

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102536.D
 Acq On : 28 Jan 2018 2:59
 Operator : SJ/JU
 Sample : J1290-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-6.5-7.0

Quant Time: Jan 28 03:44:50 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

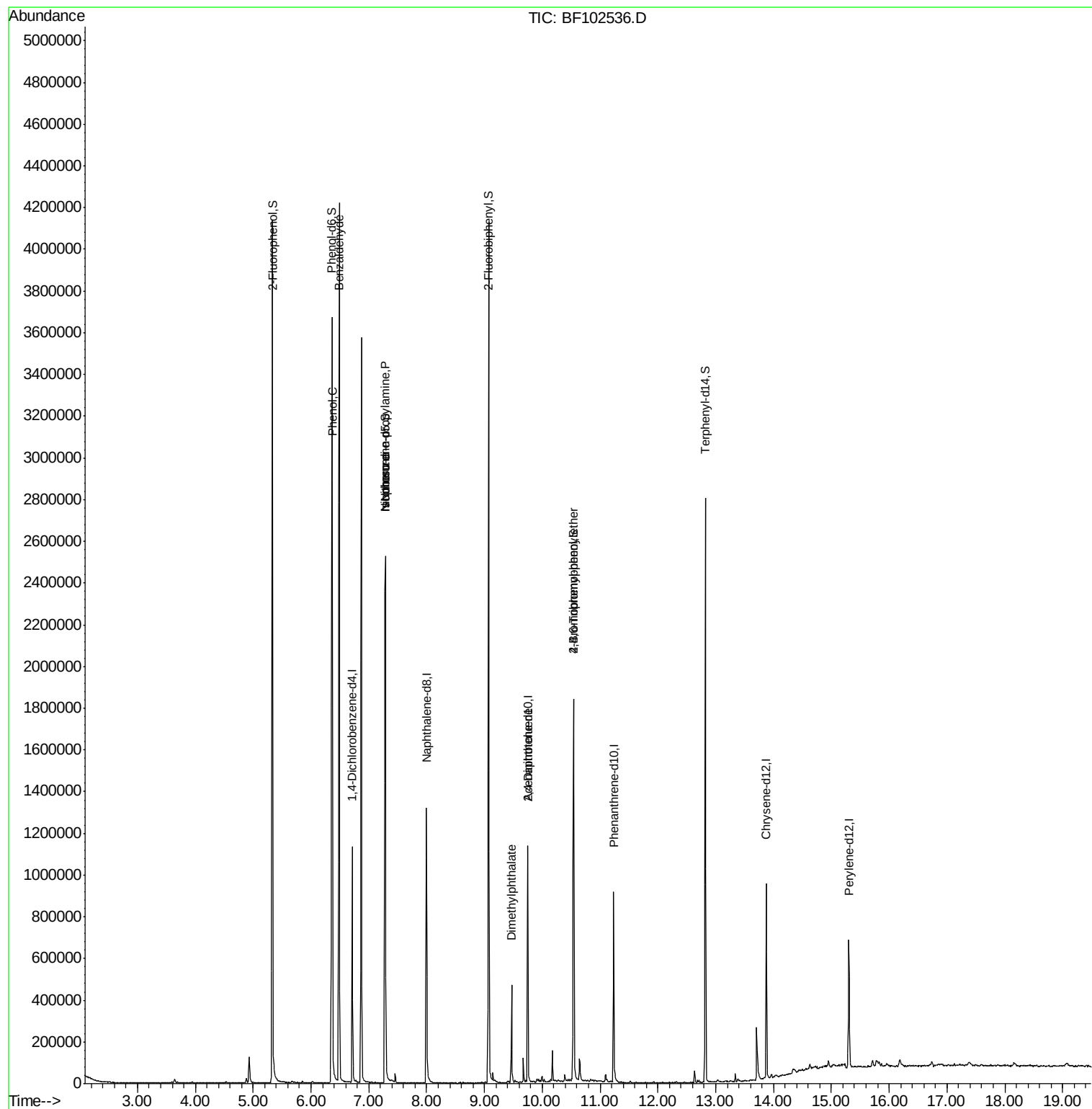
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170739	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	653849	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	236577	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	337312	20.00	ng	0.00
75) Chrysene-d12	13.87	240	308958	20.00	ng	0.00
86) Perylene-d12	15.30	264	256237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1316549	116.92	ng	0.01
7) Phenol-d6	6.36	99	1585801	116.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	952806	83.74	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	205468	87.65	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1355247	84.23	ng	0.00
78) Terphenyl-d14	12.82	244	911292	66.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	26227	2.786	ng	91
10) Phenol	6.37	94	74722	5.042	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	126237	15.195	ng	# 77
25) Isophorone	7.29	82	943653	46.522	ng	# 64
49) Dimethylphthalate	9.47	163	197263	10.088	ng	100
56) 2,4-Dinitrotoluene	9.75	165	30336	5.851	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14108	3.885	ng	# 1

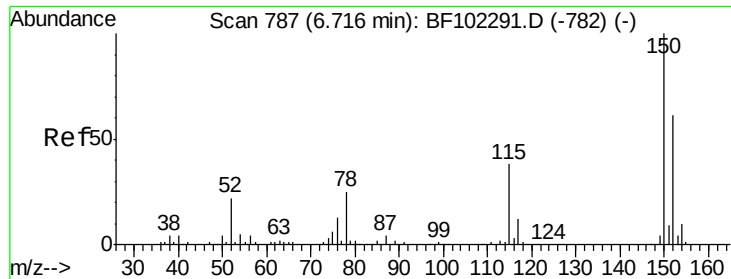
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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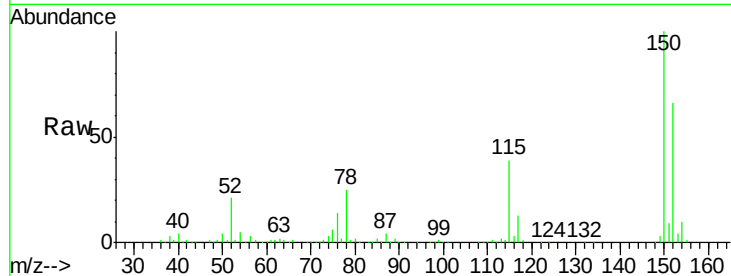


