

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 03:44:41 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

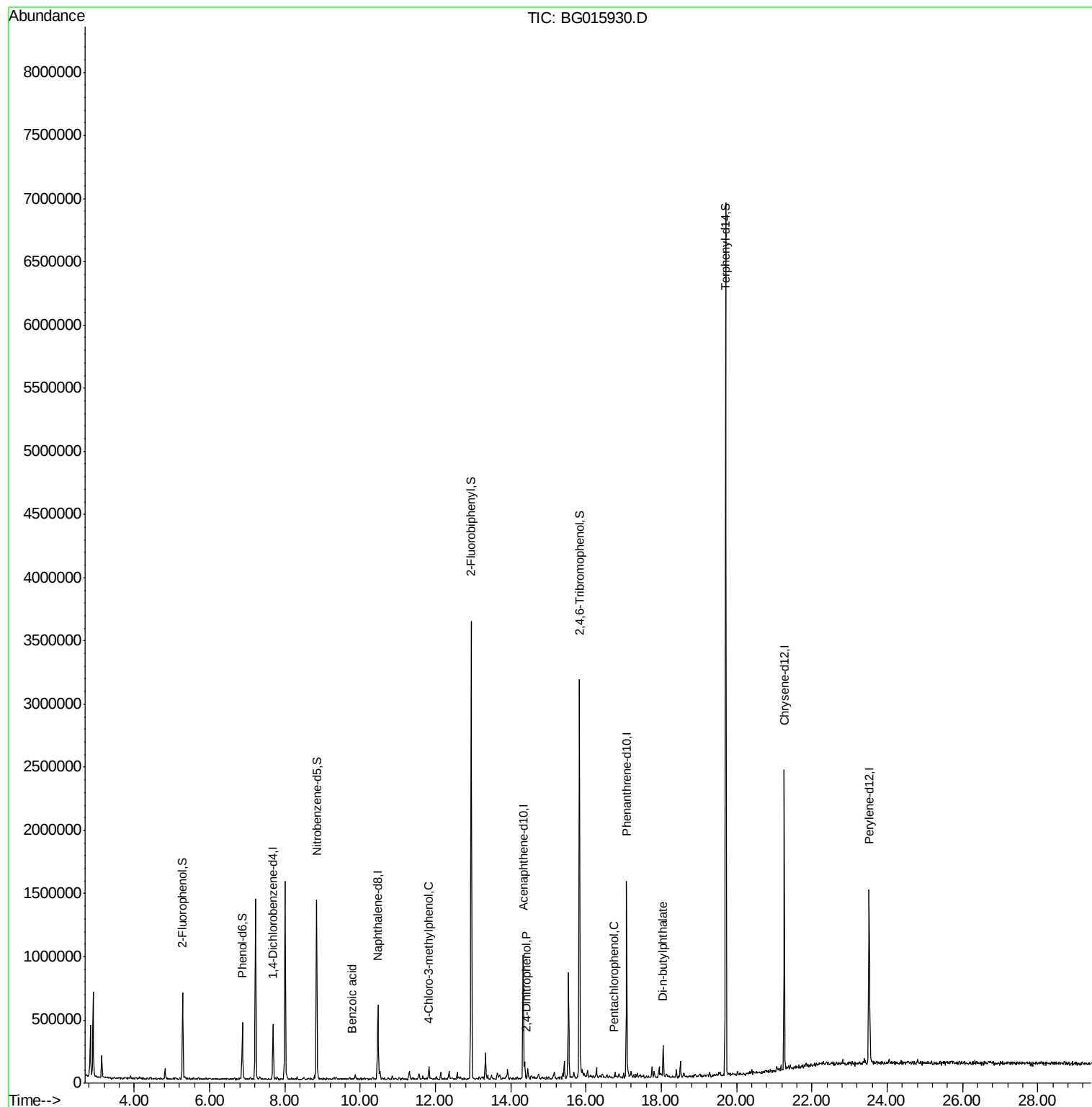
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	83463	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	344367	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	285048	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	797030	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1152673	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						
32) Benzoic acid	9.79	122	74	10.29	ng	# 1
36) 4-Chloro-3-methylphenol	11.82	107	26874	2.94	ng	# 35
53) 2,4-Dinitrophenol	14.42	184	140	4.56	ng	# 47
69) Pentachlorophenol	16.74	266	139	5.25	ng	# 17
73) Di-n-butylphthalate	18.05	149	145165	3.65	ng	# 91
80) Benzo(a)anthracene	21.26	228	4969	Below Cal		# 65

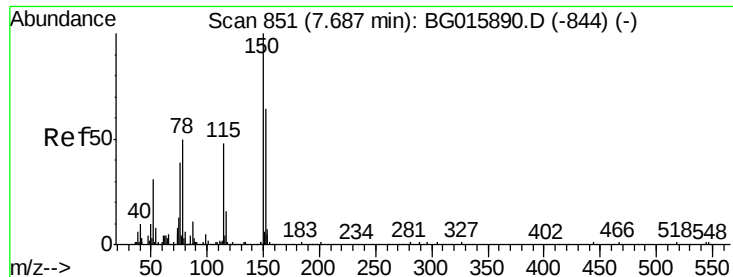
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampleId :

