

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015896.D
 Acq On : 20 Jan 2015 18:09
 Operator : TP/IZ
 Sample : PB81414BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB81414BL

Quant Time: Jan 21 12:40:44 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

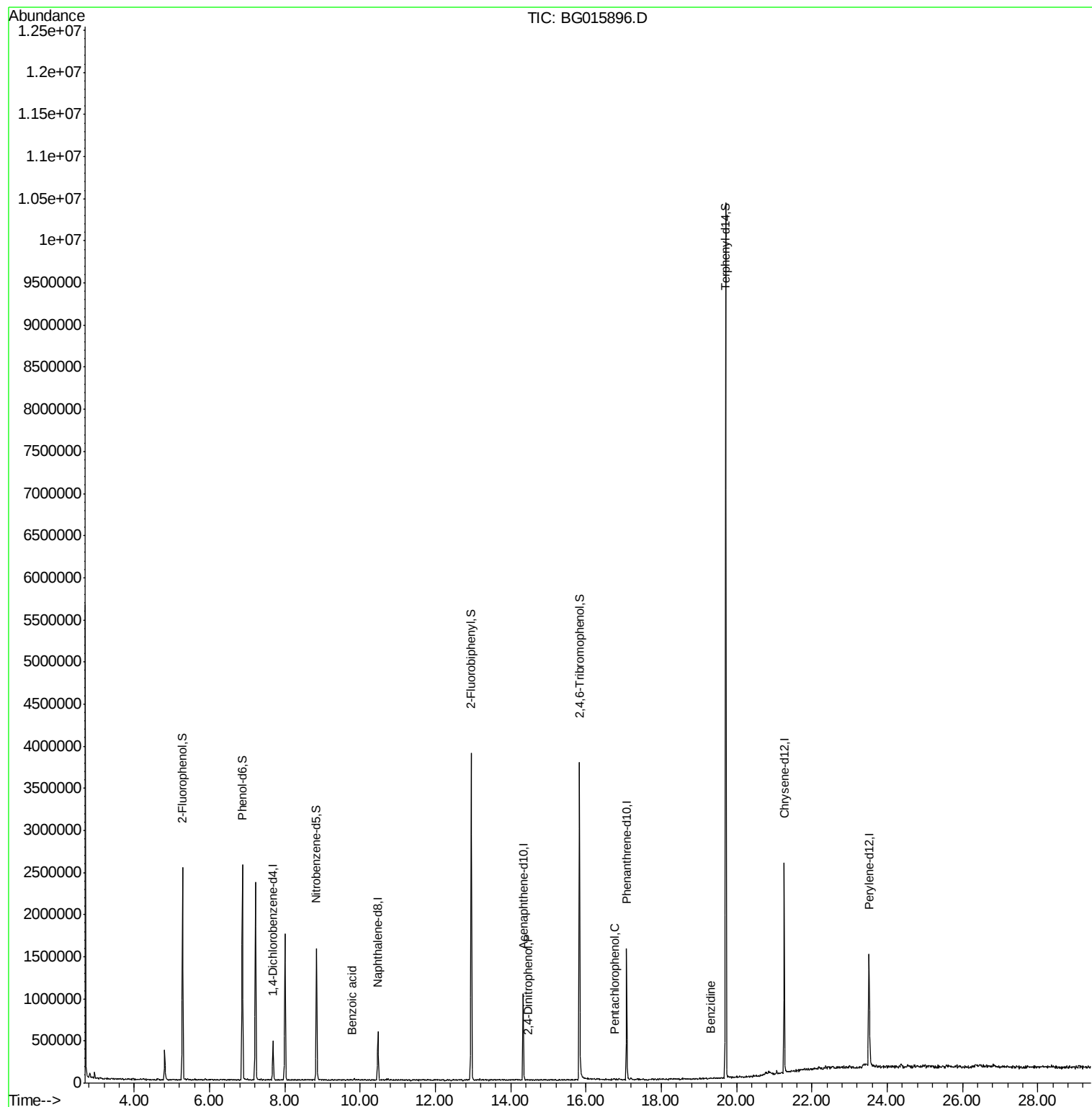
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	92369	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	333295	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	295947	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	819282	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1191843	20.00	ng	0.00
86) Perylene-d12	23.52	264	1086886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	747747	120.55	ng	0.00
7) Phenol-d6	6.87	99	1164016	116.45	ng	0.00
23) Nitrobenzene-d5	8.84	82	970032	83.90	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	609732	112.54	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1600568	84.86	ng	0.00
78) Terphenyl-d14	19.71	244	3536256	84.10	ng	0.00
Target Compounds						
32) Benzoic acid	9.79	122	67	10.29	ng	# 4
53) 2,4-Dinitrophenol	14.45	184	331	4.63	ng	# 10
69) Pentachlorophenol	16.75	266	83	5.24	ng	# 17
76) Benzidine	19.32	184	362	2.00	ng	# 1
80) Benzo(a)anthracene	21.27	228	6324	Below Cal		# 60

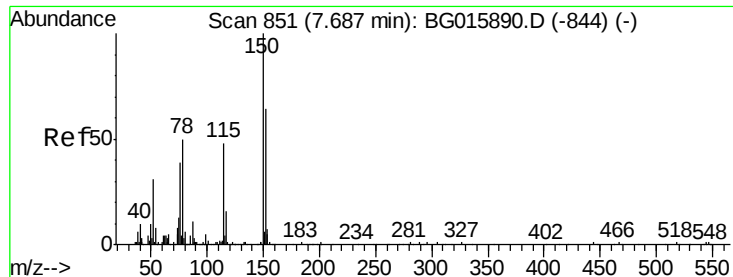
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

