

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015930.D
 Acq On : 27 Jan 2015 2:05
 Operator : TP/IZ
 Sample : G1139-08
 Misc : S
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121B2A

Quant Time: Jan 27 04:00:30 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

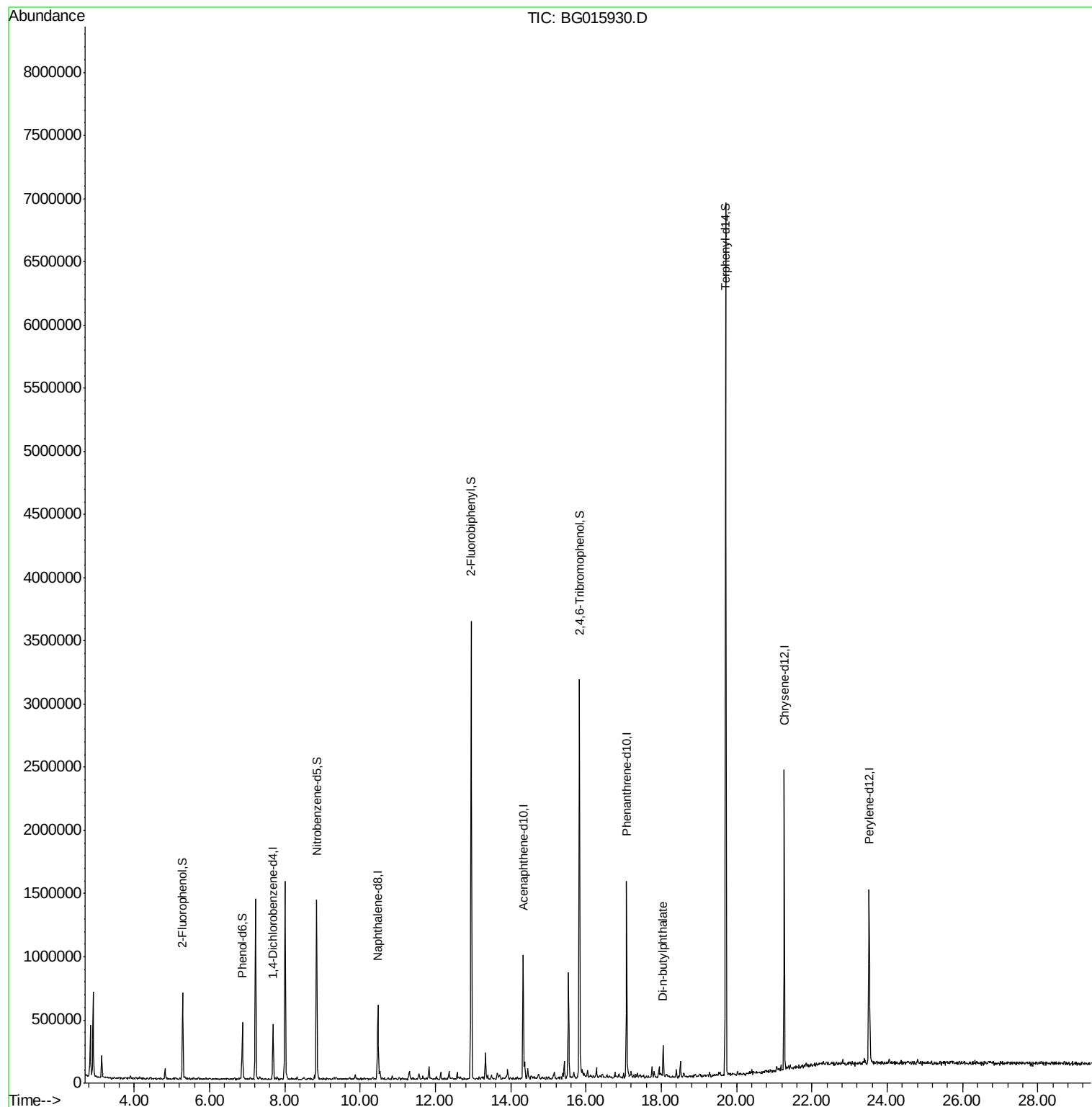
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	83463	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	344367	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	285048	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	797030	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1152673	20.00	ng	0.00
86) Perylene-d12	23.52	264	1076680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	220745	39.39	ng	0.00
7) Phenol-d6	6.87	99	227092	25.14	ng	0.00
23) Nitrobenzene-d5	8.84	82	879969	73.66	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	482317	92.43	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1556200	85.66	ng	0.00
78) Terphenyl-d14	19.71	244	2847263	64.58	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	18.05	149	145165	3.65	ng	Qvalue # 91