121B2A

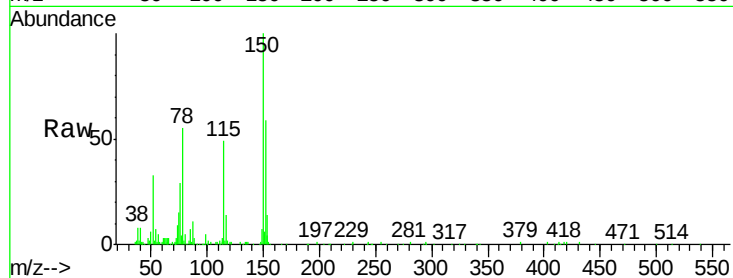
Tgt Ion:152 Resp: 83463

Ion Ratio Lower Upper

152 100

150 170.9 124.5 186.7

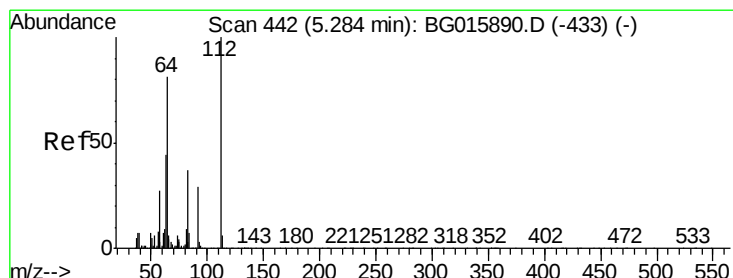
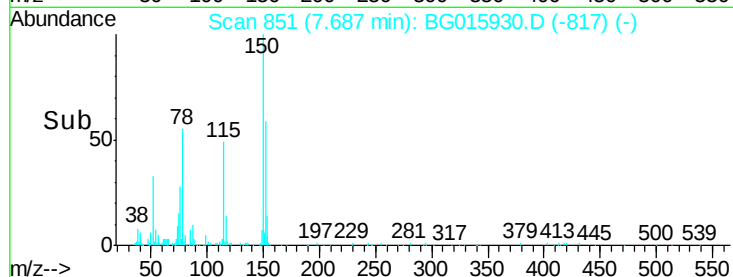
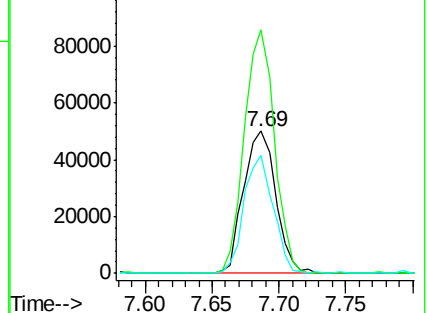
115 83.3 60.4 90.6



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: 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

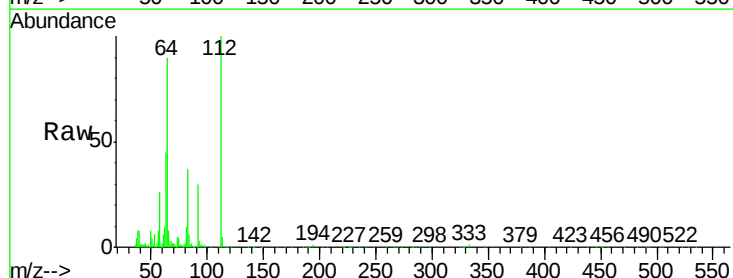
Tgt Ion:112 Resp: 220745

Ion Ratio Lower Upper

112 100

64 90.1 64.4 96.6

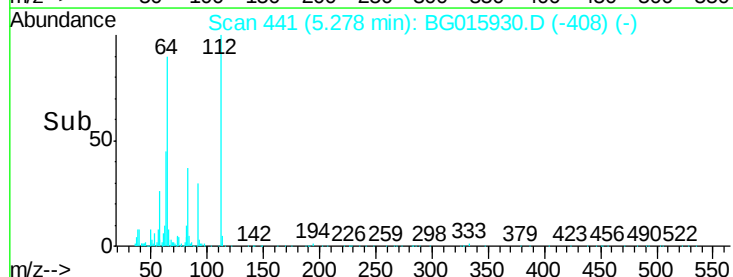
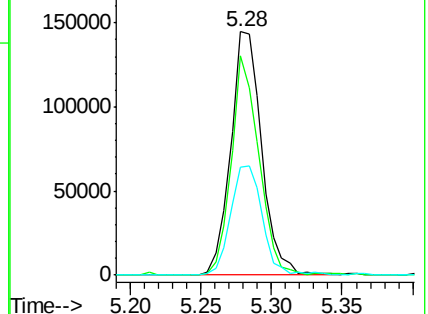
63 44.5 35.1 52.7

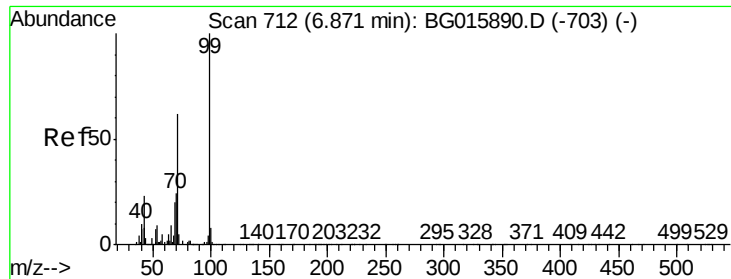


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 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

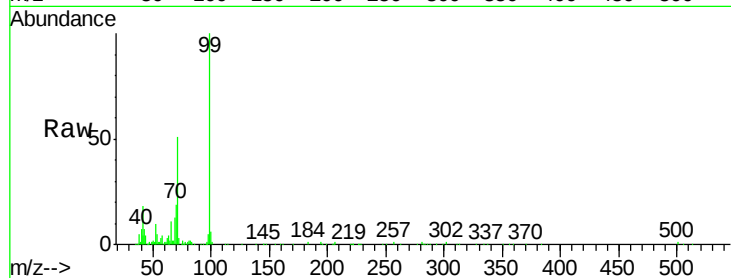
Tgt Ion: 99 Resp: 227092

Ion Ratio Lower Upper

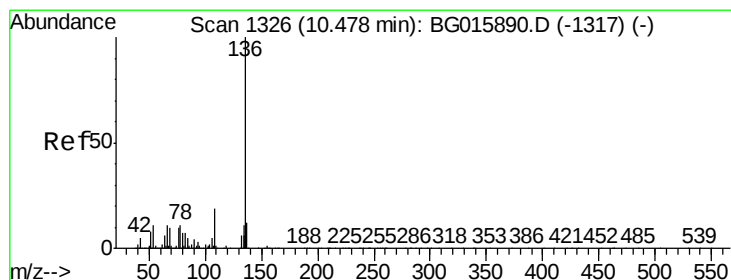
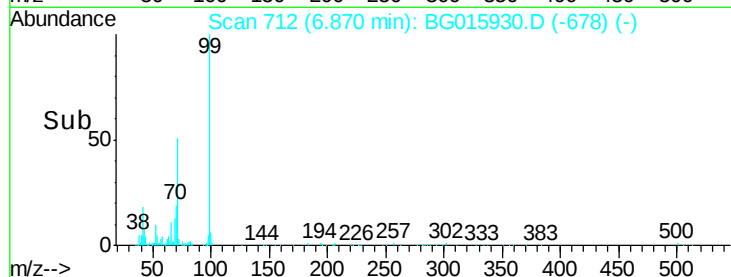
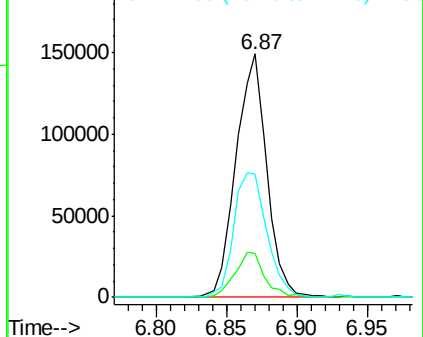
99 100

