

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015917.D
 Acq On : 26 Jan 2015 18:36
 Operator : TP/IZ
 Sample : PB81502BL
 Misc : S
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Jan 27 02:30:18 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

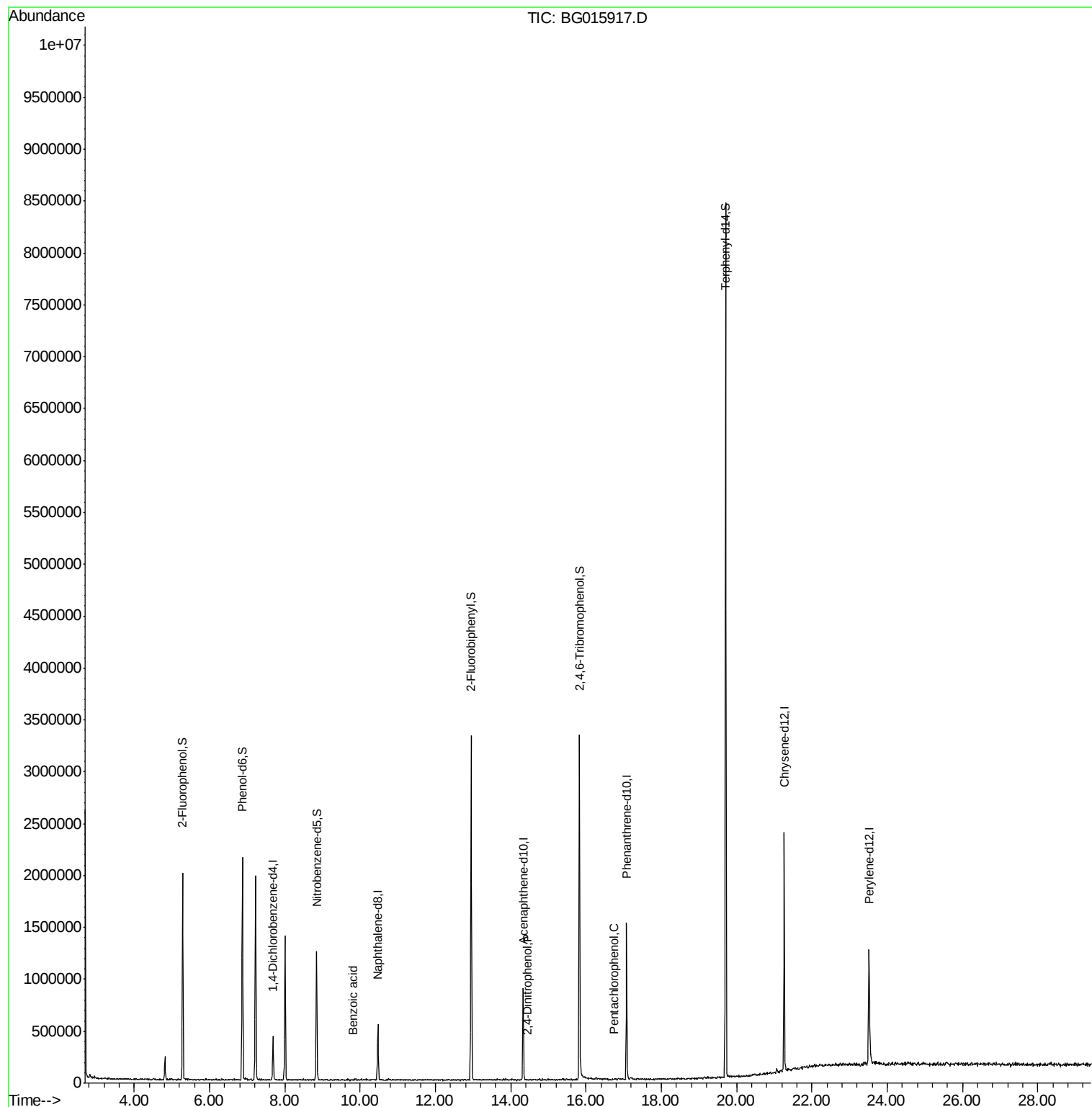
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	75490	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	316098	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	264799	20.00	ng	-0.01
63) Phenanthrene-d10	17.08	188	774187	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1091007	20.00	ng	0.00
86) Perylene-d12	23.52	264	1004955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	636943	125.65	ng	0.00
7) Phenol-d6	6.87	99	998659	122.25	ng	0.00
23) Nitrobenzene-d5	8.84	82	796207	72.61	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	555696	114.63	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1437145	85.15	ng	0.00
78) Terphenyl-d14	19.71	244	3213827	83.17	ng	0.00
Target Compounds						
32) Benzoic acid	9.80	122	185	10.38	ng	# 1
53) 2,4-Dinitrophenol	14.44	184	227	4.60	ng	# 10
69) Pentachlorophenol	16.74	266	144	5.25	ng	# 17

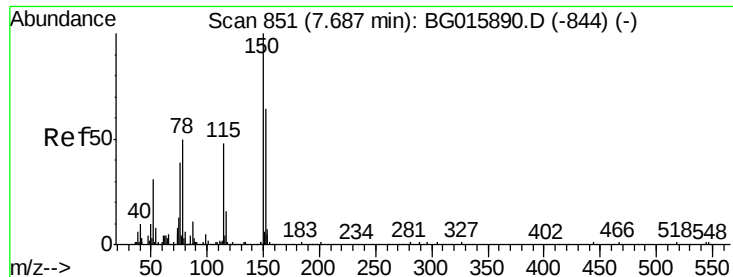
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG015917.D

