

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015925.D
 Acq On : 26 Jan 2015 23:12
 Operator : TP/IZ
 Sample : G1167-04
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Quant Time: Jan 27 02:33:14 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

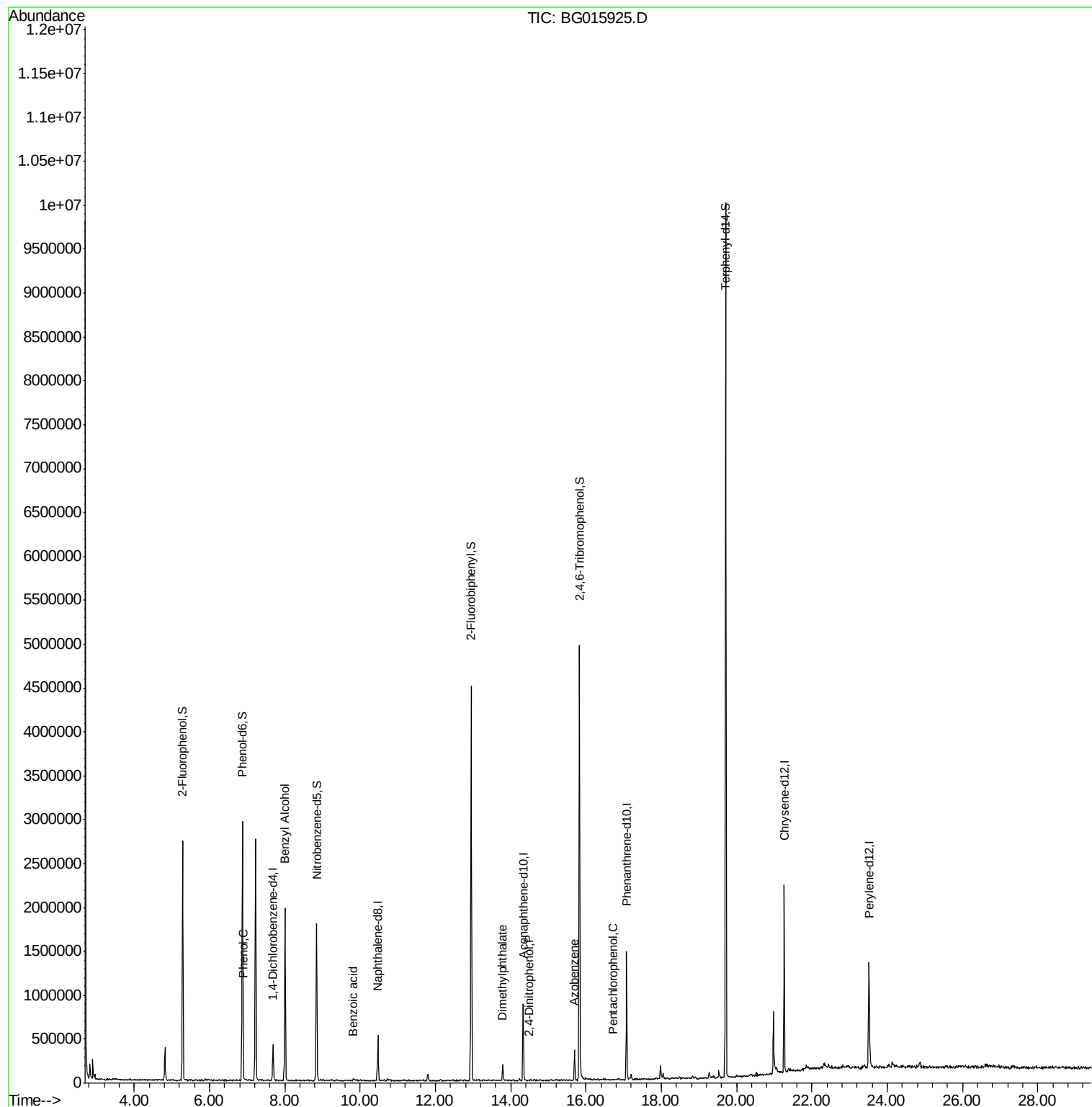
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79031	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	315565	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	253916	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	741716	20.00	ng	0.00
75) Chrysene-d12	21.27	240	987918	20.00	ng	0.00
86) Perylene-d12	23.52	264	980500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	860601	162.16	ng	0.00
7) Phenol-d6	6.87	99	1372489	160.48	ng	0.00
23) Nitrobenzene-d5	8.85	82	1095766	100.09	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	798028	171.68	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1897754	117.27	ng	0.00
78) Terphenyl-d14	19.72	244	3457498	112.23	ng	0.00
Target Compounds						
10) Phenol	6.90	94	33212	3.41	ng	# 69
15) Benzyl Alcohol	8.00	79	22268	2.38	ng	# 52
32) Benzoic acid	9.81	122	108	10.32	ng	# 9
49) Dimethylphthalate	13.79	163	89092	4.88	ng	98
53) 2,4-Dinitrophenol	14.49	184	157	4.57	ng	# 10
62) Azobenzene	15.70	77	122543	4.06	ng	# 31
69) Pentachlorophenol	16.72	266	724	5.37	ng	# 64
80) Benzo(a)anthracene	21.27	228	4794	Below Cal		# 73

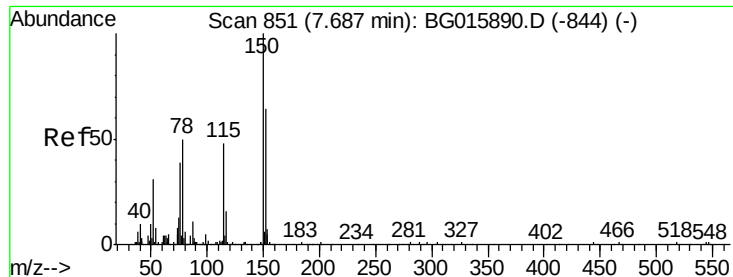
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG015925.D