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

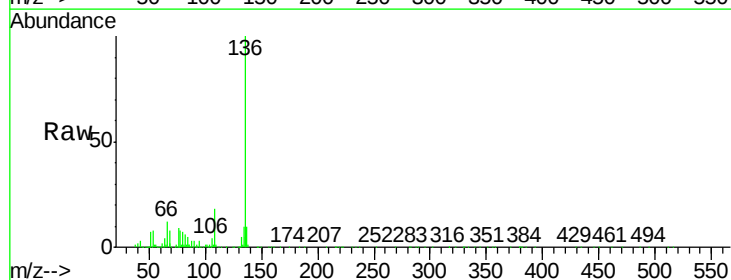
Ion Ratio Lower Upper

136 100

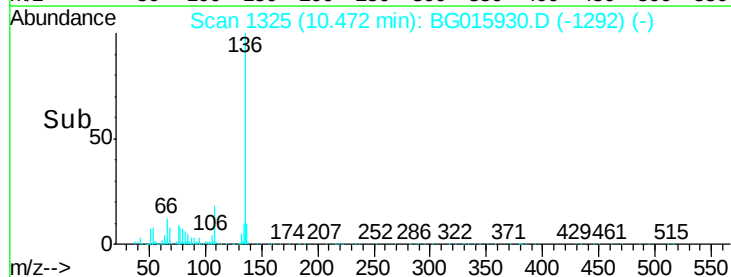
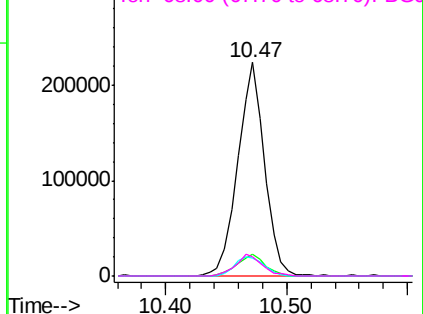
137 10.2 9.7 14.5

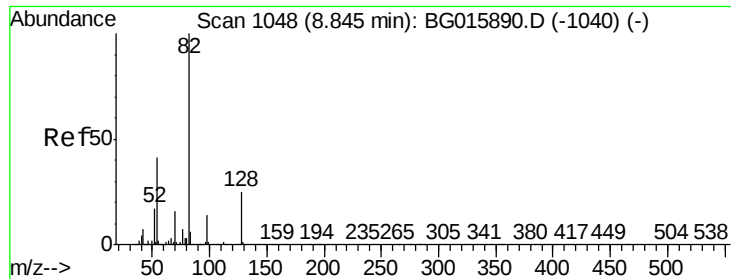
54 8.3 8.5 12.7#

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

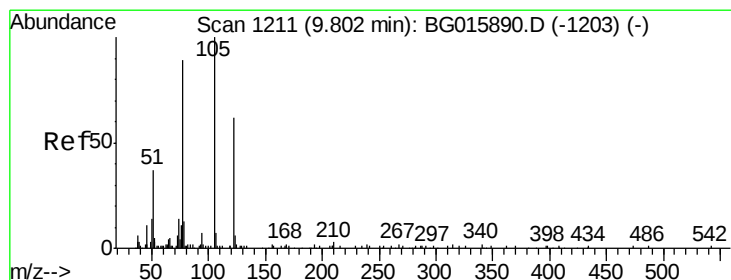
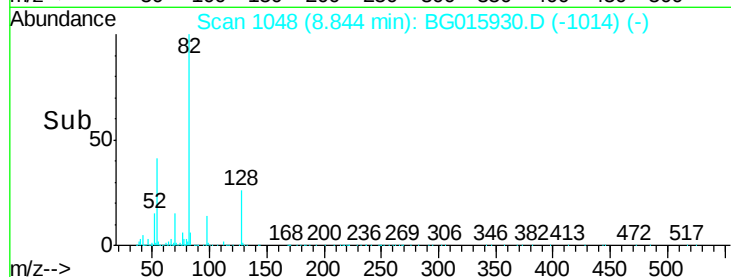
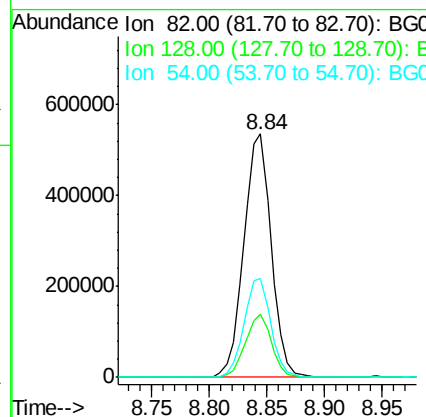
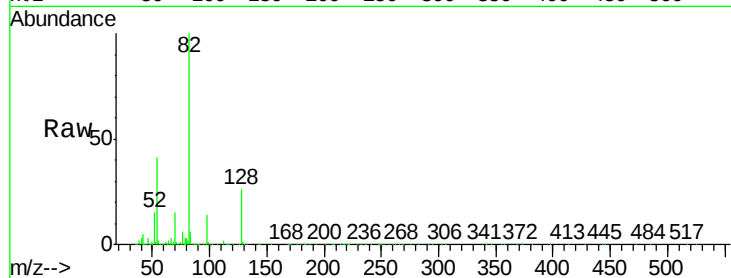