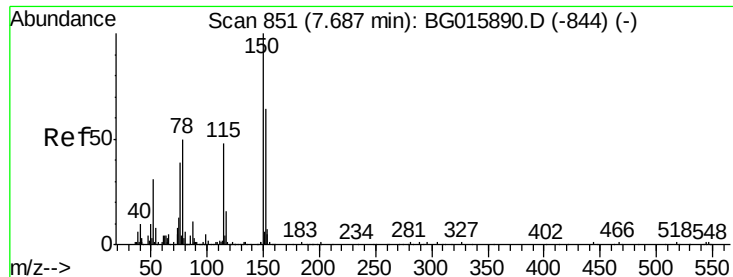
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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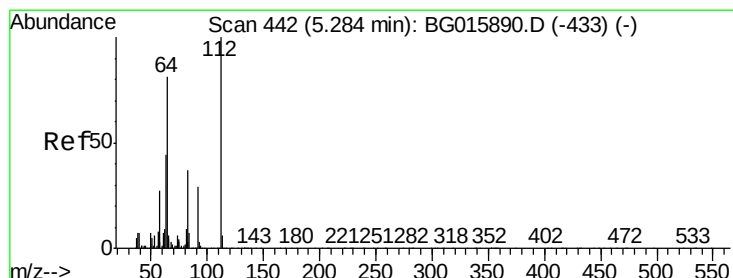
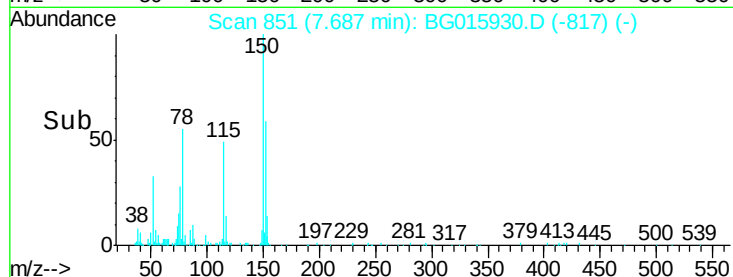
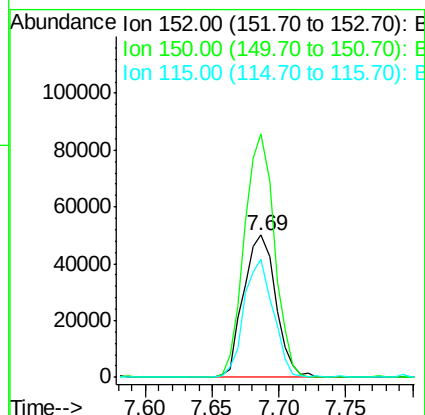
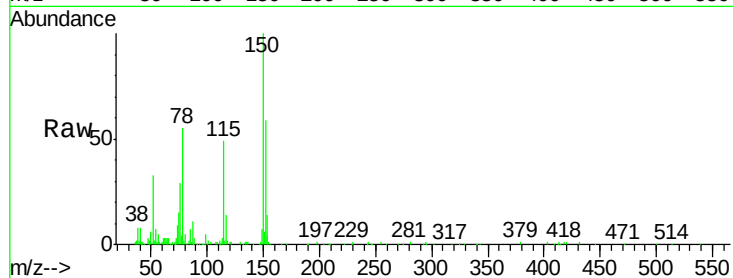


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Instrument :
BNA_G
ClientSampled :
121B2A

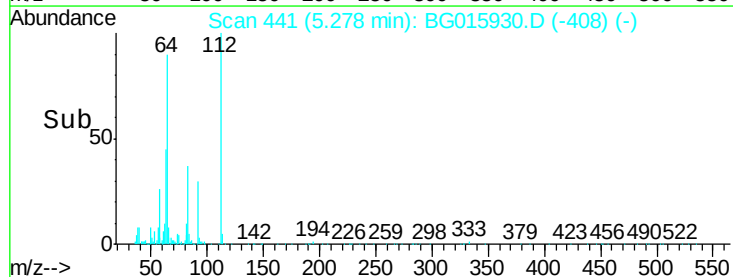
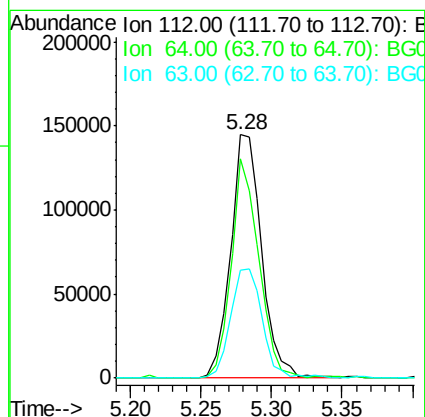
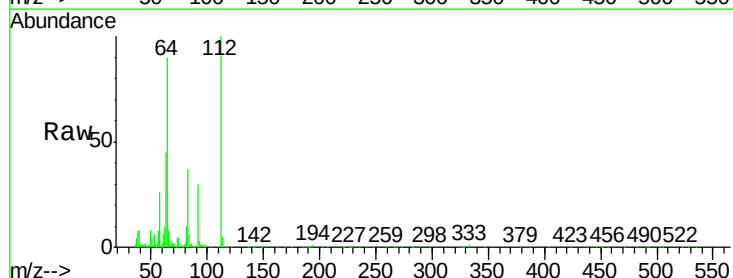
Tgt Ion:152 Resp: 83463
Ion Ratio Lower Upper
152 100
150 170.9 124.5 186.7
115 83.3 60.4 90.6

