

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015959.D
 Acq On : 27 Jan 2015 23:43
 Operator : TP/IZ
 Sample : G1158-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-5

Quant Time: Jan 28 04:22:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

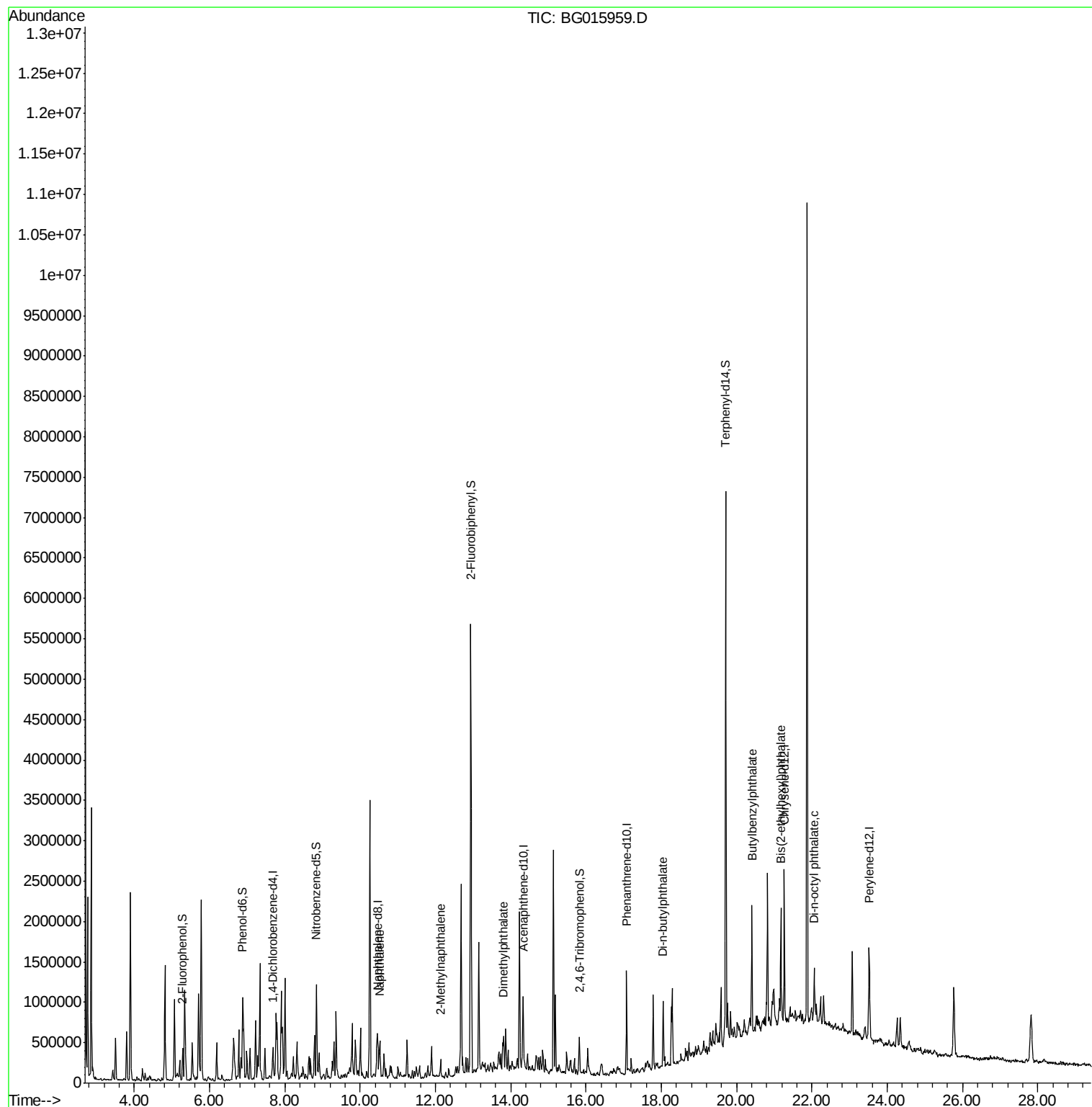
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	74914	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	301480	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	246541	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	661989	20.00	ng	0.00
75) Chrysene-d12	21.27	240	925598	20.00	ng	0.00
86) Perylene-d12	23.52	264	889626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	120942	24.04	ng	0.00
7) Phenol-d6	6.88	99	596572	73.59	ng	0.00
23) Nitrobenzene-d5	8.84	82	682470	65.25	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	86935	19.26	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1304600	83.03	ng	0.00
78) Terphenyl-d14	19.71	244	2577505	76.45	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.52	128	225268	14.60	ng	97
37) 2-Methylnaphthalene	12.14	142	81221	6.63	ng	# 77
49) Dimethylphthalate	13.79	163	44667	2.52	ng	# 89
73) Di-n-butylphthalate	18.05	149	467298	14.13	ng	97
79) Butylbenzylphthalate	20.41	149	234082	14.52	ng	97
83) Bis(2-ethylhexyl)phthalate	21.18	149	219623	10.13	ng	# 92
84) Di-n-octyl phthalate	22.06	149	466272	13.90	ng	99

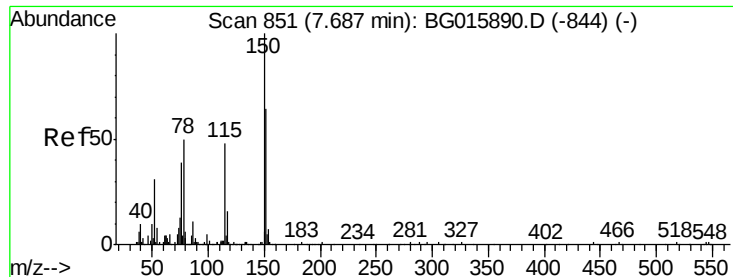
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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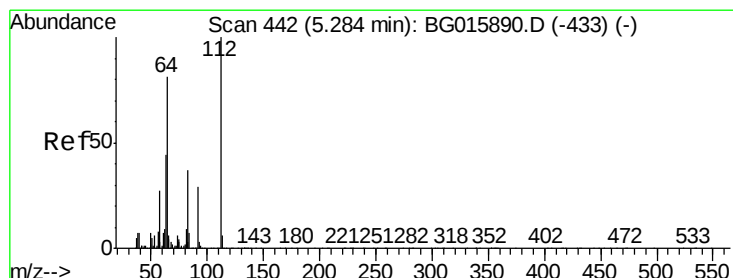
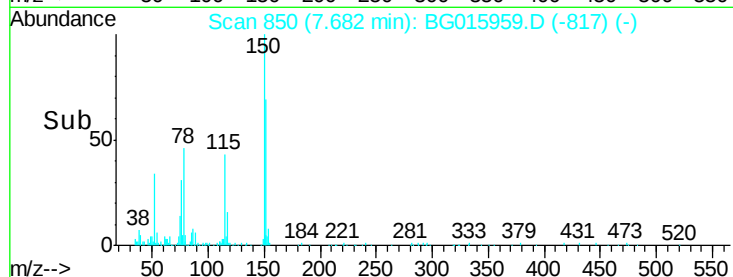
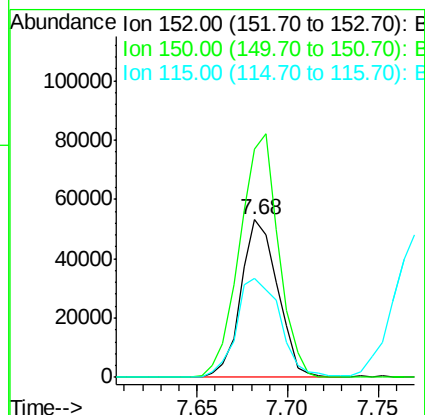
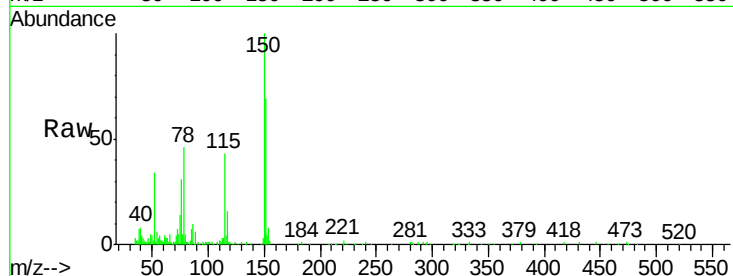