#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 8.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

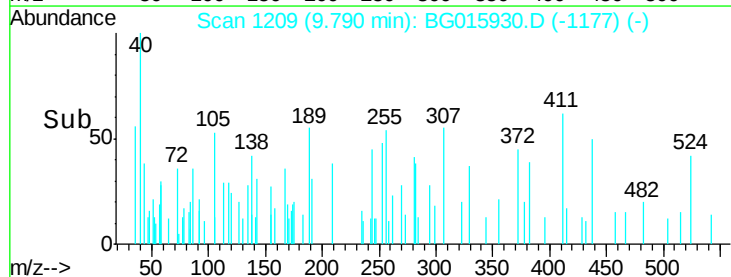
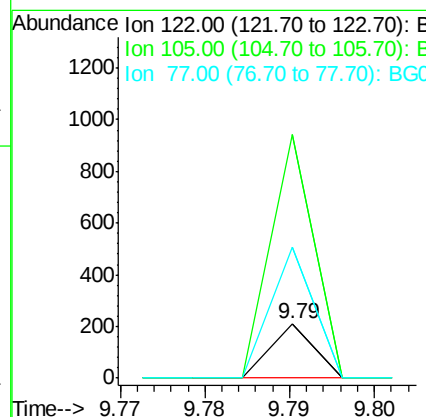
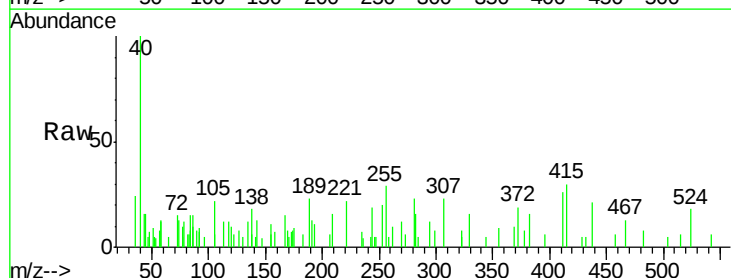
Instrument :
BNA_G
ClientSampleId :
121B2A

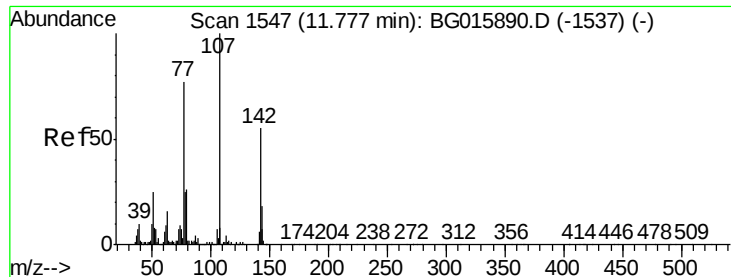
Tgt Ion	Ratio	Lower	Upper
82	100		
128	26.2	19.8	29.8
54	40.8	33.0	49.4



#32
Benzoic acid
Concen: 10.29 ng
RT: 9.79 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	448.6	140.2	180.2#
77	241.9	126.4	166.4#

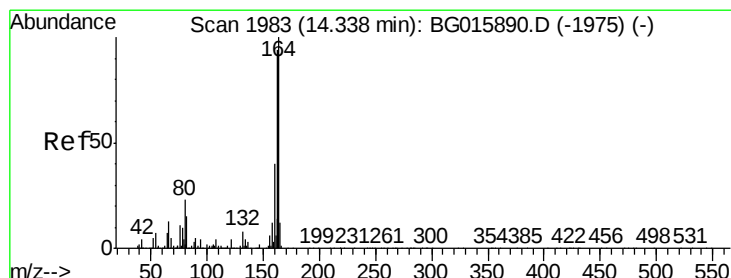
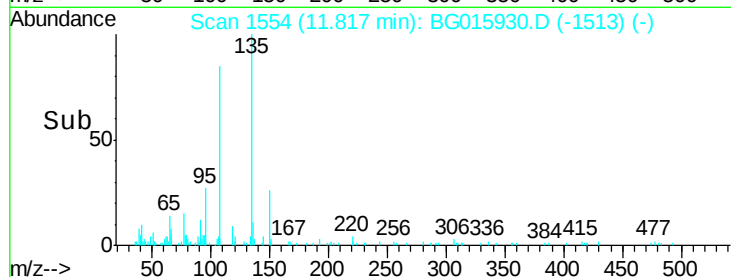
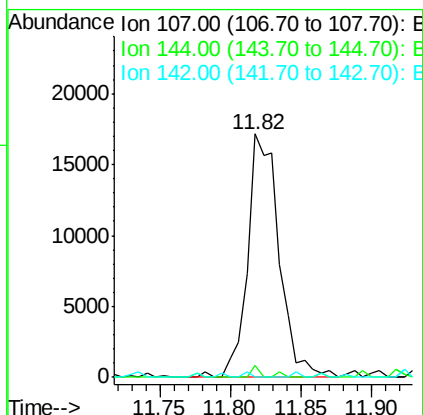
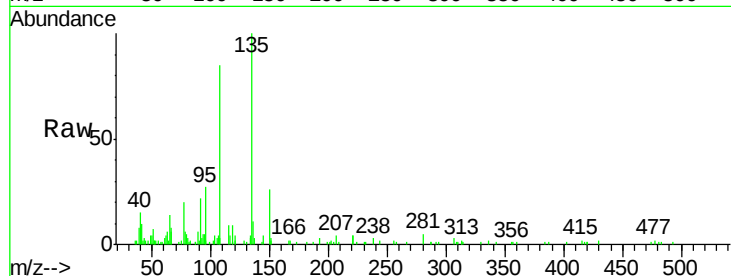




#36
4-Chloro-3-methylphenol
Concen: 2.94 ng
RT: 11.82 min Scan# 1554
Delta R.T. 0.04 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

