

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110772.D
 Acq On : 14 Nov 2018 18:50
 Operator : JU/SJ
 Sample : J5940-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-25(0-10)

Quant Time: Nov 15 04:37:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

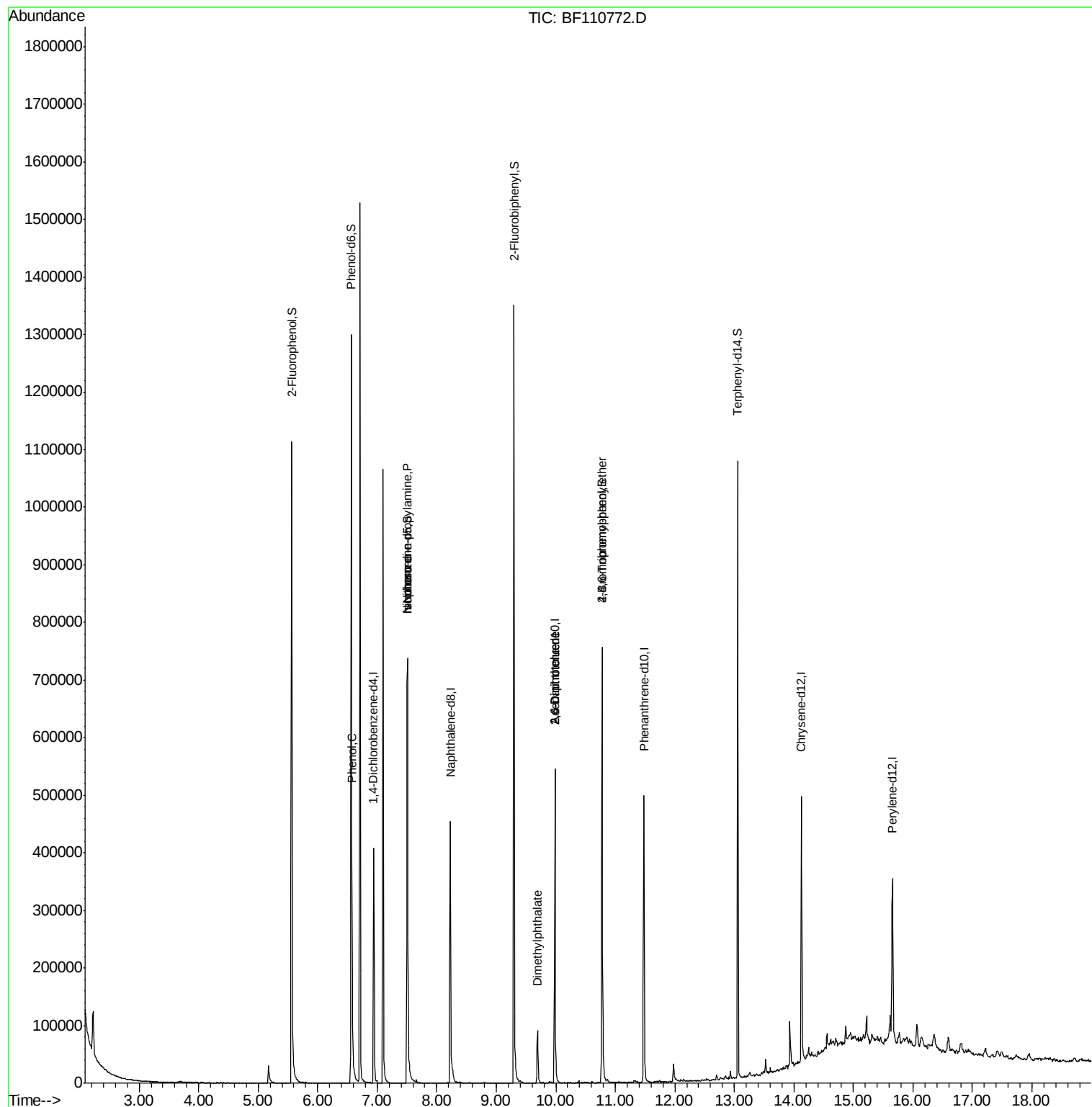
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66659	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	277646	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	127941	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	217824	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148409	20.00	ng	-0.01
87) Perylene-d12	15.66	264	130085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	359248	87.54	ng	0.00
7) Phenol-d6	6.57	99	457446	87.17	ng	0.00
23) Nitrobenzene-d5	7.51	82	283410	58.79	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	96295	74.70	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	462285	51.60	ng	0.00
79) Terphenyl-d14	13.06	244	331983	41.89	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	762	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	23580	3.875 ng	#	69
19) n-Nitroso-di-n-propylamine	7.51	70	36436	10.877 ng	#	79
25) Isophorone	7.51	82	283407	35.866 ng	#	67
50) Dimethylphthalate	9.69	163	49813	5.218 ng	#	99
51) 2,6-Dinitrotoluene	9.98	165	16002	7.620 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	16002	5.860 ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	6286	2.611 ng	#	1

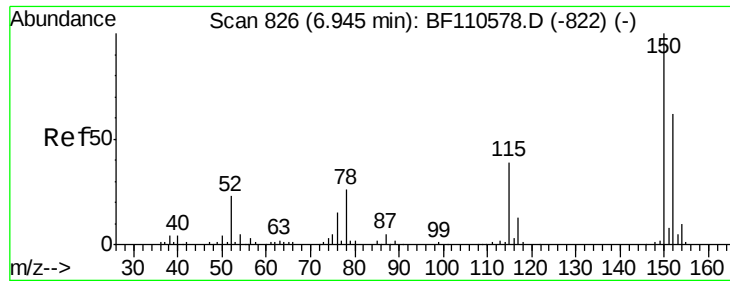
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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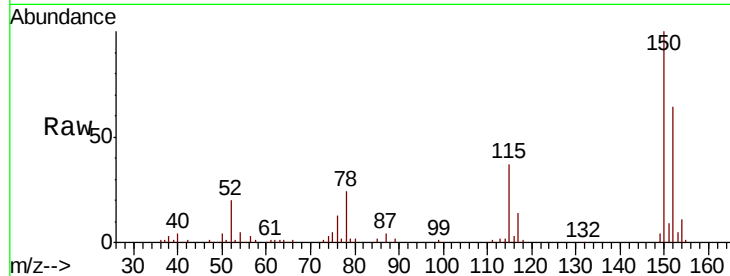