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SB-04-COMP

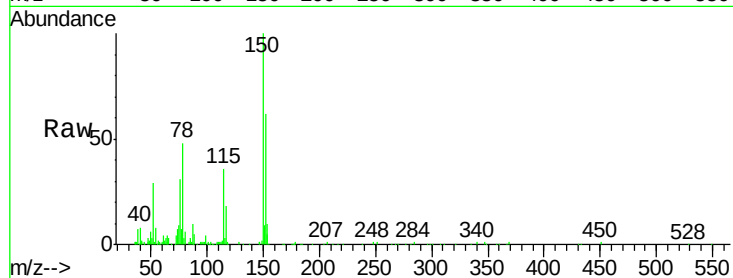
Tgt Ion:152 Resp: 79031

Ion Ratio Lower Upper

152 100

150 160.9 124.5 186.7

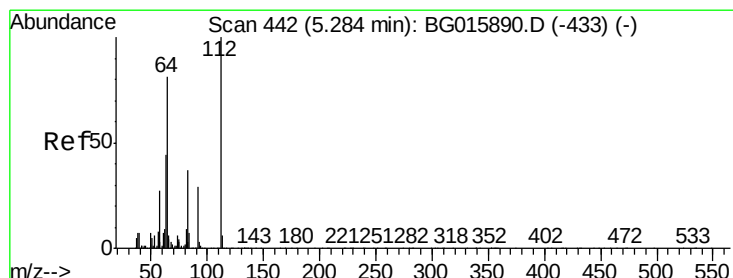
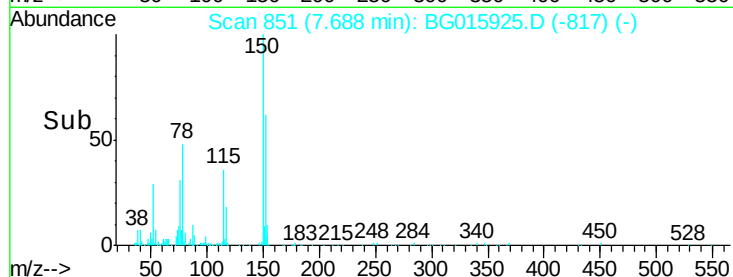
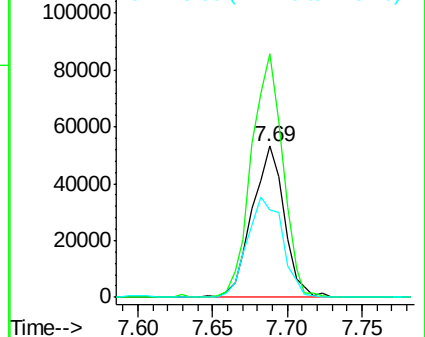
115 58.0 60.4 90.6#



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: 162.16 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

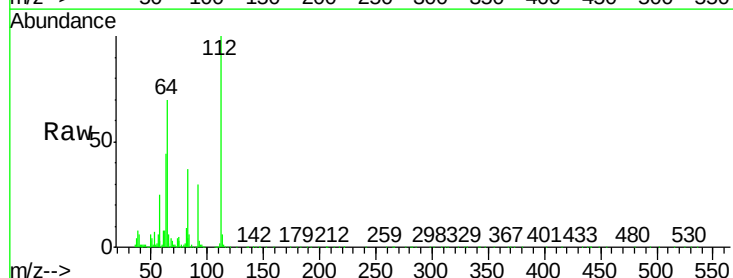
Tgt Ion:112 Resp: 860601

Ion Ratio Lower Upper

112 100

64 69.5 64.4 96.6

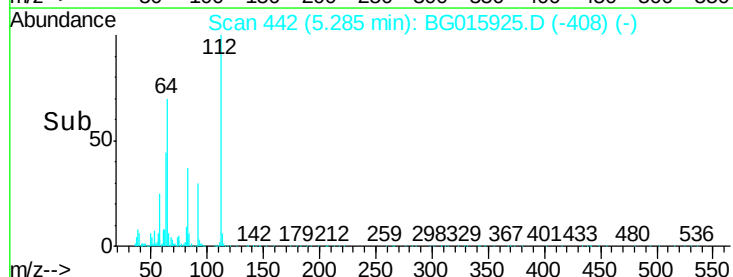
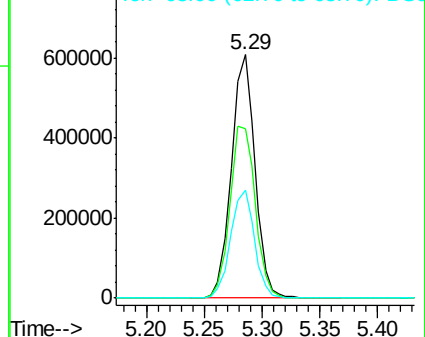
63 44.1 35.1 52.7

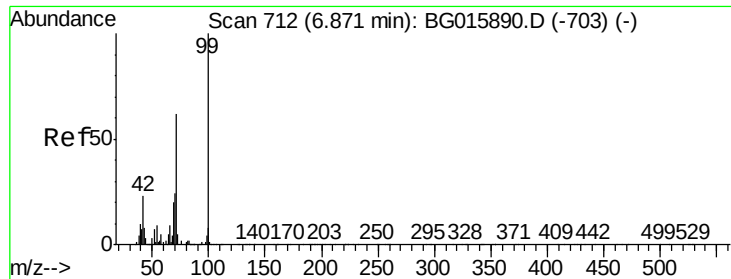


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 160.48 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

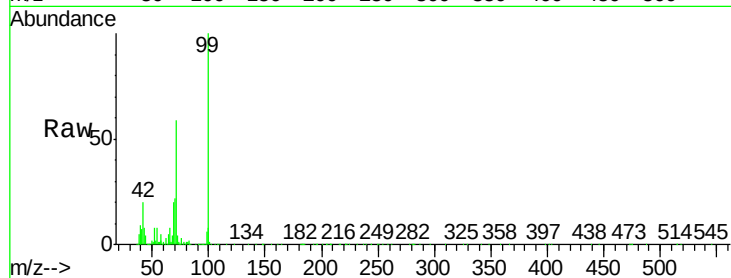
Tgt Ion: 99 Resp: 1372489

Ion Ratio Lower Upper

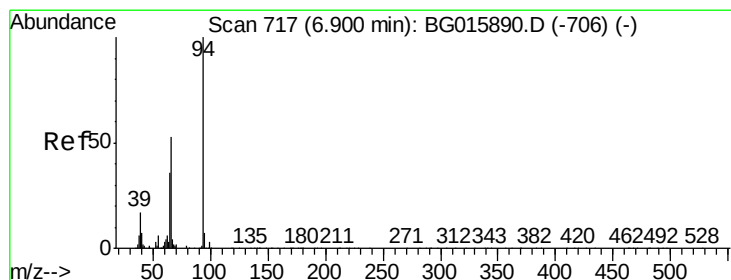
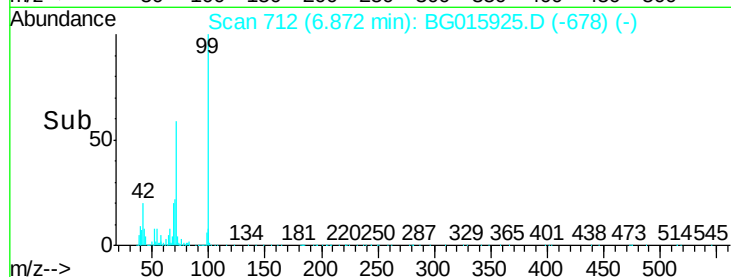
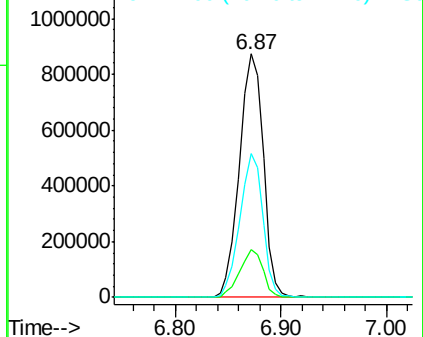
99 100