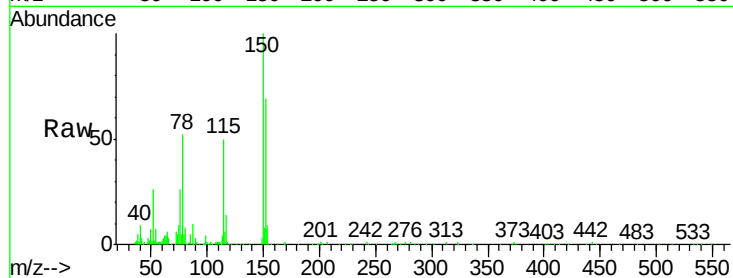
Tgt Ion:152 Resp: 92369

Ion Ratio Lower Upper

152 100

150 143.9 124.5 186.7

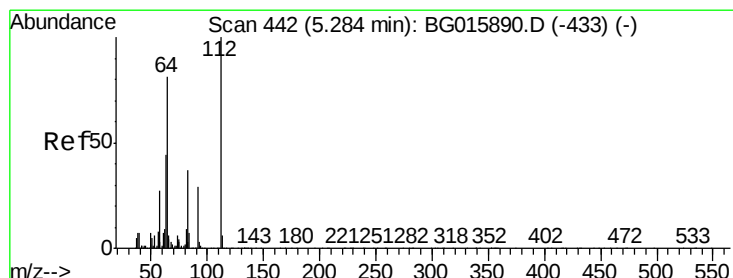
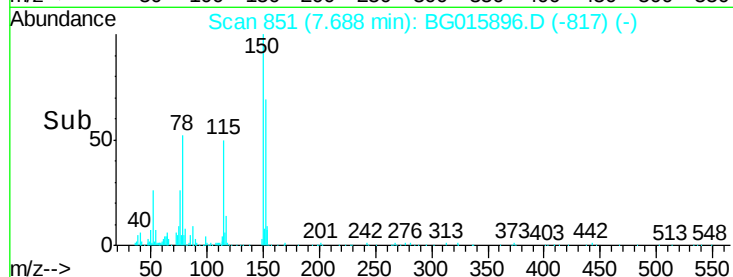
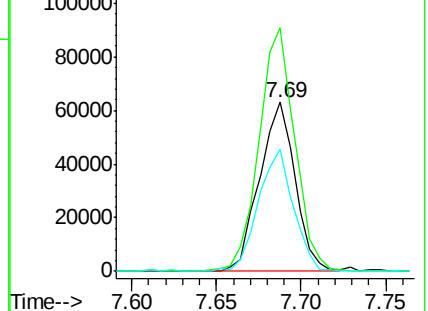
115 72.4 60.4 90.6



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: 120.55 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

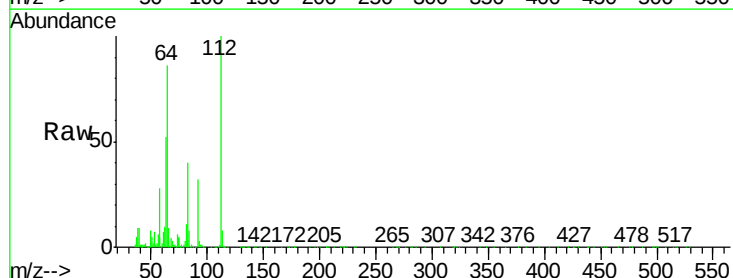
Tgt Ion:112 Resp: 747747

Ion Ratio Lower Upper

112 100

64 85.8 64.4 96.6

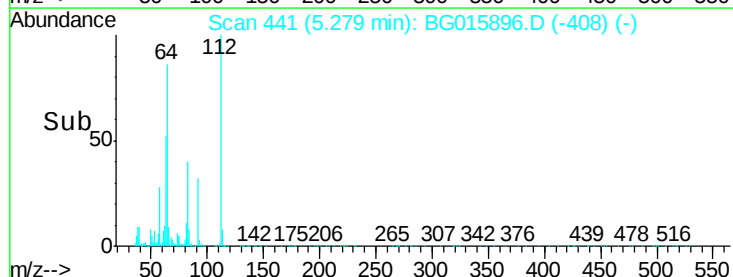
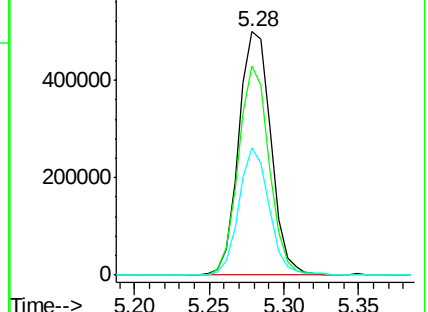
63 52.0 35.1 52.7

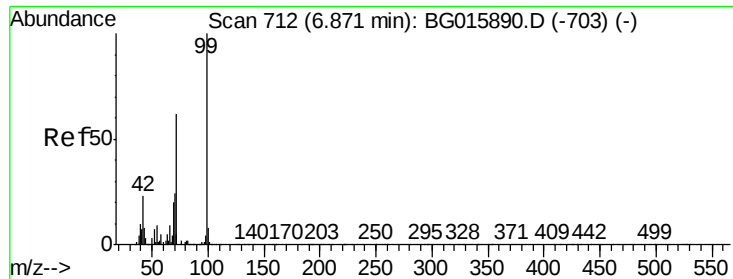


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.45 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