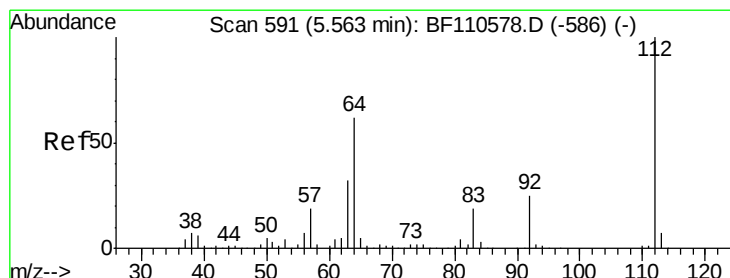
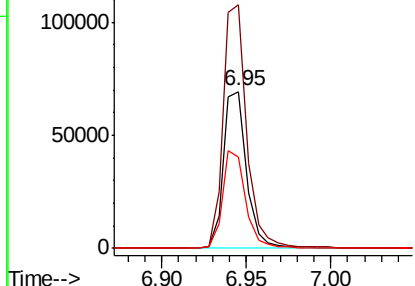
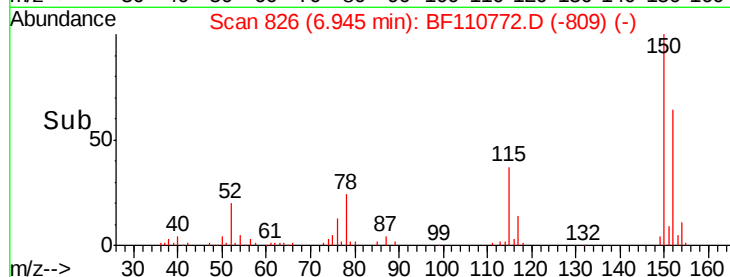
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110772.D
 Acq: 14 Nov 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 B-25(0-10)

Tgt Ion:152 Resp: 66659
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.7 184.1
 115 58.1 49.1 73.7

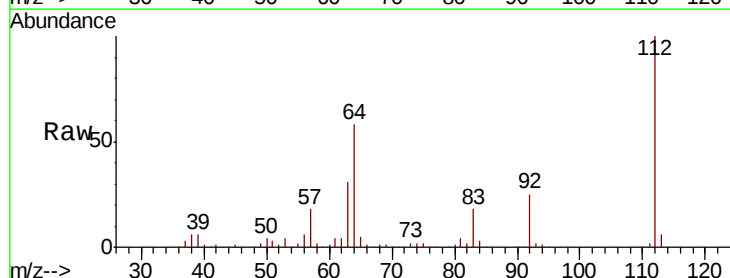


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

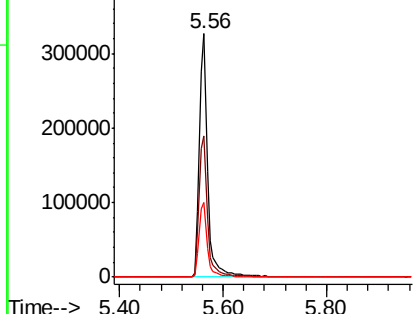
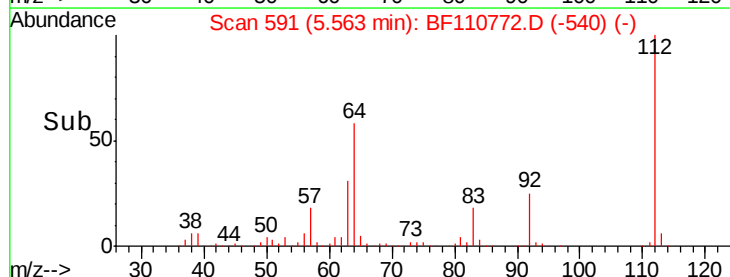


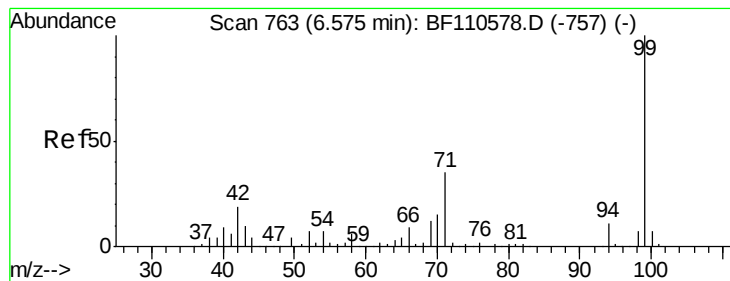
#5
 2-Fluorophenol
 Concen: 87.540 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110772.D
 Acq: 14 Nov 2018 18:50

Tgt Ion:112 Resp: 359248
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.1 66.1
 63 30.8 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: 87.169 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

B-25(0-10)