42 19.9 18.1 27.1

71 59.1 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



#10

Phenol

Concen: 3.41 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

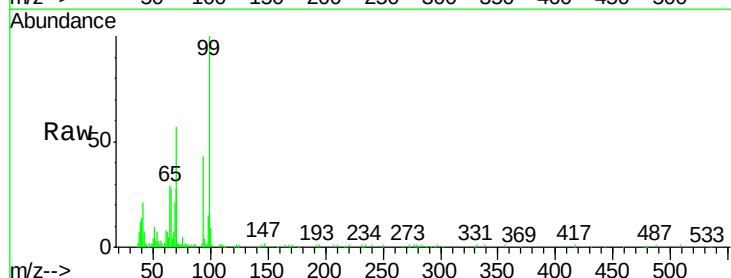
Tgt Ion: 94 Resp: 33212

Ion Ratio Lower Upper

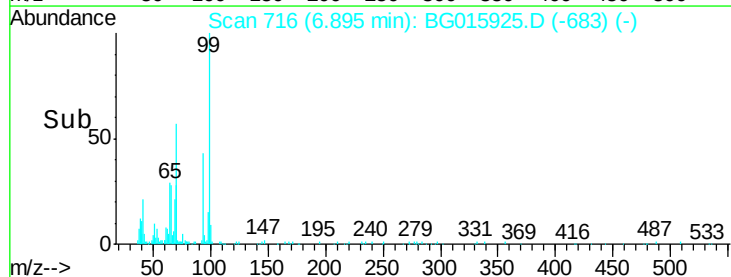
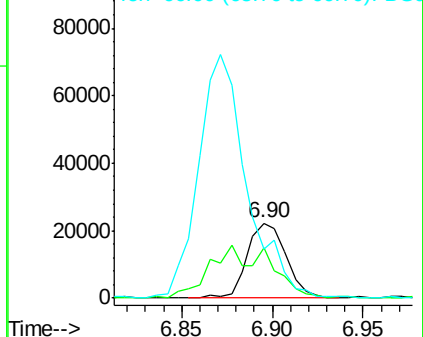
94 100

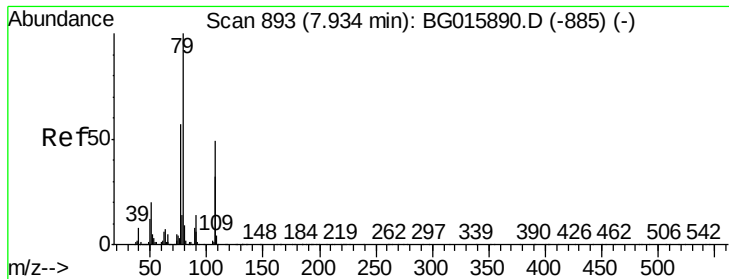
65 67.5 16.5 56.5#

66 64.7 33.3 73.3



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 8.00 min Scan# 904

Delta R.T. 0.07 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

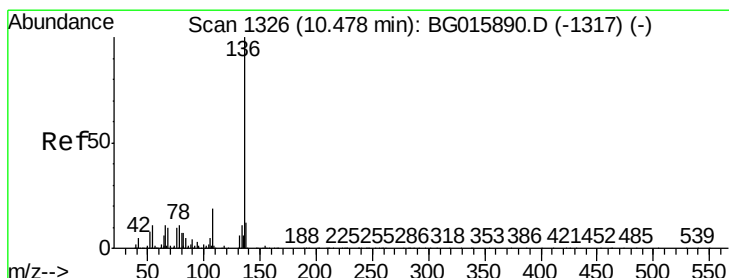
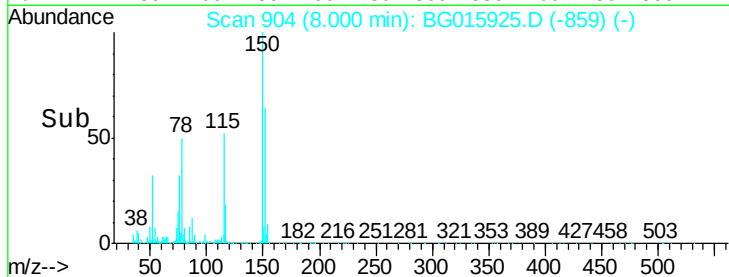
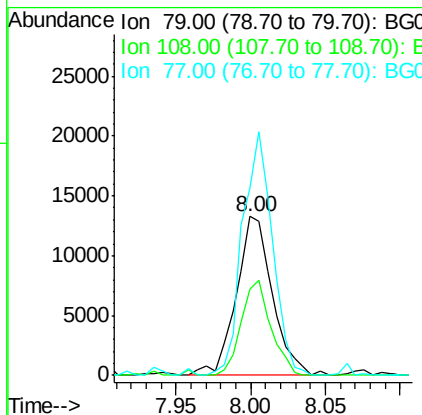
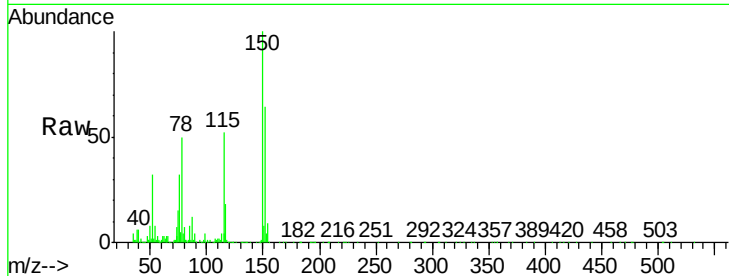
Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

Tgt Ion:	79	Resp:	22268
Ion	Ratio	Lower	Upper
79	100		
108	54.0	38.9	58.3
77	118.4	46.1	69.1#



#21

Naphthalene-d8

Concen: 20.00 ng

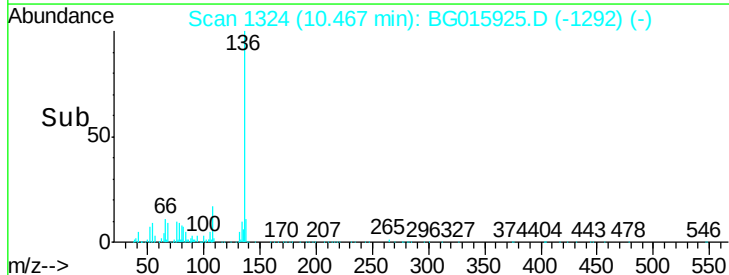
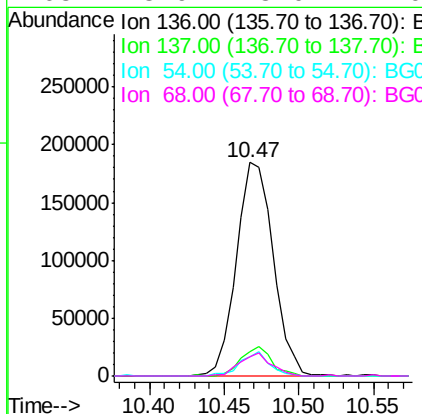
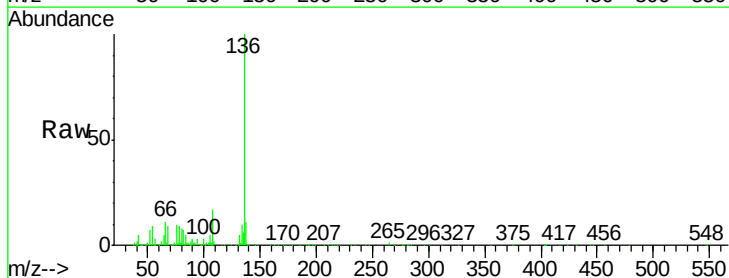
RT: 10.47 min Scan# 1324

