

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015947.D
 Acq On : 27 Jan 2015 14:20
 Operator : TP/IZ
 Sample : G1160-02
 Misc : W
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC012215-LIQUID

Quant Time: Jan 28 00:02:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 23:52:02 2015
 Response via : Initial Calibration

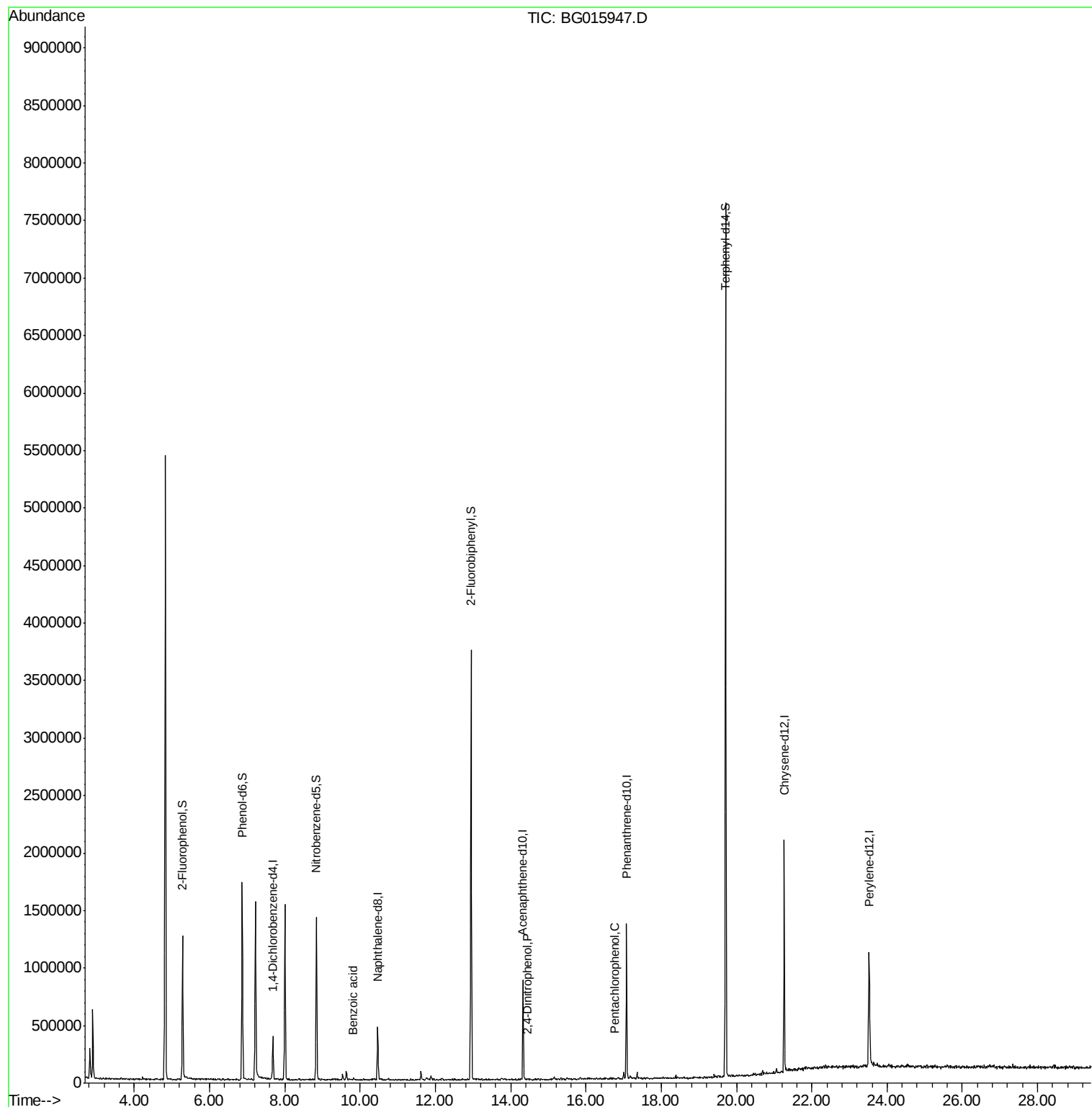
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	72452	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	288417	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	240142	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	698429	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1007542	20.00	ng	0.00
86) Perylene-d12	23.52	264	926153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	432085	88.81	ng	0.00
7) Phenol-d6	6.87	99	832282	106.15	ng	0.00
23) Nitrobenzene-d5	8.84	82	802177	80.17	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	670	0.15	ng	0.07
44) 2-Fluorobiphenyl	12.95	172	1562660	102.10	ng	0.00
78) Terphenyl-d14	19.71	244	2868802	79.01	ng	0.00
Target Compounds						
32) Benzoic acid	9.80	122	85	10.31	ng	# 1
53) 2,4-Dinitrophenol	14.43	184	53	4.52	ng	# 1
69) Pentachlorophenol	16.76	266	110	5.25	ng	# 17
80) Benzo(a)anthracene	21.27	228	2531	Below Cal		# 36

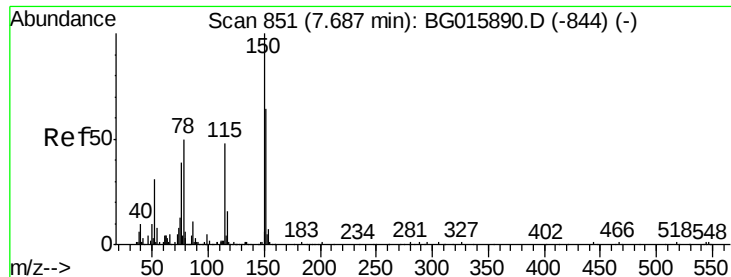
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

