

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102500.D
 Acq On : 27 Jan 2018 10:35
 Operator : SJ/JU
 Sample : J1256-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-1-(WW1-4)

Quant Time: Jan 27 20:55:24 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

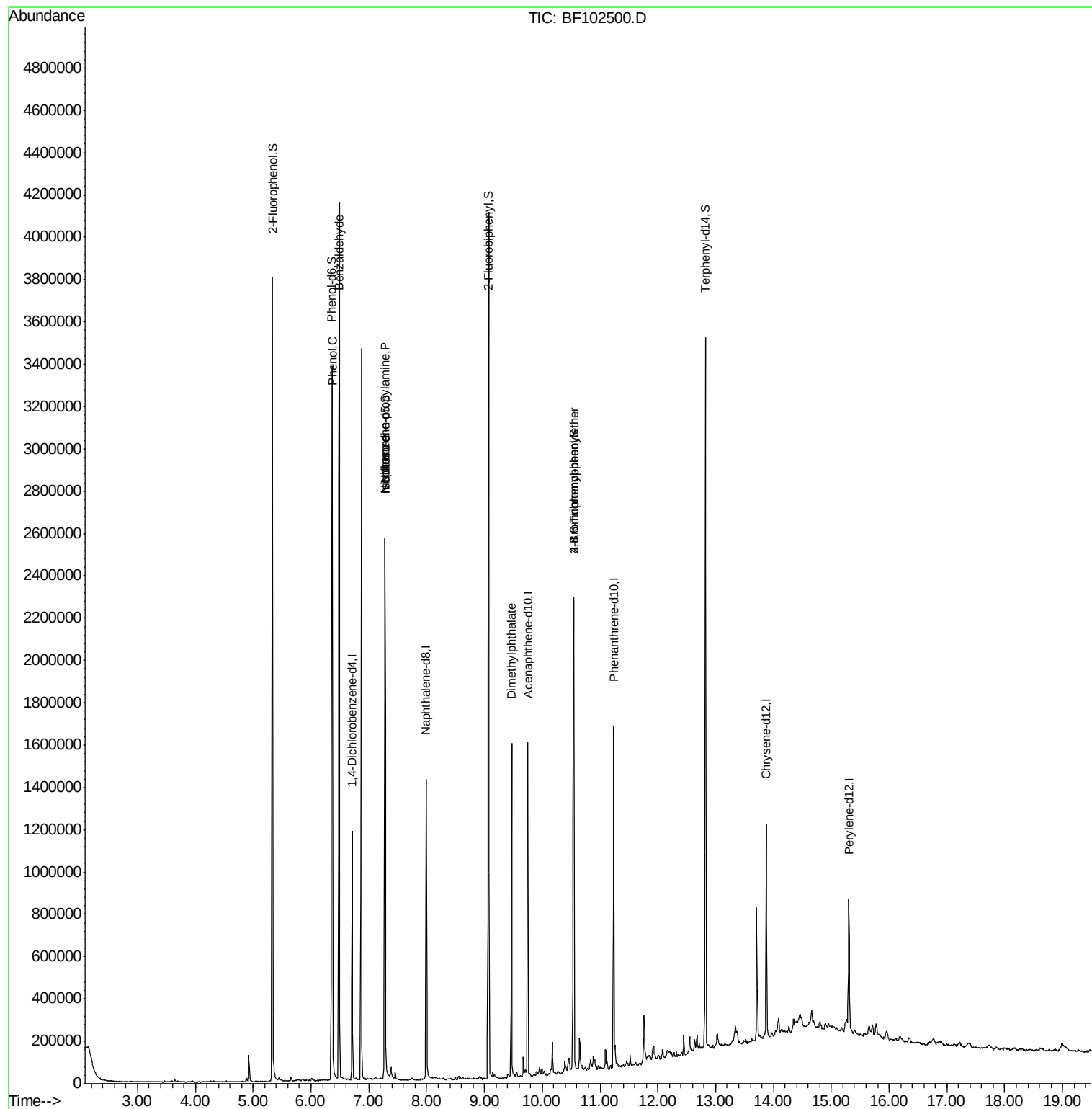
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	173485	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	722218	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	328639	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	547939	20.00	ng	0.00
75) Chrysene-d12	13.87	240	321657	20.00	ng	0.00
86) Perylene-d12	15.30	264	275006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1186708	103.72	ng	0.01
7) Phenol-d6	6.36	99	1468102	106.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	928360	73.87	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281288	86.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1437078	64.30	ng	0.00
78) Terphenyl-d14	12.82	244	1162173	81.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	25029	2.624	ng	87
10) Phenol	6.37	94	81047	5.382	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	125037	14.812	ng	# 81
25) Isophorone	7.28	82	923775	41.231	ng	# 64
49) Dimethylphthalate	9.47	163	582380	21.439	ng	100
66) 4-Bromophenyl-phenylether	10.55	248	19046	3.229	ng	# 1

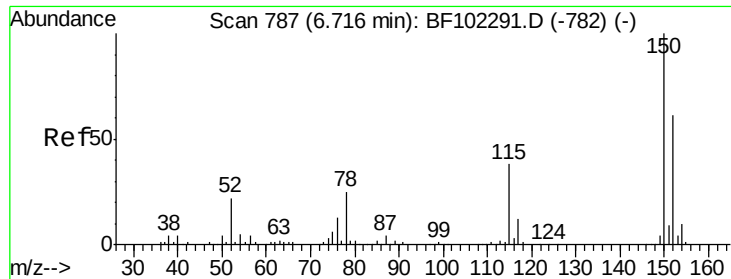
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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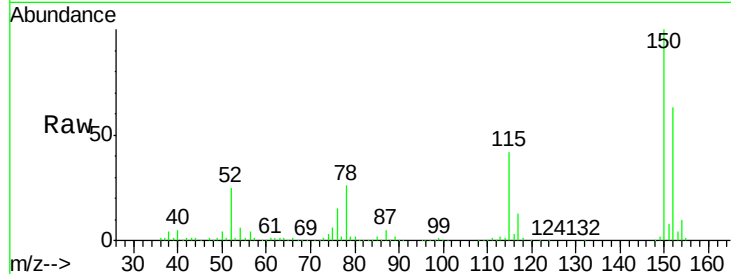


