

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016531.D
 Acq On : 18 Apr 2015 21:23
 Operator : TP/IZ
 Sample : G1845-02 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFWW

Quant Time: Apr 20 04:11:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

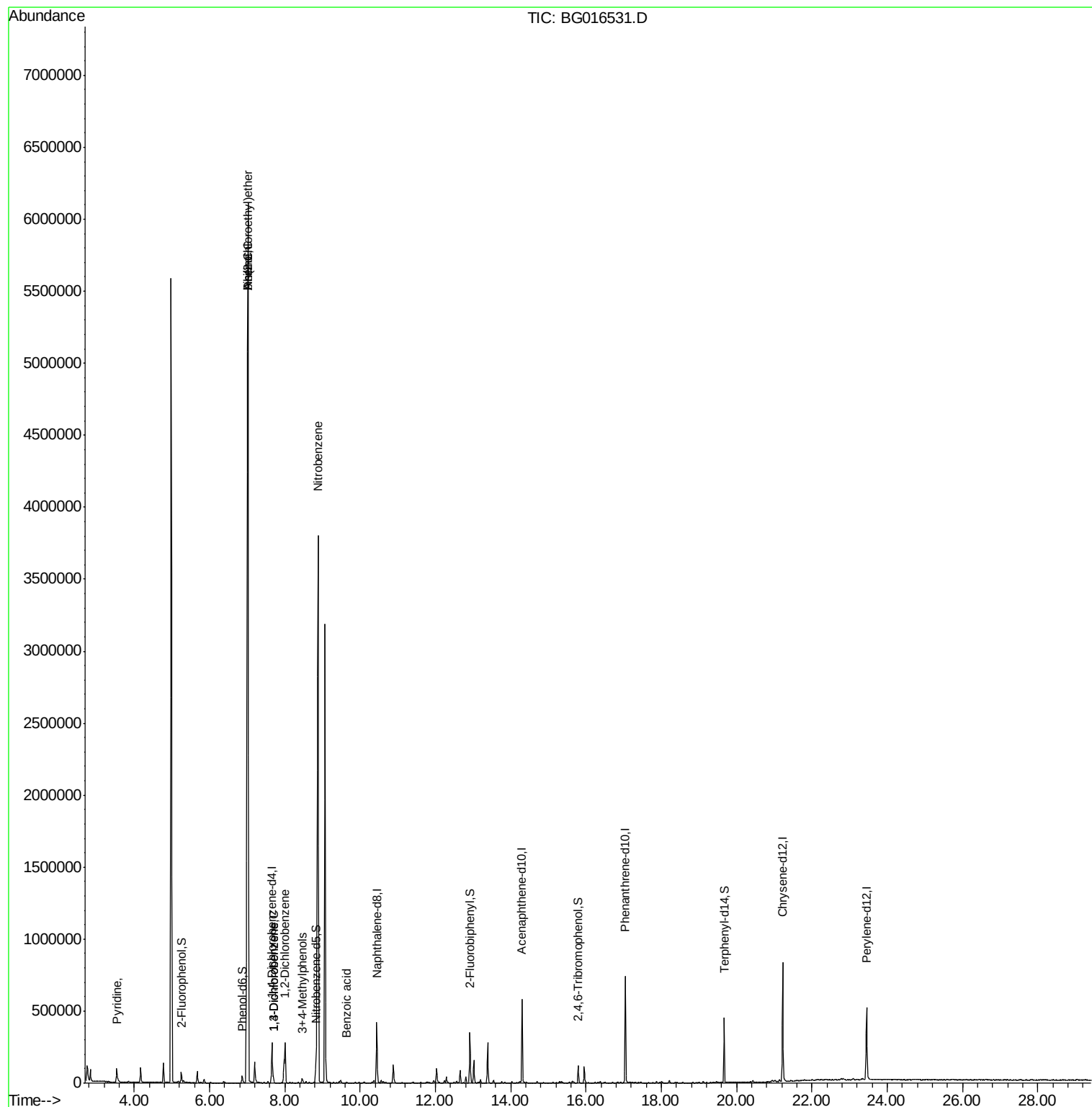
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	76039	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	345279	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	201071	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	396780	20.00	ng	0.00
75) Chrysene-d12	21.22	240	336995	20.00	ng	0.00
86) Perylene-d12	23.45	264	313285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	37851	7.86	ng	0.00
7) Phenol-d6	6.86	99	33646	4.65	ng	0.02
23) Nitrobenzene-d5	8.82	82	75381	12.65	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	17630	12.96	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	171771	14.54	ng	0.00
78) Terphenyl-d14	19.67	244	182110	12.65	ng	0.00
Target Compounds						
3) Pyridine	3.53	79	64615	9.87	ng	Qvalue 96
6) Aniline	7.02	93	4397195	425.68	ng	# 62
10) Phenol	7.02	94	470323	60.78	ng	# 1
11) bis(2-Chloroethyl)ether	7.02	93	4399308	712.95	ng	# 34
12) 1,3-Dichlorobenzene	7.69	146	20664	3.54	ng	96
13) 1,4-Dichlorobenzene	7.69	146	20663	3.41	ng	95
14) 1,2-Dichlorobenzene	8.01	146	122729	21.17	ng	97
20) 3+4-Methylphenols	8.46	107	14468	2.01	ng	# 49
24) Nitrobenzene	8.88	77	2408437	377.87	ng	# 85
32) Benzoic acid	9.64	122	1408	9.05	ng	# 17

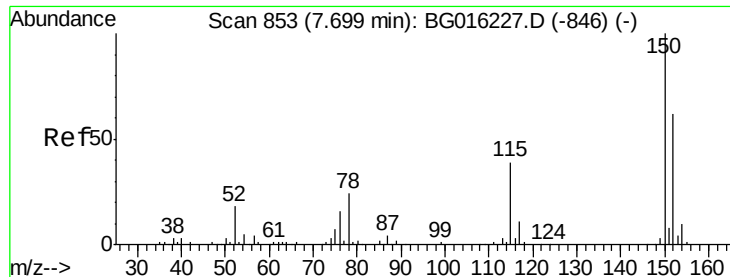
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

Instrument :

BNA_G

ClientSampleId :

EFFWW

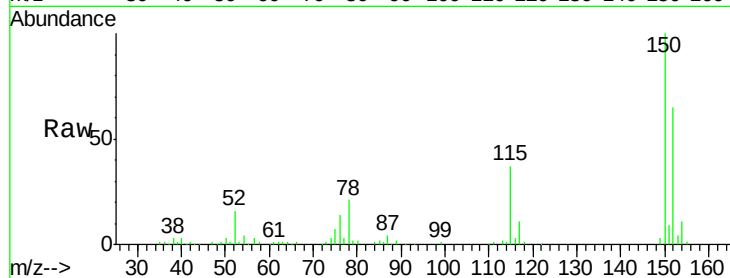
Tgt Ion:152 Resp: 76039

Ion Ratio Lower Upper

152 100

150 154.4 130.1 195.1

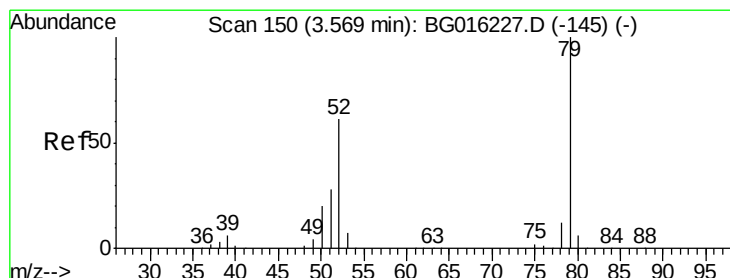
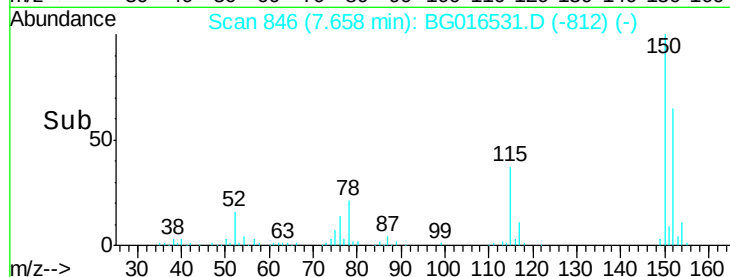
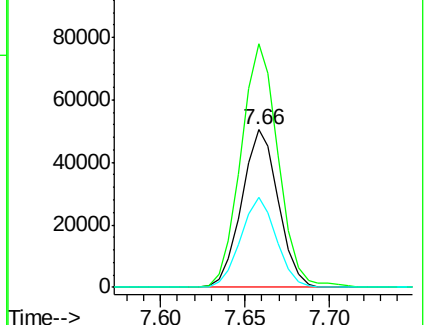
115 57.0 50.5 75.7



