

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102510.D
 Acq On : 27 Jan 2018 15:05
 Operator : SJ/JU
 Sample : J1346-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FW-1-2

Quant Time: Jan 27 20:59:15 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

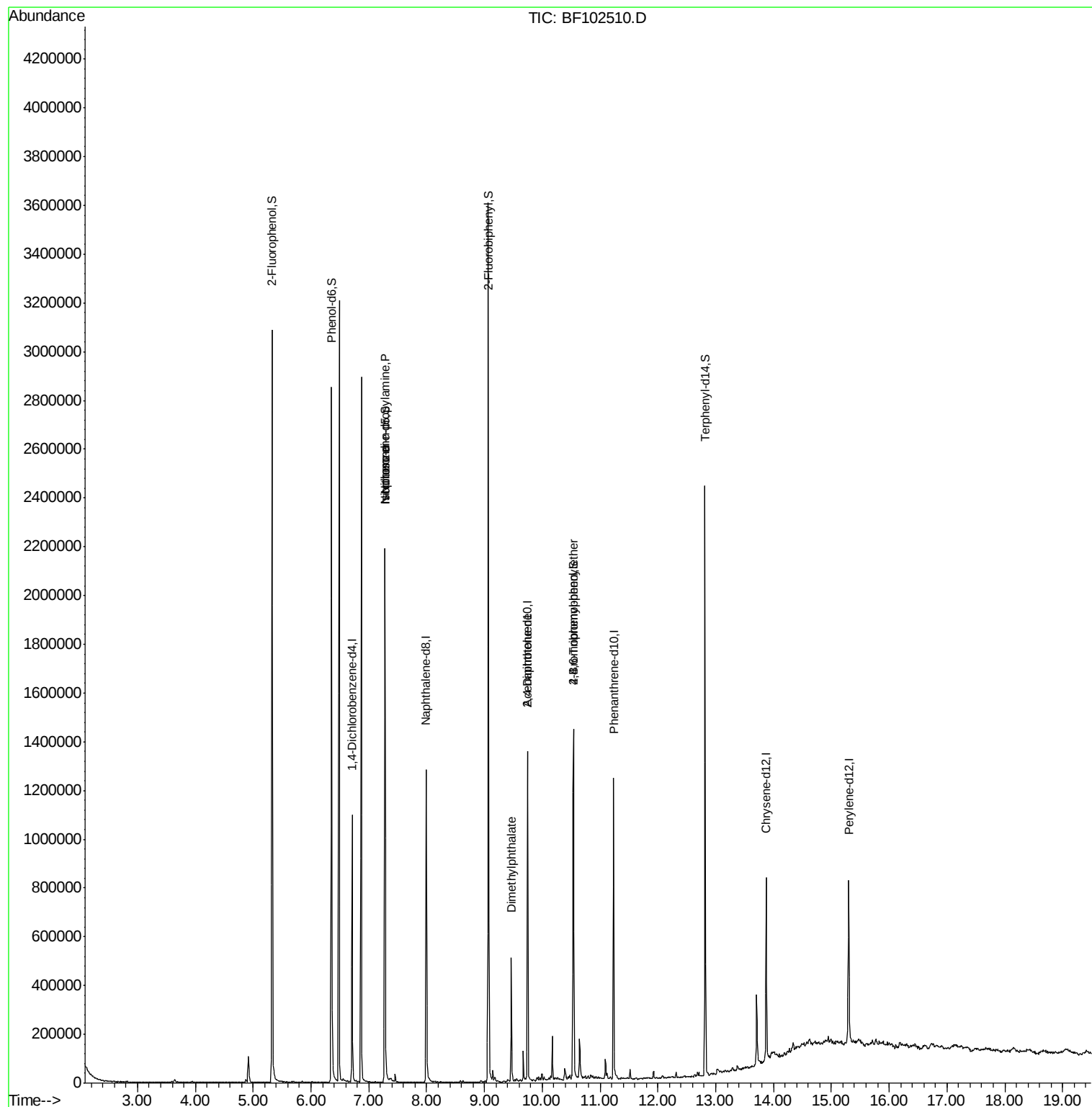
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	159717	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	657114	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	280599	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	416725	20.00	ng	0.00
75) Chrysene-d12	13.87	240	276131	20.00	ng	0.00
86) Perylene-d12	15.30	264	292835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	919094	87.25	ng	0.00
7) Phenol-d6	6.36	99	1149965	90.55	ng	0.00
23) Nitrobenzene-d5	7.28	82	738104	64.55	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	165330	59.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1298288	68.03	ng	0.00
78) Terphenyl-d14	12.82	244	866571	70.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	96960	12.476	ng	Qvalue # 80
25) Isophorone	7.28	82	738098	36.208	ng	# 64
49) Dimethylphthalate	9.46	163	212690	9.170	ng	100
56) 2,4-Dinitrotoluene	9.75	165	35036	5.698	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11189	2.494	ng	# 1

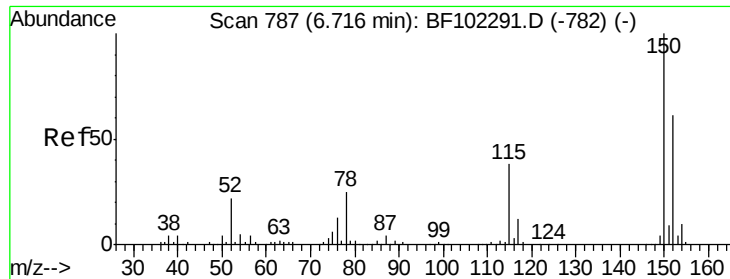
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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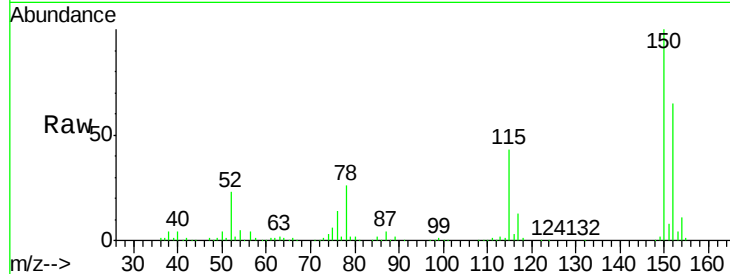