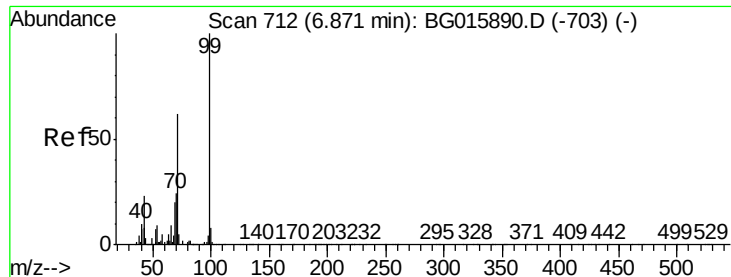


#5

2-Fluorophenol
Concen: 39.39 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Tgt Ion:112 Resp: 220745
Ion Ratio Lower Upper
112 100
64 90.1 64.4 96.6
63 44.5 35.1 52.7





#7

Phenol-d6

Concen: 25.14 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

Instrument :

BNA_G

ClientSampleId :

121B2A

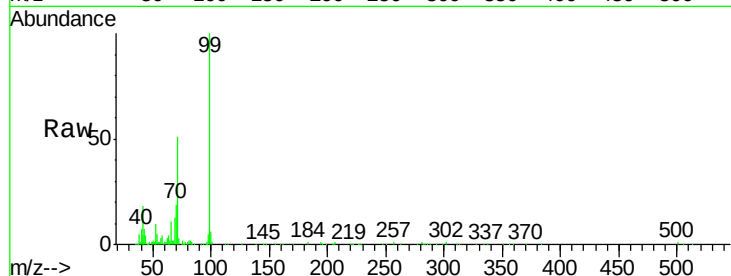
Tgt Ion: 99 Resp: 227092

Ion Ratio Lower Upper

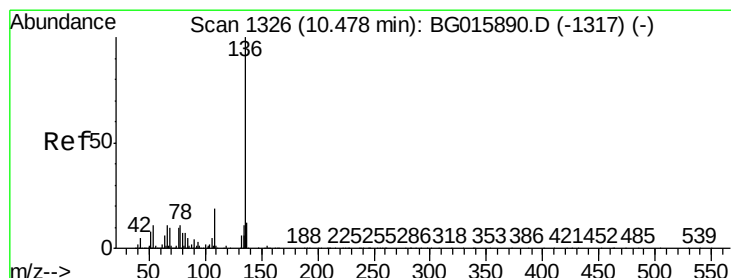
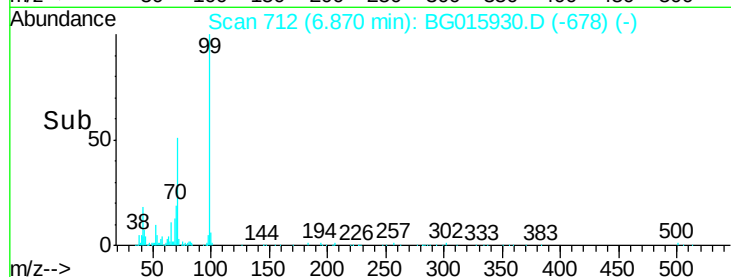
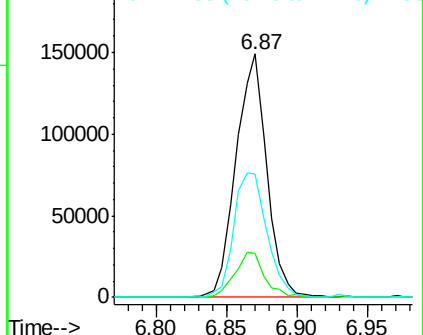
99 100