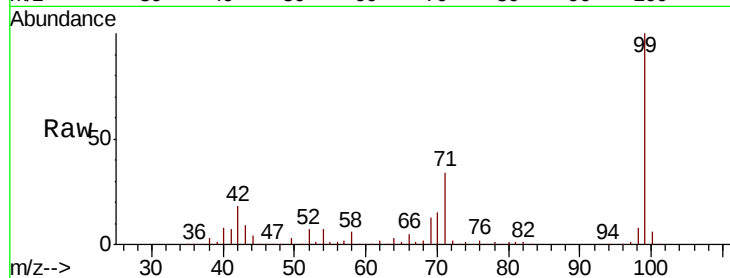
Tgt Ion: 99 Resp: 457446

Ion Ratio Lower Upper

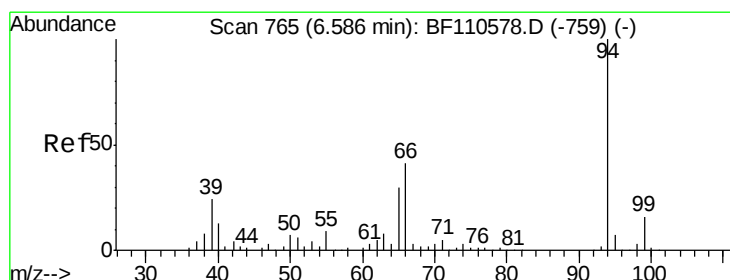
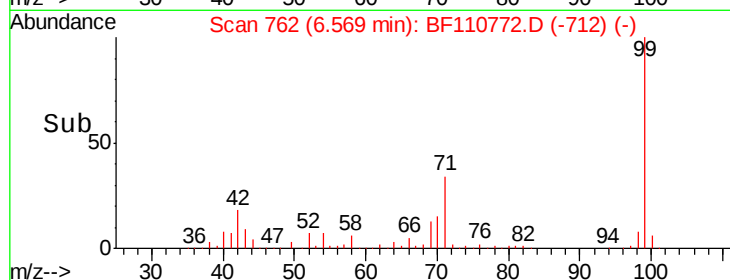
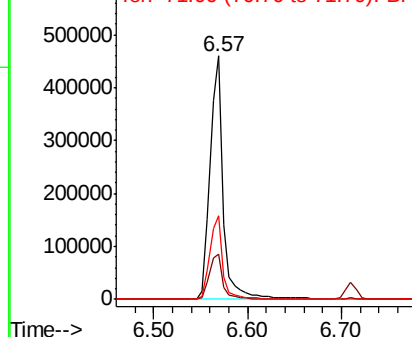
99 100

42 18.5 15.8 23.6

71 34.2 28.0 42.0



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



#10

Phenol

Concen: 3.875 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

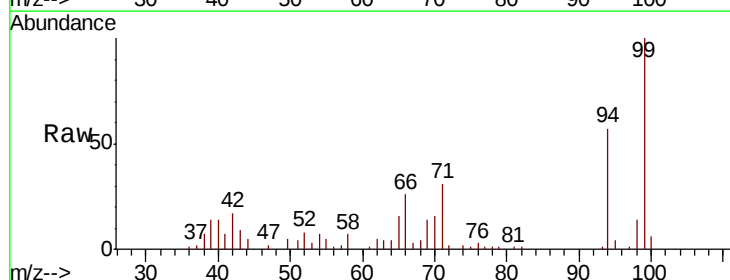
Tgt Ion: 94 Resp: 23580

Ion Ratio Lower Upper

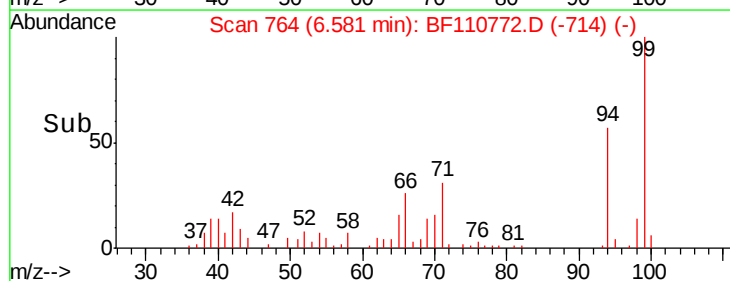
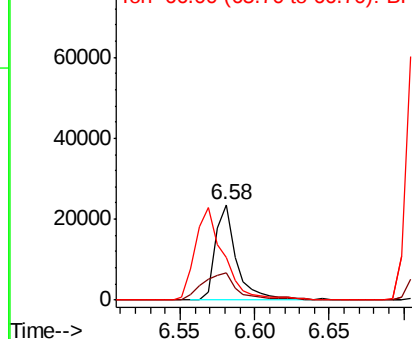
94 100

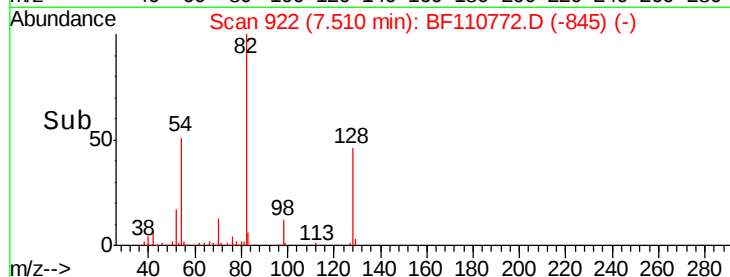
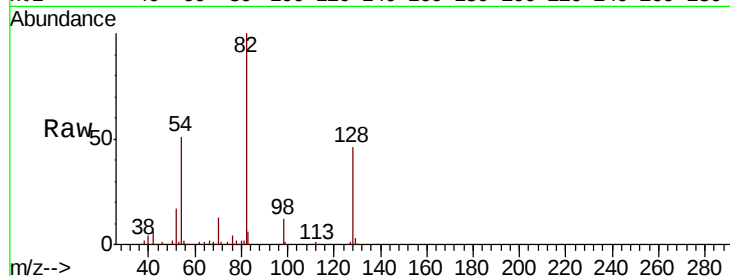
65 29.0 25.3 65.3

66 45.0 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

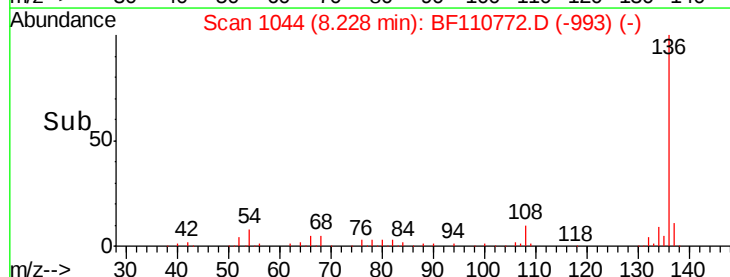
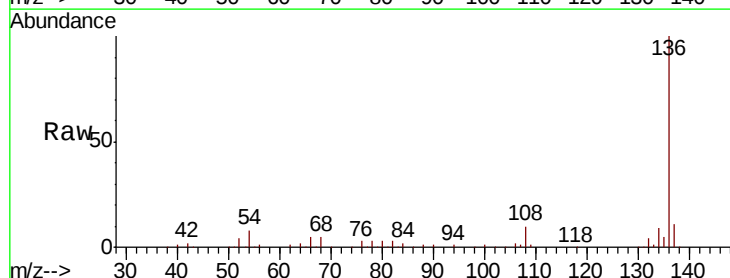
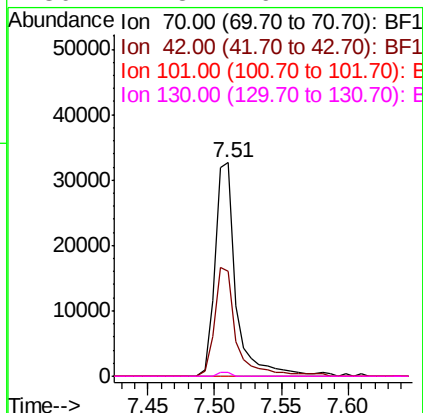