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



#3

Pyridine

Concen: 9.87 ng

RT: 3.53 min Scan# 143

Delta R.T. -0.00 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

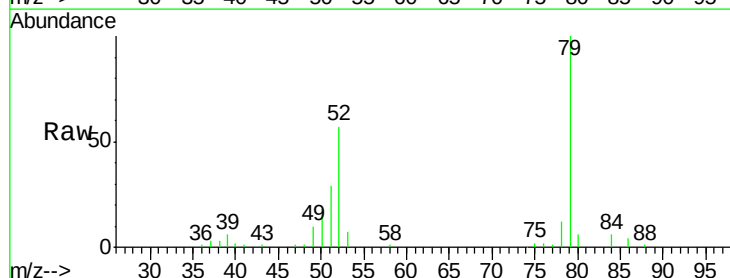
Tgt Ion: 79 Resp: 64615

Ion Ratio Lower Upper

79 100

52 56.8 49.0 73.4

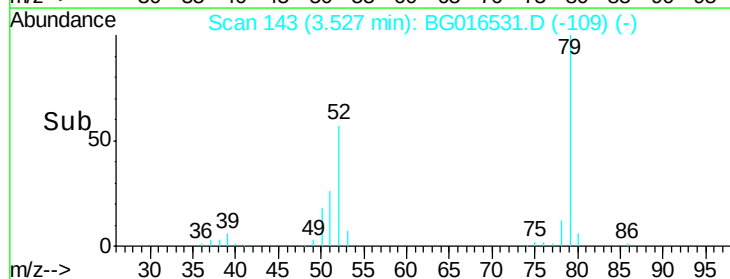
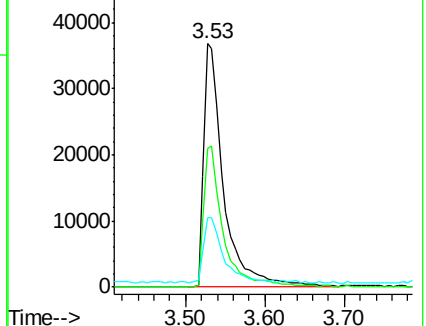
51 28.7 22.5 33.7

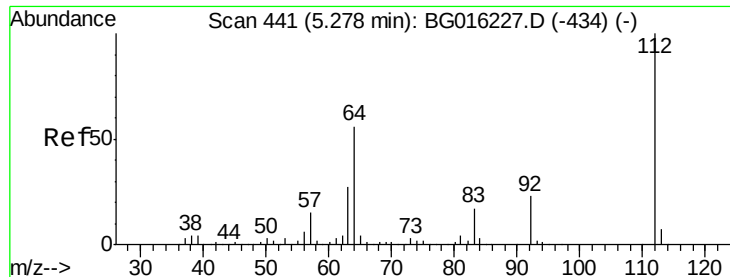


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 7.86 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

Instrument :

BNA_G

ClientSampleId :

EFFWW

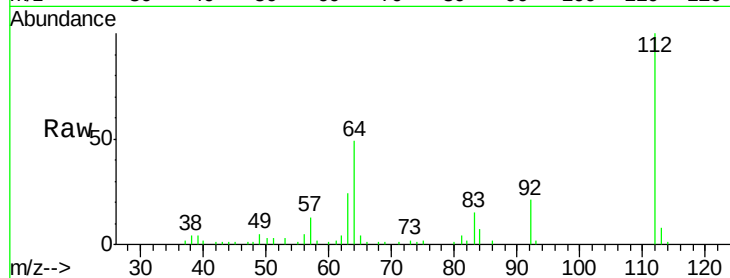
Tgt Ion: 112 Resp: 37851

Ion Ratio Lower Upper

112 100

64 48.9 44.5 66.7

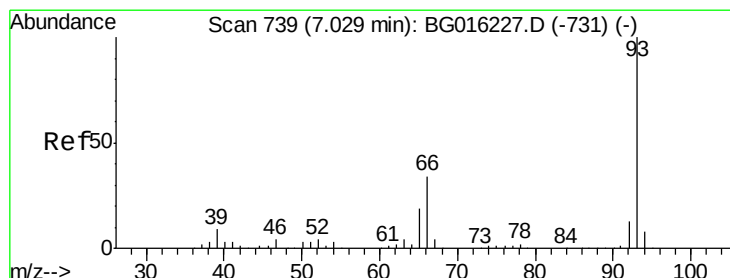
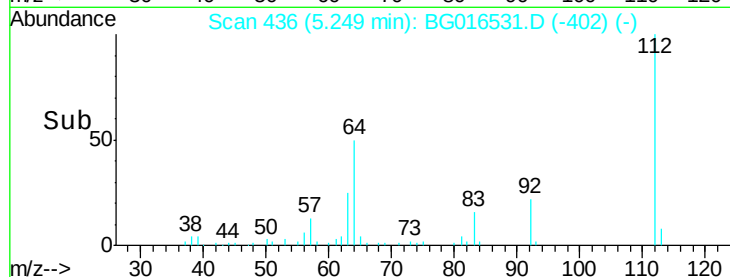
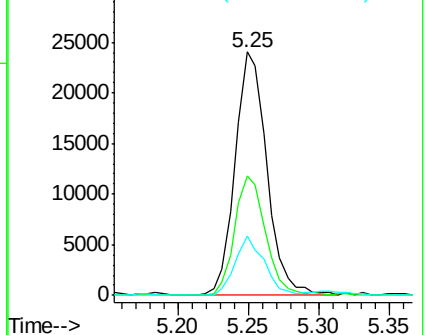
63 24.2 21.4 32.0



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



#6

Aniline

Concen: 425.68 ng

RT: 7.02 min Scan# 737

Delta R.T. 0.02 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

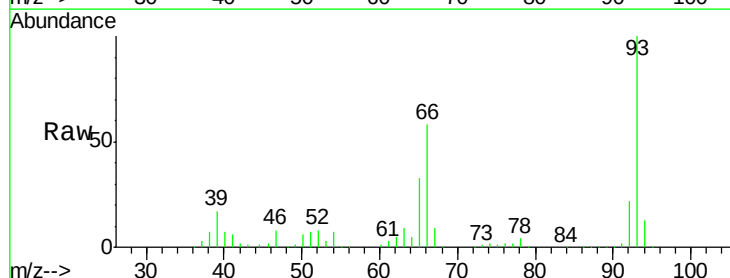
Tgt Ion: 93 Resp: 4397195

Ion Ratio Lower Upper

93 100

66 58.4 27.5 41.3#

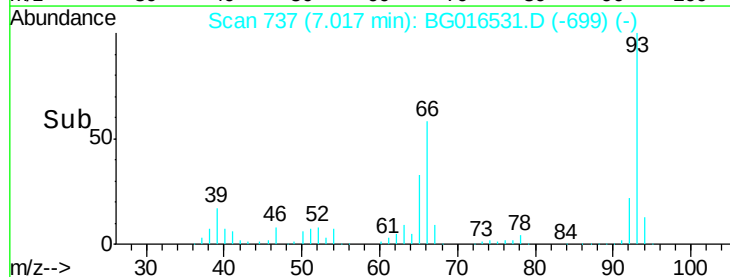
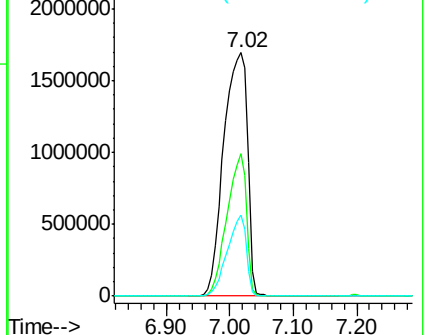
65 33.4 15.1 22.7#