#1

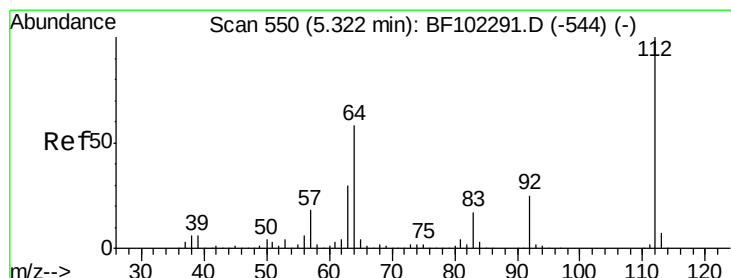
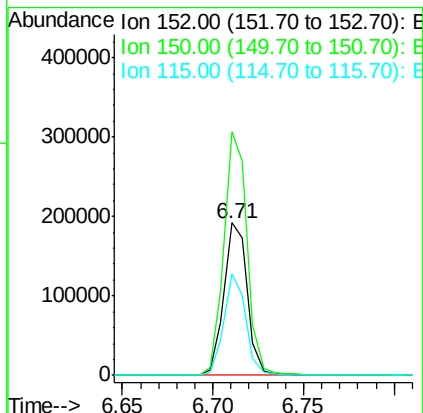
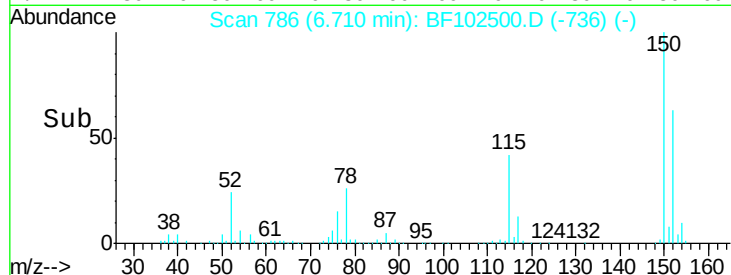
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102500.D
Acq: 27 Jan 2018 10:35

Instrument :
BNA_F
ClientSampleId :
8-SAN-1-(WW1-4)

Tgt Ion:152 Resp: 173485
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 66.8 50.1 75.1



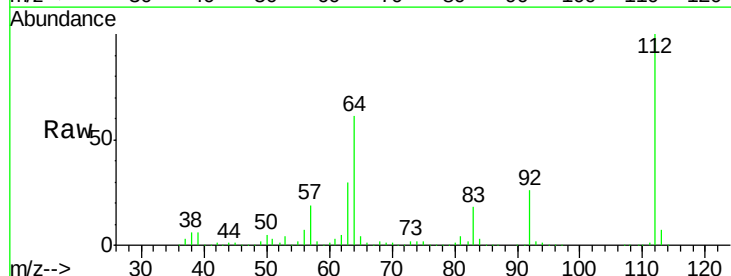
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



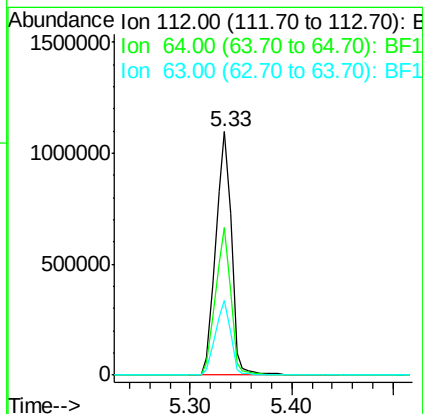
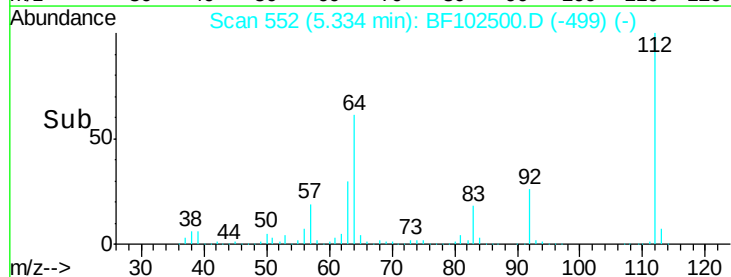
#5

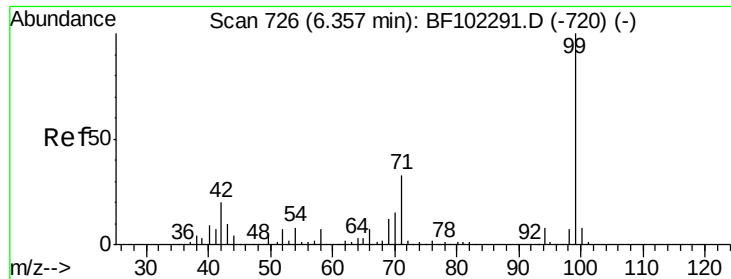
2-Fluorophenol
Concen: 103.718 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102500.D
Acq: 27 Jan 2018 10:35

Tgt Ion:112 Resp: 1186708
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.4 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: 106.431 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

Instrument :

BNA_F

ClientSampleId :

8-SAN-1-(WW1-4)

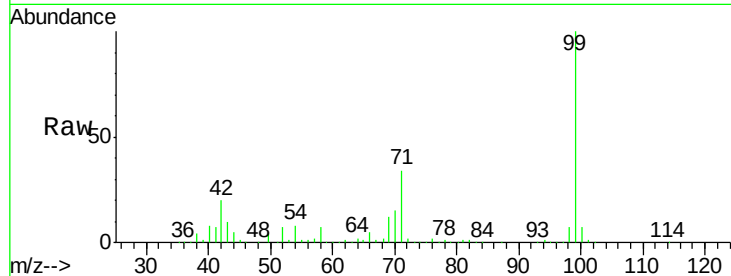
Tgt Ion: 99 Resp: 1468102

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

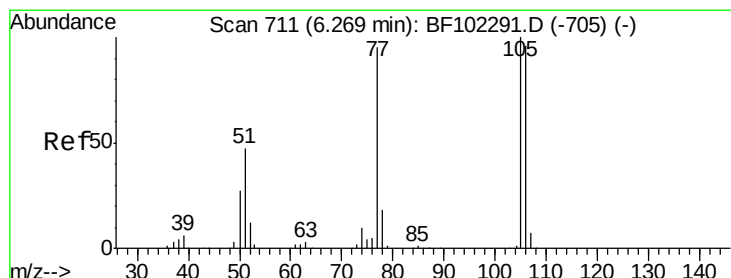
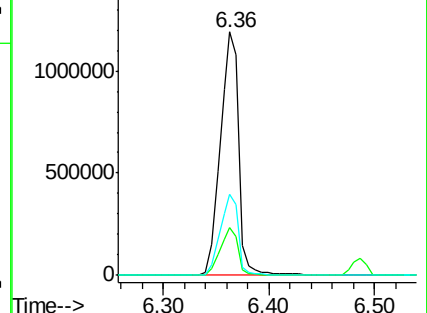
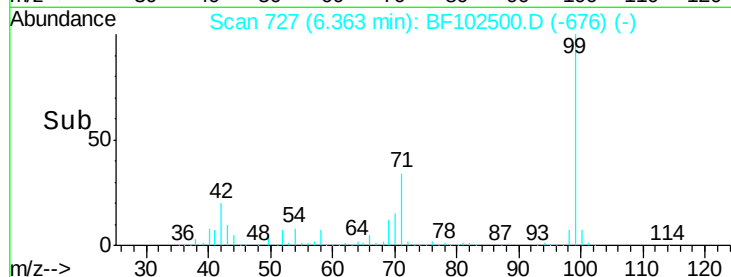
71 33.5 25.4 38.0



