

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016454.D
 Acq On : 16 Apr 2015 11:13
 Operator : TP/IZ
 Sample : G1829-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO-002

Quant Time: Apr 16 13:54:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	88961	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	398030	20.00	ng	-0.02
38) Acenaphthene-d10	14.31	164	228762	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	491617	20.00	ng	-0.02
75) Chrysene-d12	21.23	240	417550	20.00	ng	0.00
86) Perylene-d12	23.46	264	396824	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	217863	38.65	ng	0.00
7) Phenol-d6	6.86	99	198214	23.42	ng	0.00
23) Nitrobenzene-d5	8.82	82	421618	61.36	ng	-0.02
41) 2,4,6-Tribromophenol	15.80	330	166947	107.91	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	913984	68.02	ng	0.00
78) Terphenyl-d14	19.68	244	1126142	63.12	ng	0.00

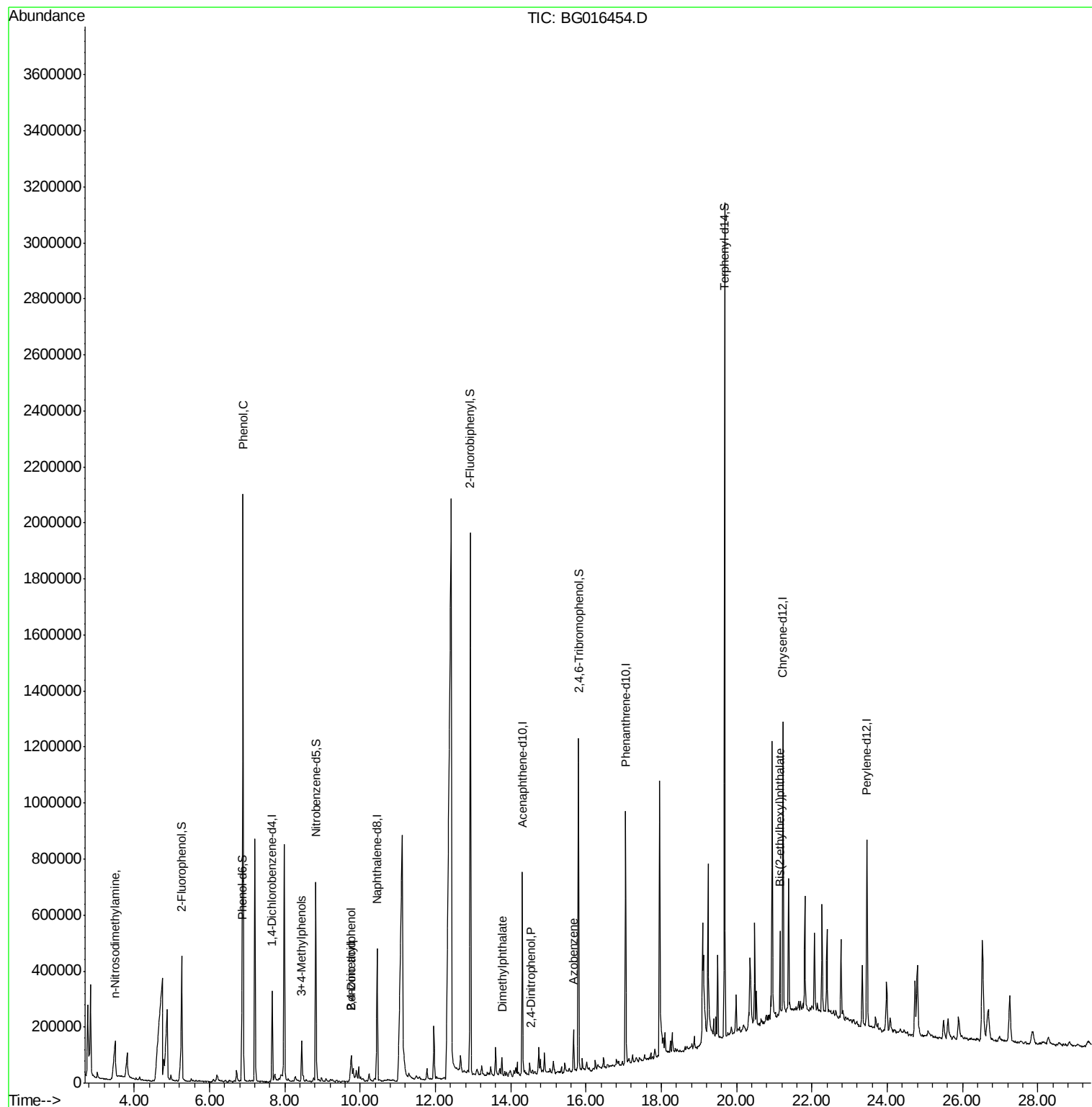
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.49	42	20251	8.90	ng	# 1
10) Phenol	6.89	94	1320499	145.85	ng	96
20) 3+4-Methylphenols	8.44	107	68022	8.09	ng	94
27) 2,4-Dimethylphenol	9.76	122	55892	8.76	ng	# 7
32) Benzoic acid	9.76	122	59508	20.43	ng	96
49) Dimethylphthalate	13.77	163	40722	2.43	ng	99
53) 2,4-Dinitrophenol	14.54	184	643	8.51	ng	# 60
62) Azobenzene	15.67	77	41159	2.17	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.15	149	103461	5.35	ng	97

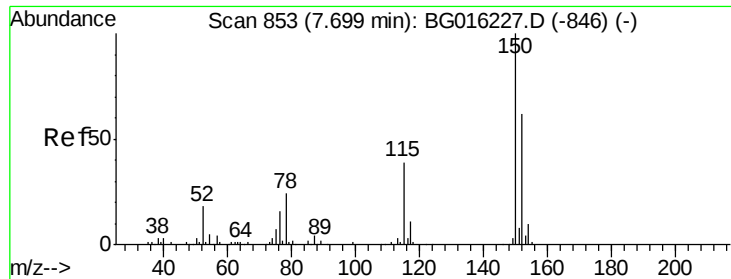
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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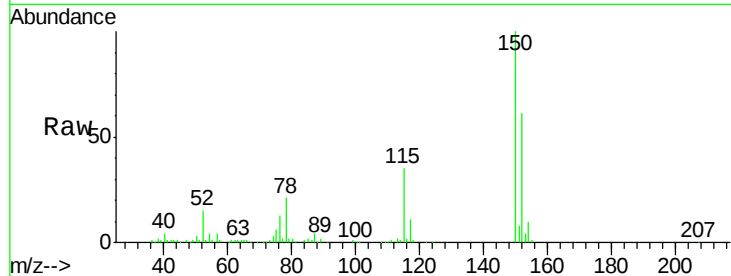


#1

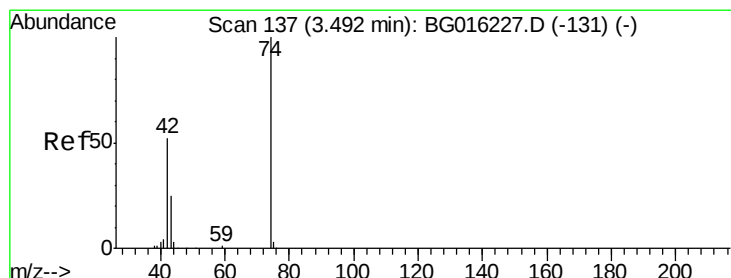
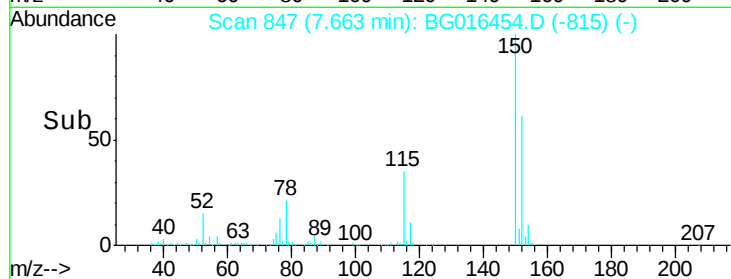
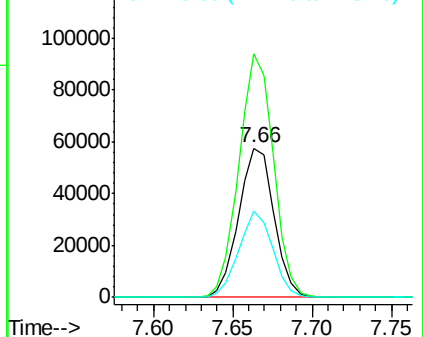
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

