

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015950.D
 Acq On : 27 Jan 2015 16:04
 Operator : TP/IZ
 Sample : G1116-01
 Misc : W
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP

Quant Time: Jan 28 00:03:45 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

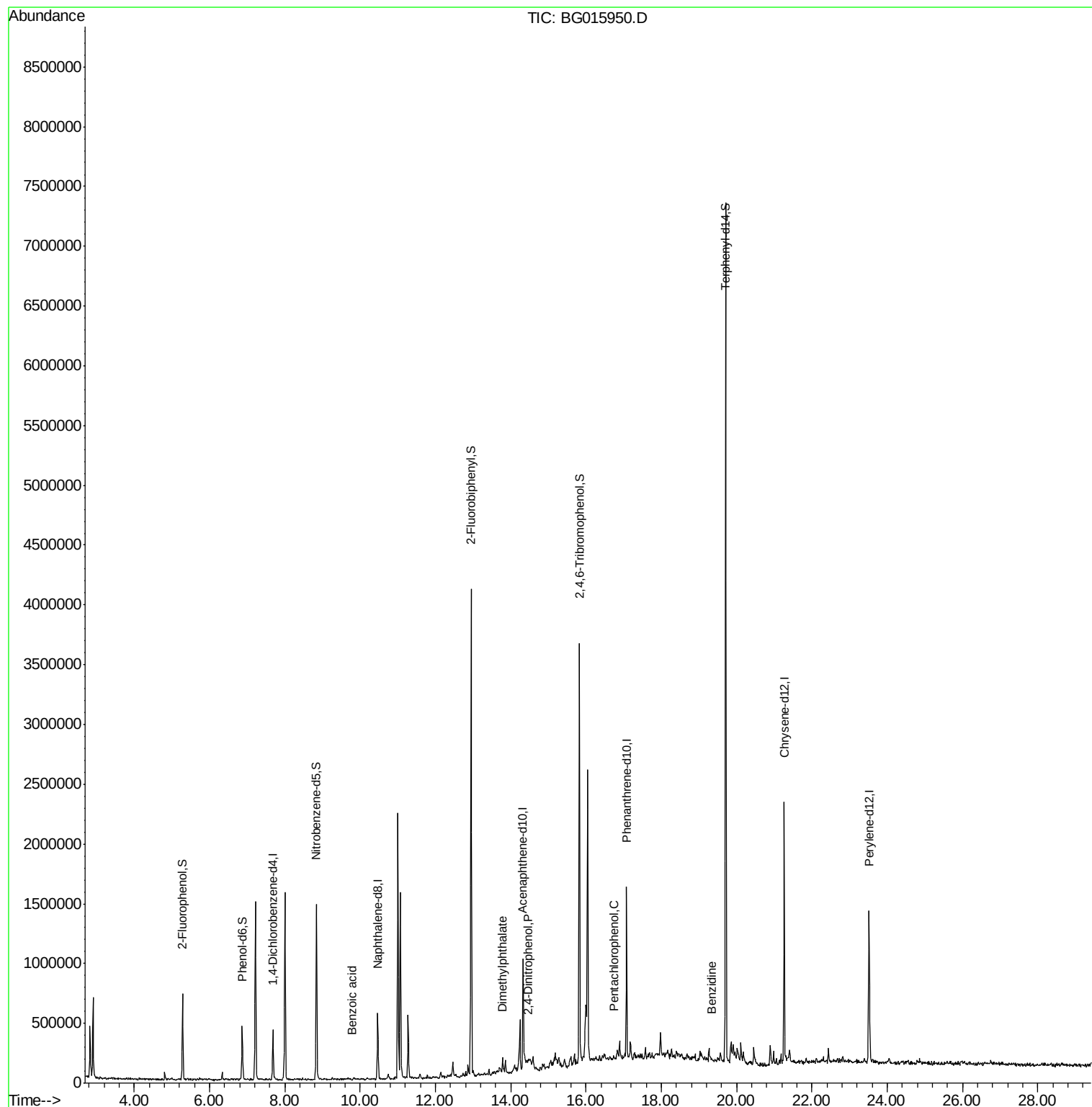
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	77646	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	320855	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	280069	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	736374	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1041412	20.00	ng	0.00
86) Perylene-d12	23.52	264	1012587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	233846	44.85	ng	0.00
7) Phenol-d6	6.87	99	219065	26.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	878503	78.93	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	590743	115.22	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1671030	93.61	ng	0.00
78) Terphenyl-d14	19.72	244	2845042	74.35	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	239	10.42	ng	# 26
49) Dimethylphthalate	13.79	163	51144	2.54	ng	# 86
53) 2,4-Dinitrophenol	14.45	184	125	4.55	ng	# 1
69) Pentachlorophenol	16.74	266	423	5.31	ng	# 17
76) Benzidine	19.34	184	1859	2.06	ng	# 1
80) Benzo(a)anthracene	21.27	228	3944	Below Cal		# 30

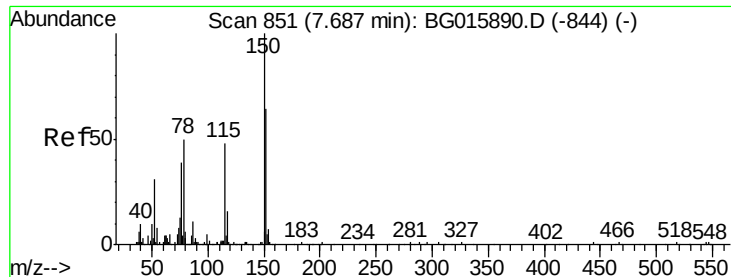
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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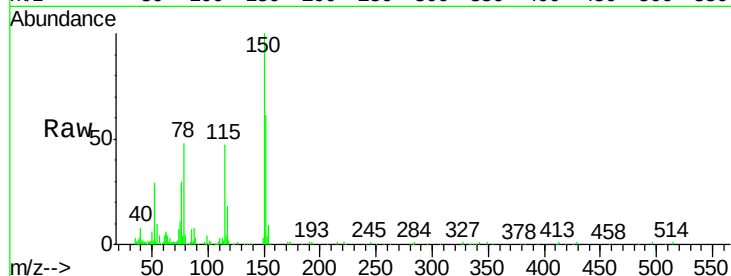