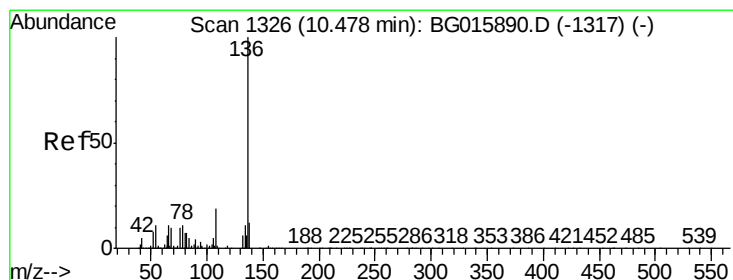
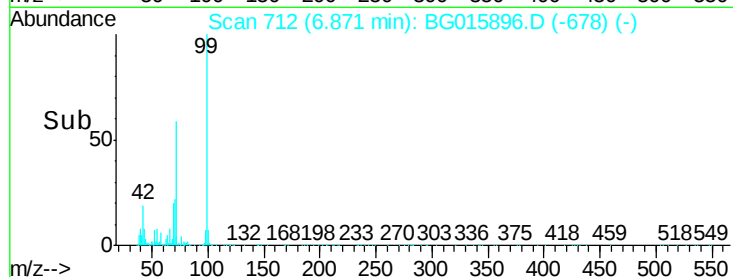
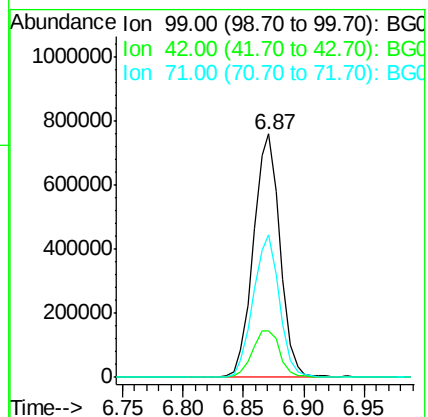
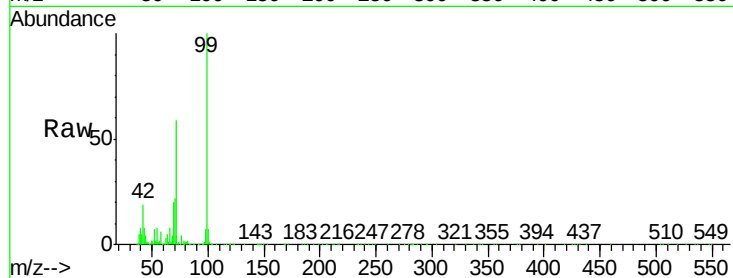
Tgt Ion: 99 Resp: 1164016

Ion Ratio Lower Upper

99 100

42 19.3 18.1 27.1

71 58.6 49.8 74.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Tgt Ion: 136 Resp: 333295

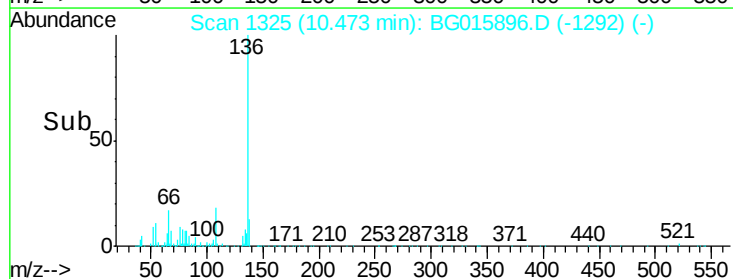
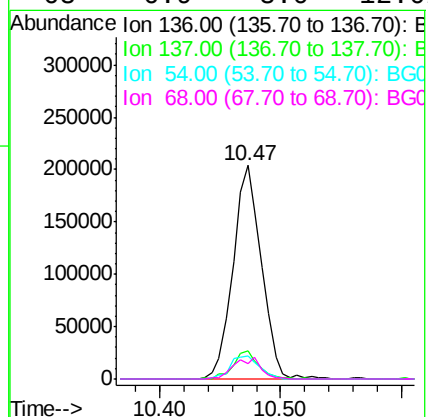
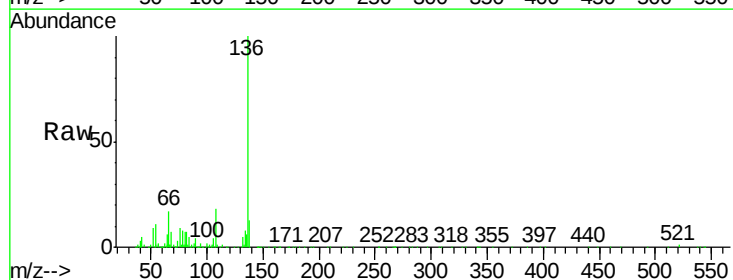
Ion Ratio Lower Upper

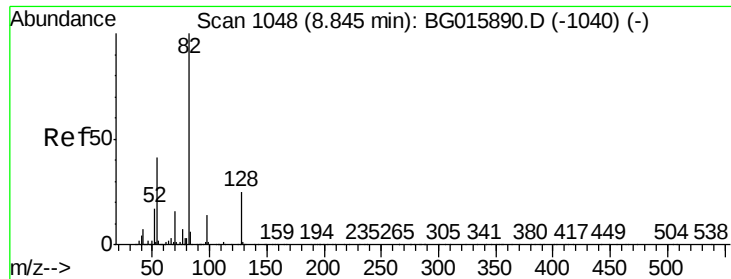
136 100

137 13.2 9.7 14.5

54 11.1 8.5 12.7

68 6.9 8.0 12.0#

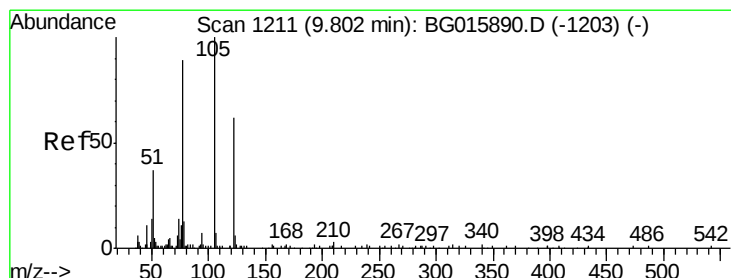
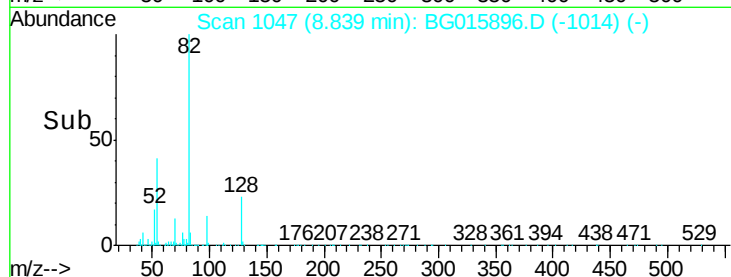
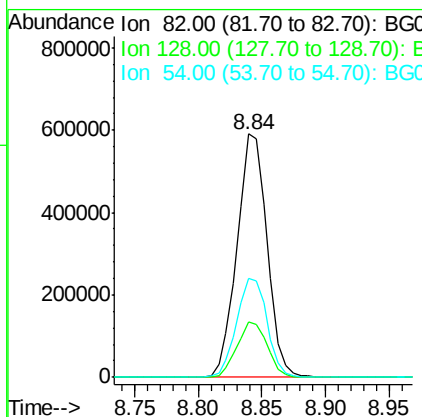
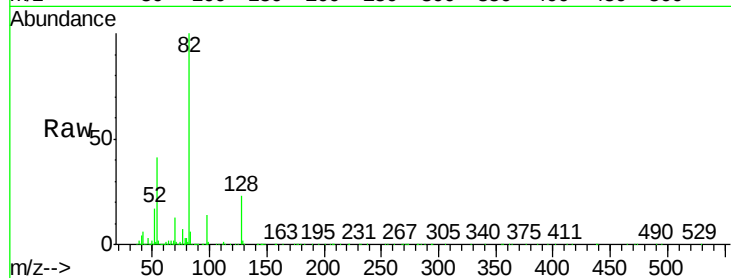