Instrument :
 BNA_G
 ClientSampleId :
 PO-002

Tgt Ion:152 Resp: 88961
 Ion Ratio Lower Upper
 152 100
 150 162.9 130.1 195.1
 115 57.6 50.5 75.7



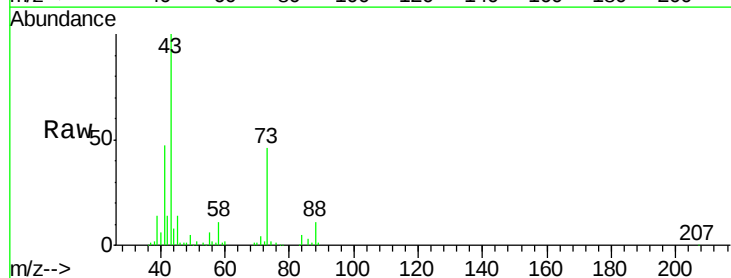
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



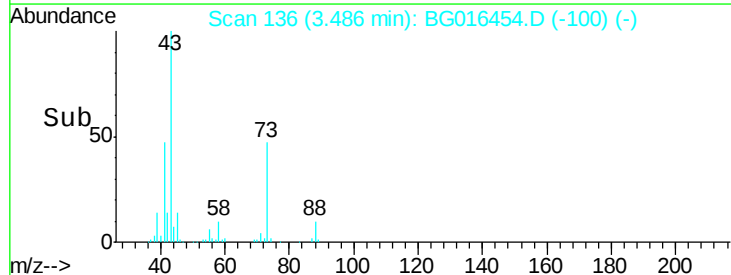
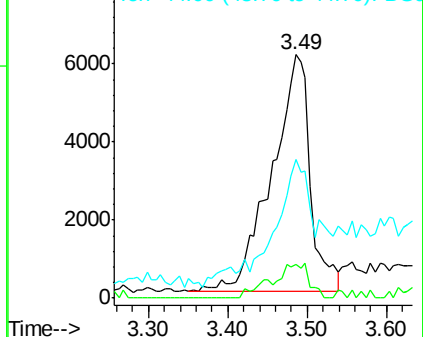
#4

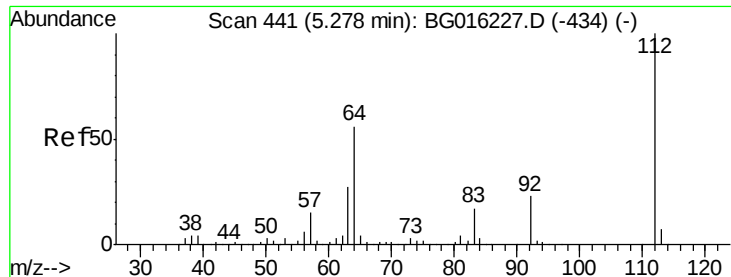
n-Nitrosodimethylamine
 Concen: 8.90 ng
 RT: 3.49 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

Tgt Ion: 42 Resp: 20251
 Ion Ratio Lower Upper
 42 100
 74 13.9 153.7 230.5#
 44 57.1 5.3 7.9#



Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 38.65 ng

RT: 5.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

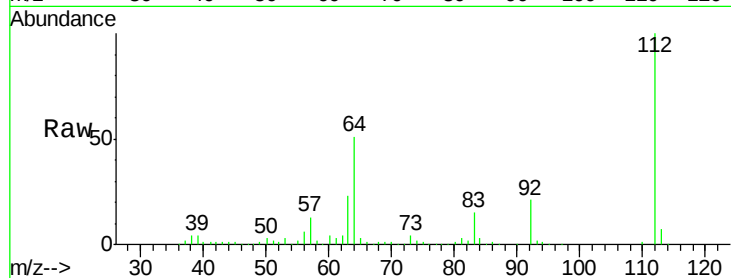
Instrument :

BNA_G

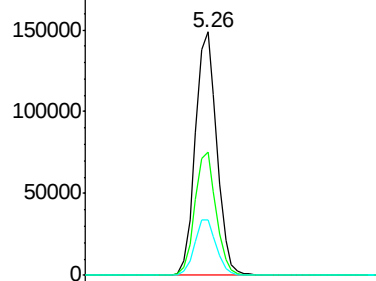
ClientSampled :

PO-002

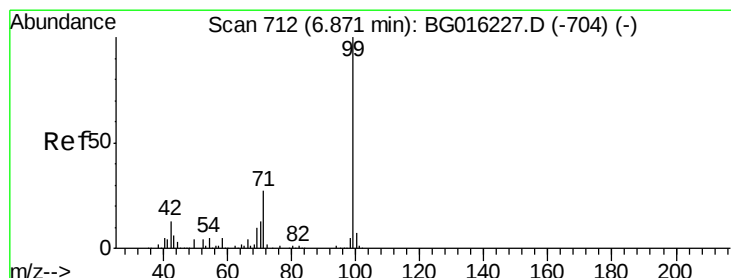
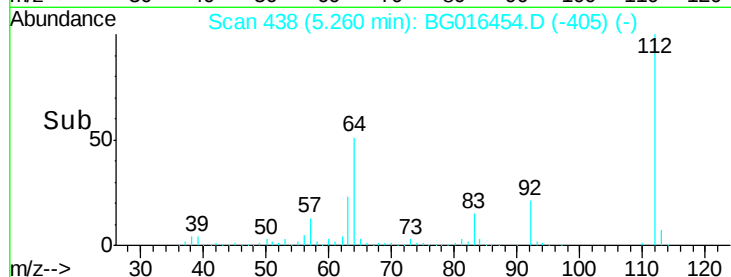
Tgt Ion:	112	Resp:	217863
Ion	Ratio	Lower	Upper
112	100		
64	50.8	44.5	66.7
63	22.8	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->



#7

Phenol-d6

Concen: 23.42 ng

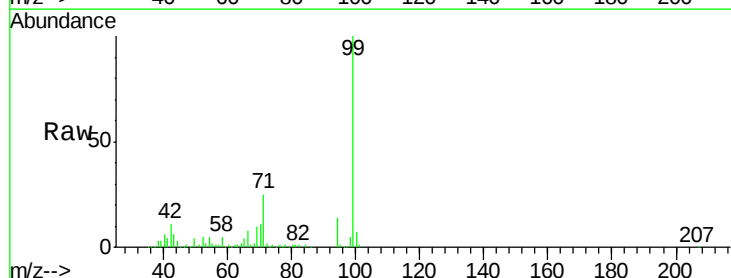
RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

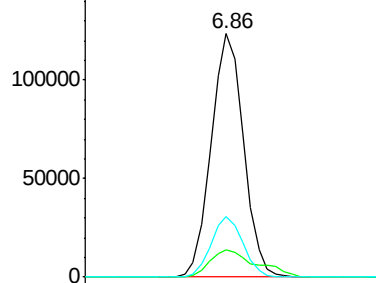
Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