#1

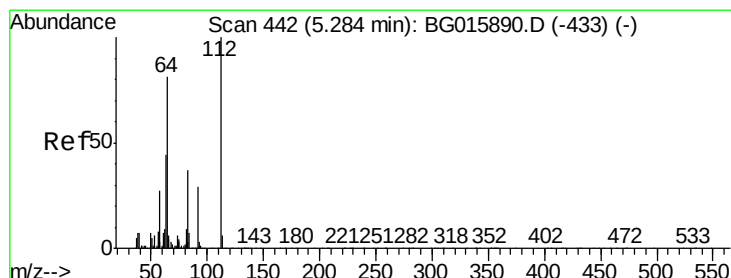
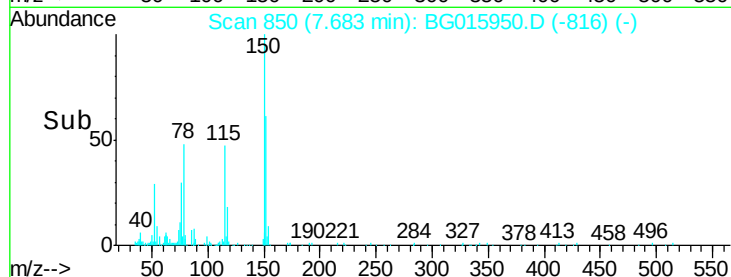
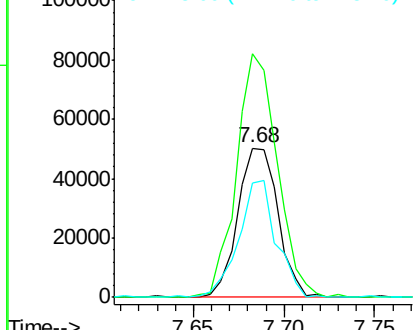
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Instrument :
BNA_G
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 77646
Ion Ratio Lower Upper
152 100
150 162.8 124.5 186.7
115 76.5 60.4 90.6



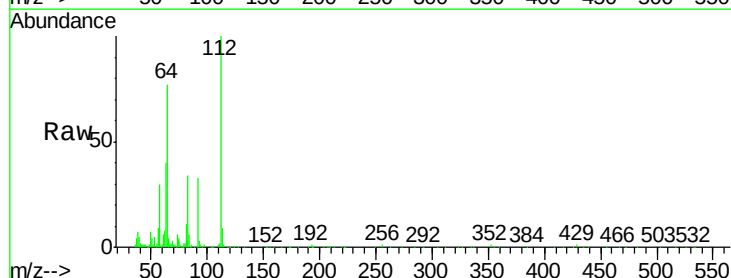
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



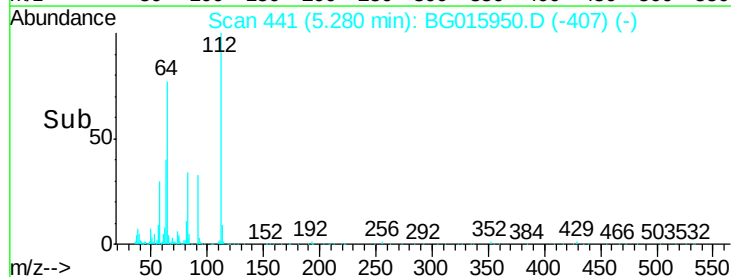
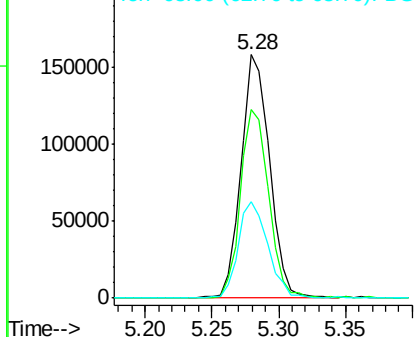
#5

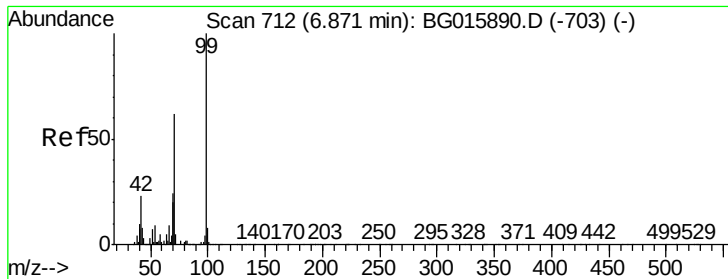
2-Fluorophenol
Concen: 44.85 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Tgt Ion:112 Resp: 233846
Ion Ratio Lower Upper
112 100
64 77.4 64.4 96.6
63 39.9 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: 26.07 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

Instrument :

BNA_G

ClientSampleId :

SUMP

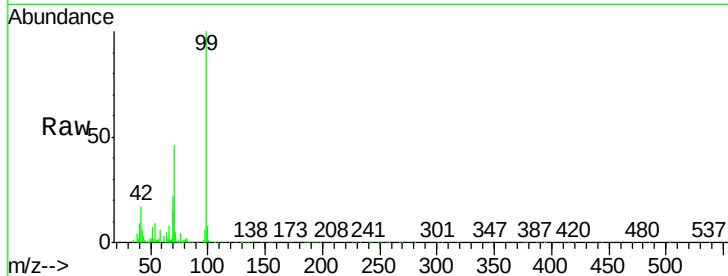
Tgt Ion: 99 Resp: 219065

Ion Ratio Lower Upper

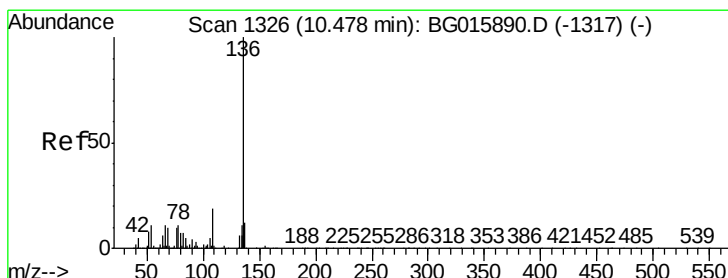
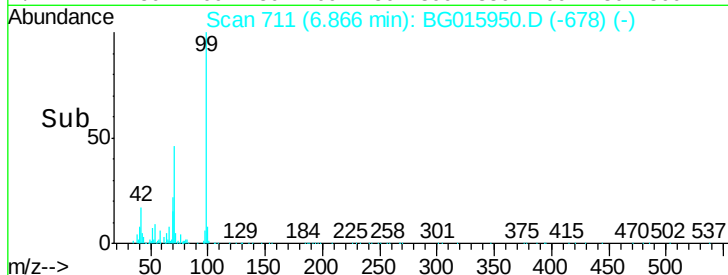
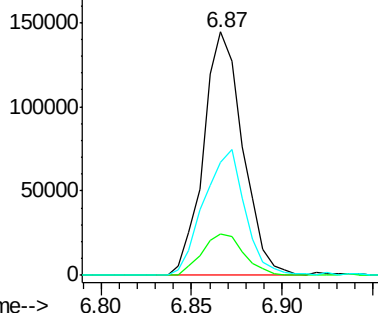
99 100