Acq: 26 Jan 2015 18:36

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BNA_G

ClientSampleId :

DFTPP

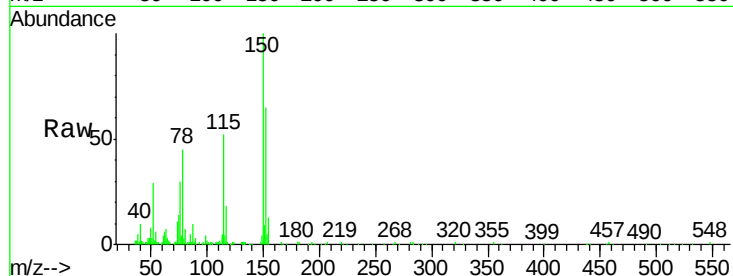
Tgt Ion:152 Resp: 75490

Ion Ratio Lower Upper

152 100

150 154.6 124.5 186.7

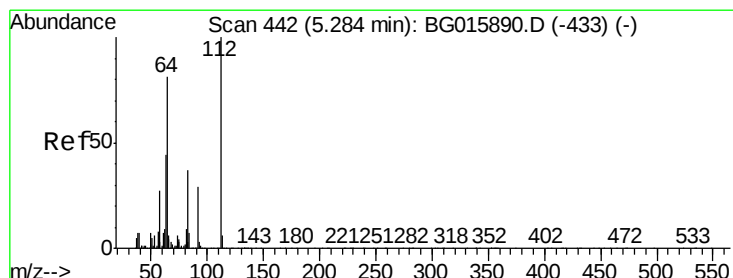
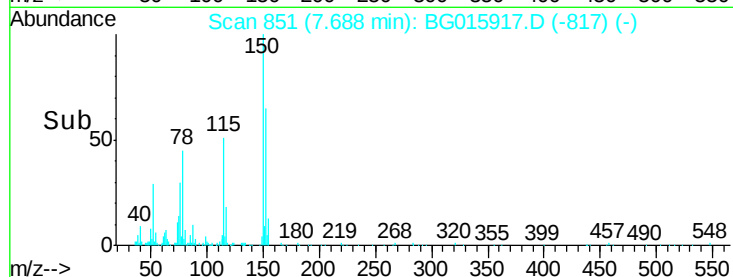
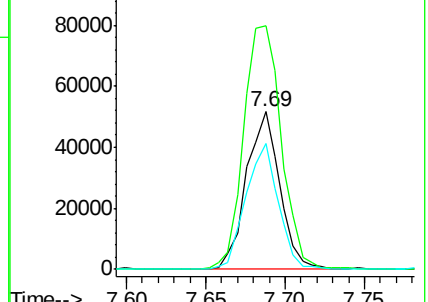
115 80.2 60.4 90.6



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: 125.65 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG015917.D

Acq: 26 Jan 2015 18:36

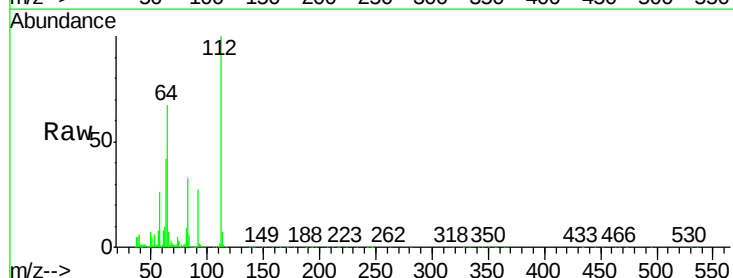
Tgt Ion:112 Resp: 636943

Ion Ratio Lower Upper

112 100

64 67.0 64.4 96.6

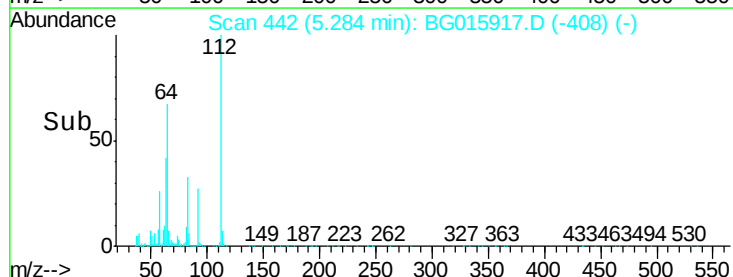
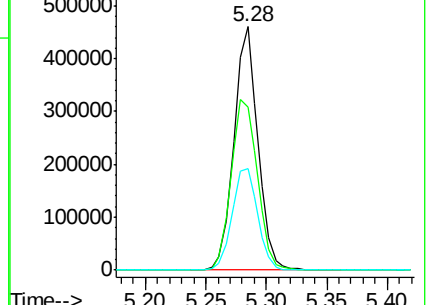
63 41.8 35.1 52.7

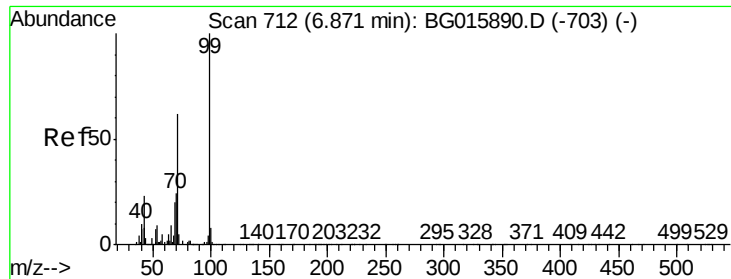


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.25 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015917.D

Acq: 26 Jan 2015 18:36

Instrument :

BNA_G

ClientSampleId :

