

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016316.D
 Acq On : 10 Apr 2015 7:48
 Operator : TP/IZ
 Sample : G1805-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: Apr 10 08:40:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

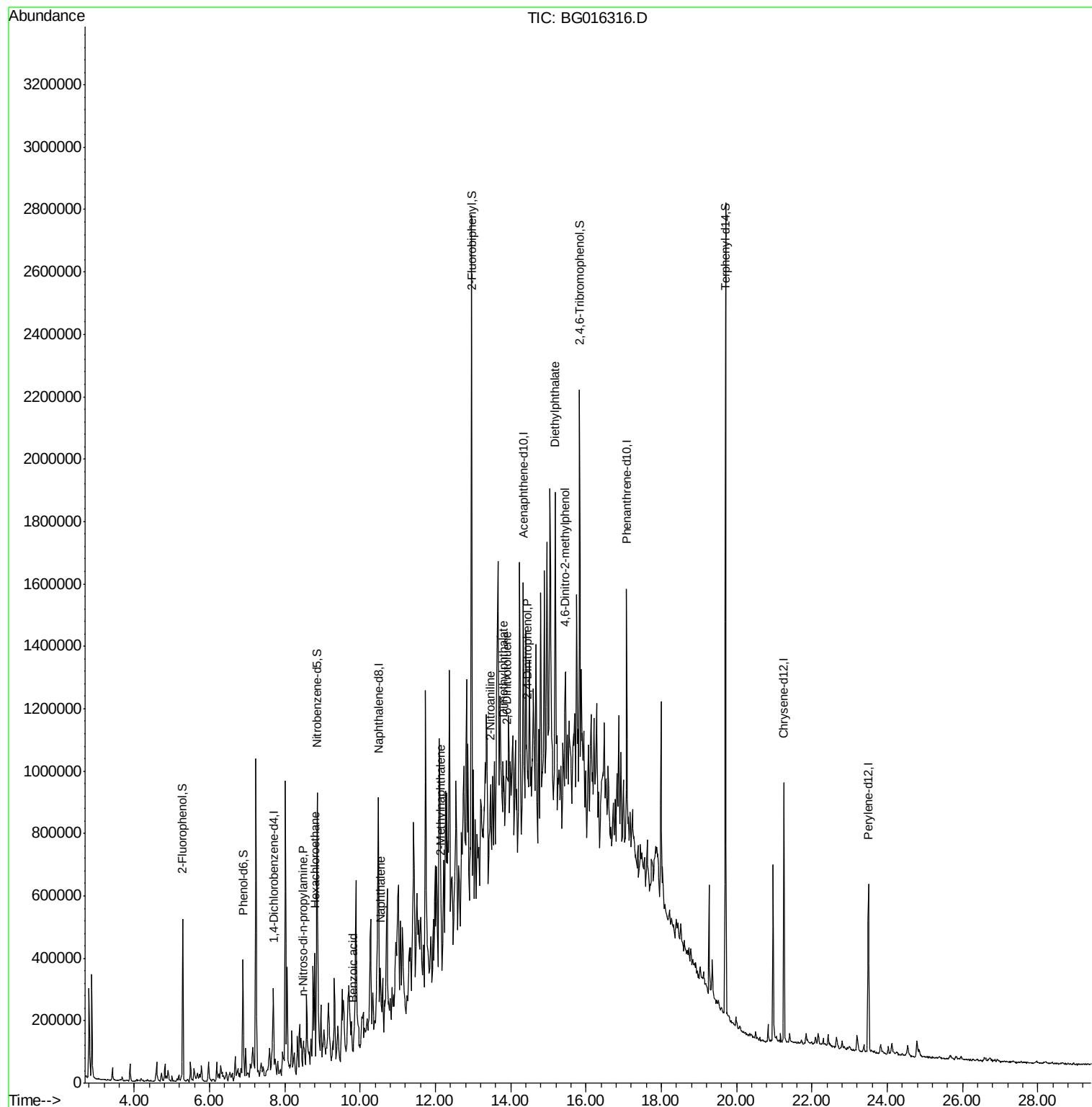
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	75256	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	360859	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	219495	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	405385	20.00	ng	0.00
75) Chrysene-d12	21.26	240	336765	20.00	ng	0.00
86) Perylene-d12	23.51	264	312033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	247905	51.99	ng	0.00
7) Phenol-d6	6.88	99	235224	32.86	ng	0.01
23) Nitrobenzene-d5	8.85	82	482527	77.46	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	169843	114.42	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1016205	78.83	ng	0.00
78) Terphenyl-d14	19.71	244	940487	65.36	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	43692	19.04	ng	# 1
19) n-Nitroso-di-n-propylamine	8.49	70	25792	5.03	ng	# 73
31) Naphthalene	10.53	128	77640	4.13	ng	# 89
32) Benzoic acid	9.82	122	1116	8.97	ng	# 60
37) 2-Methylnaphthalene	12.15	142	34056	2.52	ng	# 95
47) 2-Nitroaniline	13.46	65	12581	3.04	ng	# 38
49) Dimethylphthalate	13.80	163	77649	4.83	ng	# 90
50) 2,6-Dinitrotoluene	13.91	165	9418	2.42	ng	# 65
53) 2,4-Dinitrophenol	14.43	184	133	8.31	ng	# 1
59) Diethylphthalate	15.18	149	36435	2.13	ng	# 56
64) 4,6-Dinitro-2-methylphenol	15.45	198	167	3.94	ng	# 1

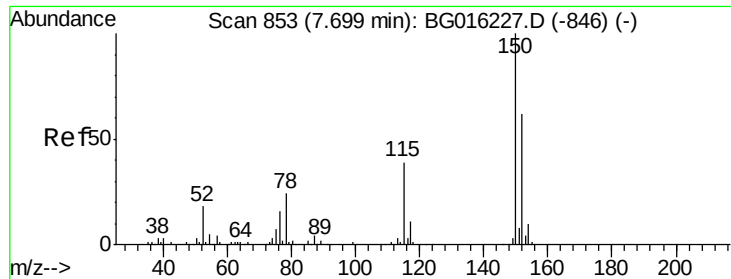
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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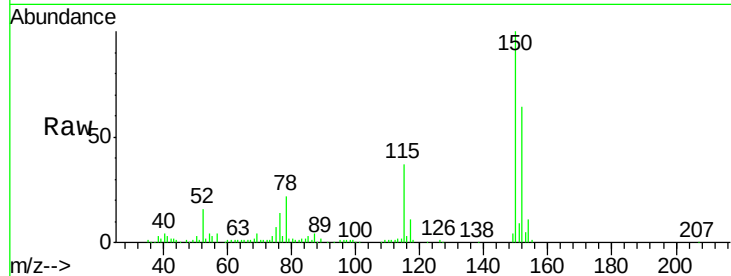


#1

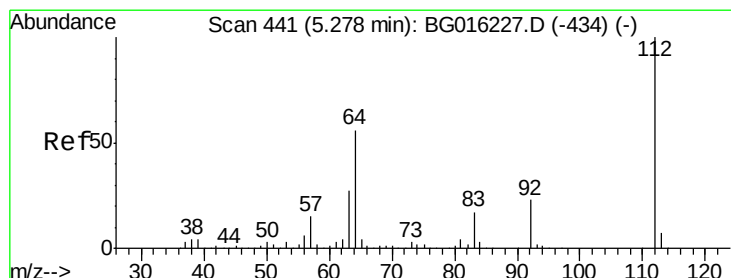
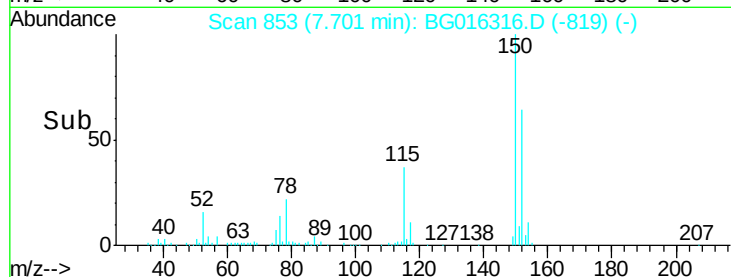
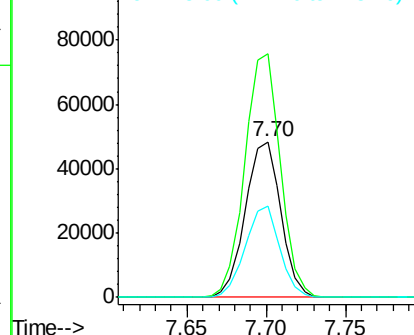
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Instrument :
BNA_F
ClientSampled :
MW-30