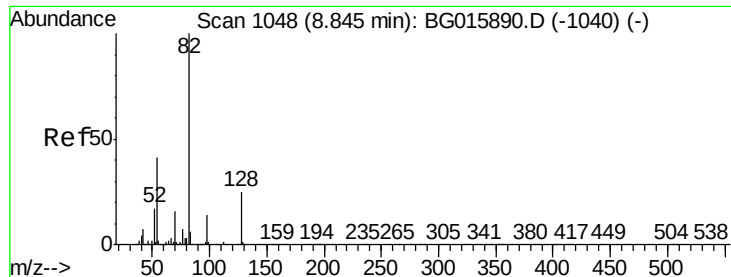
Delta R.T. -0.01 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

Tgt Ion:	136	Resp:	315565
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	9.2	8.5	12.7
68	8.9	8.0	12.0

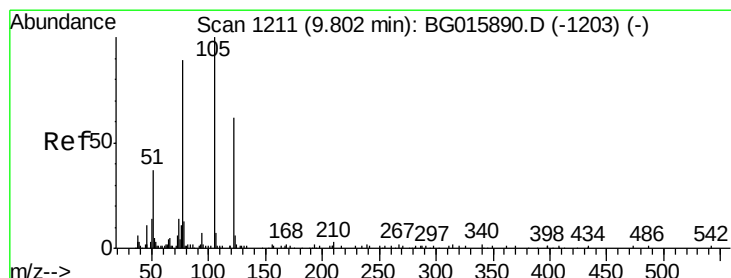
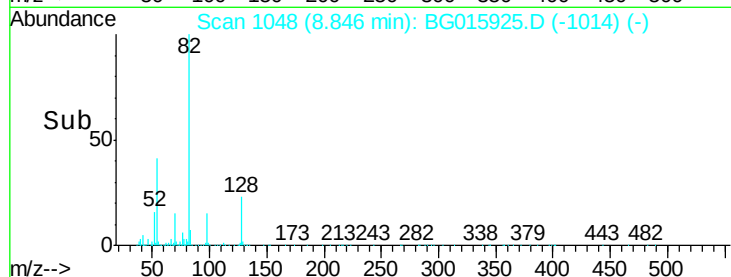
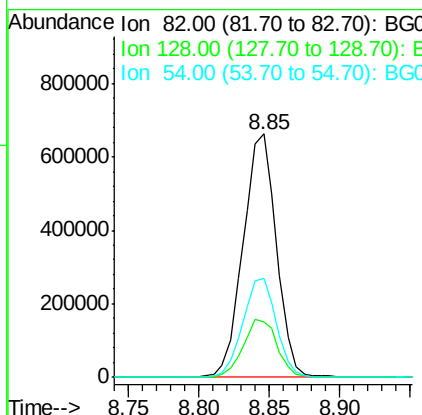
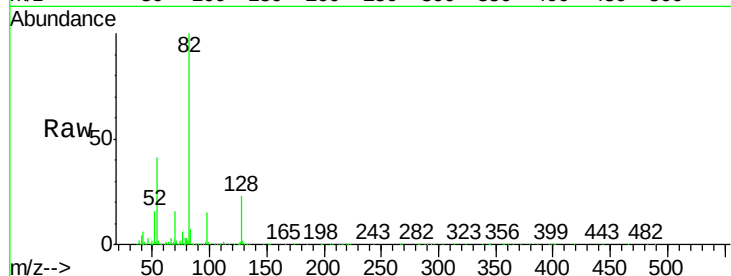




#23
Nitrobenzene-d5
Concen: 100.09 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

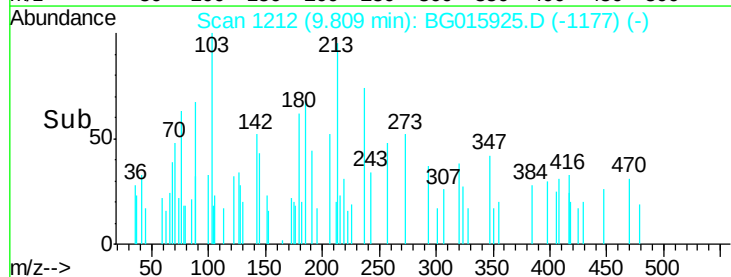
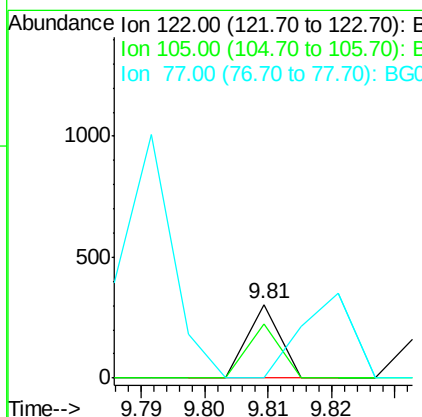
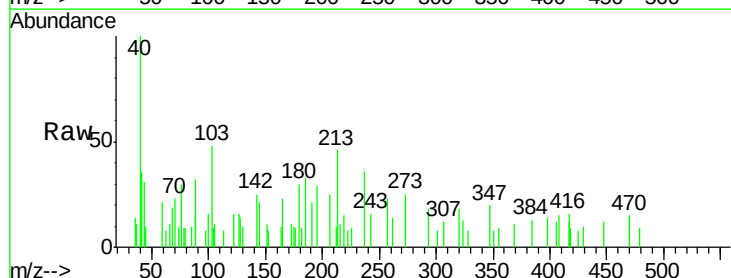
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

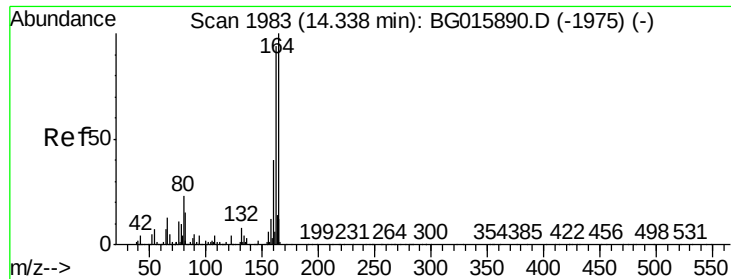
Tgt Ion: 82 Resp: 1095766
Ion Ratio Lower Upper
82 100
128 22.9 19.8 29.8
54 40.6 33.0 49.4