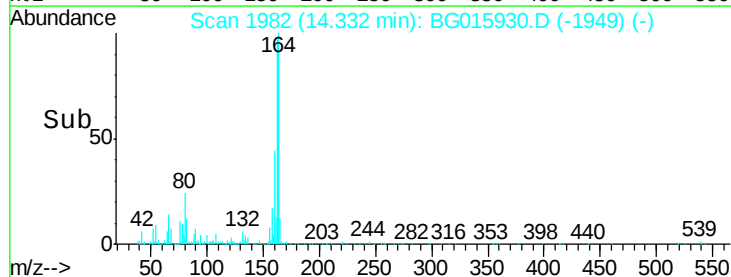
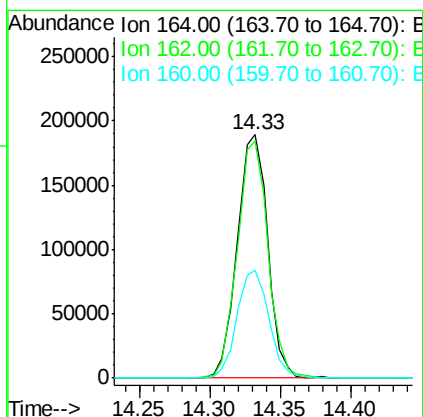
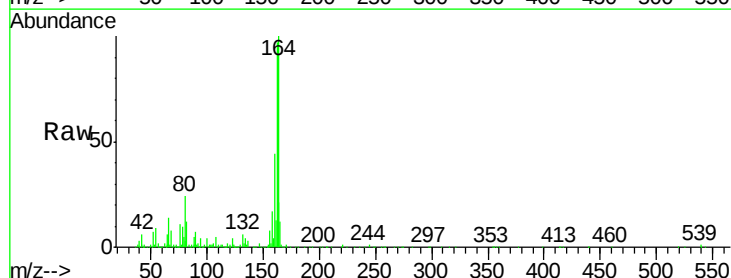
Instrument :
BNA_G
ClientSampleId :
121B2A

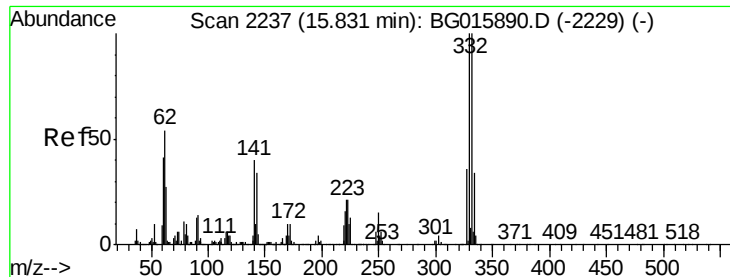
Tgt Ion:107 Resp: 26874
Ion Ratio Lower Upper
107 100
144 4.7 14.6 22.0#
142 0.0 43.8 65.6#



#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

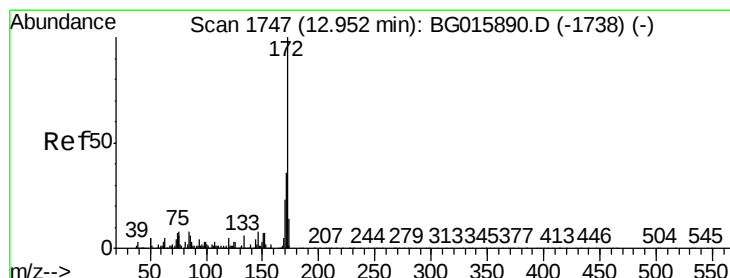
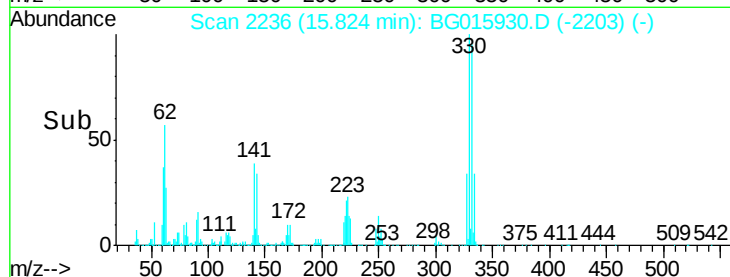
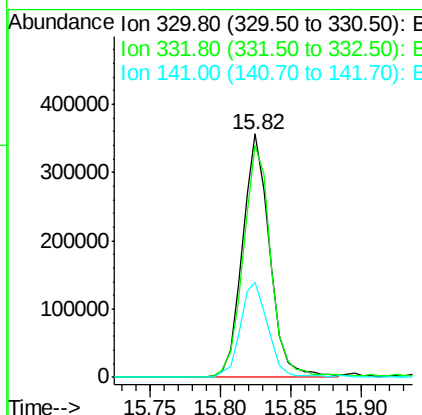
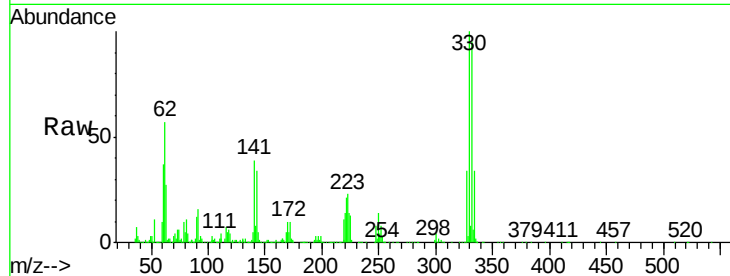




#41
 2,4,6-Tribromophenol
 Concen: 92.43 ng
 RT: 15.82 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG015930.D
 Acq: 27 Jan 2015 2:05

