

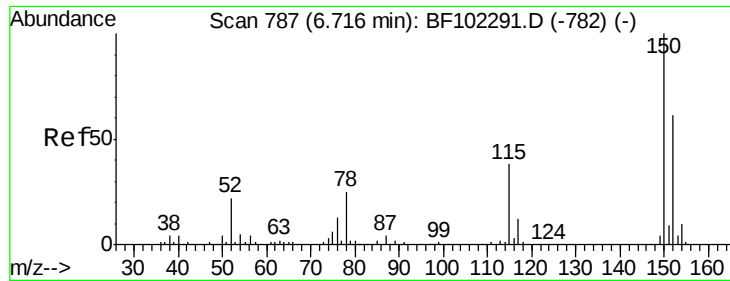
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102629.D
 Acq On : 30 Jan 2018 7:01
 Operator : SJ/JU
 Sample : J1305-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENGINE-WASH

Quant Time: Jan 30 07:54:48 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	160322	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	673815	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	287390	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	472388	20.00	ng	0.00
75) Chrysene-d12	13.88	240	281456	20.00	ng	0.00
86) Perylene-d12	15.32	264	261462	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1274535	120.54	ng	0.02
7) Phenol-d6	6.37	99	1460231	114.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	1031435	87.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	331222	116.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1699537	86.95	ng	0.00
78) Terphenyl-d14	12.82	244	1332192	106.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.27	77	26806	3.022	ng	96
15) Benzyl Alcohol	6.89	79	1116581	124.146	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	81069	10.392	ng	# 55
32) Benzoic acid	7.82	122	147447	19.191	ng	96
49) Dimethylphthalate	9.46	163	54722	2.304	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.84	149	162814	11.187	ng	# 100

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

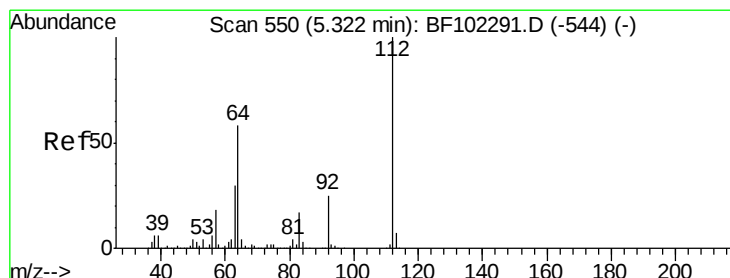
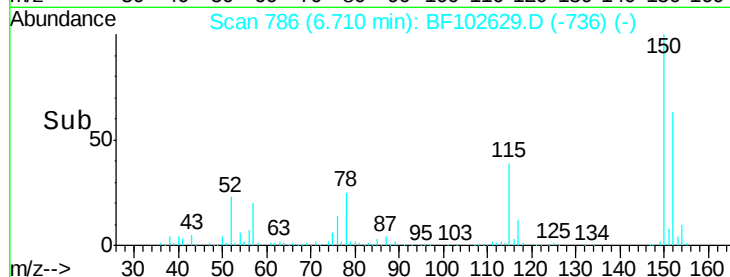
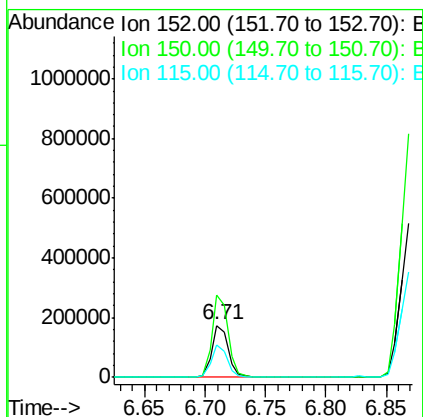
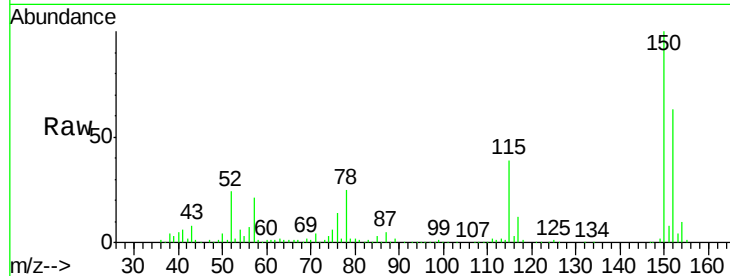


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Instrument :
 BNA_F
 ClientSampleId :
 ENGINE-WASH

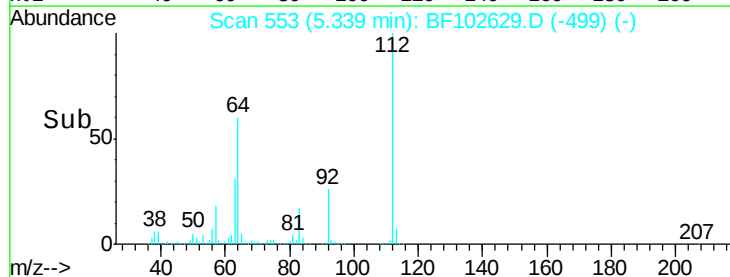
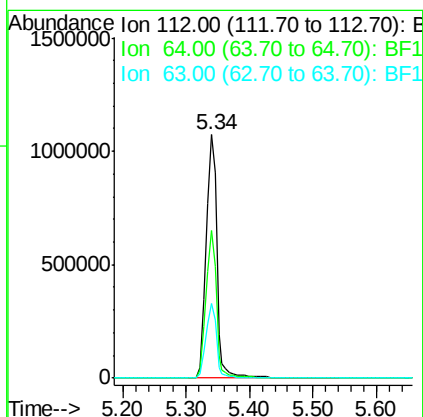
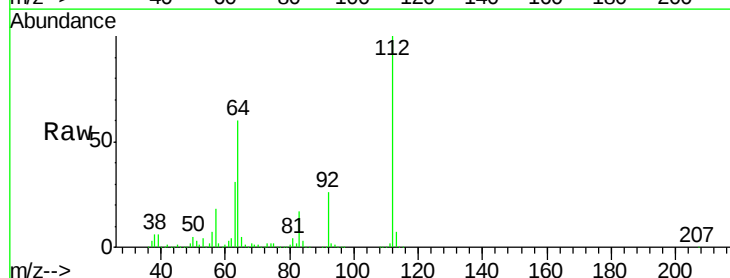
Tgt Ion:152 Resp: 160322
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 61.4 50.1 75.1