42 17.9 18.1 27.1#

71 50.8 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# 1325

Delta R.T. -0.01 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

Tgt Ion: 136 Resp: 344367

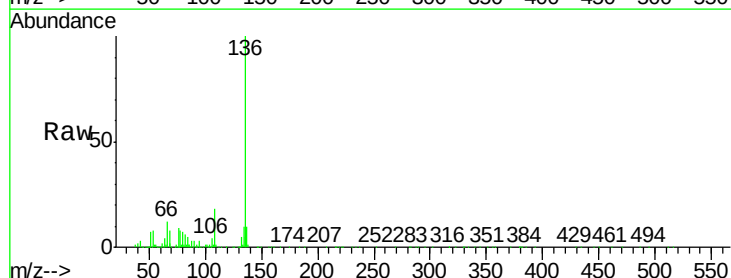
Ion Ratio Lower Upper

136 100

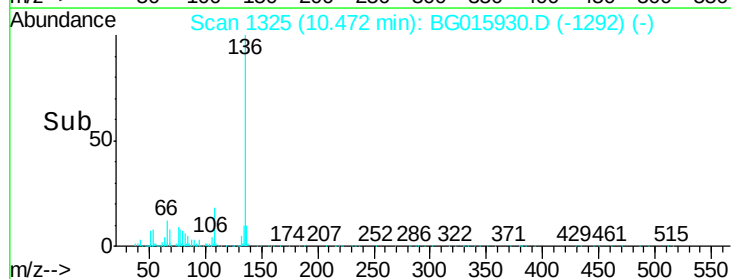
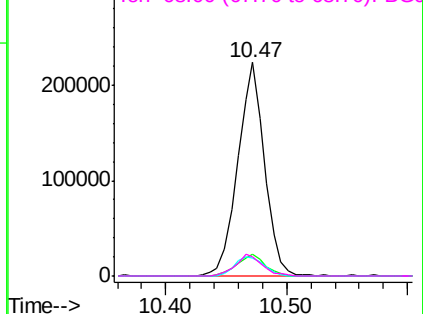
137 10.2 9.7 14.5

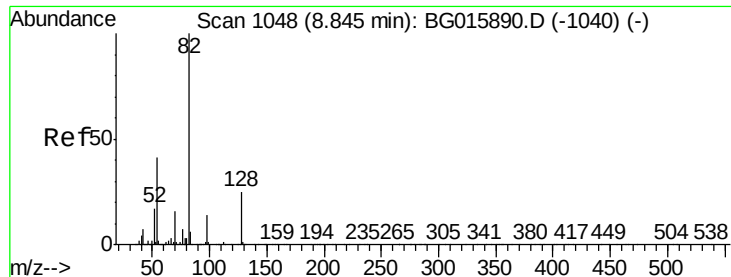
54 8.3 8.5 12.7#

68 9.3 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: 73.66 ng

RT: 8.84 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

Instrument :

BNA_G

ClientSampleId :

121B2A

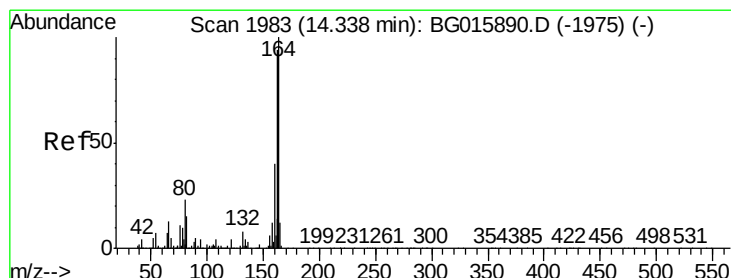
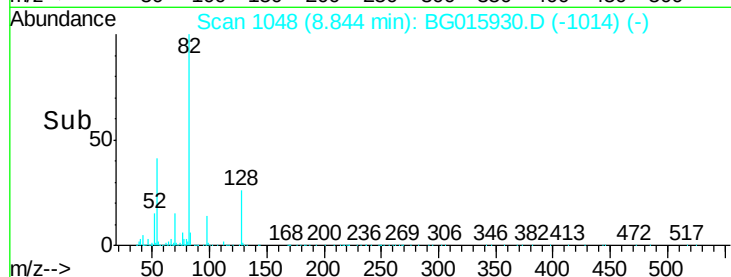
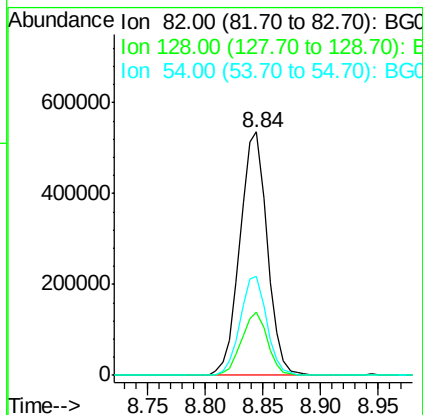
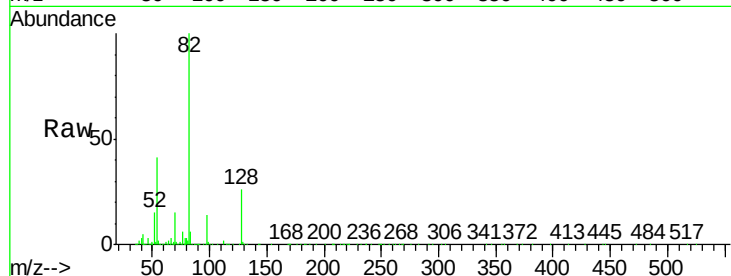
Tgt Ion: 82 Resp: 879969