#1

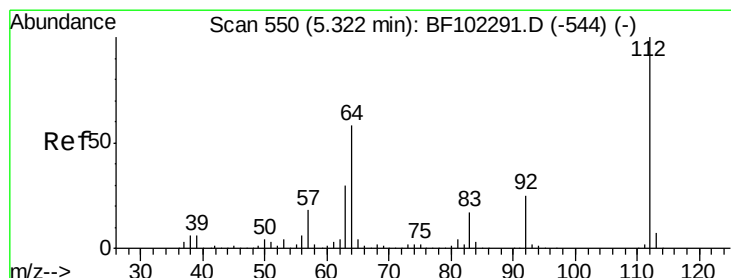
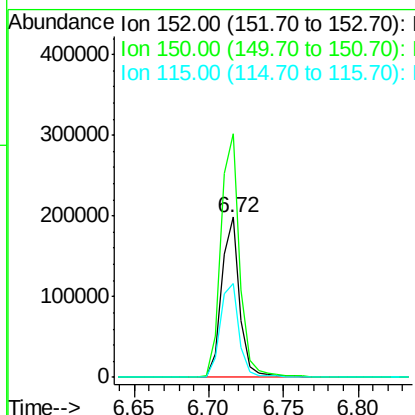
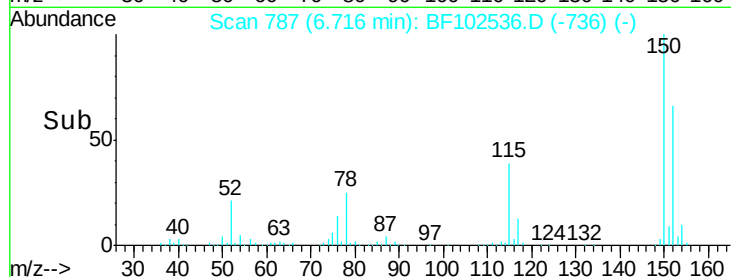
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SB-43-6.5-7.0

Tgt Ion:152 Resp: 170739
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 58.8 50.1 75.1



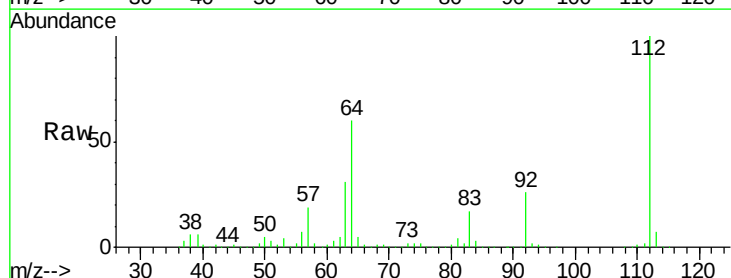
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



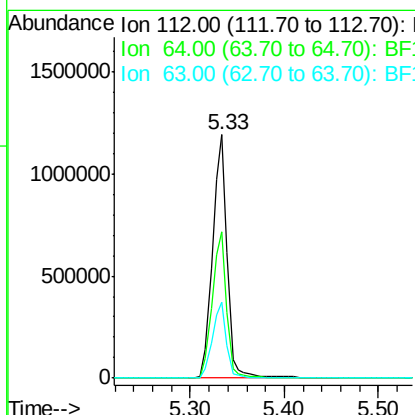
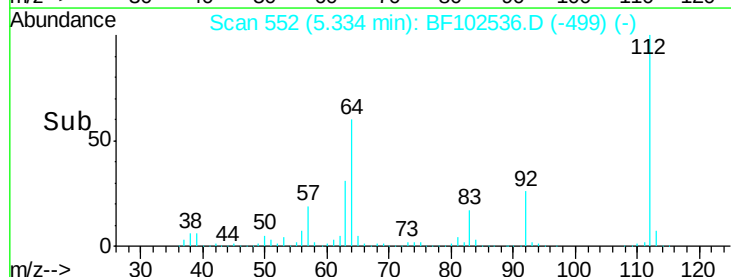
#5

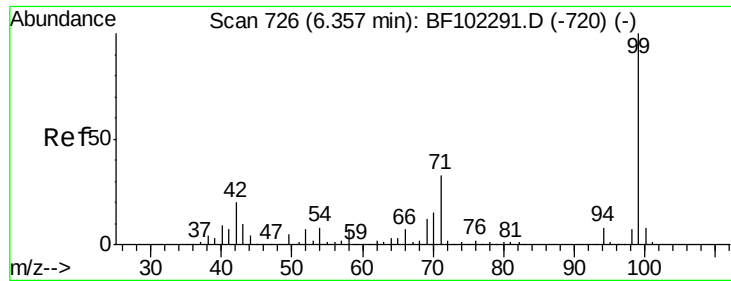
2-Fluorophenol
Concen: 116.917 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

Tgt Ion:112 Resp: 1316549
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.1 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: 116.813 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

Instrument :

BNA_F

ClientSampleId :

SB-43-6.5-7.0

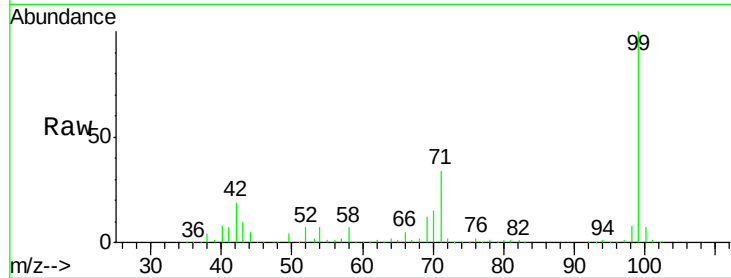
Tgt Ion: 99 Resp: 1585801

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

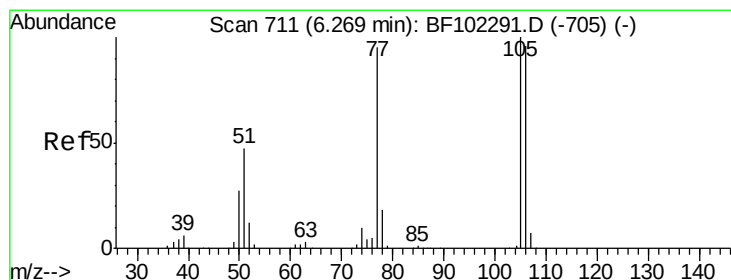
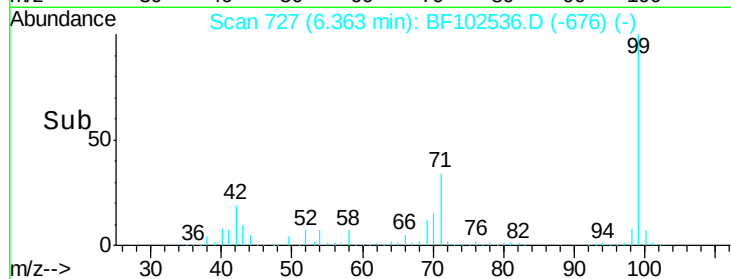
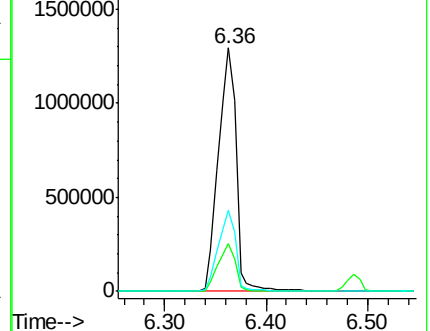
71 33.5 25.4 38.0



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: 2.786 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