42 17.1 18.1 27.1#

71 46.5 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: BG015950.D

Acq: 27 Jan 2015 16:04

Tgt Ion: 136 Resp: 320855

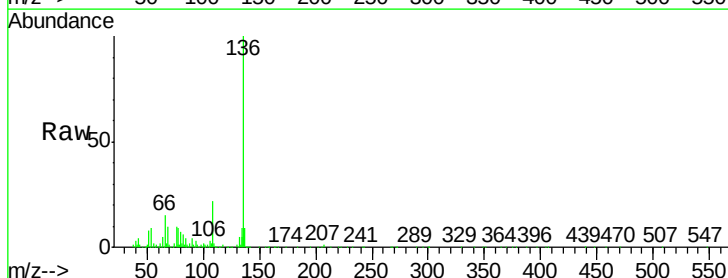
Ion Ratio Lower Upper

136 100

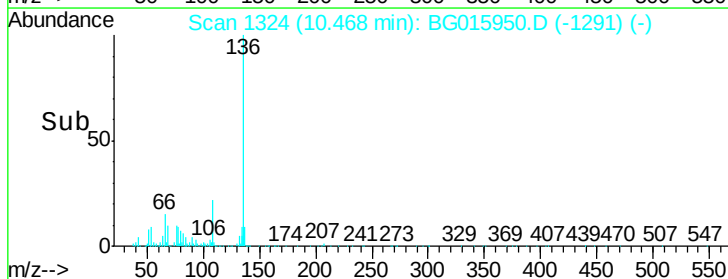
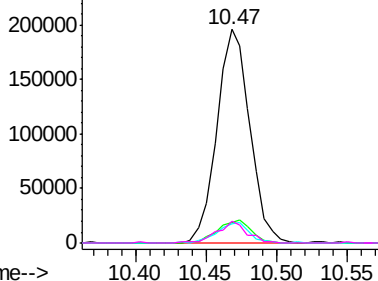
137 9.4 9.7 14.5#

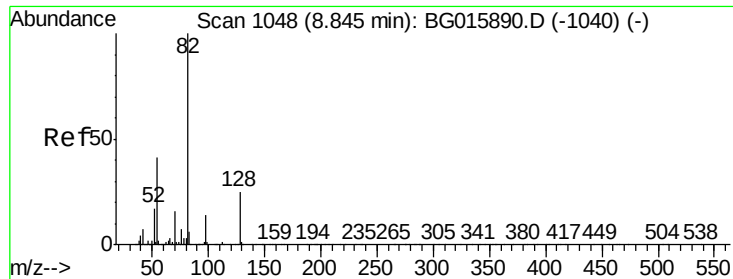
54 8.9 8.5 12.7

68 10.2 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

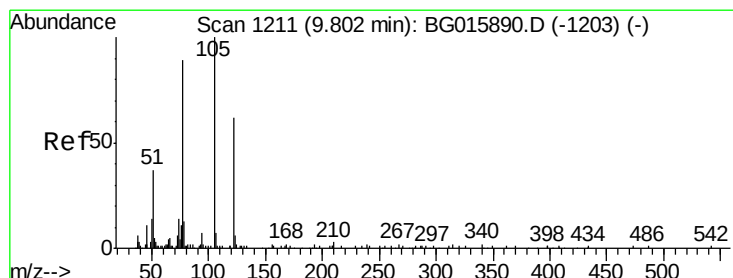
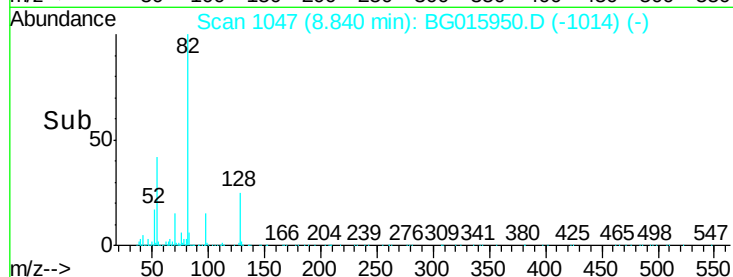
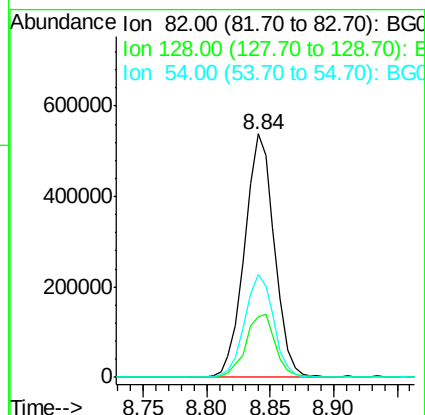
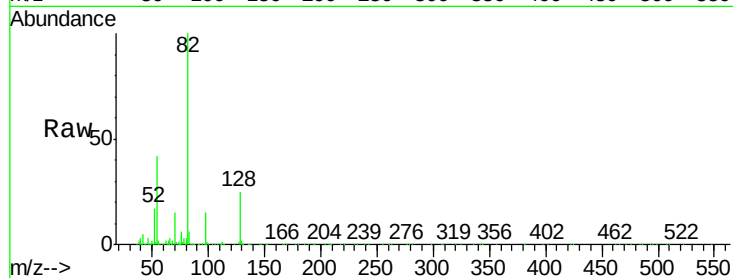




#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG015950.D
 Acq: 27 Jan 2015 16:04