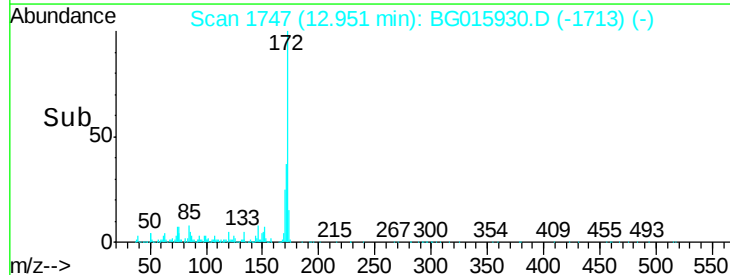
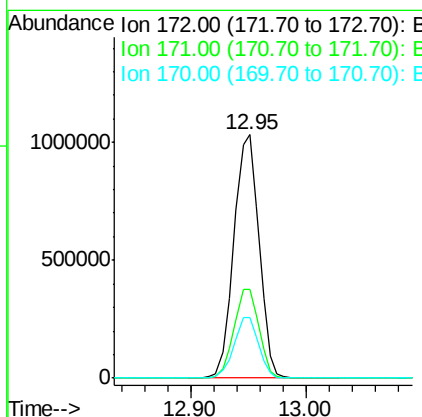
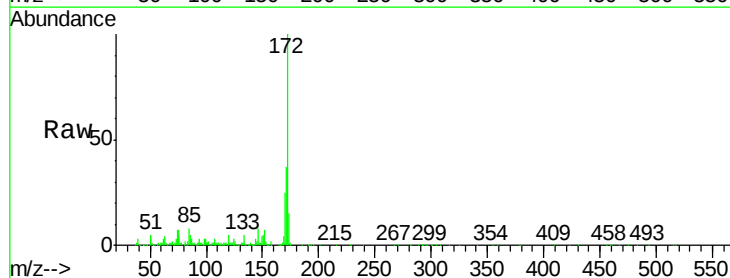
Instrument :
 BNA_G
 ClientSampleId :
 121B2A

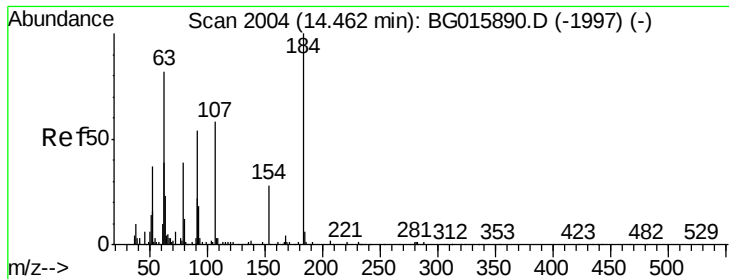
Tgt Ion:330 Resp: 482317
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.0
 141 39.0 33.0 49.6



#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:172 Resp: 1556200
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 25.0 18.6 27.8

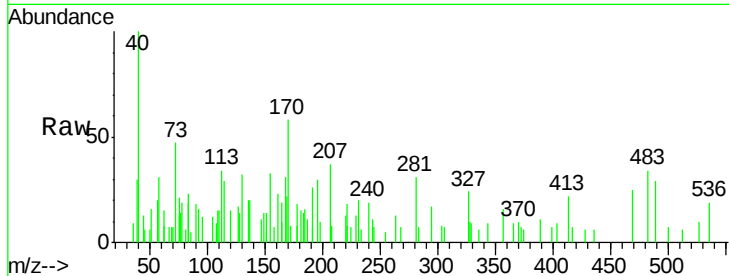




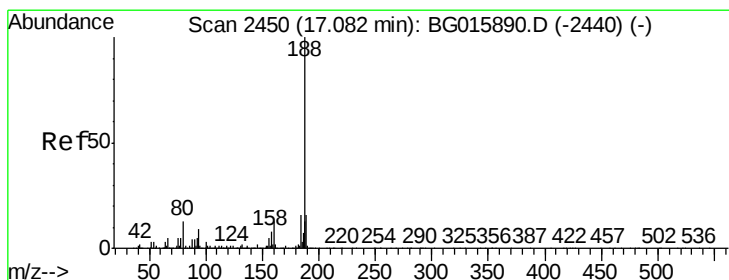
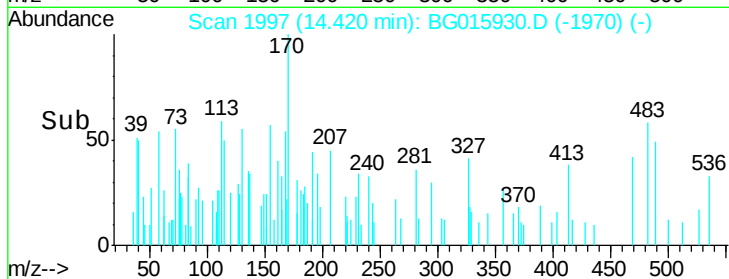
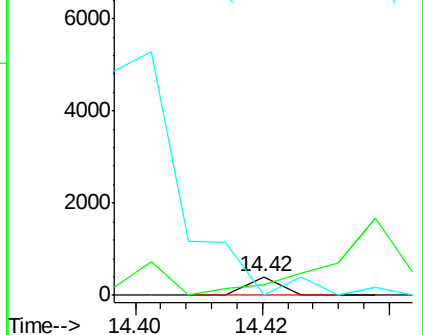
#53
2,4-Dinitrophenol
Concen: 4.56 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

Instrument :
BNA_G
ClientSampleID :
121B2A

Tgt Ion:184 Resp: 140
Ion Ratio Lower Upper
184 100
63 60.3 68.6 103.0#
154 0.0 54.9 82.3#

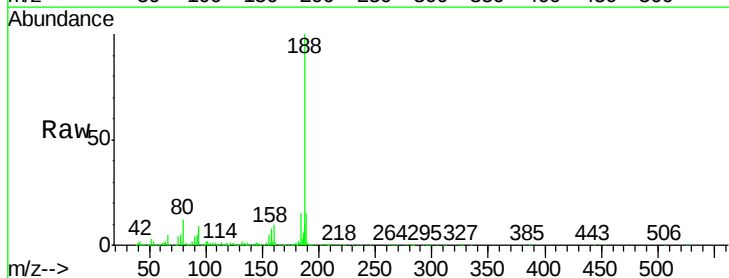


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

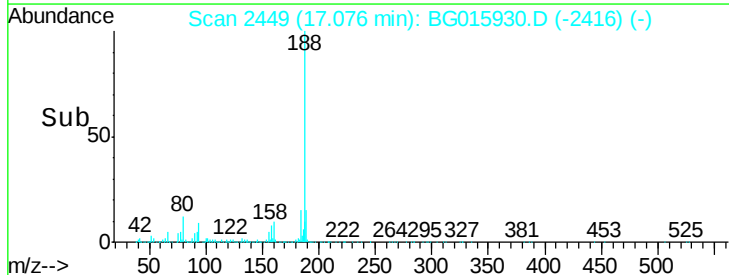
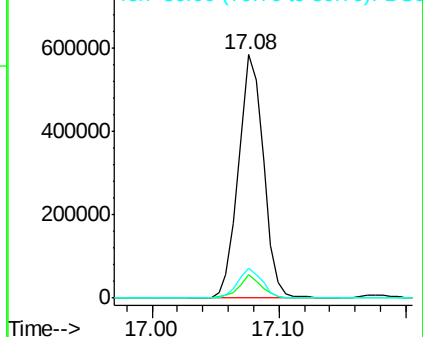


