

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015919.D
 Acq On : 26 Jan 2015 19:45
 Operator : TP/IZ
 Sample : PB81502TB
 Misc : S
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81502TB

Quant Time: Jan 27 02:50:16 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	7.68	152	80524	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	328916	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	265556	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	771436	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1117866	20.00	ng	0.00
86) Perylene-d12	23.52	264	995158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	660209	122.10	ng	0.00
7) Phenol-d6	6.87	99	1045778	120.01	ng	0.00
23) Nitrobenzene-d5	8.84	82	807061	70.73	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	567827	116.80	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1461656	86.36	ng	0.00
78) Terphenyl-d14	19.71	244	3178457	78.84	ng	0.00

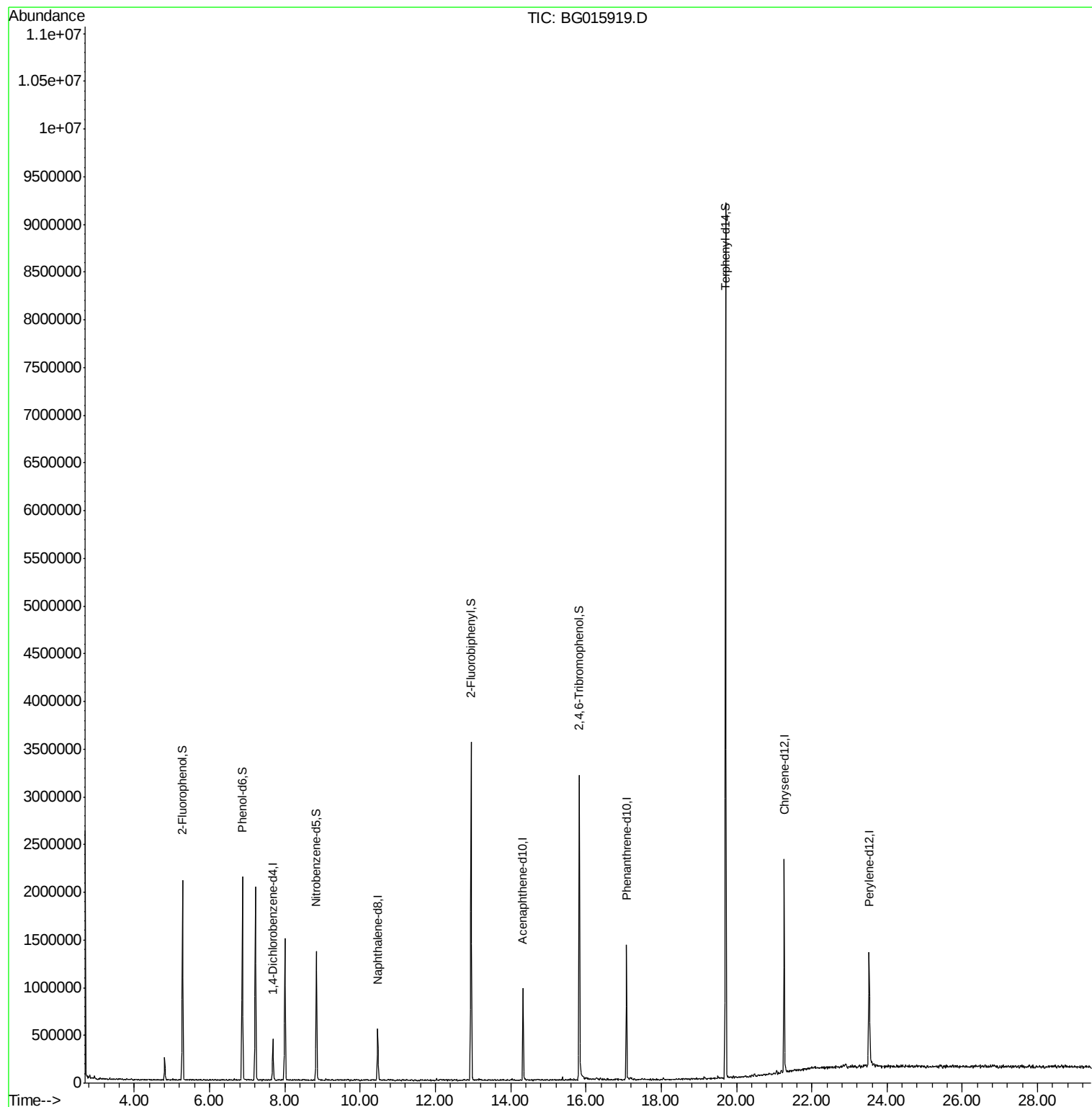
Target Compounds	Qvalue
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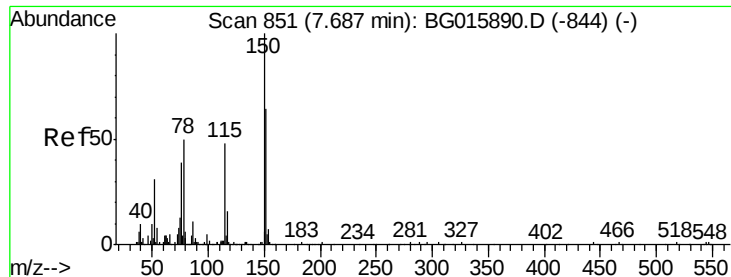
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG015919.D