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: 2.624 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

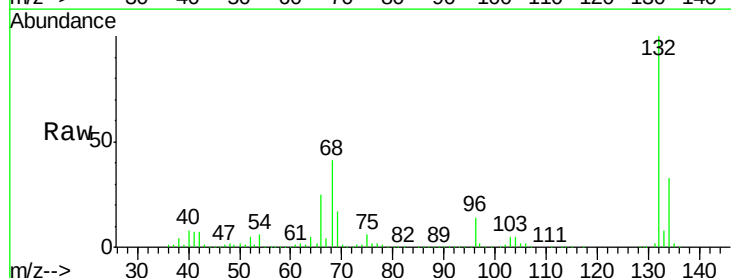
Tgt Ion: 77 Resp: 25029

Ion Ratio Lower Upper

77 100

105 87.0 81.1 121.1

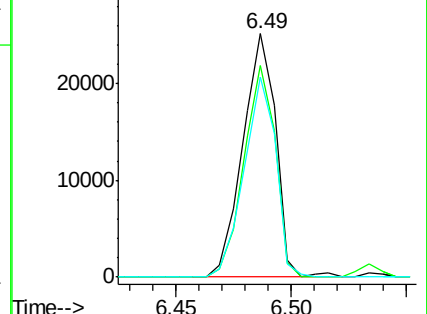
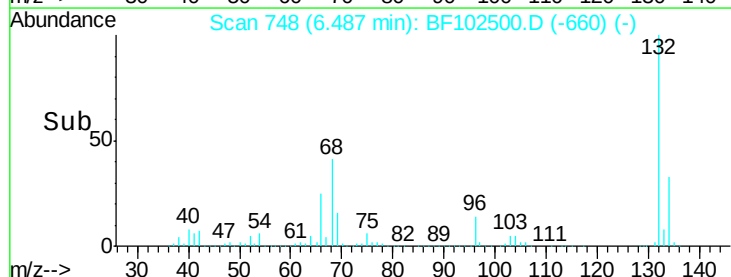
106 82.4 74.5 114.5

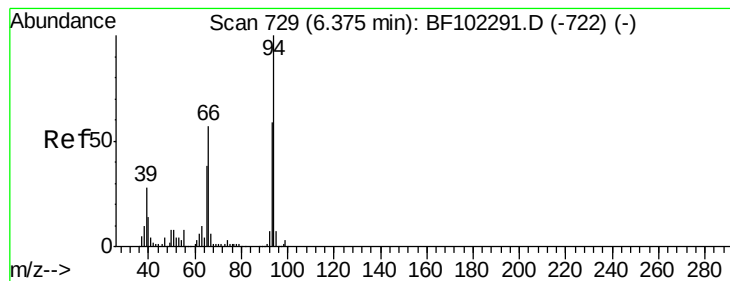


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 5.382 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

Instrument :

BNA_F

ClientSampleId :

8-SAN-1-(WW1-4)

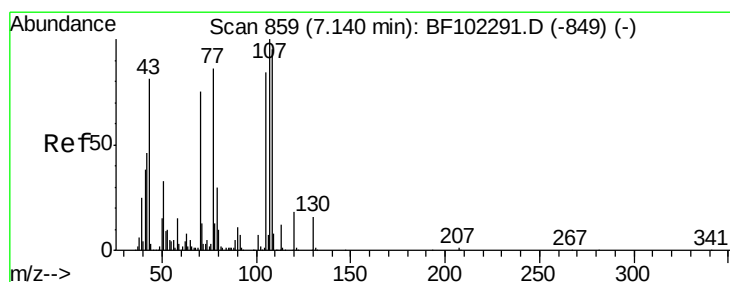
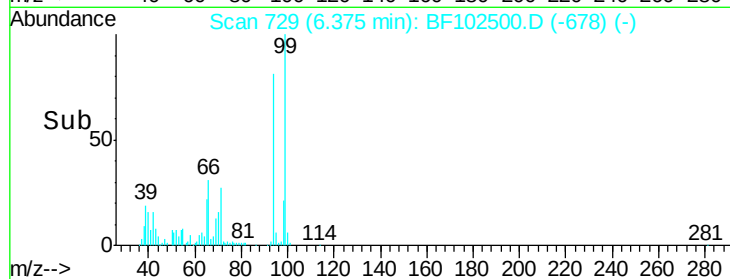
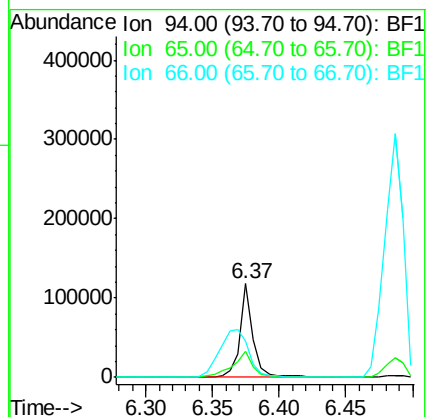
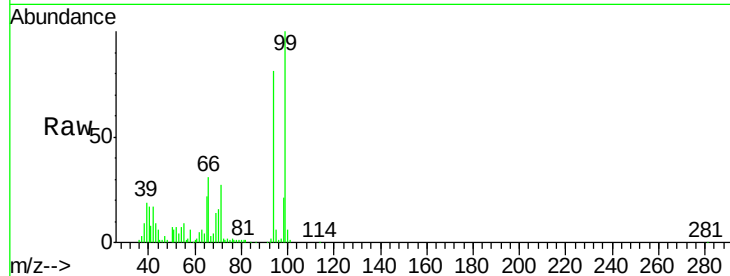
Tgt Ion: 94 Resp: 81047

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 38.4 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.812 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