#23
Nitrobenzene-d5
Concen: 83.90 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

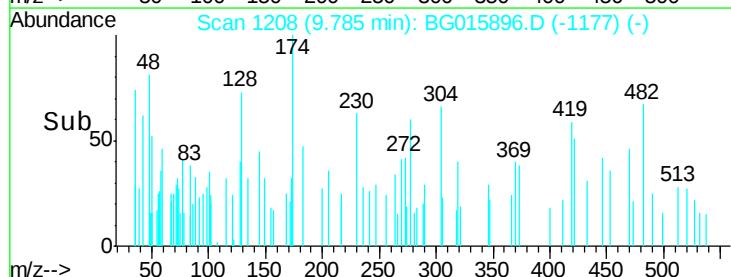
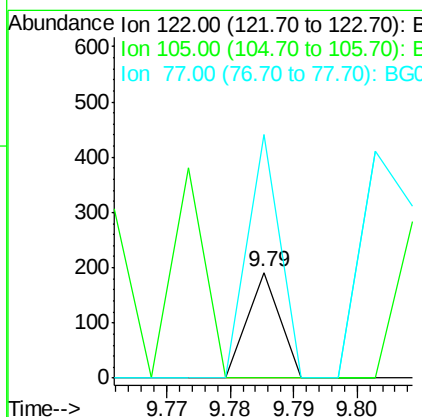
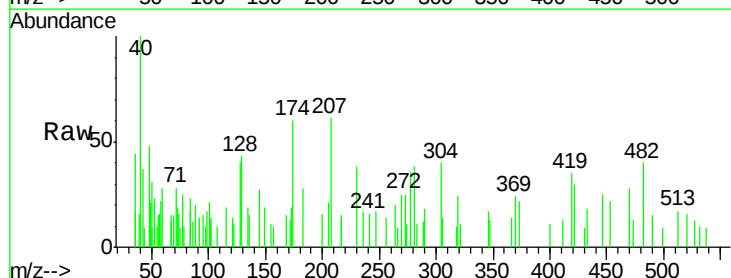
Instrument :
BNA_G
ClientSampleId :
PB81414BL

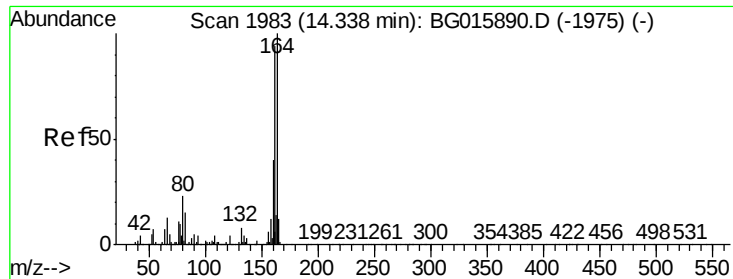
Tgt Ion	Ratio	Lower	Upper
82	100		
128	22.7	19.8	29.8
54	40.9	33.0	49.4



#32
Benzoic acid
Concen: 10.29 ng
RT: 9.79 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	230.9	126.4	166.4#

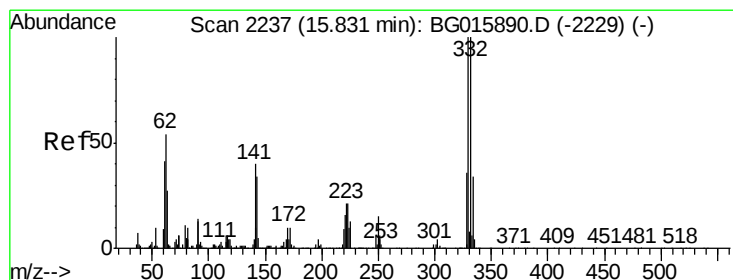
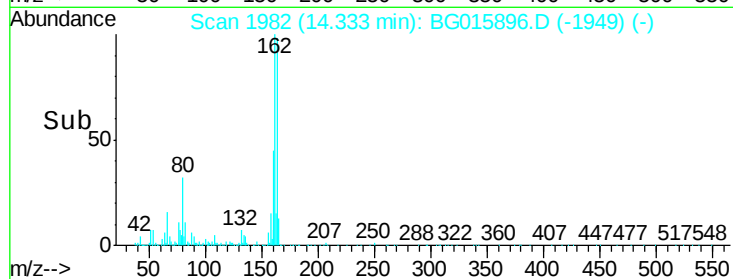
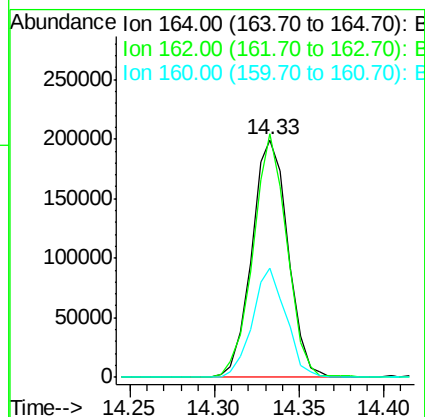
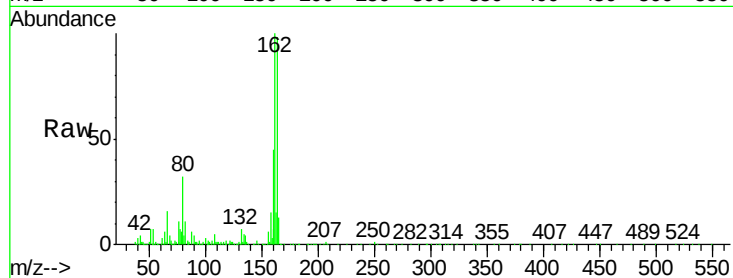