#19
n-Nitroso-di-n-propylamine
Concen: 10.877 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

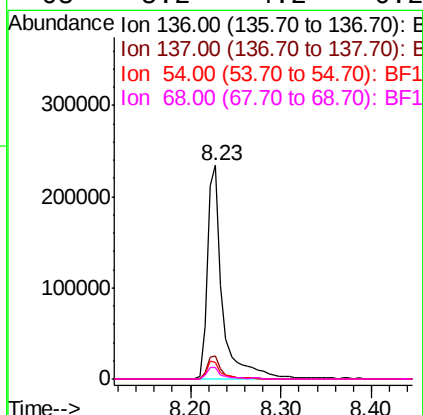
Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

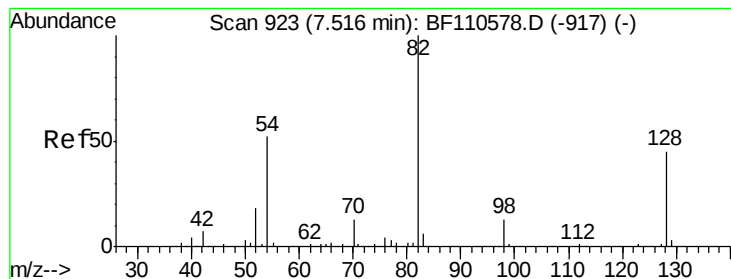
Tgt Ion: 70 Resp: 36436
Ion Ratio Lower Upper
70 100
42 49.4 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion: 136 Resp: 277646
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 5.4 8.2
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 58.785 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

B-25(0-10)

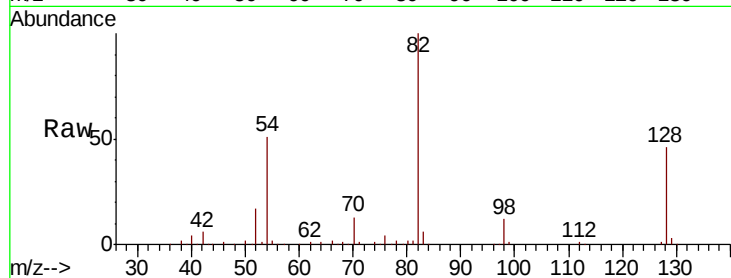
Tgt Ion: 82 Resp: 283410

Ion Ratio Lower Upper

82 100

128 46.5 34.2 51.2

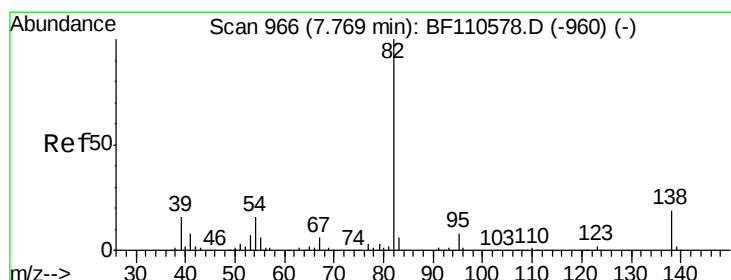
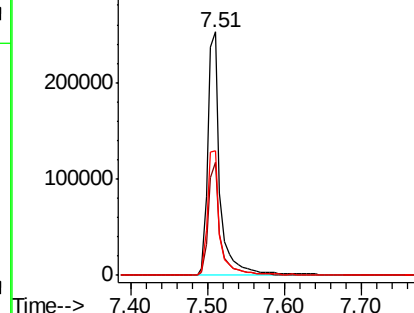
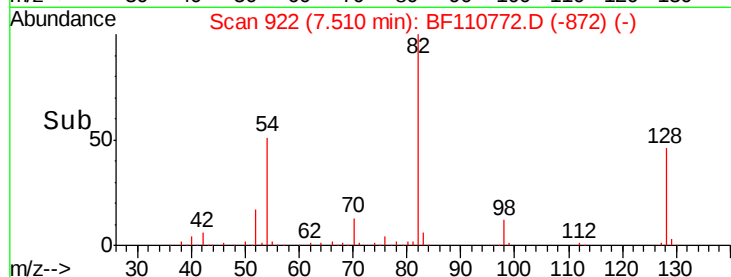
54 51.1 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 35.866 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

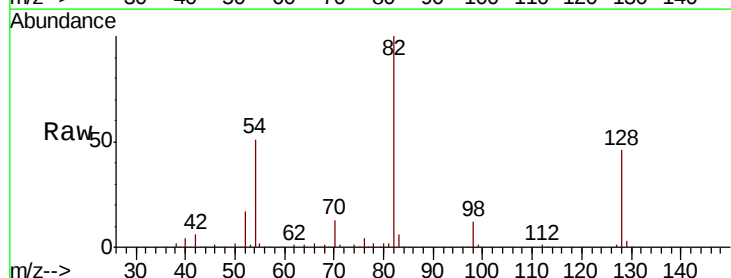
Tgt Ion: 82 Resp: 283407

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

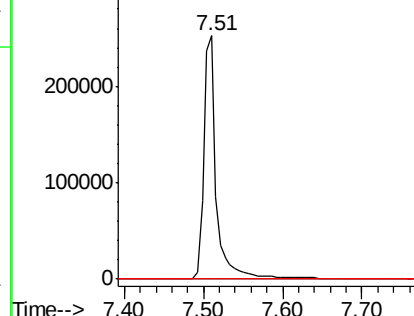
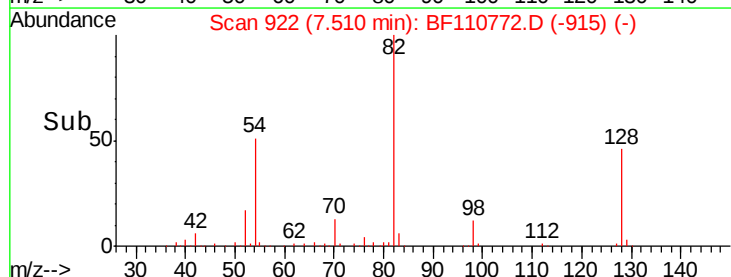
138 0.0 13.2 19.8#