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

Instrument :
BNA_G
ClientSampled :
CC-5

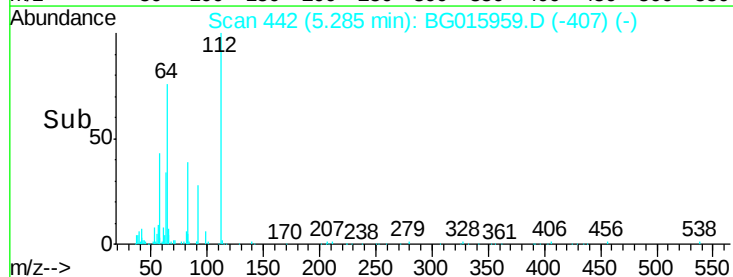
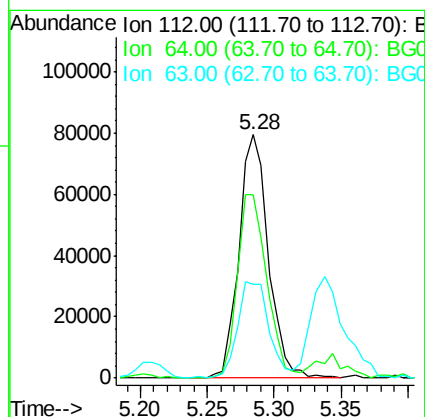
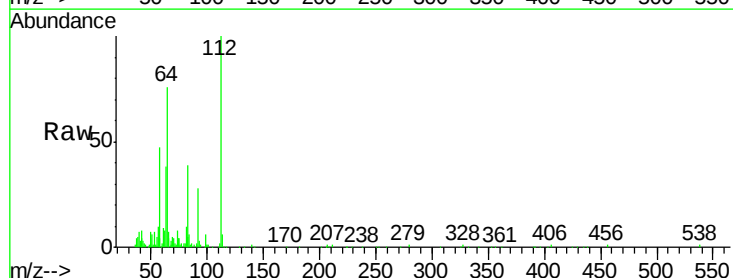
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.7	124.5	186.7
115	62.8	60.4	90.6

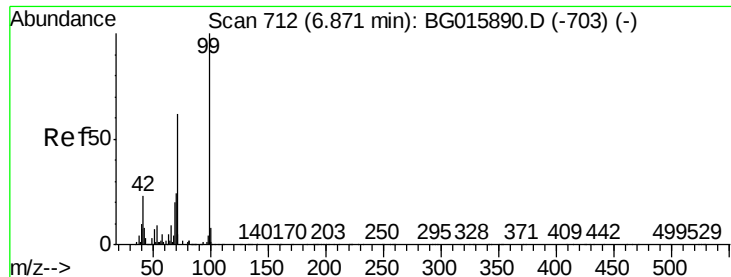


#5

2-Fluorophenol
Concen: 24.04 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	64.4	96.6
63	38.4	35.1	52.7





#7

Phenol-d6

Concen: 73.59 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG015959.D

Acq: 27 Jan 2015 23:43

Instrument :

BNA_G

ClientSampleId :

CC-5

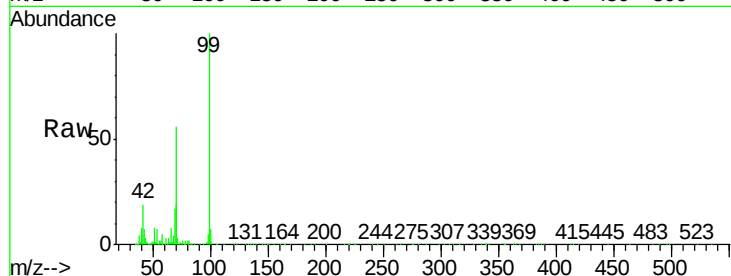
Tgt Ion: 99 Resp: 596572

Ion Ratio Lower Upper

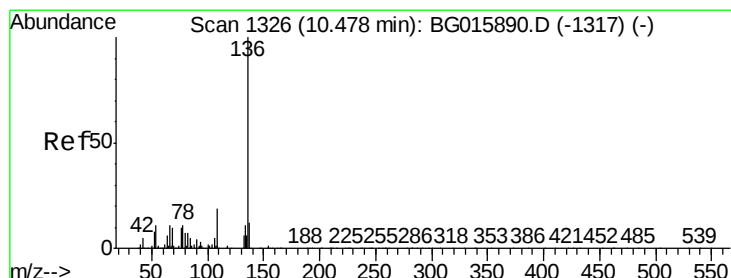
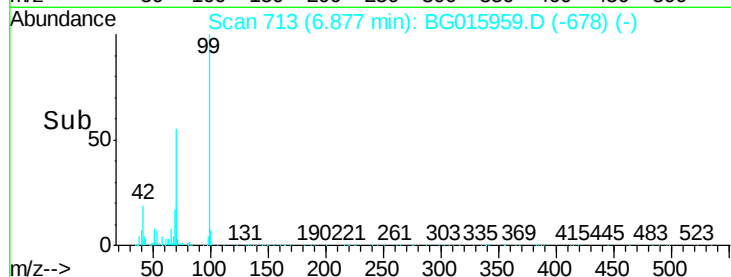
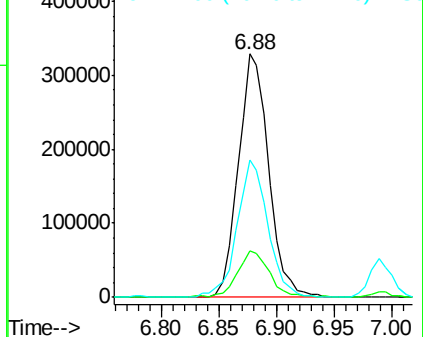
99 100