DFTPP

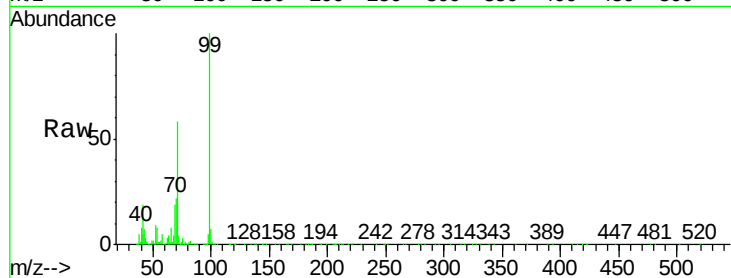
Tgt Ion: 99 Resp: 998659

Ion Ratio Lower Upper

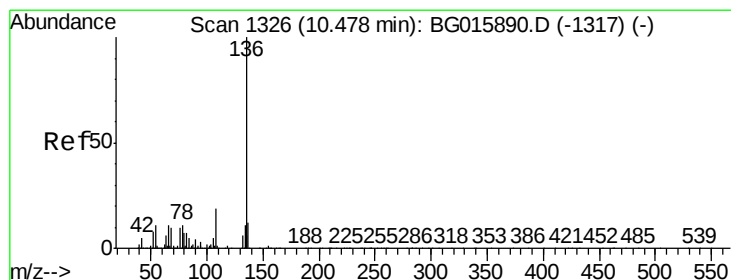
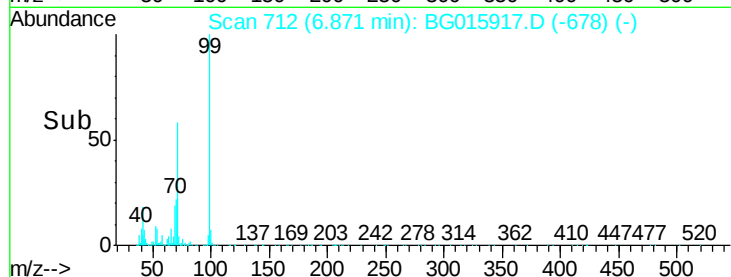
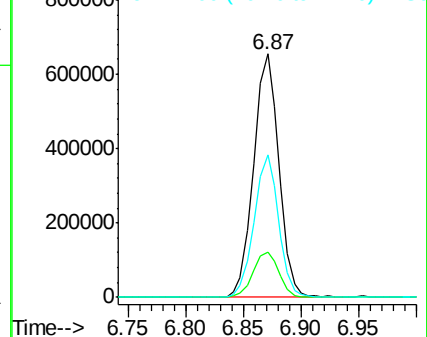
99 100

42 18.5 18.1 27.1

71 58.4 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# 1325

Delta R.T. -0.01 min

Lab File: BG015917.D

Acq: 26 Jan 2015 18:36

Tgt Ion: 136 Resp: 316098

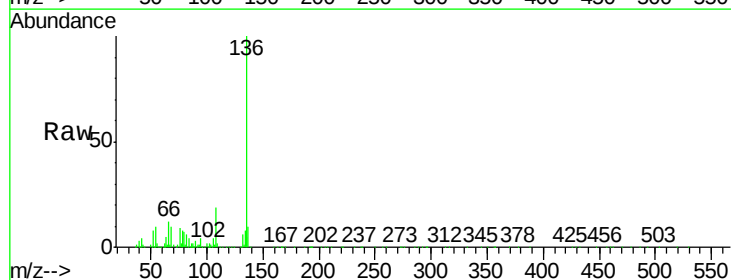
Ion Ratio Lower Upper

136 100

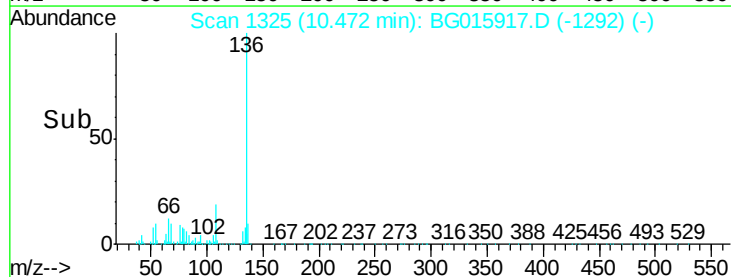
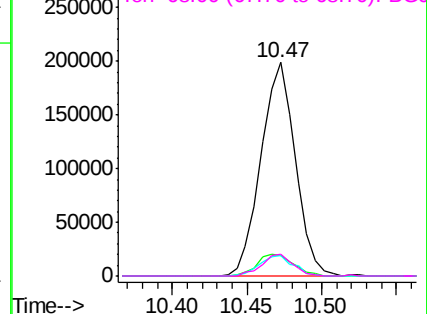
137 9.9 9.7 14.5