WC012215-LIQUID

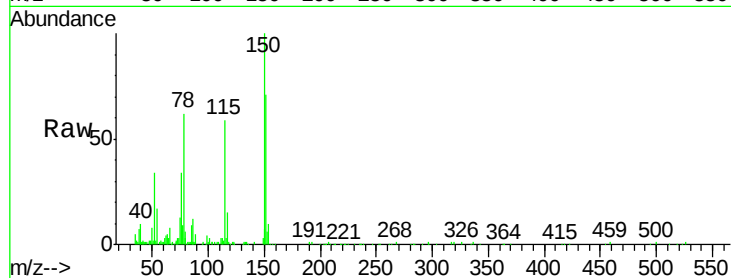
Tgt Ion:152 Resp: 72452

Ion Ratio Lower Upper

152 100

150 140.9 124.5 186.7

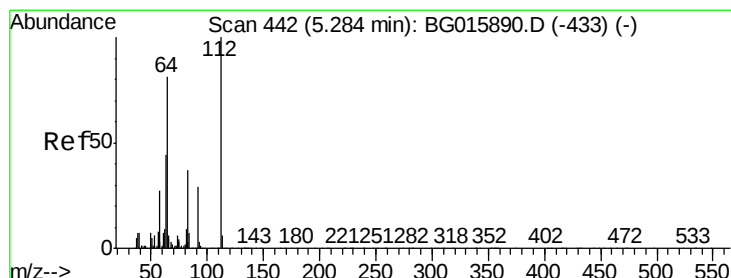
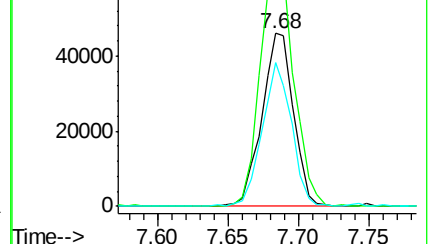
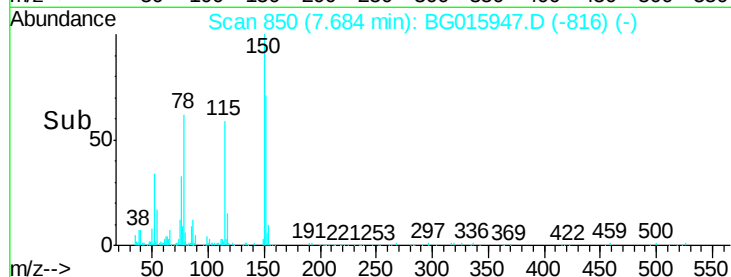
115 83.2 60.4 90.6



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: 88.81 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

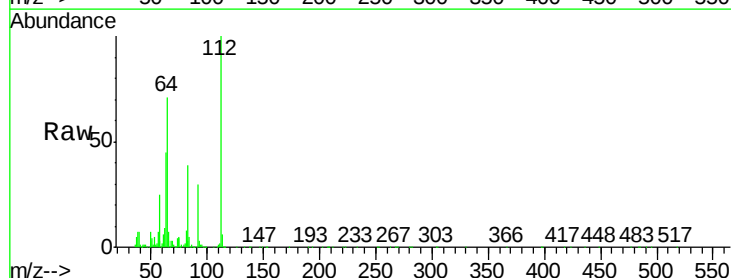
Tgt Ion:112 Resp: 432085

Ion Ratio Lower Upper

112 100

64 71.0 64.4 96.6

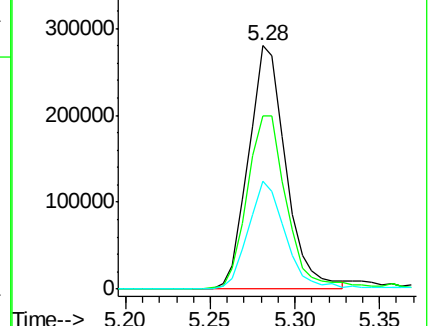
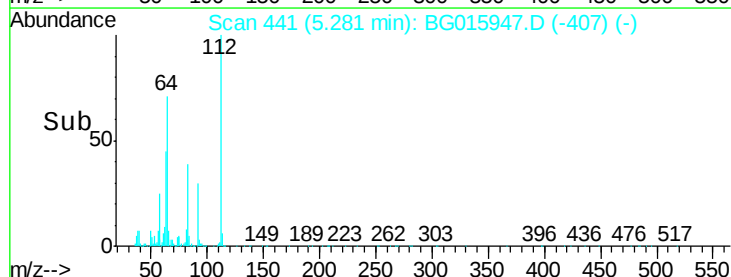
63 44.6 35.1 52.7

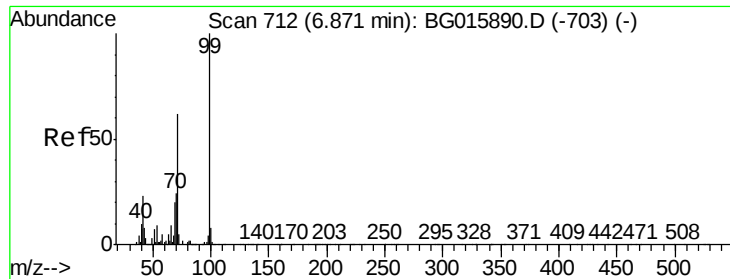


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.15 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