Acq: 26 Jan 2015 19:45

Instrument :

BNA_G

ClientSampleId :

PB81502TB

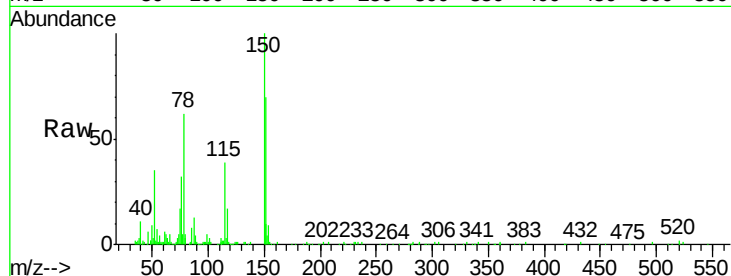
Tgt Ion:152 Resp: 80524

Ion Ratio Lower Upper

152 100

150 142.1 124.5 186.7

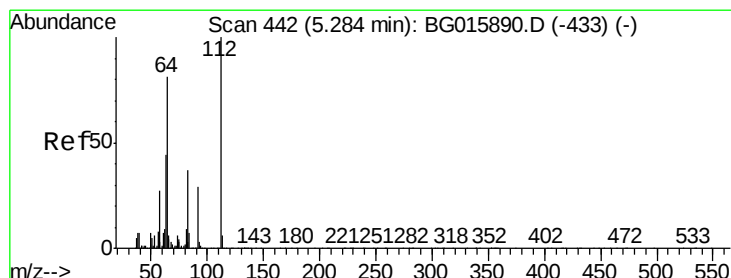
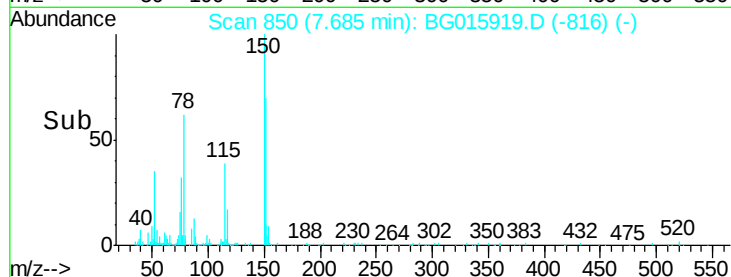
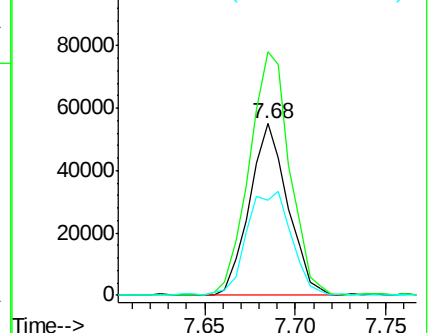
115 55.7 60.4 90.6#



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: 122.10 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG015919.D