Tgt Ion:152 Resp: 75256
Ion Ratio Lower Upper
152 100
150 156.8 130.1 195.1
115 58.4 50.5 75.7



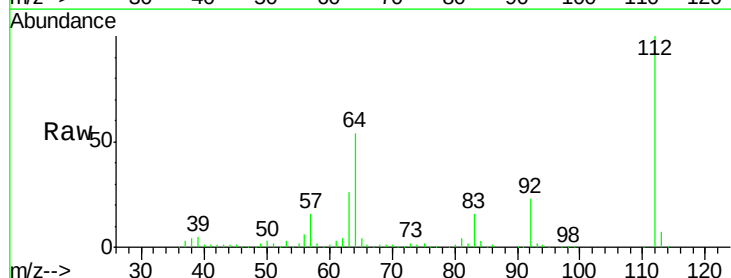
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



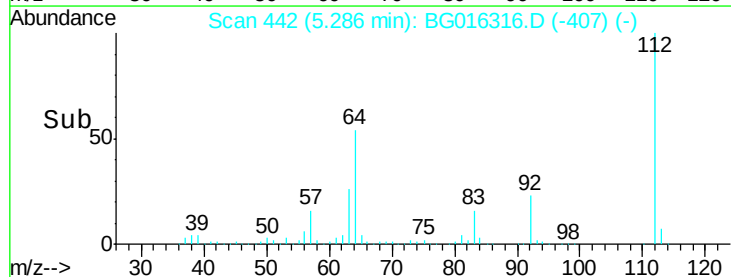
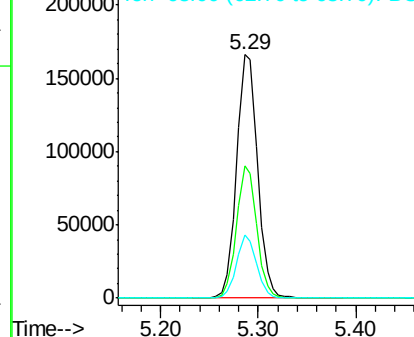
#5

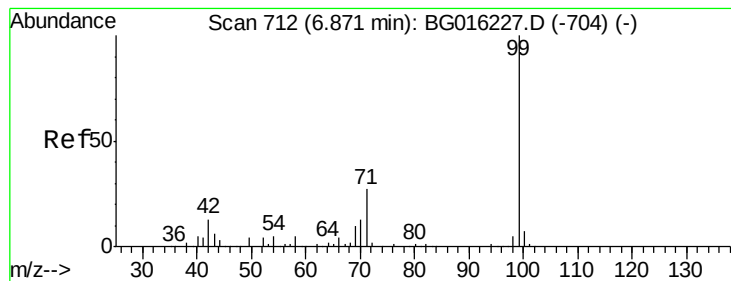
2-Fluorophenol
Concen: 51.99 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Tgt Ion:112 Resp: 247905
Ion Ratio Lower Upper
112 100
64 54.1 44.5 66.7
63 25.9 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





#7

Phenol-d6

Concen: 32.86 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

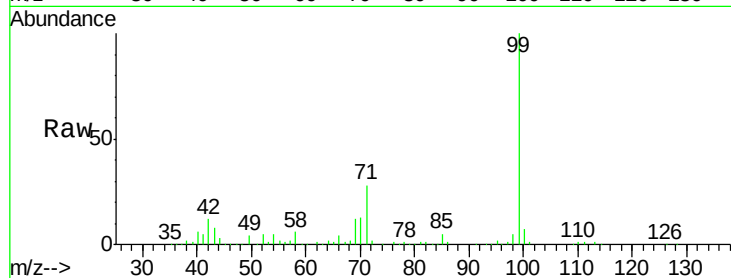
Tgt Ion: 99 Resp: 235224

Ion Ratio Lower Upper

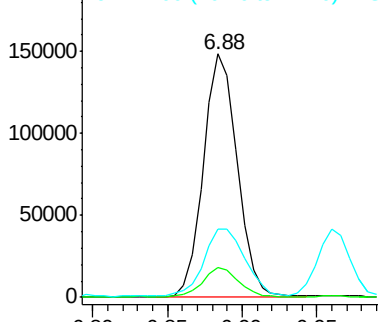
99 100

42 12.5 10.0 15.0

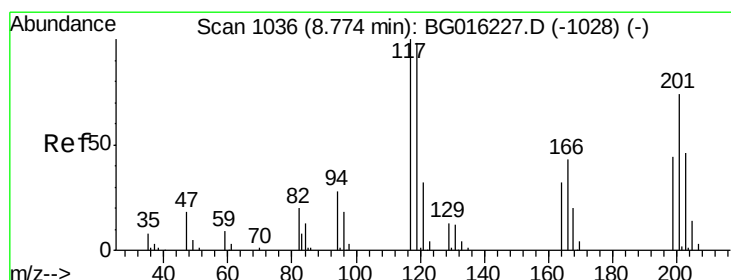
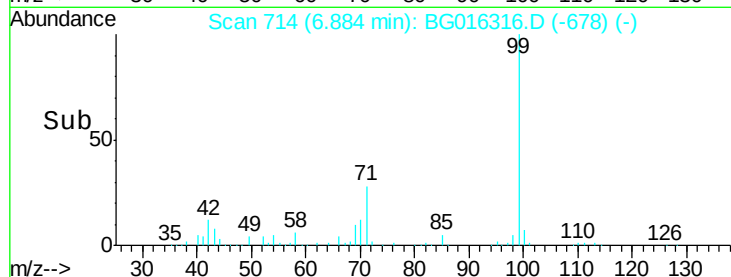
71 28.0 21.5 32.3