WC012215-LIQUID

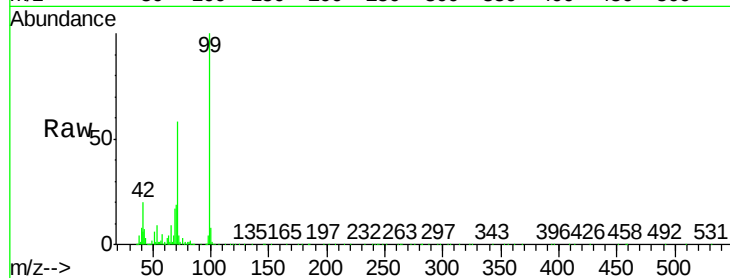
Tgt Ion: 99 Resp: 832282

Ion Ratio Lower Upper

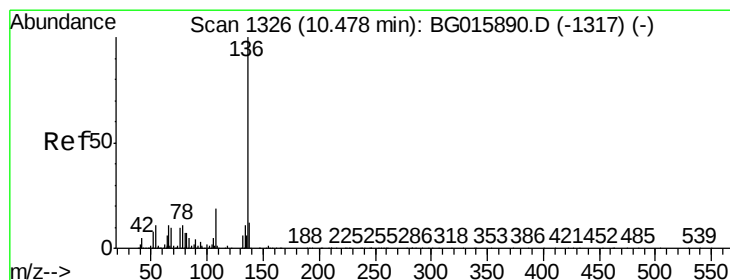
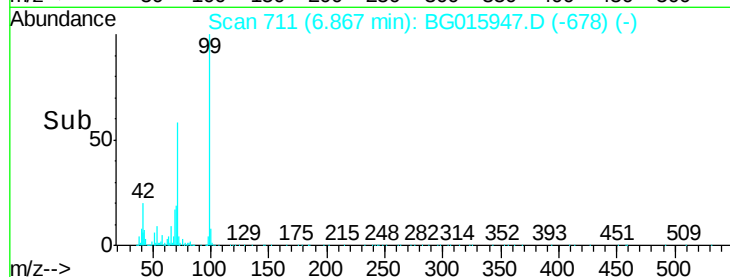
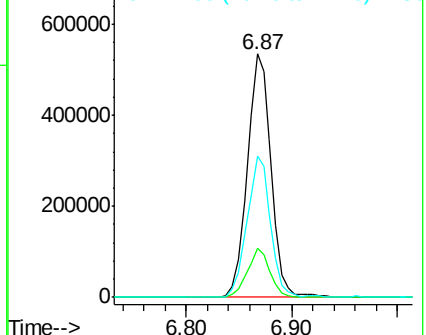
99 100

42 19.9 18.1 27.1

71 58.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

Tgt Ion: 136 Resp: 288417

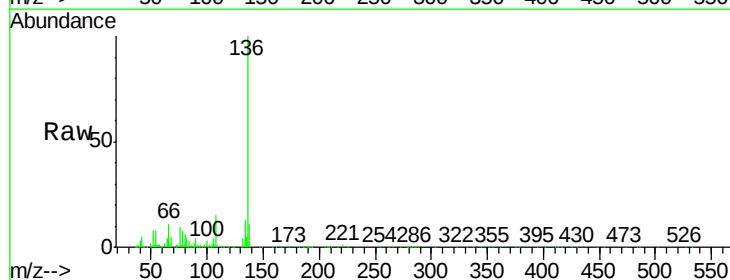
Ion Ratio Lower Upper

136 100

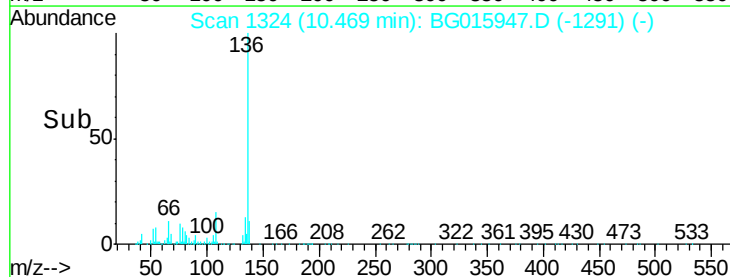
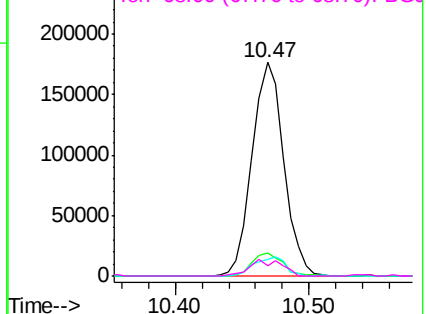
137 11.1 9.7 14.5