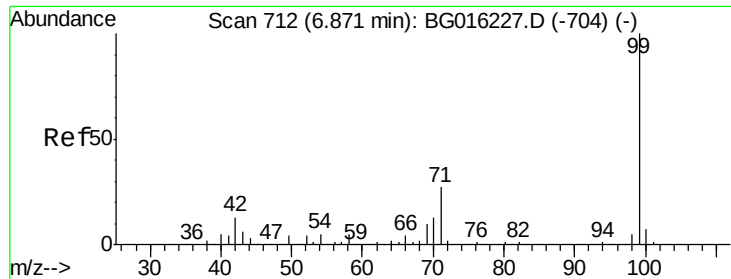


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 4.65 ng

RT: 6.86 min Scan# 711

Delta R.T. 0.02 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

Instrument :

BNA_G

ClientSampleId :

EFFWW

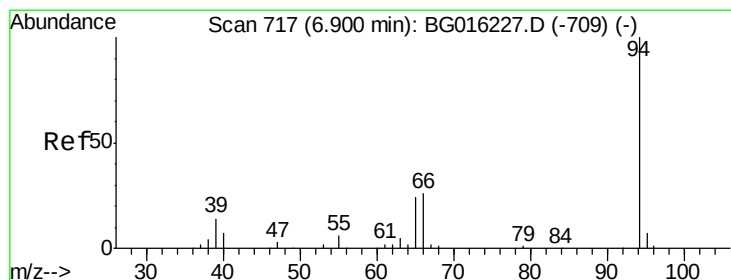
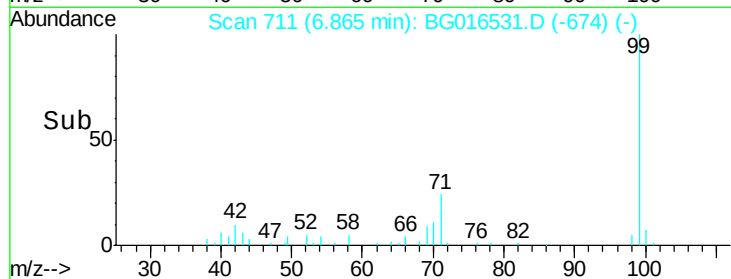
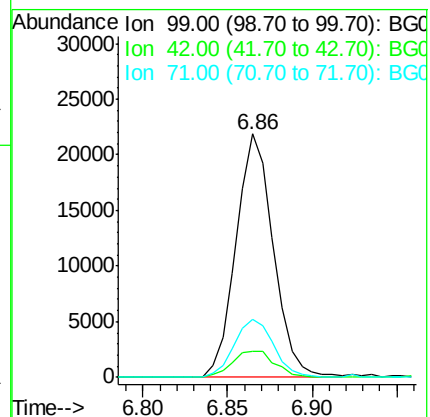
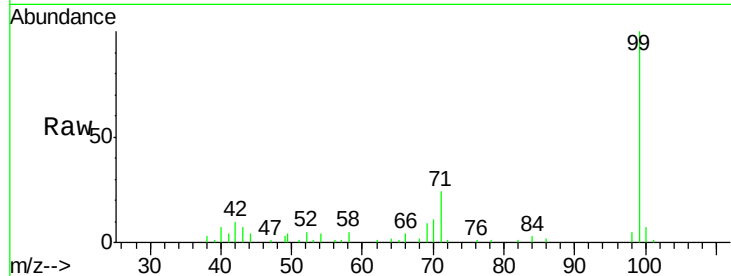
Tgt Ion: 99 Resp: 33646

Ion Ratio Lower Upper

99 100

42 10.5 10.0 15.0

71 23.6 21.5 32.3



#10

Phenol

Concen: 60.78 ng

RT: 7.02 min Scan# 737

Delta R.T. 0.14 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

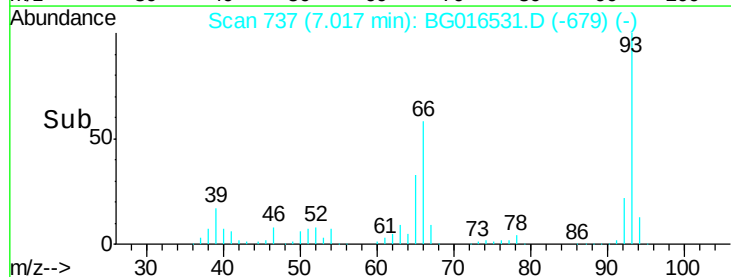
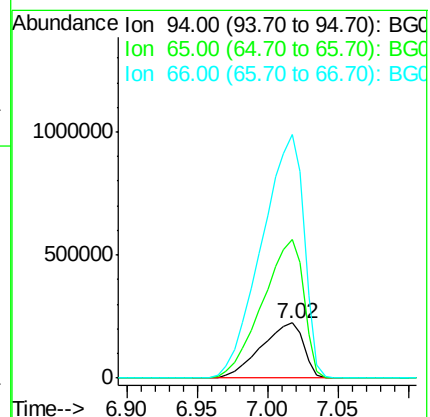
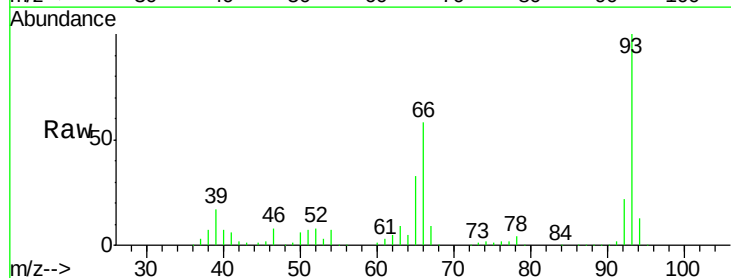
Tgt Ion: 94 Resp: 470323

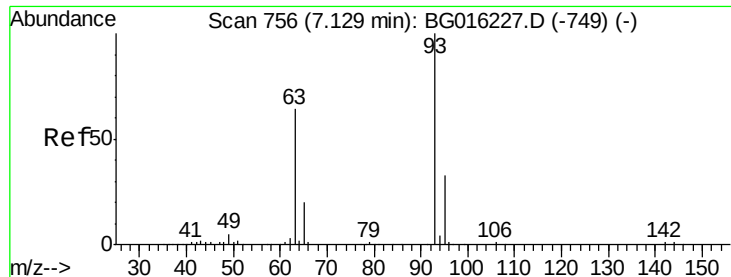
Ion Ratio Lower Upper

94 100

65 251.2 3.8 43.8#

66 439.4 7.4 47.4#



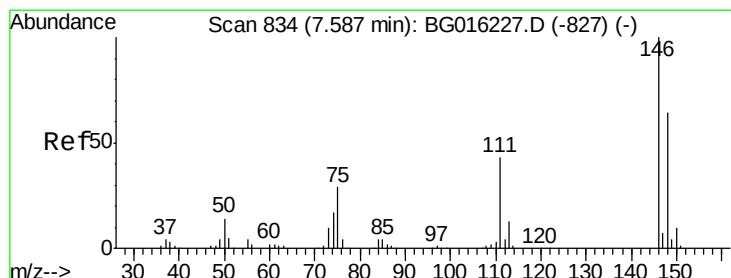
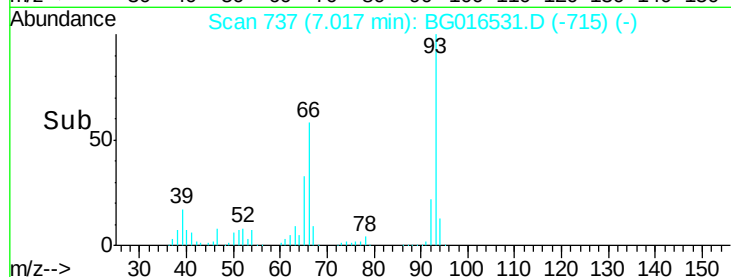
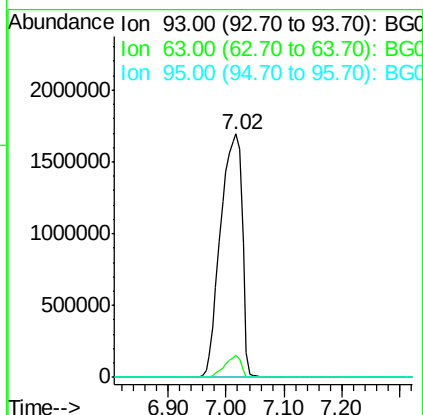
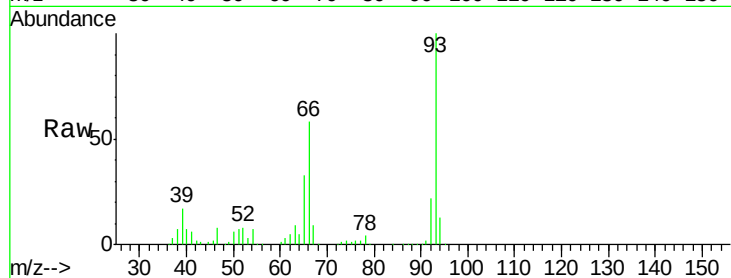