42 19.3 18.1 27.1

71 56.4 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: BG015959.D

Acq: 27 Jan 2015 23:43

Tgt Ion: 136 Resp: 301480

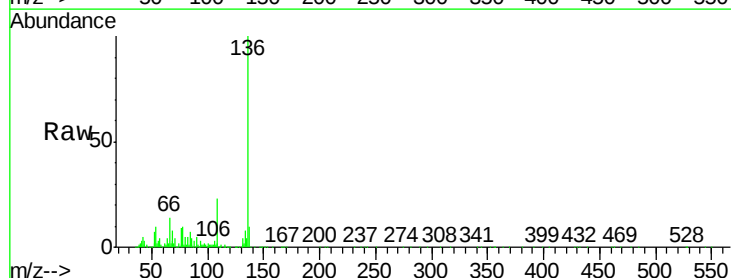
Ion Ratio Lower Upper

136 100

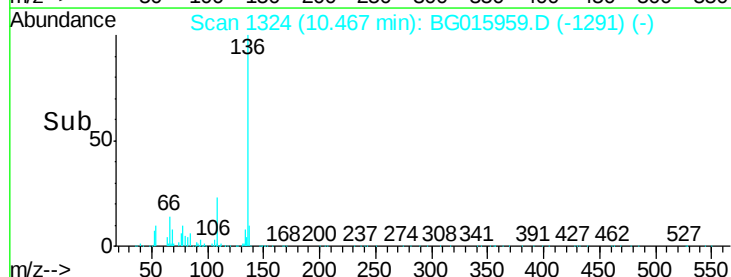
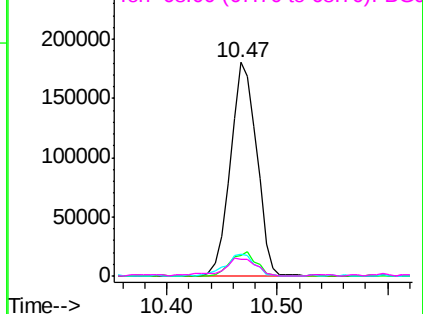
137 9.5 9.7 14.5#

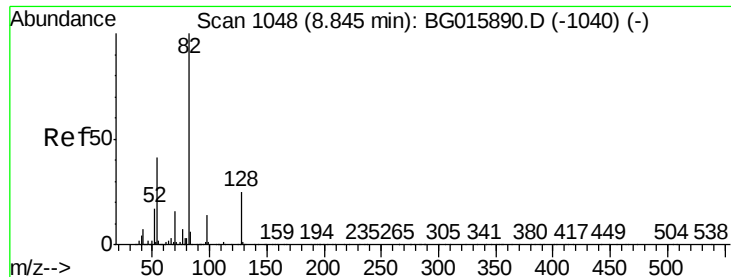
54 10.5 8.5 12.7

68 8.0 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

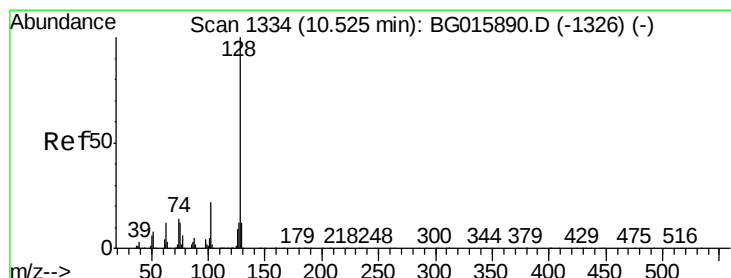
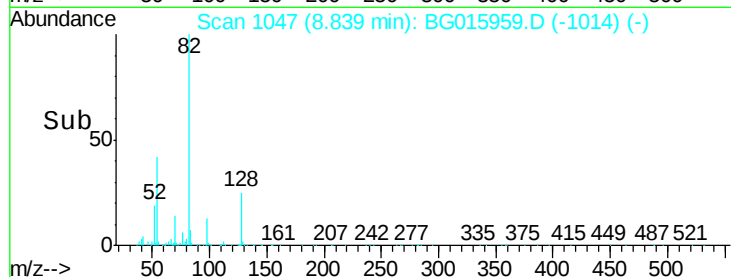
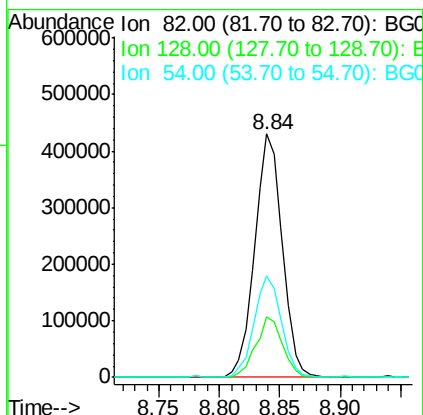
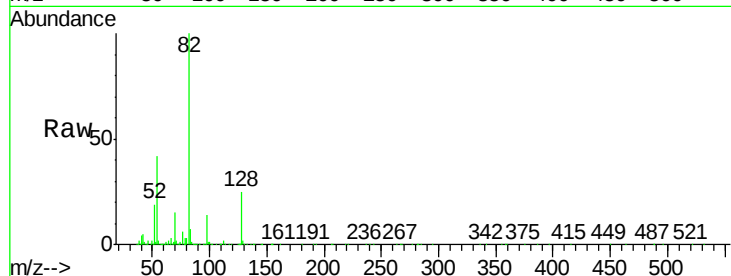




#23
Nitrobenzene-d5
Concen: 65.25 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

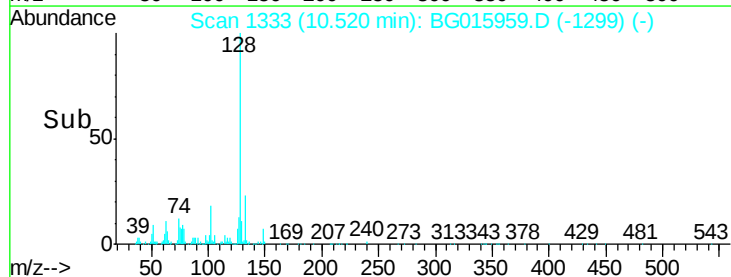
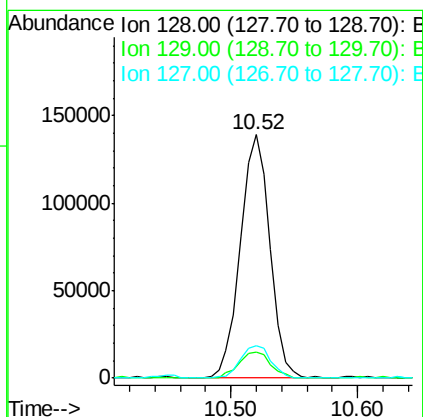
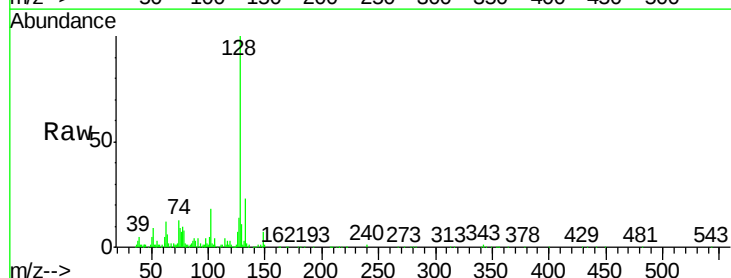
Instrument :
BNA_G
ClientSampled :
CC-5

