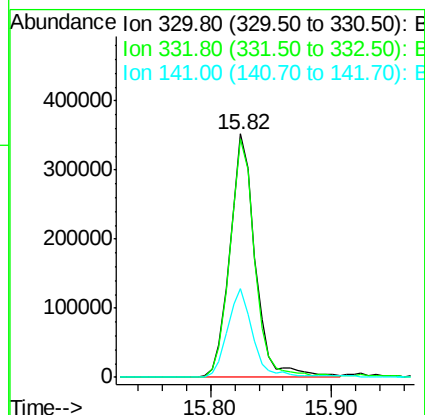
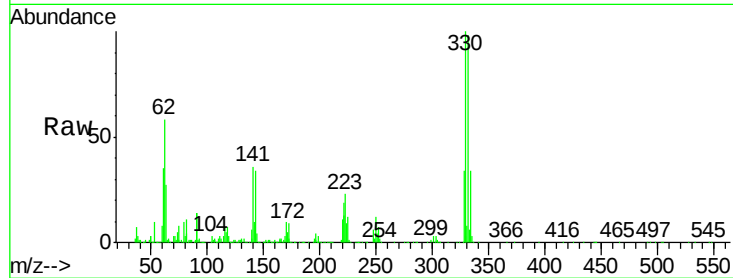




#41
 2,4,6-Tribromophenol
 Concen: 116.82 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG015920.D
 Acq: 26 Jan 2015 20:19

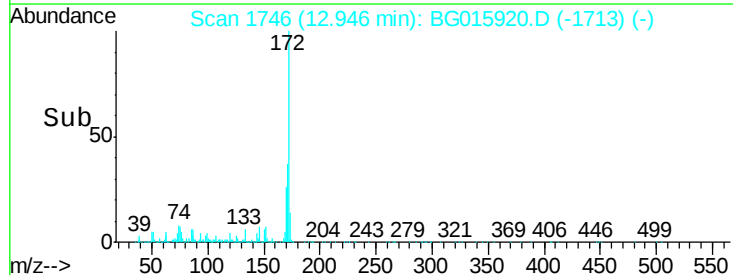
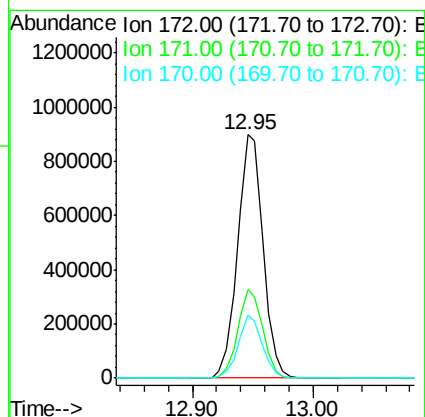
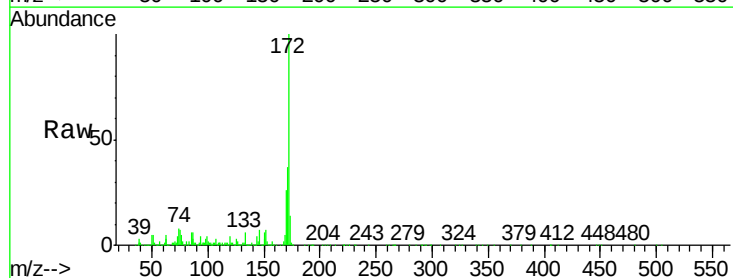
Instrument :
 BNA_G
 ClientSampleId :
 PB81511BL

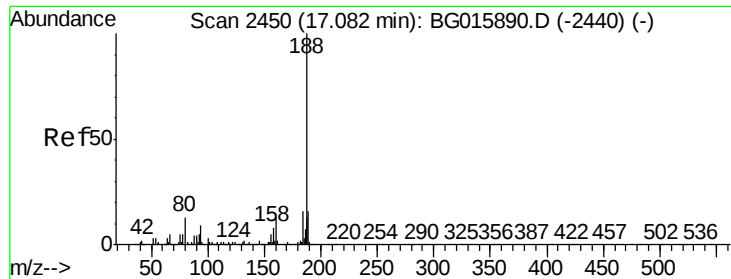
Tgt Ion:330 Resp: 513655
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 36.4 33.0 49.6



#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG015920.D
 Acq: 26 Jan 2015 20:19

Tgt Ion:172 Resp: 1322668
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 26.0 18.6 27.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Instrument :

BNA_G

ClientSampleId :