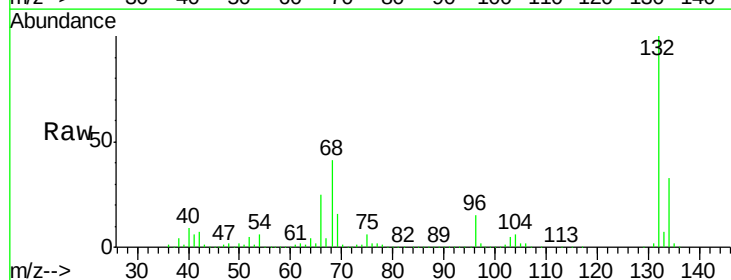
Tgt Ion: 77 Resp: 26227

Ion Ratio Lower Upper

77 100

105 94.4 81.1 121.1

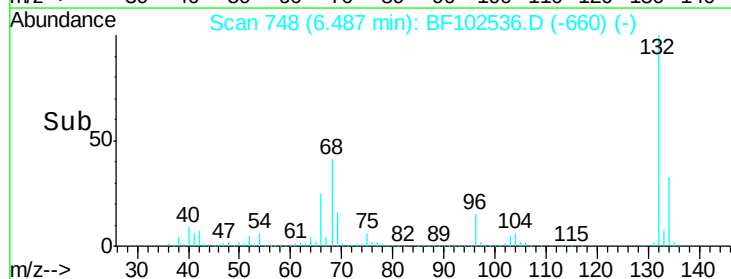
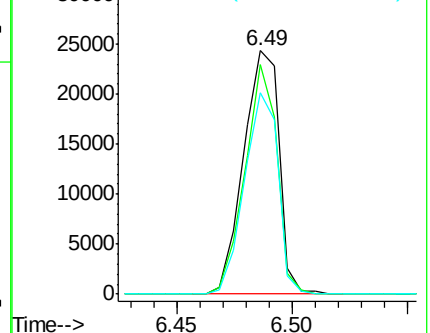
106 82.8 74.5 114.5

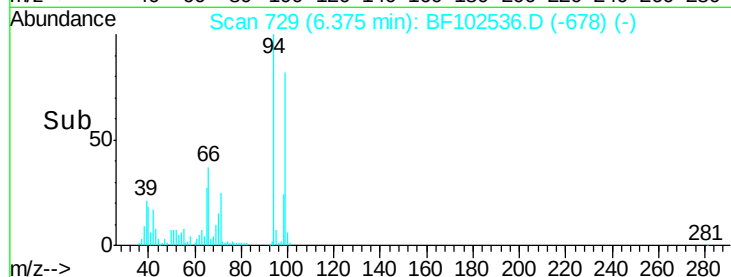
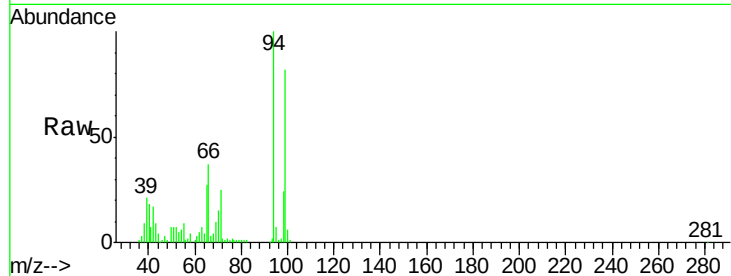
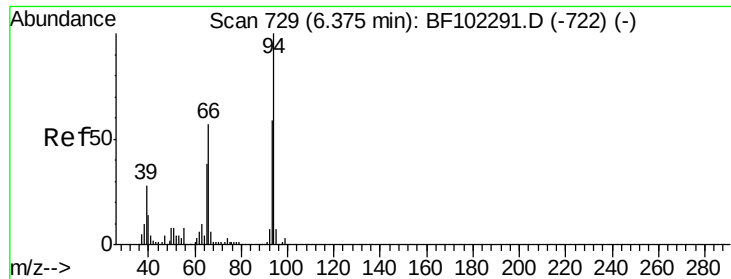


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 5.042 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

Instrument :

BNA_F

ClientSampleId :

SB-43-6.5-7.0

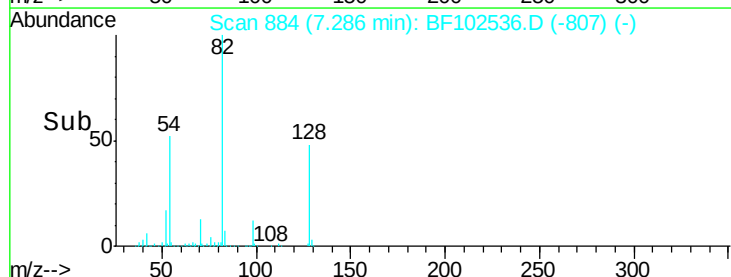
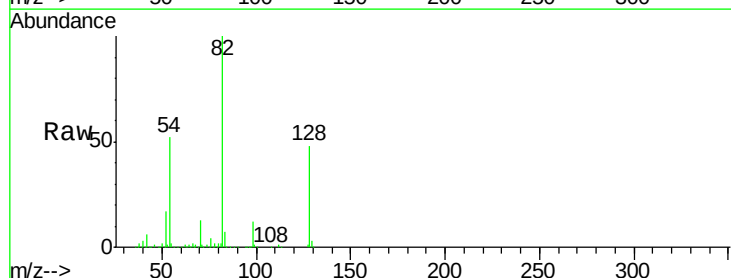
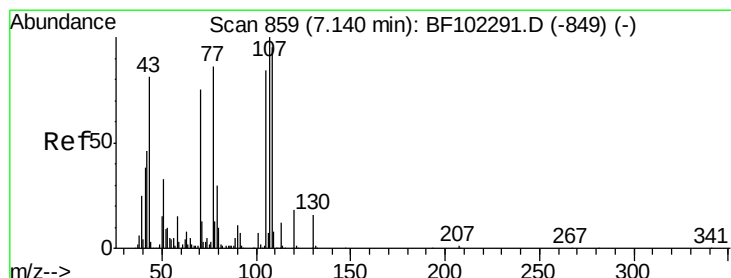
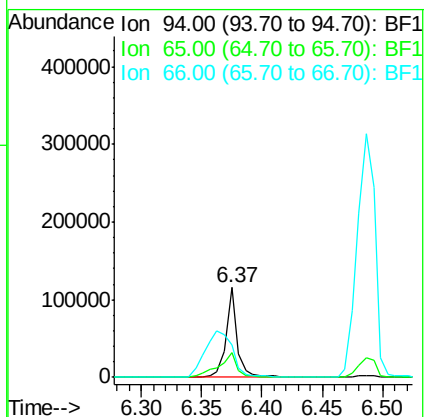
Tgt Ion: 94 Resp: 74722

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 36.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.195 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