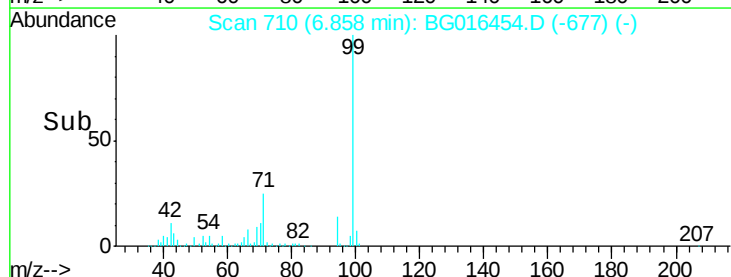
Tgt Ion:	99	Resp:	198214
Ion	Ratio	Lower	Upper
99	100		
42	11.2	10.0	15.0
71	24.7	21.5	32.3

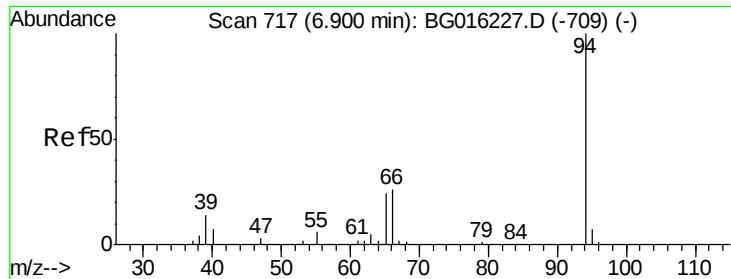


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->





#10

Phenol

Concen: 145.85 ng

RT: 6.89 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampled :

PO-002

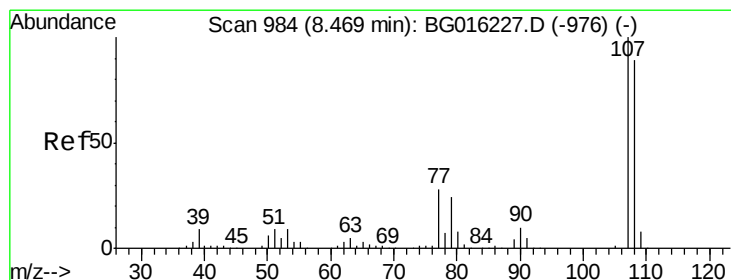
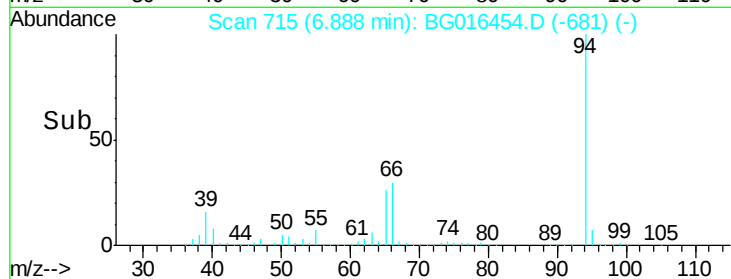
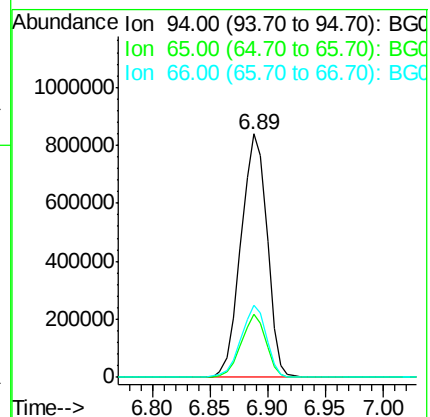
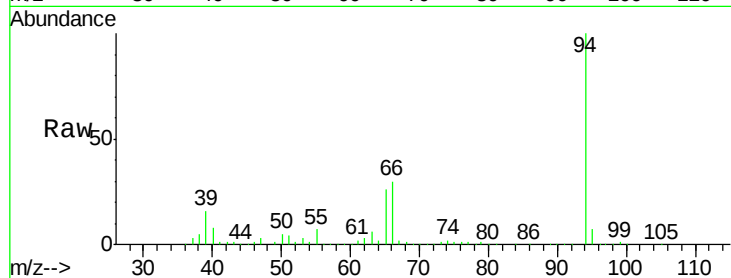
Tgt Ion: 94 Resp: 1320499

Ion Ratio Lower Upper

94 100

65 25.7 3.8 43.8

66 29.7 7.4 47.4



#20

3+4-Methylphenols

Concen: 8.09 ng

RT: 8.44 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Tgt Ion:107 Resp: 68022

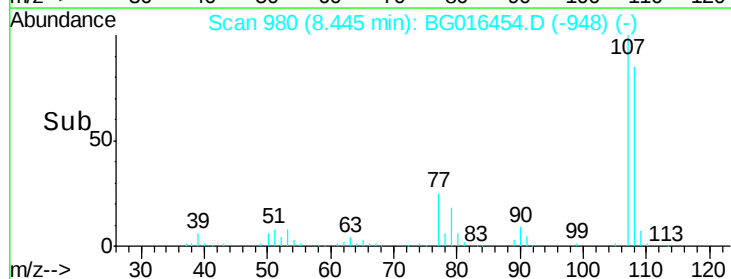
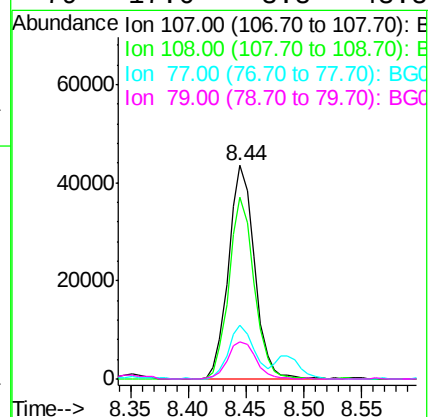
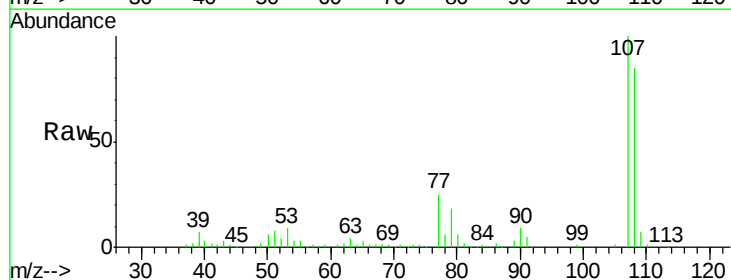
Ion Ratio Lower Upper

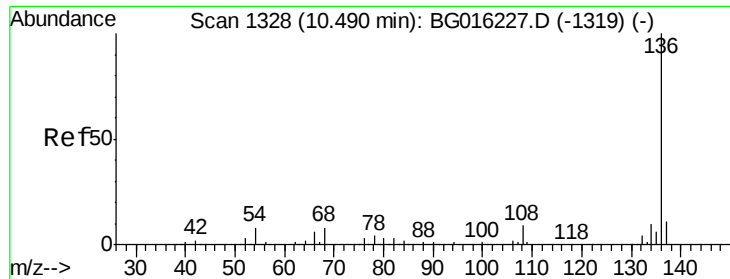
107 100

108 85.1 69.5 109.5

77 25.1 8.2 48.2

79 17.6 3.8 43.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

PO-002

Tgt Ion: 136 Resp: 398030

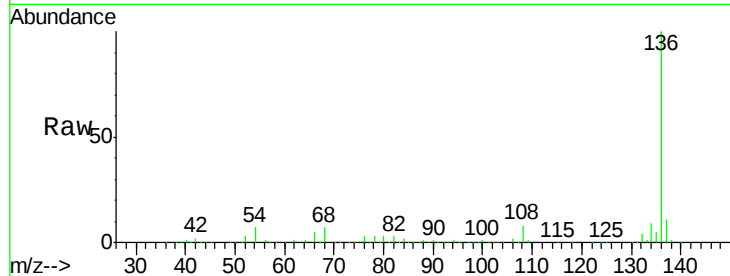
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.3 6.3 9.5