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

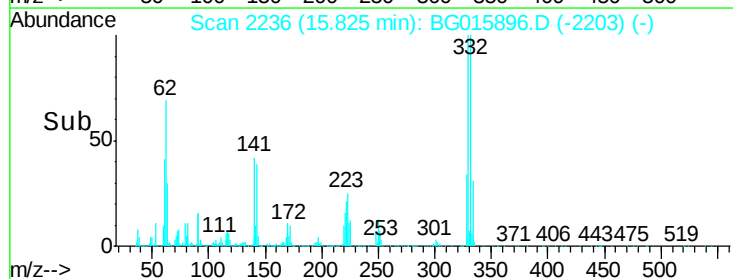
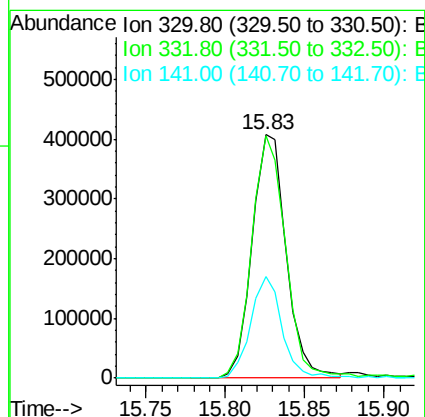
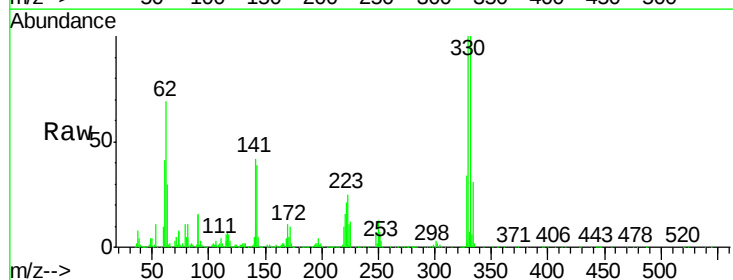
Instrument :
BNA_G
ClientSampleId :
PB81414BL

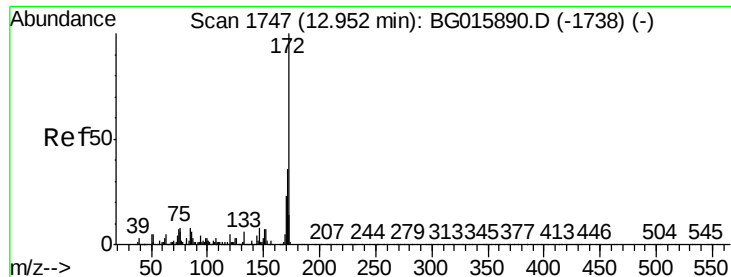
Tgt Ion:164 Resp: 295947
Ion Ratio Lower Upper
164 100
162 102.5 75.1 112.7
160 45.8 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 112.54 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

Tgt Ion:330 Resp: 609732
Ion Ratio Lower Upper
330 100
332 98.9 75.4 113.0
141 38.5 33.0 49.6

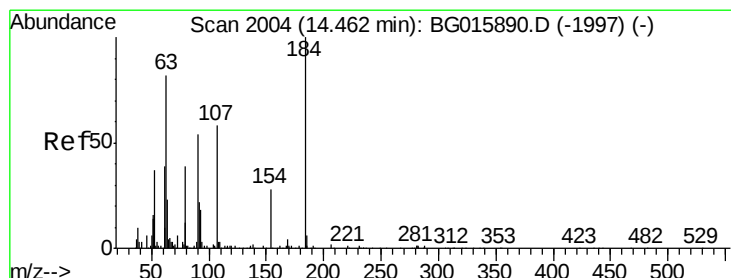
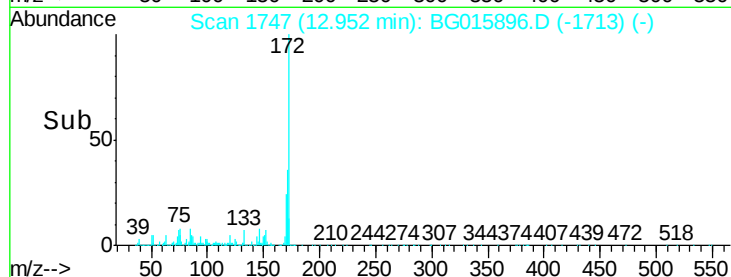
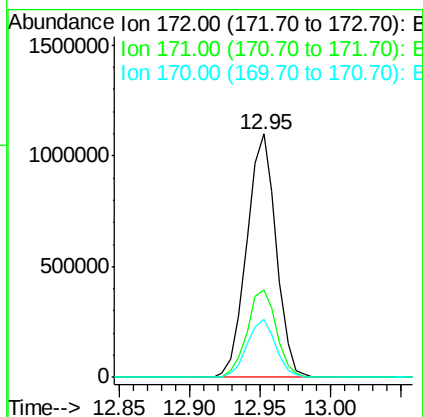
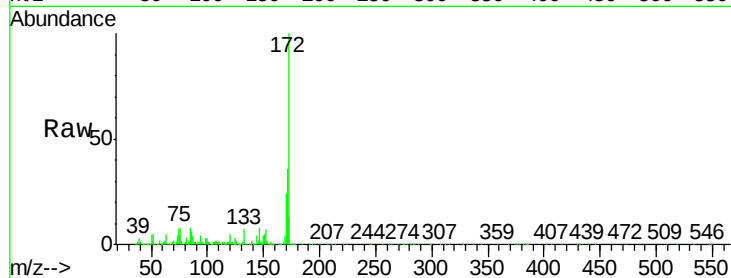