Tgt Ion: 70 Resp: 126237

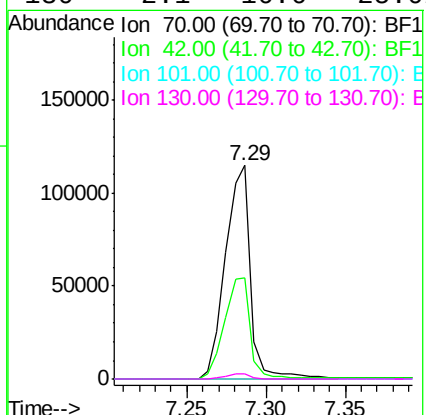
Ion Ratio Lower Upper

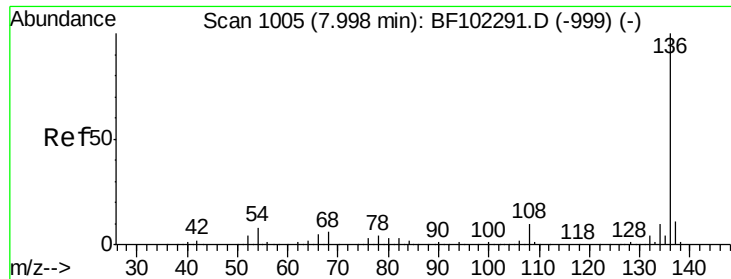
70 100

42 47.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

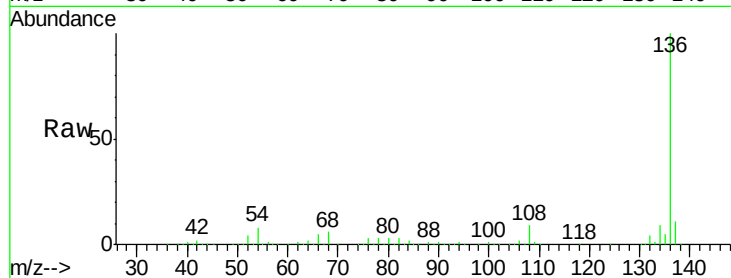




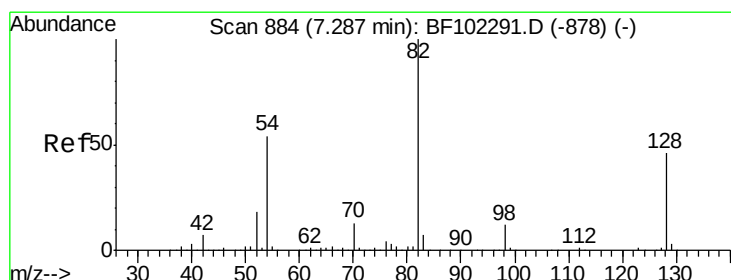
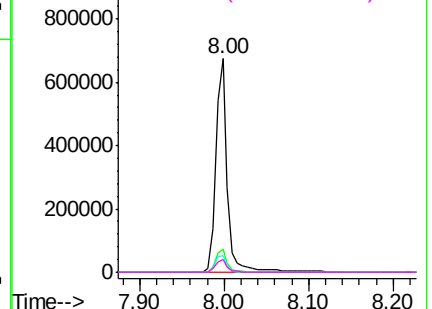
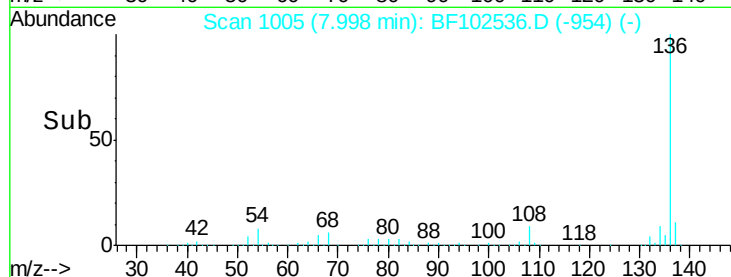
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SB-43-6.5-7.0

Tgt Ion:	136	Resp:	653849
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4

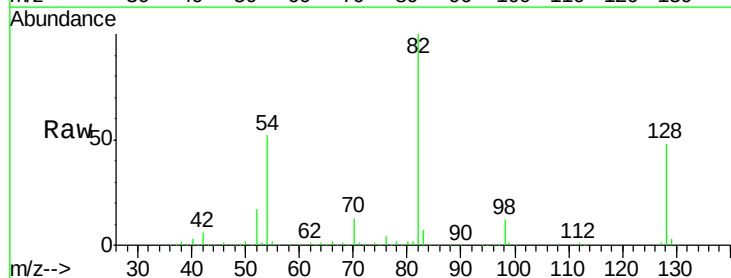


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

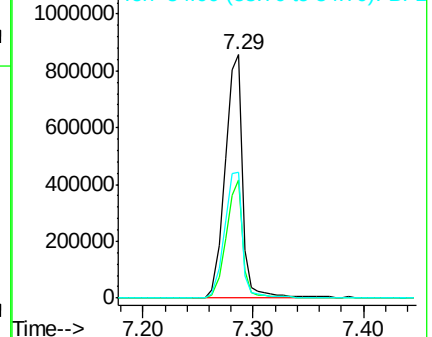
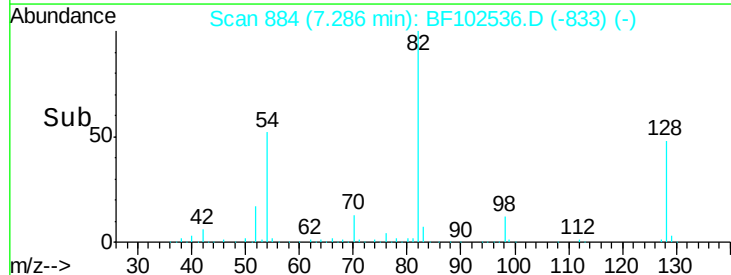


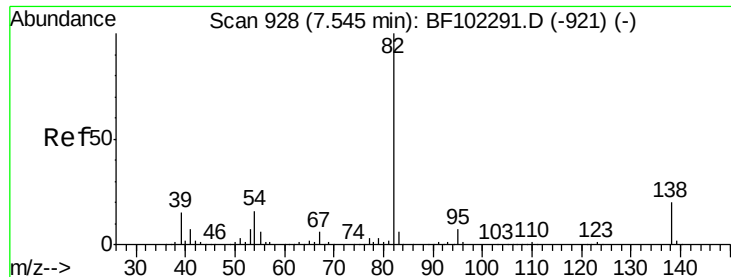
#23
Nitrobenzene-d5
Concen: 83.742 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

Tgt Ion:	82	Resp:	952806
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	51.8	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: 46.522 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

Instrument :

BNA_F

ClientSampleId :