68 6.6 6.5 9.7

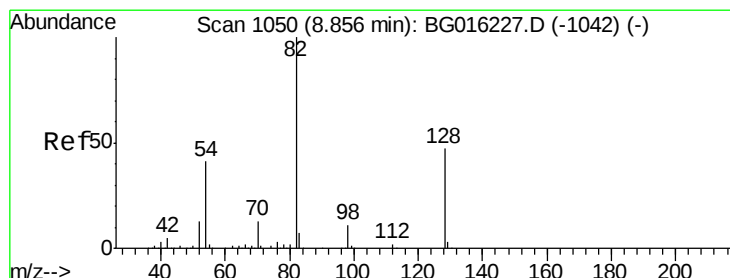
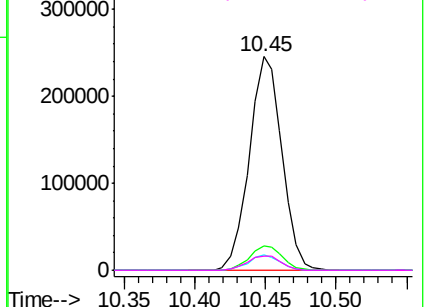
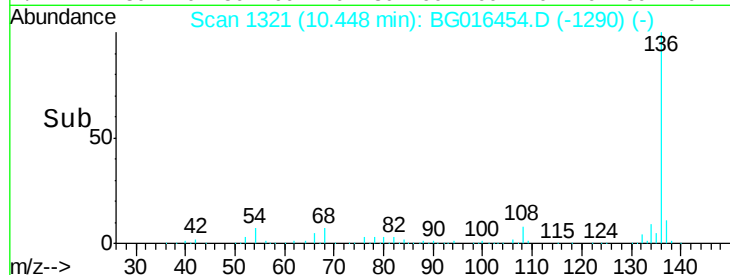


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 61.36 ng

RT: 8.82 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

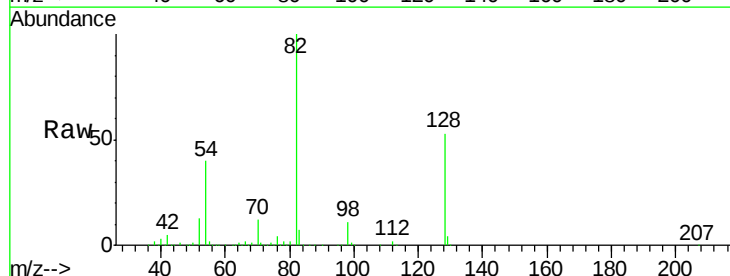
Tgt Ion: 82 Resp: 421618

Ion Ratio Lower Upper

82 100

128 53.1 37.8 56.8

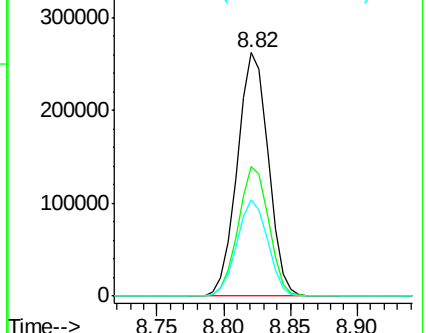
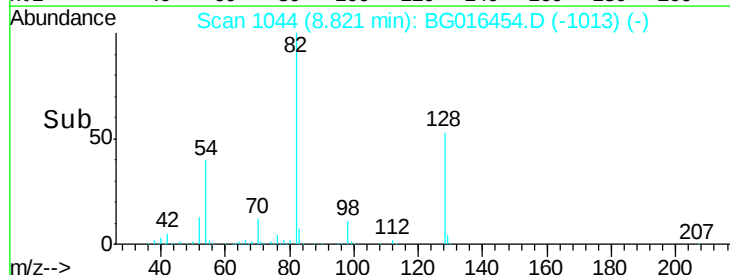
54 39.8 32.6 49.0

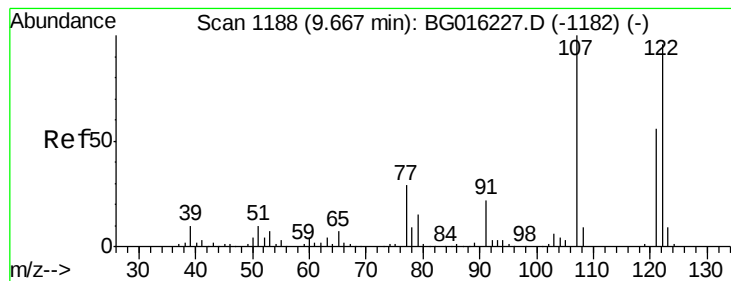


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#27

2,4-Dimethylphenol

Concen: 8.76 ng

RT: 9.76 min Scan# 1204

Delta R.T. 0.11 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

PO-002

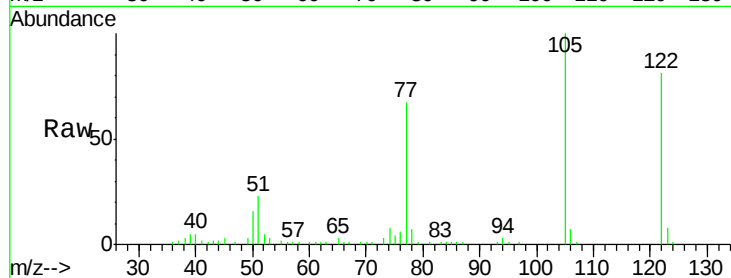
Tgt Ion:122 Resp: 55892

Ion Ratio Lower Upper

122 100

107 1.1 83.4 125.2#

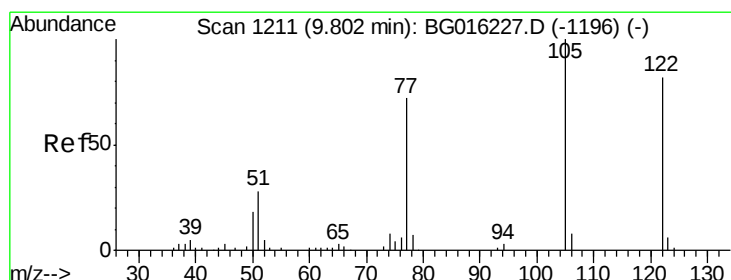
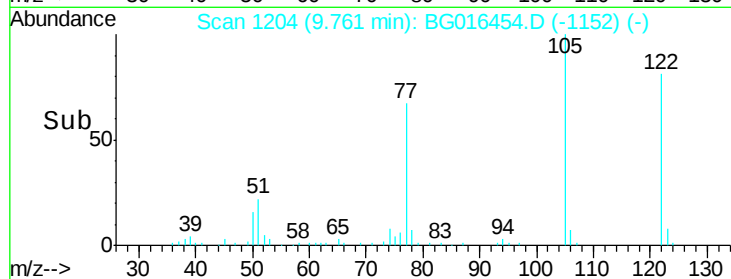
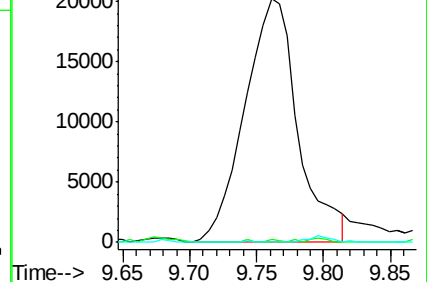
121 0.0 46.2 69.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 20.43 ng