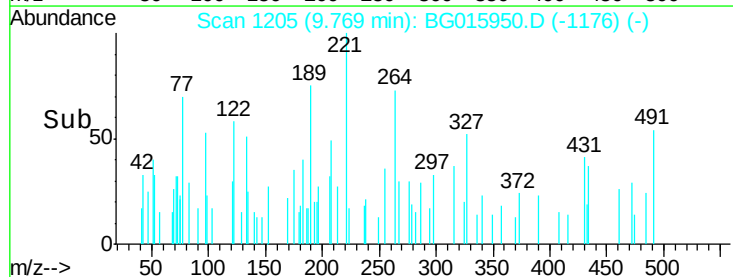
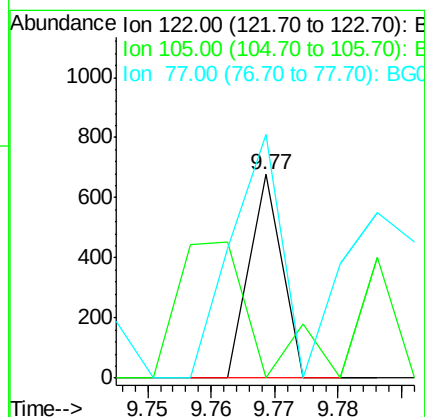
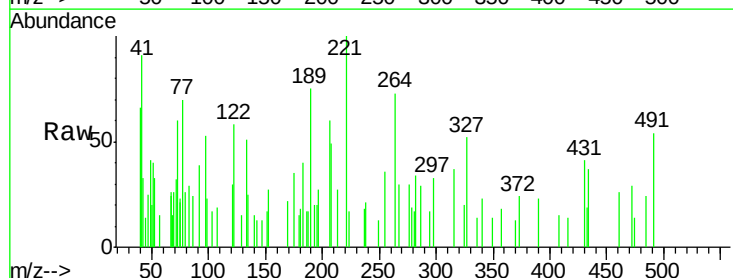
Instrument :
 BNA_G
 ClientSampleId :
 SUMP

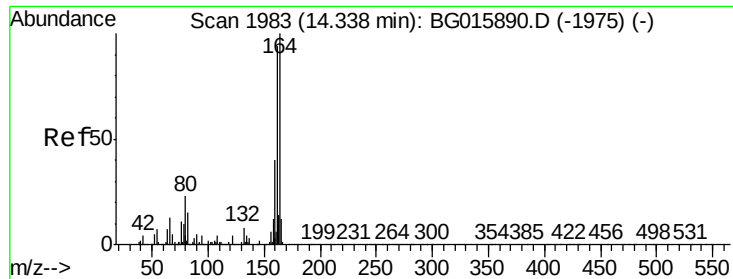
Tgt Ion	Ratio	Lower	Upper
82	100		
128	24.8	19.8	29.8
54	42.3	33.0	49.4



#32
 Benzoic acid
 Concen: 10.42 ng
 RT: 9.77 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BG015950.D
 Acq: 27 Jan 2015 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	140.2	180.2#
77	119.6	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: BG015950.D

Acq: 27 Jan 2015 16:04

Instrument :

BNA_G

ClientSampleId :

SUMP

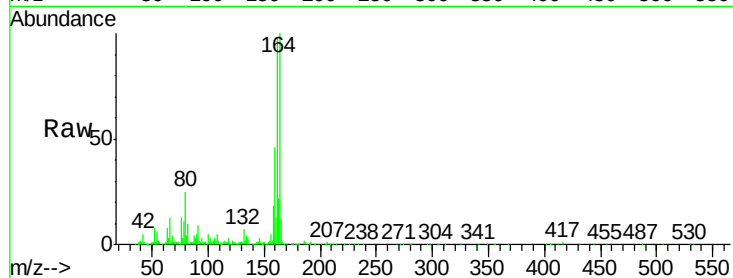
Tgt Ion:164 Resp: 280069

Ion Ratio Lower Upper

164 100

162 97.7 75.1 112.7

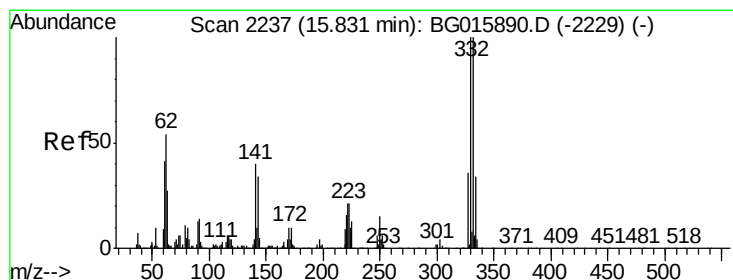
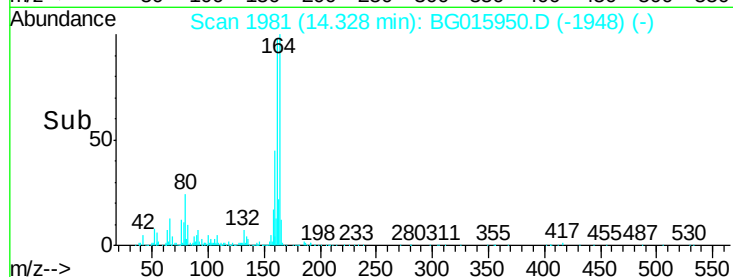
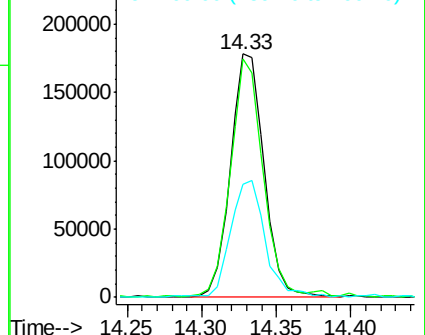
160 46.4 32.3 48.5



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: 115.22 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