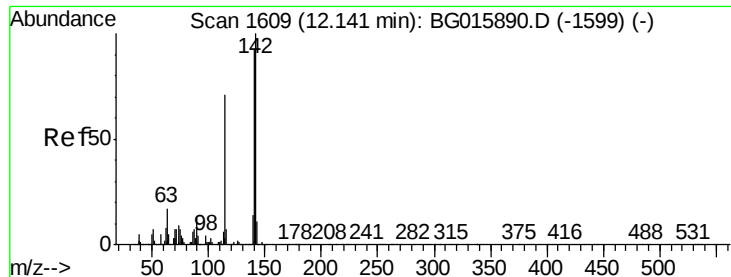
Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.1	19.8	29.8
54	41.7	33.0	49.4



#31
Naphthalene
Concen: 14.60 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.7	14.5
127	13.6	9.8	14.6

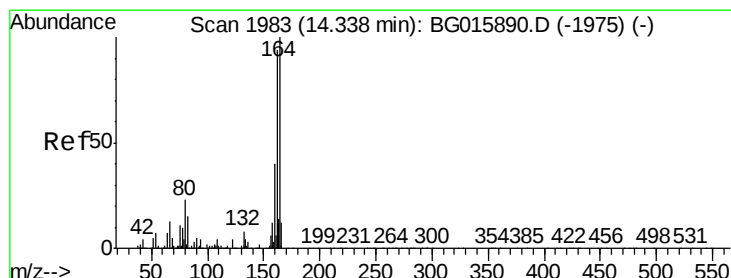
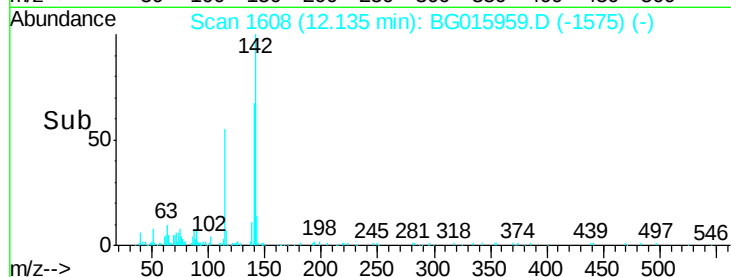
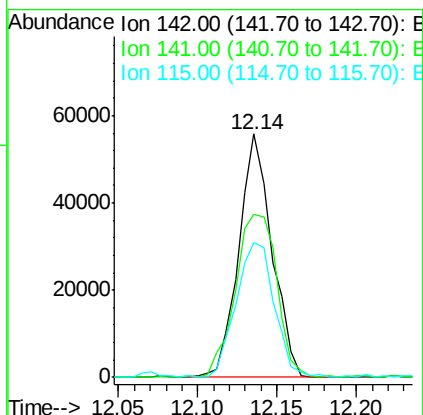
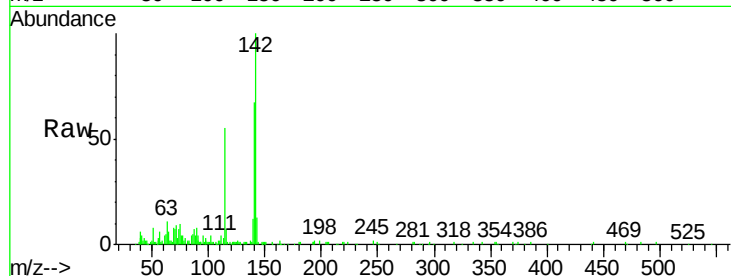




#37
2-Methylnaphthalene
Concen: 6.63 ng
RT: 12.14 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

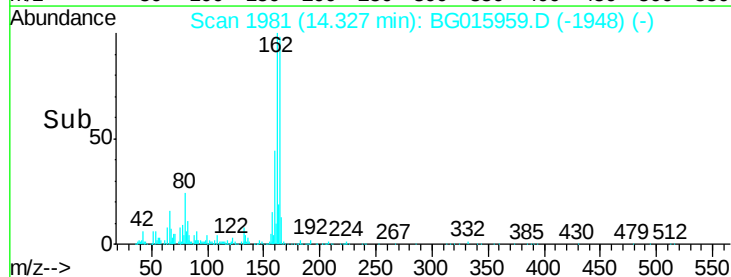
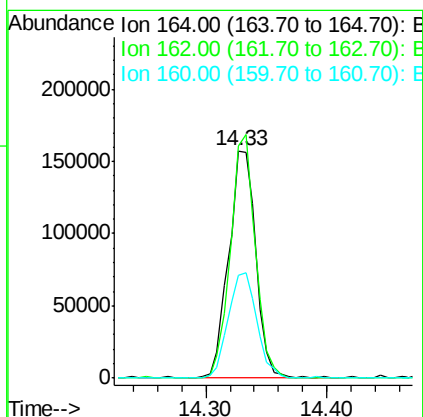
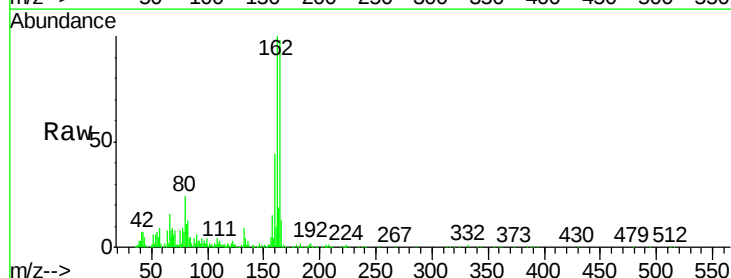
Instrument :
BNA_G
ClientSampleId :
CC-5

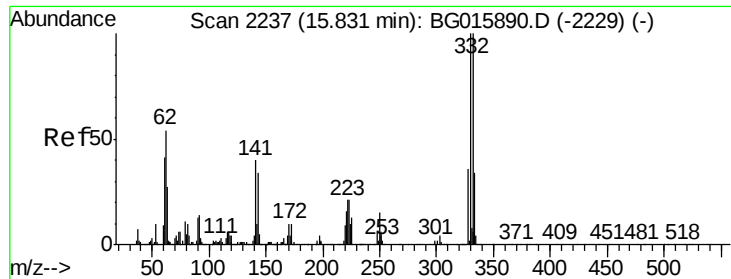
Tgt Ion:142 Resp: 81221
Ion Ratio Lower Upper
142 100
141 67.1 73.8 110.8#
115 55.2 56.6 84.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

Tgt Ion:164 Resp: 246541
Ion Ratio Lower Upper
164 100
162 102.3 75.1 112.7
160 45.3 32.3 48.5