Ion Ratio Lower Upper

82 100

128 26.2 19.8 29.8

54 40.8 33.0 49.4



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

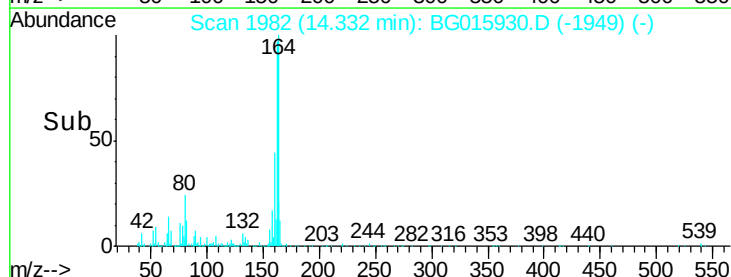
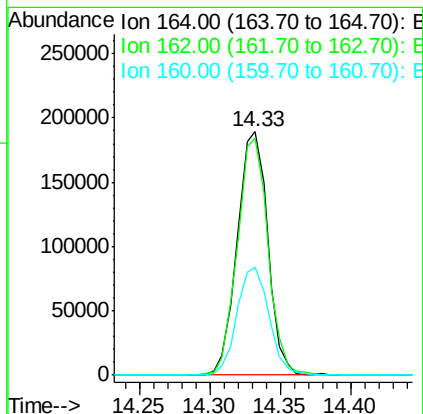
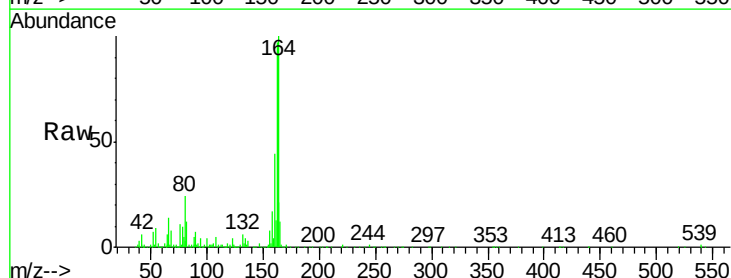
Tgt Ion: 164 Resp: 285048

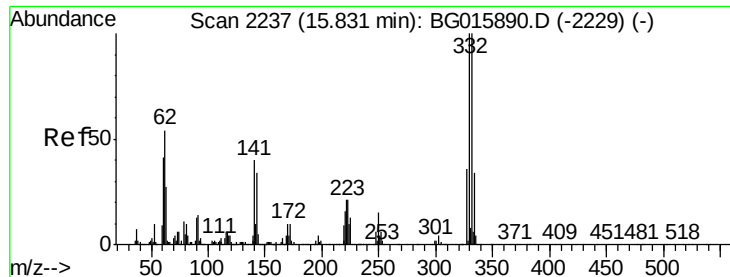
Ion Ratio Lower Upper

164 100

162 97.4 75.1 112.7

160 44.4 32.3 48.5

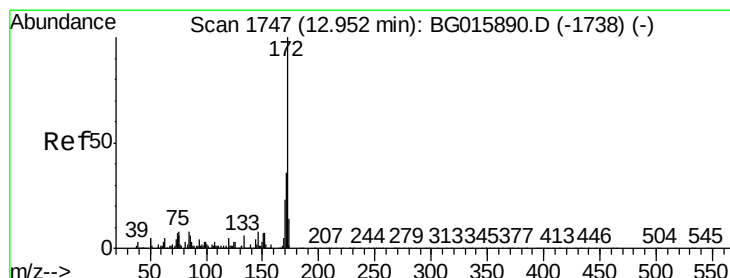
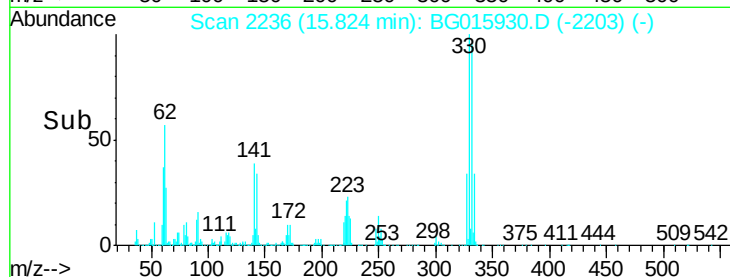
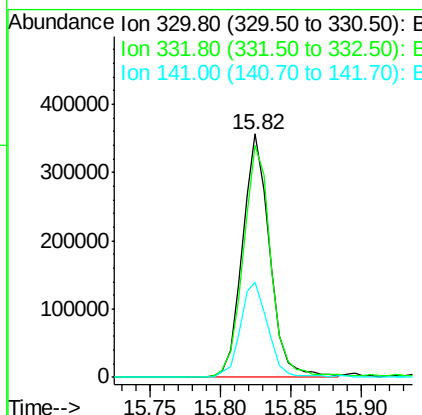
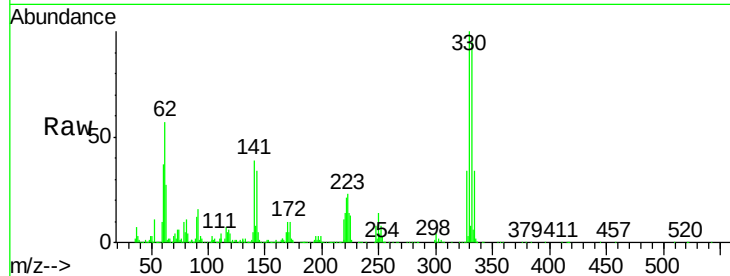