#32
Benzoic acid
Concen: 10.32 ng
RT: 9.81 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 72.5 140.2 180.2#
77 0.0 126.4 166.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

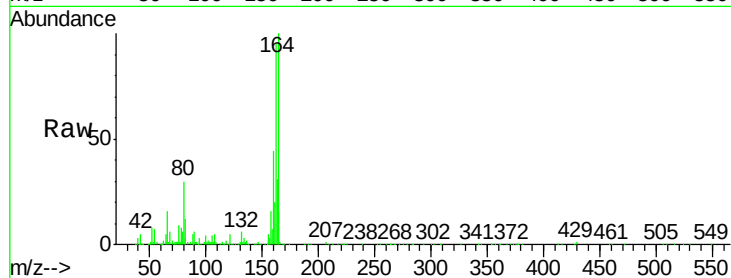
Tgt Ion:164 Resp: 253916

Ion Ratio Lower Upper

164 100

162 95.2 75.1 112.7

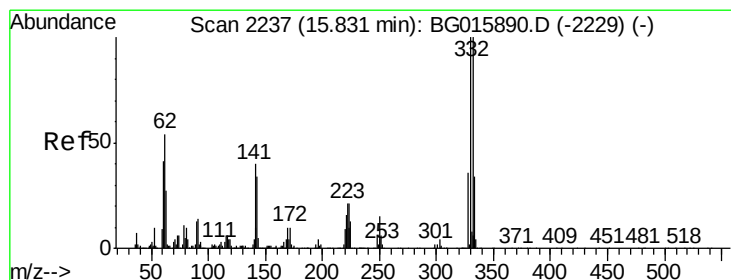
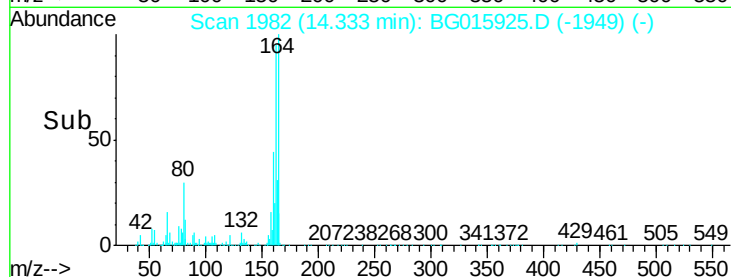
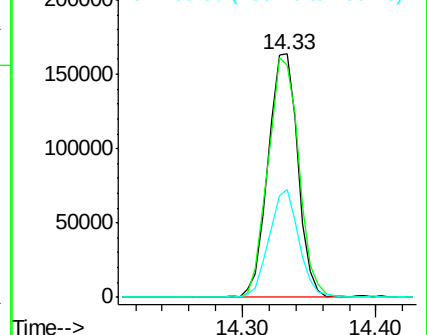
160 44.3 32.3 48.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 171.68 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

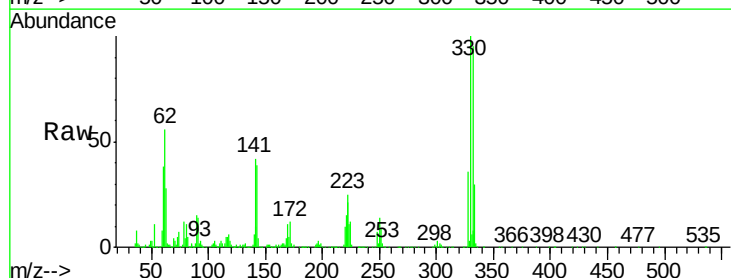
Tgt Ion:330 Resp: 798028

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.0

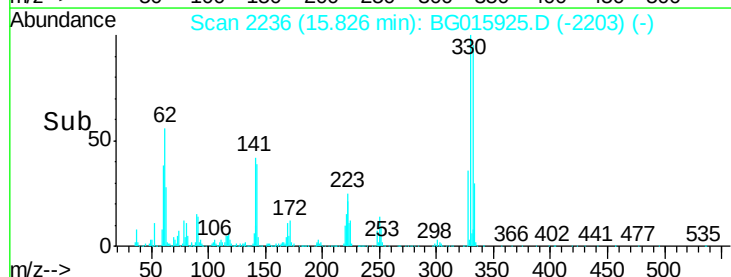
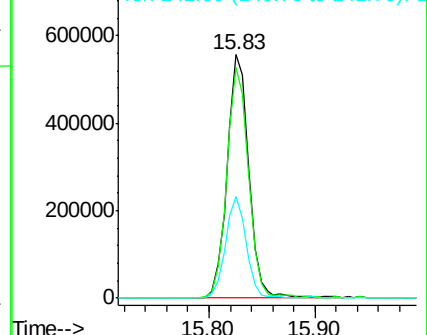
141 39.8 33.0 49.6

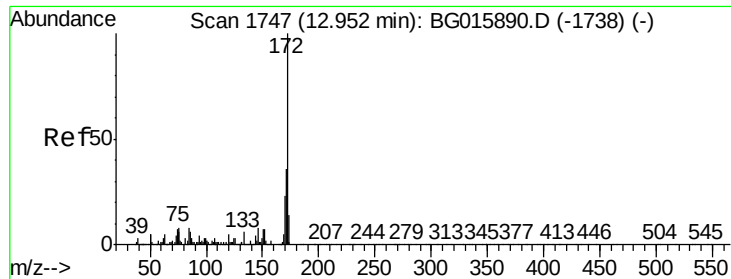


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

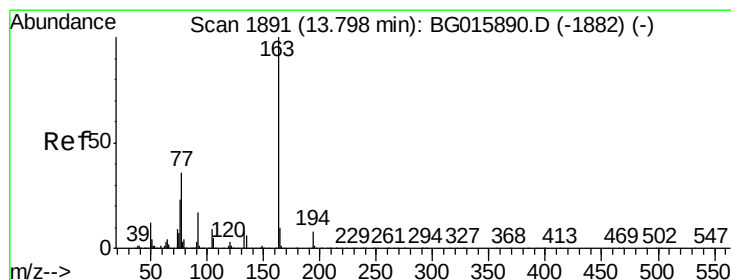
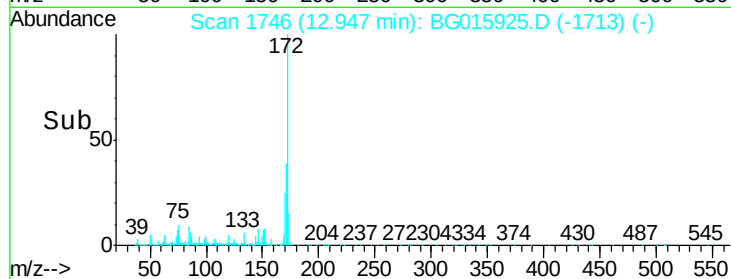
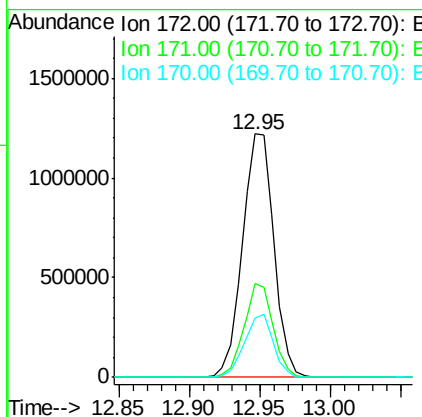
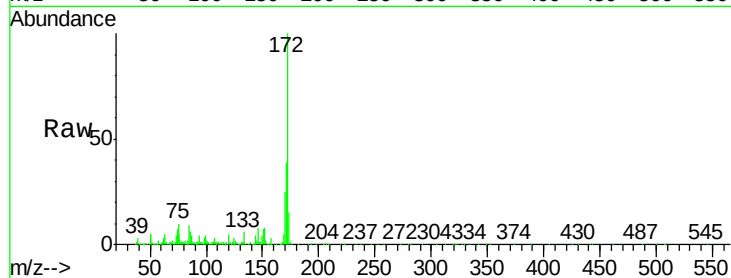