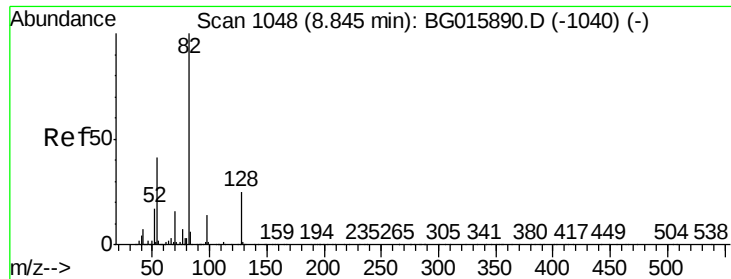
54 7.5 8.5 12.7#

68 4.9 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

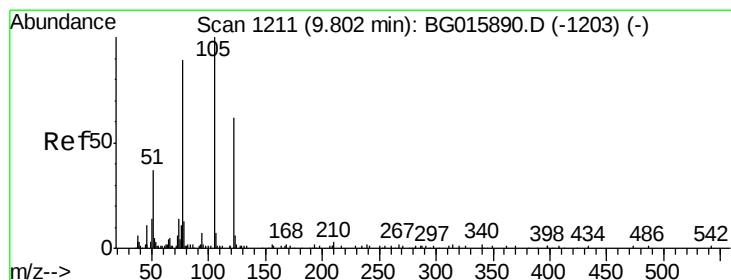
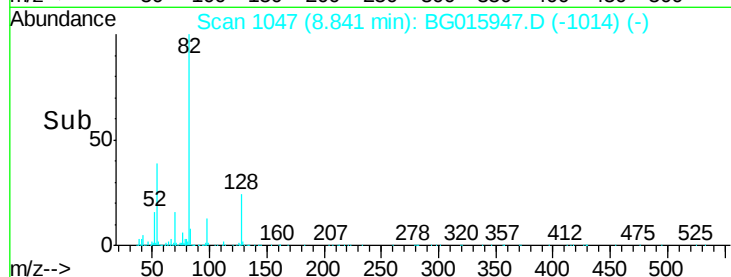
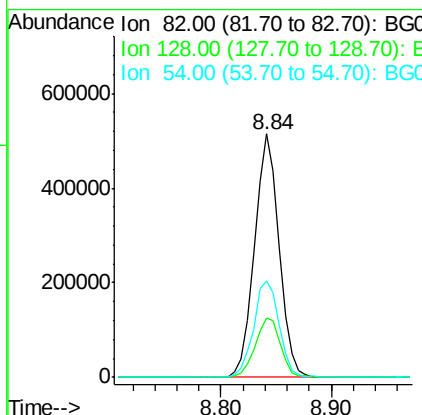
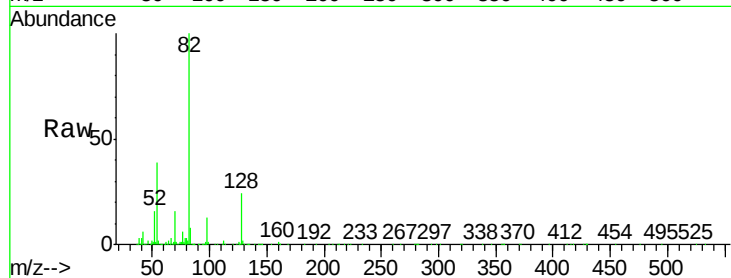




#23
 Nitrobenzene-d5
 Concen: 80.17 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG015947.D
 Acq: 27 Jan 2015 14:20

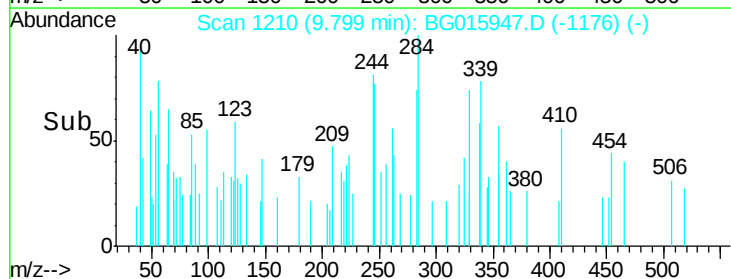
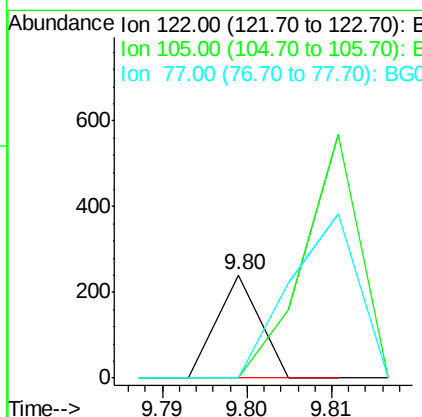
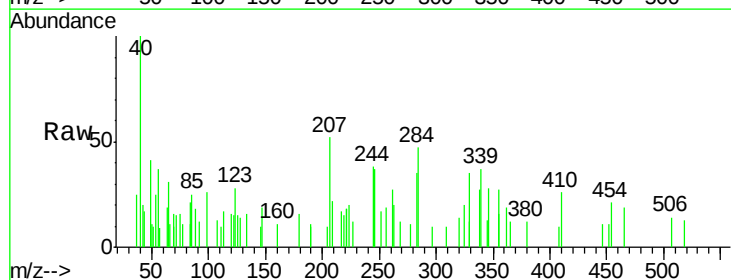
Instrument :
 BNA_G
 ClientSampleId :
 WC012215-LIQUID

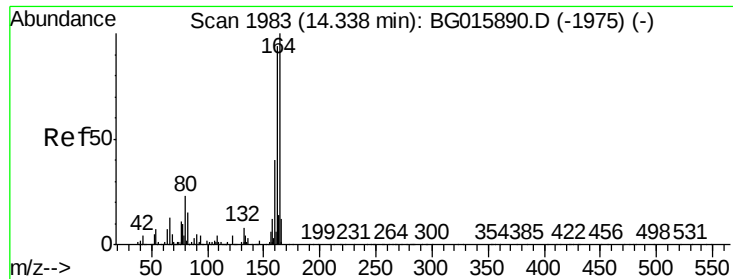
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.1	19.8	29.8
54	39.4	33.0	49.4



#32
 Benzoic acid
 Concen: 10.31 ng
 RT: 9.80 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BG015947.D
 Acq: 27 Jan 2015 14:20

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. -0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