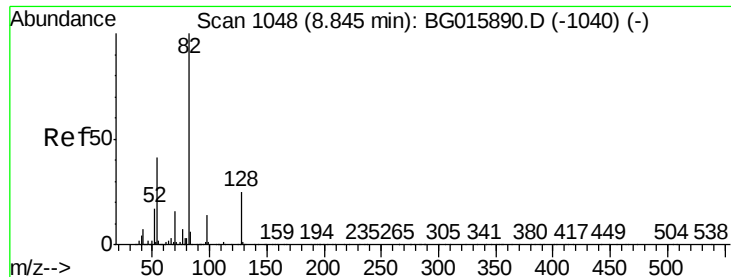
54 9.9 8.5 12.7

68 10.0 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

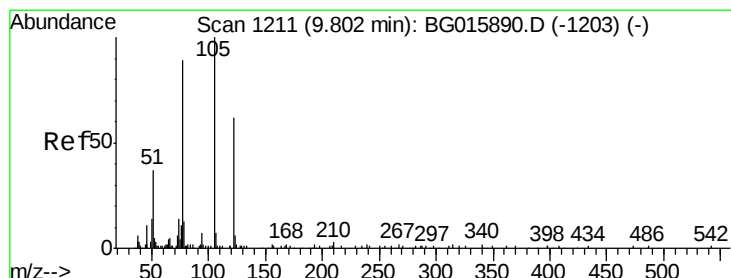
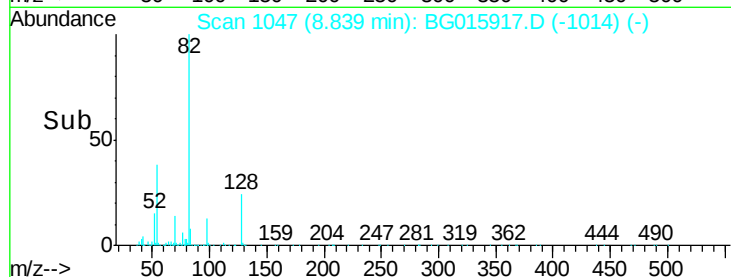
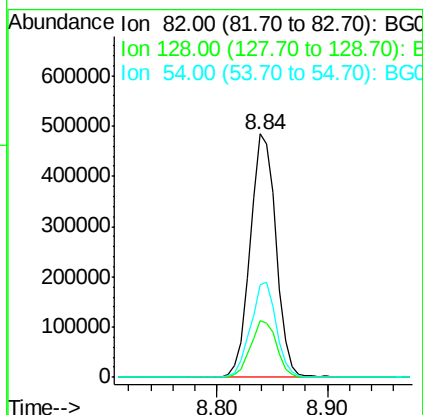
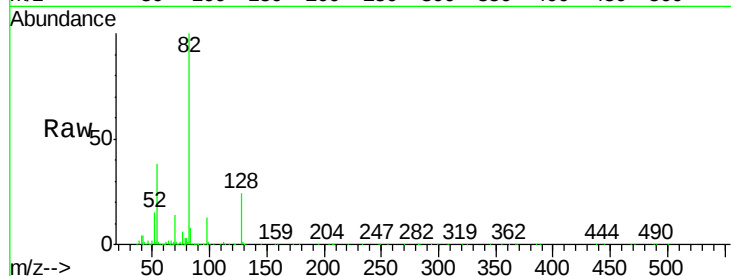




#23
Nitrobenzene-d5
Concen: 72.61 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

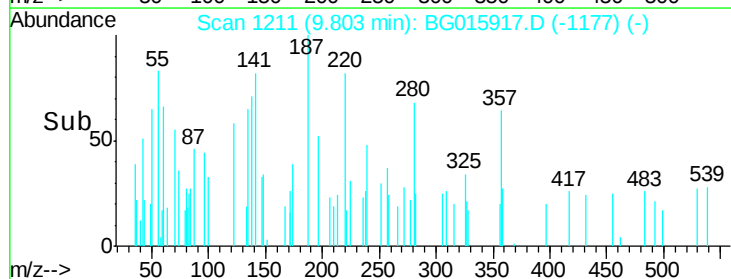
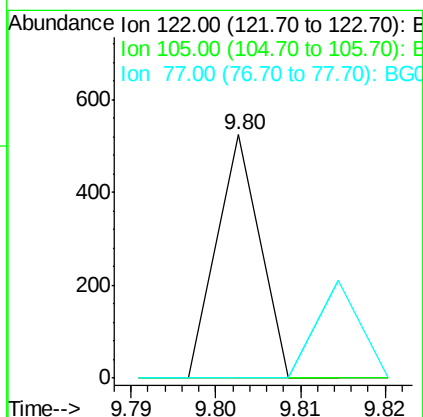
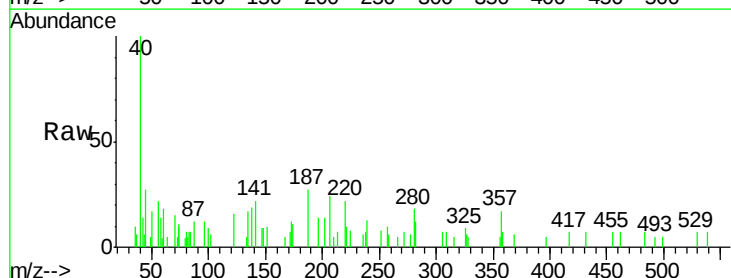
Instrument :
BNA_G
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DFTPP

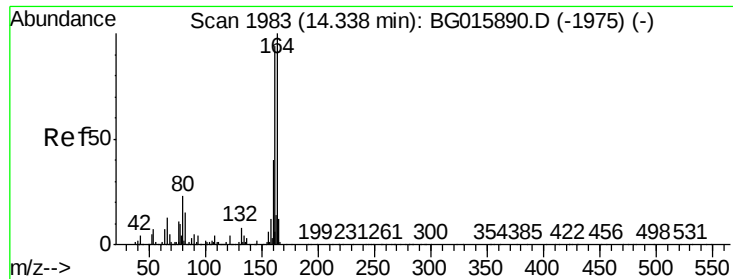
Tgt Ion	Ratio	Lower	Upper
82	100		
128	23.5	19.8	29.8
54	38.1	33.0	49.4



#32
Benzoic acid
Concen: 10.38 ng
RT: 9.80 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

