

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 02:31:26 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

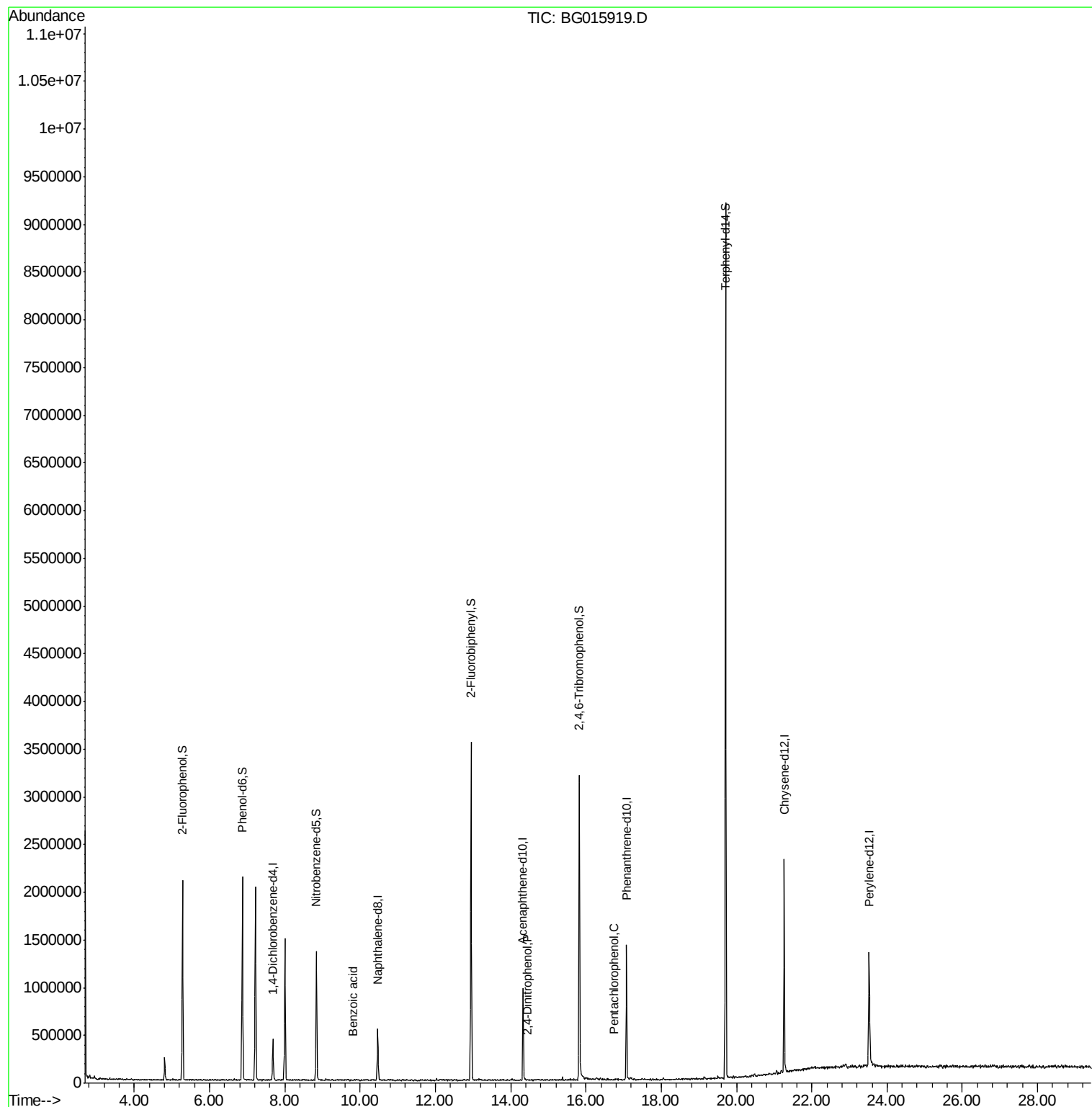
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	80524	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	328916	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	265556	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	771436	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1117866	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						
32) Benzoic acid	9.81	122	340	10.49	ng	# 1
53) 2,4-Dinitrophenol	14.43	184	98	4.54	ng	# 10
69) Pentachlorophenol	16.74	266	131	5.25	ng	# 4

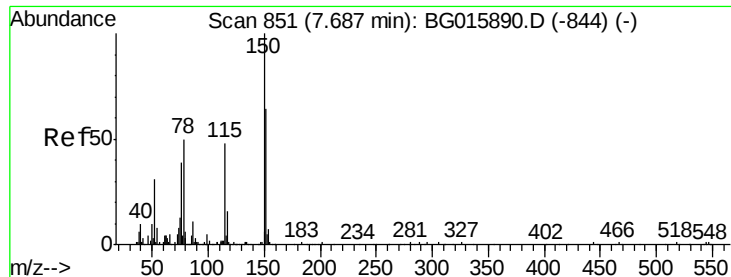
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

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BNA_G

ClientSampleId :