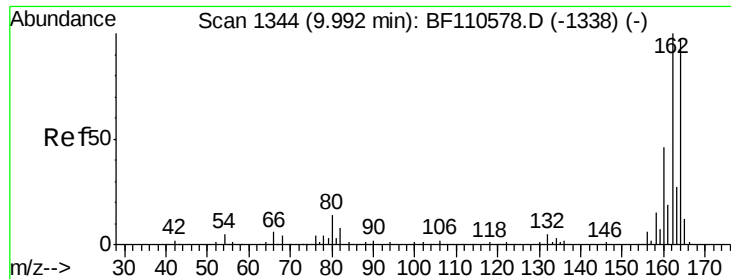


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

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ClientSampleId :

B-25(0-10)

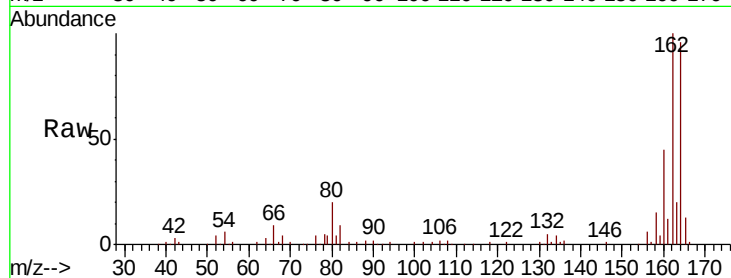
Tgt Ion:164 Resp: 127941

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

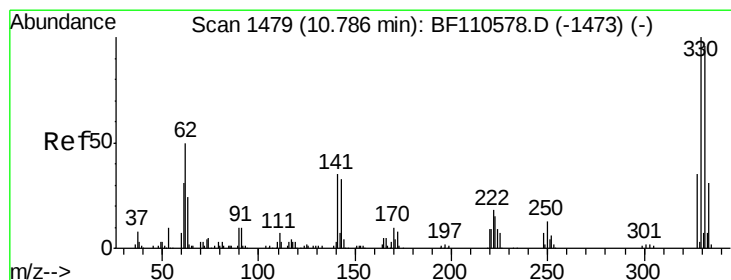
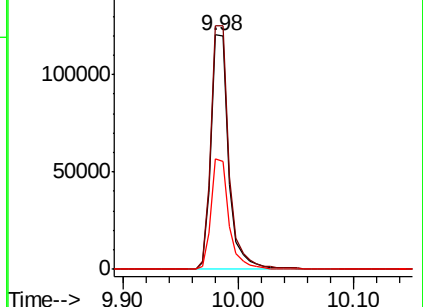
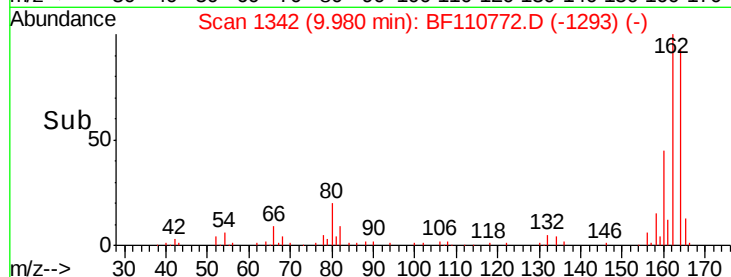
160 47.1 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 74.696 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

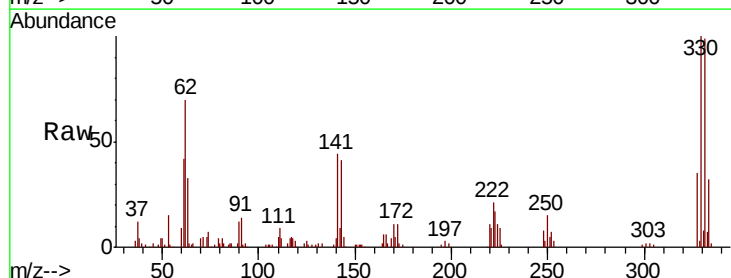
Tgt Ion:330 Resp: 96295

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

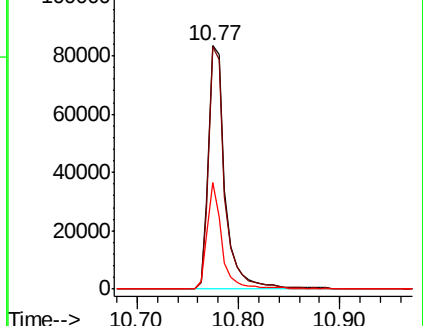
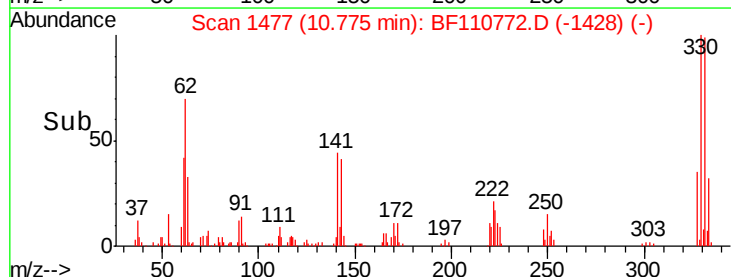
141 38.2 27.0 40.4