#44
2-Fluorobiphenyl
Concen: 117.27 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

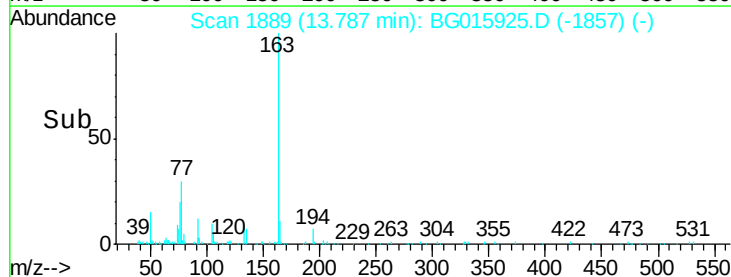
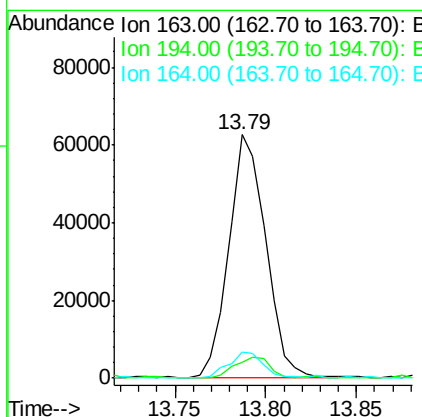
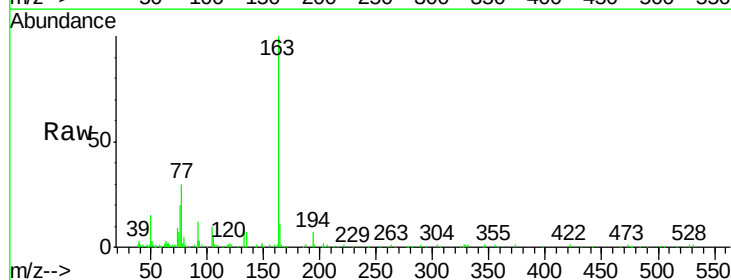
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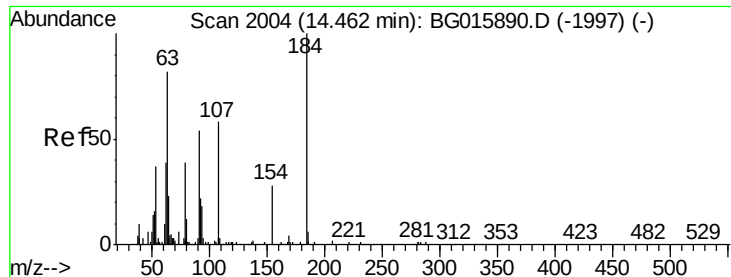
Tgt Ion:172 Resp: 1897754
Ion Ratio Lower Upper
172 100
171 38.5 29.2 43.8
170 24.6 18.6 27.8



#49
Dimethylphthalate
Concen: 4.88 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

Tgt Ion:163 Resp: 89092
Ion Ratio Lower Upper
163 100
194 6.7 6.2 9.4
164 10.6 8.0 12.0

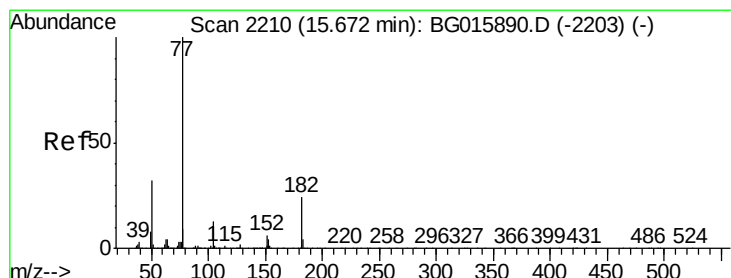
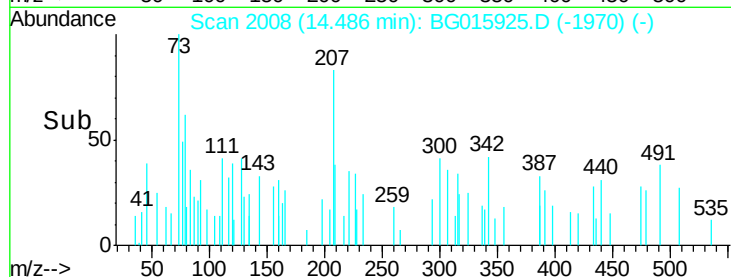
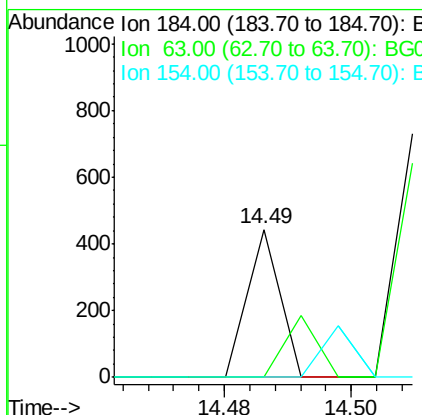
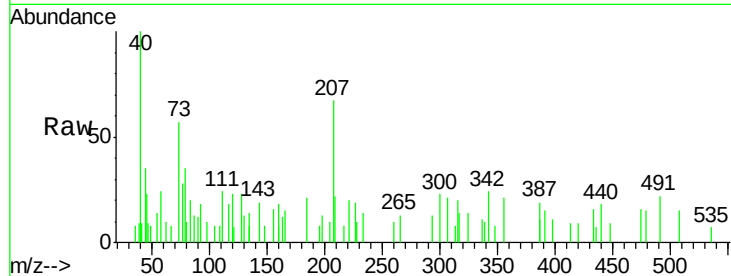




#53
2,4-Dinitrophenol
Concen: 4.57 ng
RT: 14.49 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