PB81502TB

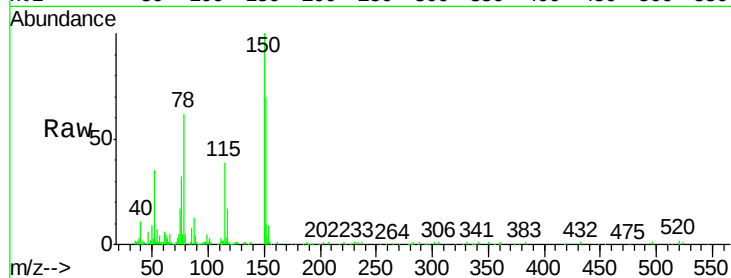
Tgt Ion:152 Resp: 80524

Ion Ratio Lower Upper

152 100

150 142.1 124.5 186.7

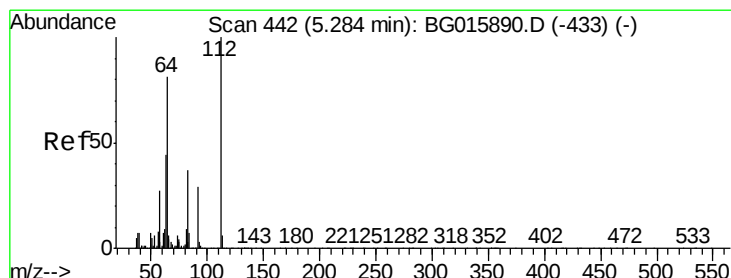
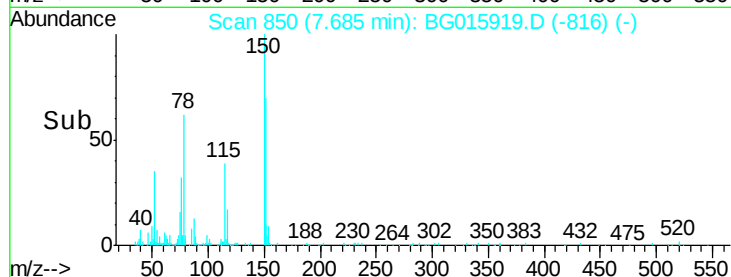
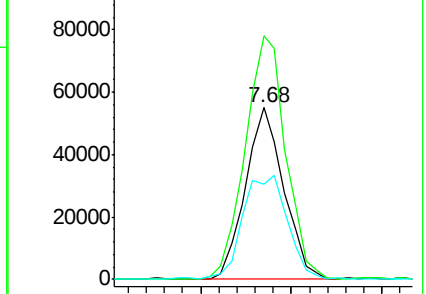
115 55.7 60.4 90.6#



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

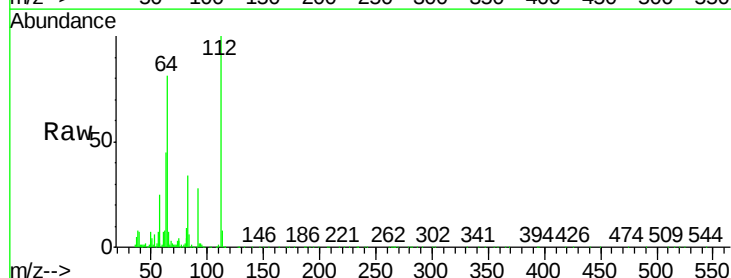
Tgt Ion:112 Resp: 660209

Ion Ratio Lower Upper

112 100

64 81.4 64.4 96.6

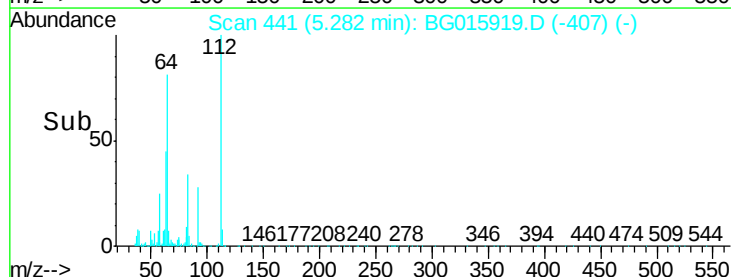
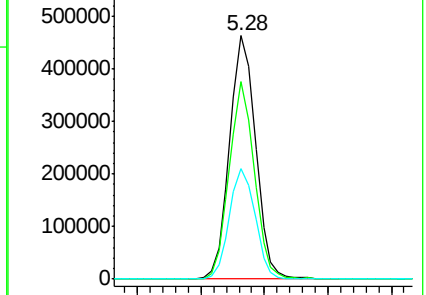
63 45.1 35.1 52.7