Acq: 26 Jan 2015 19:45

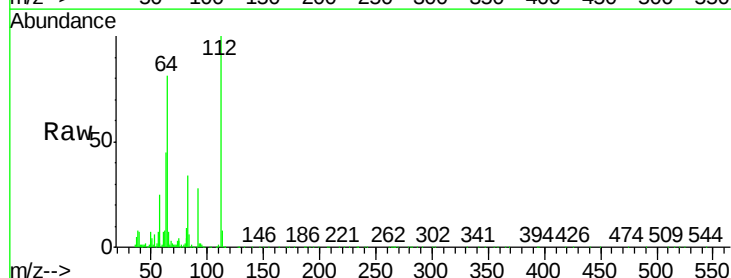
Tgt Ion:112 Resp: 660209

Ion Ratio Lower Upper

112 100

64 81.4 64.4 96.6

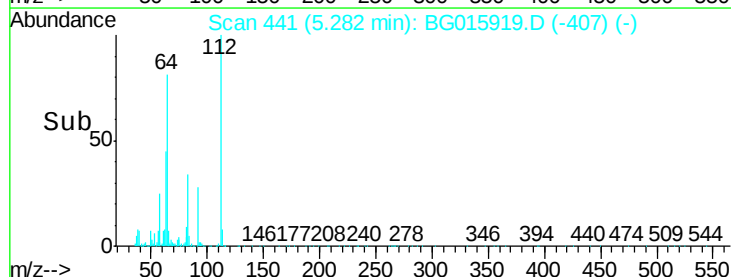
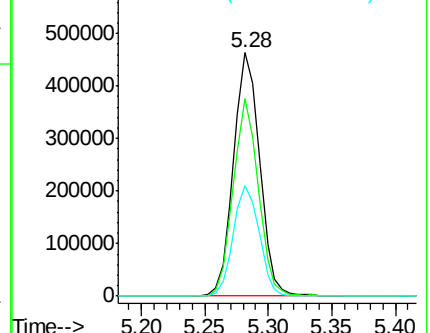
63 45.1 35.1 52.7

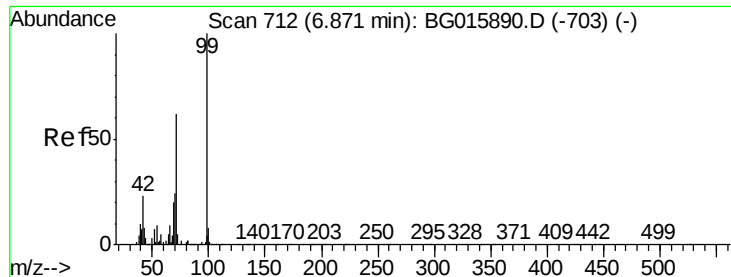


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.01 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015919.D

Acq: 26 Jan 2015 19:45

Instrument :

BNA_G

ClientSampleId :

PB81502TB

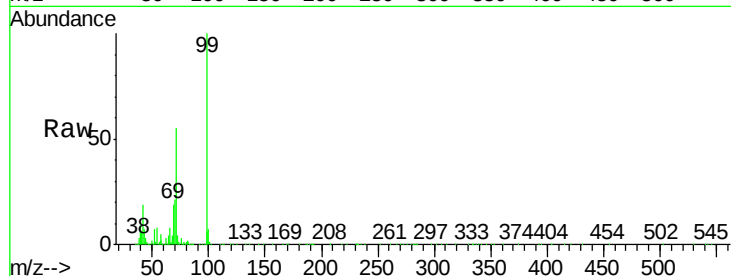
Tgt Ion: 99 Resp: 1045778

Ion Ratio Lower Upper

99 100

42 18.8 18.1 27.1

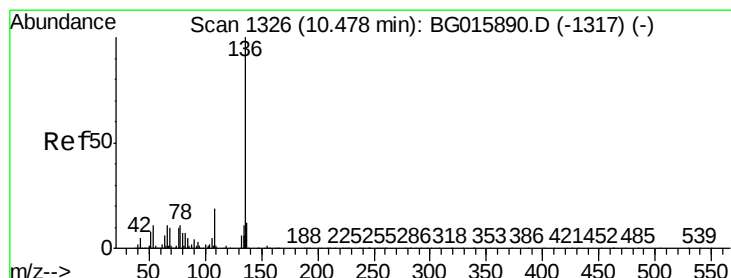
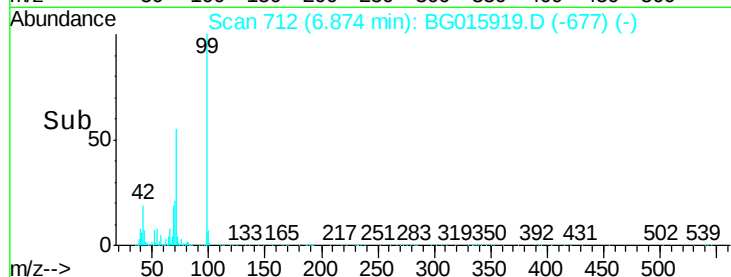
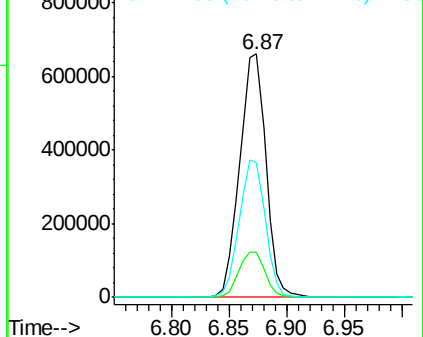
71 55.4 49.8 74.8