#11
bis(2-Chloroethyl)ether
Concen: 712.95 ng
RT: 7.02 min Scan# 737
Delta R.T. -0.07 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion: 93 Resp: 4399308

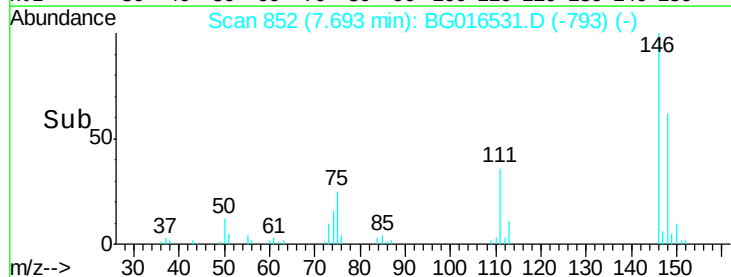
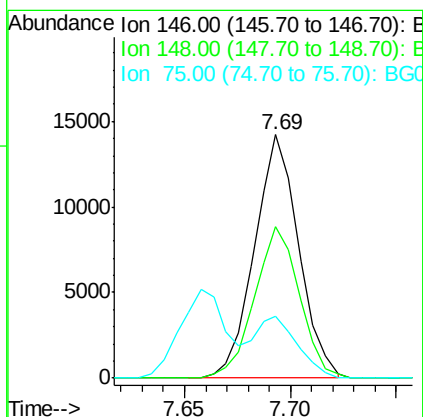
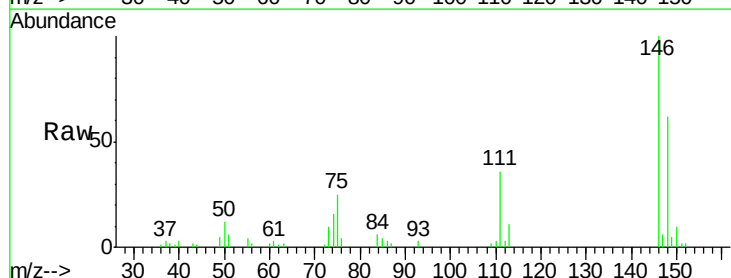
Ion	Ratio	Lower	Upper
93	100		
63	9.0	44.1	84.1#
95	0.4	12.5	52.5#

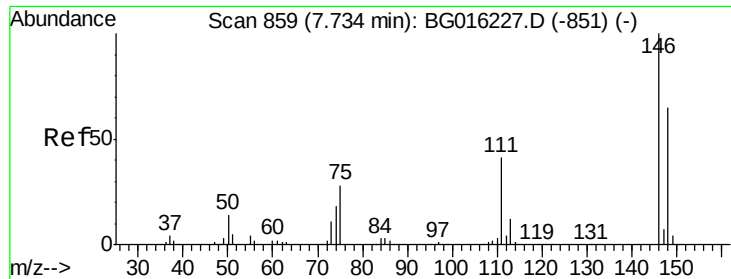


#12
1,3-Dichlorobenzene
Concen: 3.54 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.15 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion: 146 Resp: 20664

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.9	76.3
75	25.3	23.3	34.9

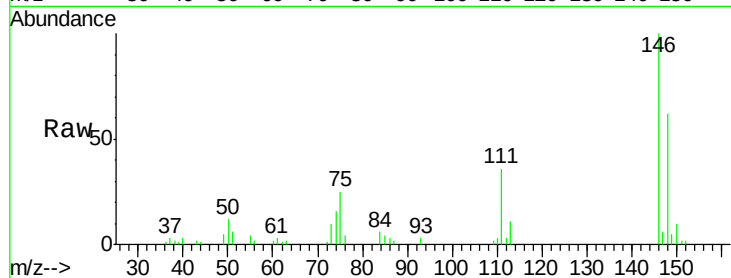




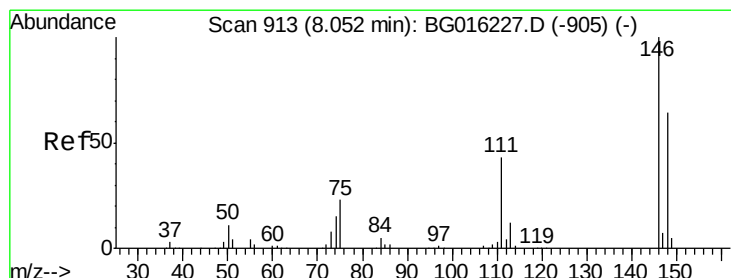
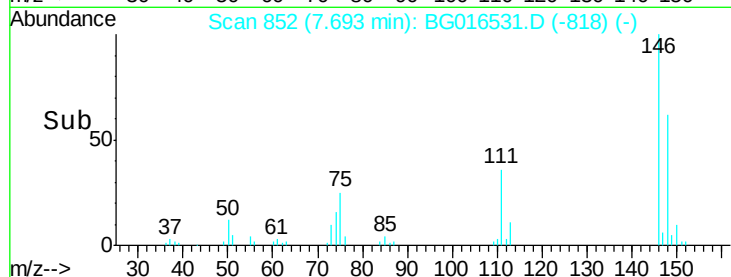
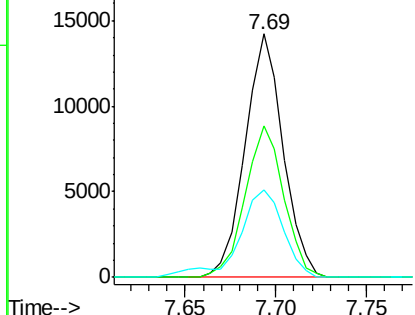
#13
 1,4-Dichlorobenzene
 Concen: 3.41 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016531.D
 Acq: 18 Apr 2015 21:23

Instrument :
 BNA_G
 ClientSampleId :
 EFFWW

Tgt Ion:146 Resp: 20663
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.0 78.0
 111 36.2 32.6 49.0

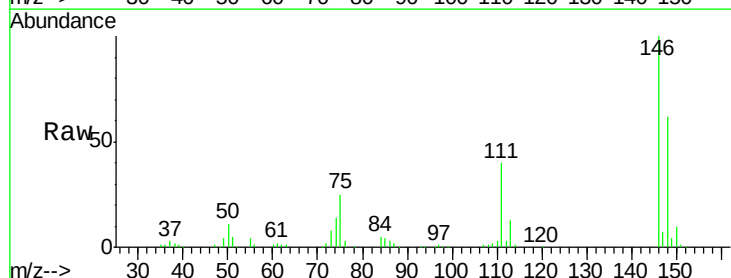


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

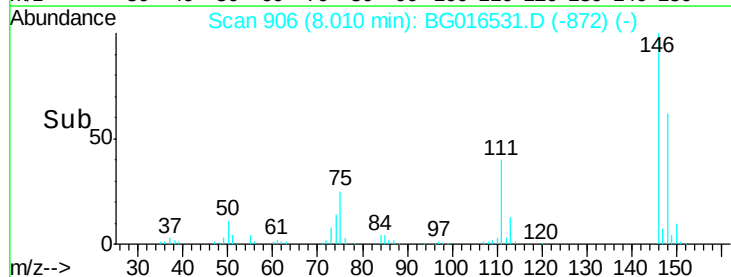
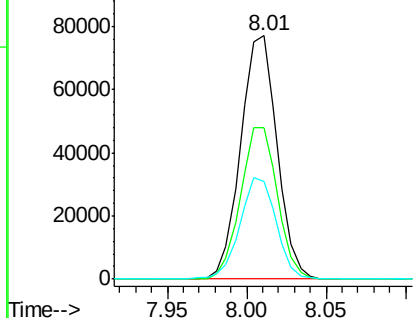