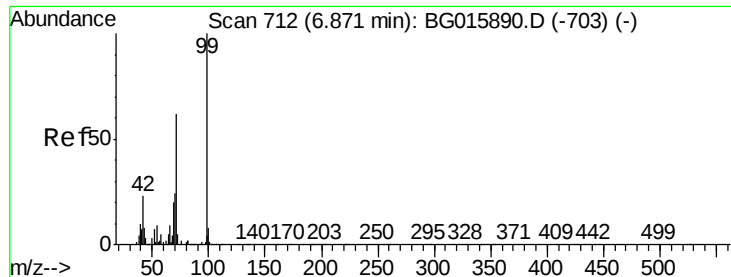


Abundance Ion 112.00 (111.70 to 112.70): E

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

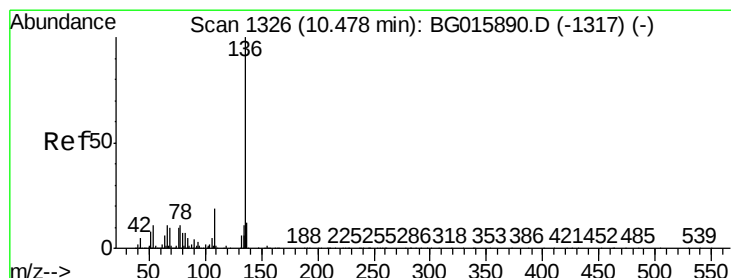
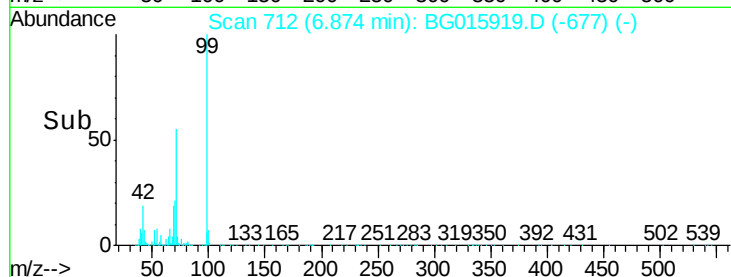
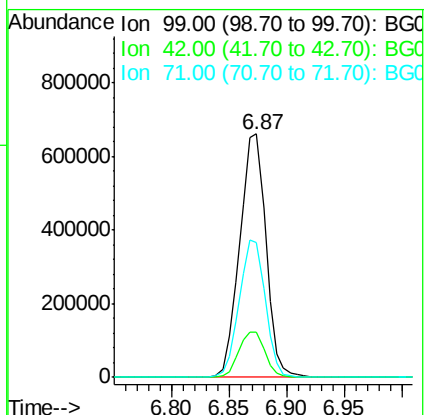
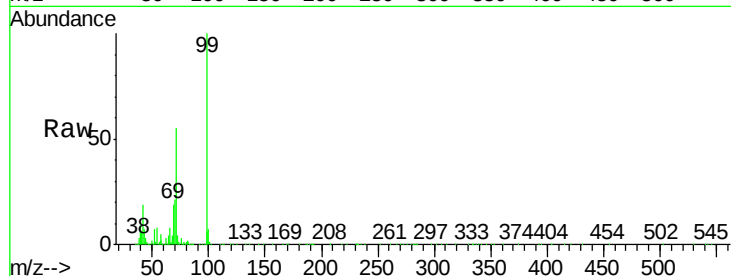
Tgt Ion: 99 Resp: 1045778

Ion Ratio Lower Upper

99 100

42 18.8 18.1 27.1

71 55.4 49.8 74.8



#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

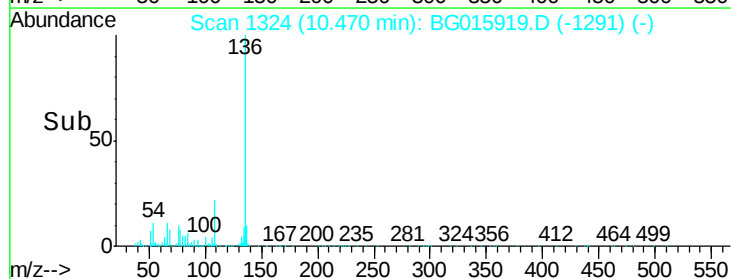
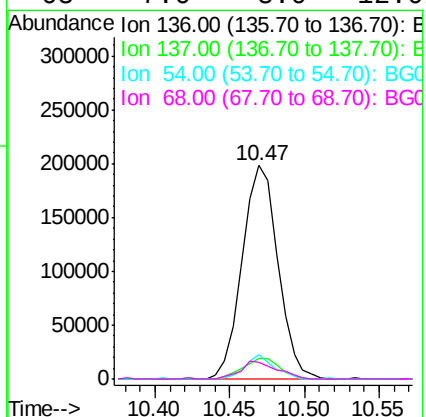
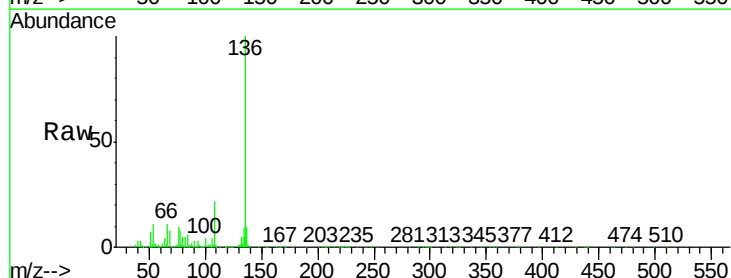
Ion Ratio Lower Upper