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-->



#18

Hexachloroethane

Concen: 19.04 ng

RT: 8.80 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

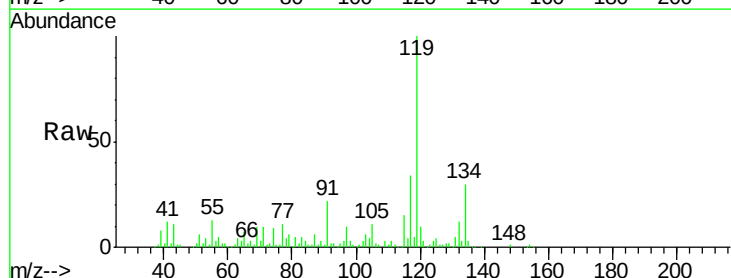
Tgt Ion: 117 Resp: 43692

Ion Ratio Lower Upper

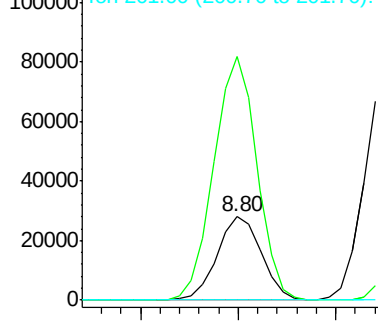
117 100

119 292.4 78.8 118.2#

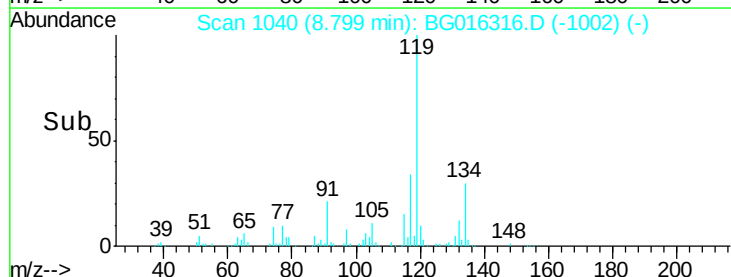
201 0.0 59.0 88.4#

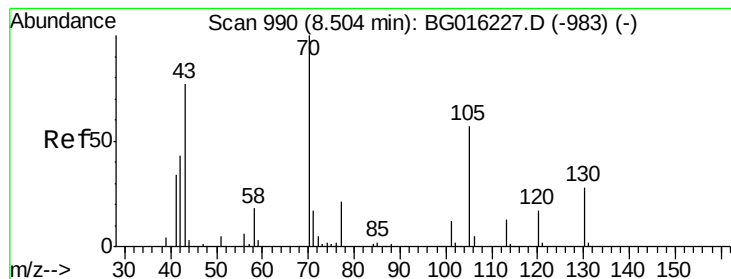


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 5.03 ng

RT: 8.49 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

Tgt Ion: 70 Resp: 25792

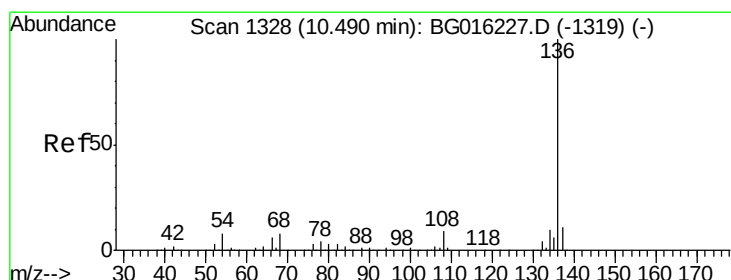
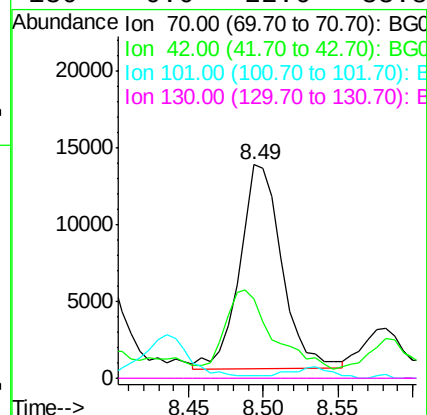
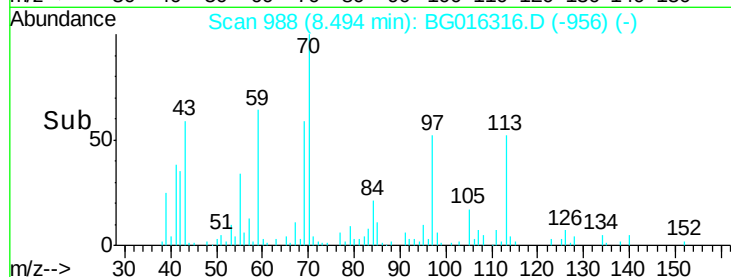
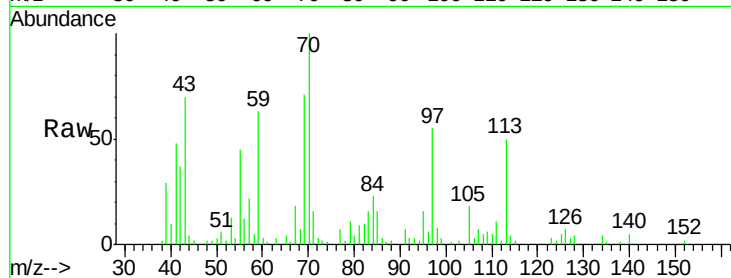
Ion Ratio Lower Upper

70 100

42 36.9 34.7 52.1

101 1.2 9.2 13.8#

130 0.0 22.6 33.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Tgt Ion: 136 Resp: 360859

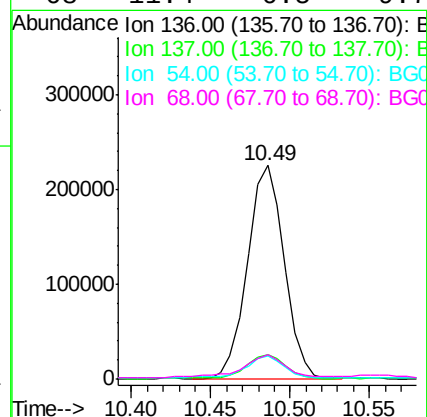
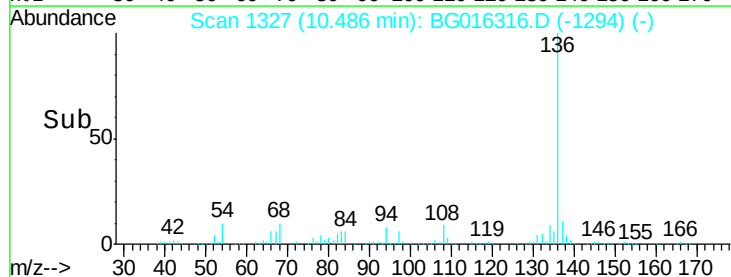
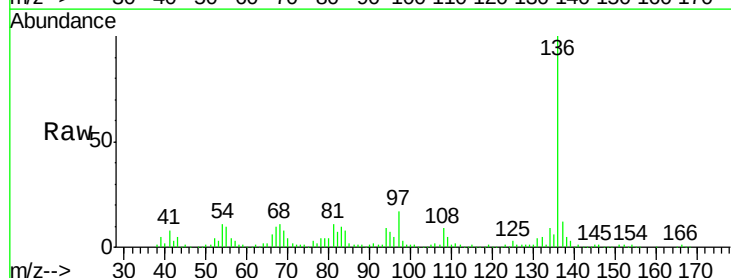
Ion Ratio Lower Upper

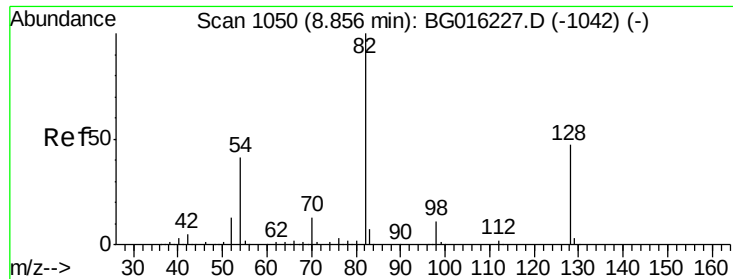
136 100

137 11.6 8.7 13.1

54 10.6 6.3 9.5#

68 11.4 6.5 9.7#

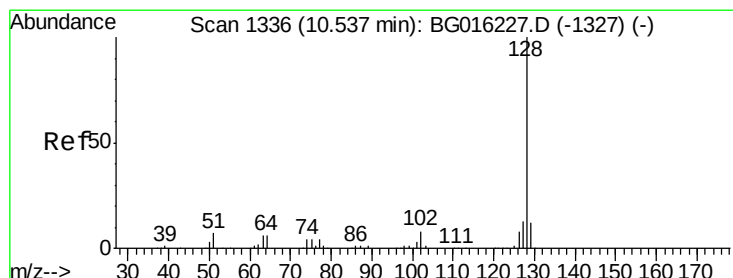
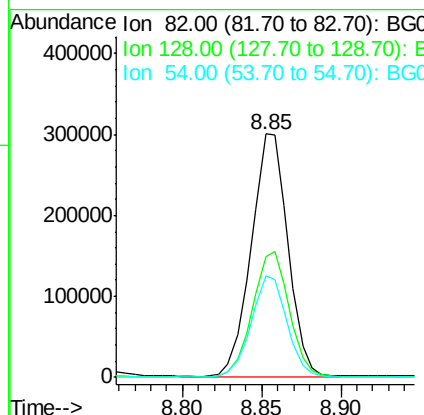
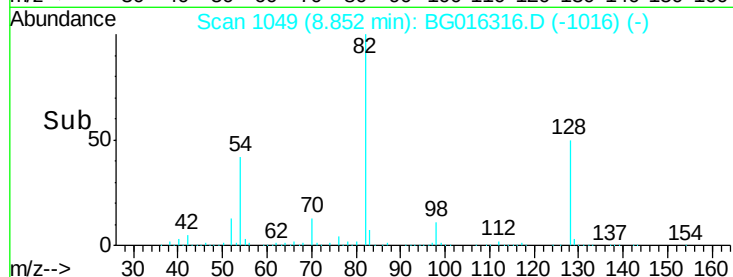
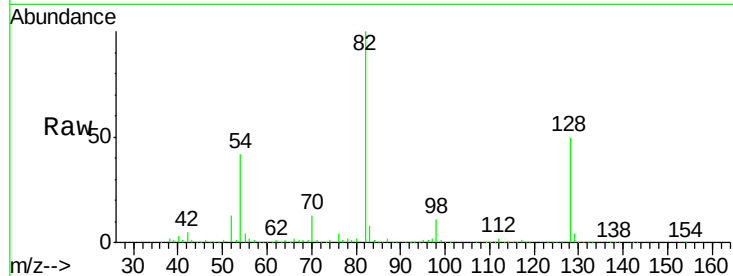