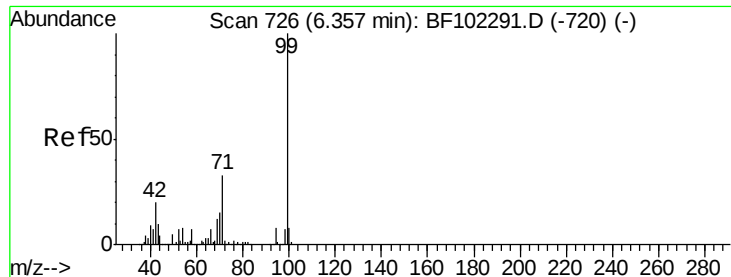


#5

2-Fluorophenol
 Concen: 120.540 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Tgt Ion:112 Resp: 1274535
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 114.552 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

ENGINE-WASH

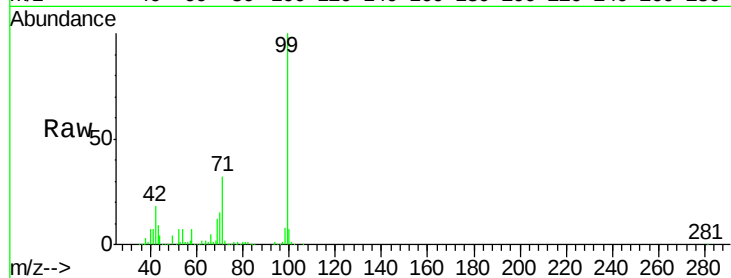
Tgt Ion: 99 Resp: 1460231

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

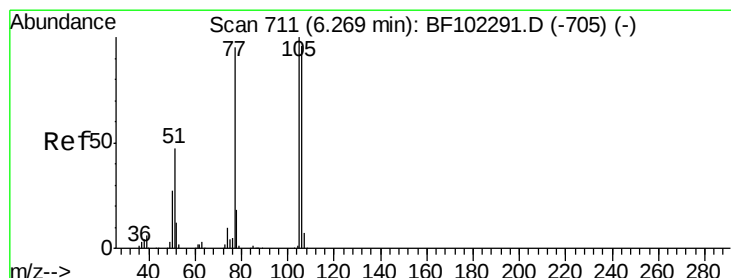
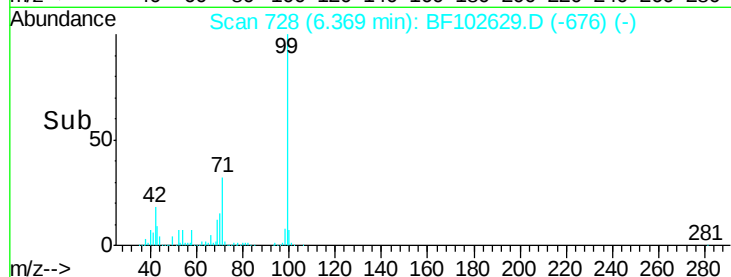
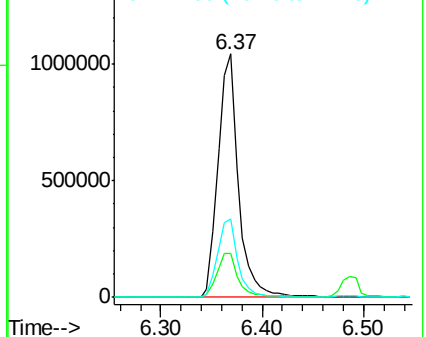
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.022 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

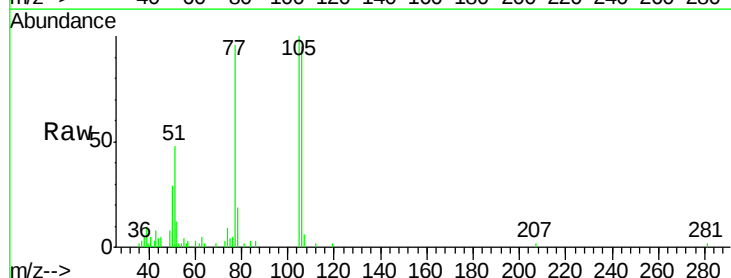
Tgt Ion: 77 Resp: 26806

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

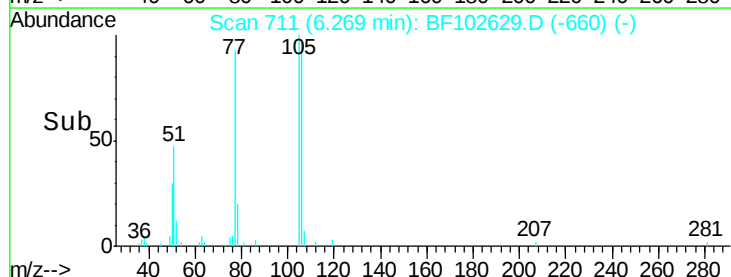
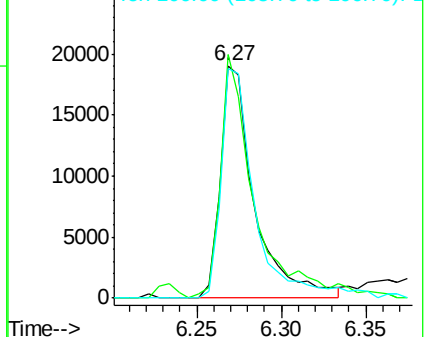
106 99.0 74.5 114.5