#1

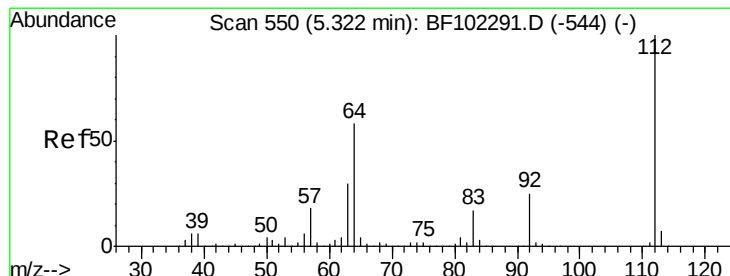
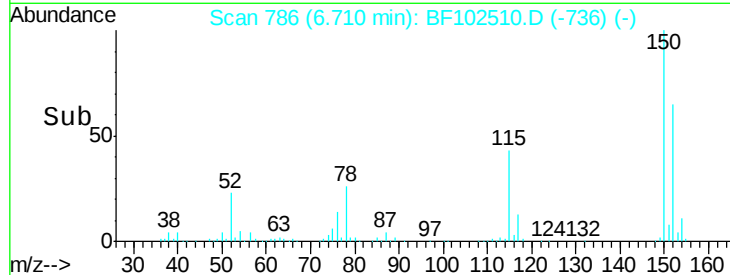
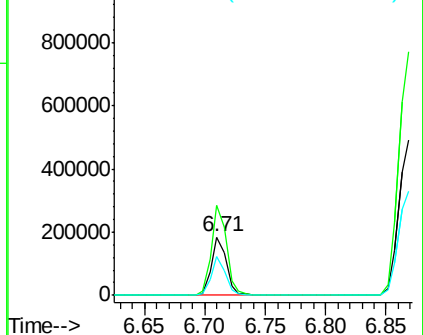
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

Instrument :
BNA_F
ClientSampleId :
FW-1-2

Tgt Ion:152 Resp: 159717
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 65.7 50.1 75.1



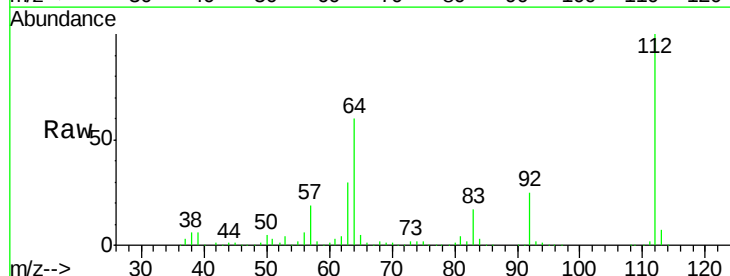
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



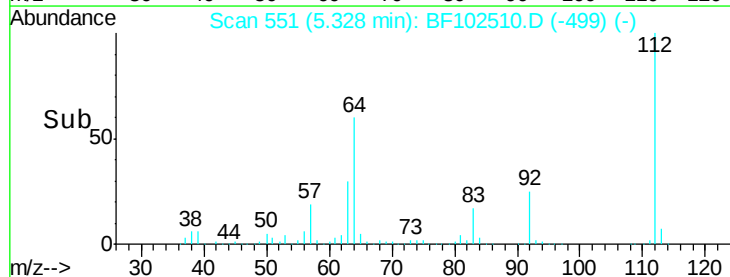
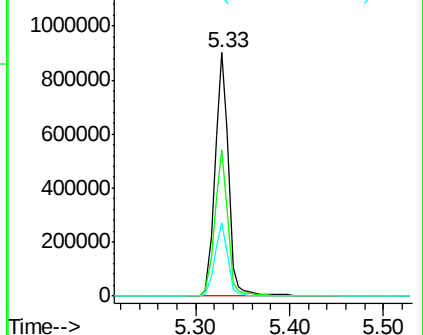
#5

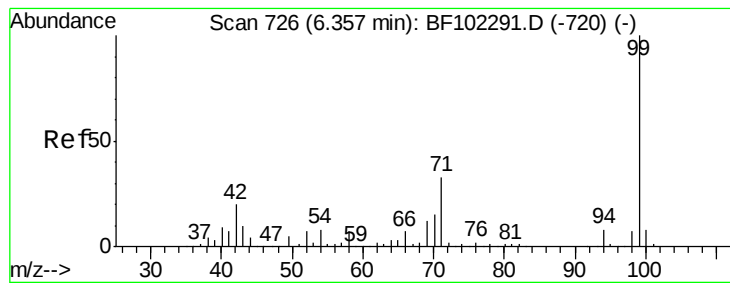
2-Fluorophenol
Concen: 87.253 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

Tgt Ion:112 Resp: 919094
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.554 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

Instrument :

BNA_F

ClientSampleId :