#44
2-Fluorobiphenyl
Concen: 84.86 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

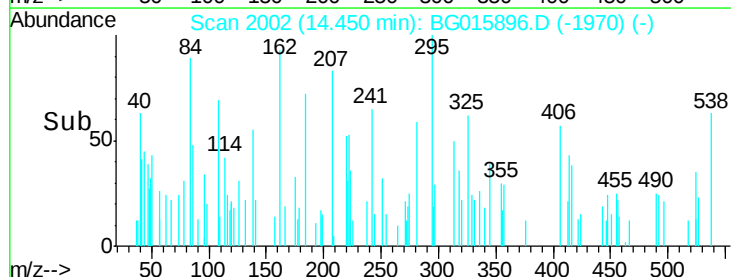
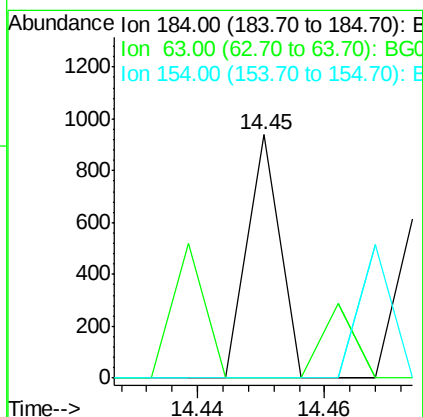
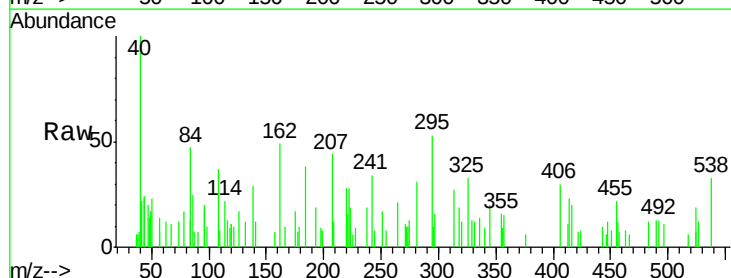
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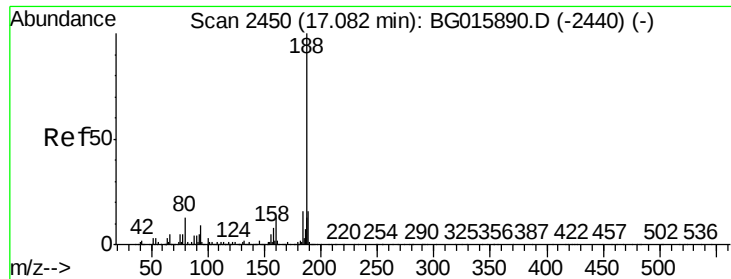
Tgt Ion:172 Resp: 1600568
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.6 18.6 27.8



#53
2,4-Dinitrophenol
Concen: 4.63 ng
RT: 14.45 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

Tgt Ion:184 Resp: 331
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 0.0 54.9 82.3#

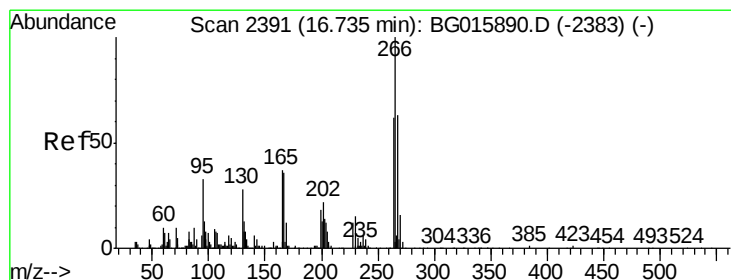
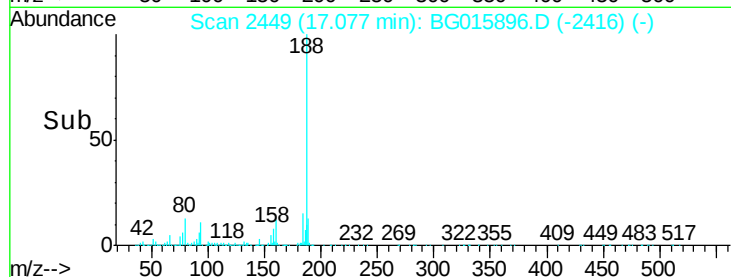
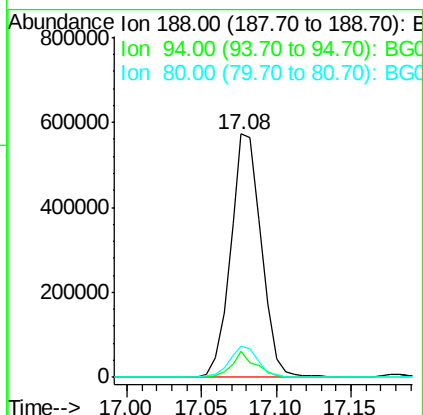
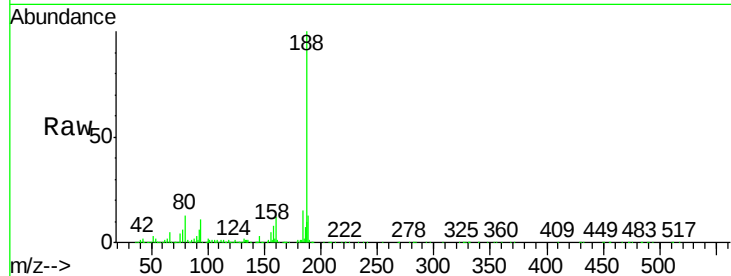