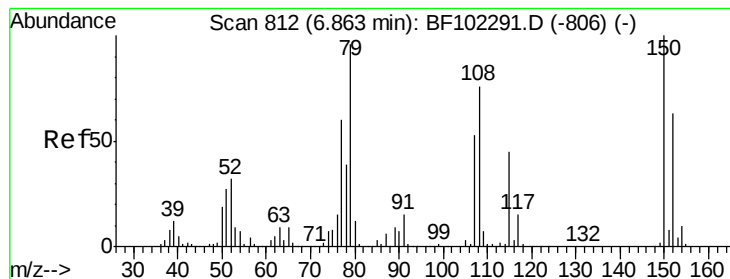


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 124.146 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.02 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

ENGINE-WASH

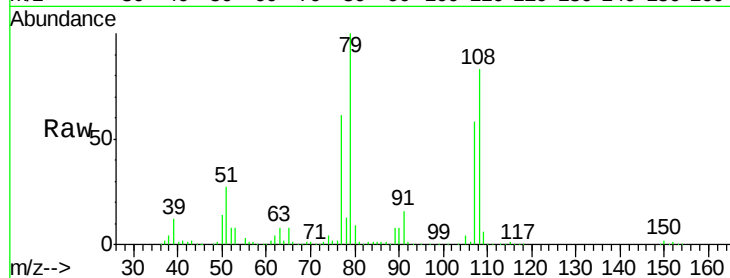
Tgt Ion: 79 Resp: 1116581

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

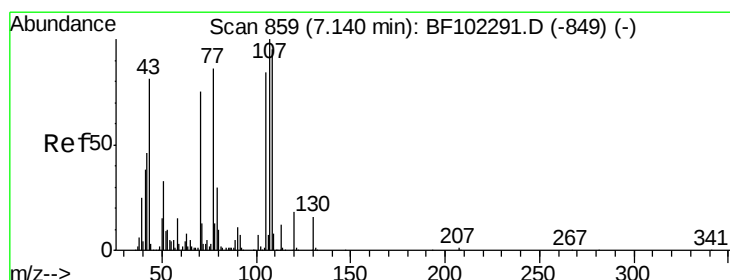
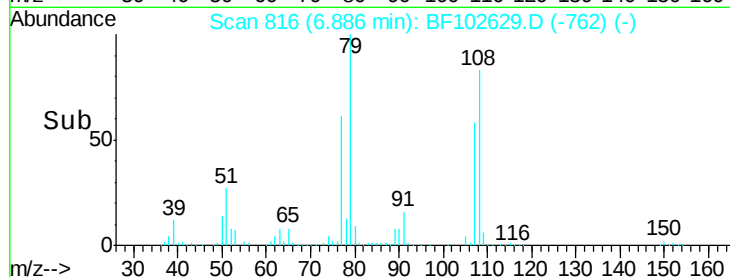
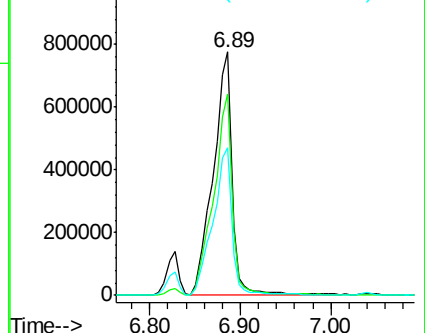
77 60.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.392 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Tgt Ion: 70 Resp: 81069

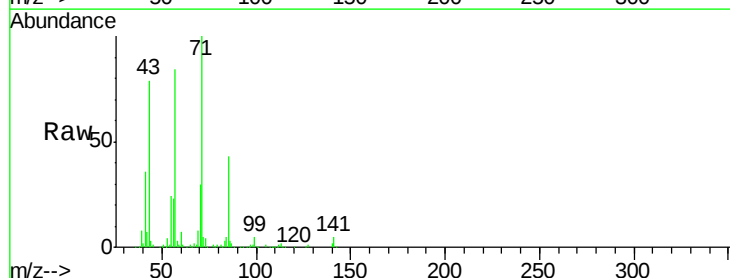
Ion Ratio Lower Upper

70 100

42 22.7 47.5 71.3#

101 1.5 7.4 11.2#

130 0.0 16.6 25.0#

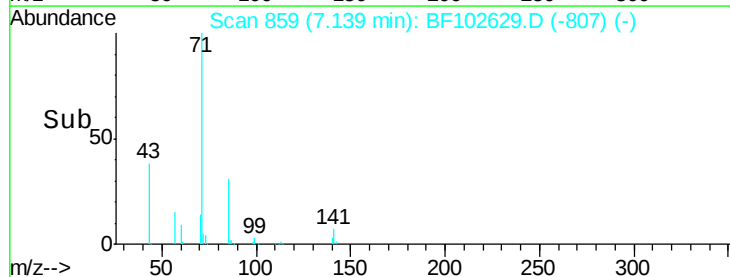
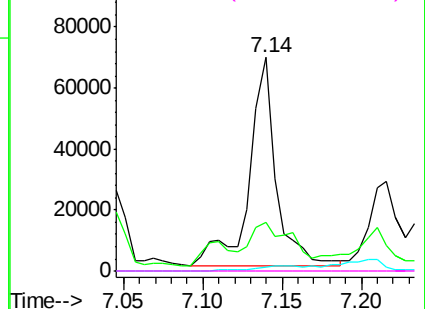


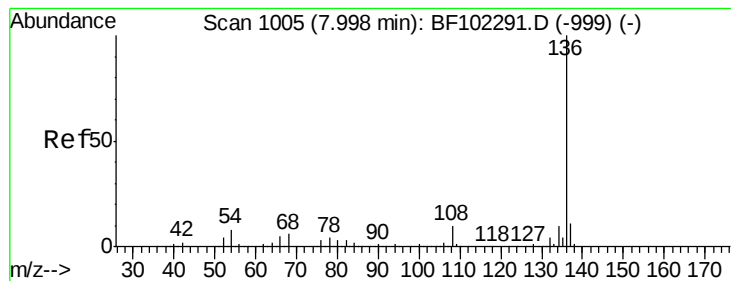
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