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. -0.01 min

Lab File: BG015919.D

Acq: 26 Jan 2015 19:45

Tgt Ion: 136 Resp: 328916

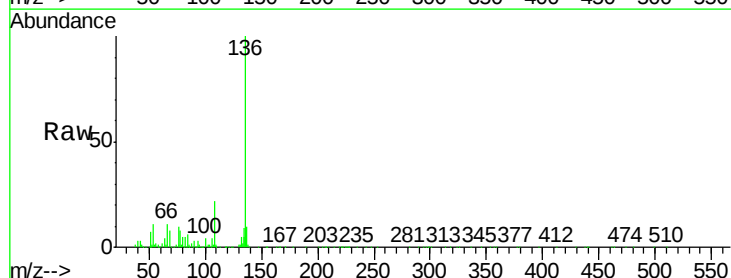
Ion Ratio Lower Upper

136 100

137 9.9 9.7 14.5

54 11.3 8.5 12.7

68 7.6 8.0 12.0#

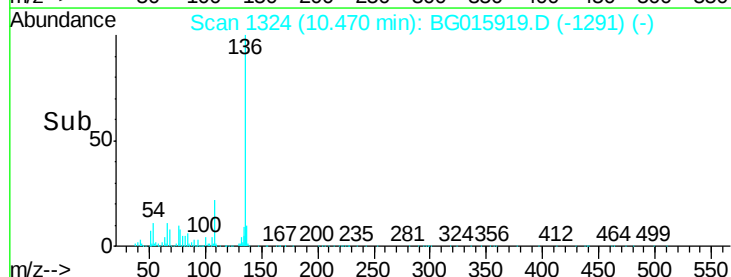
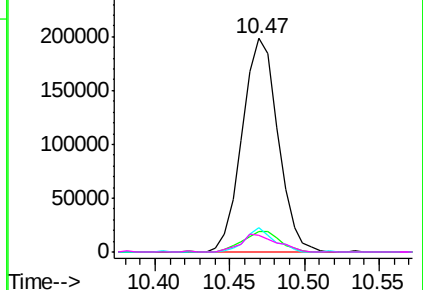


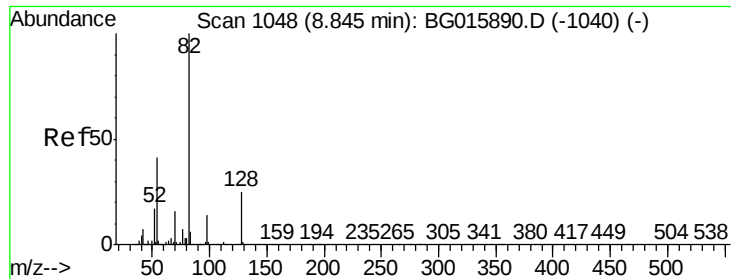
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

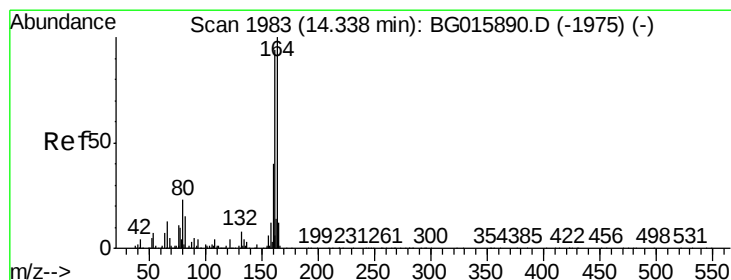
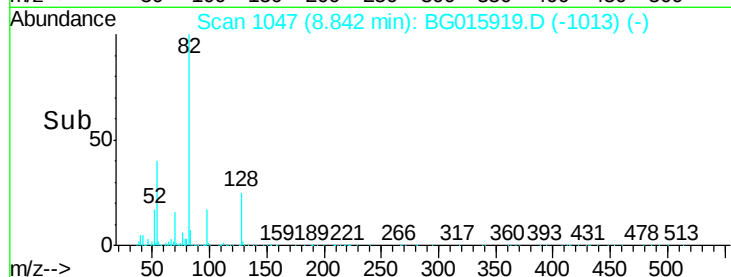
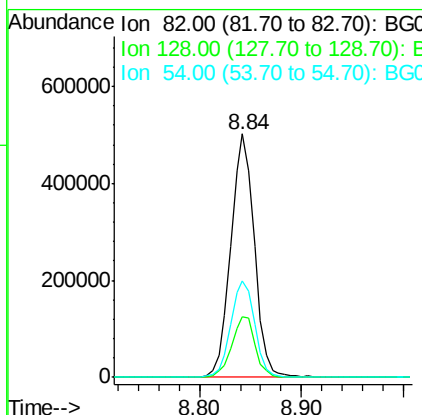
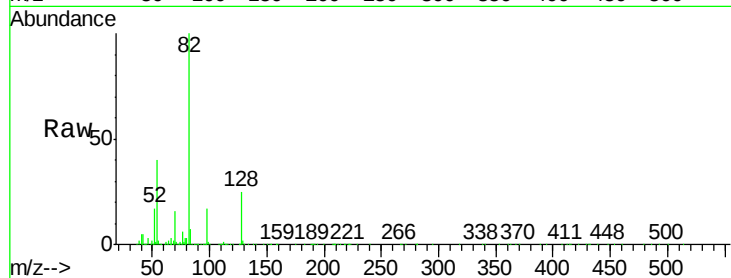