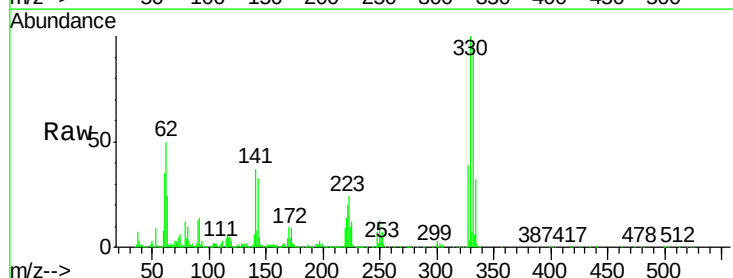
Tgt Ion:330 Resp: 590743

Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.0

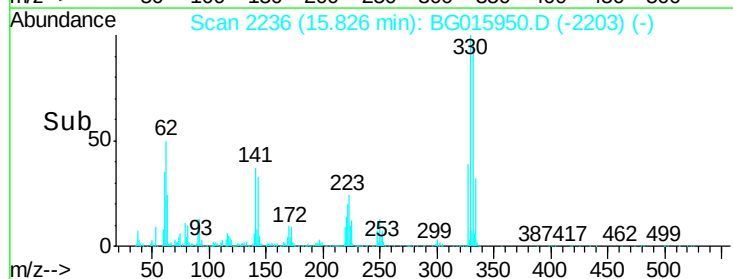
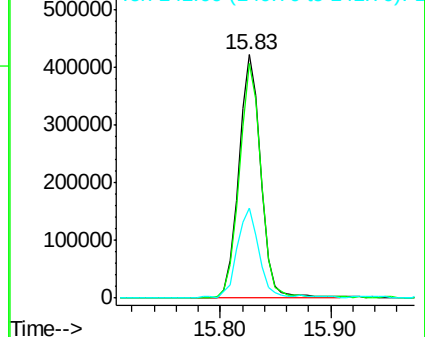
141 37.3 33.0 49.6

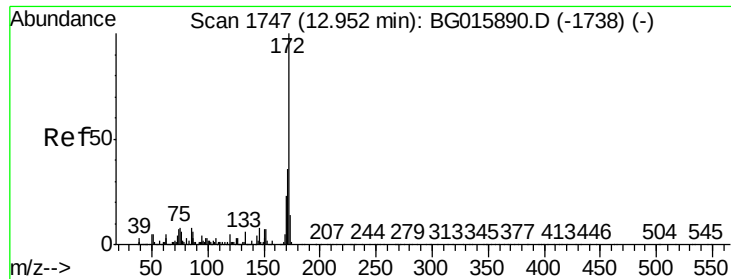


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

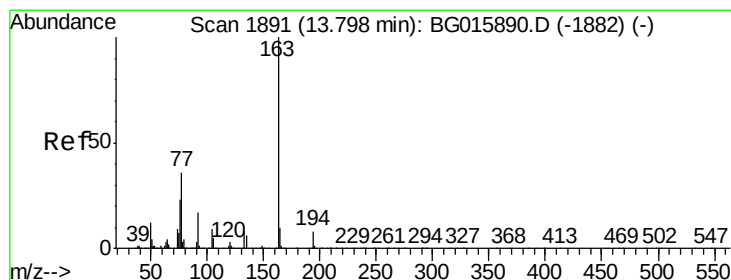
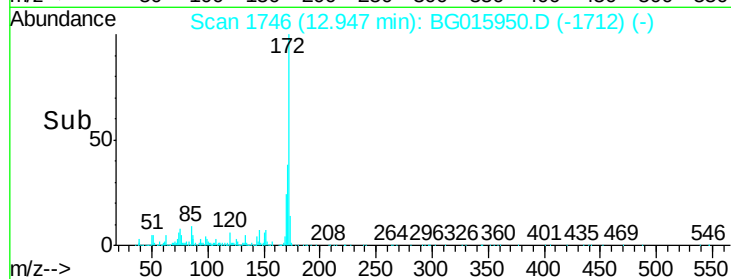
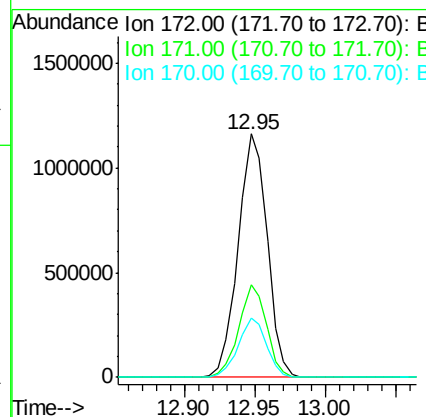
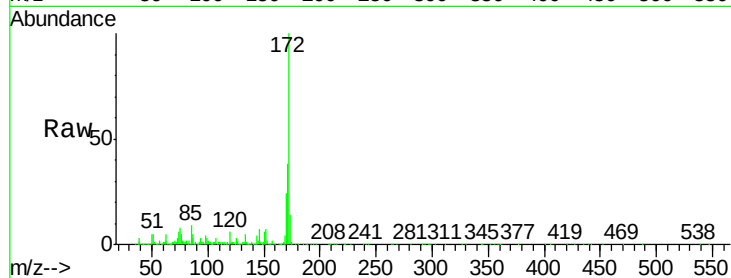




#44
2-Fluorobiphenyl
Concen: 93.61 ng
RT: 12.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

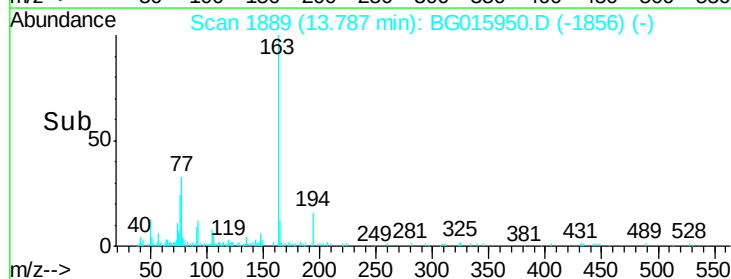
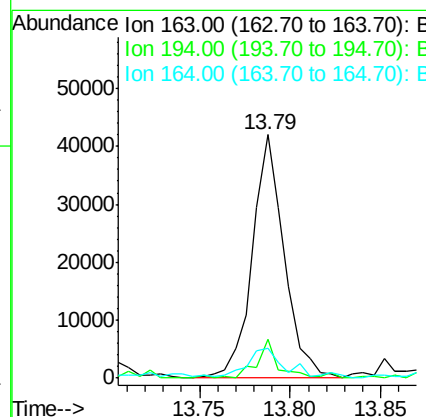
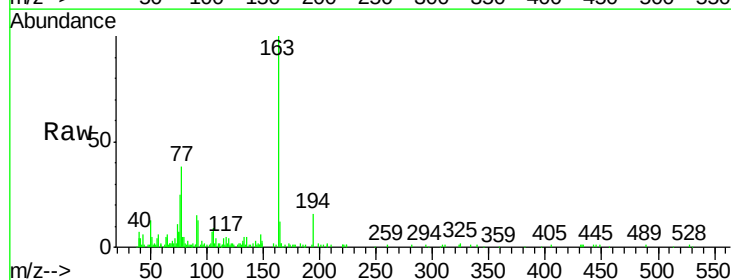
Instrument :
BNA_G
ClientSampleId :
SUMP