Tgt Ion: 70 Resp: 125037

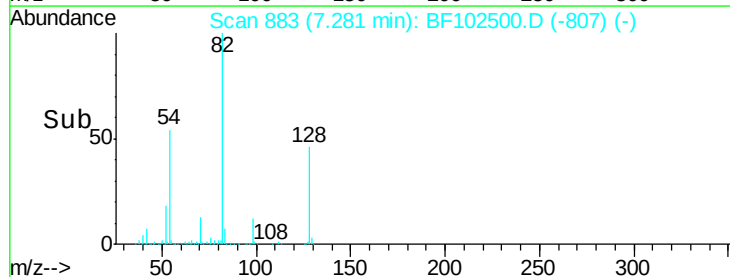
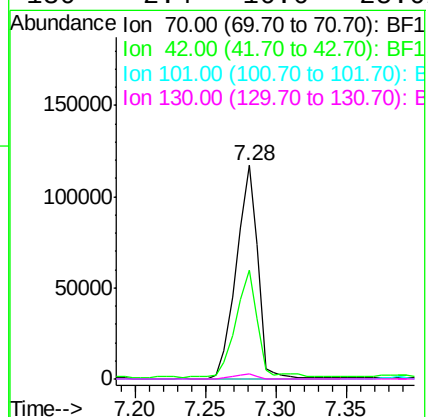
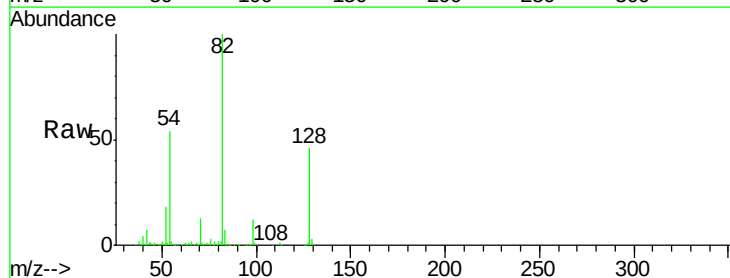
Ion Ratio Lower Upper

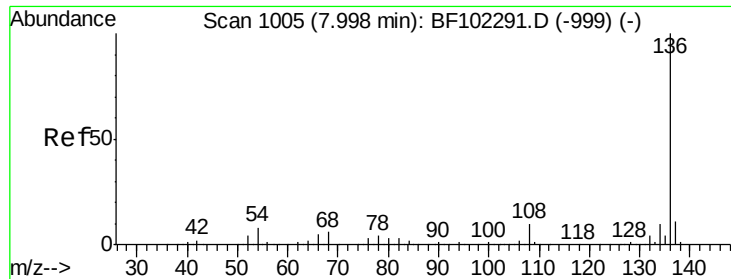
70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

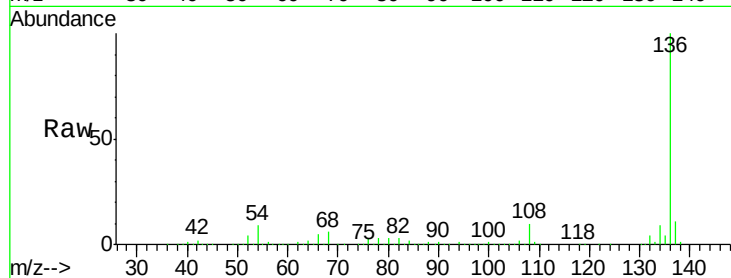




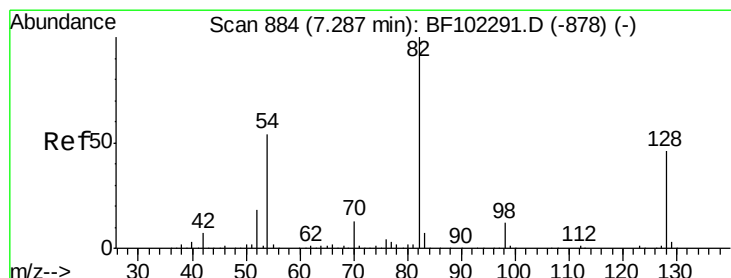
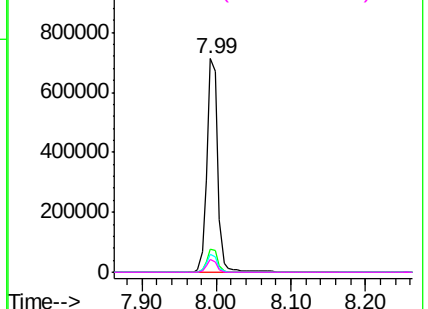
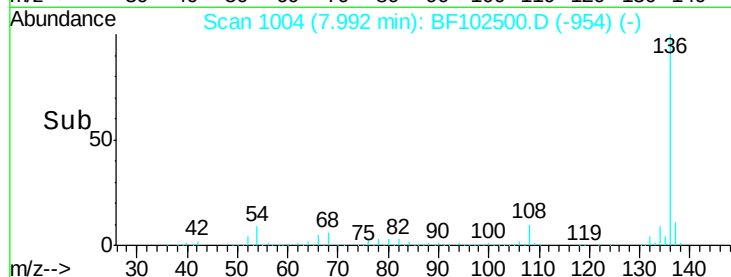
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102500.D
Acq: 27 Jan 2018 10:35

Instrument :
BNA_F
ClientSampleId :
8-SAN-1(WW1-4)

Tgt Ion: 136 Resp: 722218
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.6 6.6 9.8
68 6.3 5.0 7.4

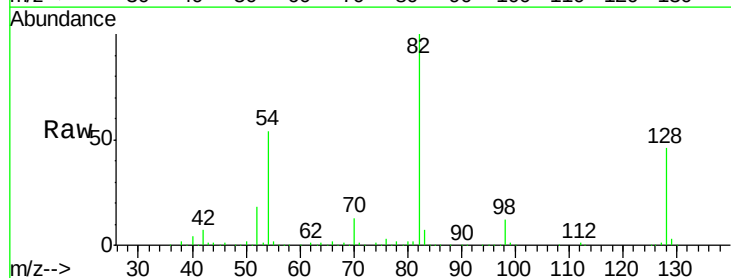


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

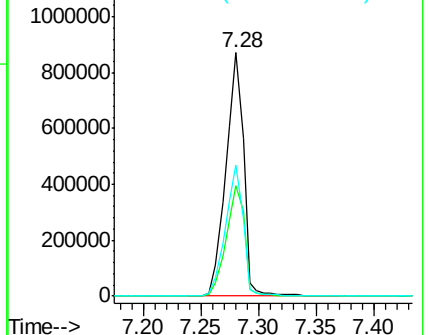
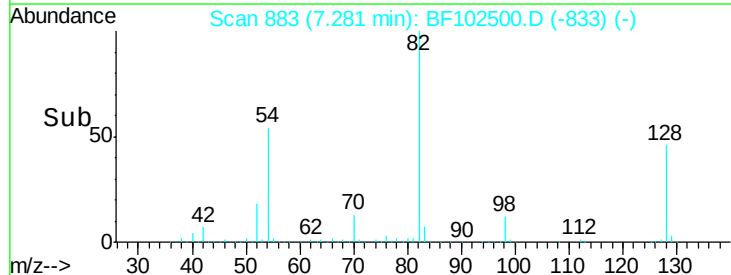