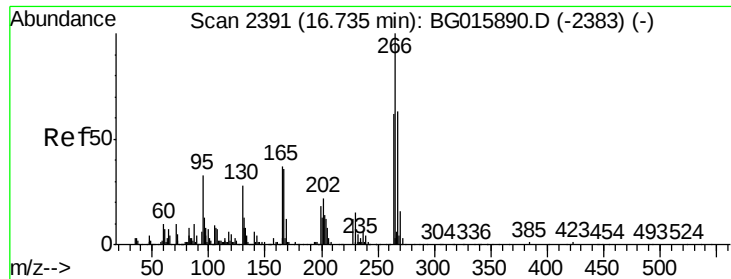
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015930.D
Acq: 27 Jan 2015 2:05

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): BG
Ion 80.00 (79.70 to 80.70): BG





#69

Pentachlorophenol

Concen: 5.25 ng

RT: 16.74 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BG015930.D

Acq: 27 Jan 2015 2:05

Instrument :

BNA_G

ClientSampleId :

121B2A

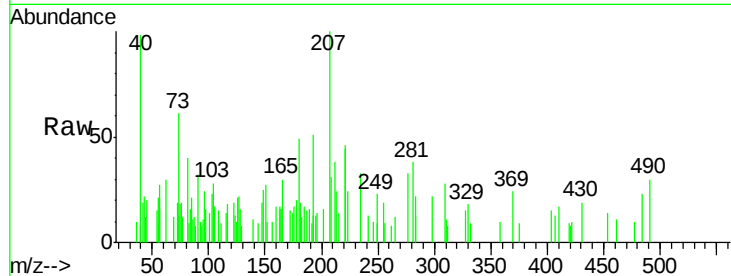
Tgt Ion:266 Resp: 139

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

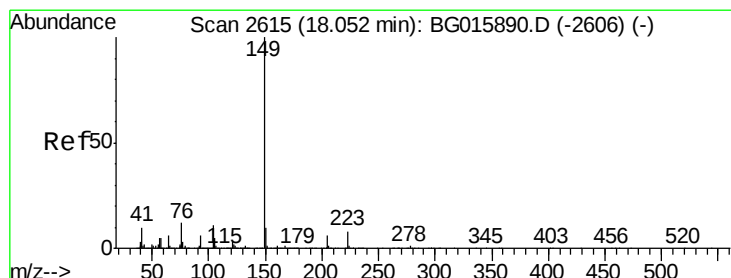
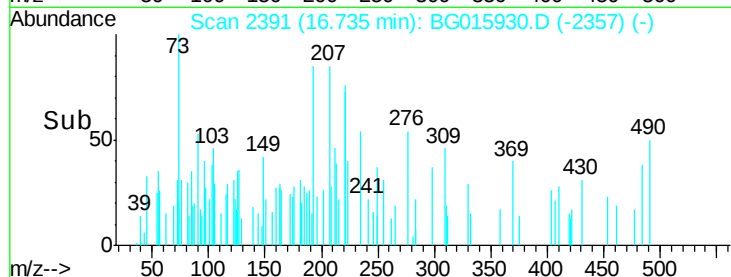
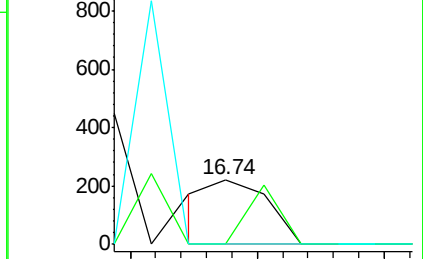
264 0.0 51.9 77.9#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#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

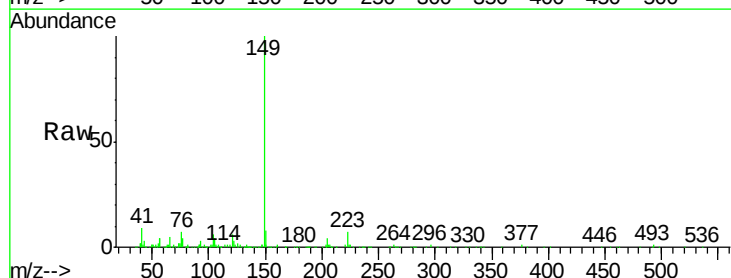
Tgt Ion:149 Resp: 145165

Ion Ratio Lower Upper

149 100

150 8.1 8.2 12.4#

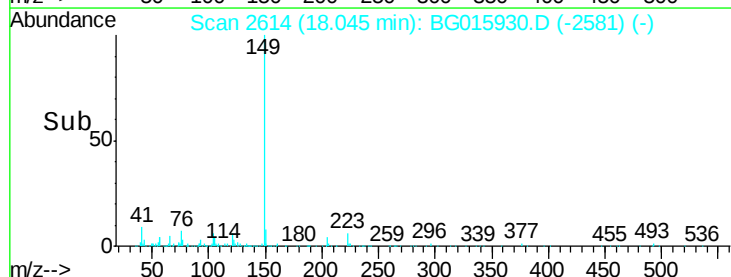
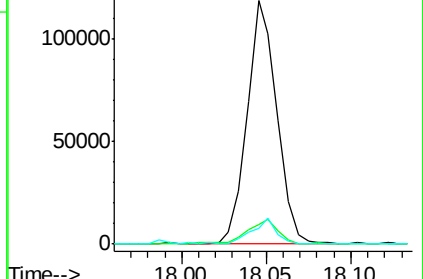
104 6.4 8.9 13.3#