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

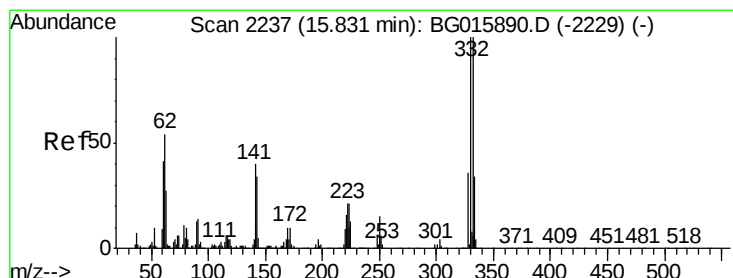
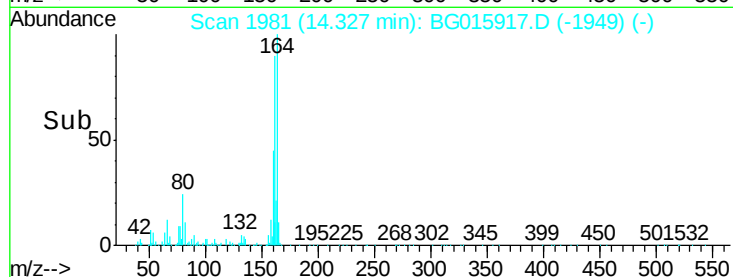
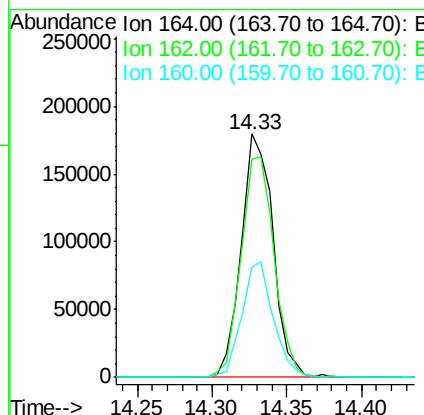
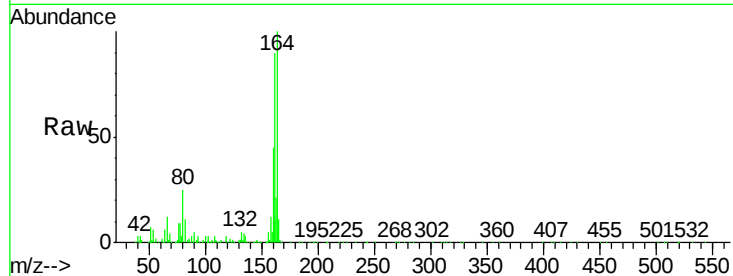




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

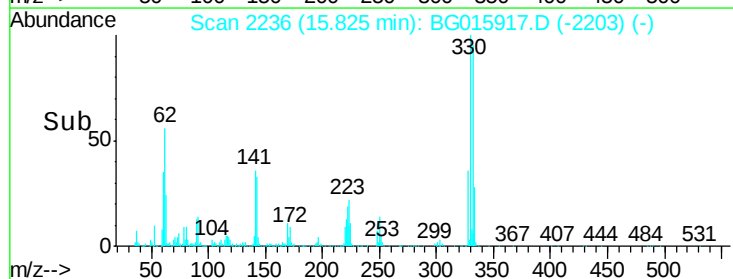
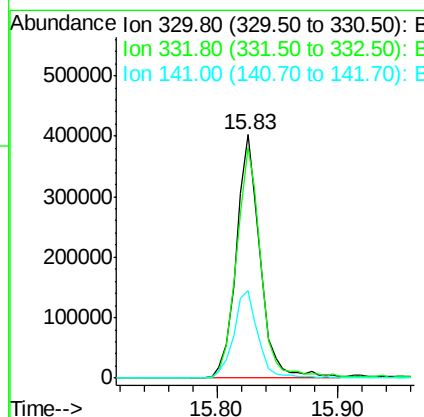
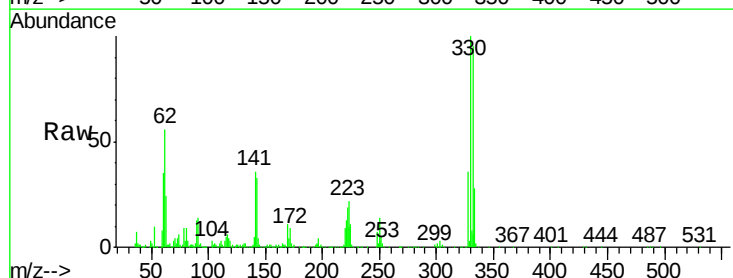
Instrument :
BNA_G
ClientSampleId :
DFTPP

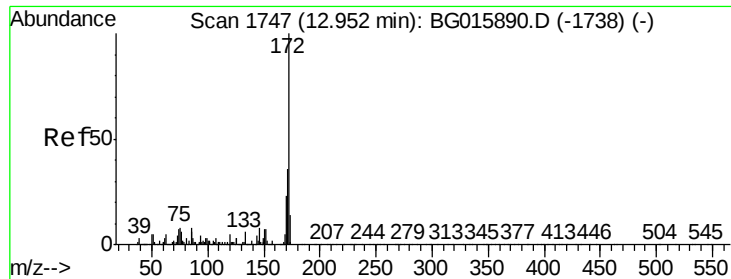
Tgt Ion:164 Resp: 264799
Ion Ratio Lower Upper
164 100
162 89.6 75.1 112.7
160 45.4 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 114.63 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

Tgt Ion:330 Resp: 555696
Ion Ratio Lower Upper
330 100
332 97.2 75.4 113.0
141 36.2 33.0 49.6