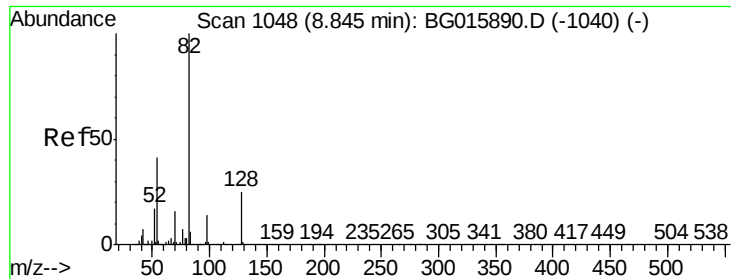
136 100

137 9.9 9.7 14.5

54 11.3 8.5 12.7

68 7.6 8.0 12.0#

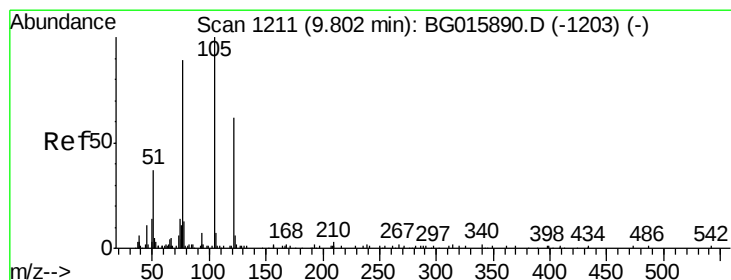
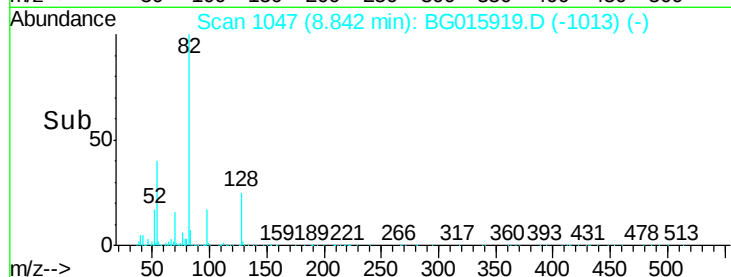
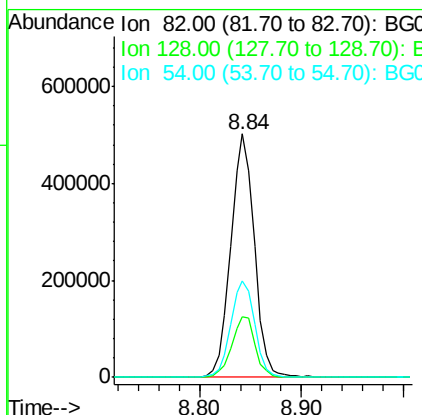
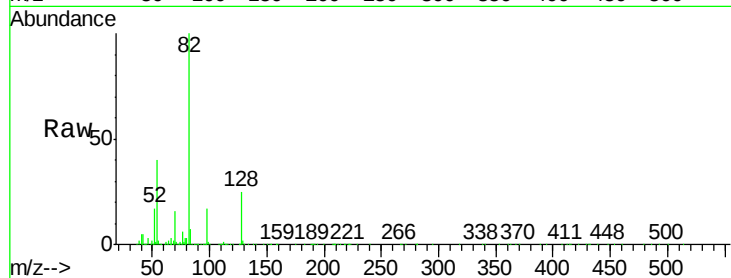




#23
Nitrobenzene-d5
Concen: 70.73 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

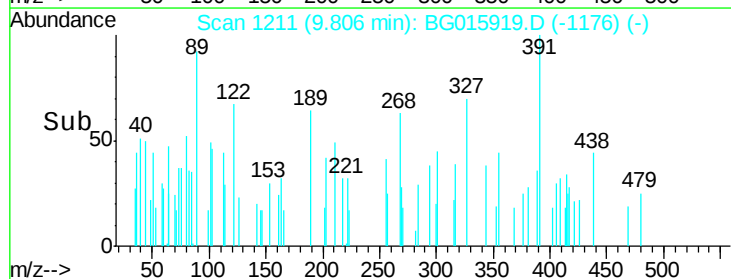
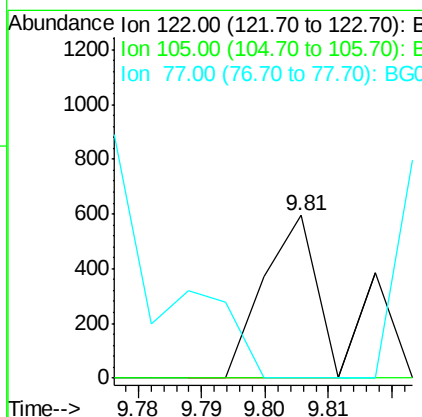
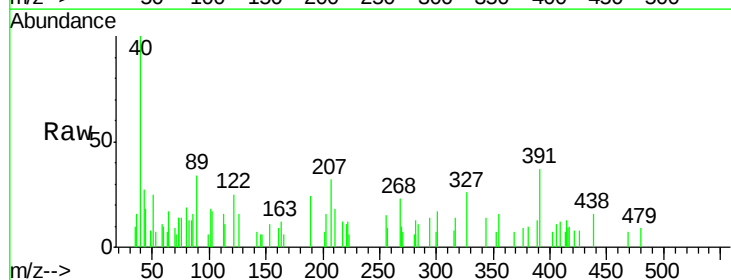
Instrument :
BNA_G
ClientSampleId :
PB81502TB

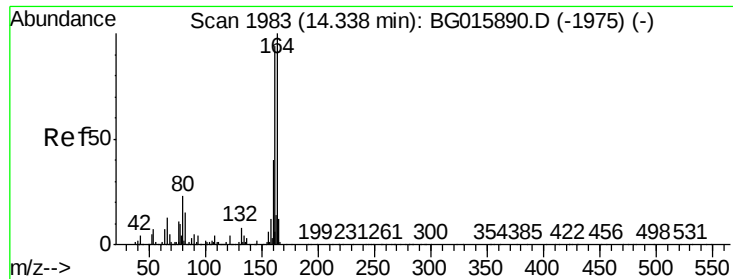
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.7	19.8	29.8
54	39.8	33.0	49.4



#32
Benzoic acid
Concen: 10.49 ng
RT: 9.81 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	0.0	126.4	166.4#