#41
2,4,6-Tribromophenol
Concen: 92.43 ng
RT: 15.82 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

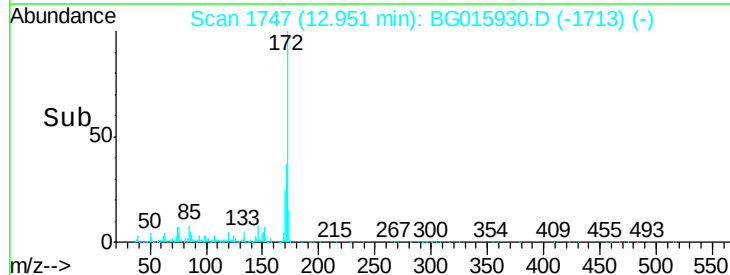
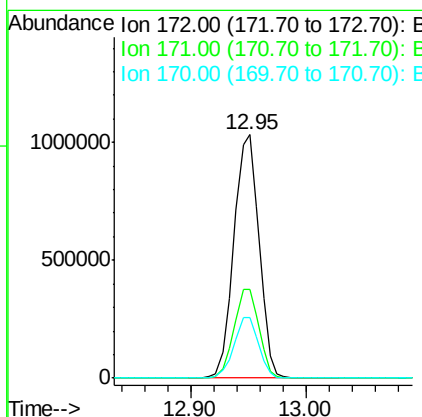
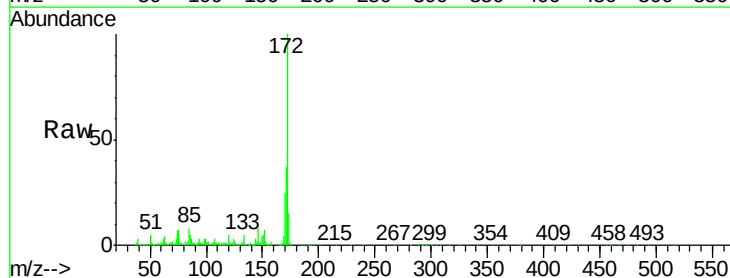
Instrument :
BNA_G
ClientSampleId :
121B2A

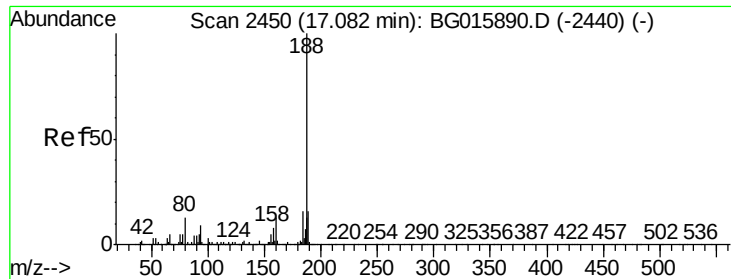
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.0
141	39.0	33.0	49.6



#44
2-Fluorobiphenyl
Concen: 85.66 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	25.0	18.6	27.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

Instrument :

BNA_G

ClientSampleId :