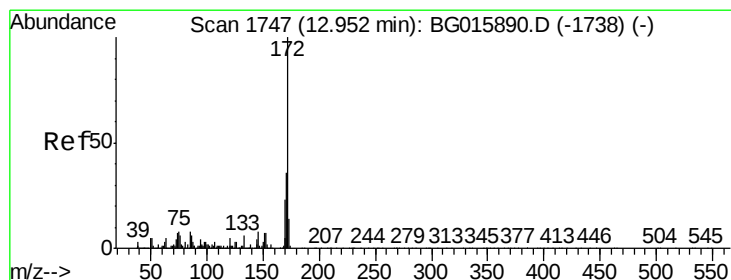
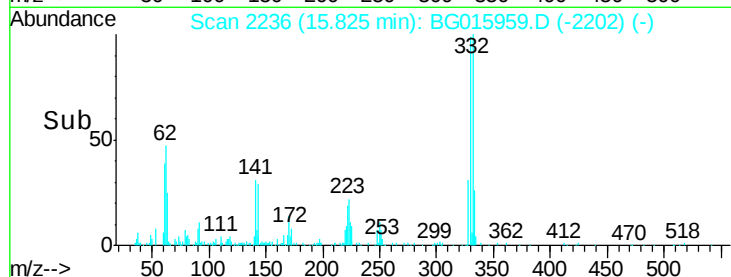
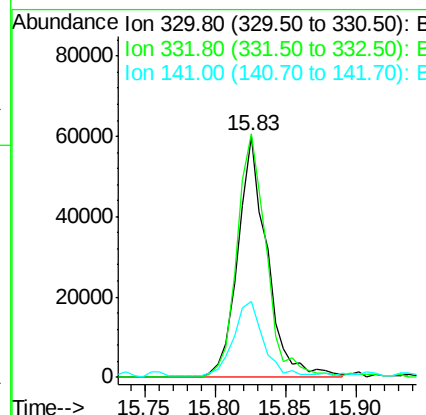
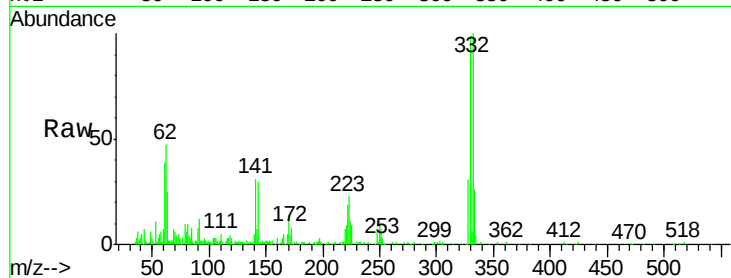




#41
 2,4,6-Tribromophenol
 Concen: 19.26 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG015959.D
 Acq: 27 Jan 2015 23:43

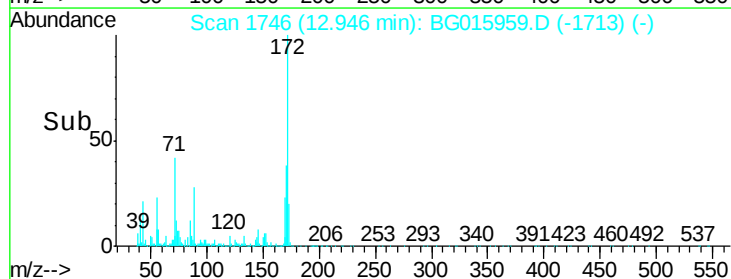
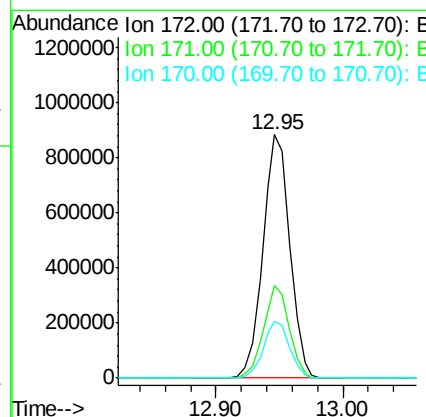
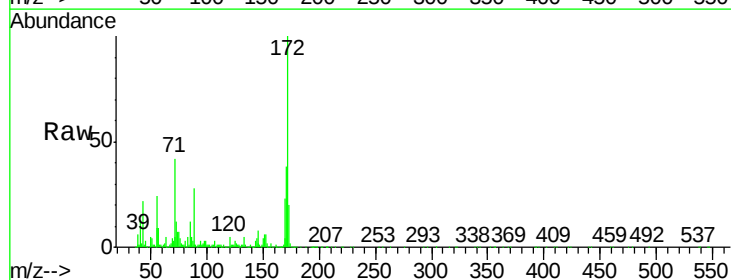
Instrument :
 BNA_G
 ClientSampleId :
 CC-5

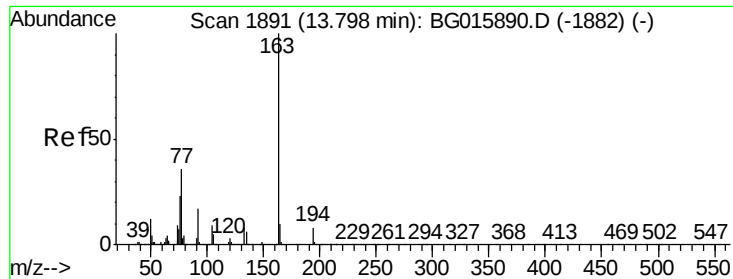
Tgt Ion:330 Resp: 86935
 Ion Ratio Lower Upper
 330 100
 332 101.2 75.4 113.0
 141 32.0 33.0 49.6#



#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG015959.D
 Acq: 27 Jan 2015 23:43

Tgt Ion:172 Resp: 1304600
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.2 43.8
 170 23.1 18.6 27.8