#23
 Nitrobenzene-d5
 Concen: 70.73 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG015919.D
 Acq: 26 Jan 2015 19:45

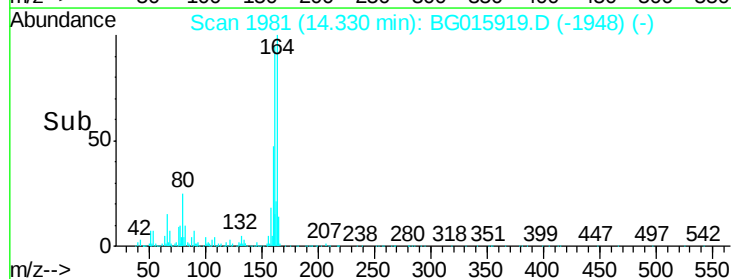
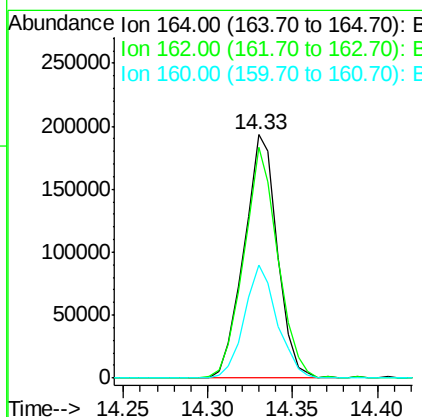
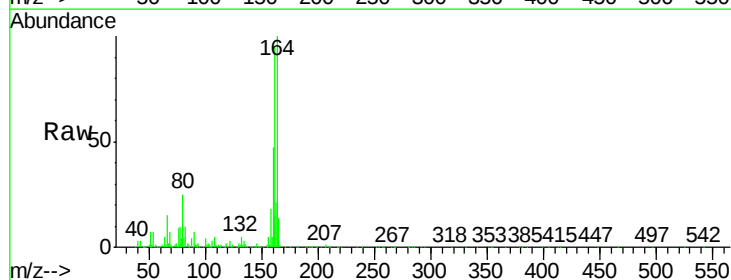
Instrument :
 BNA_G
 ClientSampleId :
 PB81502TB

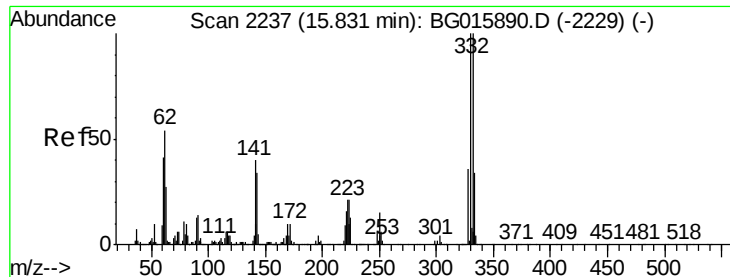
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.7	19.8	29.8
54	39.8	33.0	49.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG015919.D
 Acq: 26 Jan 2015 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	75.1	112.7
160	46.6	32.3	48.5

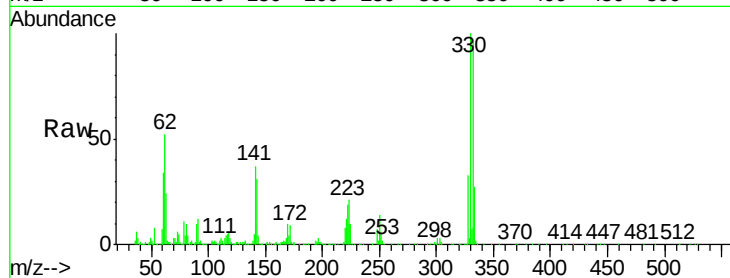




#41
2,4,6-Tribromophenol
Concen: 116.80 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