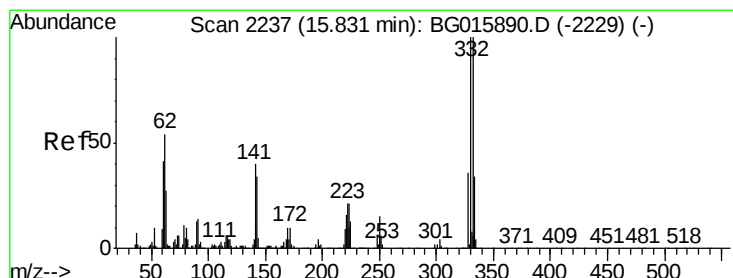
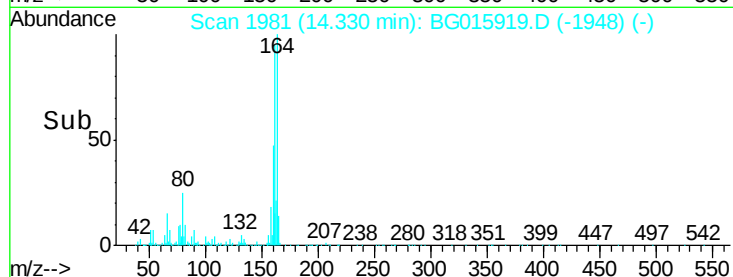
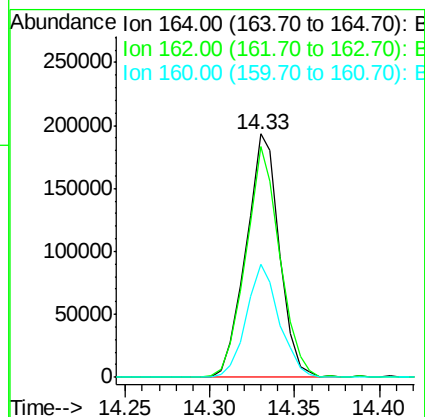
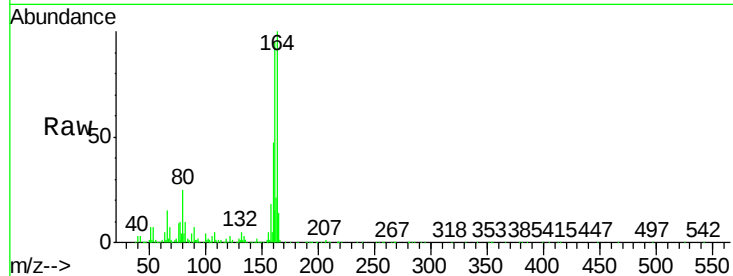




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

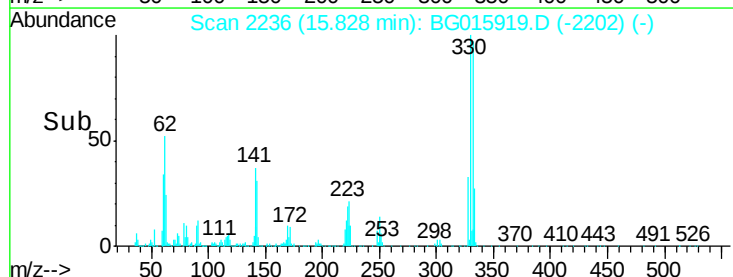
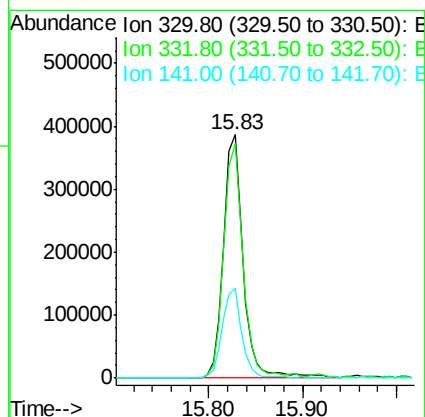
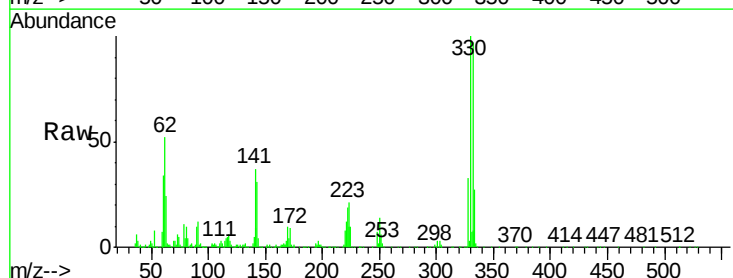
Instrument :
BNA_G
ClientSampleId :
PB81502TB

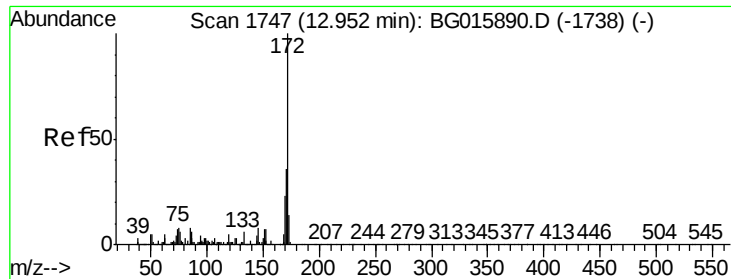
Tgt Ion:164 Resp: 265556
Ion Ratio Lower Upper
164 100
162 94.9 75.1 112.7
160 46.6 32.3 48.5



#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

Tgt Ion:330 Resp: 567827
Ion Ratio Lower Upper
330 100
332 95.2 75.4 113.0
141 36.4 33.0 49.6