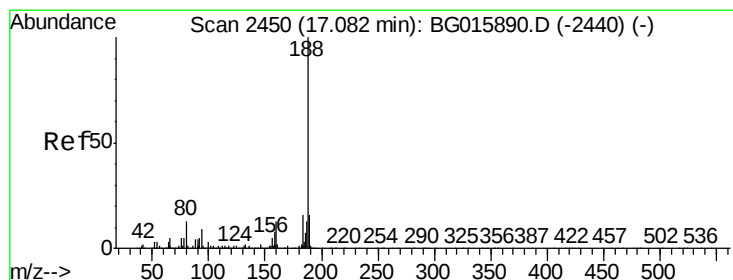
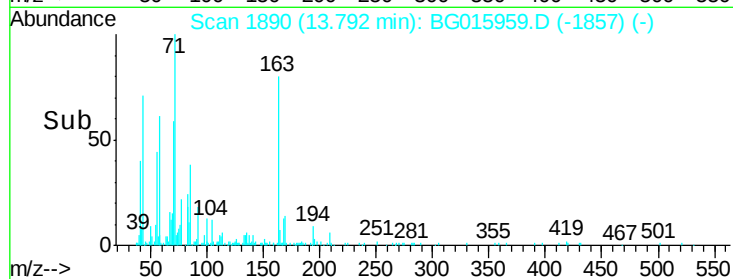
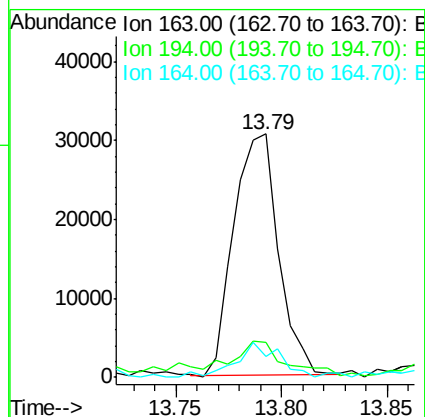
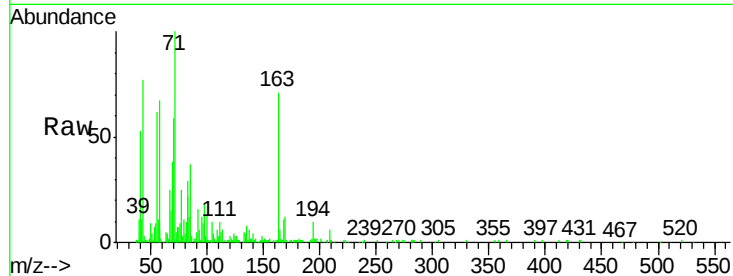




#49
Dimethylphthalate
Concen: 2.52 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

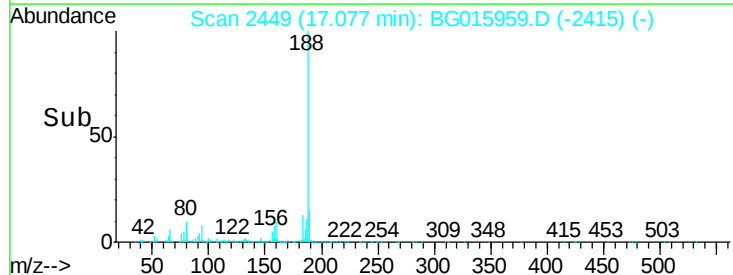
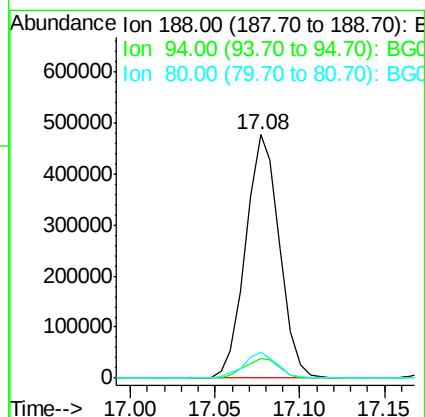
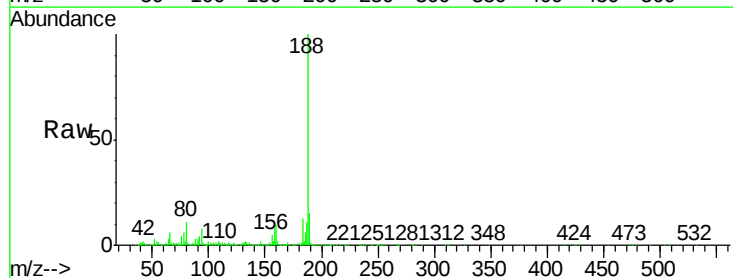
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BNA_G
ClientSampleId :
CC-5

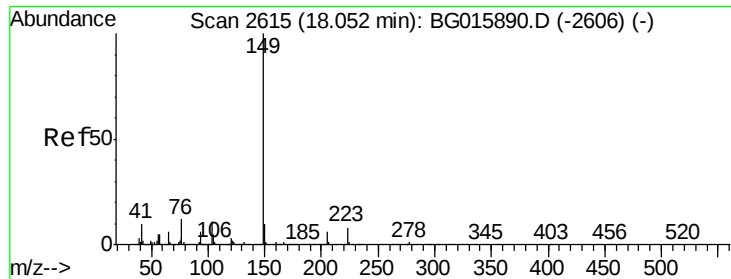
Tgt Ion:163 Resp: 44667
Ion Ratio Lower Upper
163 100
194 14.4 6.2 9.4#
164 8.4 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

Tgt Ion:188 Resp: 661989
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.8
80 10.6 10.6 16.0





#73

Di-n-butylphthalate

Concen: 14.13 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BG015959.D

Acq: 27 Jan 2015 23:43

Instrument :

BNA_G

ClientSampleId :

CC-5

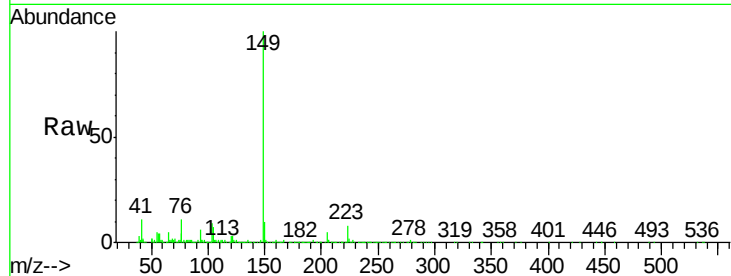
Tgt Ion:149 Resp: 467298

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.4

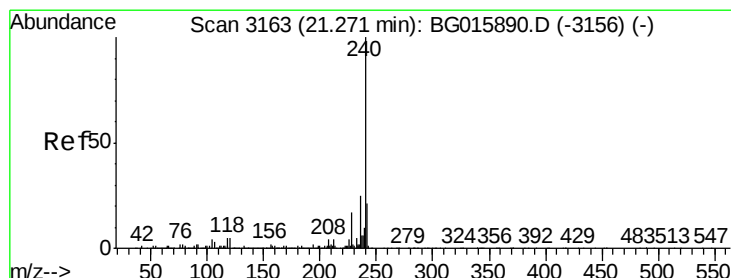
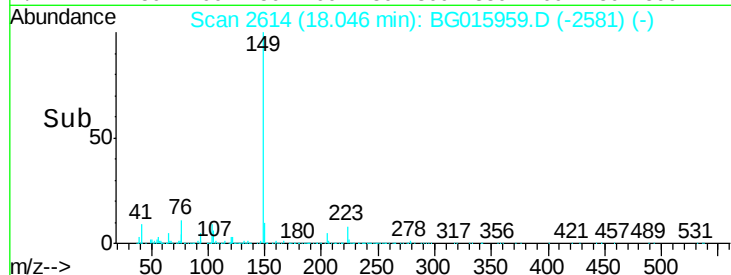
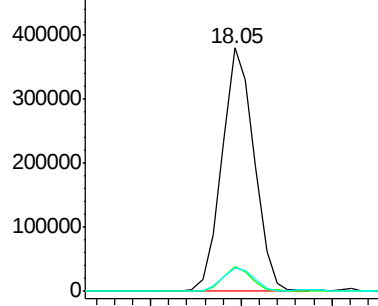
104 9.4 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG015959.D