121B2A

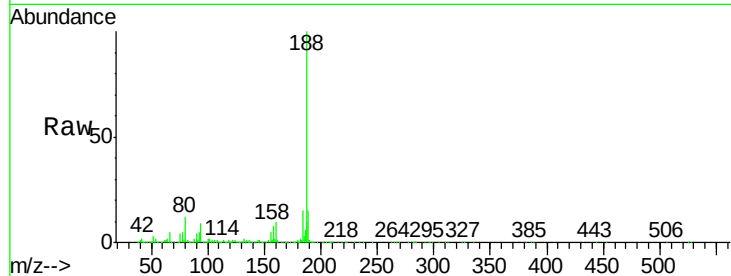
Tgt Ion:188 Resp: 797030

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.8

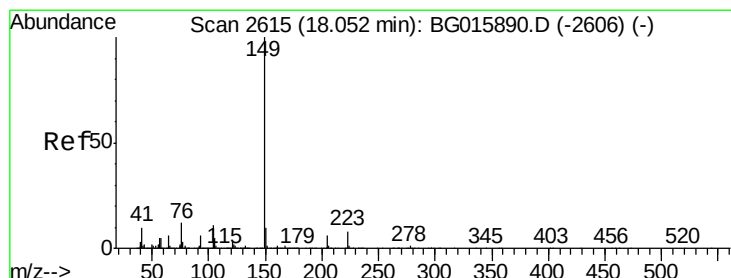
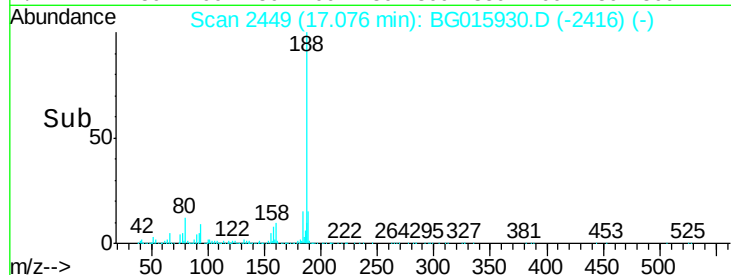
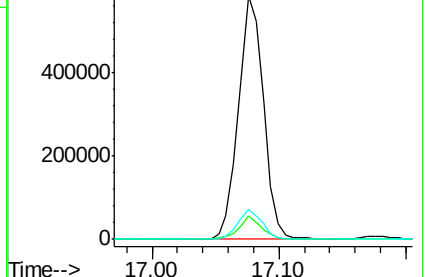
80 12.1 10.6 16.0



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



#73

Di-n-butylphthalate

Concen: 3.65 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

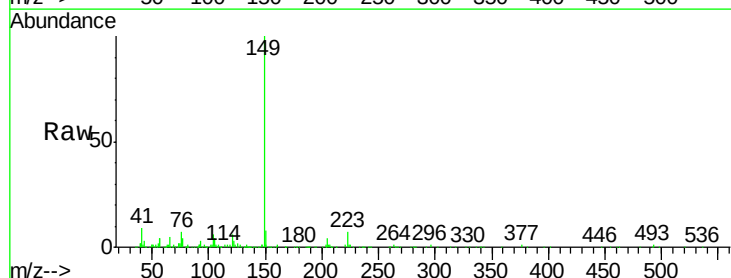
Tgt Ion:149 Resp: 145165

Ion Ratio Lower Upper

149 100

150 8.1 8.2 12.4#

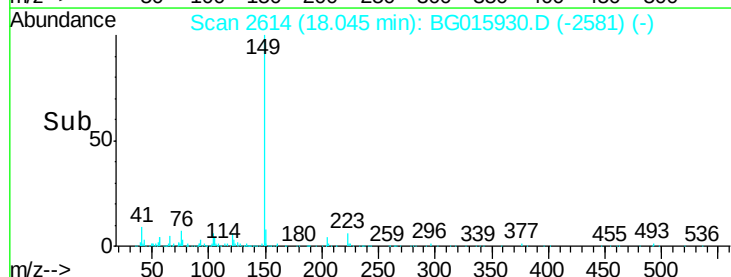
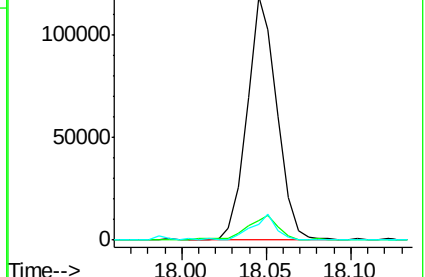
104 6.4 8.9 13.3#