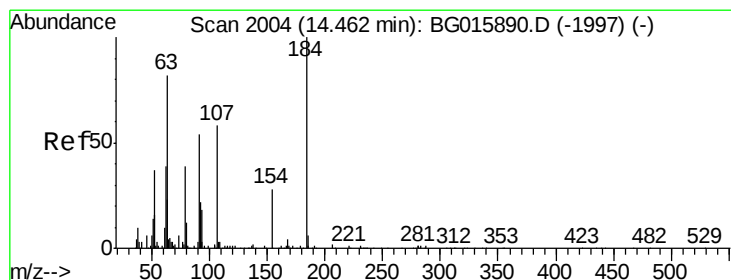
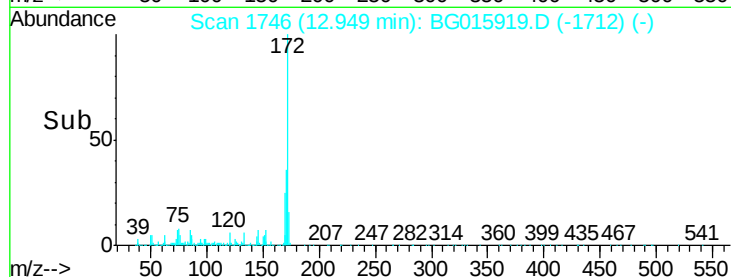
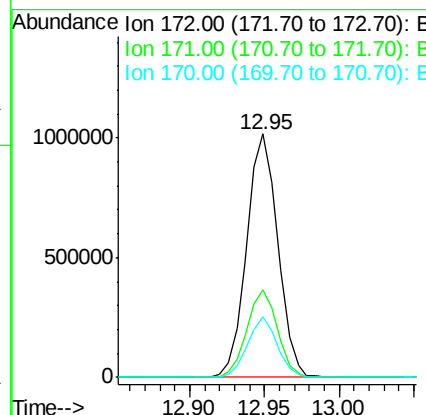
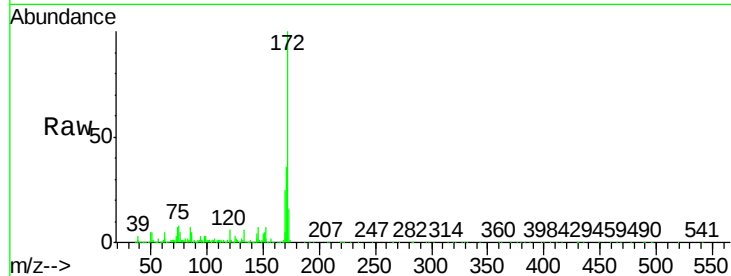




#44
2-Fluorobiphenyl
Concen: 86.36 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

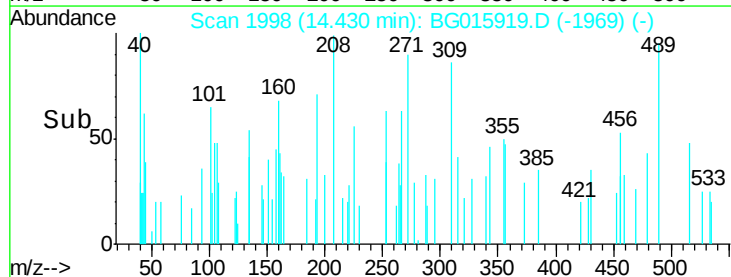
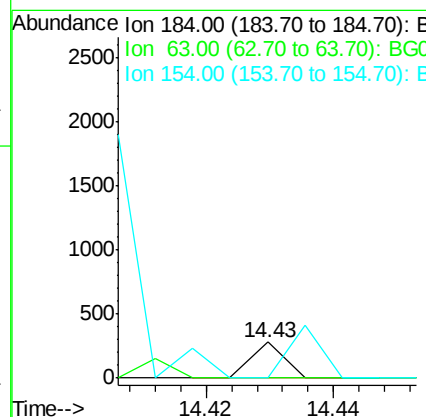
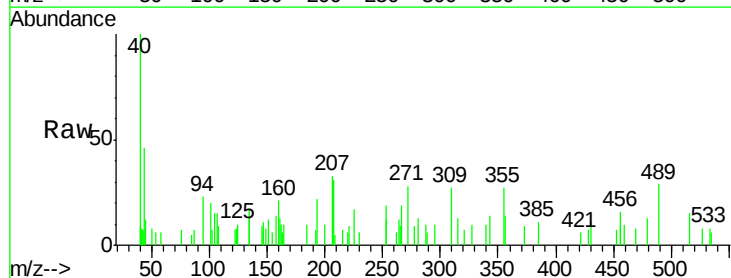
Instrument :
BNA_G
ClientSampleId :
PB81502TB

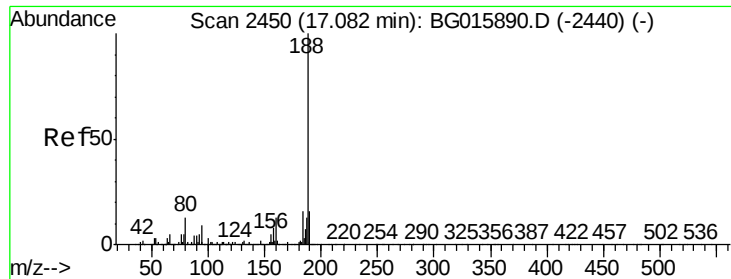
Tgt Ion:172 Resp: 1461656
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 25.1 18.6 27.8



#53
2,4-Dinitrophenol
Concen: 4.54 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

Tgt Ion:184 Resp: 98
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 0.0 54.9 82.3#