#23
 Nitrobenzene-d5
 Concen: 77.46 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016316.D
 Acq: 10 Apr 2015 7:48

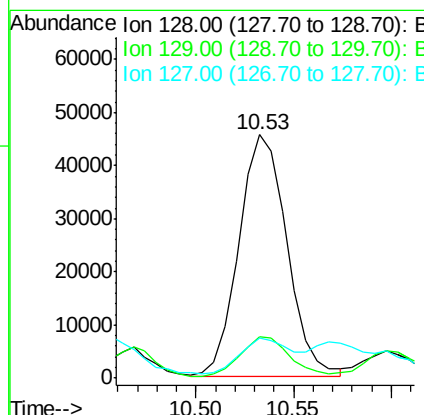
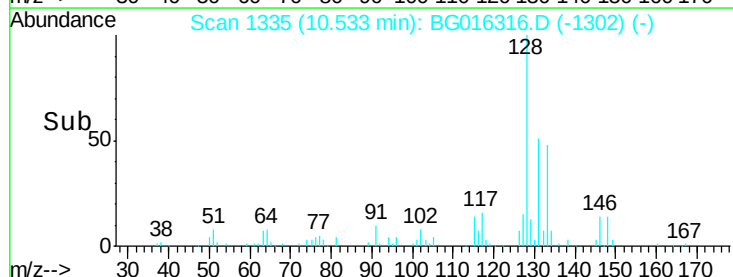
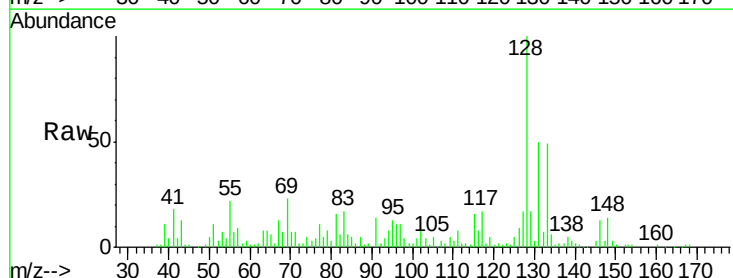
Instrument :
 BNA_F
 ClientSampled :
 MW-30

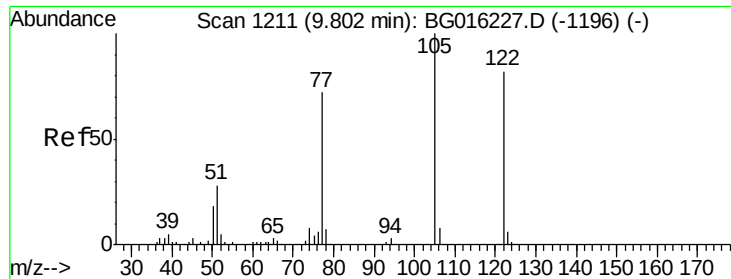
Tgt Ion: 82 Resp: 482527
 Ion Ratio Lower Upper
 82 100
 128 49.7 37.8 56.8
 54 41.9 32.6 49.0



#31
 Naphthalene
 Concen: 4.13 ng
 RT: 10.53 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BG016316.D
 Acq: 10 Apr 2015 7:48

Tgt Ion: 128 Resp: 77640
 Ion Ratio Lower Upper
 128 100
 129 17.1 9.2 13.8#
 127 16.5 10.6 16.0#





#32

Benzoic acid

Concen: 8.97 ng

RT: 9.82 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

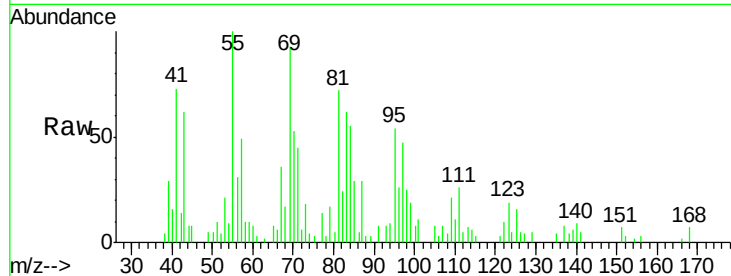
Tgt Ion:122 Resp: 1116

Ion Ratio Lower Upper

122 100

105 81.9 99.7 139.7#

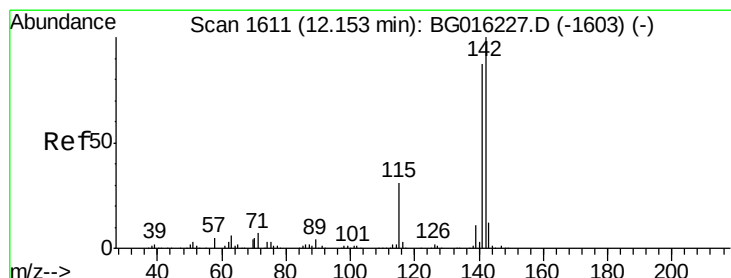
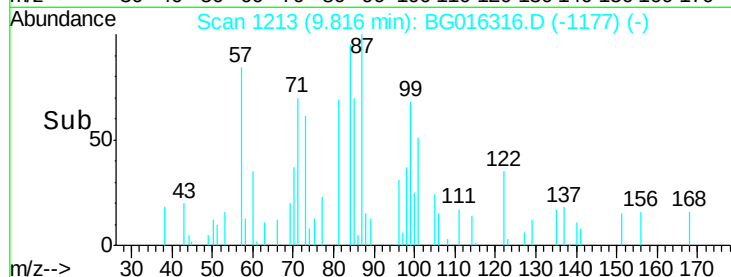
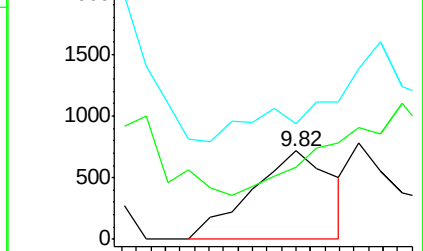
77 130.3 66.8 106.8#



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): B



#37

2-Methylnaphthalene

Concen: 2.52 ng

RT: 12.15 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

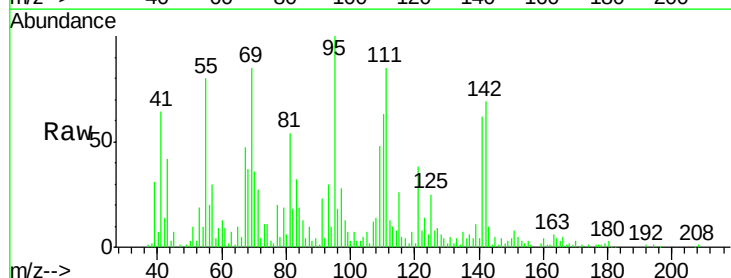
Tgt Ion:142 Resp: 34056

Ion Ratio Lower Upper

142 100

141 88.8 69.3 103.9

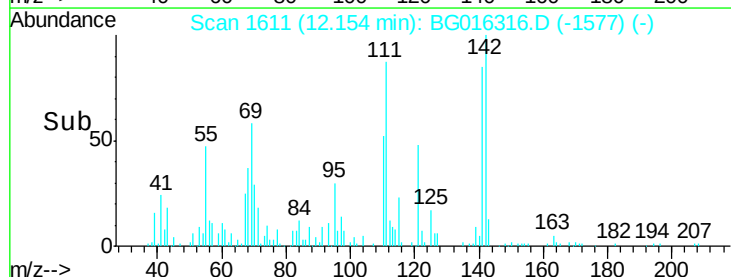
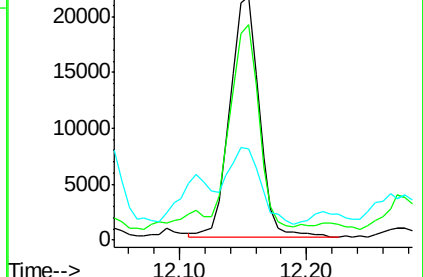
115 37.3 25.0 37.6