SB-43-6.5-7.0

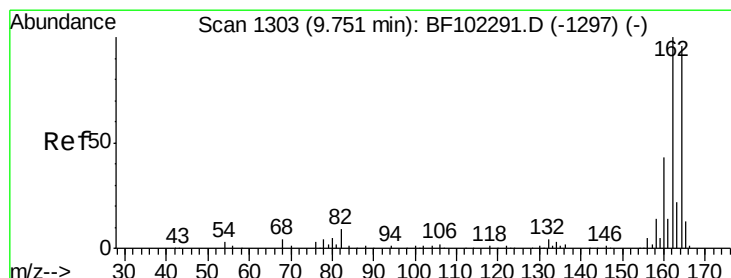
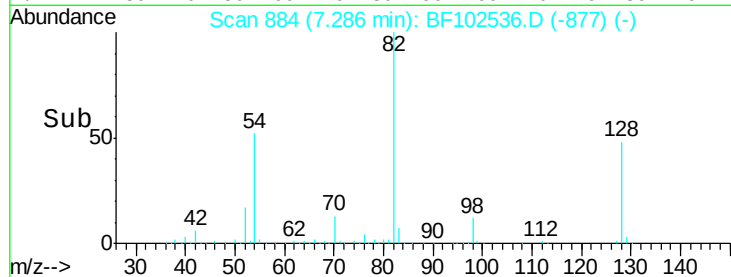
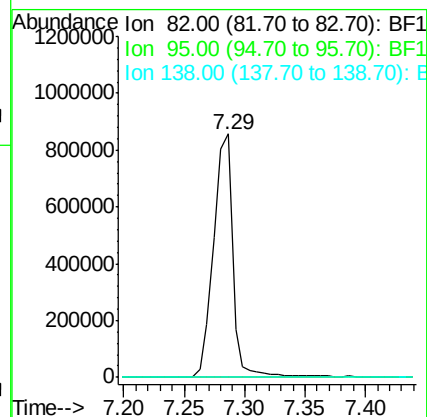
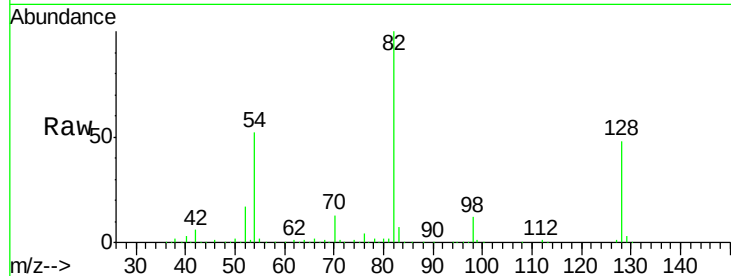
Tgt Ion: 82 Resp: 943653

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

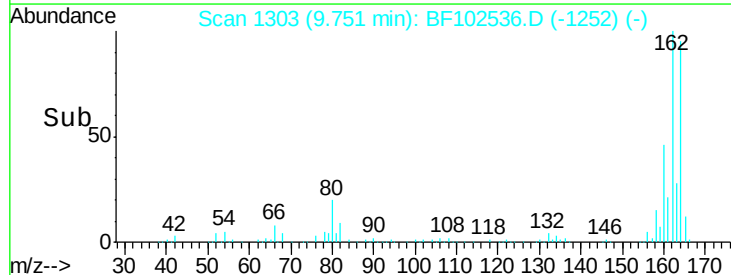
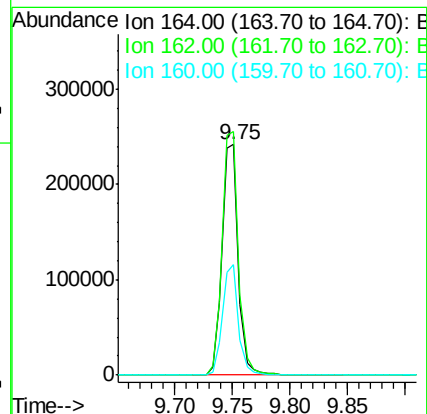
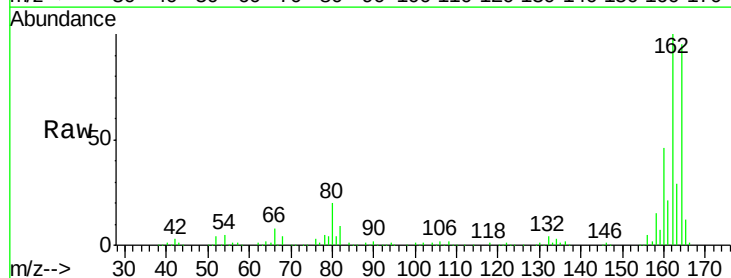
Tgt Ion: 164 Resp: 236577

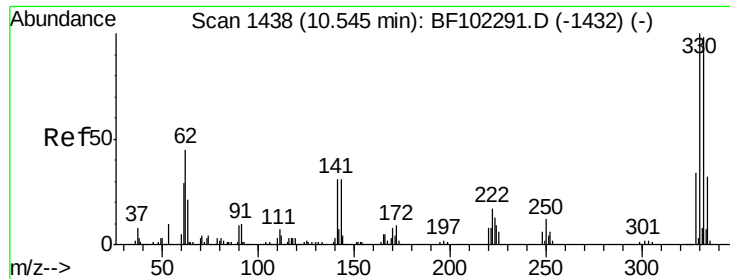
Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

160 48.2 38.3 57.5

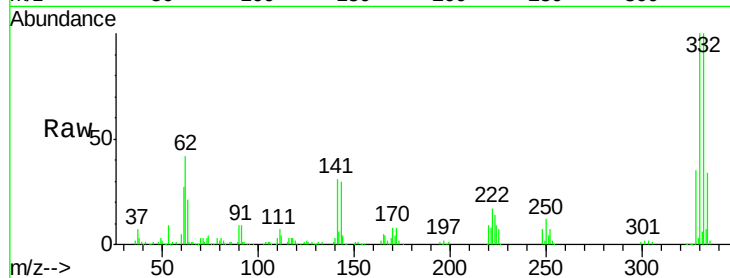




#41
 2,4,6-Tribromophenol
 Concen: 87.652 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102536.D
 Acq: 28 Jan 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-43-6.5-7.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	41.8	29.9	44.9

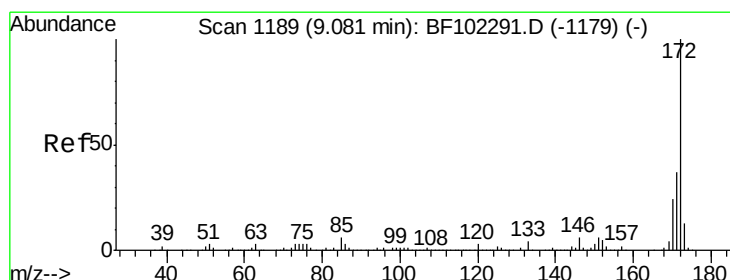
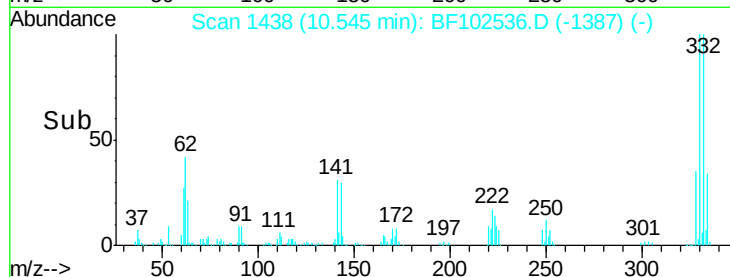
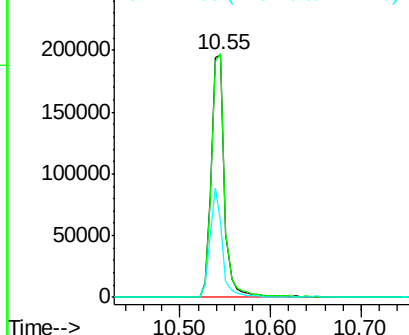