FW-1-2

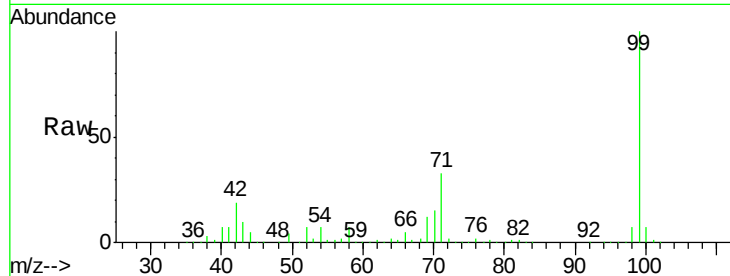
Tgt Ion: 99 Resp: 1149965

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

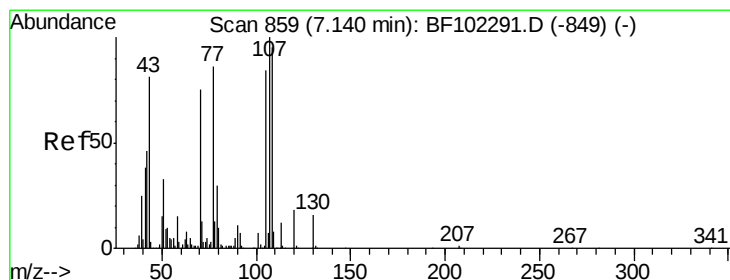
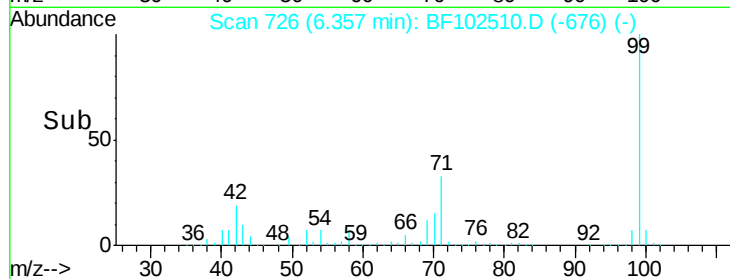
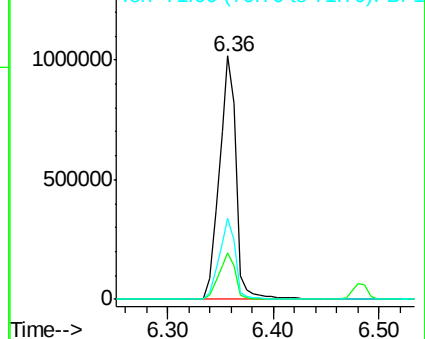
71 33.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.476 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

Tgt Ion: 70 Resp: 96960

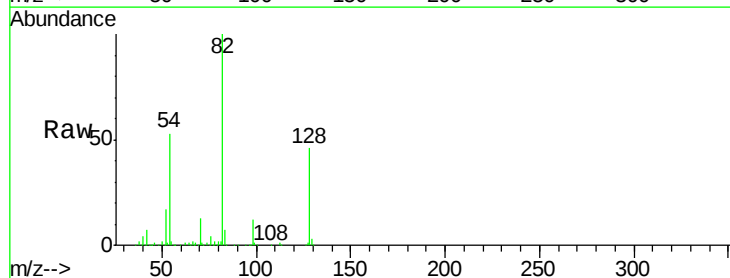
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

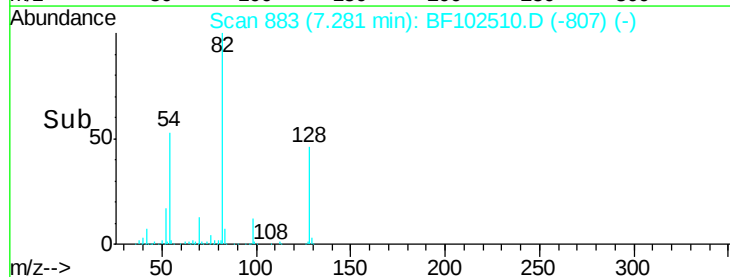
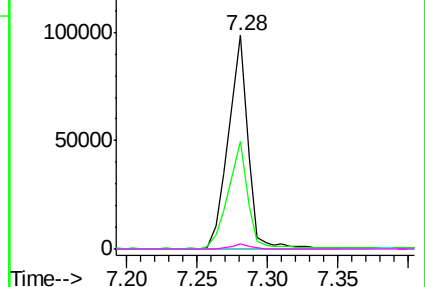


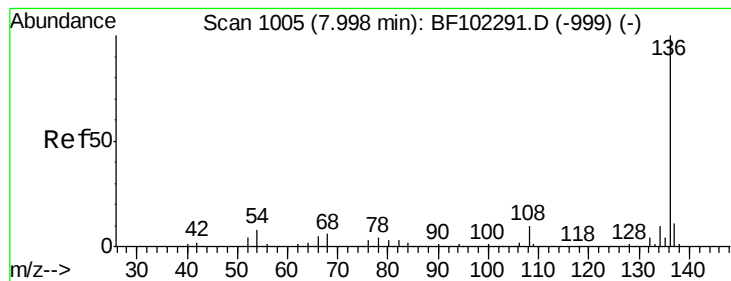
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102510.D

Acq: 27 Jan 2018 15:05

Instrument :

BNA_F

ClientSampleId :

FW-1-2

Tgt Ion: 136 Resp: 657114

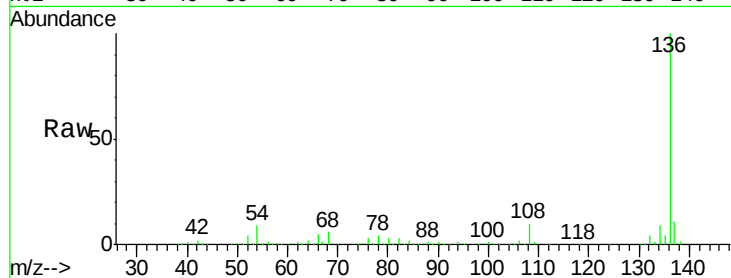
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 6.6 9.8

68 5.7 5.0 7.4

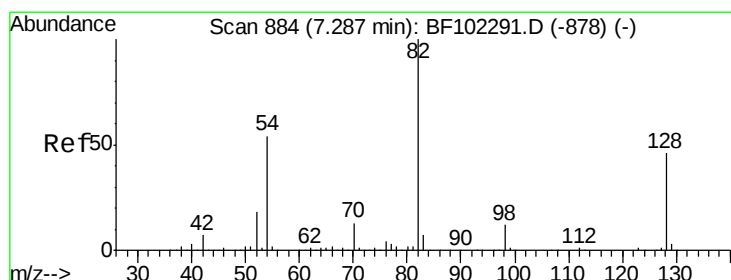
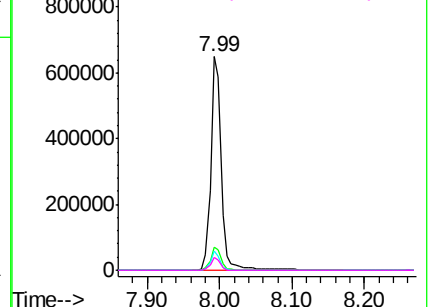
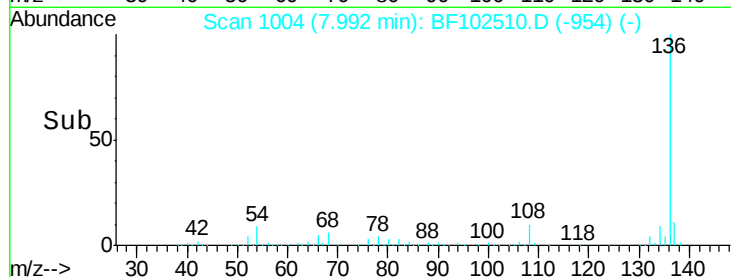