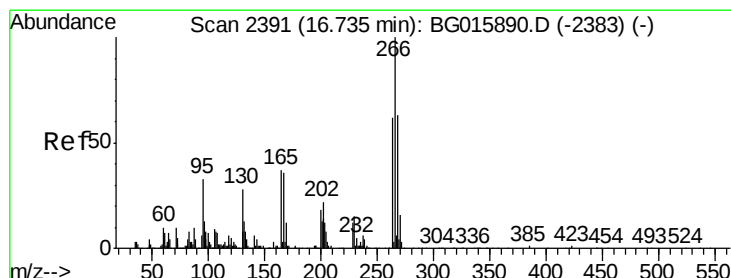
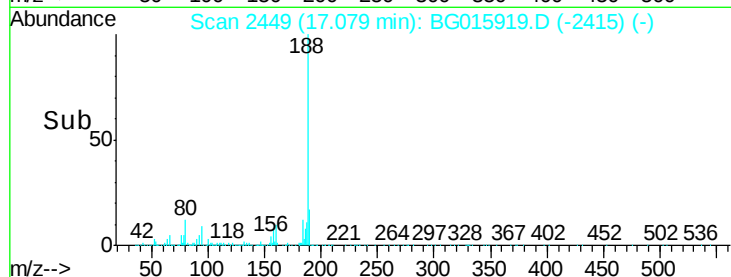
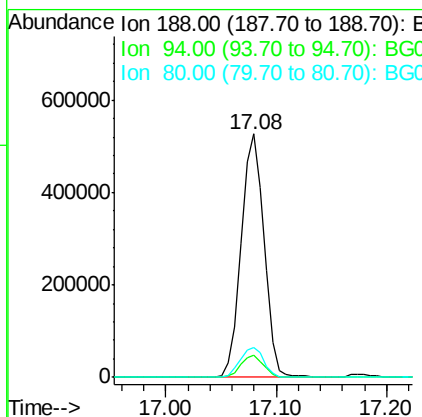
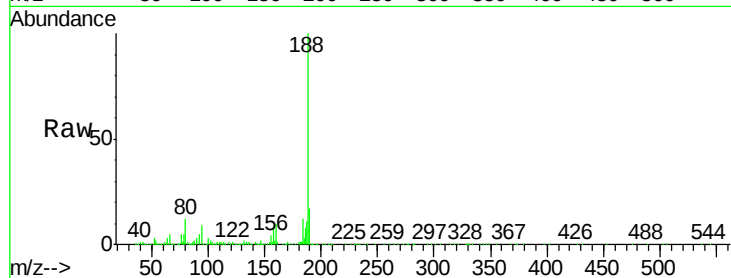




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

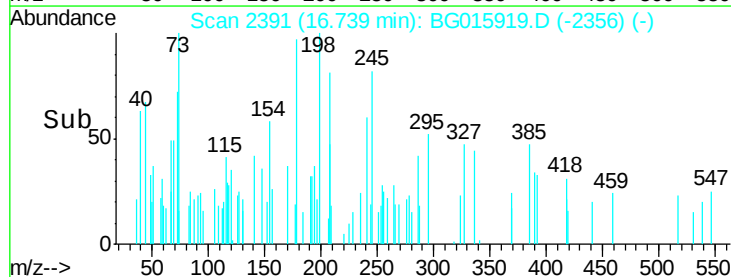
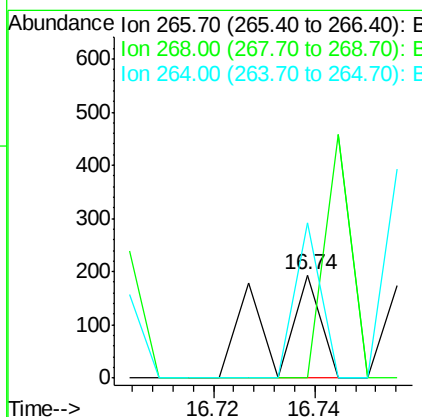
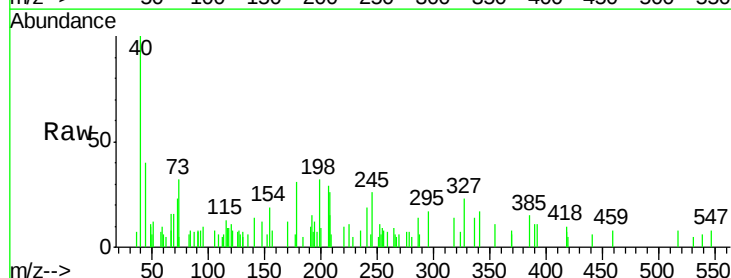
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PB81502TB

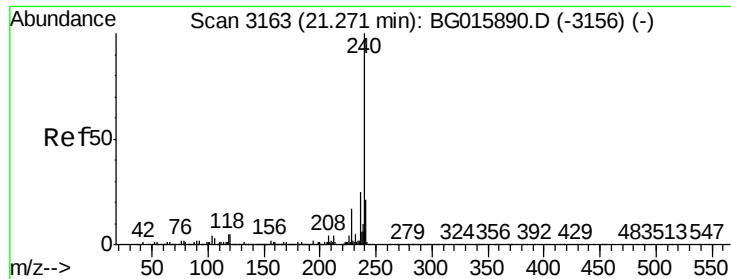
Tgt Ion:188 Resp: 771436
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.8
80 12.4 10.6 16.0



#69
Pentachlorophenol
Concen: 5.25 ng
RT: 16.74 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG015919.D
Acq: 26 Jan 2015 19:45

Tgt Ion:266 Resp: 131
Ion Ratio Lower Upper
266 100
268 0.0 53.5 80.3#
264 150.0 51.9 77.9#





#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

Instrument :