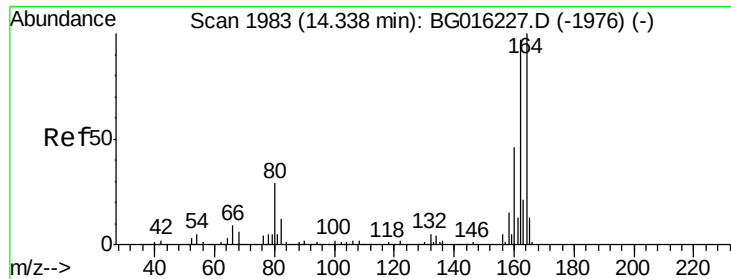


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

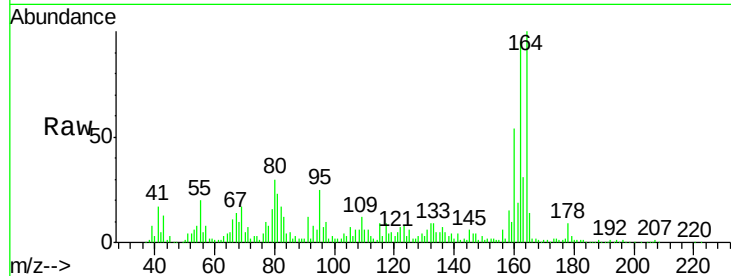
Tgt Ion:164 Resp: 219495

Ion Ratio Lower Upper

164 100

162 95.0 77.3 115.9

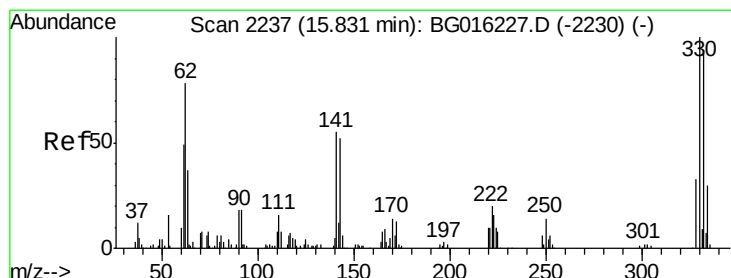
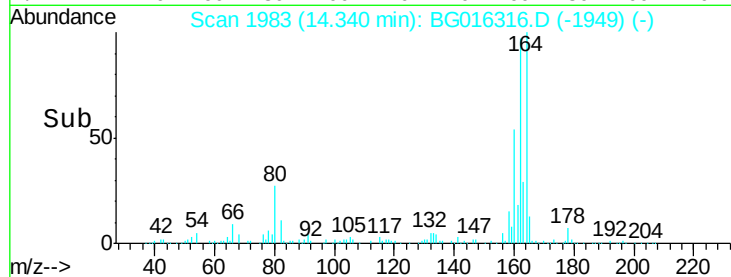
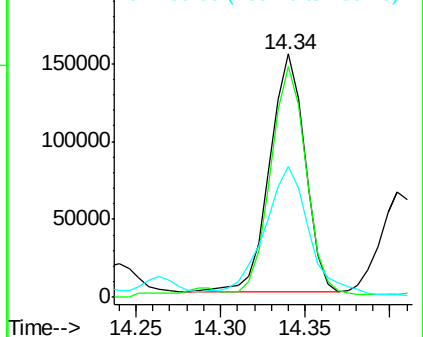
160 53.7 36.7 55.1



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: 114.42 ng

RT: 15.84 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

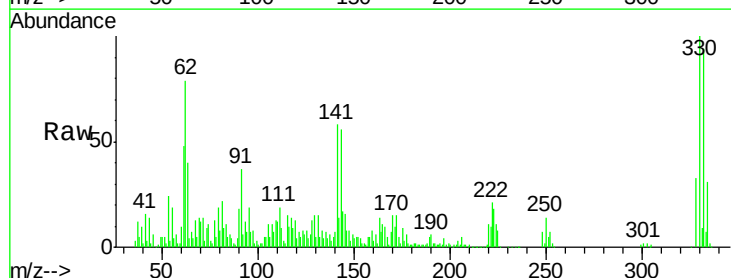
Tgt Ion:330 Resp: 169843

Ion Ratio Lower Upper

330 100

332 95.2 75.8 113.6

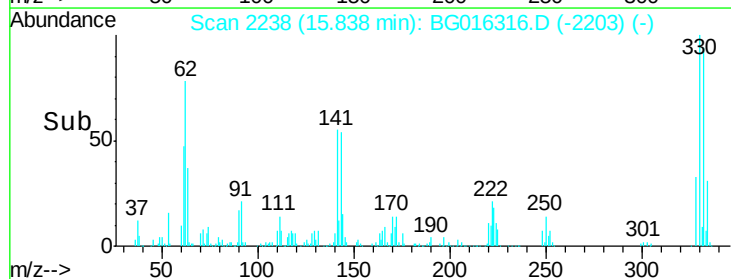
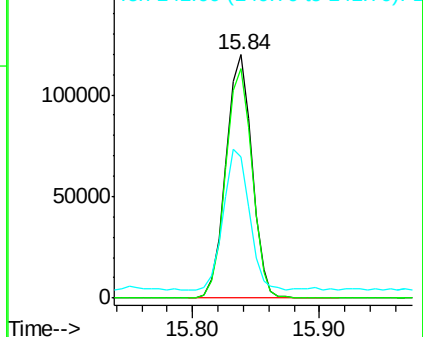
141 57.7 46.6 69.8

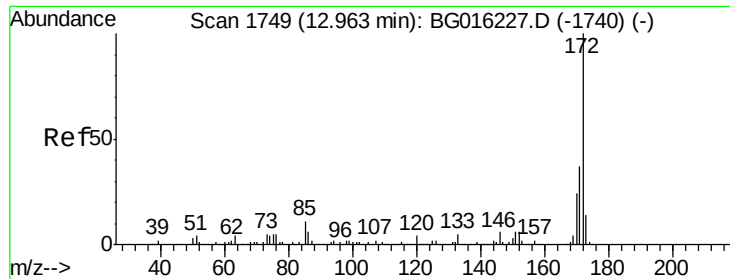


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

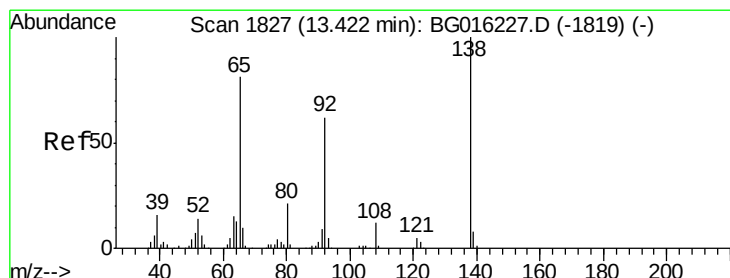
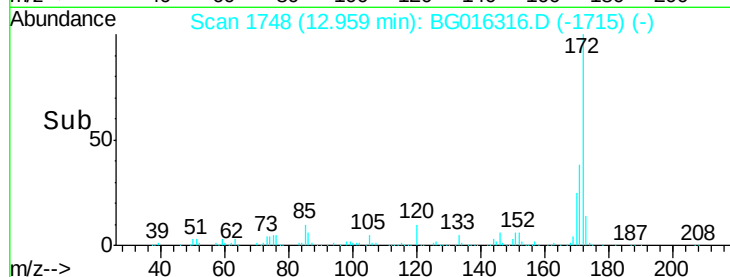
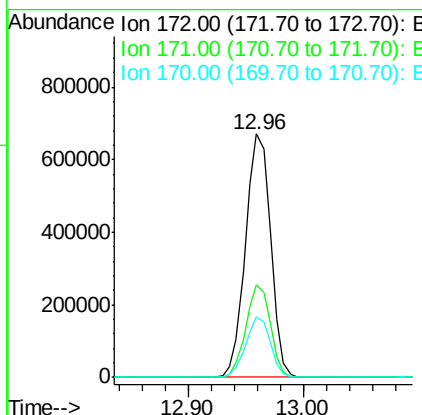
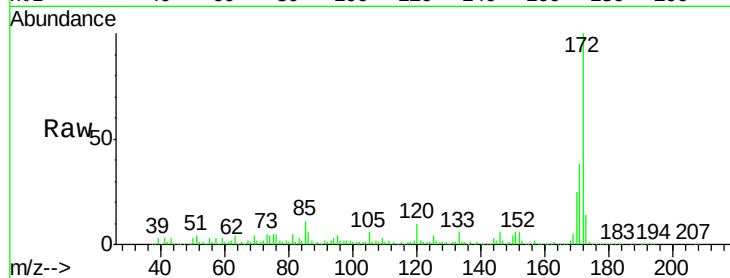