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 64.550 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

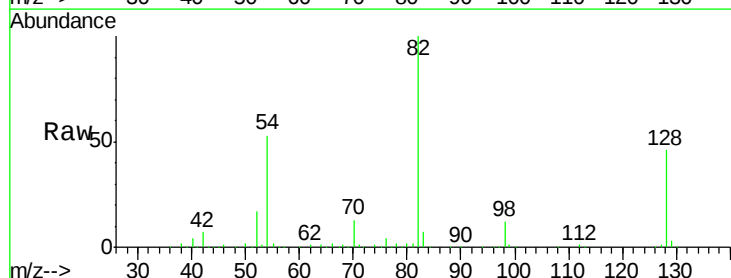
Tgt Ion: 82 Resp: 738104

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

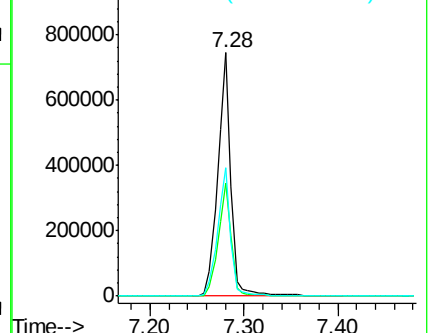
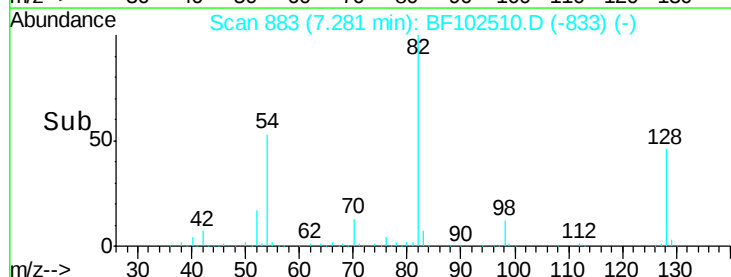
54 52.8 41.4 62.2

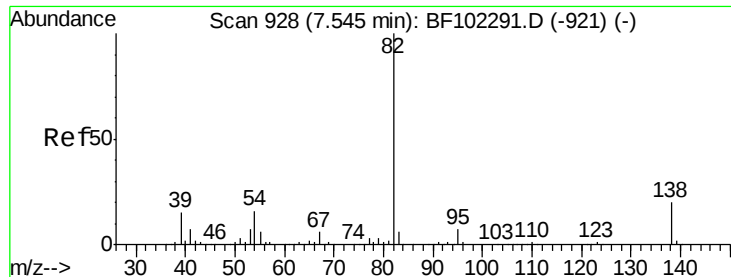


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.208 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

Instrument :

BNA_F

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FW-1-2

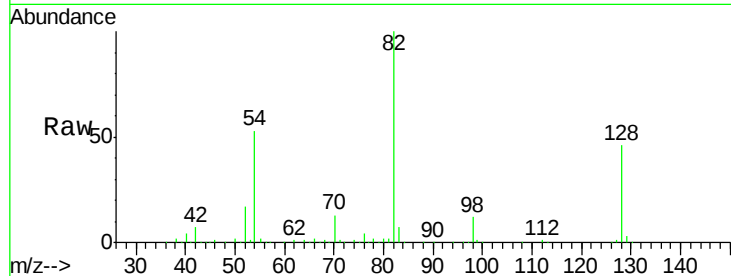
Tgt Ion: 82 Resp: 738098

Ion Ratio Lower Upper

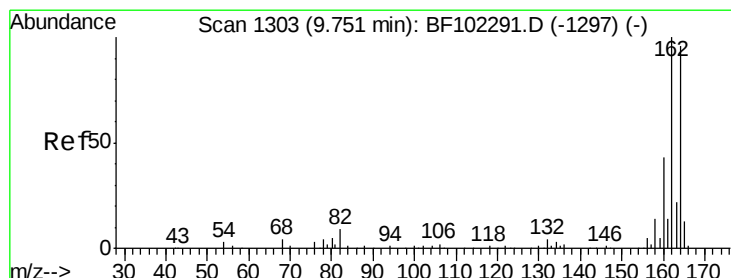
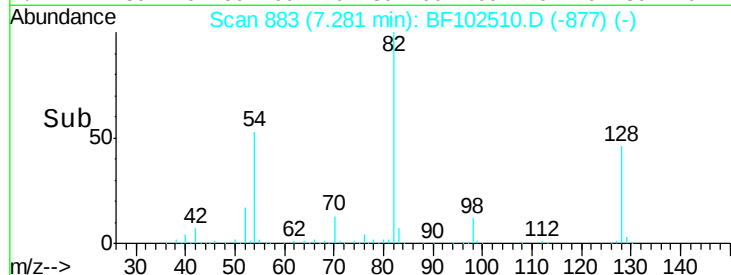
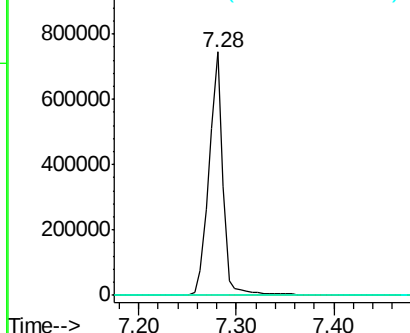
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