RT: 9.76 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

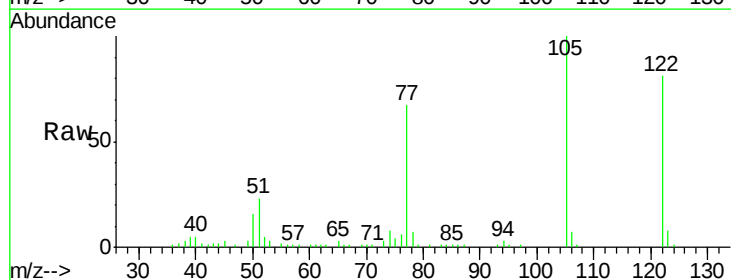
Tgt Ion:122 Resp: 59508

Ion Ratio Lower Upper

122 100

105 124.1 99.7 139.7

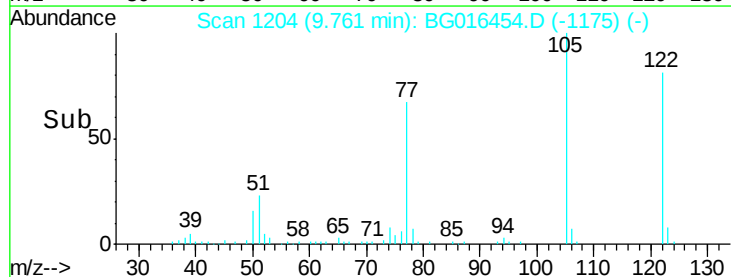
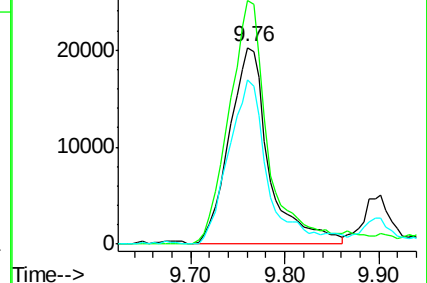
77 83.6 66.8 106.8

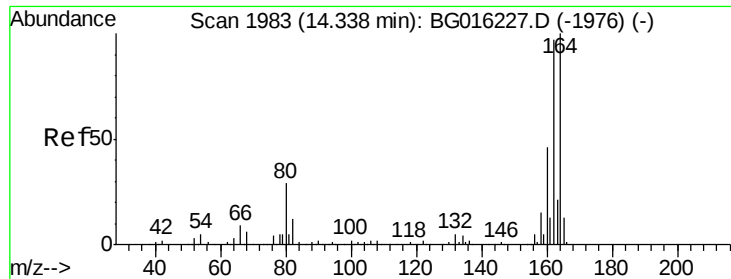


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

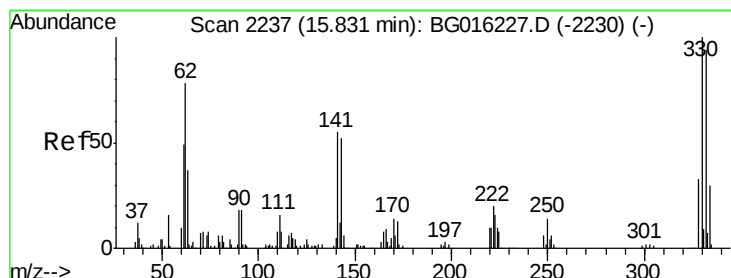
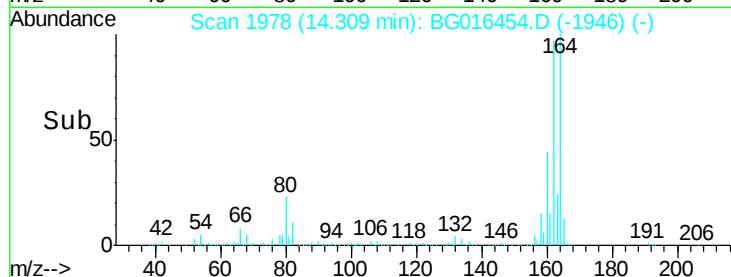
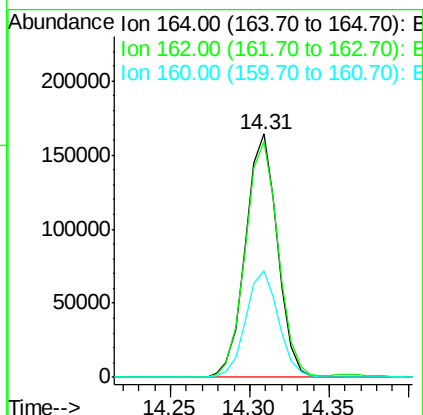
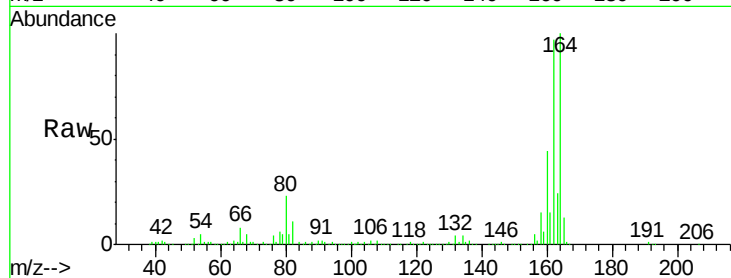




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

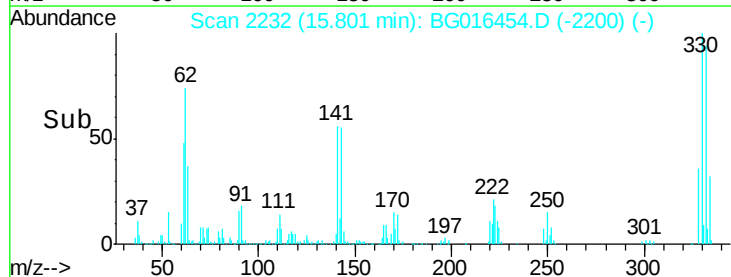
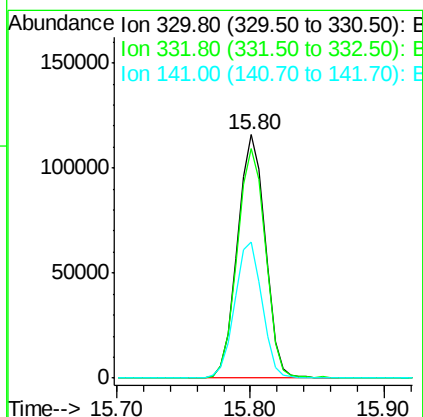
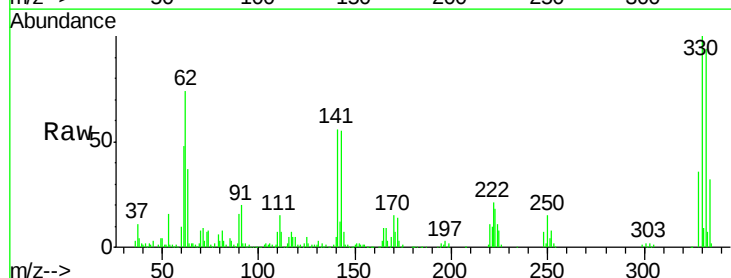
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BNA_G
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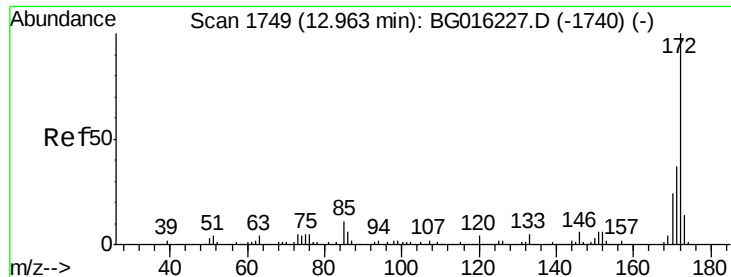
Tgt Ion:164 Resp: 228762
Ion Ratio Lower Upper
164 100
162 96.8 77.3 115.9
160 44.0 36.7 55.1



#41
2,4,6-Tribromophenol
Concen: 107.91 ng
RT: 15.80 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion:330 Resp: 166947
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 55.7 46.6 69.8