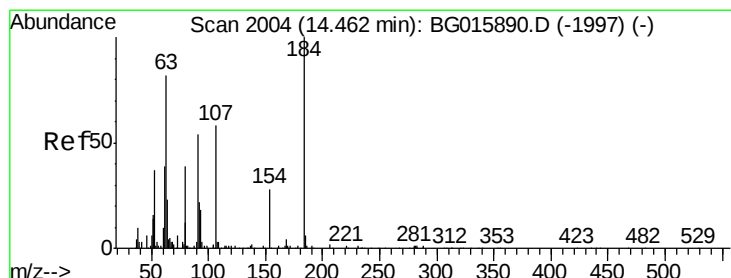
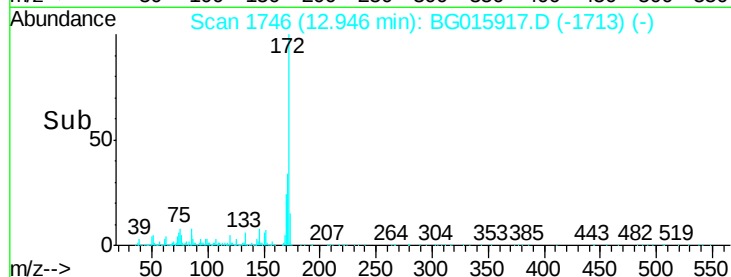
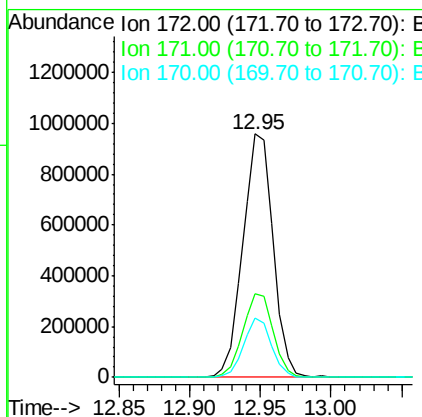
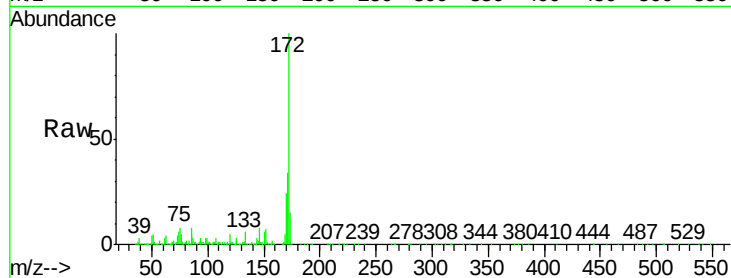




#44
2-Fluorobiphenyl
Concen: 85.15 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

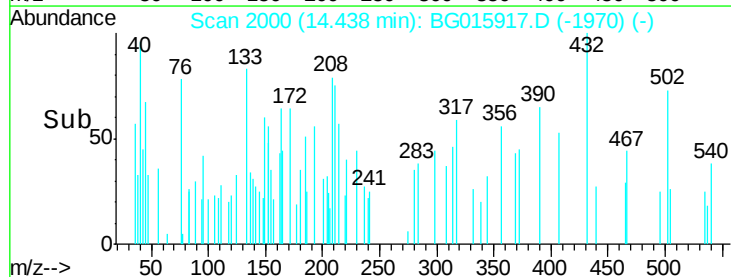
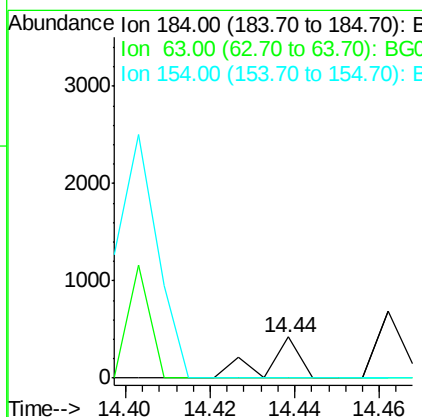
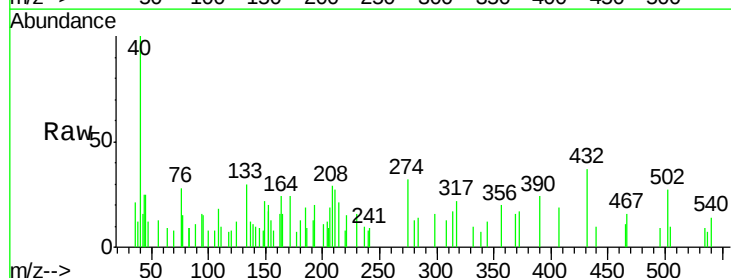
Instrument :
BNA_G
ClientSampleId :
DFTPP

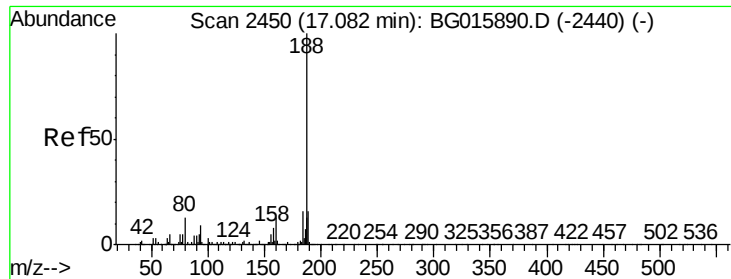
Tgt Ion:172 Resp: 1437145
Ion Ratio Lower Upper
172 100
171 34.4 29.2 43.8
170 24.2 18.6 27.8



#53
2,4-Dinitrophenol
Concen: 4.60 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