WC012215-LIQUID

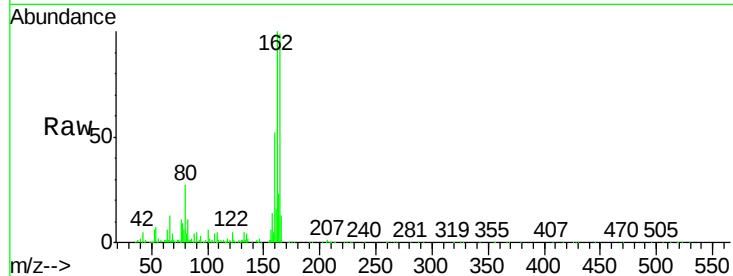
Tgt Ion:164 Resp: 240142

Ion Ratio Lower Upper

164 100

162 101.0 75.1 112.7

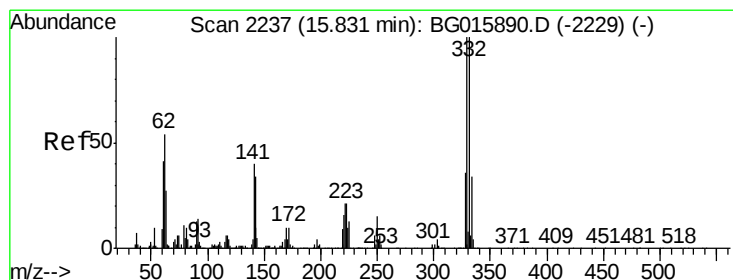
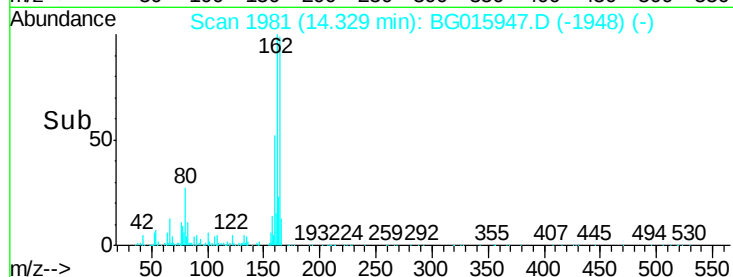
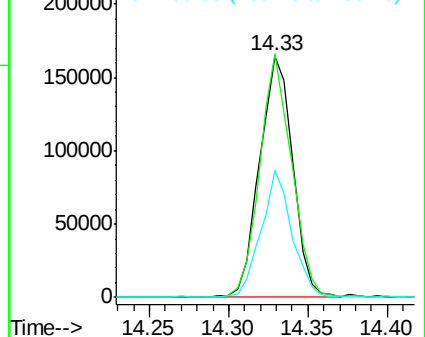
160 52.6 32.3 48.5#



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: 0.15 ng

RT: 15.90 min Scan# 2249

Delta R.T. 0.07 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

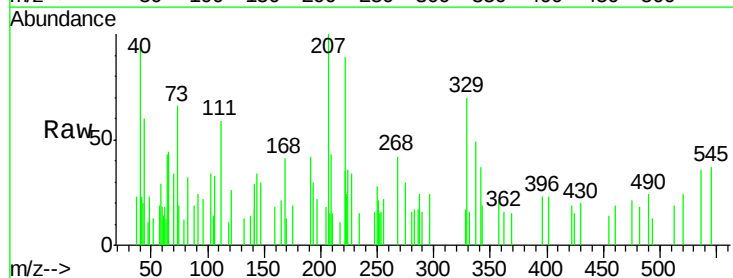
Tgt Ion:330 Resp: 670

Ion Ratio Lower Upper

330 100

332 112.5 75.4 113.0

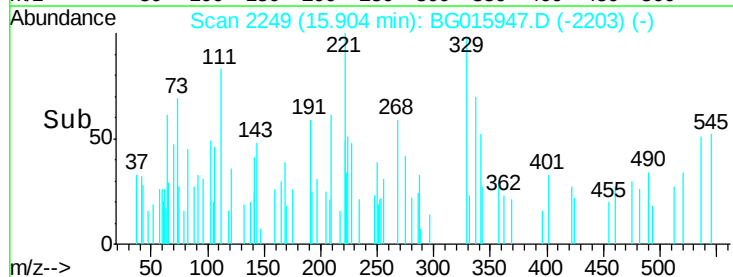
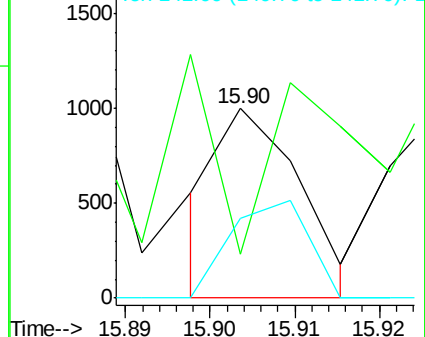
141 49.3 33.0 49.6