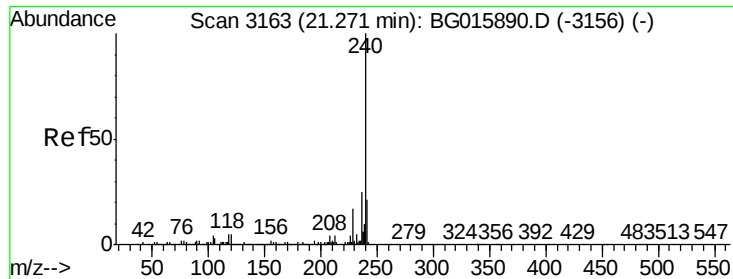


Abundance Ion 149.00 (148.70 to 149.70): E

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

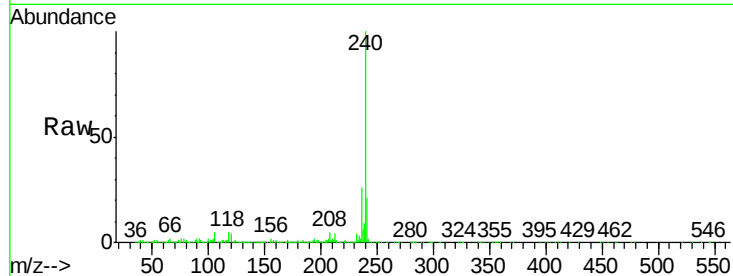
Tgt Ion:240 Resp: 1152673

Ion Ratio Lower Upper

240 100

120 4.2 3.9 5.9

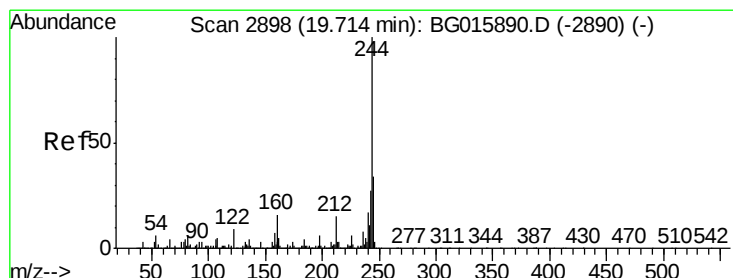
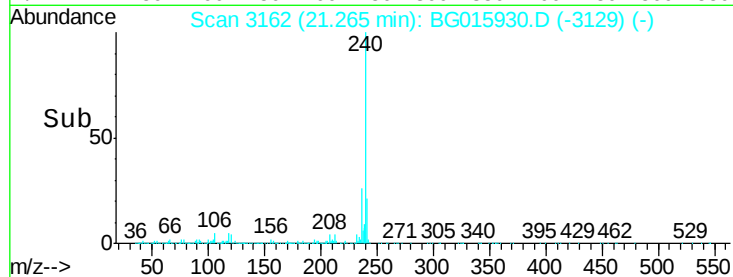
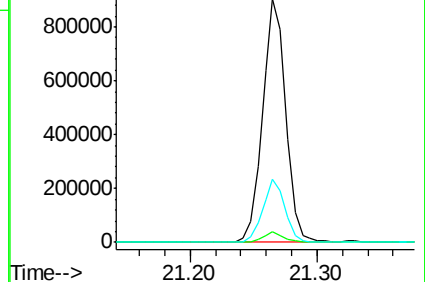
236 26.0 20.0 30.0



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: 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

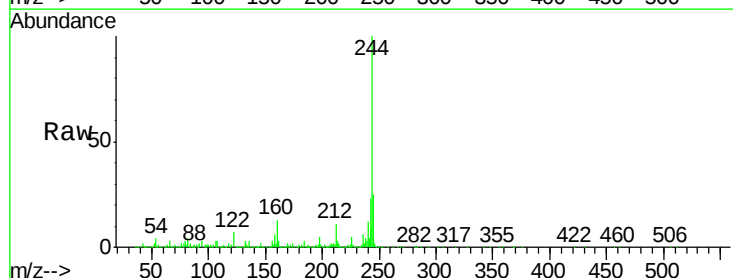
Tgt Ion:244 Resp: 2847263

Ion Ratio Lower Upper

244 100

212 10.8 11.6 17.4#

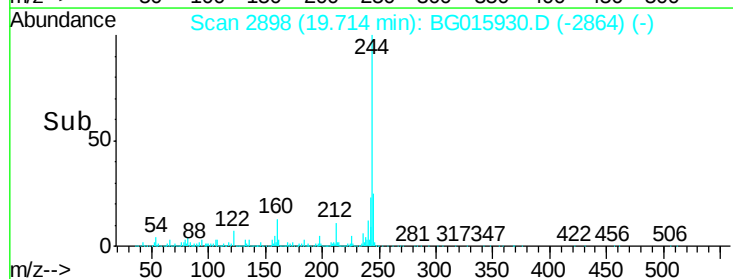
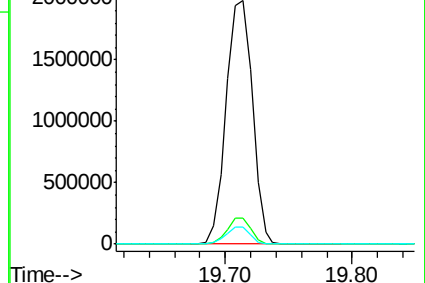
122 6.8 7.0 10.4#

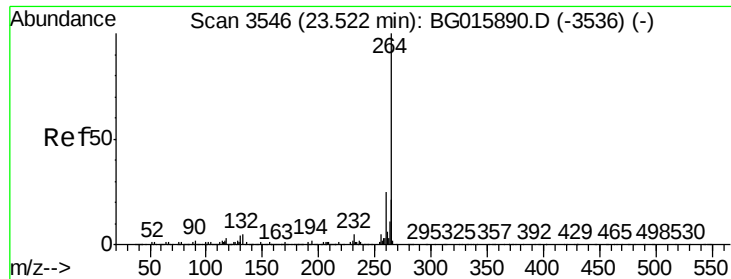


Abundance Ion 244.00 (243.70 to 244.70): E

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: 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