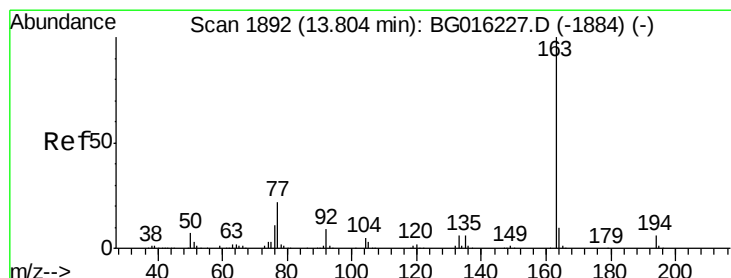
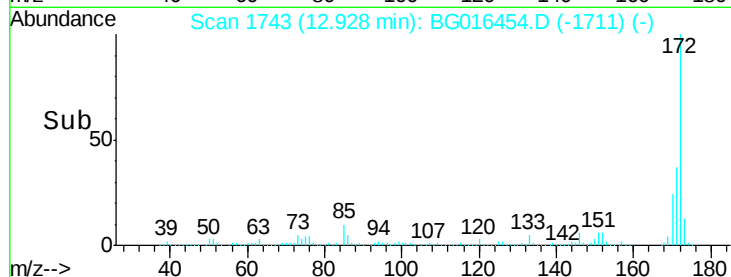
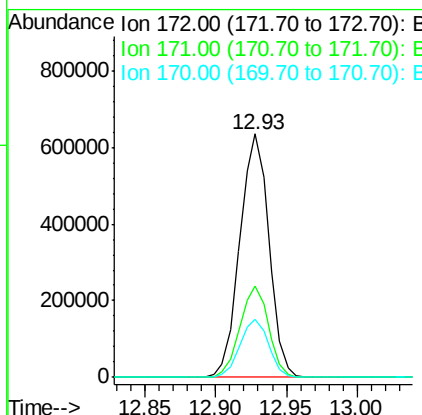
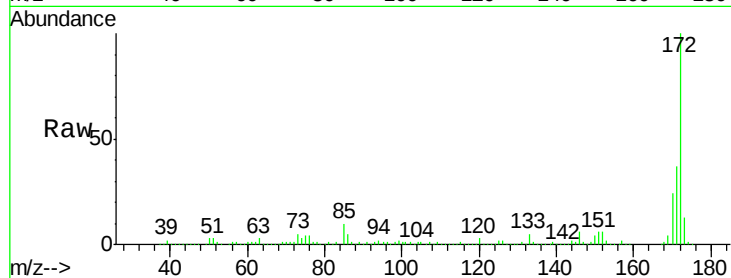




#44
 2-Fluorobiphenyl
 Concen: 68.02 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

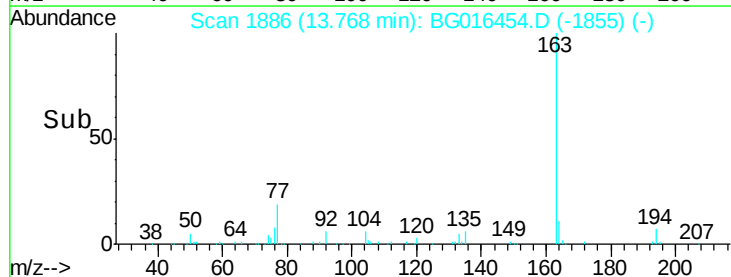
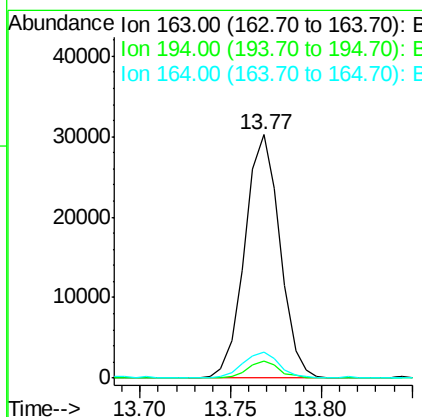
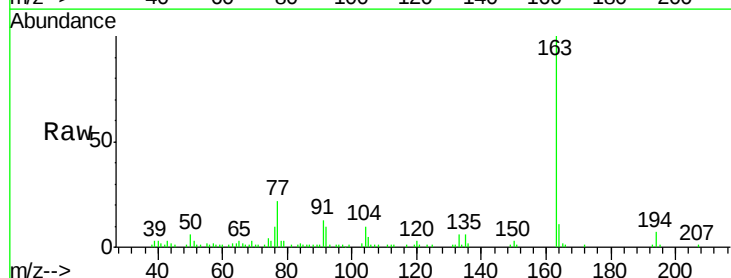
Instrument :
 BNA_G
 ClientSampleId :
 PO-002

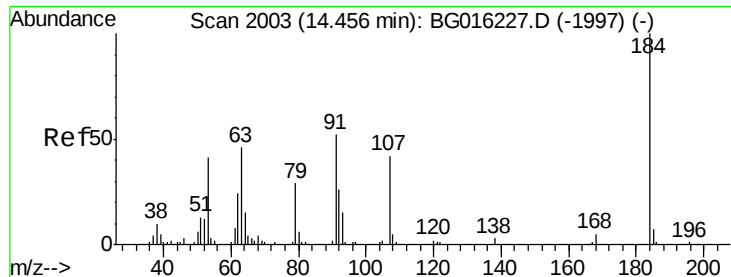
Tgt Ion:172 Resp: 913984
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.0 19.4 29.2



#49
 Dimethylphthalate
 Concen: 2.43 ng
 RT: 13.77 min Scan# 1886
 Delta R.T. -0.02 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

Tgt Ion:163 Resp: 40722
 Ion Ratio Lower Upper
 163 100
 194 6.9 5.0 7.4
 164 10.6 8.2 12.4

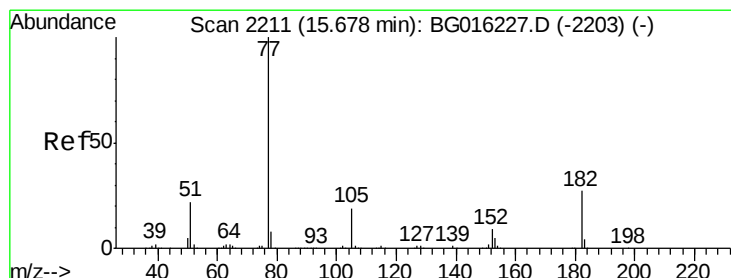
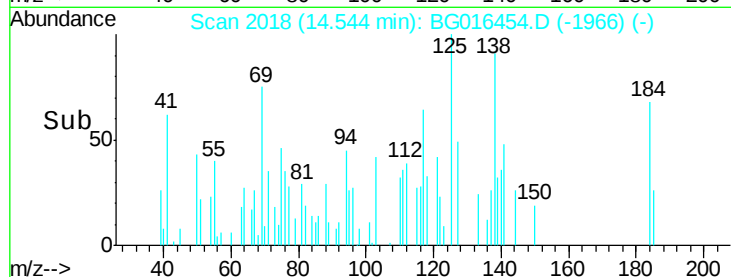
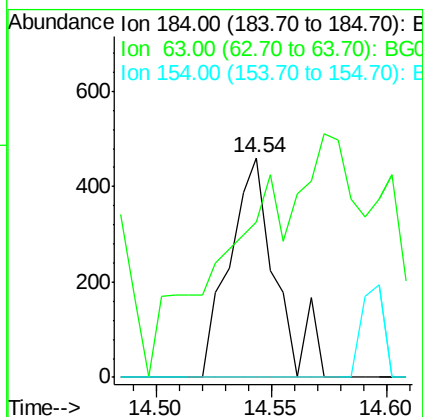
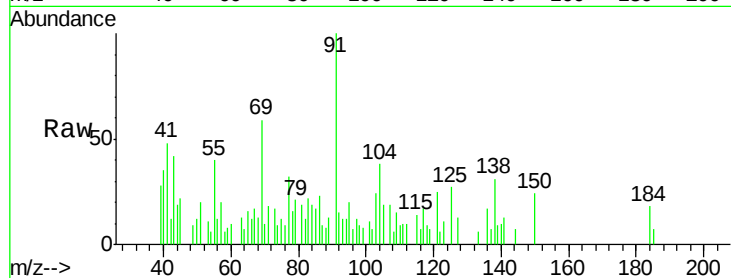