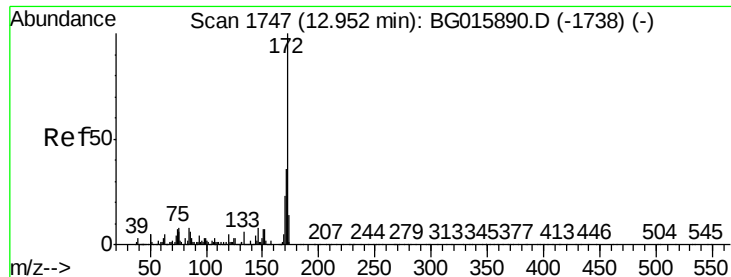


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

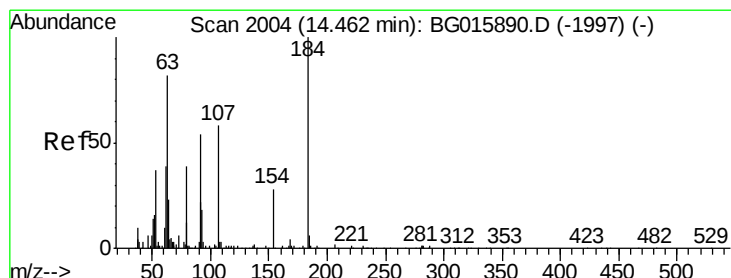
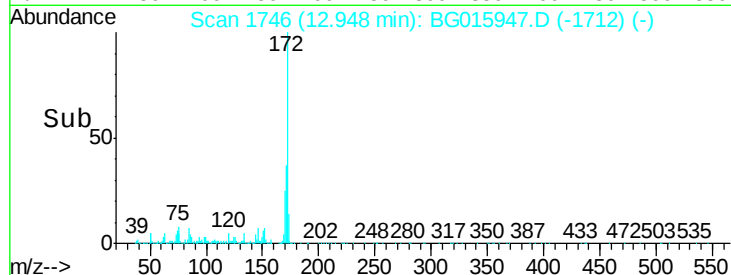
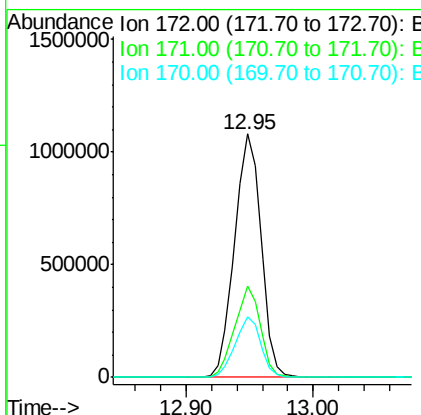
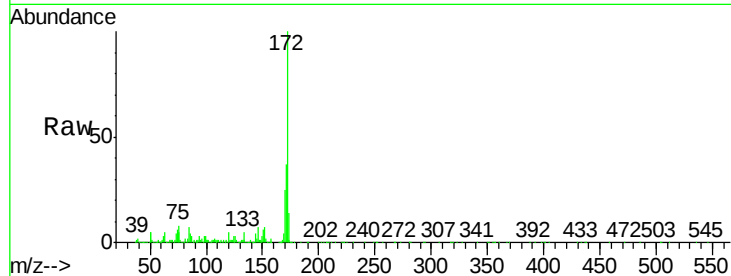




#44
 2-Fluorobiphenyl
 Concen: 102.10 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG015947.D
 Acq: 27 Jan 2015 14:20

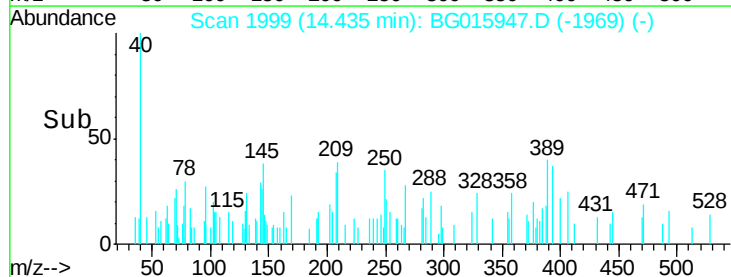
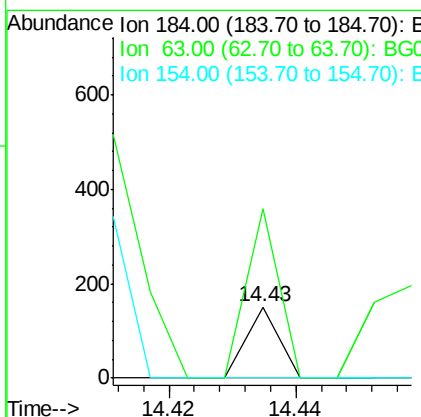
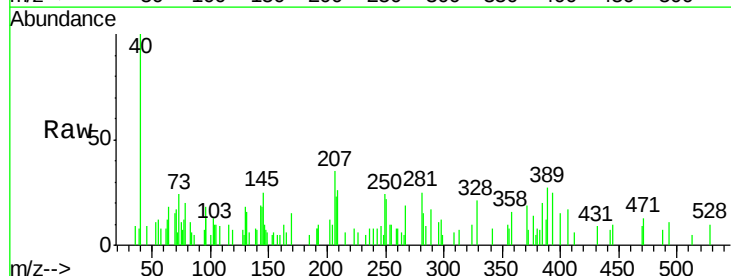
Instrument :
 BNA_G
 ClientSampleId :
 WC012215-LIQUID

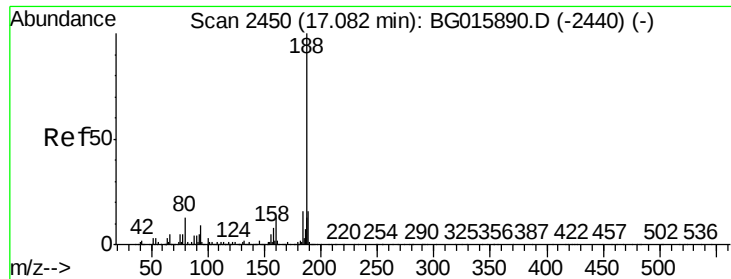
Tgt Ion:172 Resp: 1562660
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.2 43.8
 170 24.7 18.6 27.8



#53
 2,4-Dinitrophenol
 Concen: 4.52 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG015947.D
 Acq: 27 Jan 2015 14:20

Tgt Ion:184 Resp: 53
 Ion Ratio Lower Upper
 184 100
 63 598.7 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. 0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