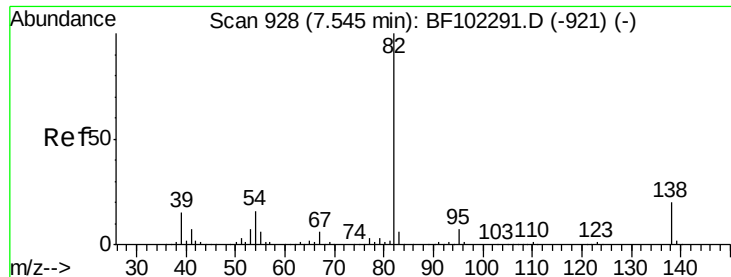
#23
Nitrobenzene-d5
Concen: 73.870 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102500.D
Acq: 27 Jan 2018 10:35

Tgt Ion: 82 Resp: 928360
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 54.0 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: 41.231 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

Instrument :

BNA_F

ClientSampleId :

8-SAN-1-(WW1-4)

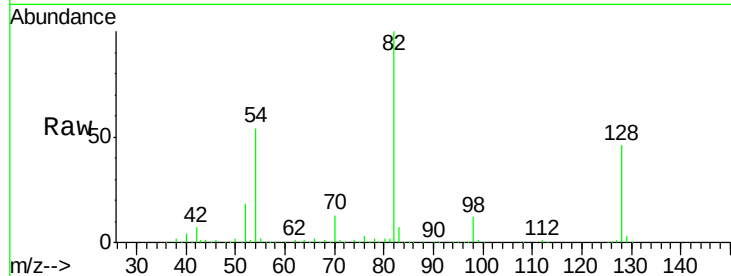
Tgt Ion: 82 Resp: 923775

Ion Ratio Lower Upper

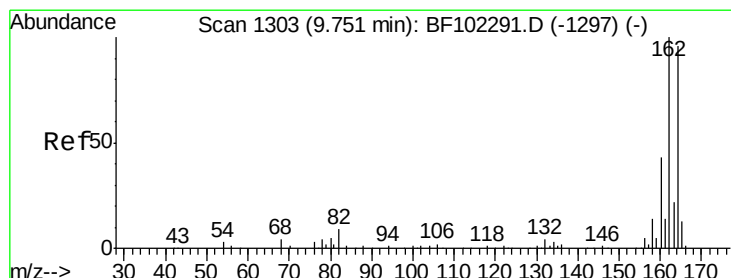
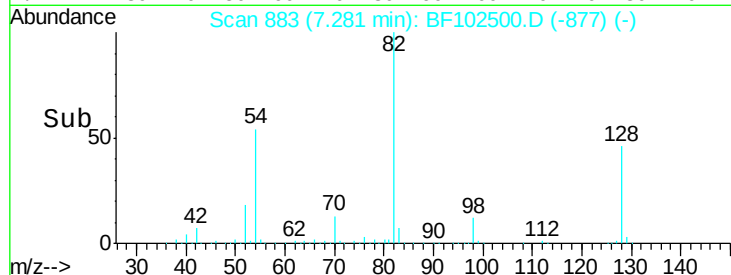
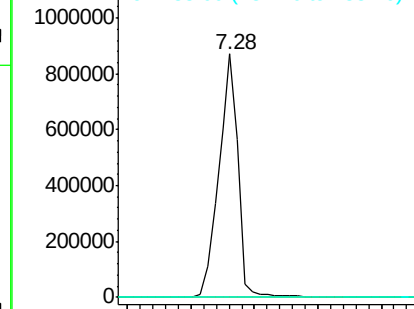
82 100

95 0.1 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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

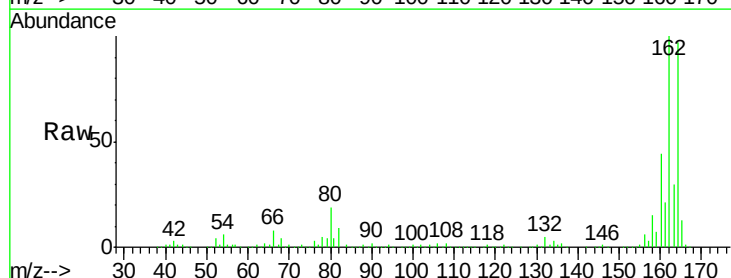
Tgt Ion: 164 Resp: 328639

Ion Ratio Lower Upper

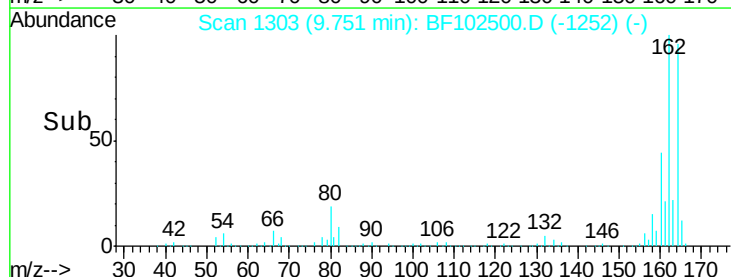
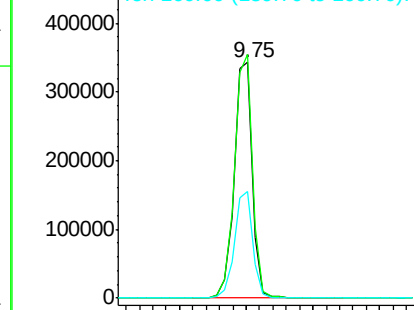
164 100