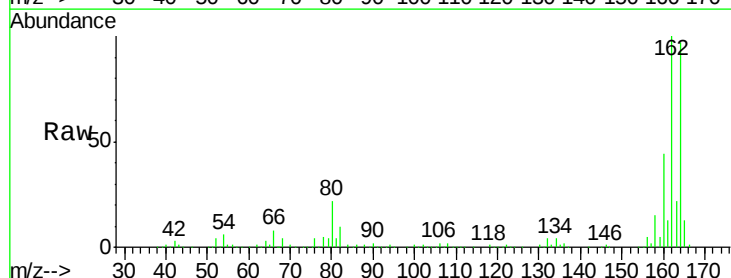
Tgt Ion: 164 Resp: 280599

Ion Ratio Lower Upper

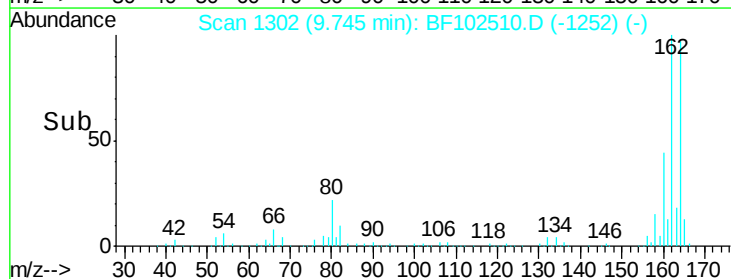
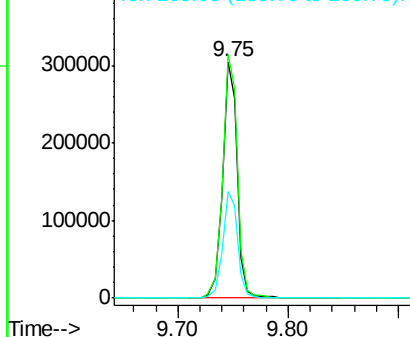
164 100

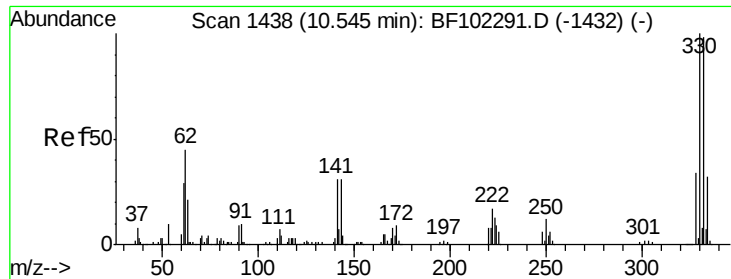
162 102.9 86.1 129.1

160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

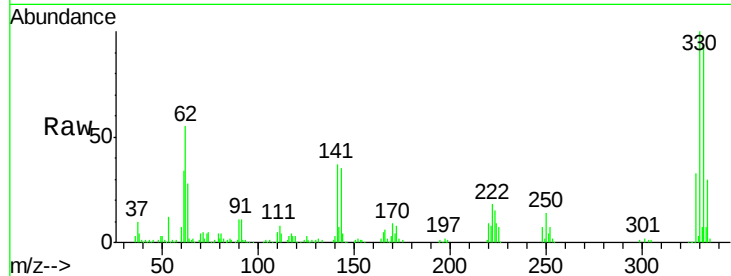




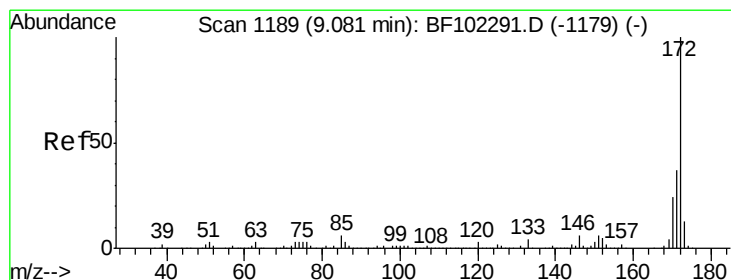
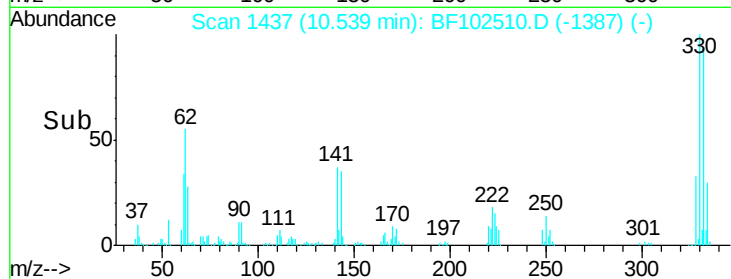
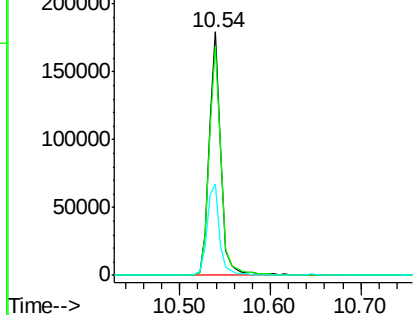
#41
 2,4,6-Tribromophenol
 Concen: 59.464 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102510.D
 Acq: 27 Jan 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :
 FW-1-2

Tgt Ion:330 Resp: 165330
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 40.4 29.9 44.9