WC012215-LIQUID

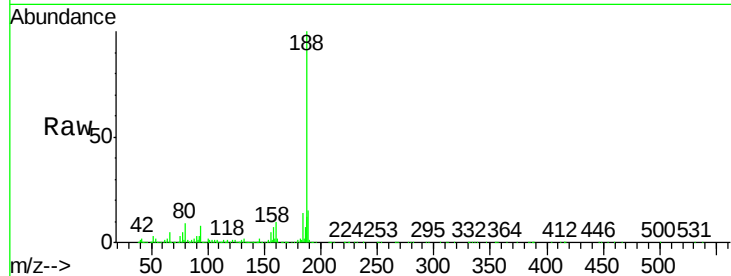
Tgt Ion:188 Resp: 698429

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.8

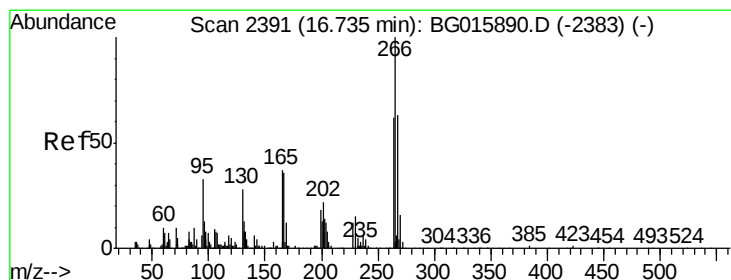
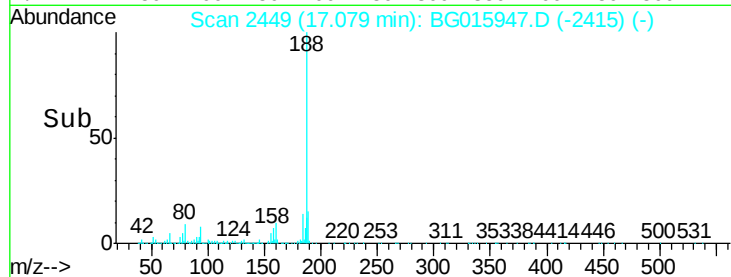
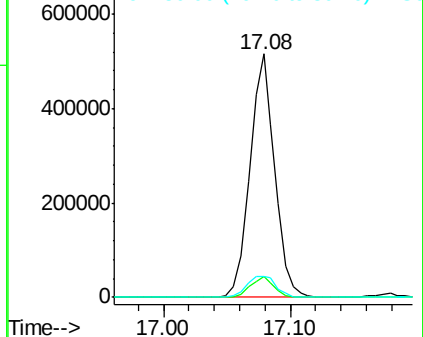
80 8.6 10.6 16.0#



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



#69

Pentachlorophenol

Concen: 5.25 ng

RT: 16.76 min Scan# 2395

Delta R.T. 0.02 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

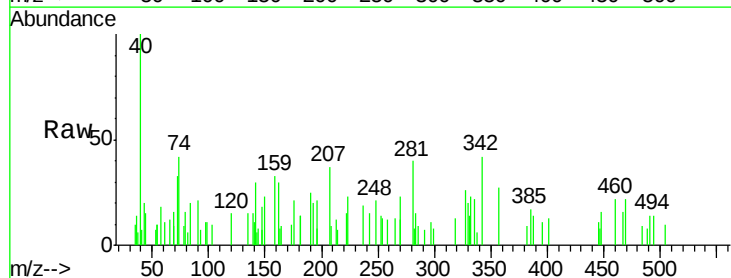
Tgt Ion:266 Resp: 110

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

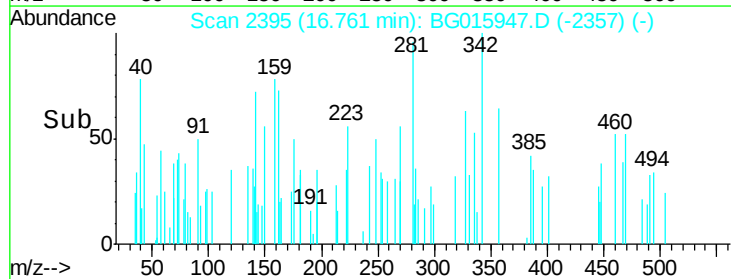
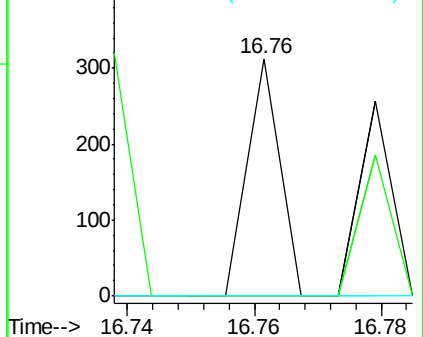
264 0.0 51.9 77.9#

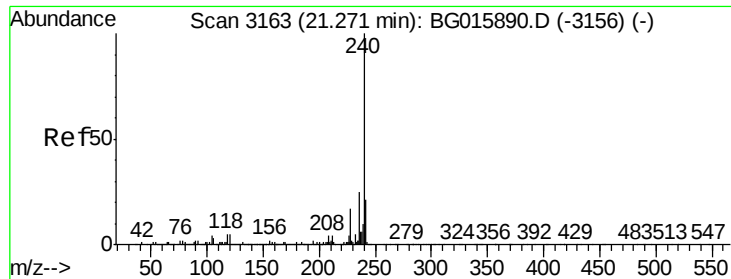


Abundance Ion 265.70 (265.40 to 266.40): E

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. -0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