ENGINE-WASH

Tgt Ion: 136 Resp: 673815

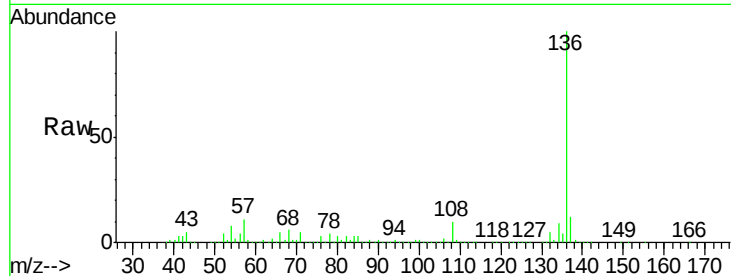
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.4 6.6 9.8

68 6.1 5.0 7.4

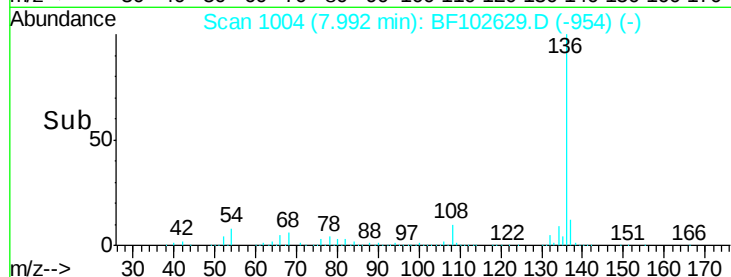


Abundance Ion 136.00 (135.70 to 136.70): E

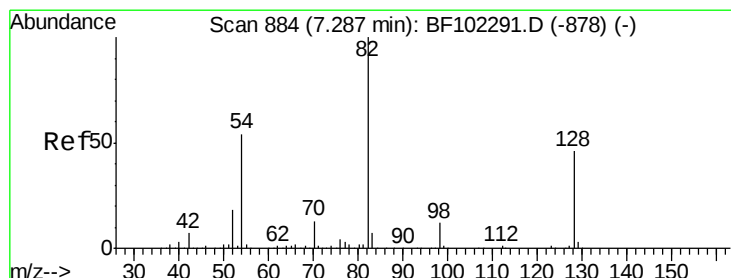
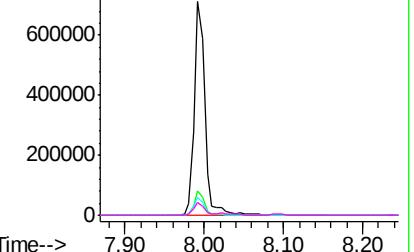
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 87.967 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

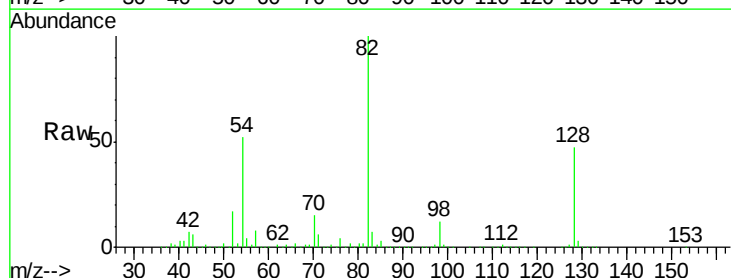
Tgt Ion: 82 Resp: 1031435

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

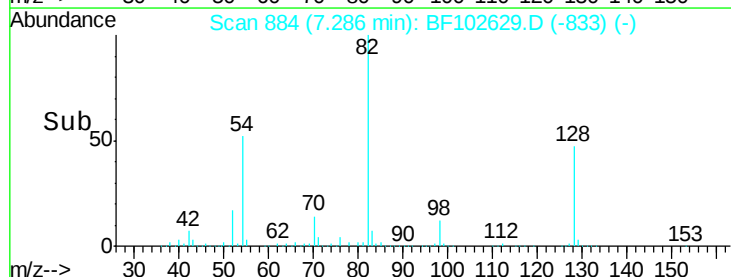
54 52.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

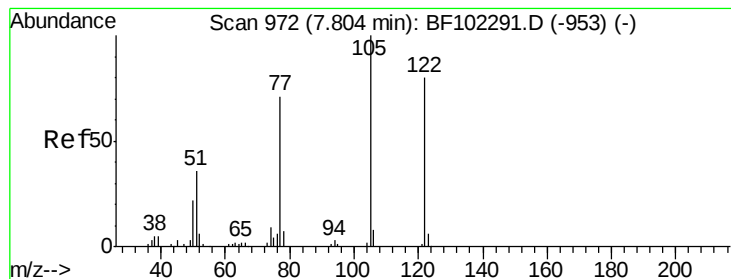
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#32