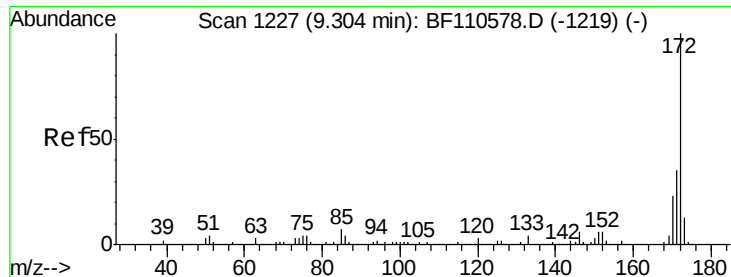


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

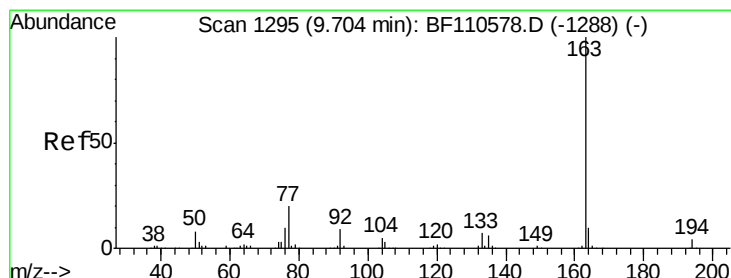
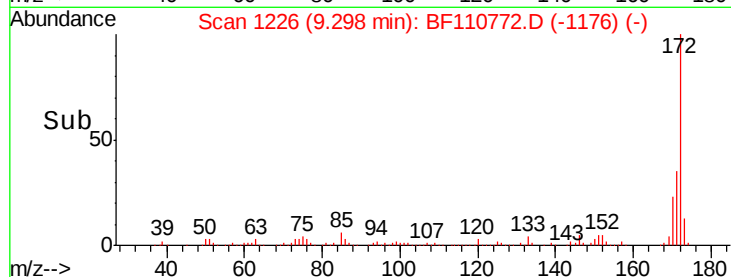
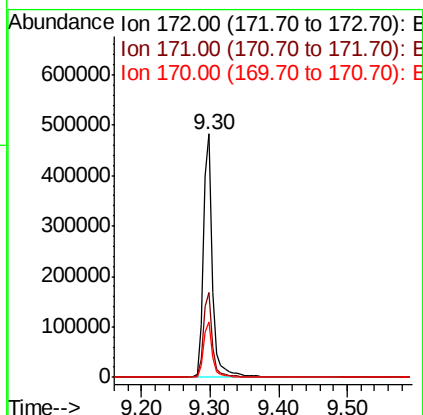
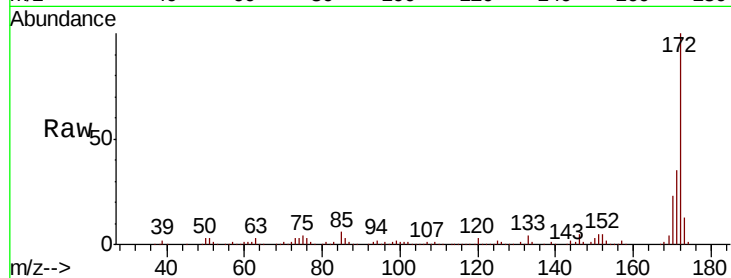




#45
2-Fluorobiphenyl
Concen: 51.604 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

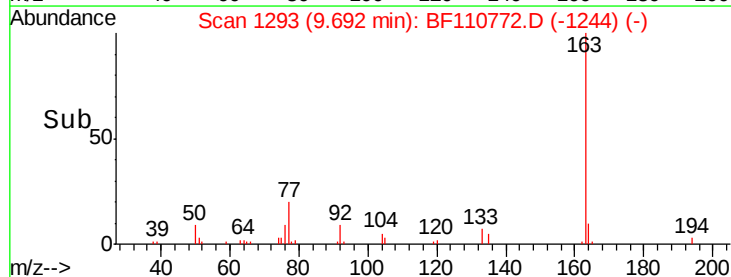
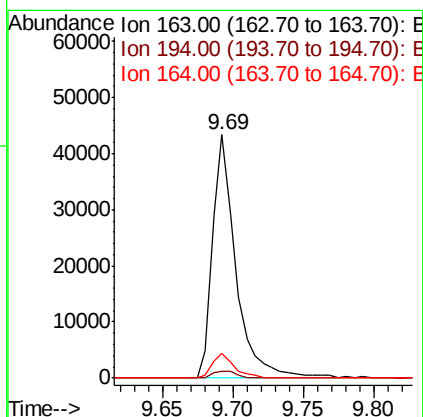
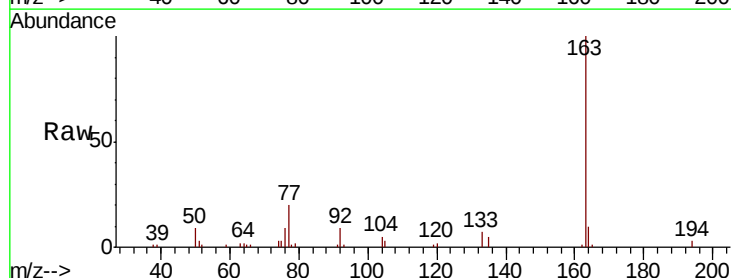
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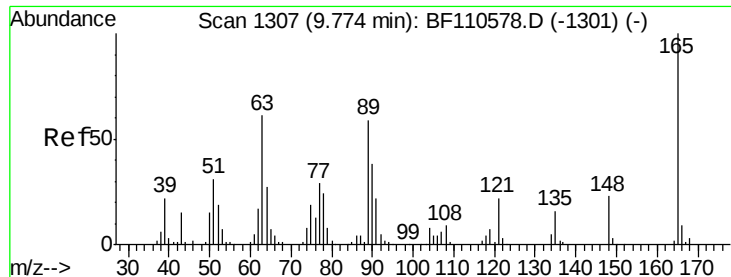
Tgt Ion:172 Resp: 462285
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 22.8 19.7 29.5



#50
Dimethylphthalate
Concen: 5.218 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion:163 Resp: 49813
Ion Ratio Lower Upper
163 100
194 3.0 3.2 4.8#
164 10.0 8.1 12.1