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WC012215-LIQUID

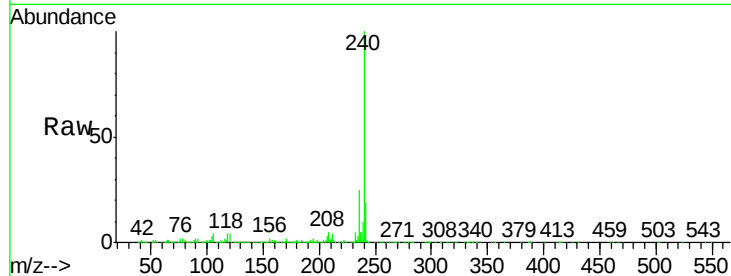
Tgt Ion:240 Resp: 1007542

Ion Ratio Lower Upper

240 100

120 4.4 3.9 5.9

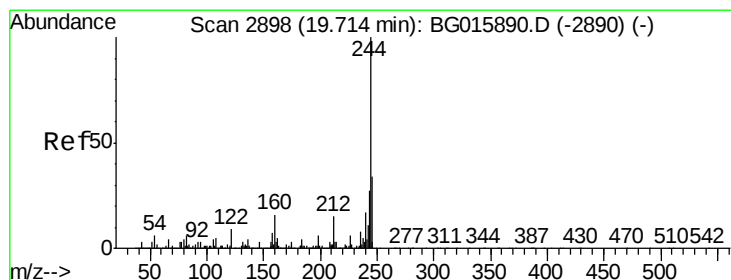
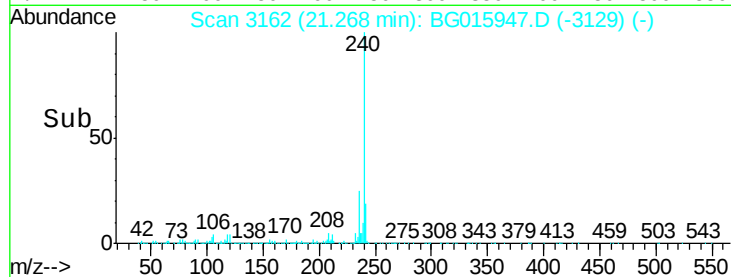
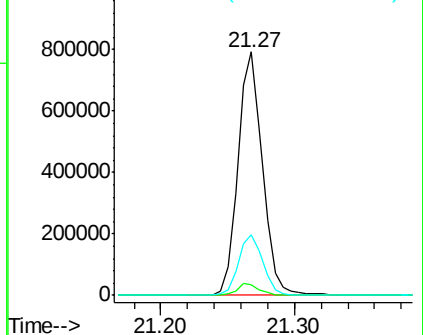
236 24.9 20.0 30.0



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: 79.01 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

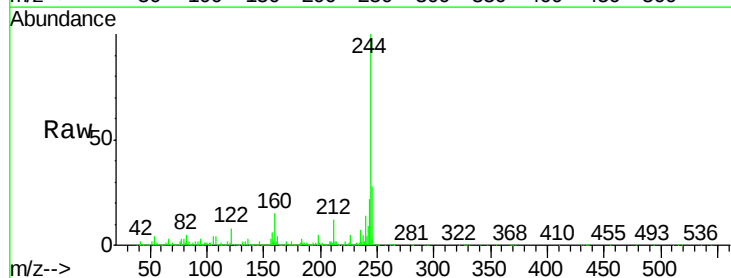
Tgt Ion:244 Resp: 2868802

Ion Ratio Lower Upper

244 100

212 11.7 11.6 17.4

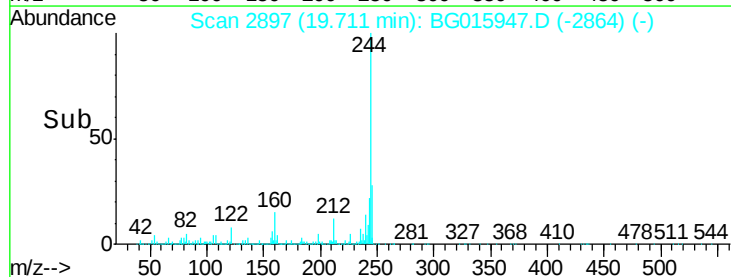
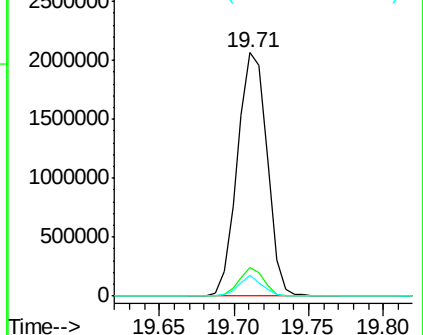
122 8.5 7.0 10.4

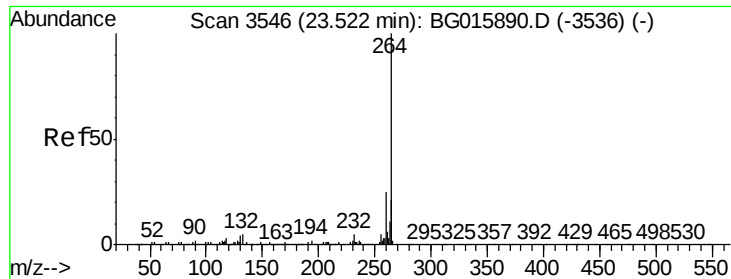


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3545

Delta R.T. -0.00 min

Lab File: BG015947.D

Acq: 27 Jan 2015 14:20

Instrument :

BNA_G

ClientSampleId :

WC012215-LIQUID

Tgt Ion: 264 Resp: 926153

Ion Ratio Lower Upper

264 100

260 23.2 19.7 29.5

265 20.5 17.3 25.9