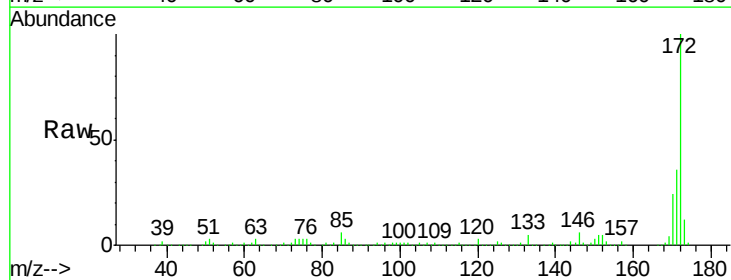


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

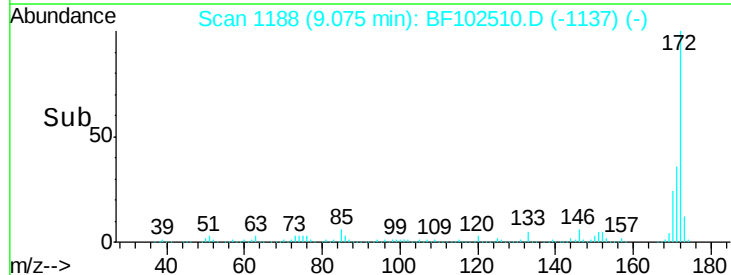
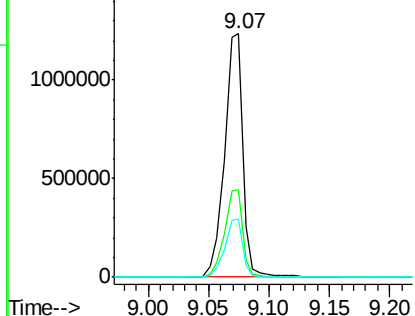


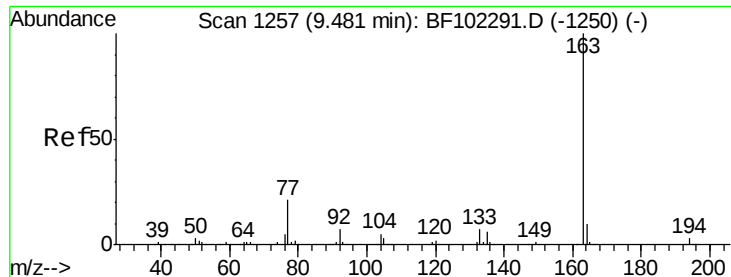
#44
 2-Fluorobiphenyl
 Concen: 68.031 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102510.D
 Acq: 27 Jan 2018 15:05

Tgt Ion:172 Resp: 1298288
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 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

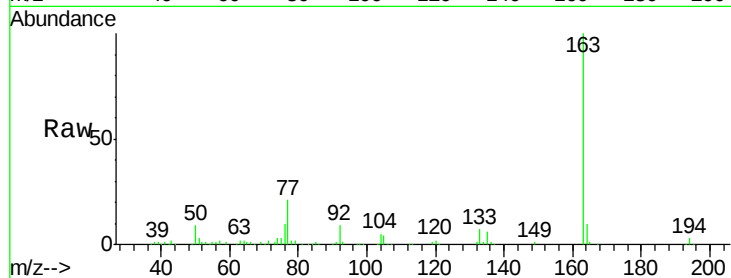




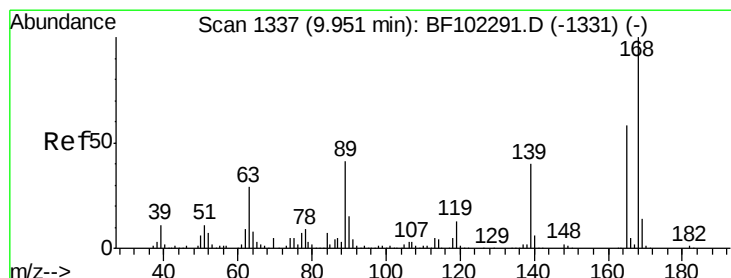
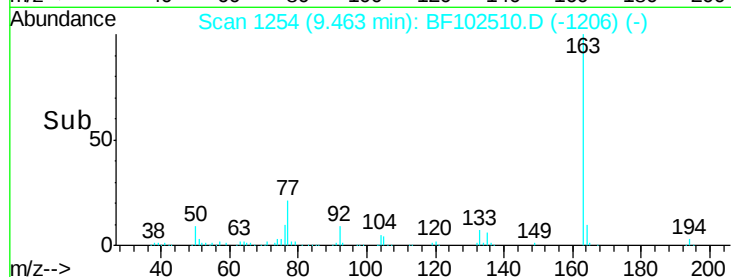
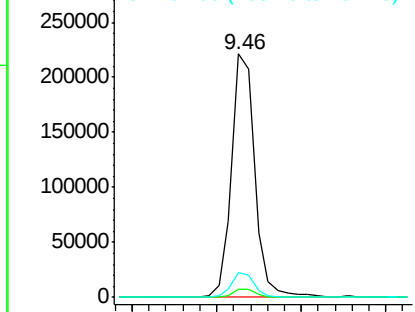
#49
Dimethylphthalate
Concen: 9.170 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

Instrument :
BNA_F
ClientSampleId :
FW-1-2

Tgt Ion:163 Resp: 212690
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.3 8.2 12.2

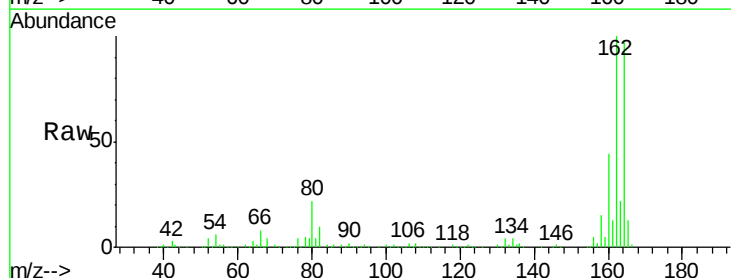


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

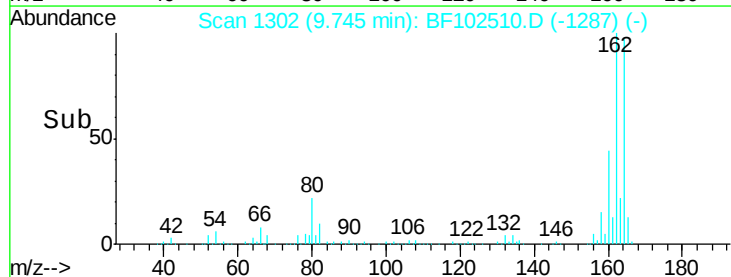
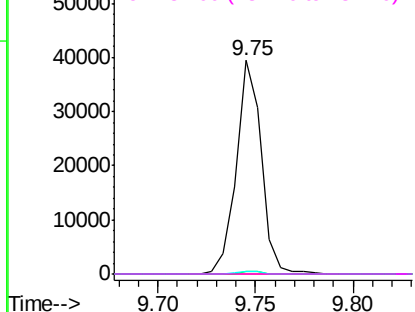