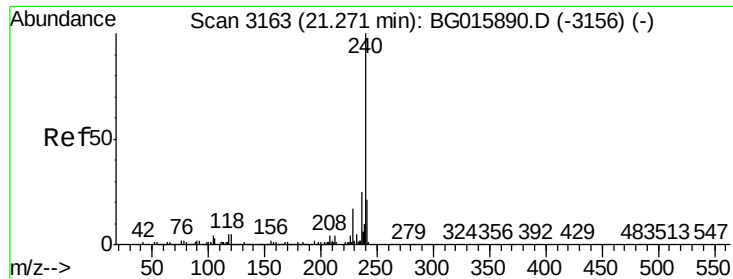


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

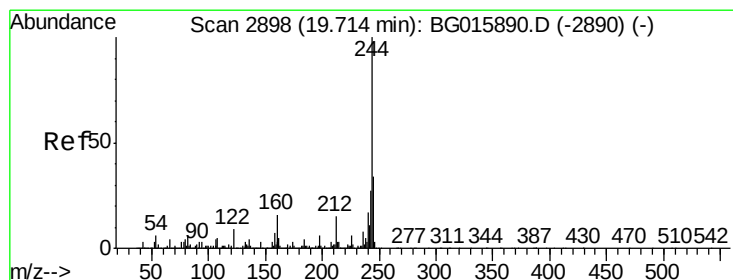
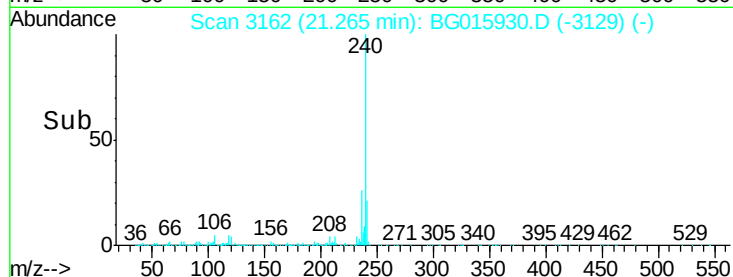
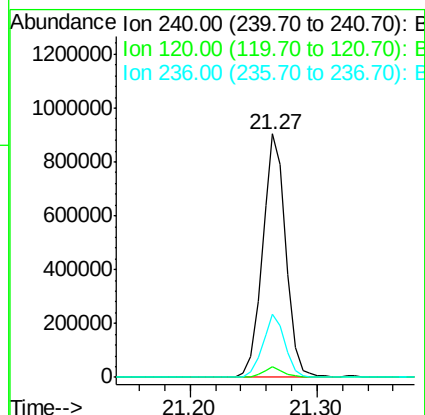
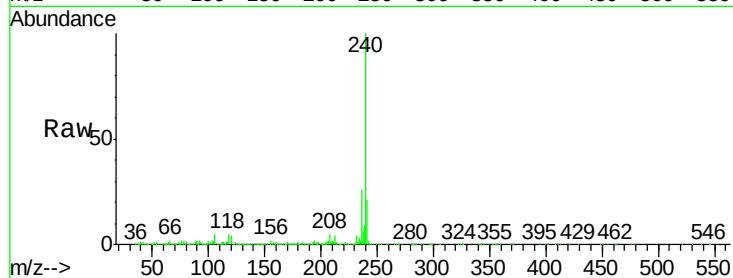




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

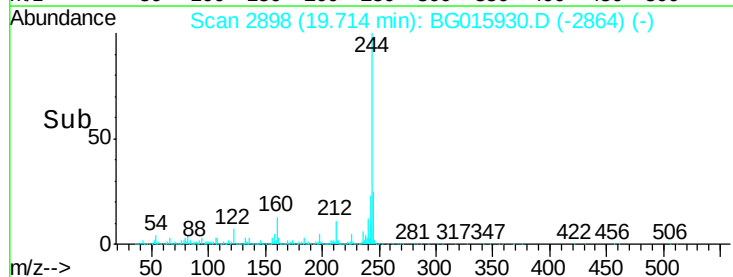
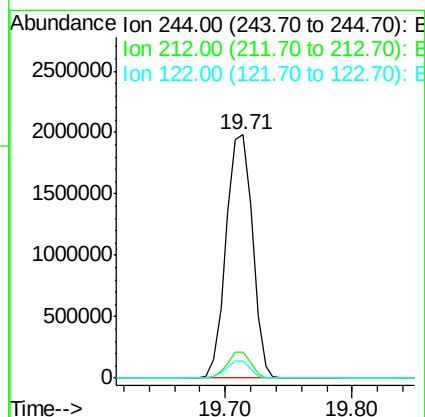
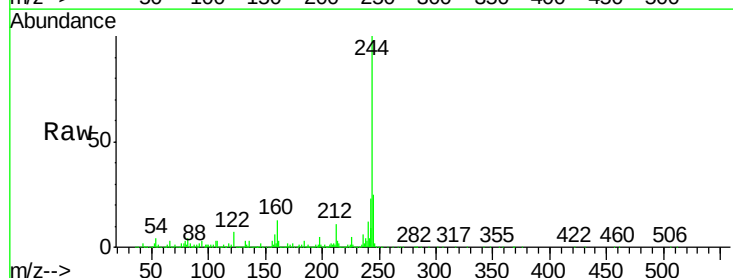
Instrument :
BNA_G
ClientSampleId :
121B2A

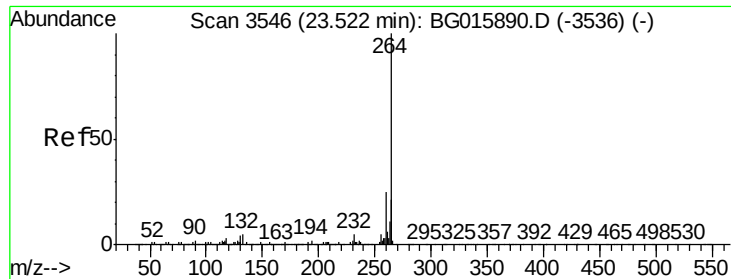
Tgt Ion:240 Resp: 1152673
Ion Ratio Lower Upper
240 100
120 4.2 3.9 5.9
236 26.0 20.0 30.0



#78
Terphenyl-d14
Concen: 64.58 ng
RT: 19.71 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Tgt Ion:244 Resp: 2847263
Ion Ratio Lower Upper
244 100
212 10.8 11.6 17.4#
122 6.8 7.0 10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. -0.00 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Instrument :
BNA_G
ClientSampleId :
121B2A

Tgt Ion: 264 Resp: 1076680

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.7	29.5
265	23.3	17.3	25.9