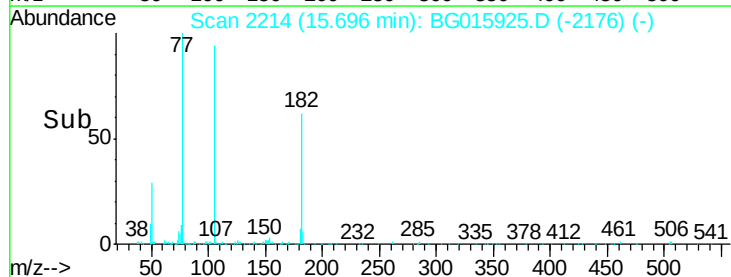
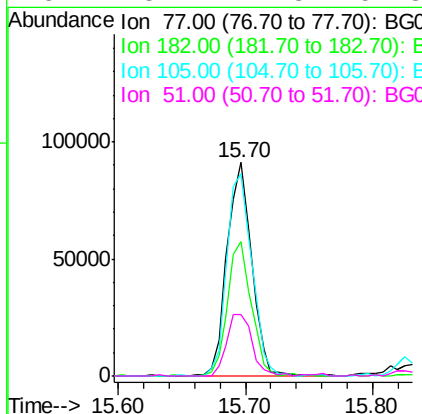
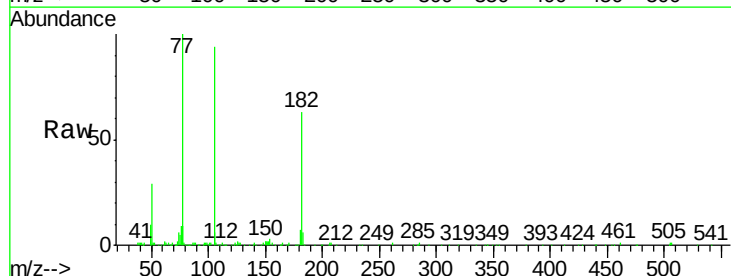
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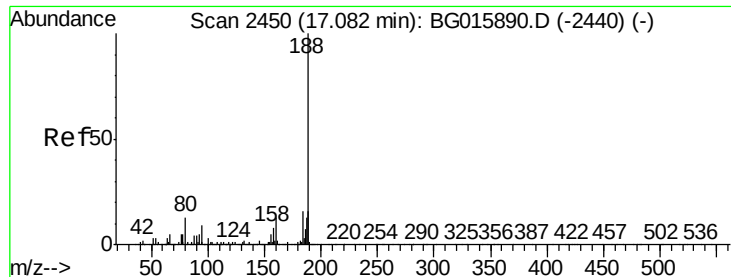
Tgt Ion: 184 Resp: 157
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 0.0 54.9 82.3#



#62
Azobenzene
Concen: 4.06 ng
RT: 15.70 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

Tgt Ion: 77 Resp: 122543
Ion Ratio Lower Upper
77 100
182 62.7 3.6 43.6#
105 94.5 0.0 32.9#
51 28.7 11.8 51.8

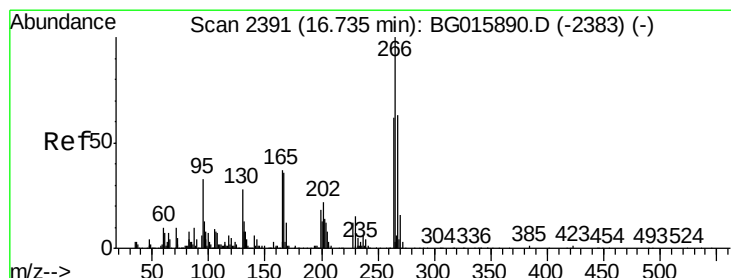
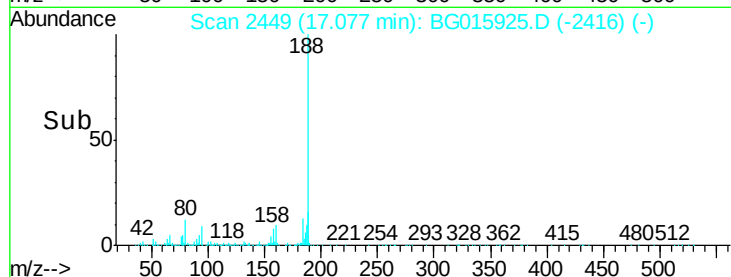
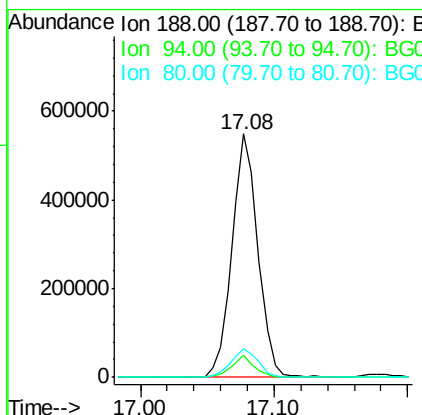
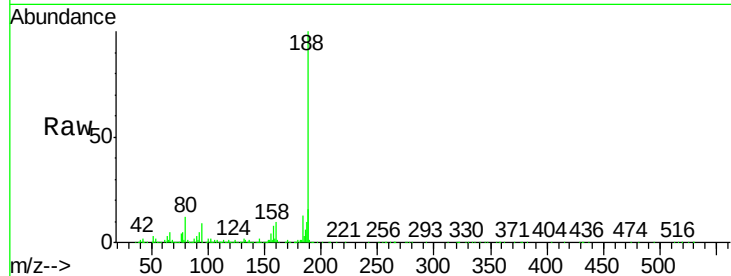




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

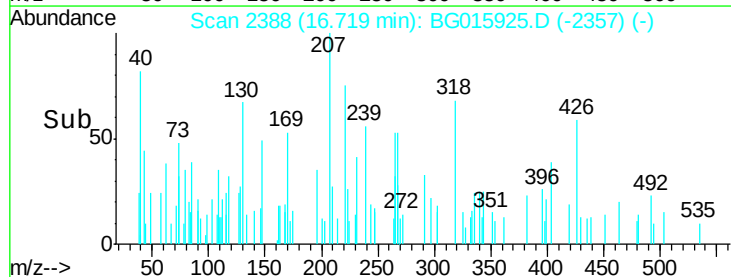
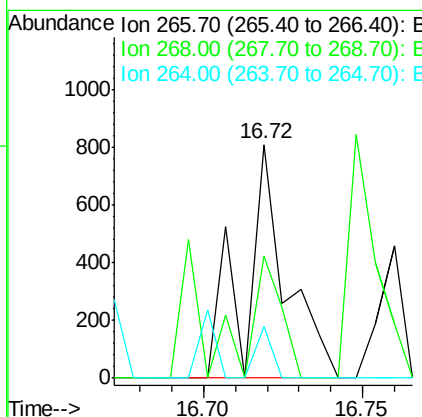
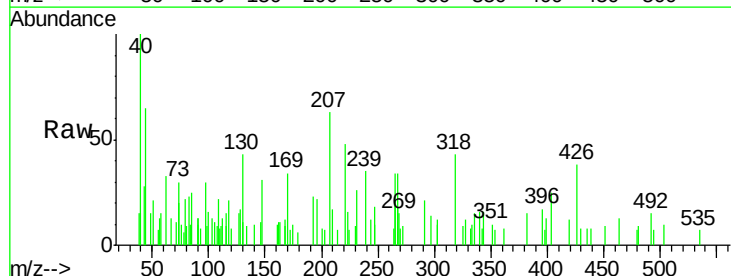
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