#44
 2-Fluorobiphenyl
 Concen: 78.83 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016316.D
 Acq: 10 Apr 2015 7:48

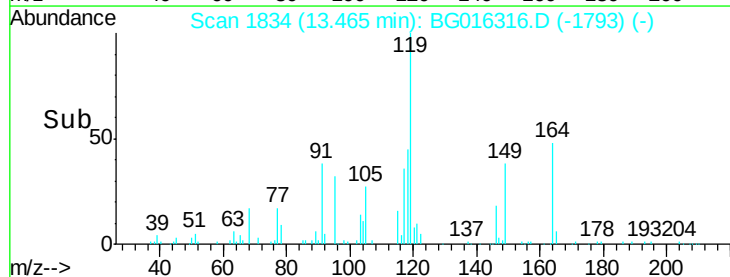
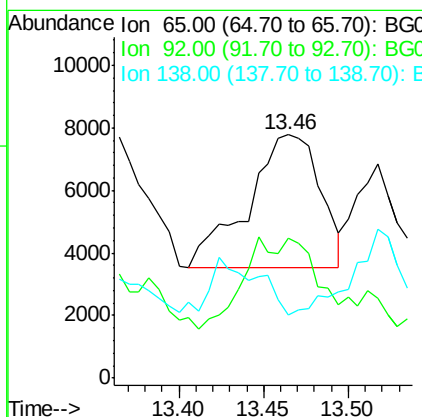
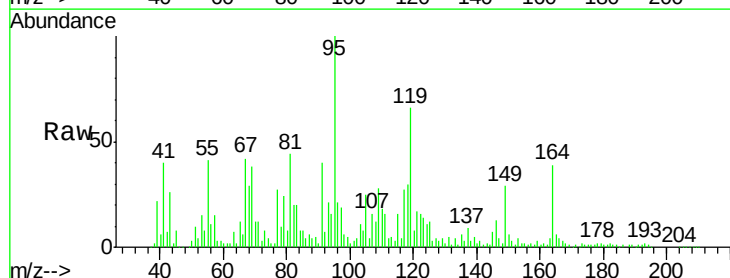
Instrument :
 BNA_F
 ClientSampleId :
 MW-30

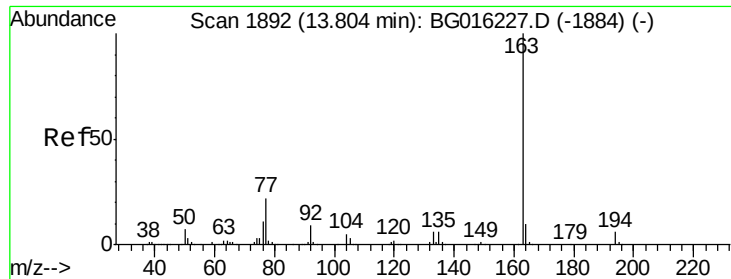
Tgt Ion: 172 Resp: 1016205
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.6 44.4
 170 24.9 19.4 29.2



#47
 2-Nitroaniline
 Concen: 3.04 ng
 RT: 13.46 min Scan# 1834
 Delta R.T. 0.04 min
 Lab File: BG016316.D
 Acq: 10 Apr 2015 7:48

Tgt Ion: 65 Resp: 12581
 Ion Ratio Lower Upper
 65 100
 92 57.7 61.0 91.6#
 138 25.8 98.7 148.1#





#49

Dimethylphthalate

Concen: 4.83 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

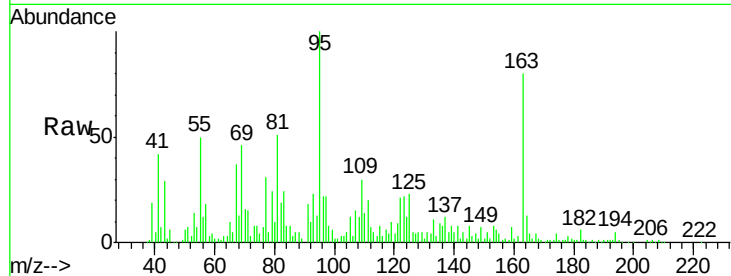
Tgt Ion:163 Resp: 77649

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

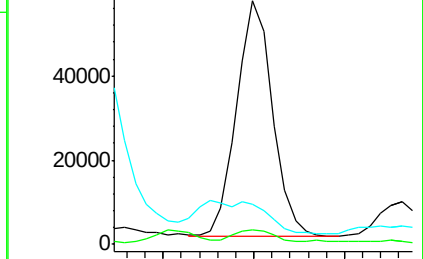
164 16.3 8.2 12.4#



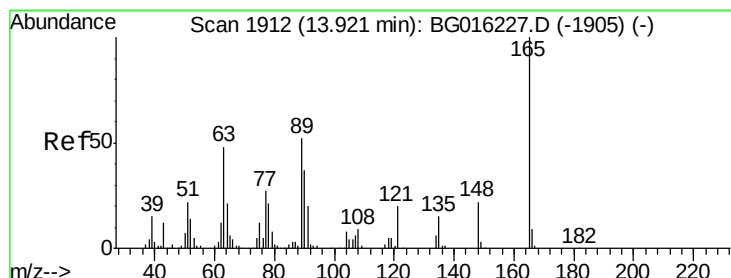
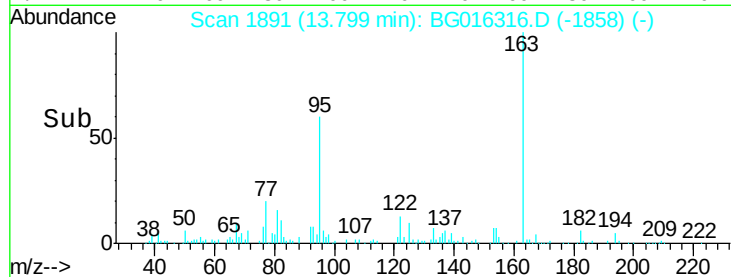
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#50

2,6-Dinitrotoluene

Concen: 2.42 ng

RT: 13.91 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

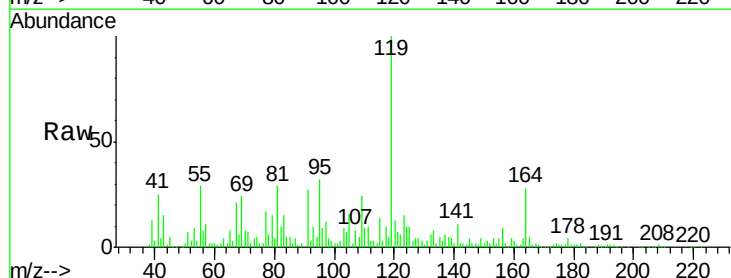
Tgt Ion:165 Resp: 9418

Ion Ratio Lower Upper

165 100

63 92.3 39.3 58.9#

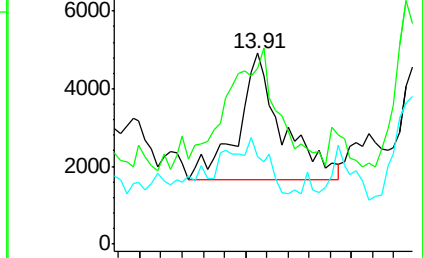
89 46.1 41.3 61.9



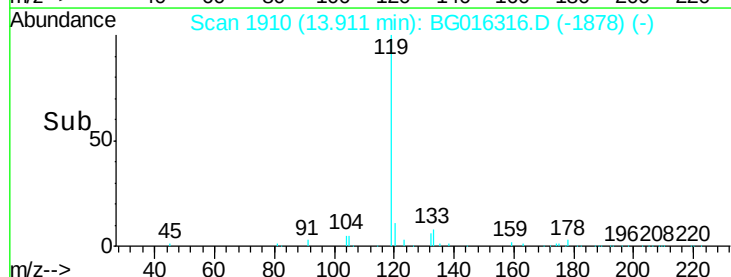
Abundance Ion 165.00 (164.70 to 165.70): E