Benzoic acid

Concen: 19.191 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

ENGINE-WASH

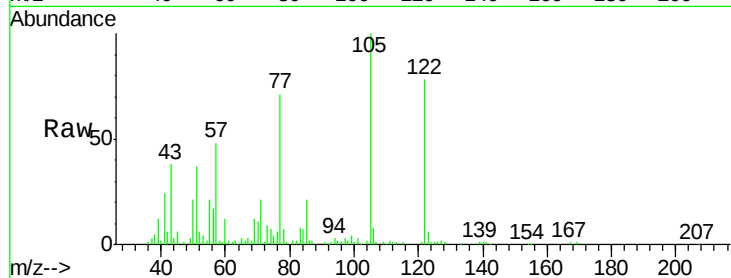
Tgt Ion:122 Resp: 147447

Ion Ratio Lower Upper

122 100

105 128.5 101.1 141.1

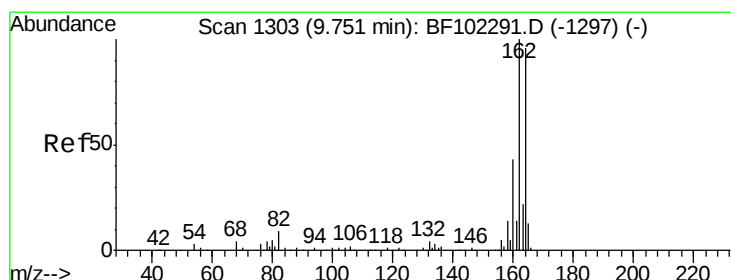
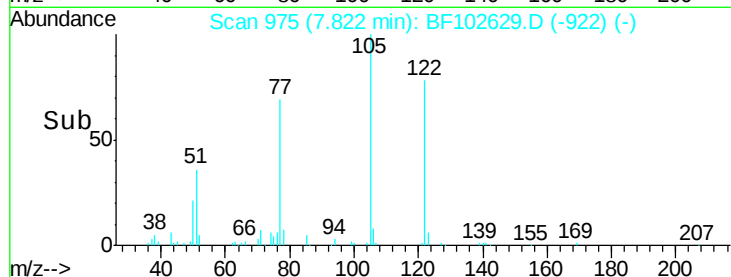
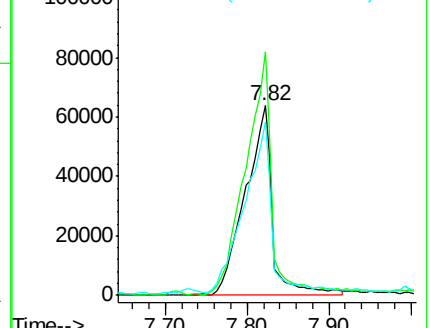
77 91.2 70.7 110.7



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): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

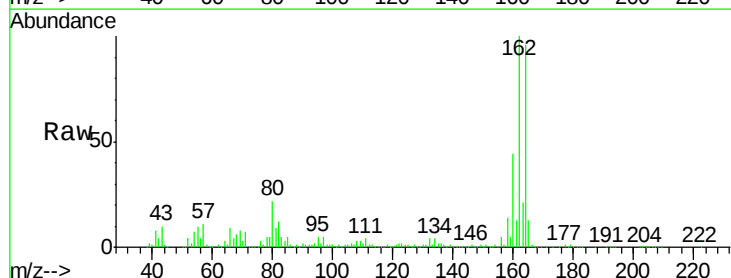
Tgt Ion:164 Resp: 287390

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

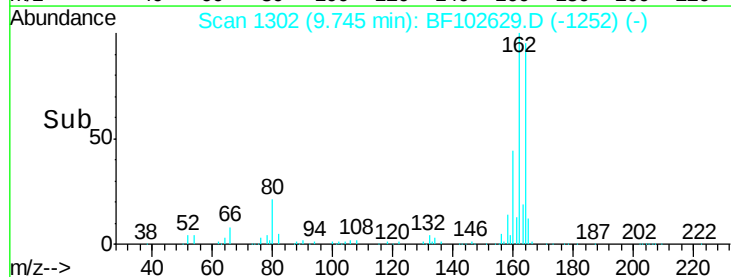
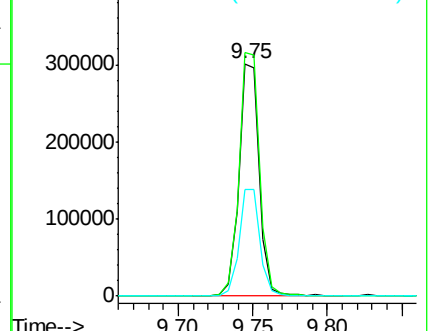
160 46.0 38.3 57.5

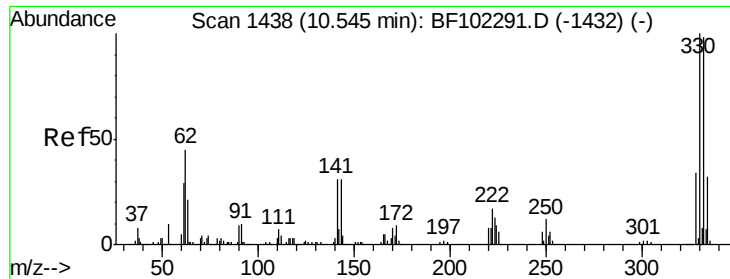


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

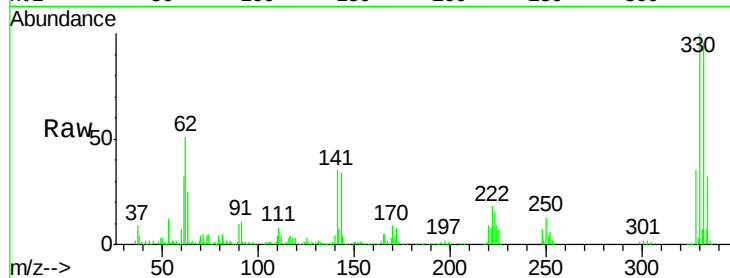




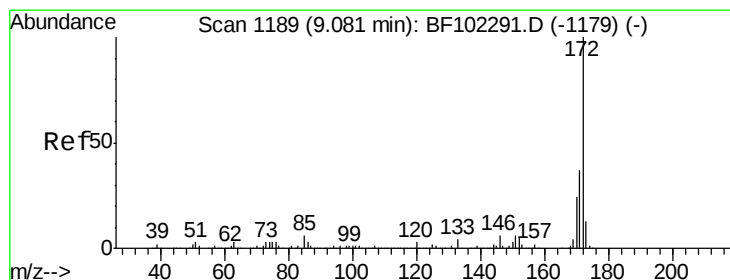
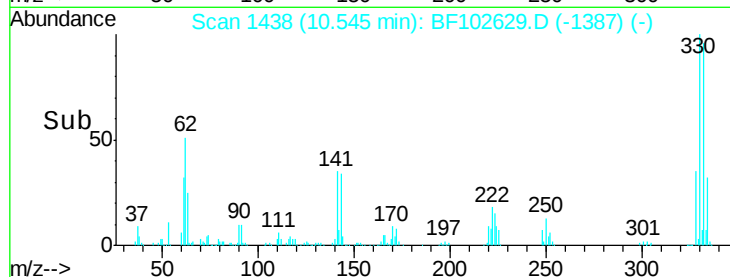
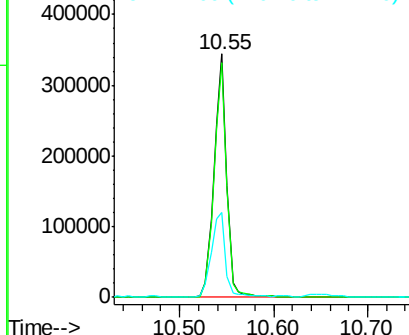
#41
 2,4,6-Tribromophenol
 Concen: 116.315 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Instrument :
 BNA_F
 ClientSampleId :
 ENGINE-WASH