#53
2,4-Dinitrophenol
Concen: 8.51 ng
RT: 14.54 min Scan# 2018
Delta R.T. 0.11 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

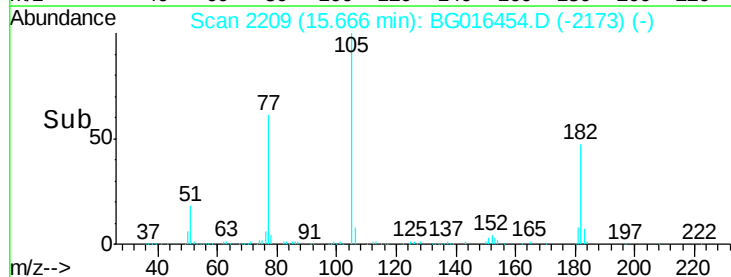
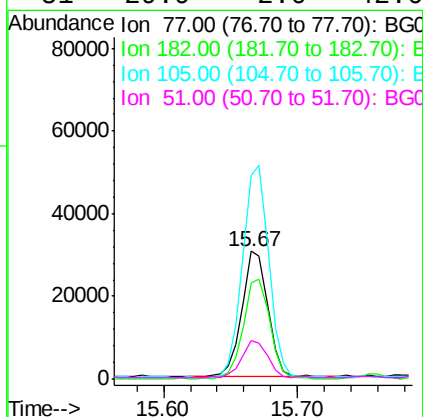
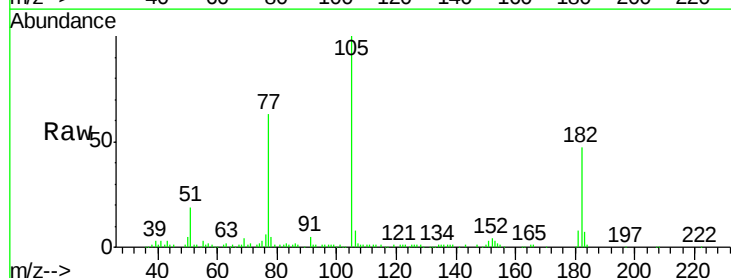
Instrument :
BNA_G
ClientSampled :
PO-002

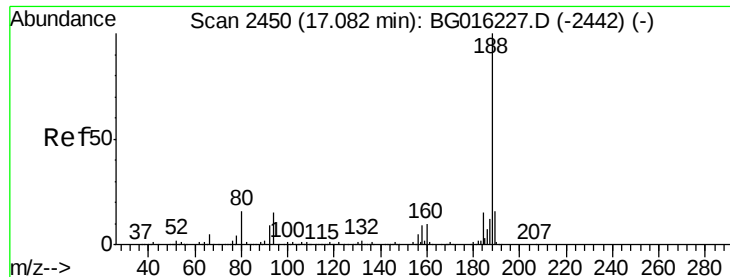
Tgt Ion: 184 Resp: 643
Ion Ratio Lower Upper
184 100
63 70.9 45.8 68.6#
154 0.0 34.5 51.7#



#62
Azobenzene
Concen: 2.17 ng
RT: 15.67 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion: 77 Resp: 41159
Ion Ratio Lower Upper
77 100
182 75.1 6.6 46.6#
105 159.9 0.0 39.2#
51 29.9 2.0 42.0

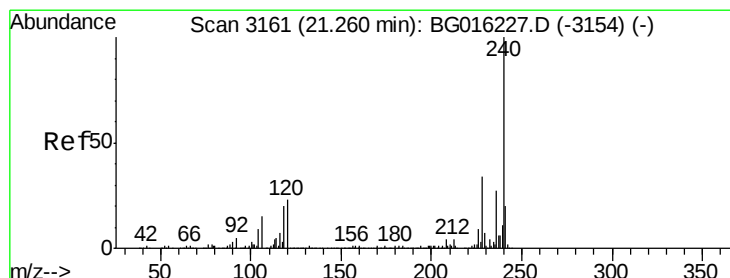
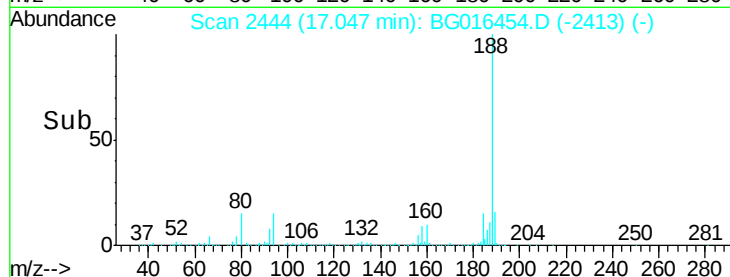
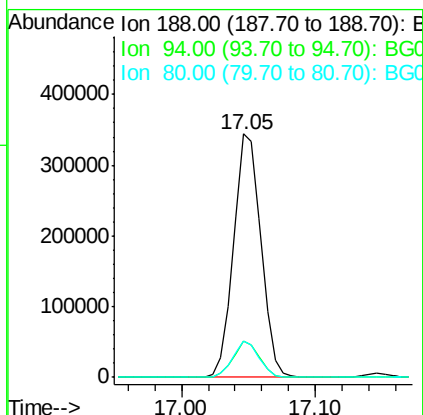
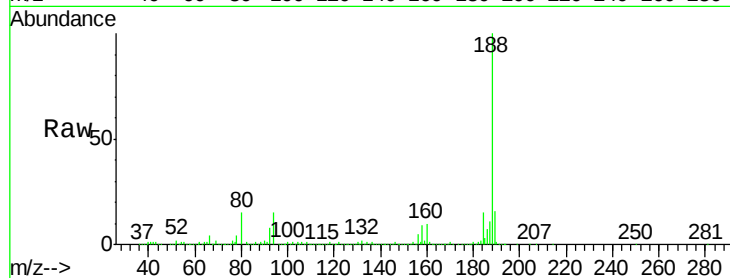




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

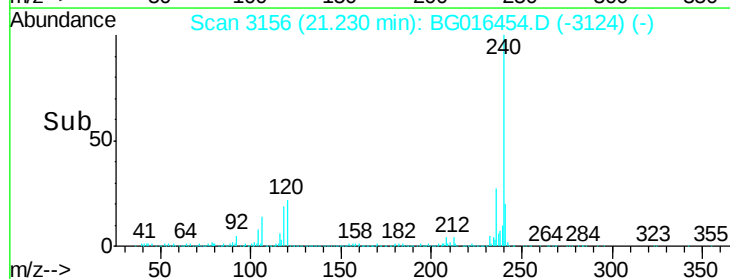
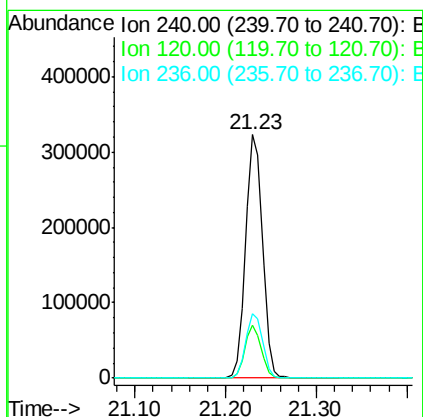
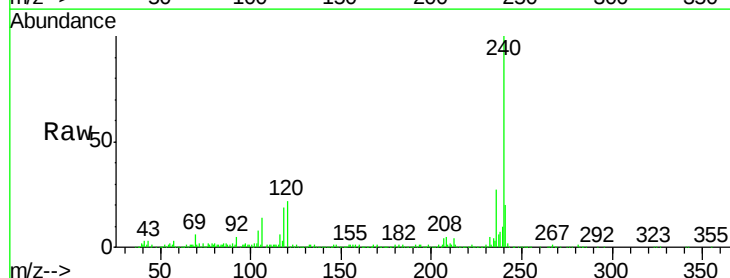
Instrument :
BNA_G
ClientSampleId :
PO-002