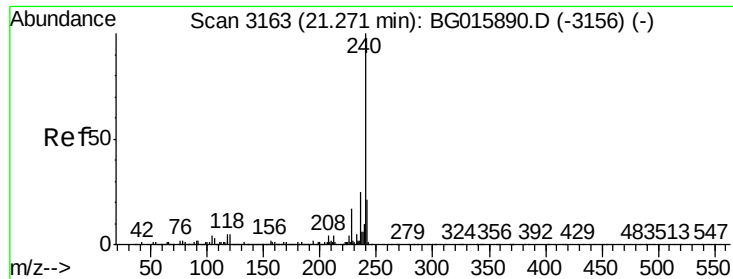
Tgt Ion:188 Resp: 741716
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.8
80 11.6 10.6 16.0



#69
Pentachlorophenol
Concen: 5.37 ng
RT: 16.72 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BG015925.D
Acq: 26 Jan 2015 23:12

Tgt Ion:266 Resp: 724
Ion Ratio Lower Upper
266 100
268 52.4 53.5 80.3#
264 22.3 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: BG015925.D

Acq: 26 Jan 2015 23:12

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

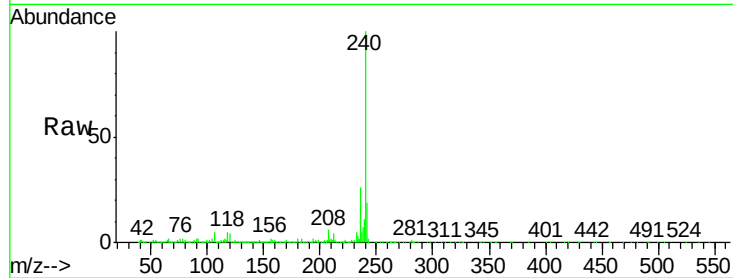
Tgt Ion:240 Resp: 987918

Ion Ratio Lower Upper

240 100

120 3.8 3.9 5.9#

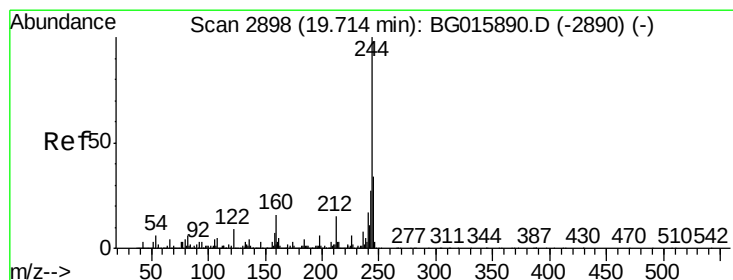
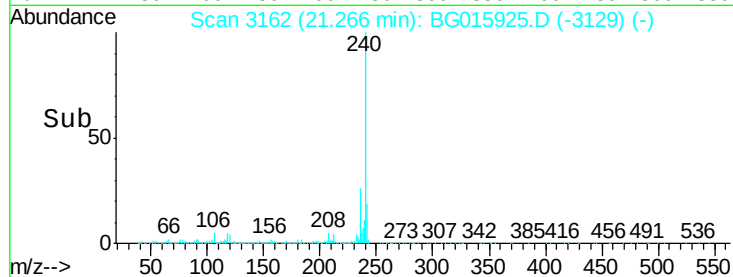
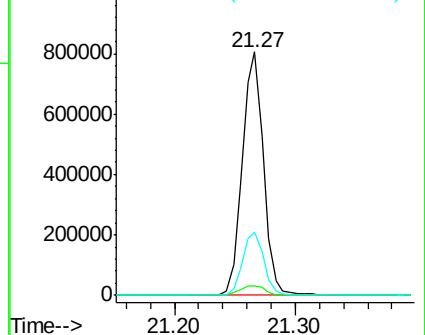
236 26.1 20.0 30.0



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: 112.23 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015925.D

Acq: 26 Jan 2015 23:12

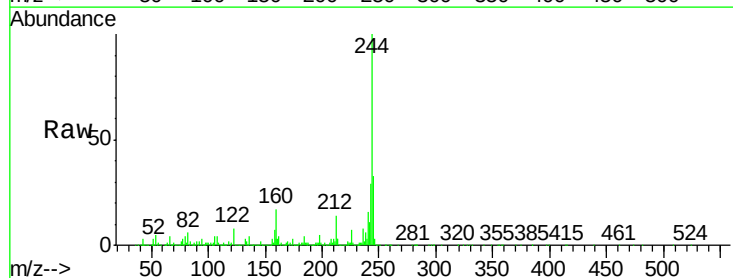
Tgt Ion:244 Resp: 3457498

Ion Ratio Lower Upper

244 100

212 14.4 11.6 17.4

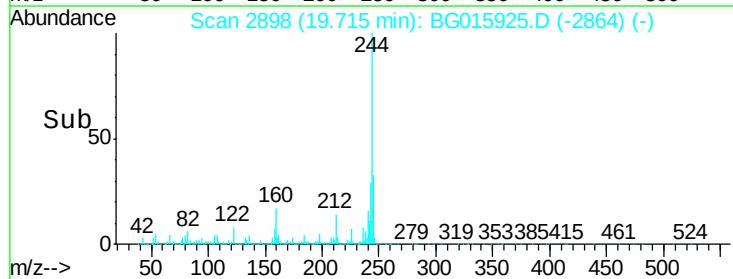
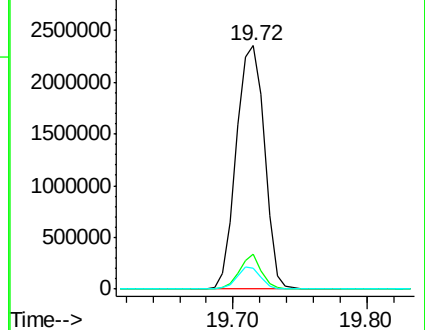
122 8.4 7.0 10.4

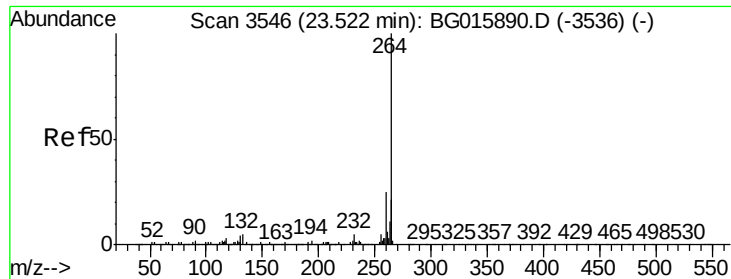


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG015925.D

Acq: 26 Jan 2015 23:12

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

Tgt Ion: 264 Resp: 980500

Ion Ratio Lower Upper

264 100

260 22.5 19.7 29.5

265 20.3 17.3 25.9