Tgt Ion:184 Resp: 227
Ion Ratio Lower Upper
184 100
63 0.0 68.6 103.0#
154 0.0 54.9 82.3#

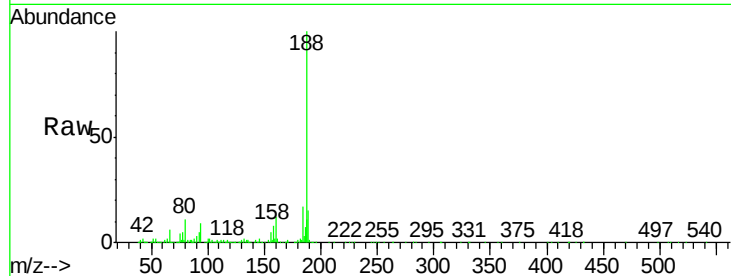




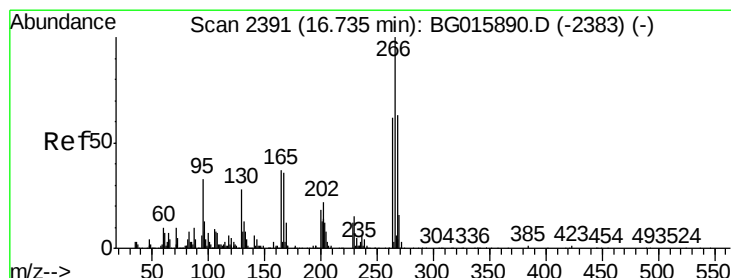
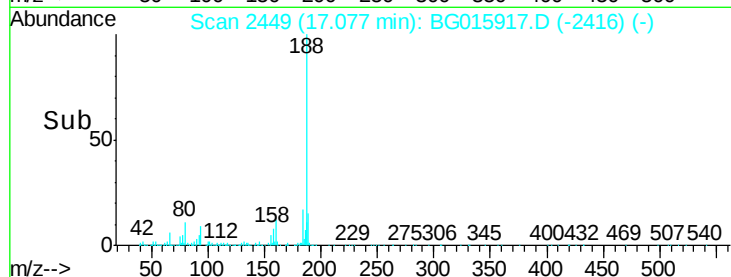
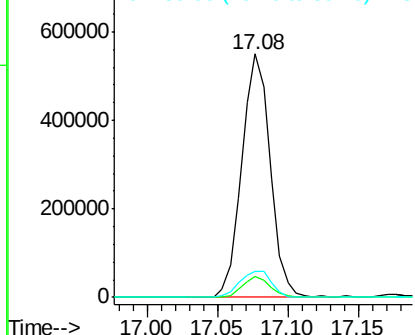
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 774187
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.8
80 10.9 10.6 16.0

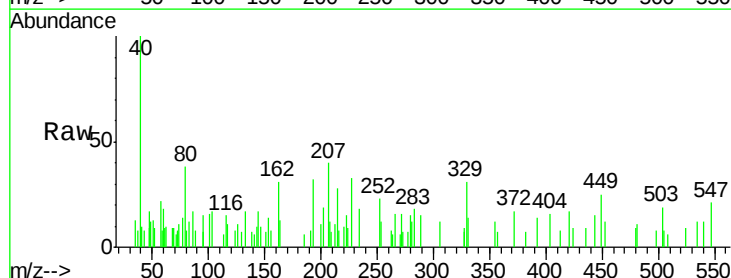


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

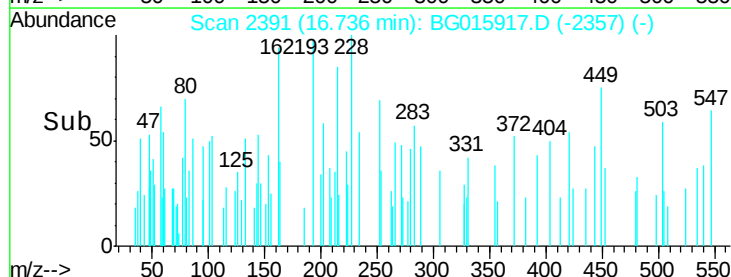
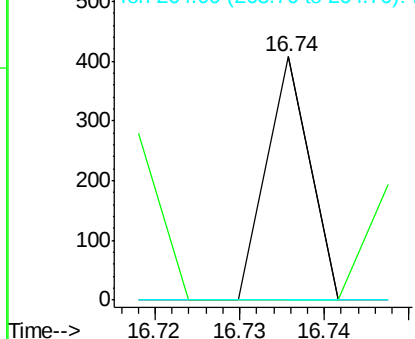


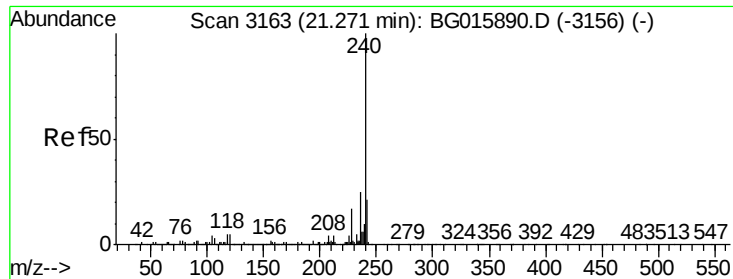
#69
Pentachlorophenol
Concen: 5.25 ng
RT: 16.74 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