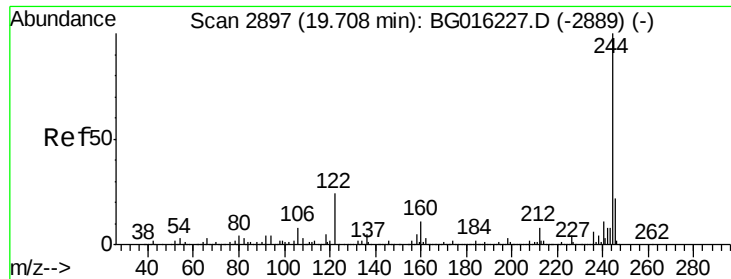
Tgt Ion:188 Resp: 491617
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 14.6 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016454.D
Acq: 16 Apr 2015 11:13

Tgt Ion:240 Resp: 417550
Ion Ratio Lower Upper
240 100
120 21.9 18.6 28.0
236 26.6 21.7 32.5

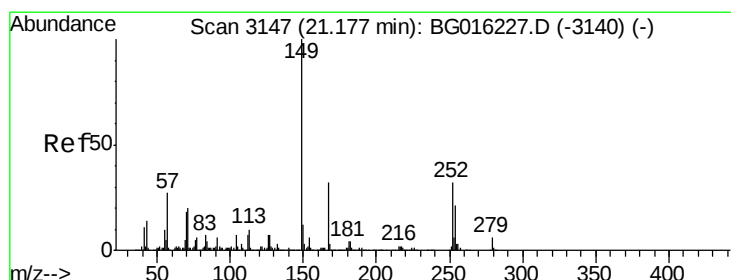
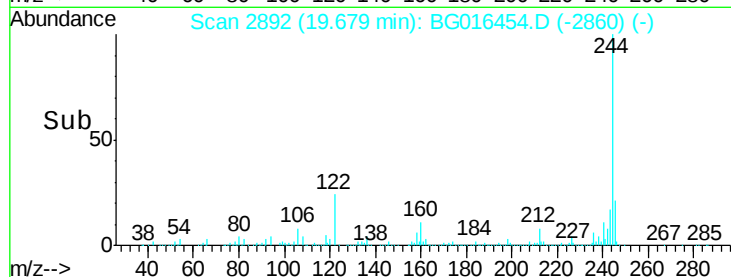
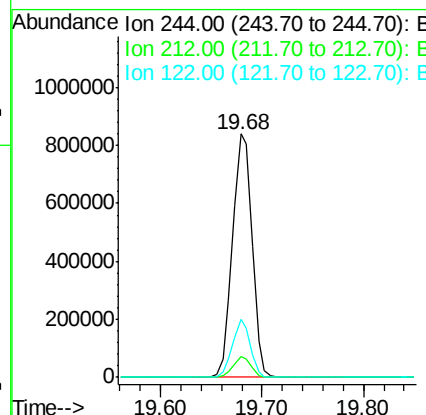
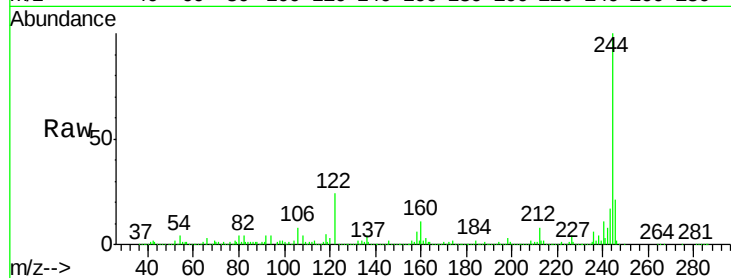




#78
 Terphenyl-d14
 Concen: 63.12 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

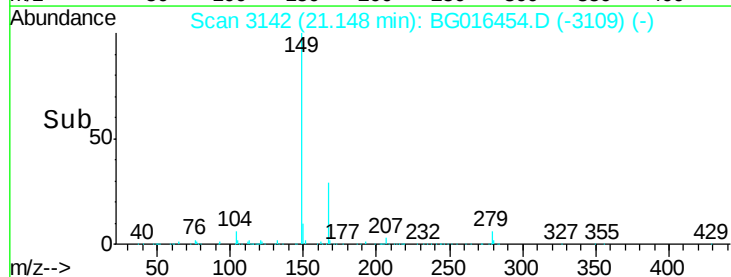
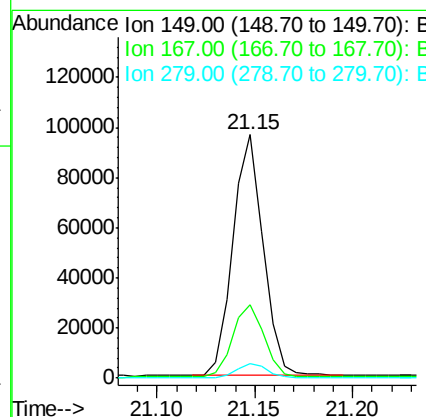
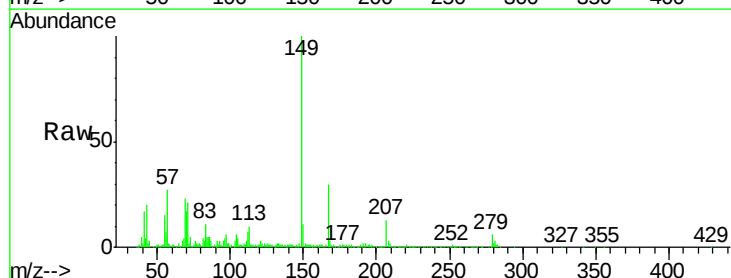
Instrument :
 BNA_G
 ClientSampled :
 PO-002

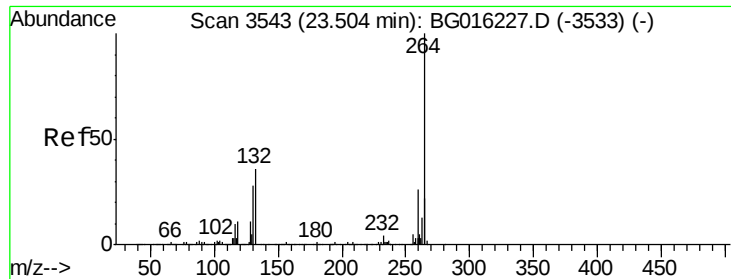
Tgt Ion:244 Resp: 1126142
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 24.1 19.1 28.7



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.35 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016454.D
 Acq: 16 Apr 2015 11:13

Tgt Ion:149 Resp: 103461
 Ion Ratio Lower Upper
 149 100
 167 30.3 25.8 38.6
 279 5.9 4.7 7.1





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016454.D

Acq: 16 Apr 2015 11:13

Instrument :

BNA_G

ClientSampleId :

PO-002

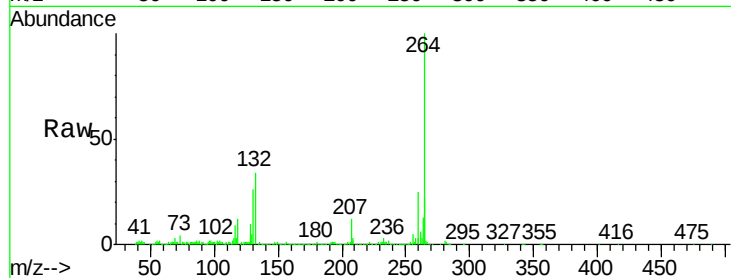
Tgt Ion: 264 Resp: 396824

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