Acq: 27 Jan 2015 23:43

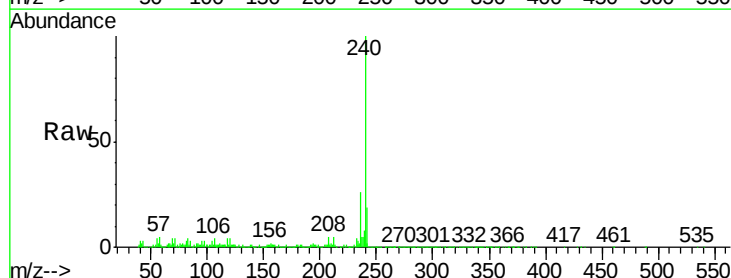
Tgt Ion:240 Resp: 925598

Ion Ratio Lower Upper

240 100

120 4.2 3.9 5.9

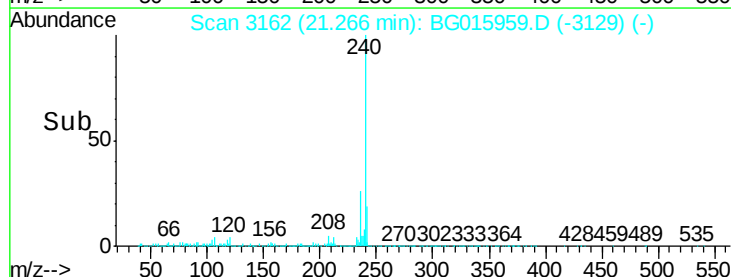
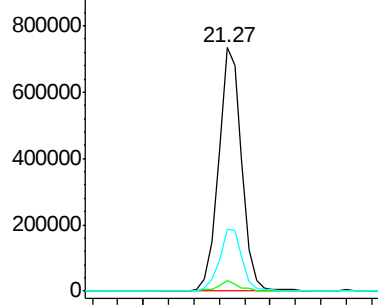
236 25.6 20.0 30.0

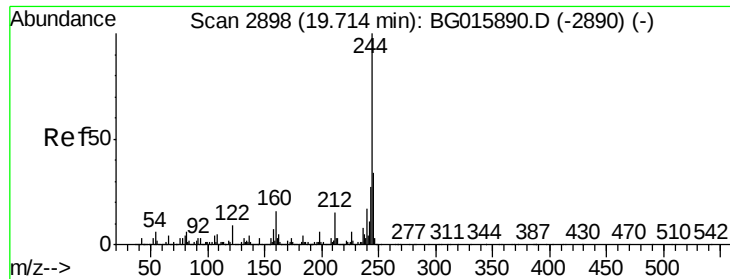


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.45 ng

RT: 19.71 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015959.D

Acq: 27 Jan 2015 23:43

Instrument :

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ClientSampleId :

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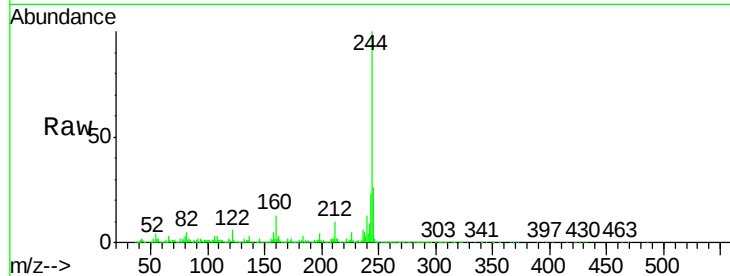
Tgt Ion:244 Resp: 2577505

Ion Ratio Lower Upper

244 100

212 10.1 11.6 17.4#

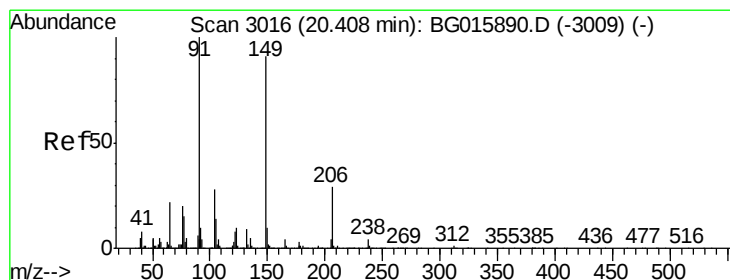
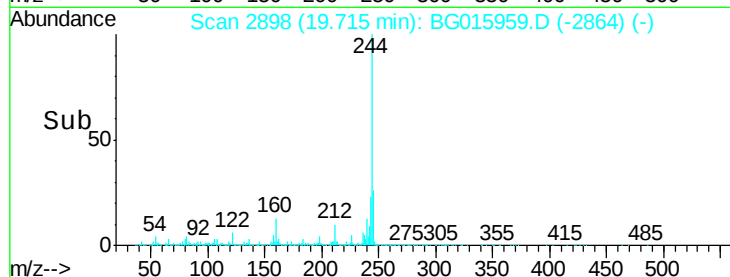
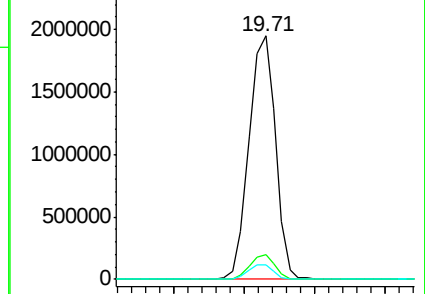
122 6.2 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 14.52 ng

RT: 20.41 min Scan# 3016

Delta R.T. 0.00 min

Lab File: BG015959.D

Acq: 27 Jan 2015 23:43

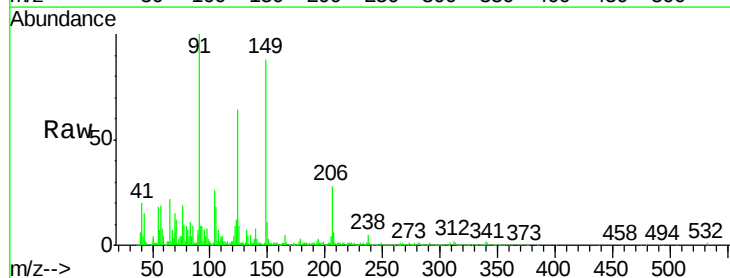
Tgt Ion:149 Resp: 234082

Ion Ratio Lower Upper

149 100

91 113.8 88.4 132.6

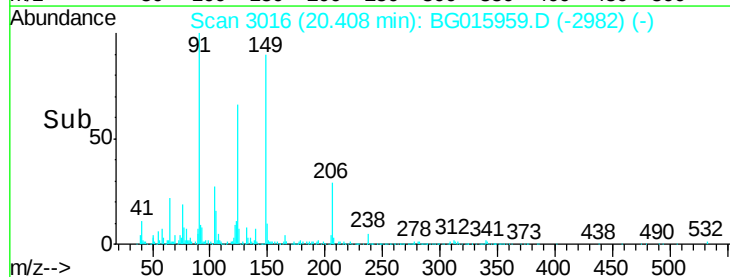
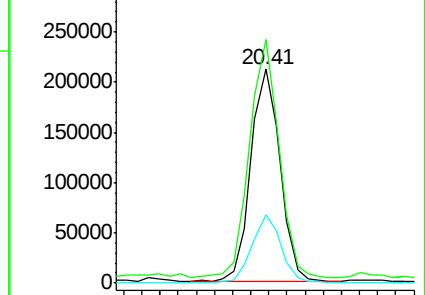
206 32.2 25.3 37.9