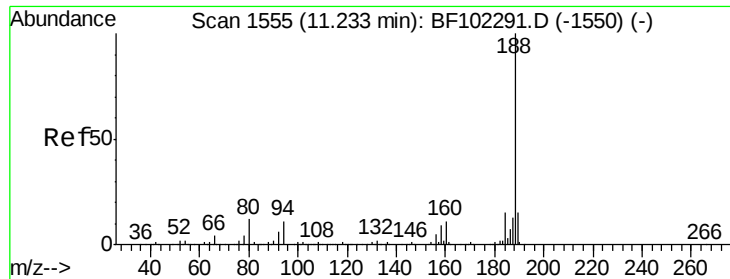
#56
2,4-Dinitrotoluene
Concen: 5.698 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

Tgt Ion:165 Resp: 35036
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

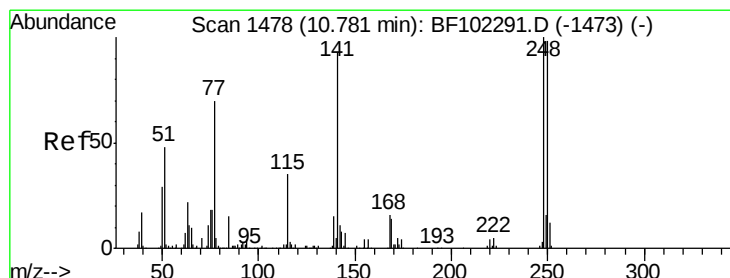
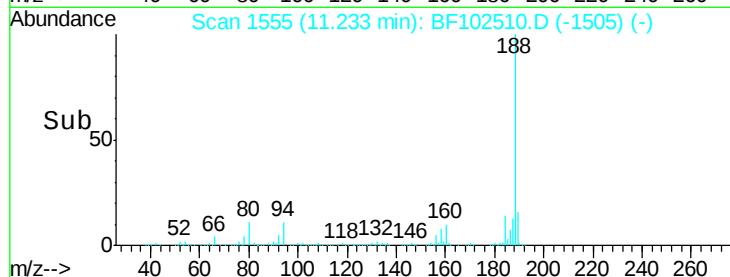
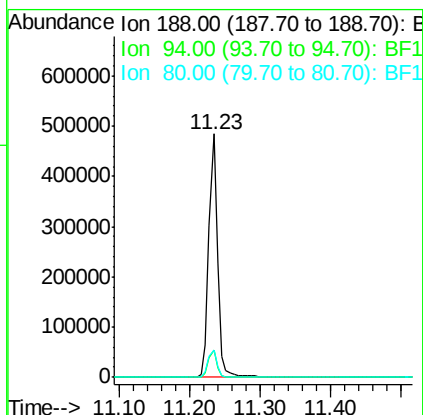
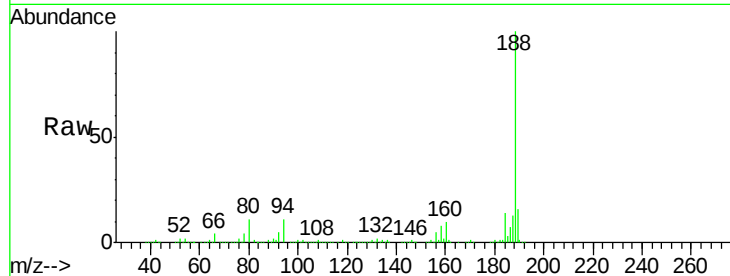




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

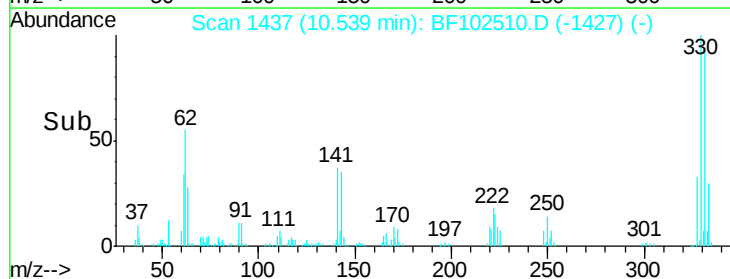
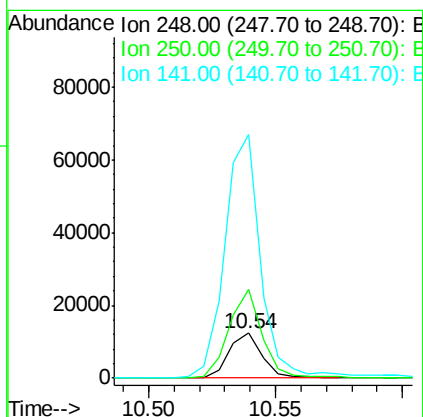
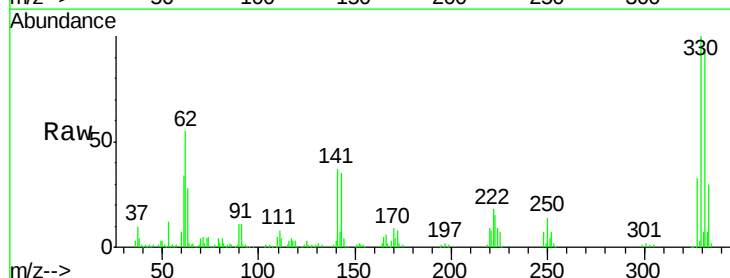
Instrument :
BNA_F
ClientSampleId :
FW-1-2