Tgt Ion:330 Resp: 331222
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 38.4 29.9 44.9

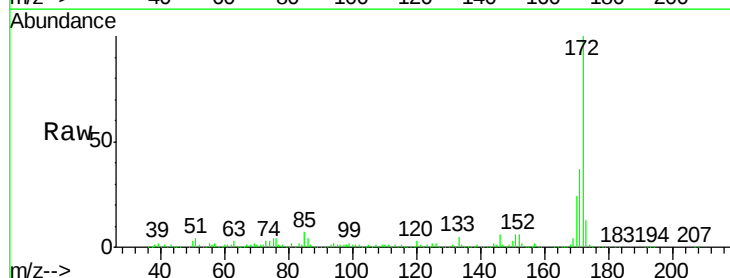


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

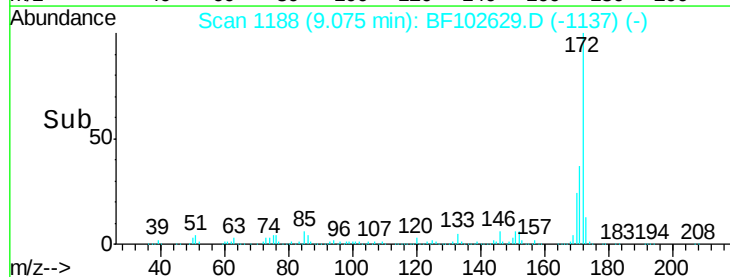
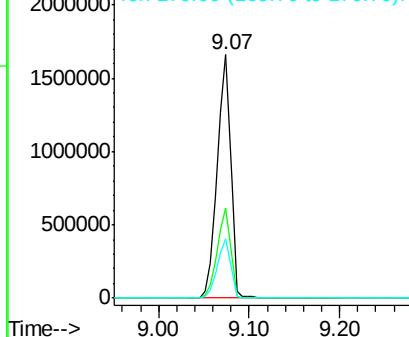


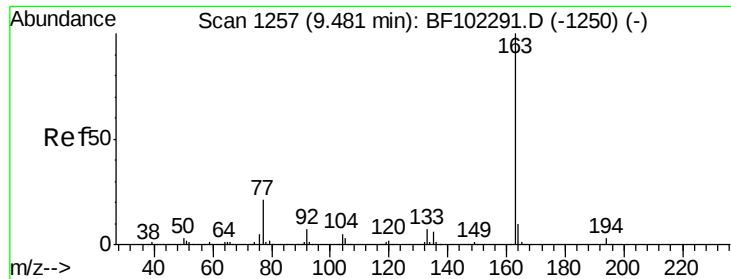
#44
 2-Fluorobiphenyl
 Concen: 86.952 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Tgt Ion:172 Resp: 1699537
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.2 19.6 29.4



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





#49

Dimethylphthalate

Concen: 2.304 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

ENGINE-WASH

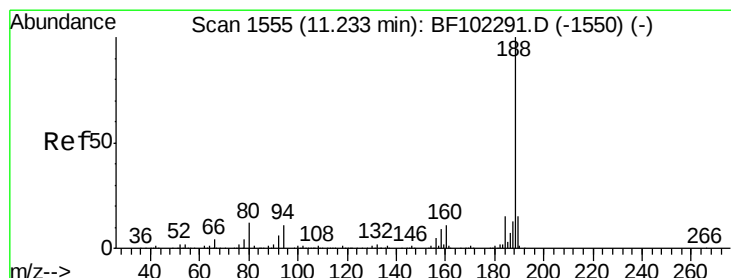
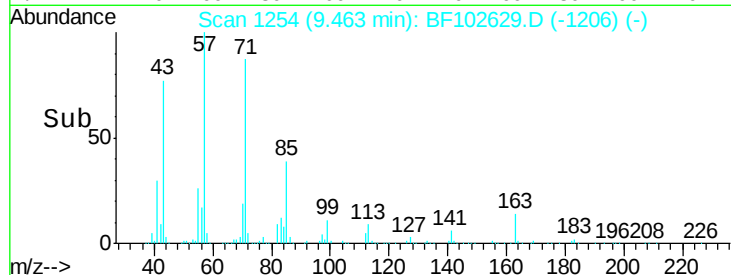
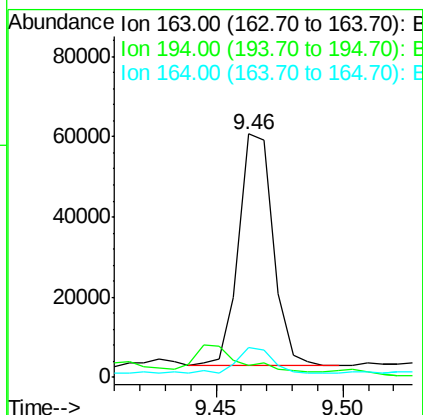
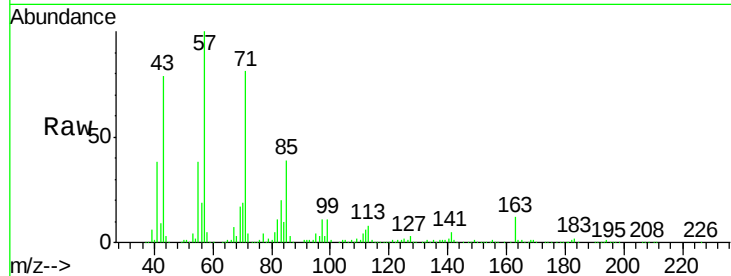
Tgt Ion:163 Resp: 54722