Abundance

Ion 329.80 (329.50 to 330.50): E

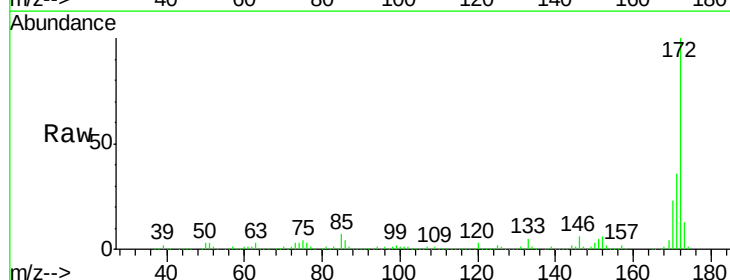
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.230 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102536.D
 Acq: 28 Jan 2018 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4

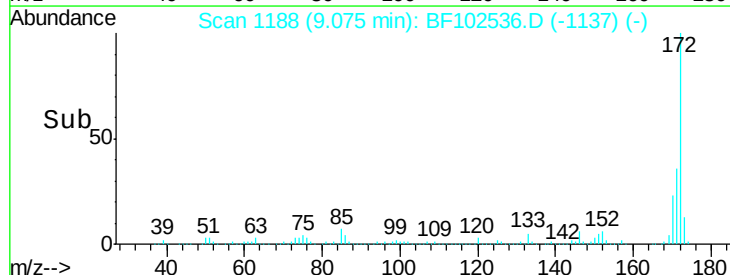
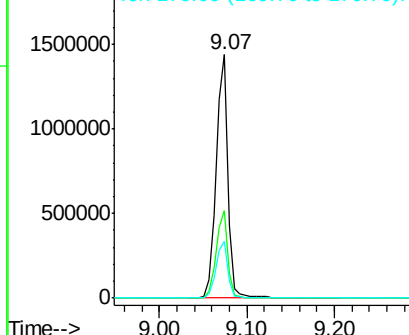


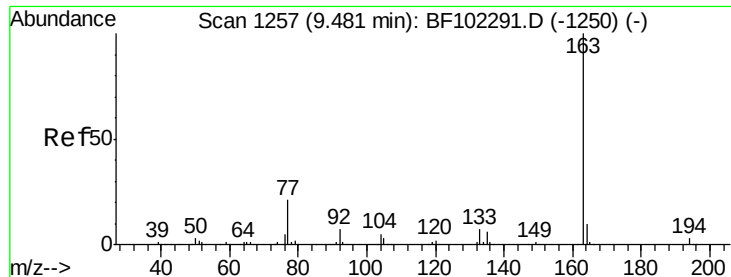
Abundance

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

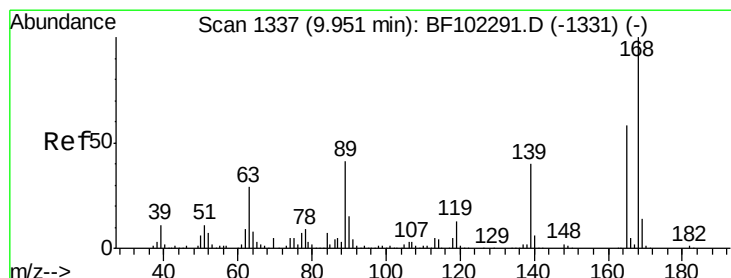
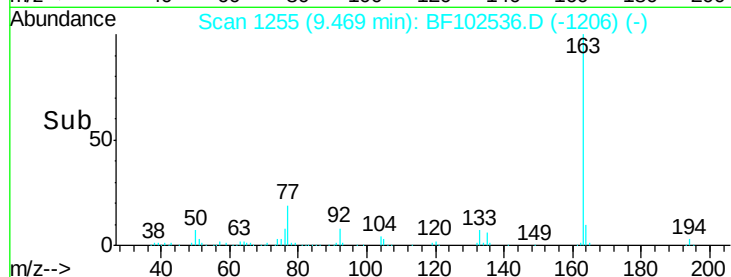
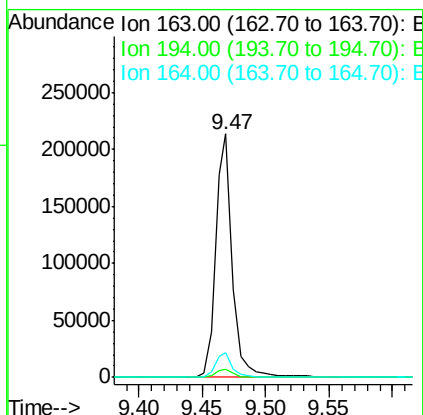
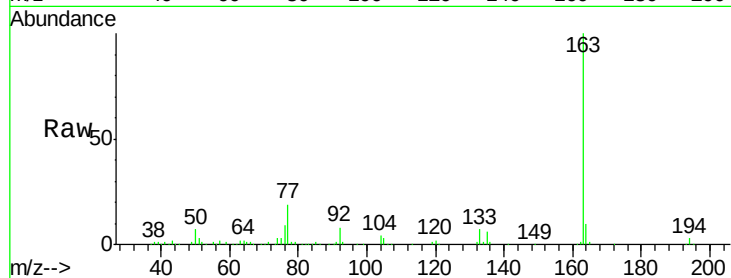




#49
Dimethylphthalate
Concen: 10.088 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

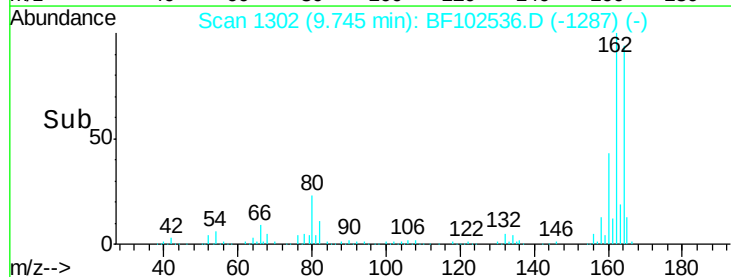
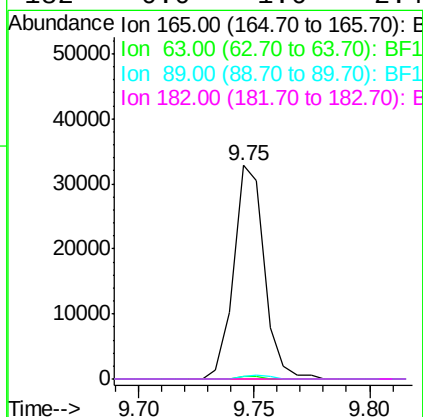
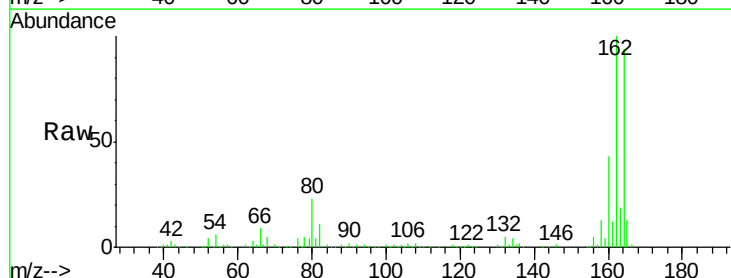
Instrument :
BNA_F
ClientSampleId :
SB-43-6.5-7.0