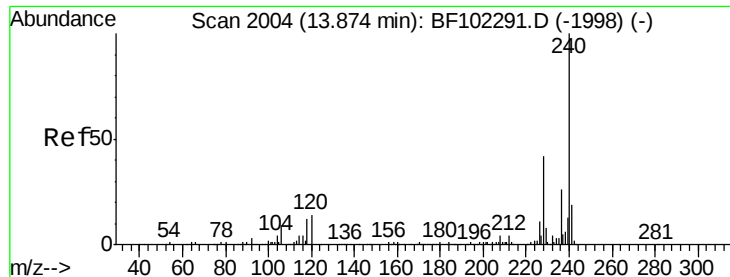
Tgt Ion:188 Resp: 416725
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.494 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

Tgt Ion:248 Resp: 11189
Ion Ratio Lower Upper
248 100
250 198.3 76.9 115.3#
141 543.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

Instrument :

BNA_F

ClientSampleId :

FW-1-2

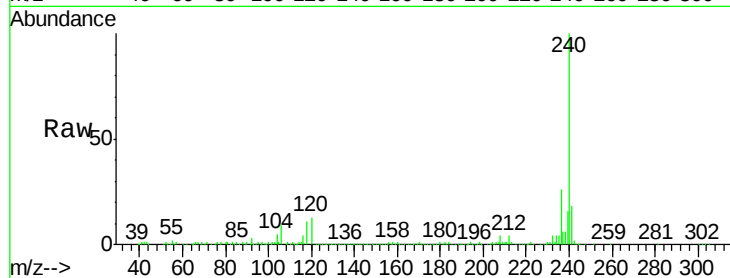
Tgt Ion:240 Resp: 276131

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

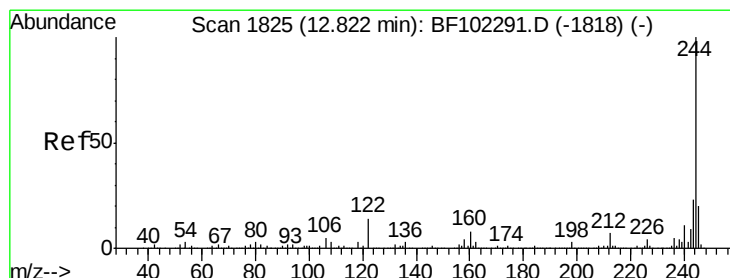
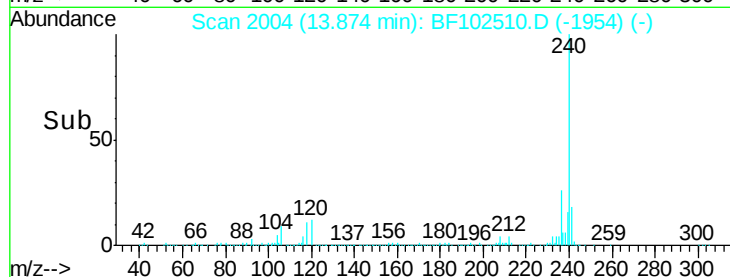
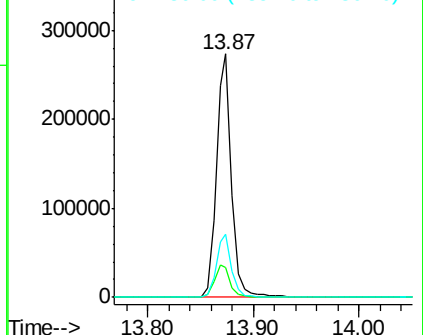
236 25.8 20.7 31.1



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: 70.748 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102510.D

Acq: 27 Jan 2018 15:05

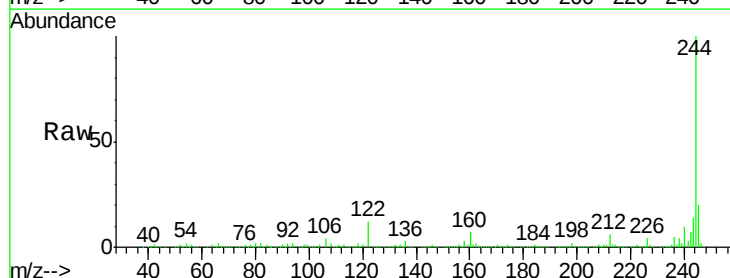
Tgt Ion:244 Resp: 866571

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

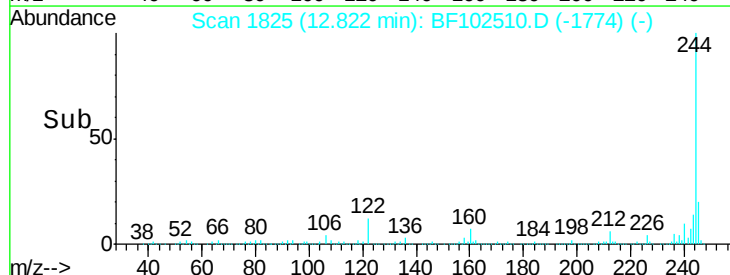
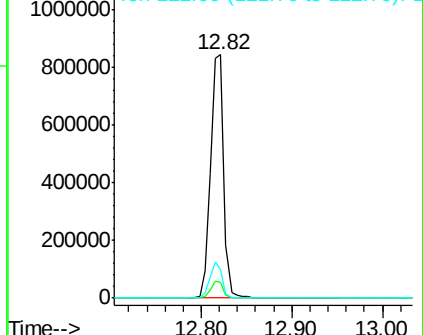
122 11.9 11.0 16.4

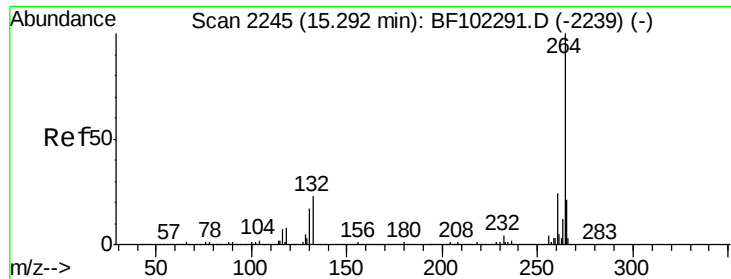


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102510.D
Acq: 27 Jan 2018 15:05

Instrument :
BNA_F
ClientSampleId :
FW-1-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.4	17.5	26.3