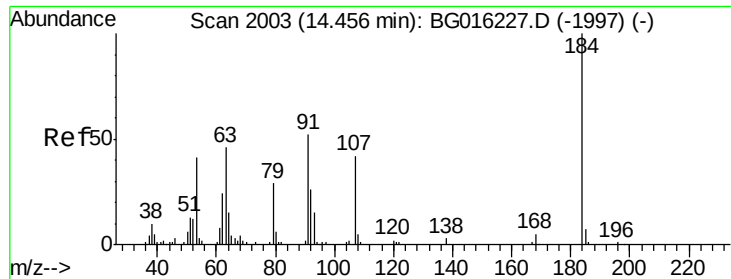
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time-->





#53

2,4-Dinitrophenol

Concen: 8.31 ng

RT: 14.43 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

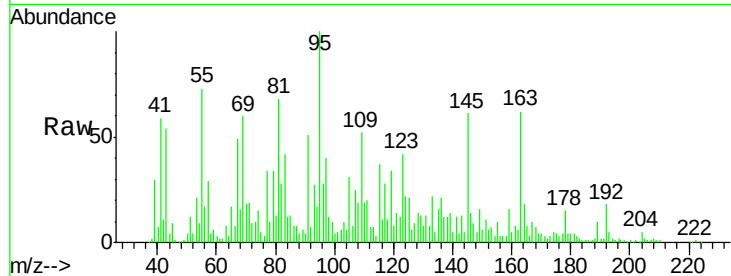
Tgt Ion:184 Resp: 133

Ion Ratio Lower Upper

184 100

63 997.4 45.8 68.6#

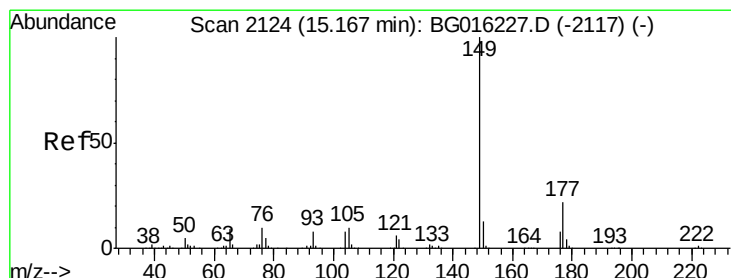
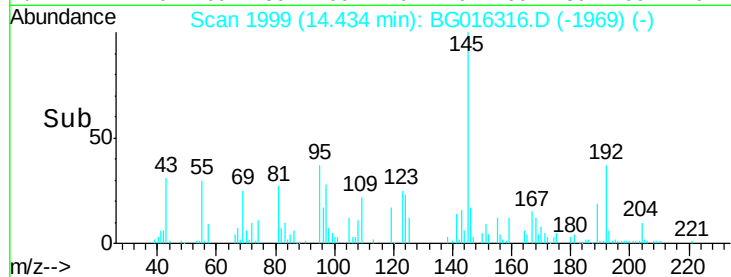
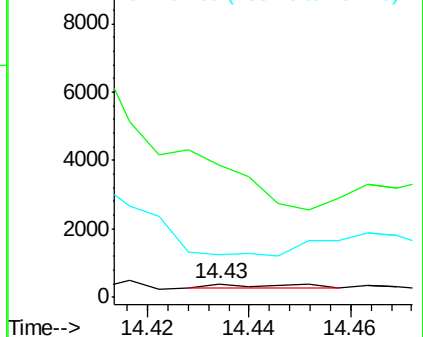
154 324.4 34.5 51.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG016316.D (-1969) (-)

Ion 154.00 (153.70 to 154.70): E



#59

Diethylphthalate

Concen: 2.13 ng

RT: 15.18 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

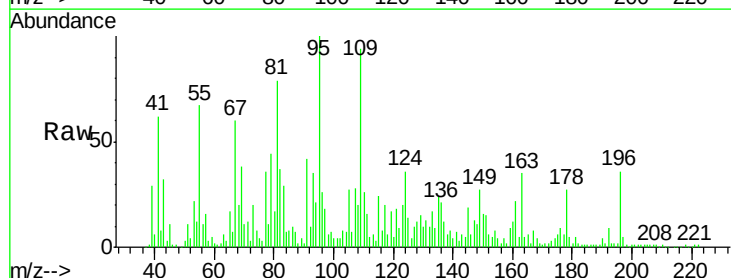
Tgt Ion:149 Resp: 36435

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

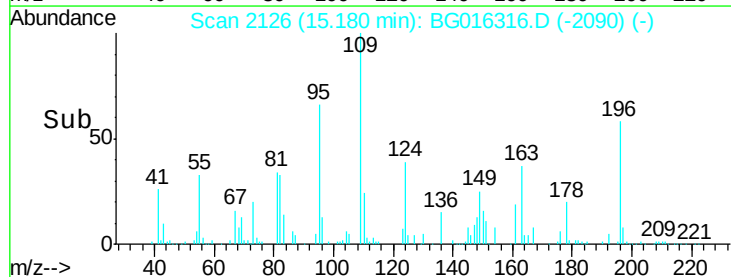
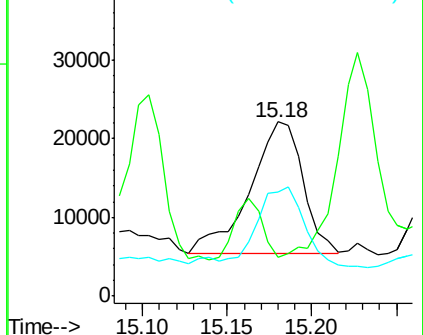
150 59.7 10.0 15.0#

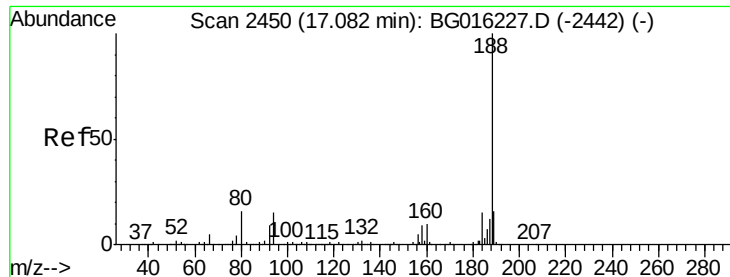


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

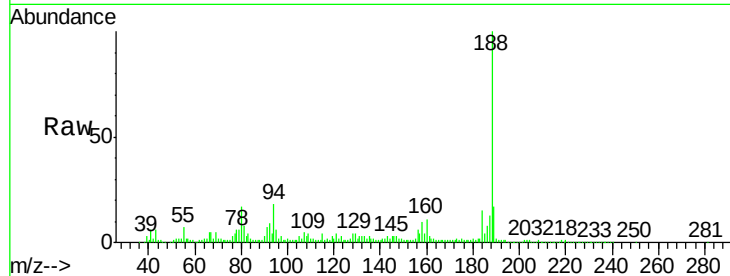




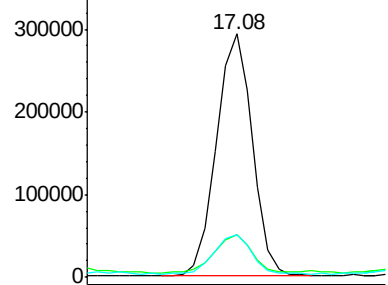
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-30

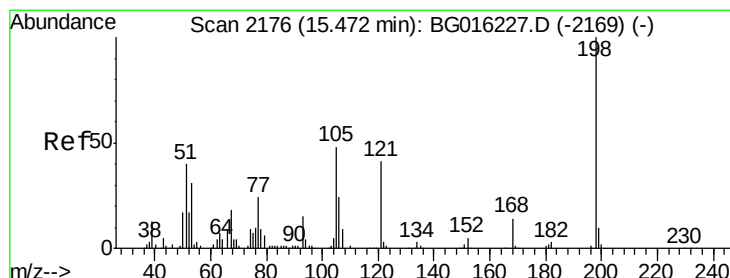
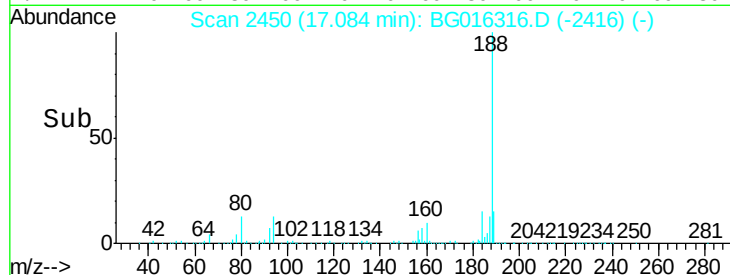
Tgt Ion:188 Resp: 405385
Ion Ratio Lower Upper
188 100
94 17.7 12.2 18.4
80 17.3 12.8 19.2