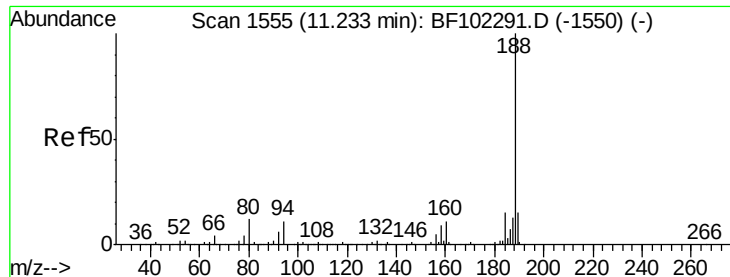
Tgt Ion:163 Resp: 197263
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.3 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.851 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

Tgt Ion:165 Resp: 30336
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#

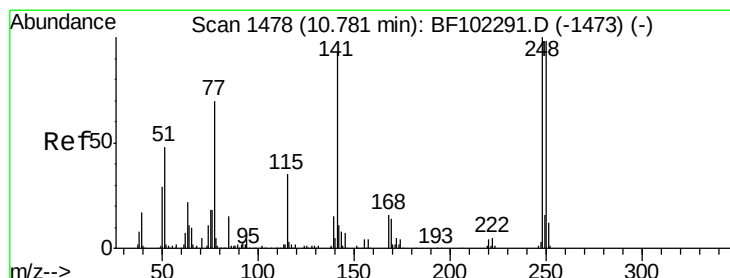
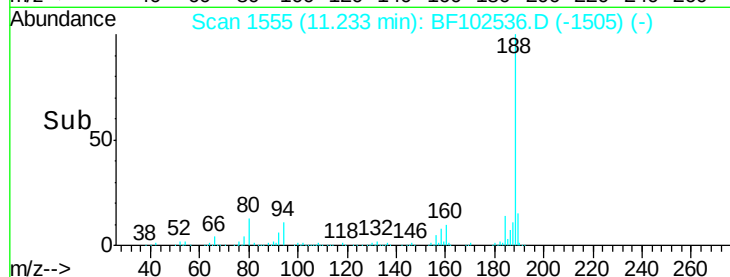
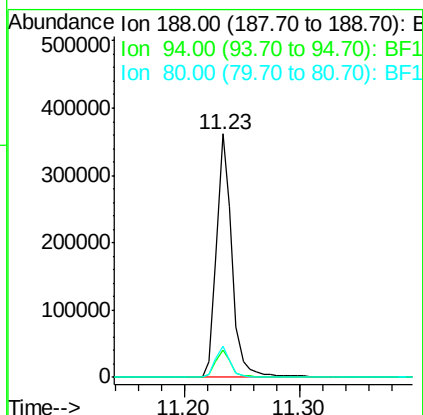
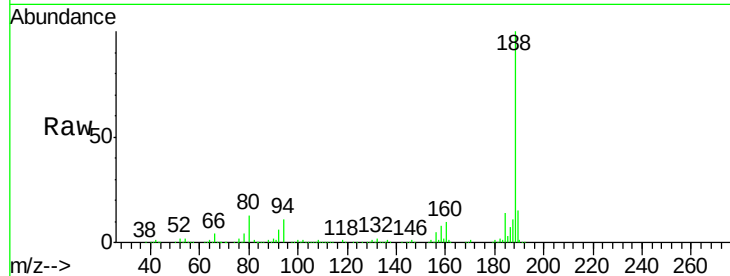




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

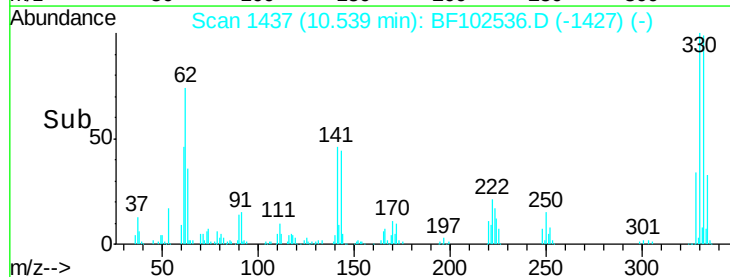
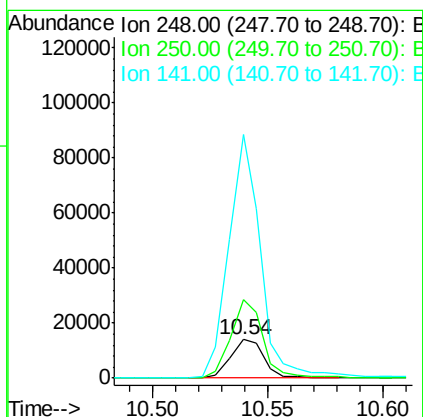
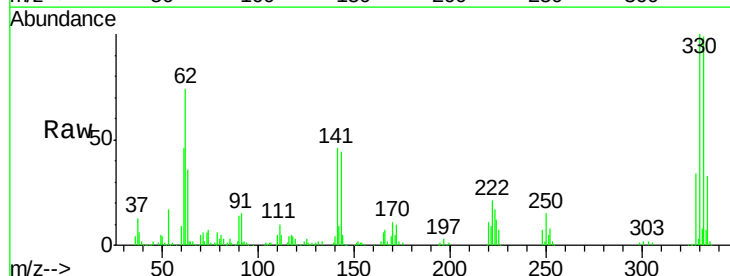
Instrument :
BNA_F
ClientSampleId :
SB-43-6.5-7.0

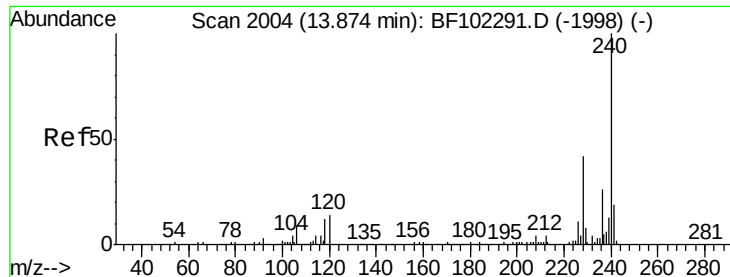
Tgt Ion:188 Resp: 337312
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.885 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102536.D
Acq: 28 Jan 2018 2:59