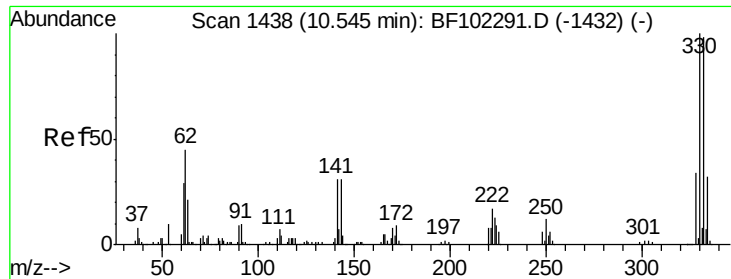
162 103.4 86.1 129.1

160 45.1 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

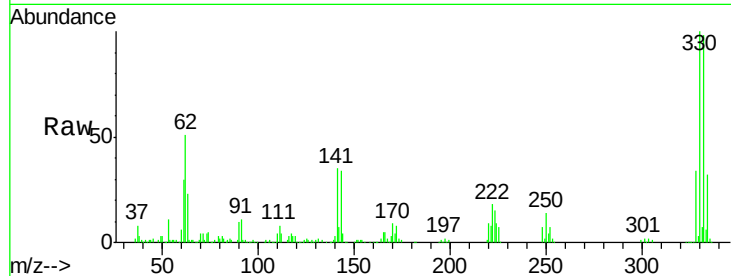




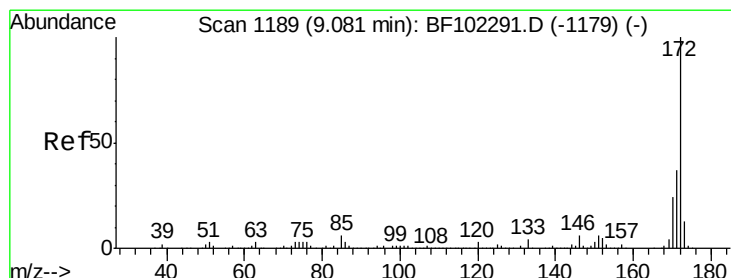
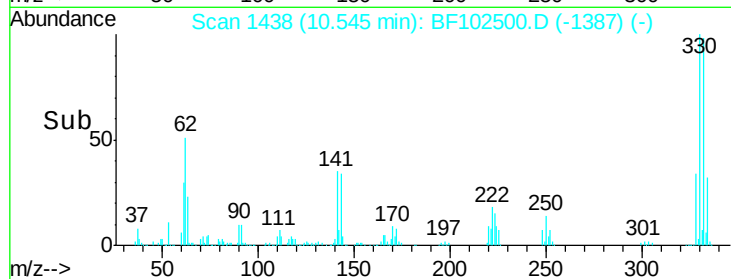
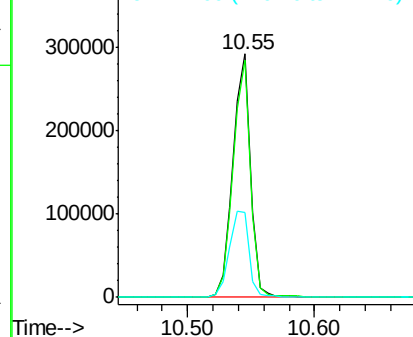
#41
 2,4,6-Tribromophenol
 Concen: 86.382 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102500.D
 Acq: 27 Jan 2018 10:35

Instrument :
 BNA_F
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 8-SAN-1-(WW1-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.3	29.9	44.9

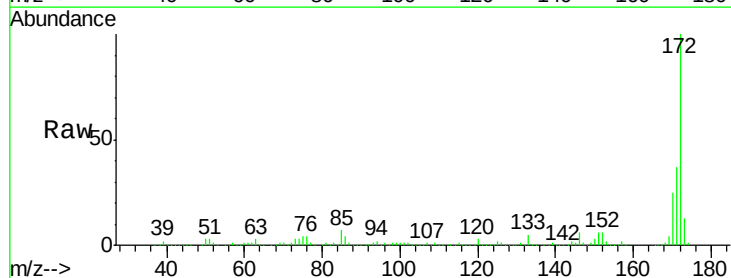


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

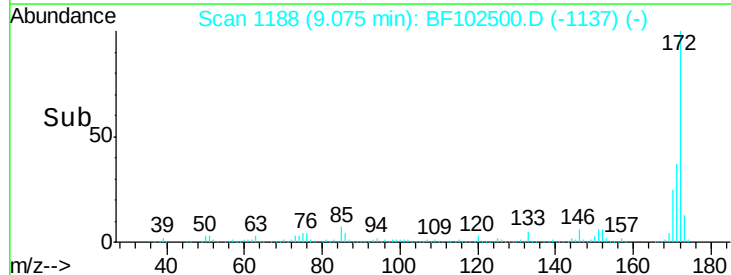
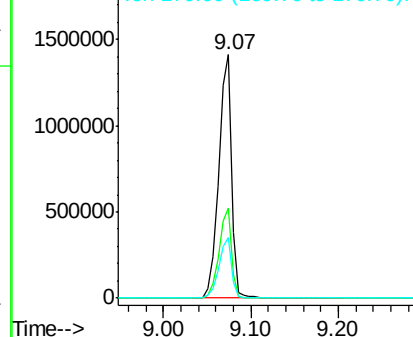


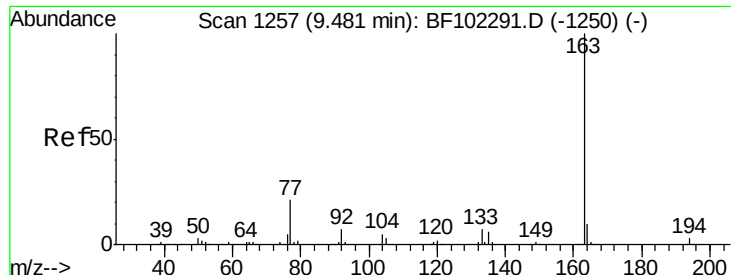
#44
 2-Fluorobiphenyl
 Concen: 64.296 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102500.D
 Acq: 27 Jan 2018 10:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	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

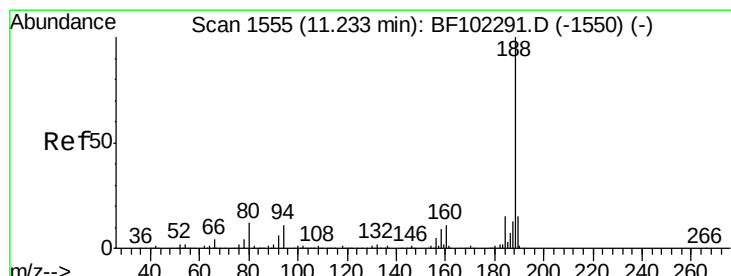
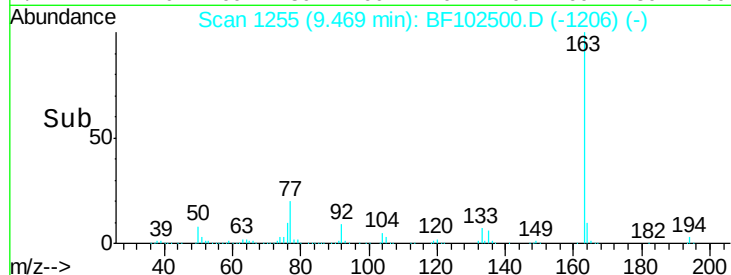
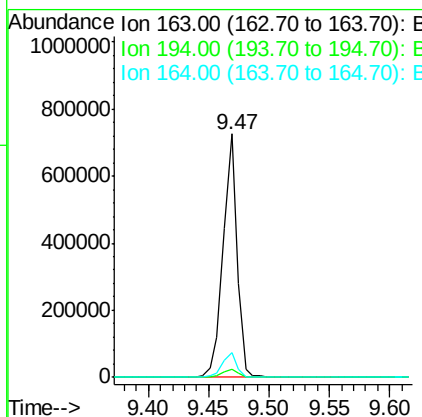
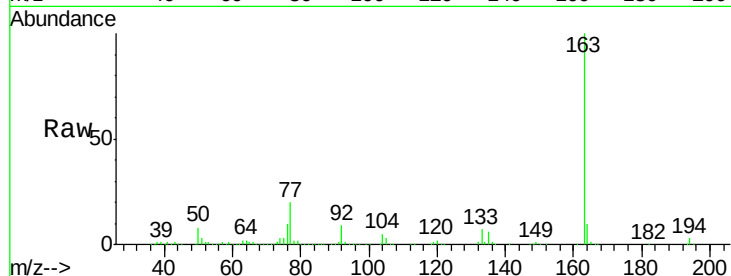