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

164 12.1 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

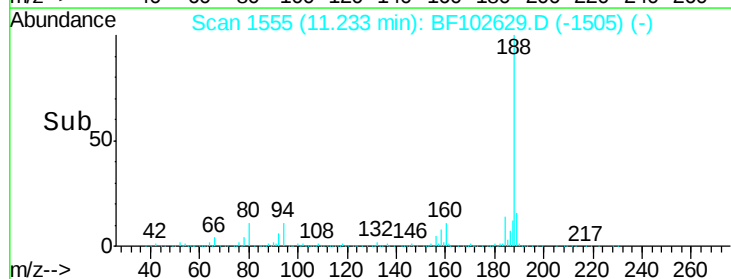
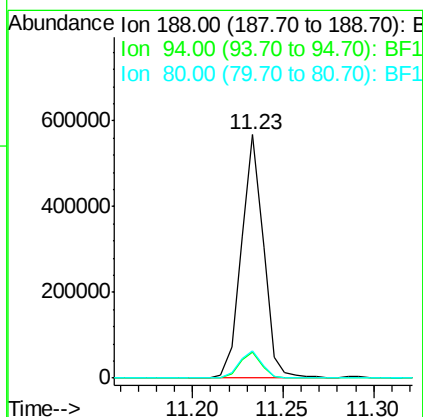
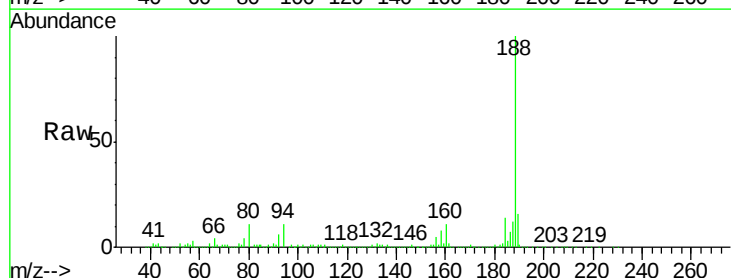
Tgt Ion:188 Resp: 472388

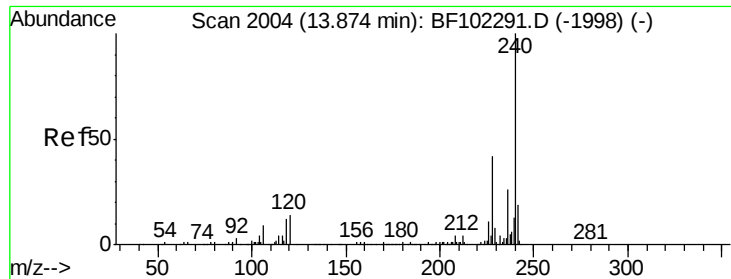
Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

80 11.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

Instrument :

BNA_F

ClientSampleId :

ENGINE-WASH

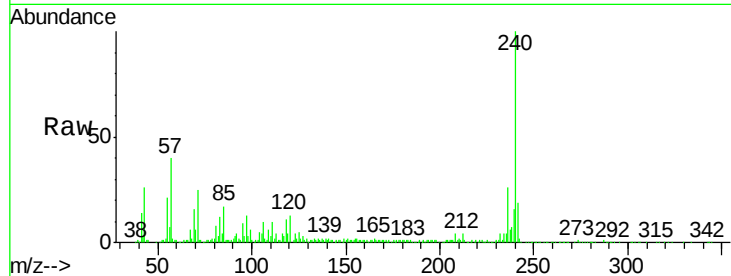
Tgt Ion:240 Resp: 281456

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

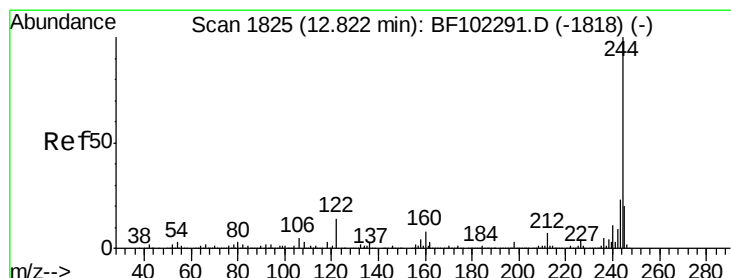
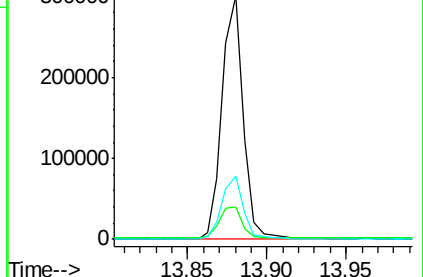
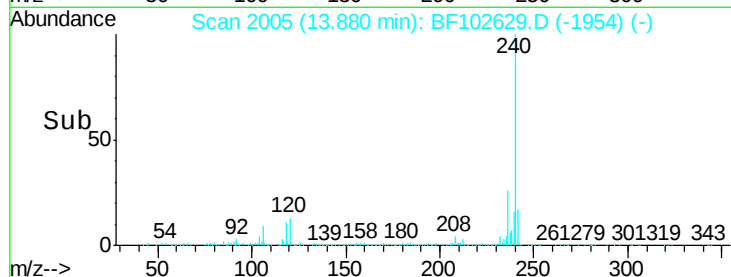
236 26.1 20.7 31.1



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: 106.704 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102629.D