Tgt Ion:248 Resp: 14108
Ion Ratio Lower Upper
248 100
250 205.7 76.9 115.3#
141 635.5 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: BF102536.D

Acq: 28 Jan 2018 2:59

Instrument :

BNA_F

ClientSampleId :

SB-43-6.5-7.0

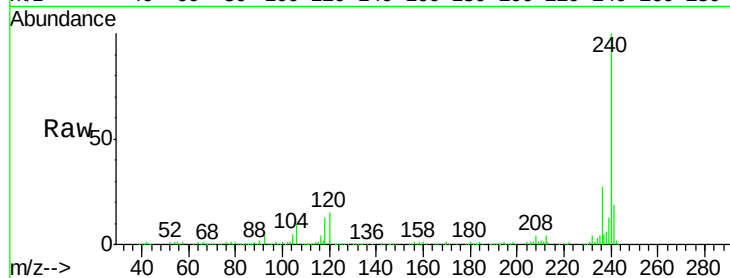
Tgt Ion:240 Resp: 308958

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

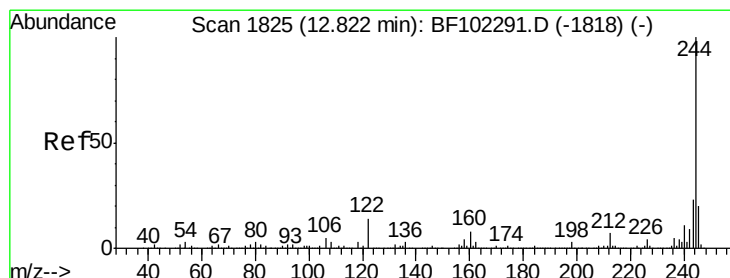
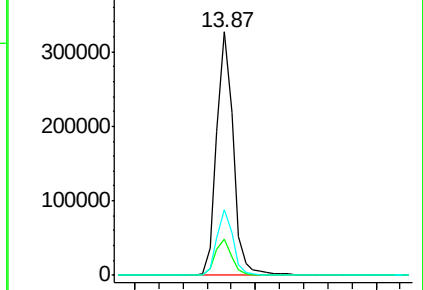
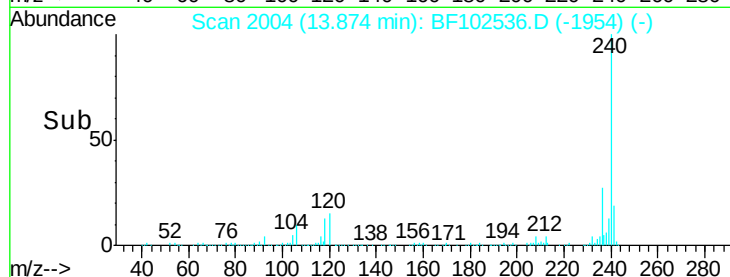
236 27.0 20.7 31.1



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: 66.494 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102536.D

Acq: 28 Jan 2018 2:59

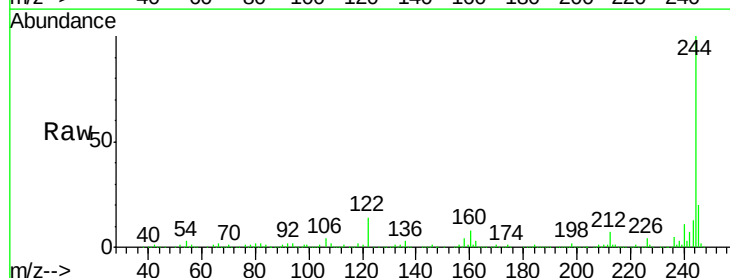
Tgt Ion:244 Resp: 911292

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

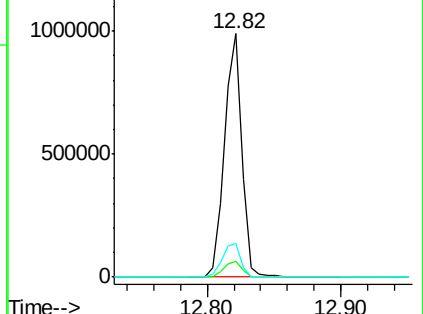
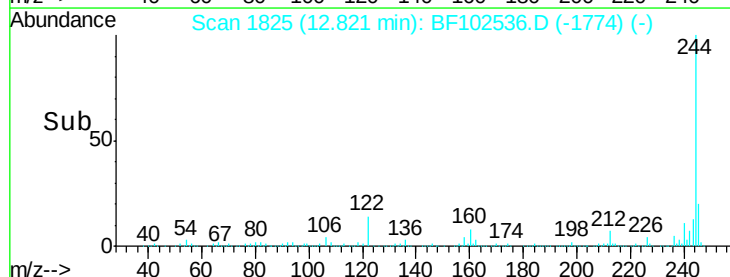
122 13.8 11.0 16.4

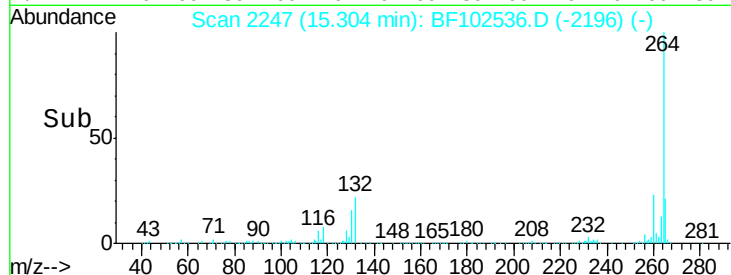
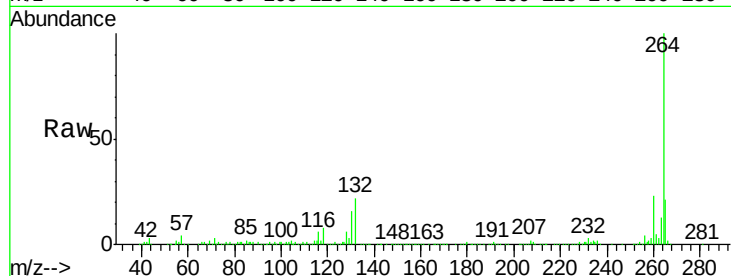
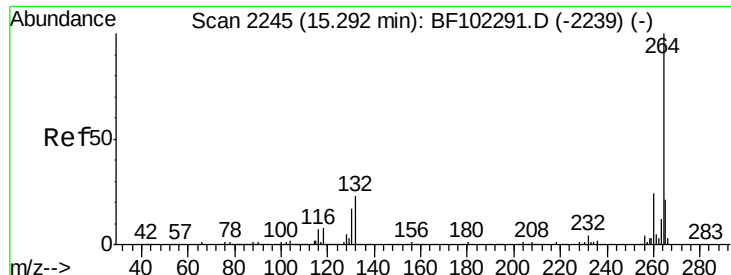


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102536.D
Acq: 28 Jan 2018 2:59

Instrument :
BNA_F
ClientSampleId :
SB-43-6.5-7.0

Tgt Ion:	264	Resp:	256237
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.1	17.5	26.3