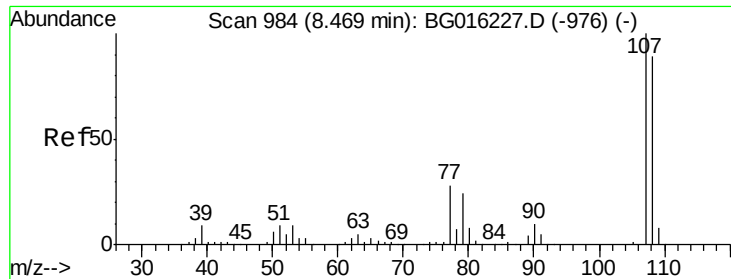
#14
 1,2-Dichlorobenzene
 Concen: 21.17 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG016531.D
 Acq: 18 Apr 2015 21:23

Tgt Ion:146 Resp: 122729
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.9 76.3
 111 40.2 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

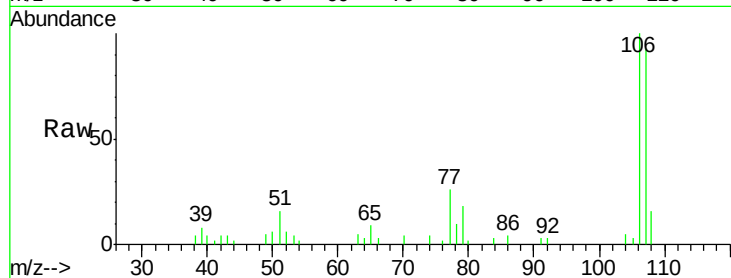




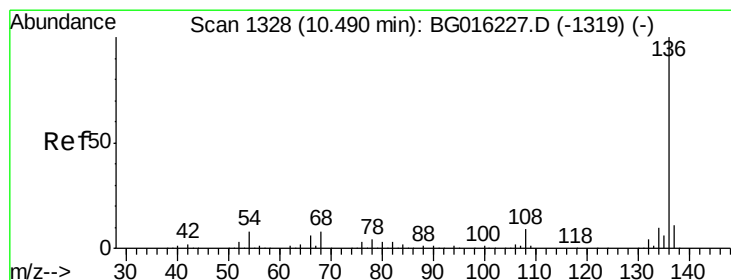
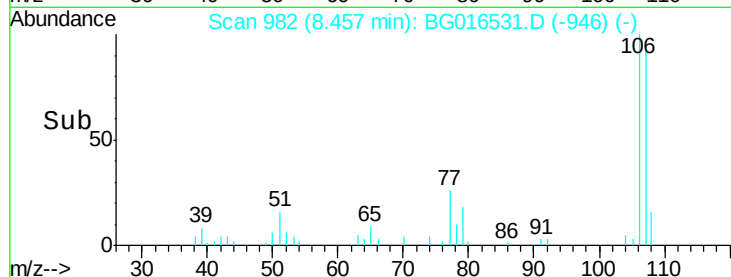
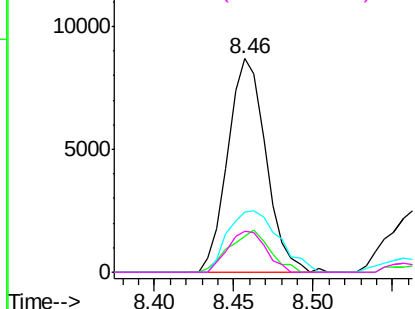
#20
3+4-Methylphenols
Concen: 2.01 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:107 Resp: 14468
Ion Ratio Lower Upper
107 100
108 16.7 69.5 109.5#
77 28.0 8.2 48.2
79 19.0 3.8 43.8

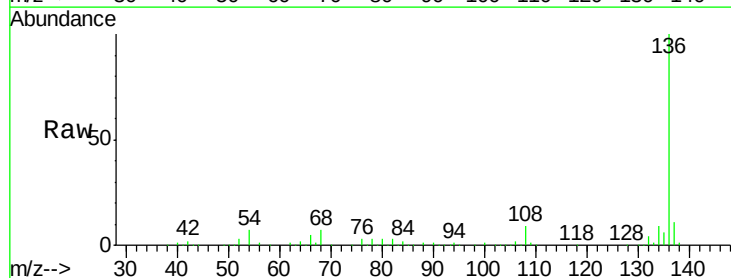


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

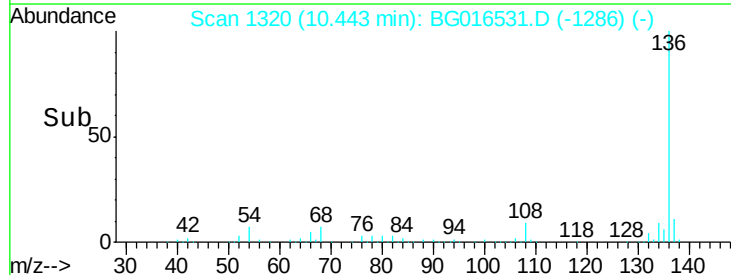
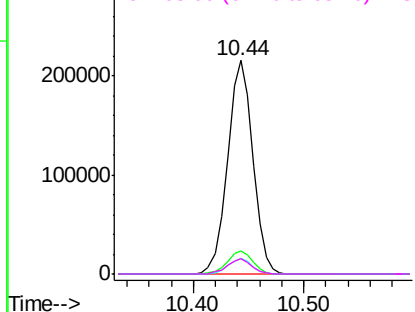


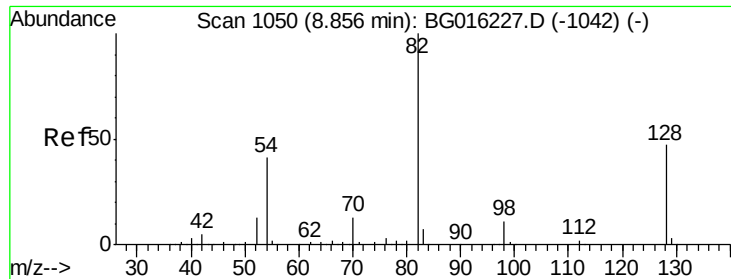
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:136 Resp: 345279
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.0 6.3 9.5
68 7.1 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

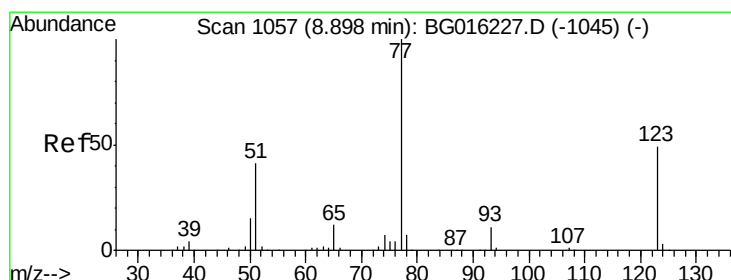
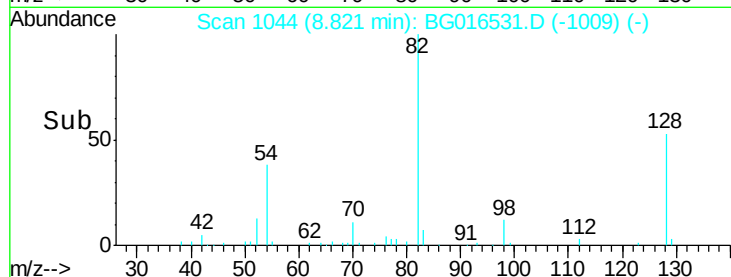
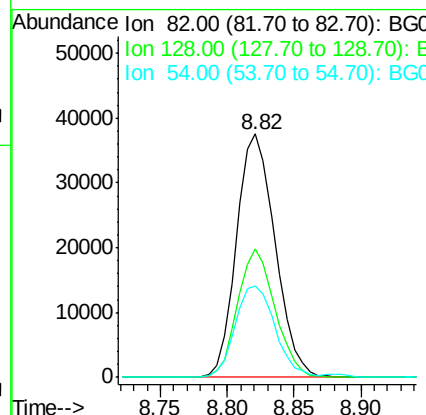
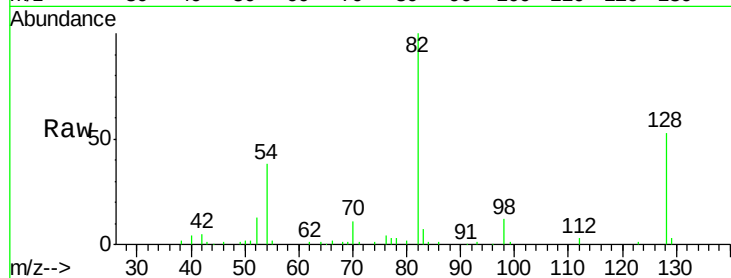