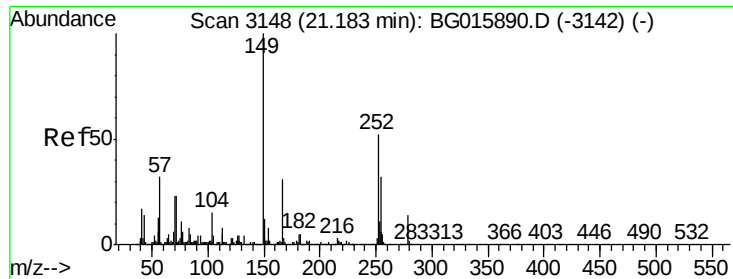


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

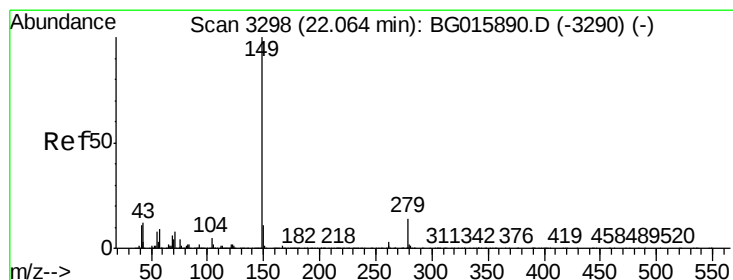
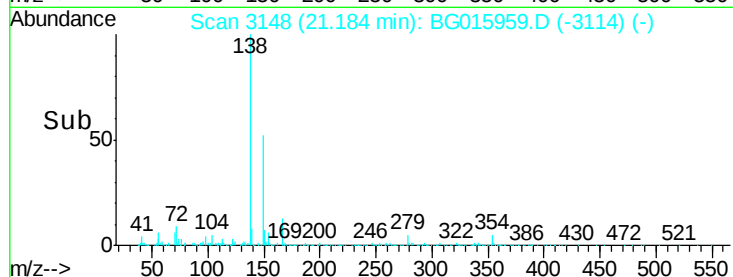
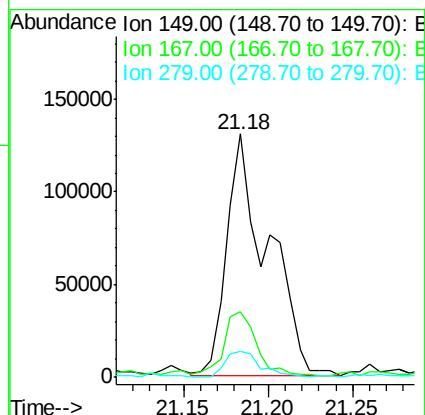
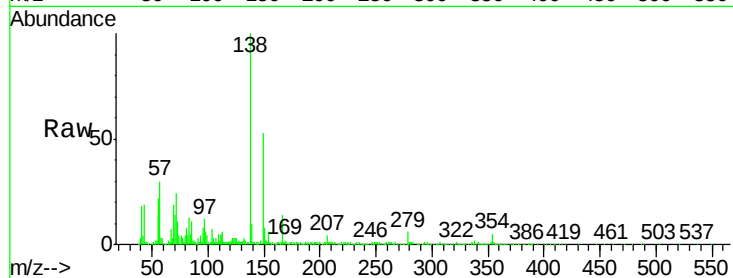




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.13 ng
 RT: 21.18 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG015959.D
 Acq: 27 Jan 2015 23:43

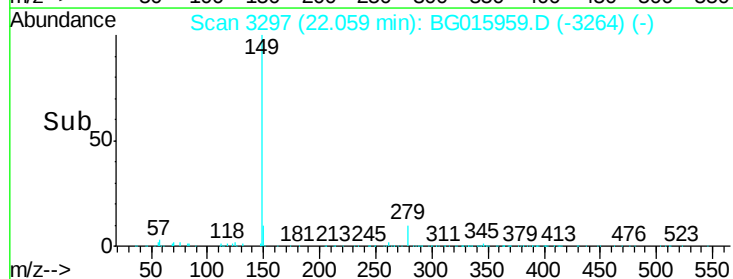
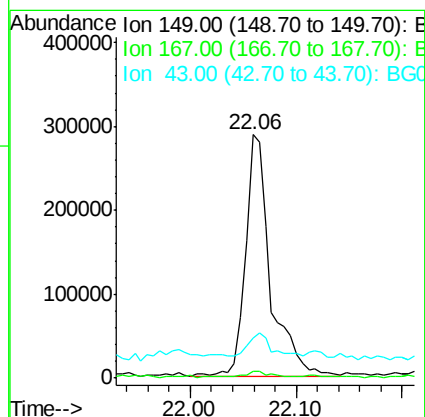
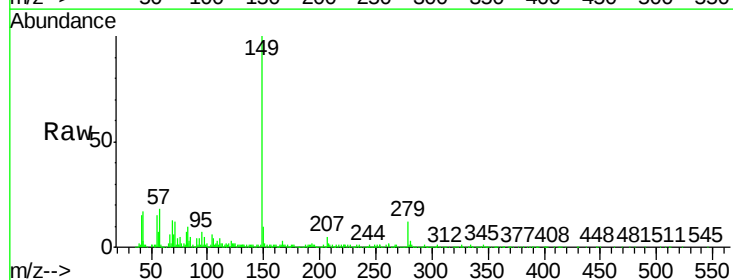
Instrument :
 BNA_G
 ClientSampleId :
 CC-5

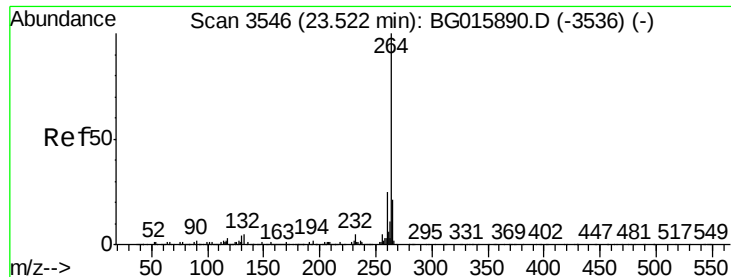
Tgt Ion:149 Resp: 219623
 Ion Ratio Lower Upper
 149 100
 167 26.7 25.1 37.7
 279 10.6 11.2 16.8#



#84
 Di-n-octyl phthalate
 Concen: 13.90 ng
 RT: 22.06 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BG015959.D
 Acq: 27 Jan 2015 23:43

Tgt Ion:149 Resp: 466272
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 11.0 9.2 13.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG015959.D
Acq: 27 Jan 2015 23:43

Instrument :
BNA_G
ClientSampleId :
CC-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.7	29.5
265	21.0	17.3	25.9