BNA_G

ClientSampleId :

PB81502TB

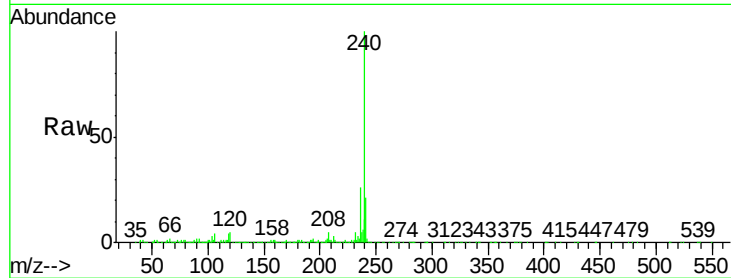
Tgt Ion:240 Resp: 1117866

Ion Ratio Lower Upper

240 100

120 4.5 3.9 5.9

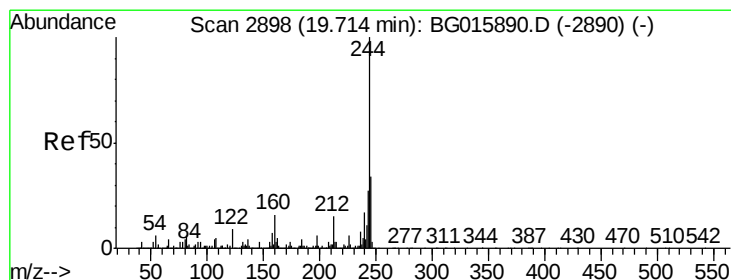
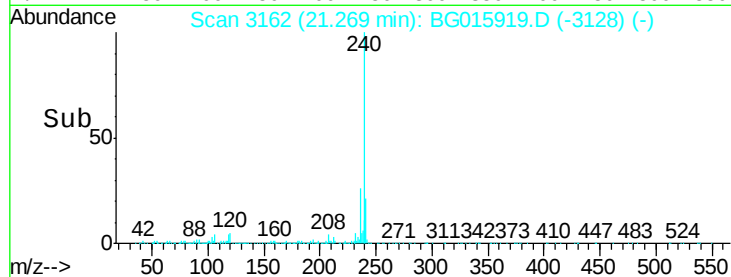
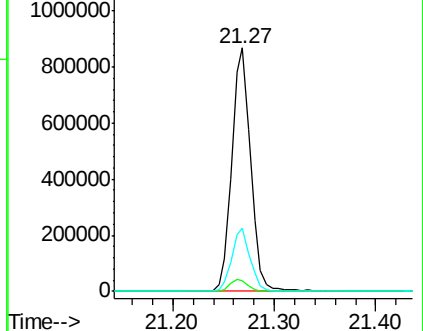
236 25.9 20.0 30.0



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

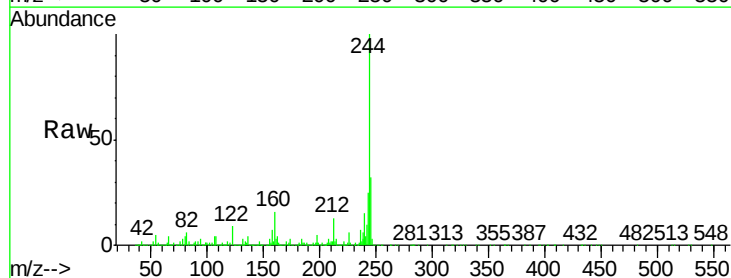
Tgt Ion:244 Resp: 3178457

Ion Ratio Lower Upper

244 100

212 12.7 11.6 17.4

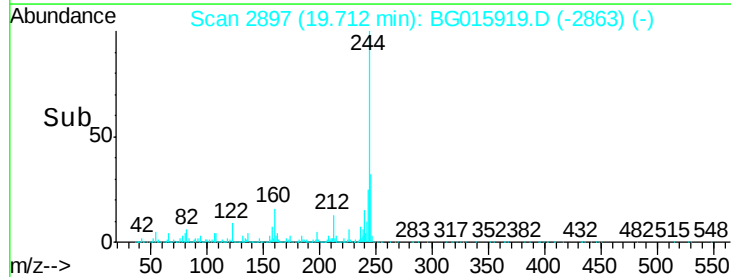
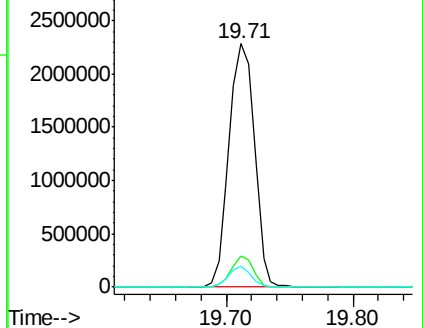
122 8.6 7.0 10.4

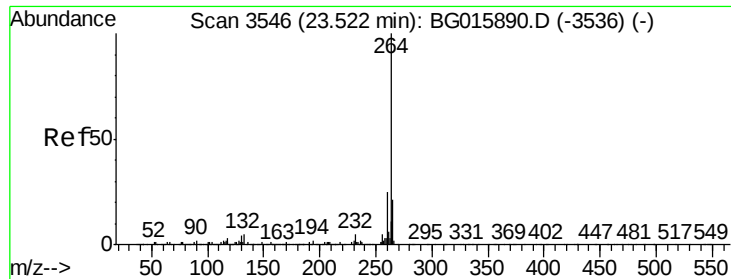


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_G
ClientSampleId :
PB81502TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.6	17.3	25.9