#23
 Nitrobenzene-d5
 Concen: 12.65 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG016531.D
 Acq: 18 Apr 2015 21:23

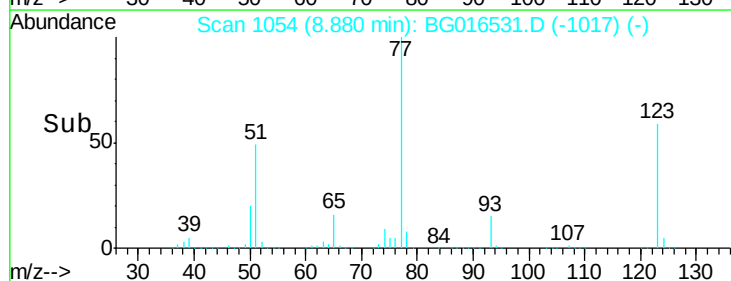
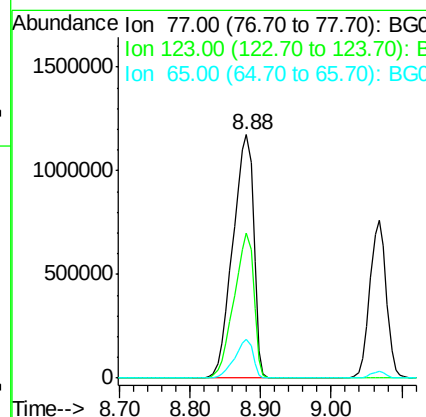
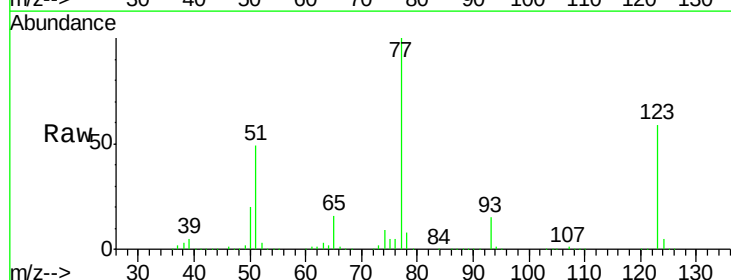
Instrument :
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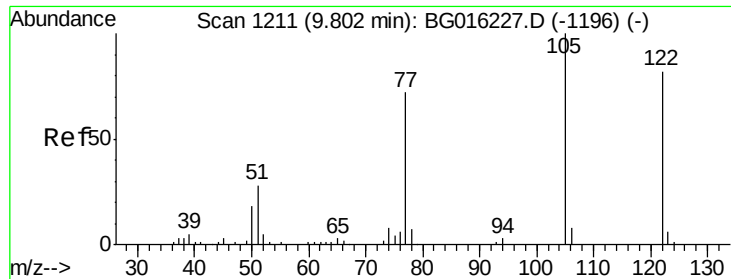
Tgt Ion: 82 Resp: 75381
 Ion Ratio Lower Upper
 82 100
 128 52.8 37.8 56.8
 54 37.6 32.6 49.0



#24
 Nitrobenzene
 Concen: 377.87 ng
 RT: 8.88 min Scan# 1054
 Delta R.T. 0.02 min
 Lab File: BG016531.D
 Acq: 18 Apr 2015 21:23

Tgt Ion: 77 Resp: 2408437
 Ion Ratio Lower Upper
 77 100
 123 59.4 38.8 58.2#
 65 15.9 9.4 14.2#

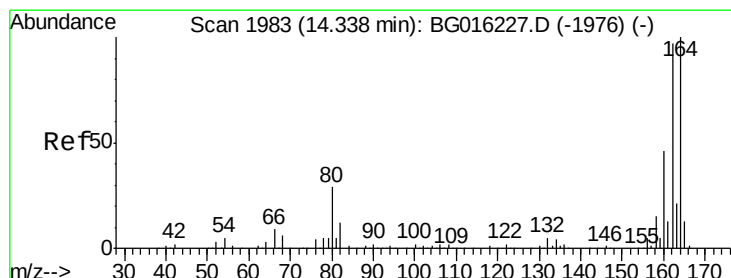
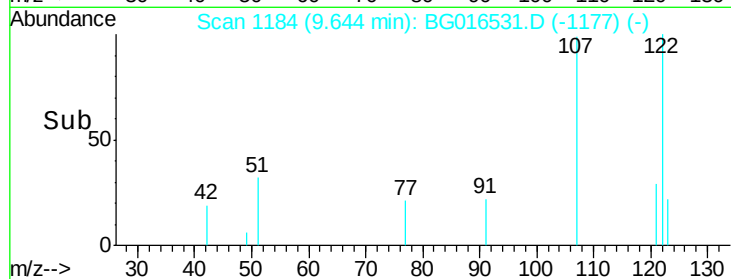
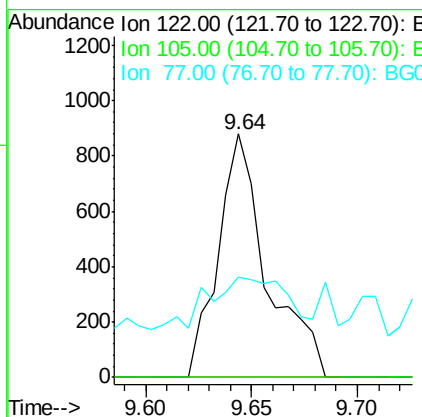
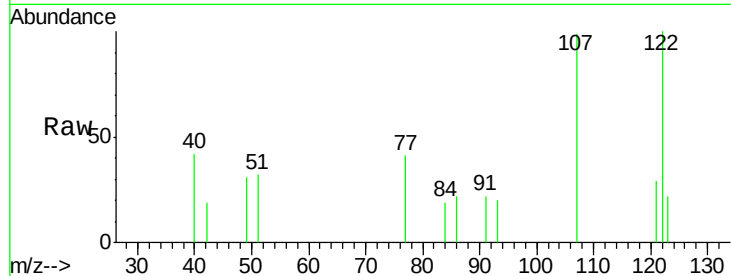




#32
Benzoic acid
Concen: 9.05 ng
RT: 9.64 min Scan# 1184
Delta R.T. -0.16 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