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

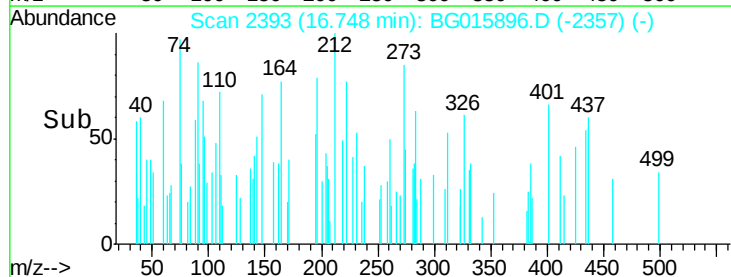
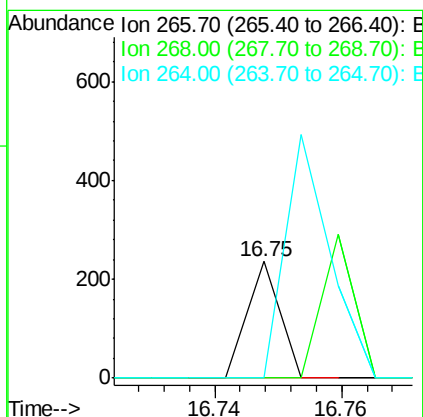
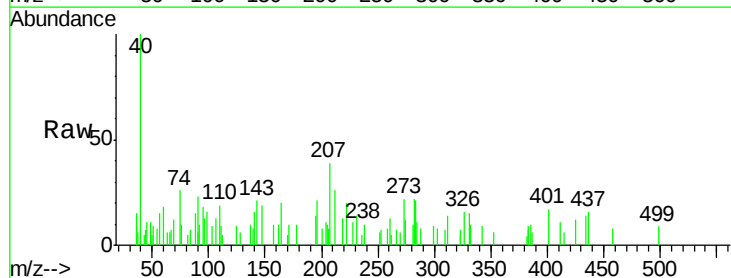
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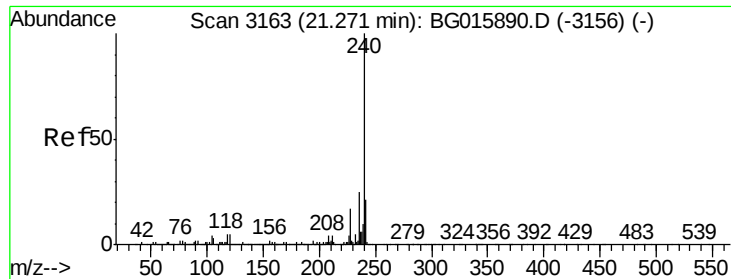
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.8
80	12.7	10.6	16.0



#69
Pentachlorophenol
Concen: 5.24 ng
RT: 16.75 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BG015896.D
Acq: 20 Jan 2015 18:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.5	80.3#
264	0.0	51.9	77.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

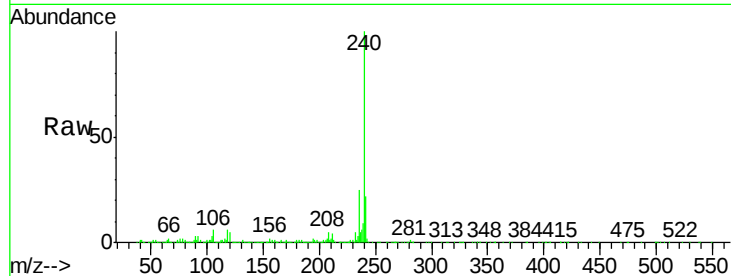
Tgt Ion:240 Resp: 1191843

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

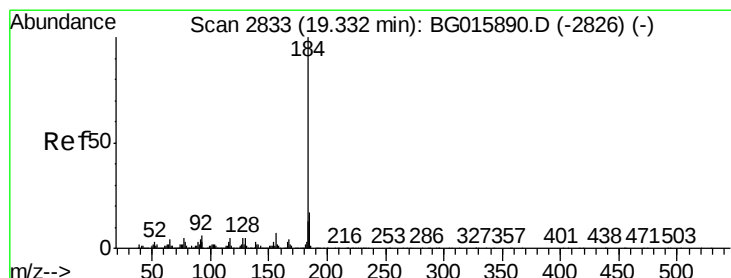
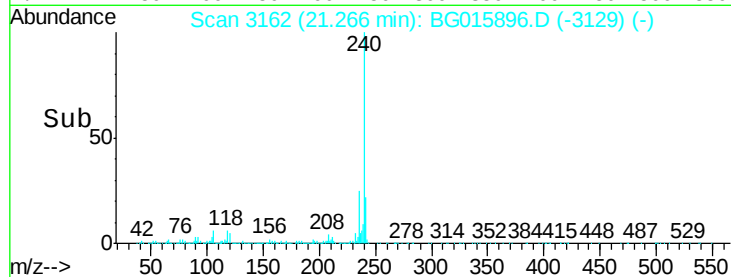
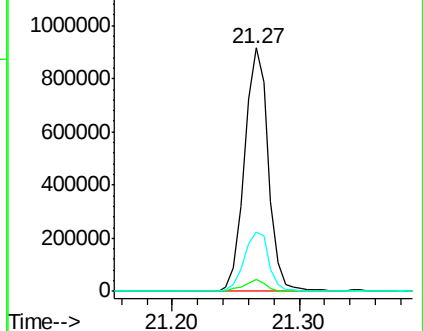
236 24.6 20.0 30.0