PB81511BL

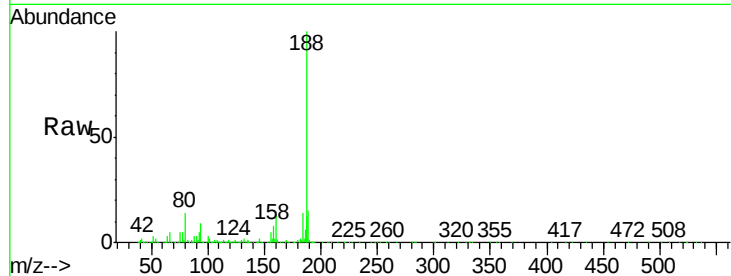
Tgt Ion:188 Resp: 727673

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.8

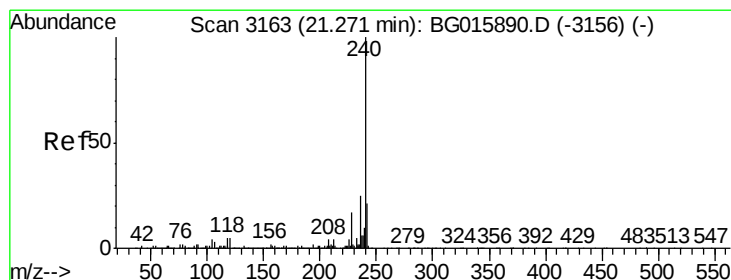
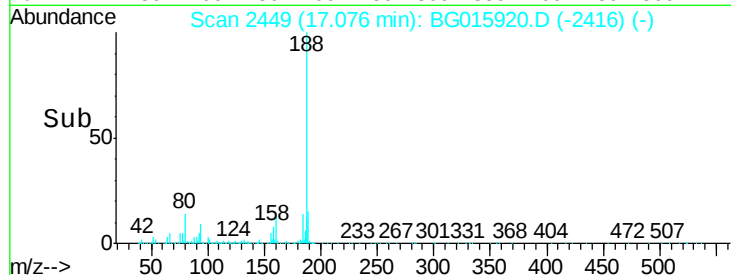
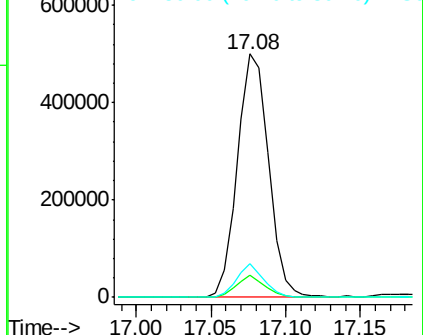
80 13.7 10.6 16.0



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: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

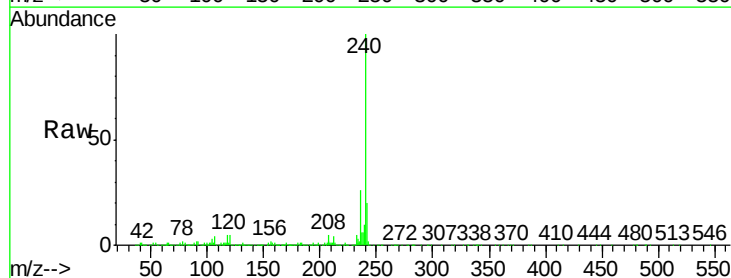
Tgt Ion:240 Resp: 1040233

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

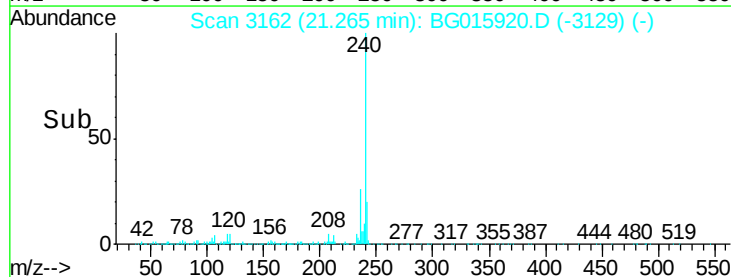
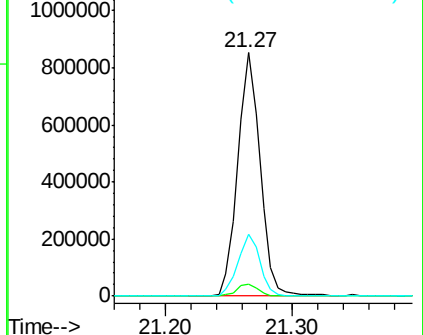
236 25.6 20.0 30.0