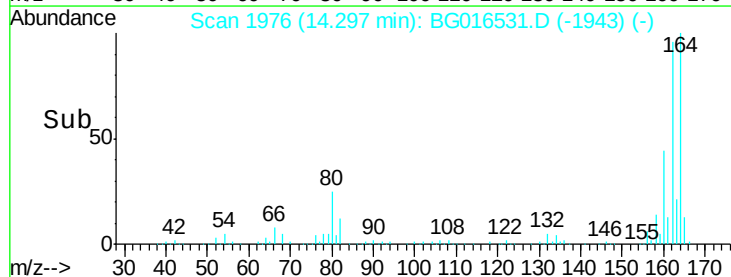
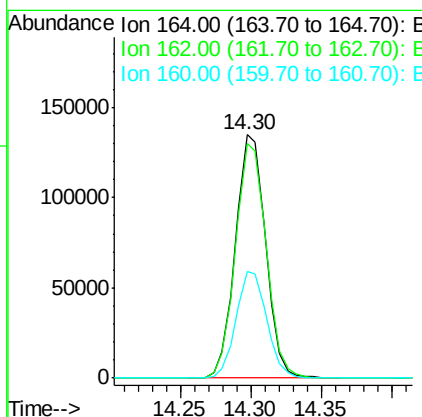
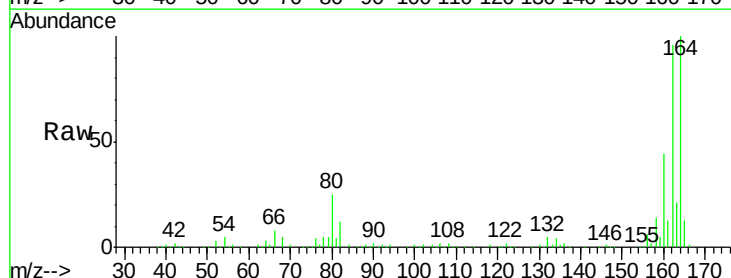
Instrument :
BNA_G
ClientSampleId :
EFFWW

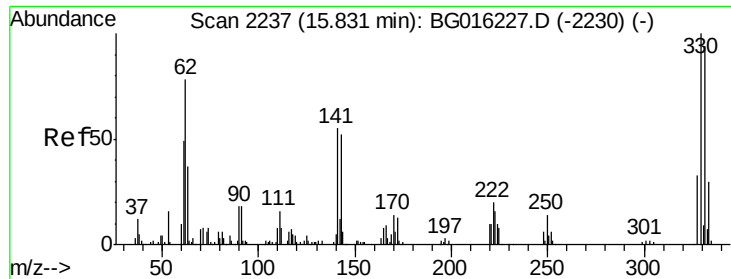
Tgt Ion:122 Resp: 1408
Ion Ratio Lower Upper
122 100
105 0.0 99.7 139.7#
77 41.1 66.8 106.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:164 Resp: 201071
Ion Ratio Lower Upper
164 100
162 96.4 77.3 115.9
160 43.6 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 12.96 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

Instrument :

BNA_G

ClientSampleId :

EFFWW

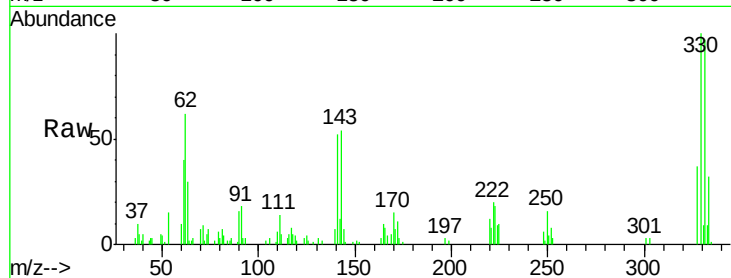
Tgt Ion:330 Resp: 17630

Ion Ratio Lower Upper

330 100

332 98.0 75.8 113.6

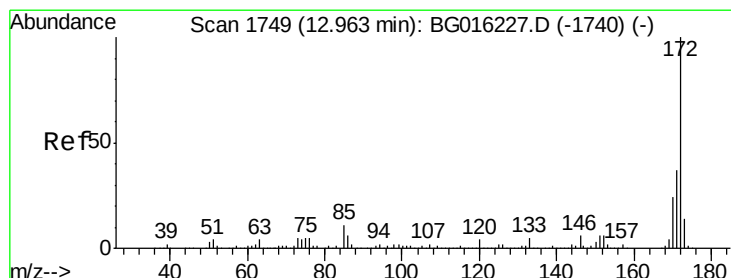
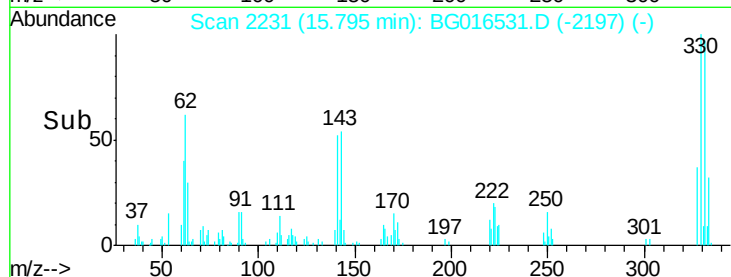
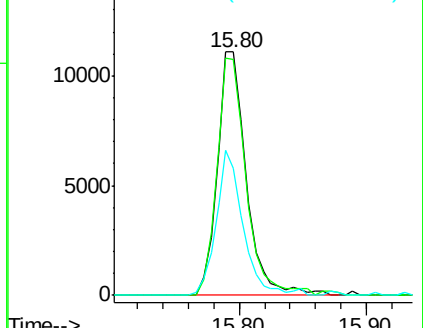
141 55.4 46.6 69.8



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: 14.54 ng

RT: 12.92 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

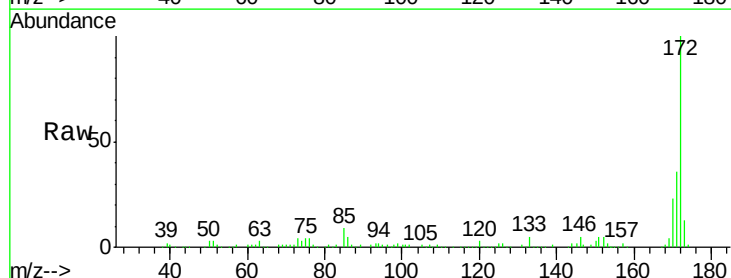
Tgt Ion:172 Resp: 171771

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

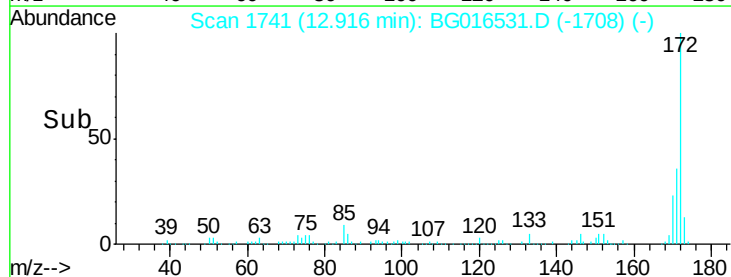
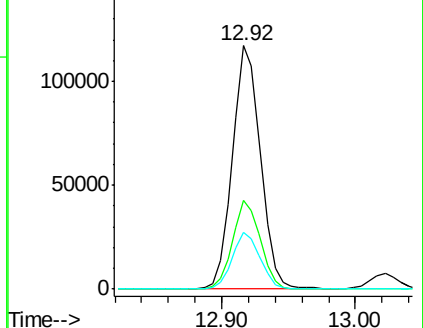
170 23.4 19.4 29.2