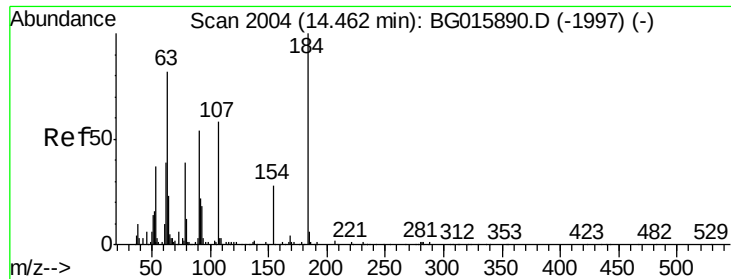
Tgt Ion:172 Resp: 1671030
Ion Ratio Lower Upper
172 100
171 38.0 29.2 43.8
170 24.4 18.6 27.8



#49
Dimethylphthalate
Concen: 2.54 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Tgt Ion:163 Resp: 51144
Ion Ratio Lower Upper
163 100
194 16.1 6.2 9.4#
164 12.2 8.0 12.0#

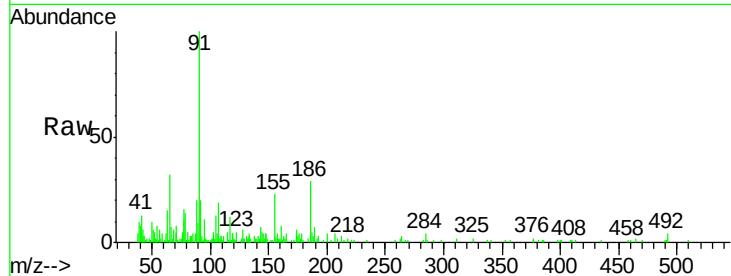




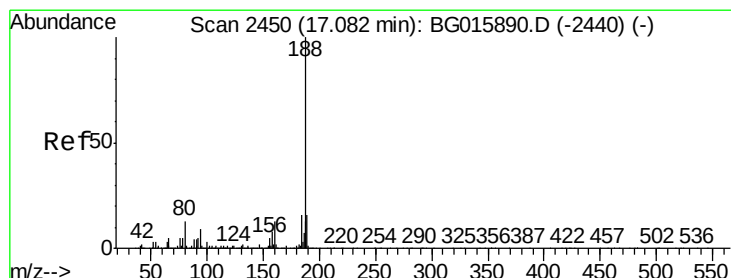
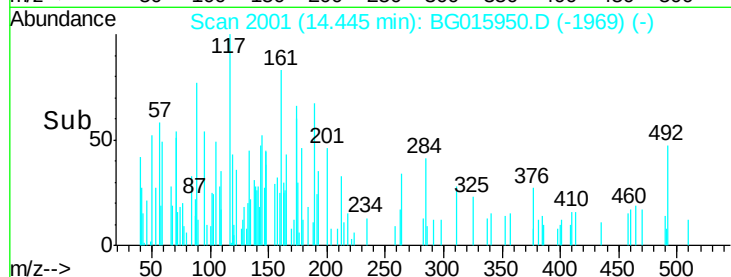
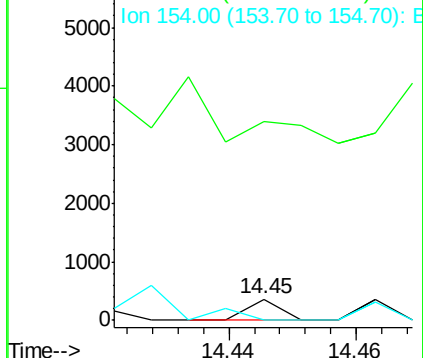
#53
2,4-Dinitrophenol
Concen: 4.55 ng
RT: 14.45 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Instrument :
BNA_G
ClientSampled :
SUMP

Tgt Ion:184 Resp: 125
Ion Ratio Lower Upper
184 100
63 953.7 68.6 103.0#
154 0.0 54.9 82.3#

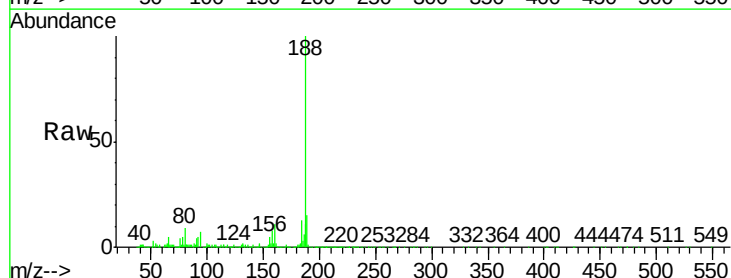


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

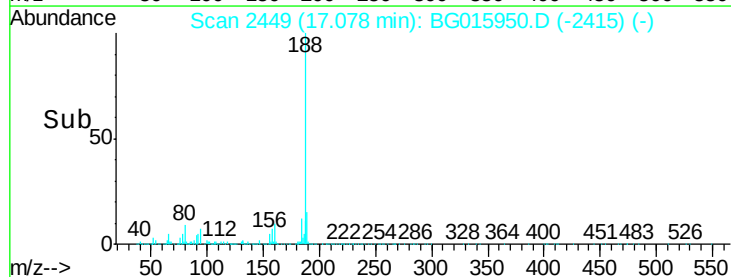
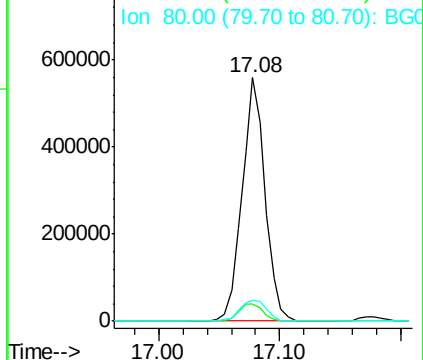