#49
 Dimethylphthalate
 Concen: 21.439 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102500.D
 Acq: 27 Jan 2018 10:35

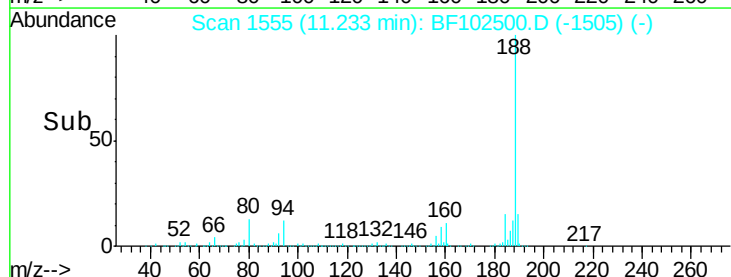
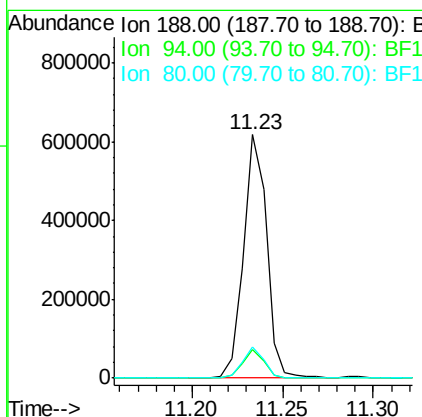
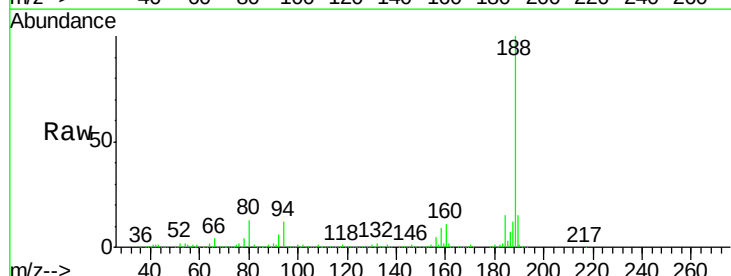
Instrument :
 BNA_F
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 8-SAN-1-(WW1-4)

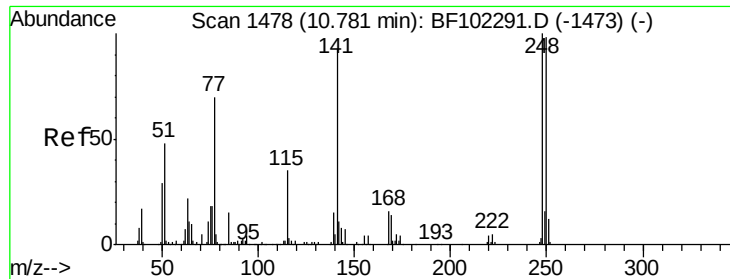
Tgt Ion:	163	Resp:	582380
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102500.D
 Acq: 27 Jan 2018 10:35

Tgt Ion:	188	Resp:	547939
Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.9	9.2	13.8

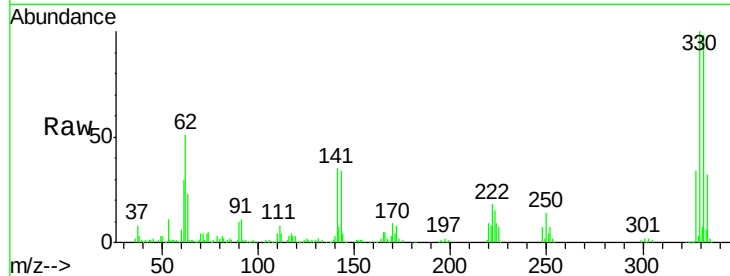




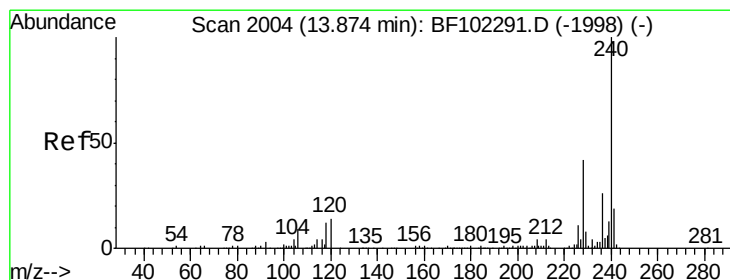
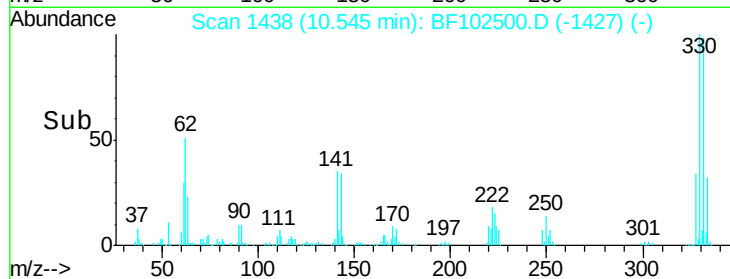
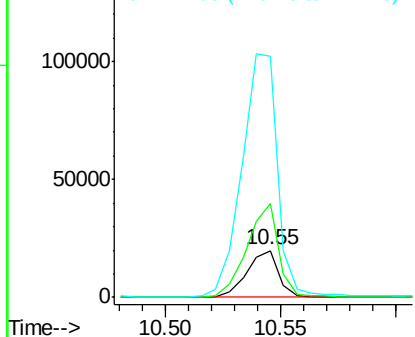
#66
 4-Bromophenyl-phenylether
 Concen: 3.229 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102500.D
 Acq: 27 Jan 2018 10:35