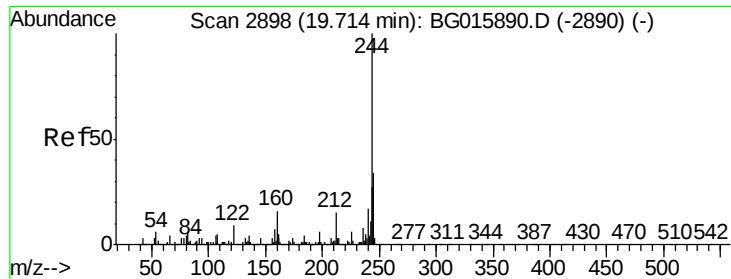


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.15 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

Instrument :

BNA_G

ClientSampled :

PB81511BL

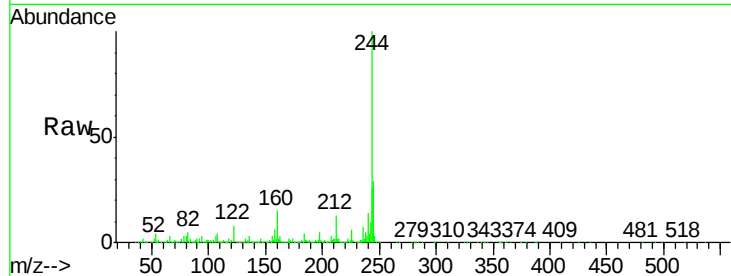
Tgt Ion:244 Resp: 3063804

Ion Ratio Lower Upper

244 100

212 12.6 11.6 17.4

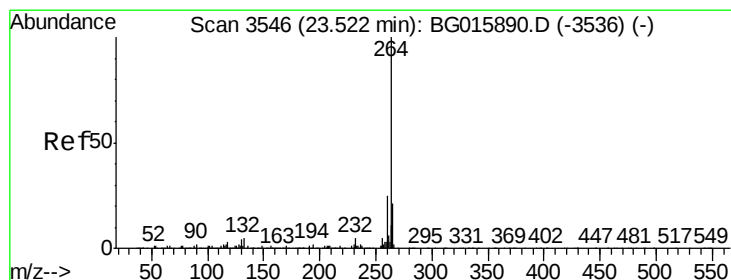
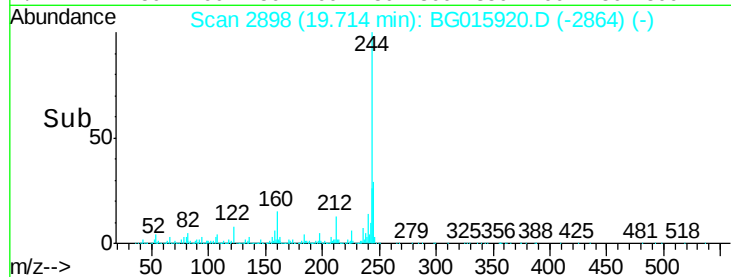
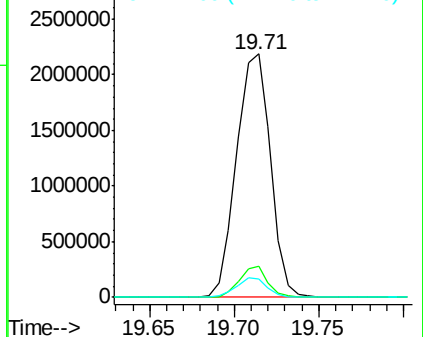
122 7.6 7.0 10.4



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: 20.00 ng

RT: 23.52 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG015920.D

Acq: 26 Jan 2015 20:19

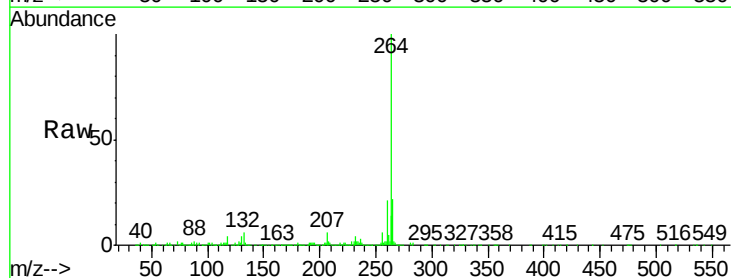
Tgt Ion:264 Resp: 923516

Ion Ratio Lower Upper

264 100

260 20.8 19.7 29.5

265 22.1 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