Acq: 30 Jan 2018 7:01

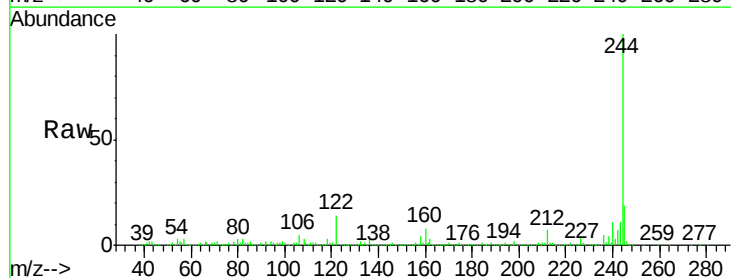
Tgt Ion:244 Resp: 1332192

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

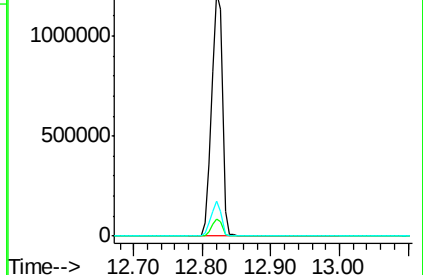
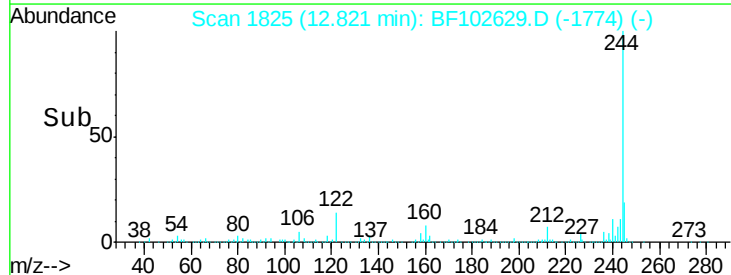
122 14.3 11.0 16.4

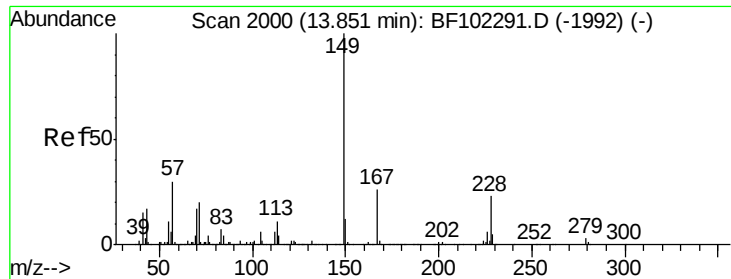


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

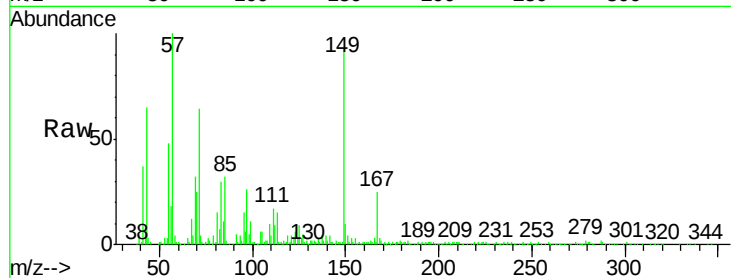




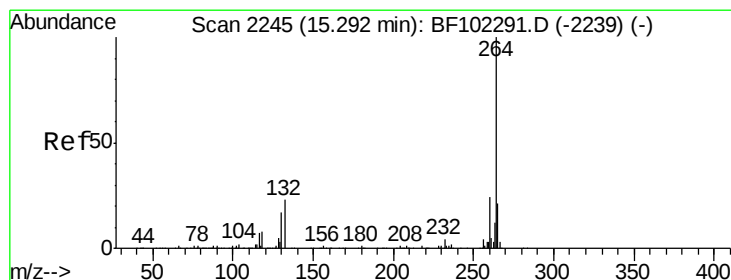
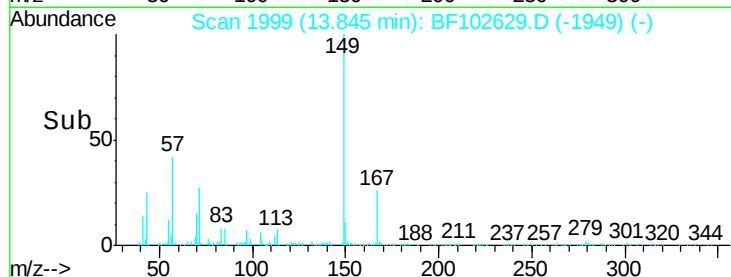
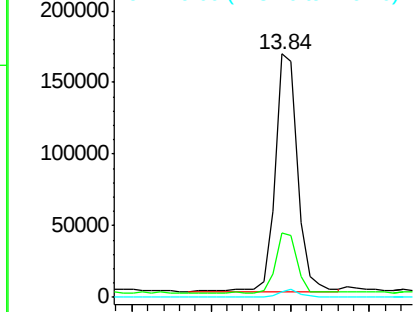
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 11.187 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Instrument :
 BNA_F
 ClientSampleId :
 ENGINE-WASH

Tgt Ion:149 Resp: 162814
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 2.4 3.0 4.4#

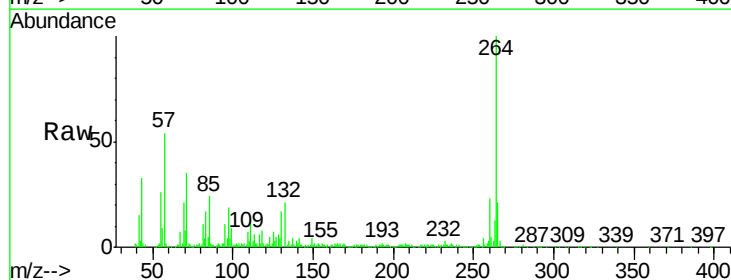


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF102629.D
 Acq: 30 Jan 2018 7:01

Tgt Ion:264 Resp: 261462
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.9 17.5 26.3



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