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-1-WW1-4

Tgt Ion:248 Resp: 19046
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.9 115.3#
 141 518.2 74.4 111.6#

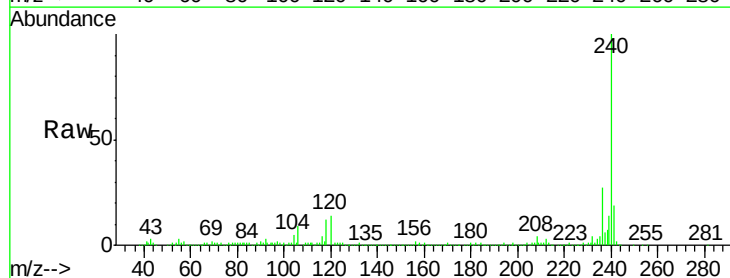


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

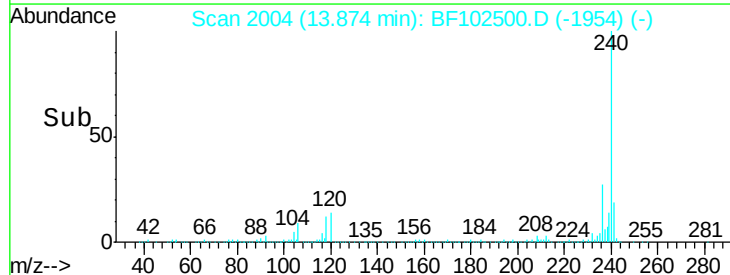
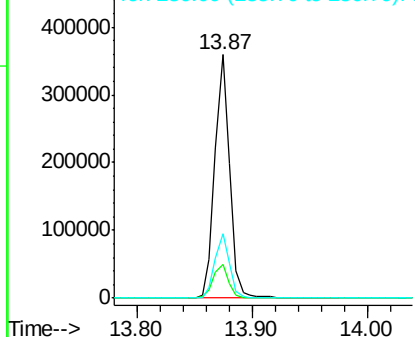


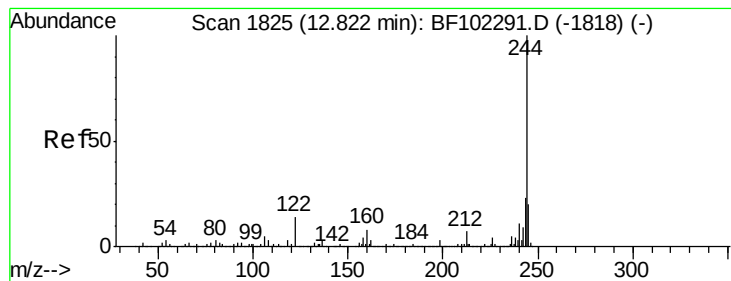
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102500.D
 Acq: 27 Jan 2018 10:35

Tgt Ion:240 Resp: 321657
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 26.6 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: 81.452 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

Instrument :

BNA_F

ClientSampleId :

8-SAN-1-(WW1-4)

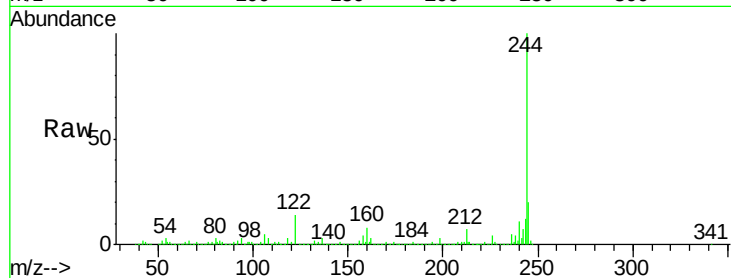
Tgt Ion:244 Resp: 1162173

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

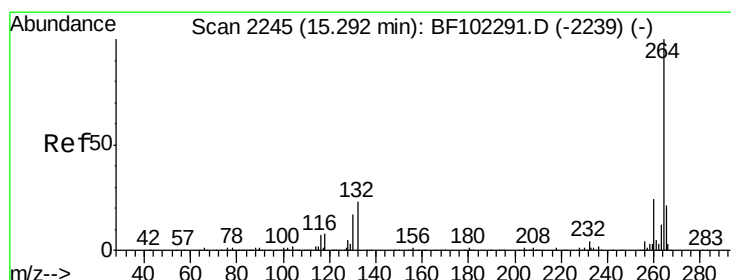
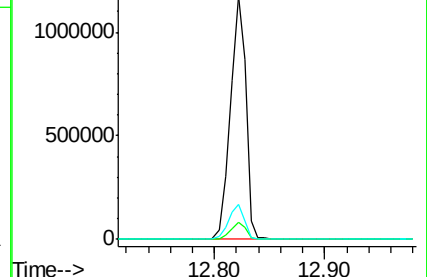
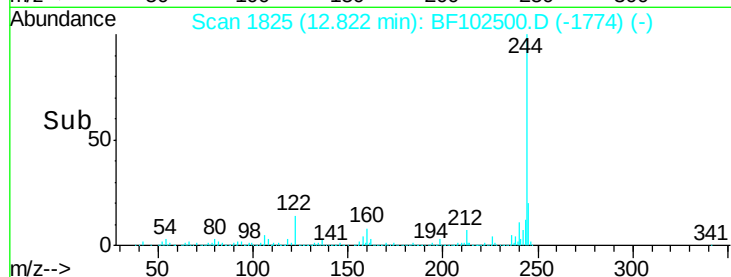
122 14.1 11.0 16.4



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# 2247

Delta R.T. 0.00 min

Lab File: BF102500.D

Acq: 27 Jan 2018 10:35

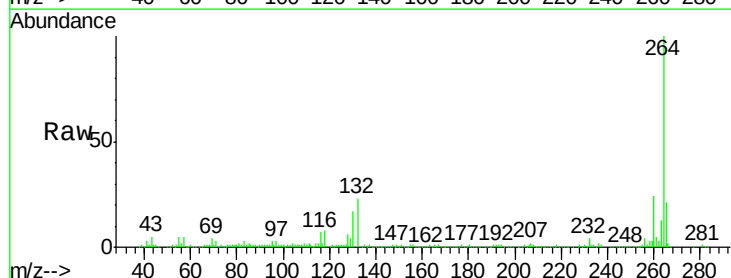
Tgt Ion:264 Resp: 275006

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.8 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