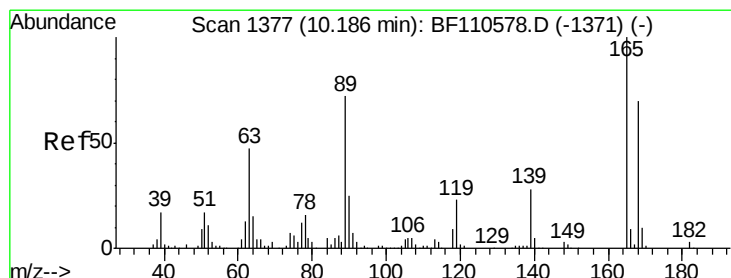
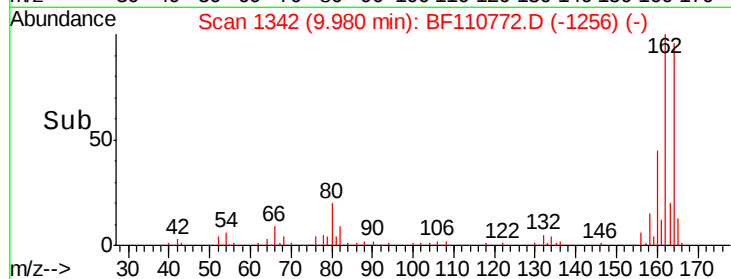
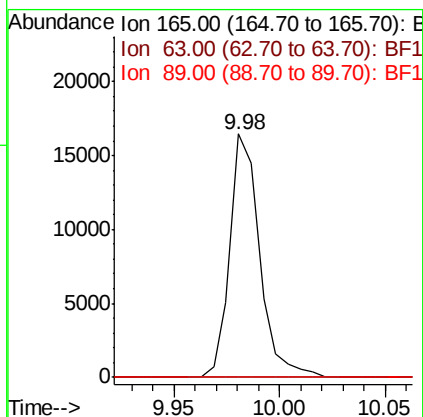
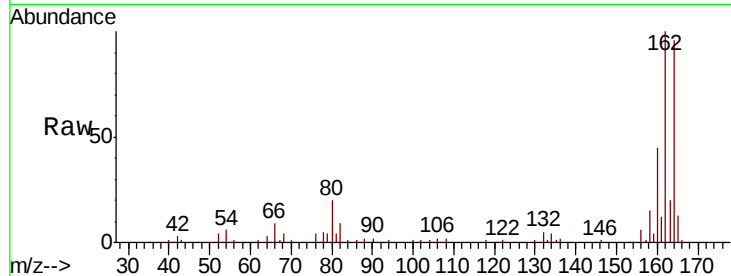




#51
 2,6-Dinitrotoluene
 Concen: 7.620 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110772.D
 Acq: 14 Nov 2018 18:50

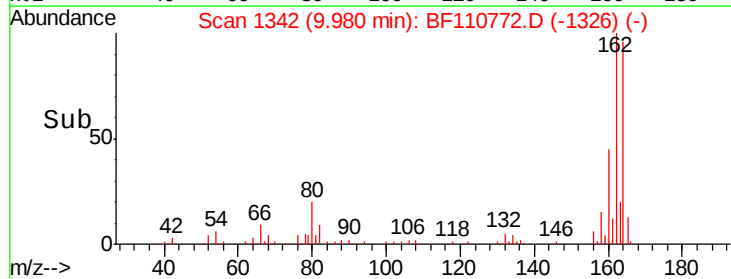
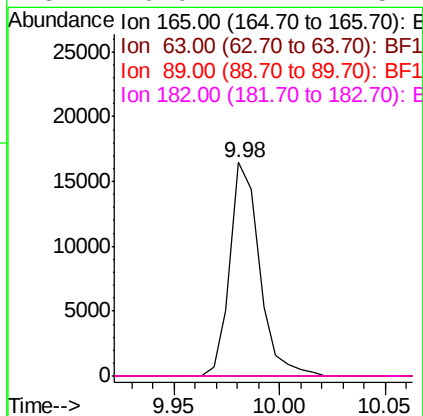
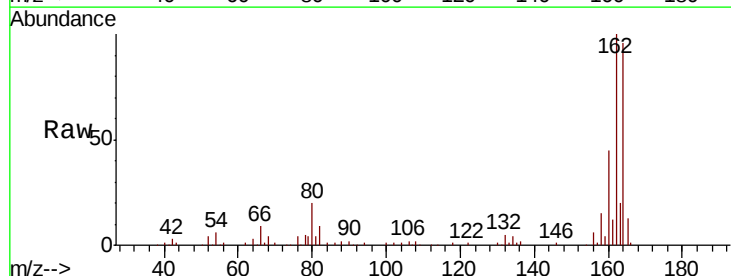
Instrument :
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 B-25(0-10)

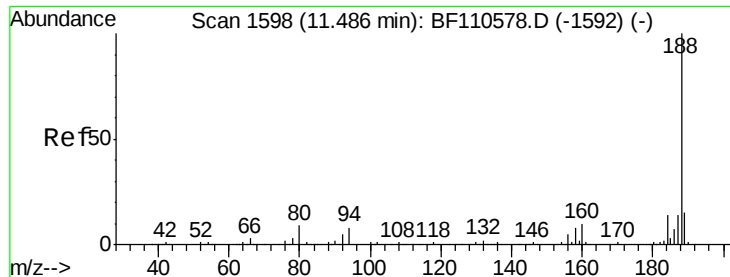
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.860 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110772.D
 Acq: 14 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

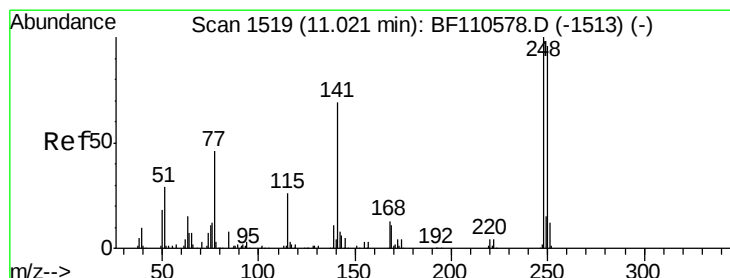
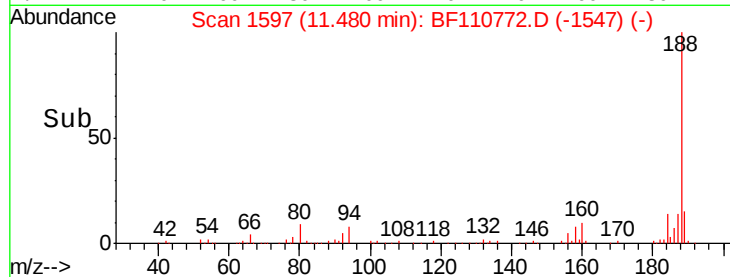
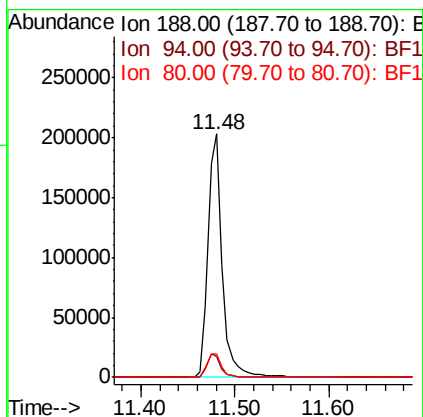
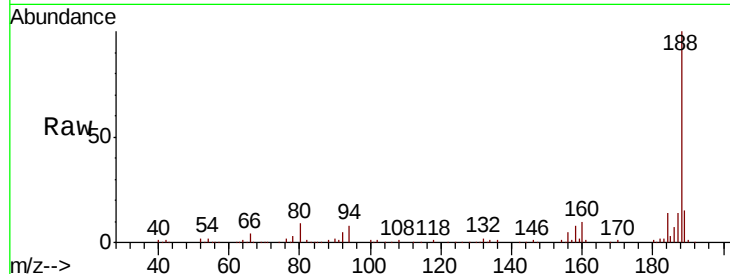