Instrument :
BNA_G
ClientSampleId :
PB81502TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.0
141	36.4	33.0	49.6

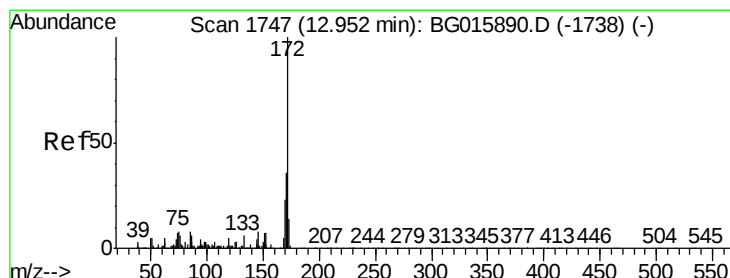
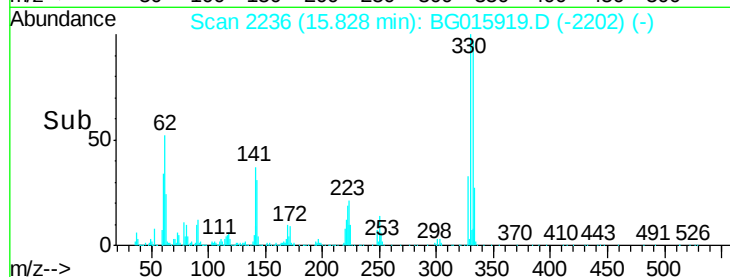
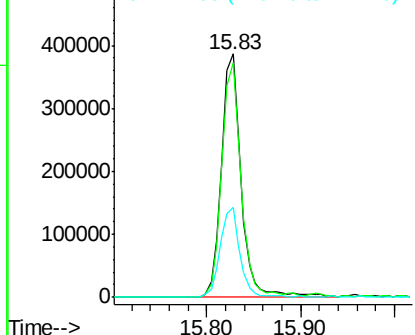


Abundance

Ion 329.80 (329.50 to 330.50): E

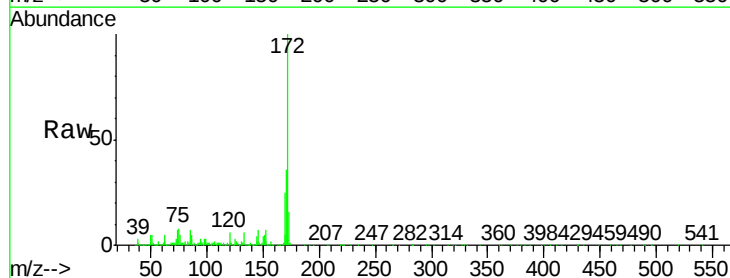
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 86.36 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	25.1	18.6	27.8

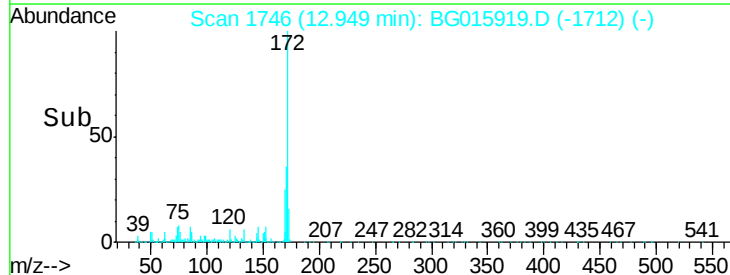
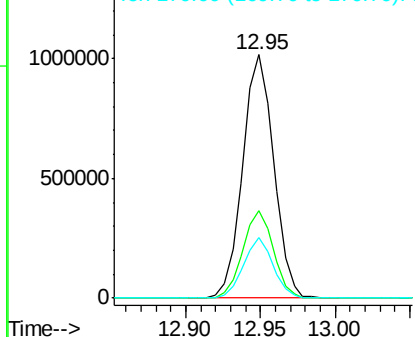


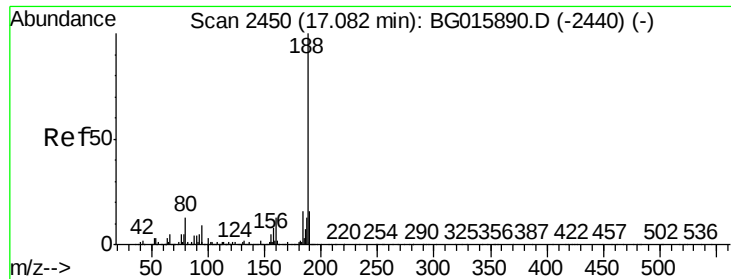
Abundance

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: BG015919.D

Acq: 26 Jan 2015 19:45

Instrument :