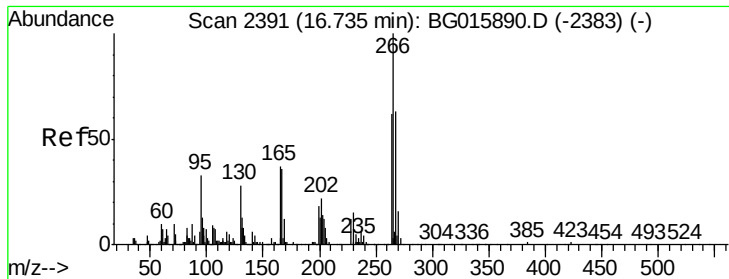
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG015950.D
Acq: 27 Jan 2015 16:04

Tgt Ion:188 Resp: 736374
Ion Ratio Lower Upper
188 100
94 6.8 7.8 11.8#
80 8.8 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: 5.31 ng

RT: 16.74 min Scan# 2392

Delta R.T. 0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

Instrument :

BNA_G

ClientSampleId :

SUMP

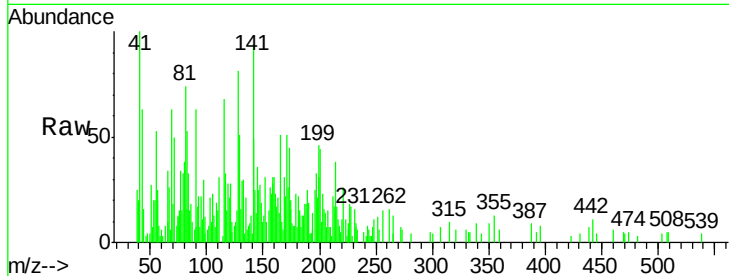
Tgt Ion:266 Resp: 423

Ion Ratio Lower Upper

266 100

268 0.0 53.5 80.3#

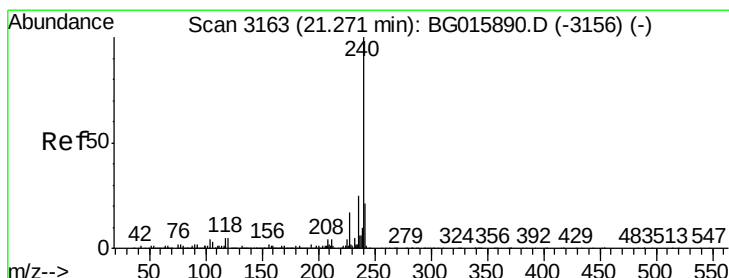
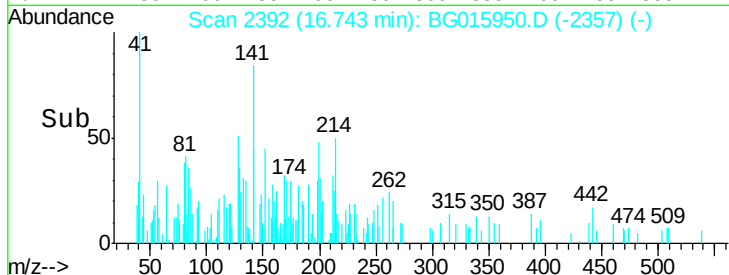
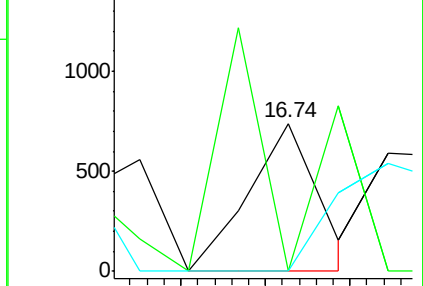
264 0.0 51.9 77.9#



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: BG015950.D

Acq: 27 Jan 2015 16:04

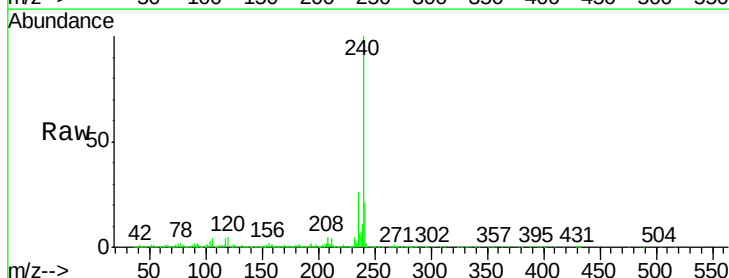
Tgt Ion:240 Resp: 1041412

Ion Ratio Lower Upper

240 100

120 4.5 3.9 5.9

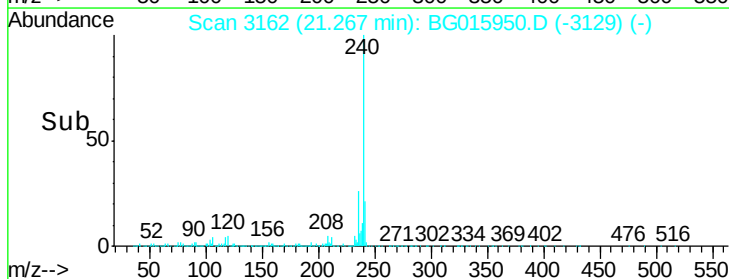
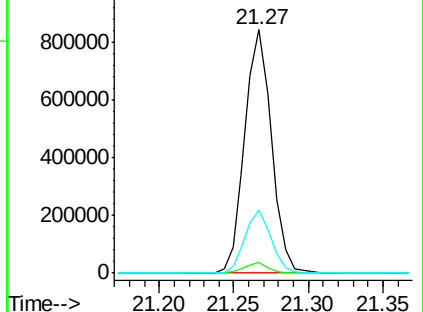
236 25.7 20.0 30.0

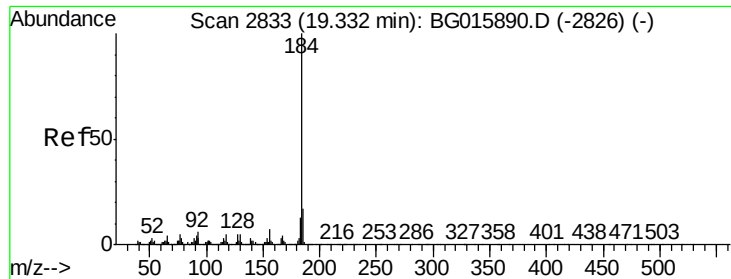


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.06 ng

RT: 19.34 min Scan# 2834

Delta R.T. 0.01 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

Instrument :