Tgt Ion:266 Resp: 144
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

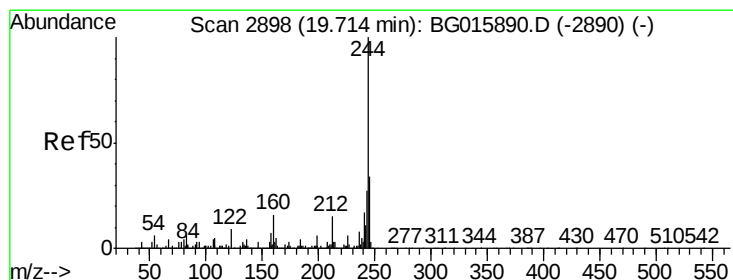
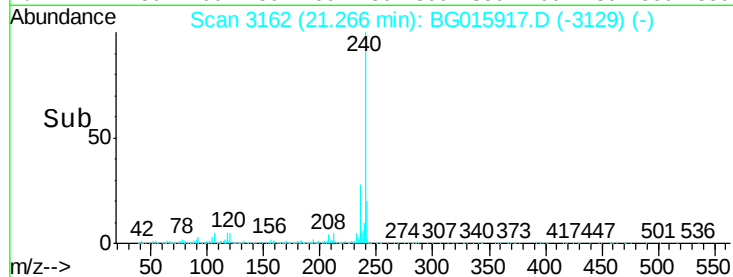
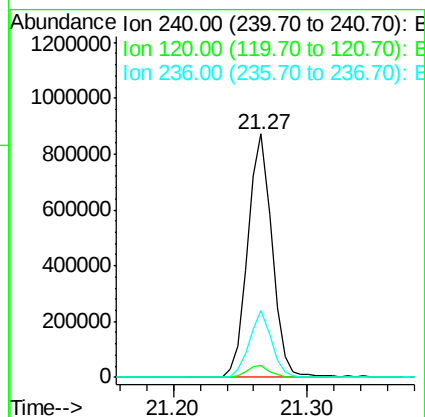
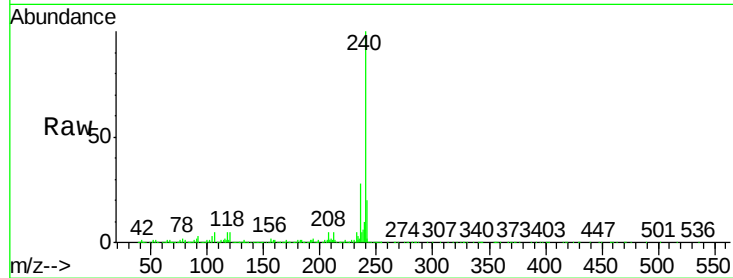




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

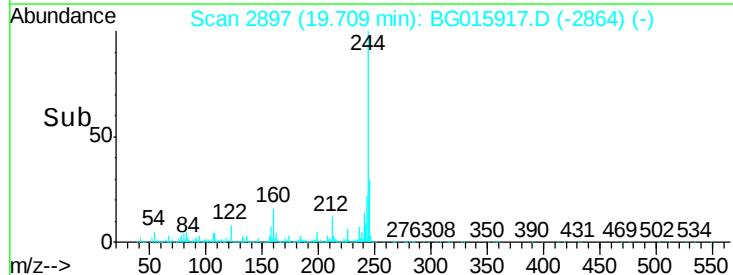
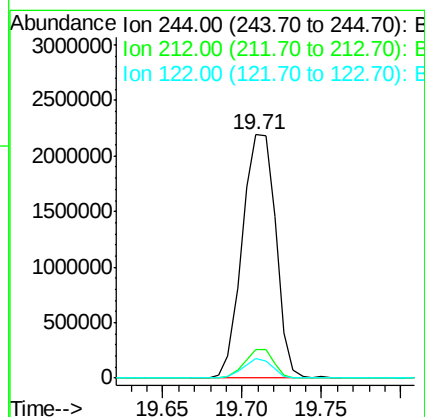
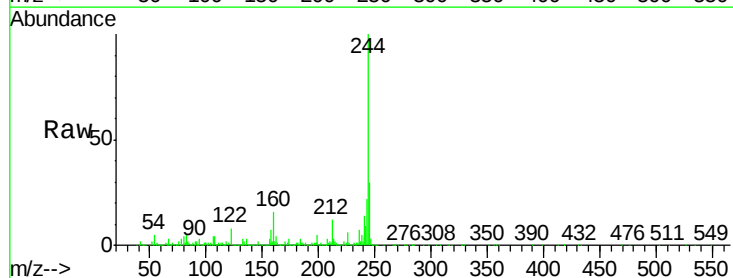
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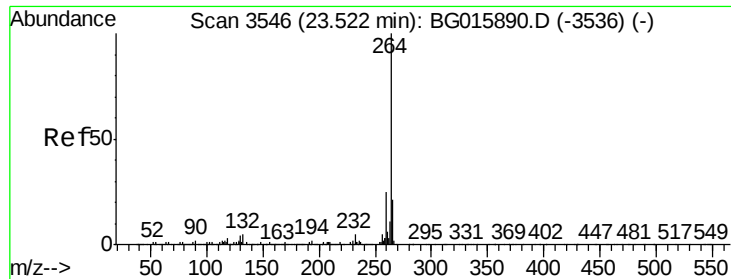
Tgt Ion:240 Resp: 1091007
Ion Ratio Lower Upper
240 100
120 5.1 3.9 5.9
236 27.7 20.0 30.0



#78
Terphenyl-d14
Concen: 83.17 ng
RT: 19.71 min Scan# 2897
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

Tgt Ion:244 Resp: 3213827
Ion Ratio Lower Upper
244 100
212 11.8 11.6 17.4
122 8.0 7.0 10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG015917.D
Acq: 26 Jan 2015 18:36

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 1004955

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.0	17.3	25.9