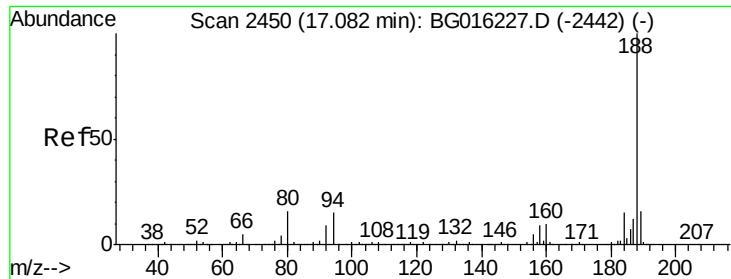


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

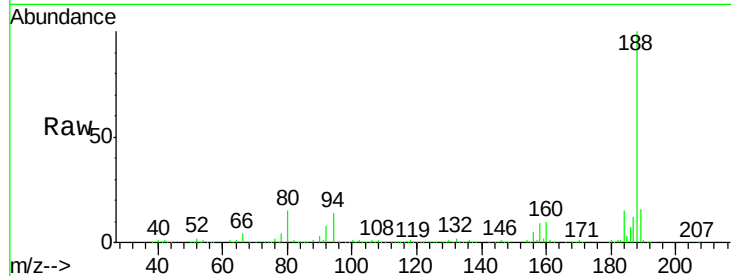




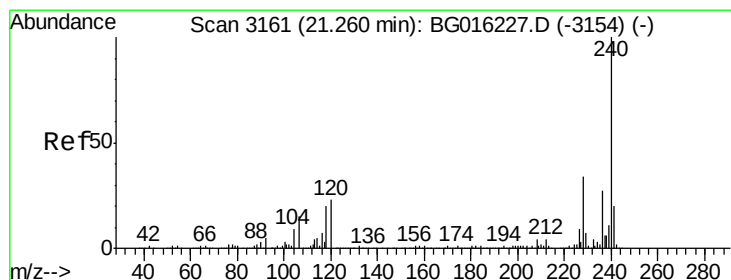
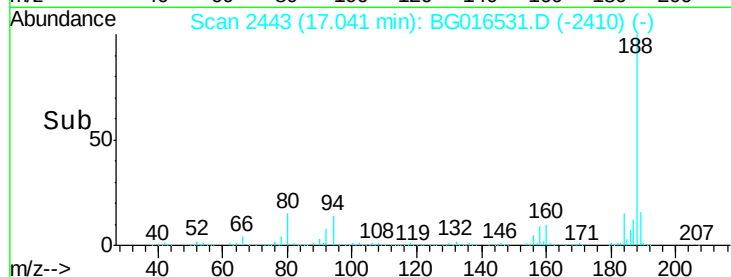
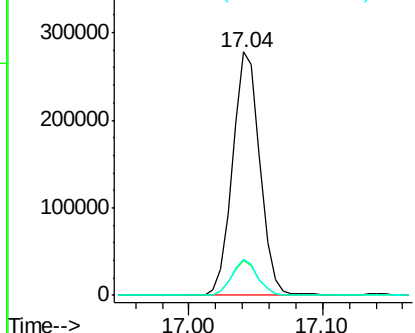
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:188 Resp: 396780
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 14.9 12.8 19.2

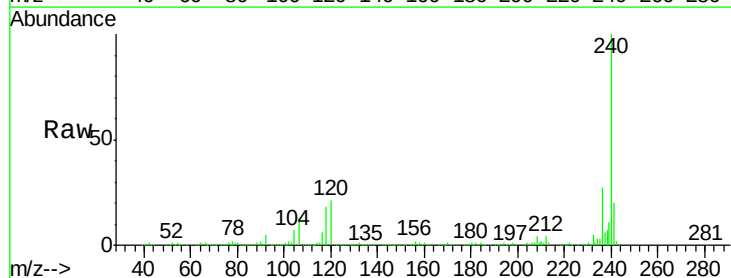


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

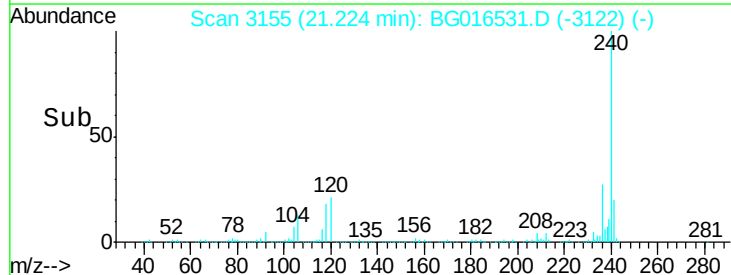
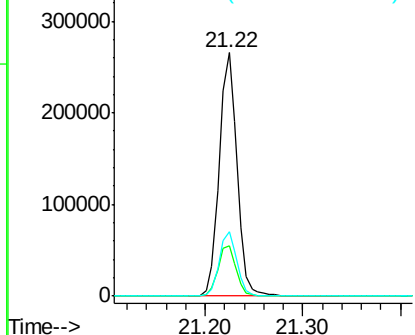


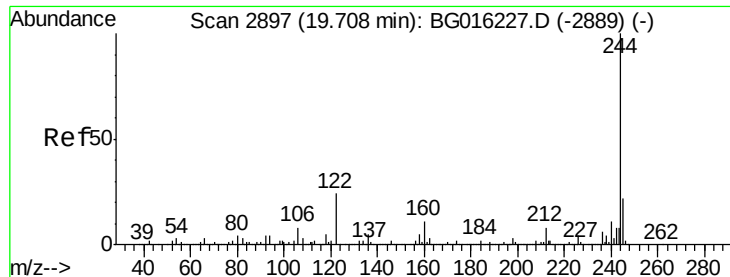
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:240 Resp: 336995
Ion Ratio Lower Upper
240 100
120 20.7 18.6 28.0
236 26.6 21.7 32.5



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: 12.65 ng

RT: 19.67 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

Instrument :

BNA_G

ClientSampleId :

EFFWW

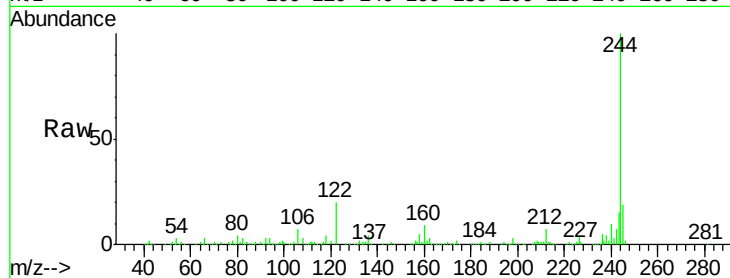
Tgt Ion:244 Resp: 182110

Ion Ratio Lower Upper

244 100

212 6.9 6.6 9.8

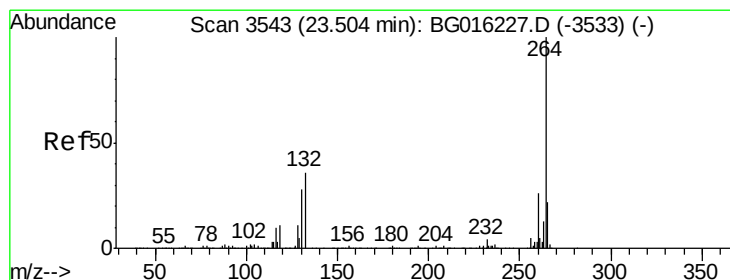
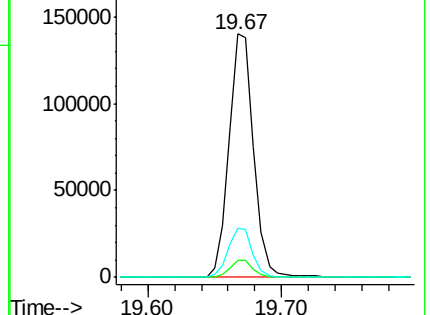
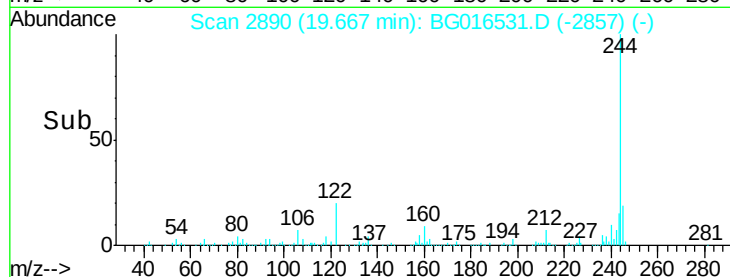
122 20.0 19.1 28.7



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: 23.45 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG016531.D

Acq: 18 Apr 2015 21:23

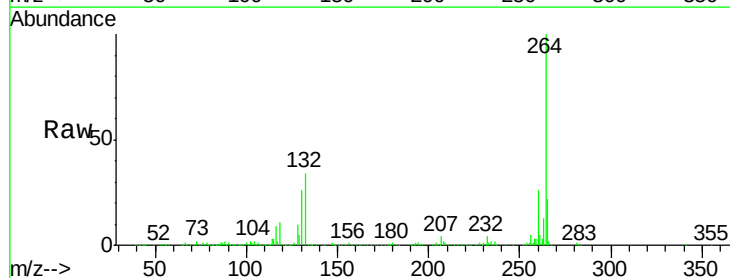
Tgt Ion:264 Resp: 313285

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 21.7 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