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



#76

Benzidine

Concen: 2.00 ng

RT: 19.32 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

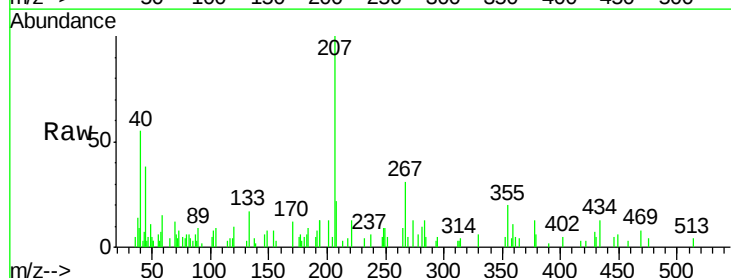
Tgt Ion:184 Resp: 362

Ion Ratio Lower Upper

184 100

185 0.0 13.3 19.9#

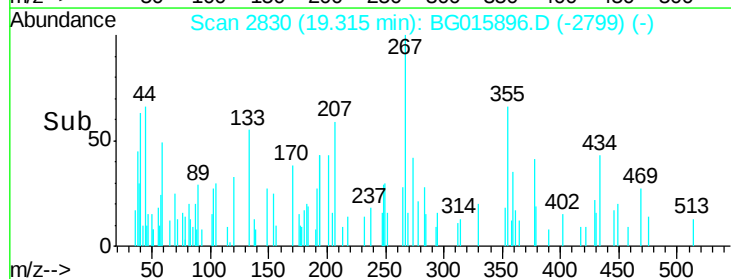
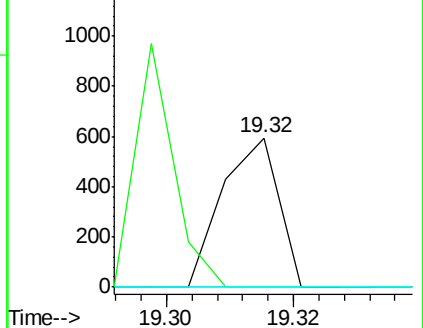
183 100.0 10.1 15.1#

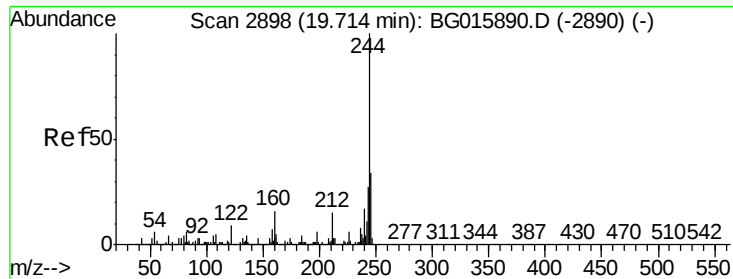


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 84.10 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

Instrument :

BNA_G

ClientSampleId :

PB81414BL

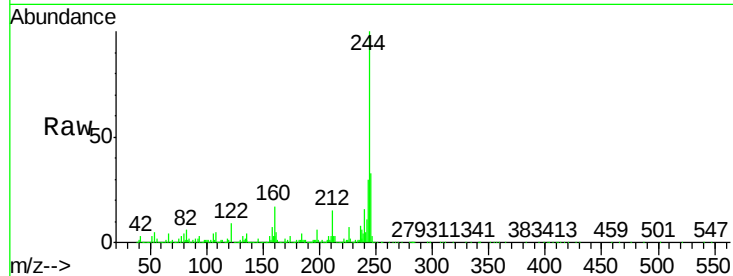
Tgt Ion:244 Resp: 3536256

Ion Ratio Lower Upper

244 100

212 14.7 11.6 17.4

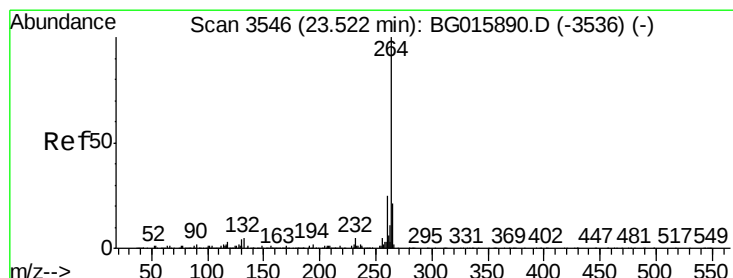
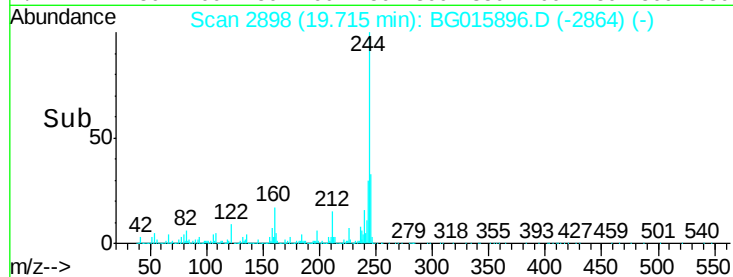
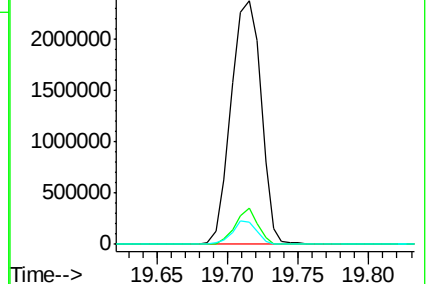
122 9.2 7.0 10.4



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# 3545

Delta R.T. -0.01 min

Lab File: BG015896.D

Acq: 20 Jan 2015 18:09

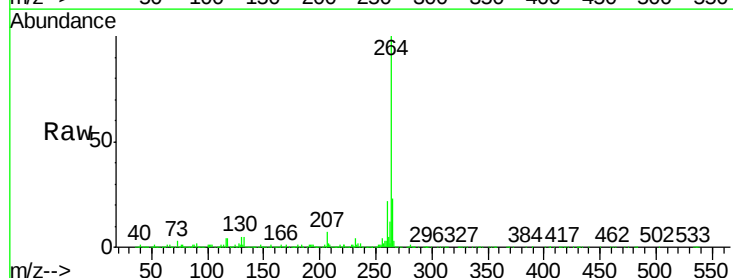
Tgt Ion:264 Resp: 1086886

Ion Ratio Lower Upper

264 100

260 22.3 19.7 29.5

265 22.9 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