BNA_G

ClientSampleId :

PB81502TB

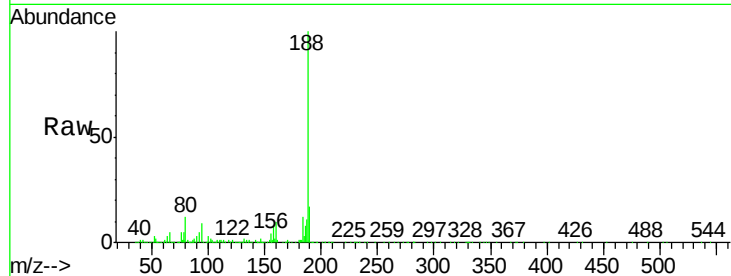
Tgt Ion:188 Resp: 771436

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.8

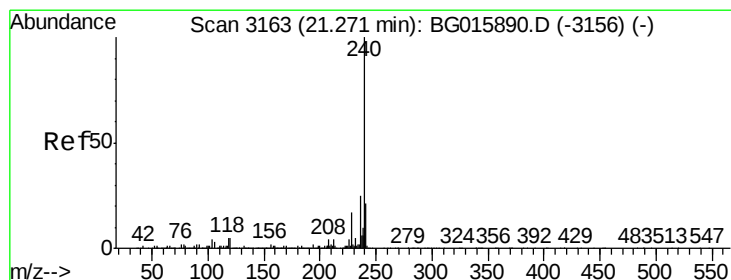
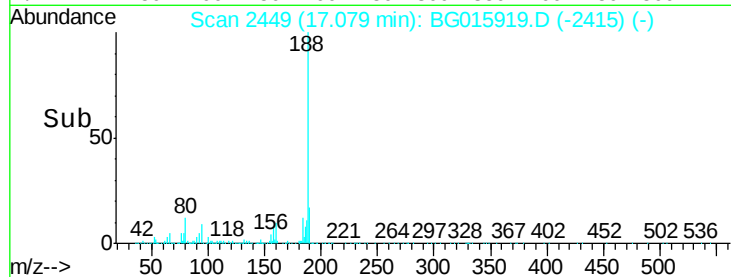
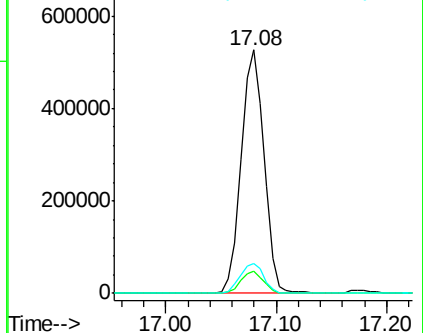
80 12.4 10.6 16.0



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. -0.00 min

Lab File: BG015919.D

Acq: 26 Jan 2015 19:45

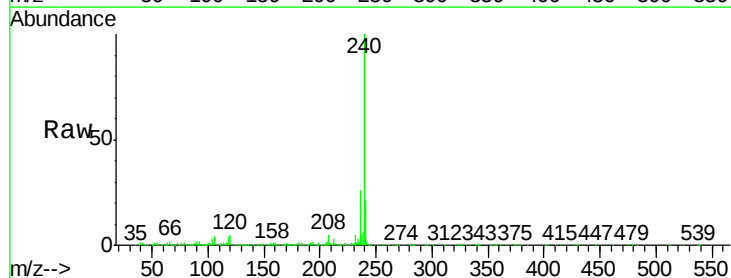
Tgt Ion:240 Resp: 1117866

Ion Ratio Lower Upper

240 100

120 4.5 3.9 5.9

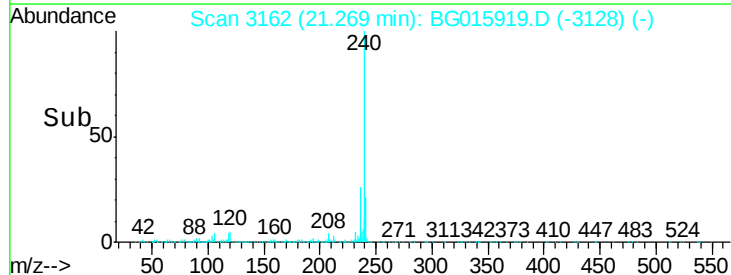
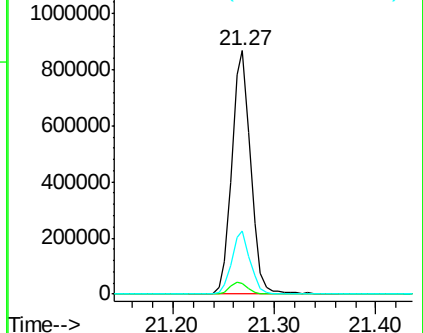
236 25.9 20.0 30.0