BNA_G

ClientSampleId :

SUMP

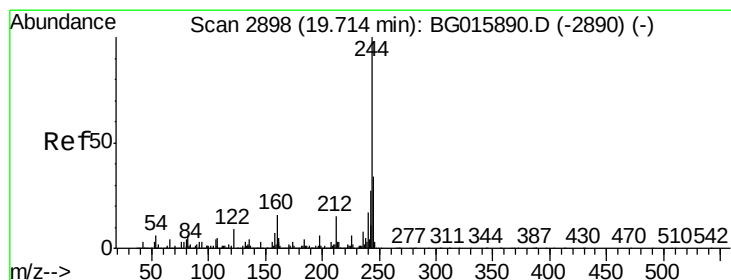
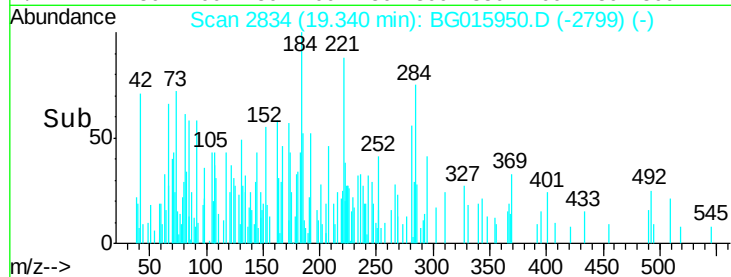
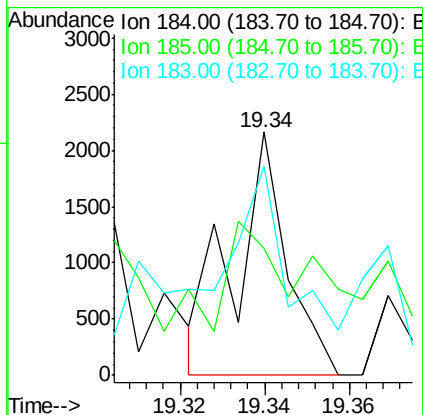
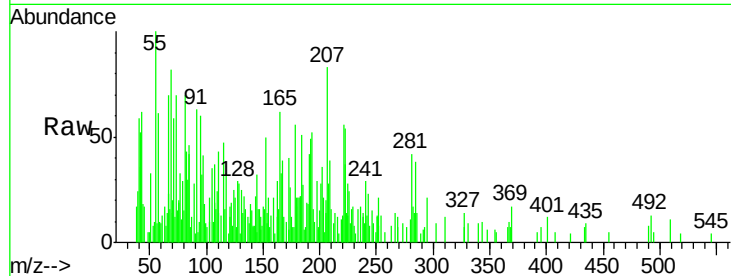
Tgt Ion:184 Resp: 1859

Ion Ratio Lower Upper

184 100

185 52.4 13.3 19.9#

183 86.1 10.1 15.1#



#78

Terphenyl-d14

Concen: 74.35 ng

RT: 19.72 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG015950.D

Acq: 27 Jan 2015 16:04

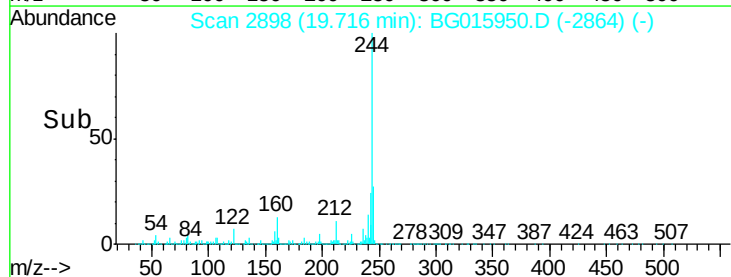
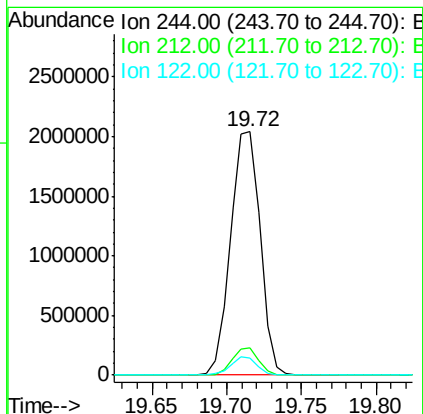
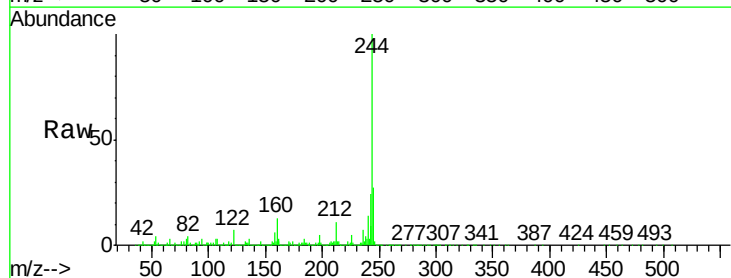
Tgt Ion:244 Resp: 2845042

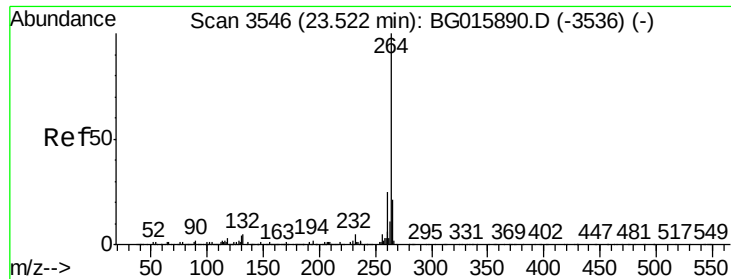
Ion Ratio Lower Upper

244 100

212 11.1 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: BG015950.D
Acq: 27 Jan 2015 16:04

Instrument :
BNA_G
ClientSampleId :
SUMP

Tgt Ion: 264 Resp: 1012587

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.7	29.5
265	19.1	17.3	25.9