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

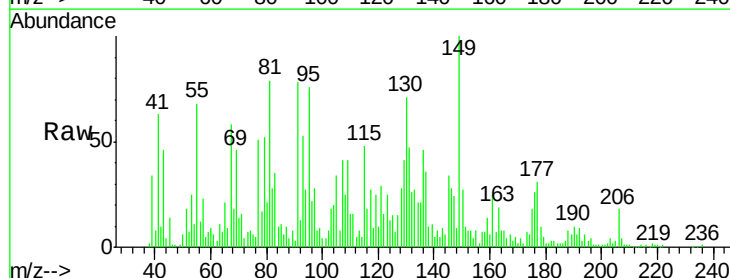


Time-->

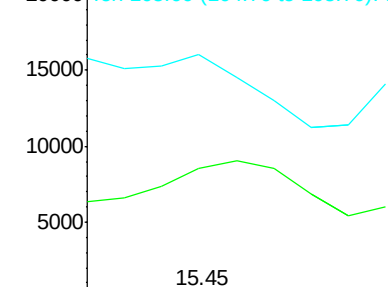


#64
4,6-Dinitro-2-methylphenol
Concen: 3.94 ng
RT: 15.45 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

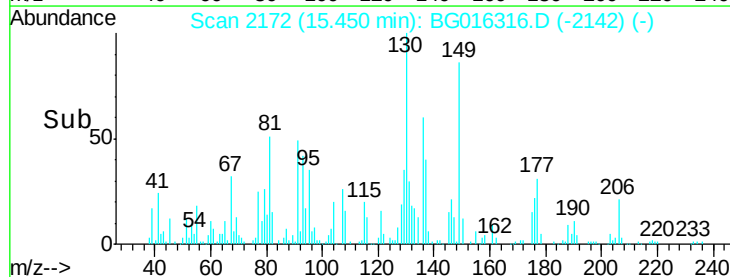
Tgt Ion:198 Resp: 167
Ion Ratio Lower Upper
198 100
51 1816.3 20.7 60.7#
105 3395.8 28.8 68.8#

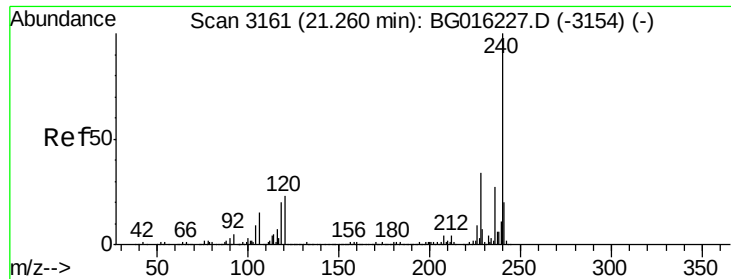


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_F

ClientSampleId :

MW-30

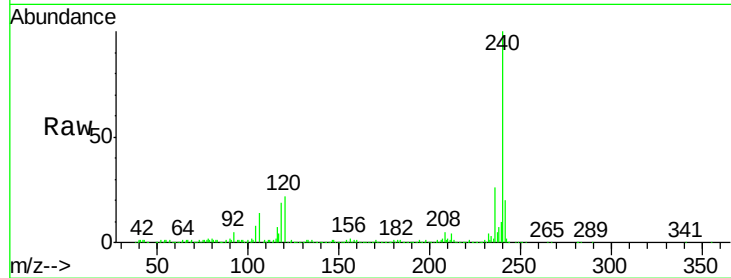
Tgt Ion:240 Resp: 336765

Ion Ratio Lower Upper

240 100

120 21.9 18.6 28.0

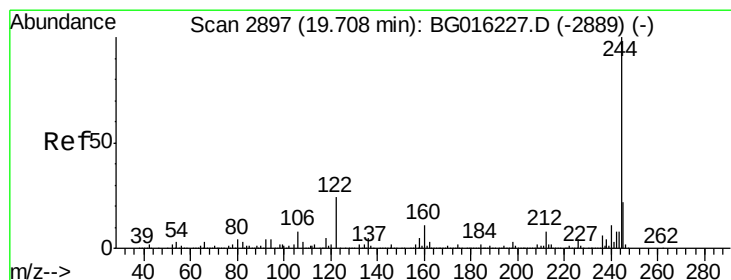
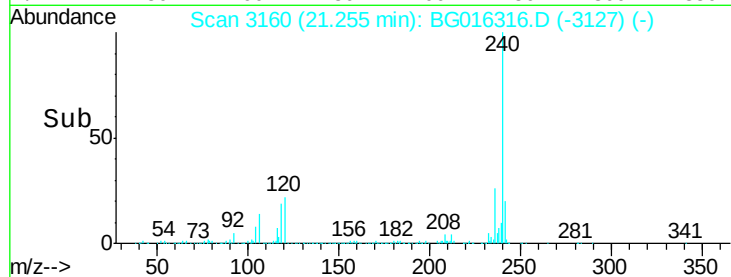
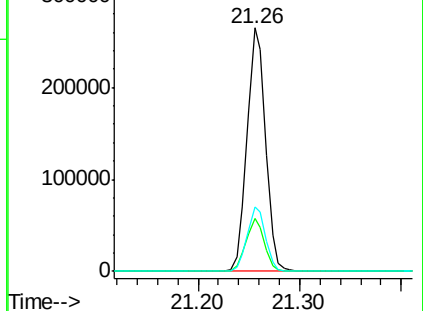
236 26.5 21.7 32.5



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: 65.36 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

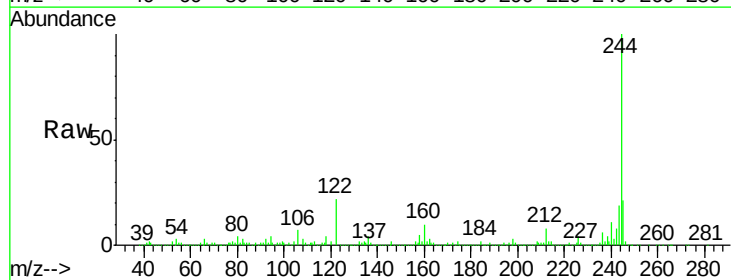
Tgt Ion:244 Resp: 940487

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

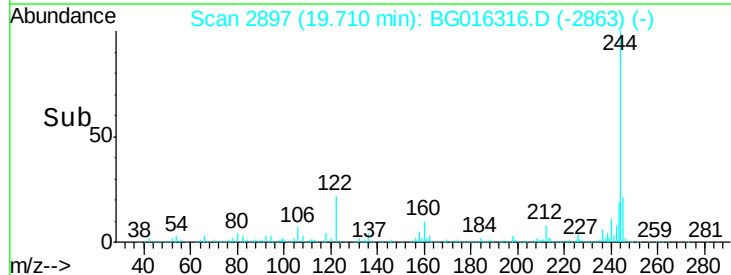
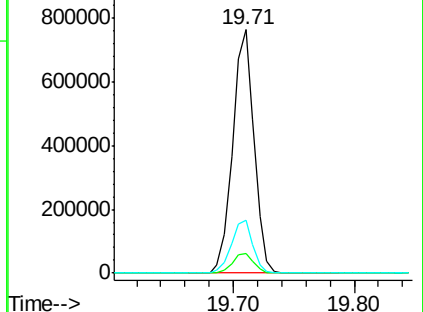
122 21.7 19.1 28.7

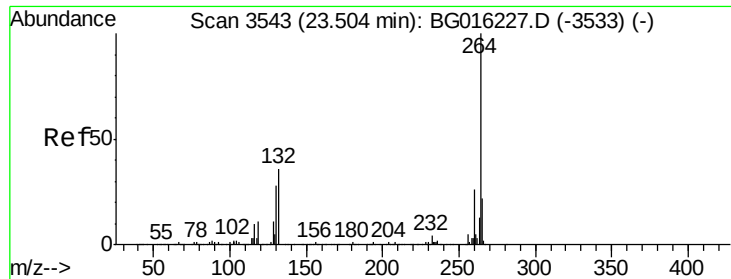


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.51 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Instrument :
BNA_F
ClientSampleId :
MW-30

Tgt Ion: 264 Resp: 312033
Ion Ratio Lower Upper
264 100
260 26.2 20.4 30.6
265 21.9 17.2 25.8