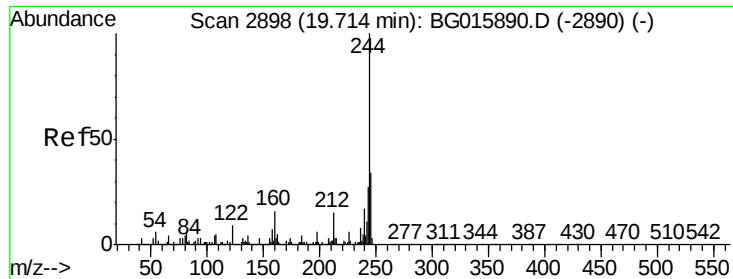


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.84 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015919.D

Acq: 26 Jan 2015 19:45

Instrument :

BNA_G

ClientSampleId :

PB81502TB

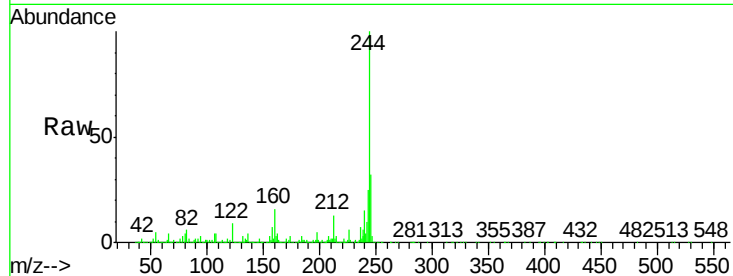
Tgt Ion:244 Resp: 3178457

Ion Ratio Lower Upper

244 100

212 12.7 11.6 17.4

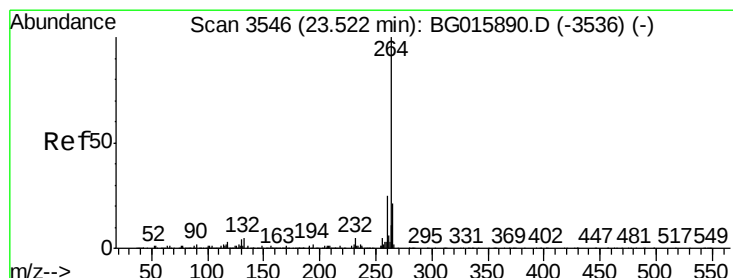
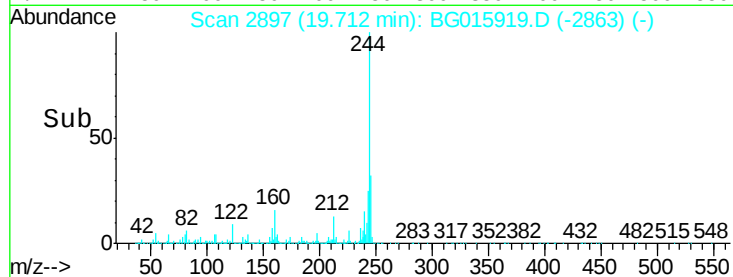
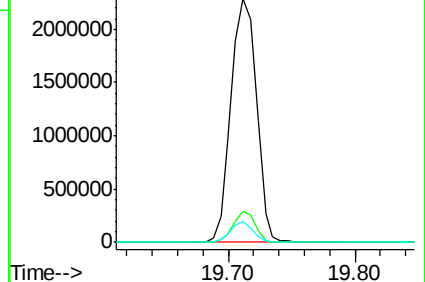
122 8.6 7.0 10.4



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: BG015919.D

Acq: 26 Jan 2015 19:45

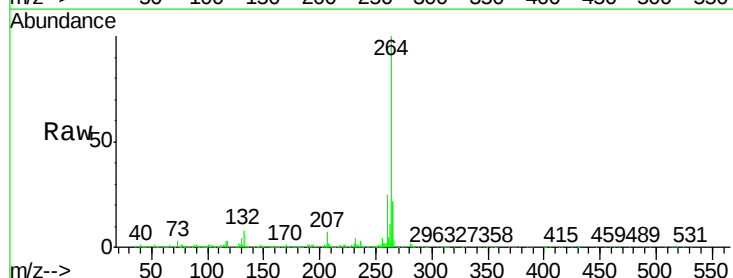
Tgt Ion:264 Resp: 995158

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.6 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