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

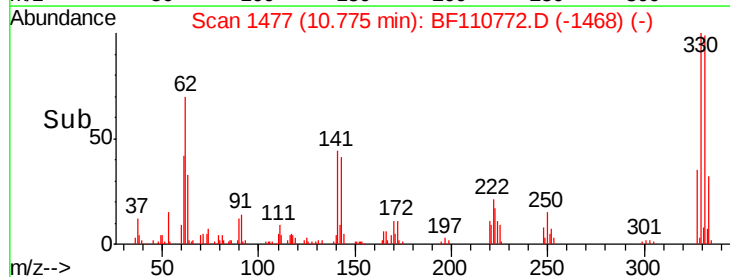
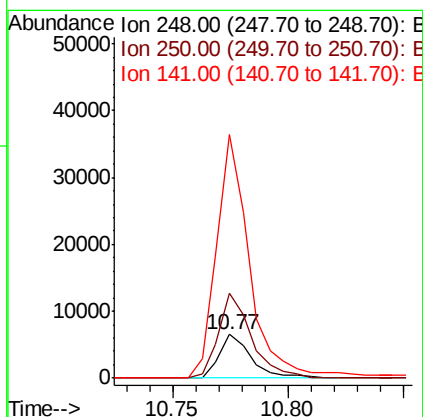
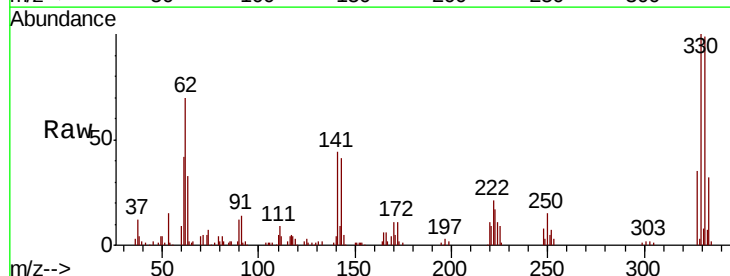
Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

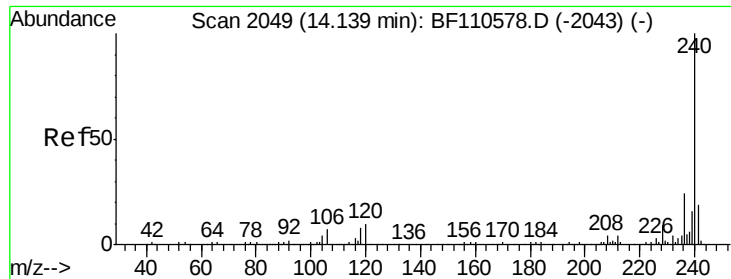
Tgt Ion:188 Resp: 217824
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.611 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion:248 Resp: 6286
Ion Ratio Lower Upper
248 100
250 196.7 79.4 119.2#
141 560.1 55.9 83.9#

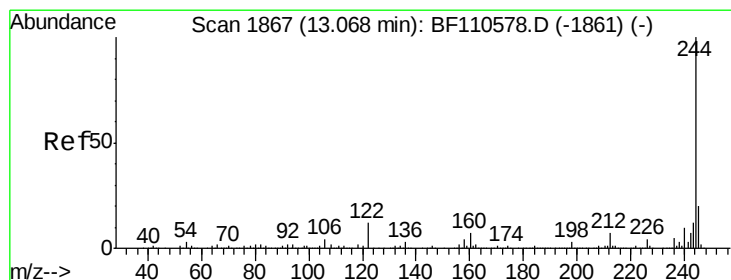
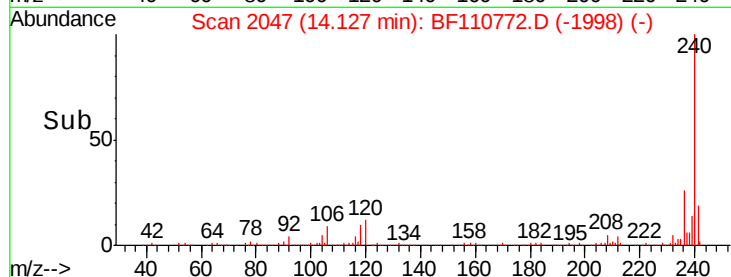
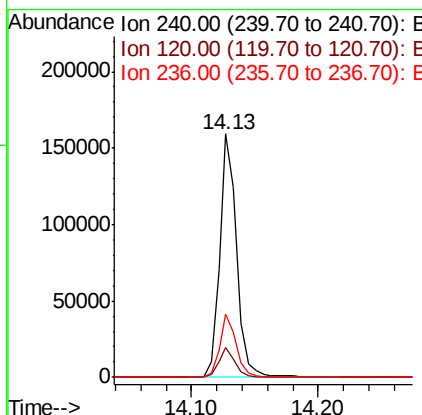
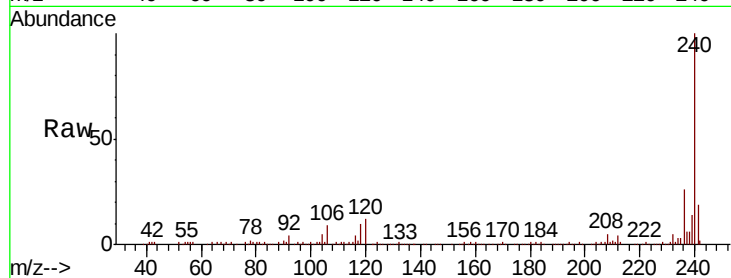




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

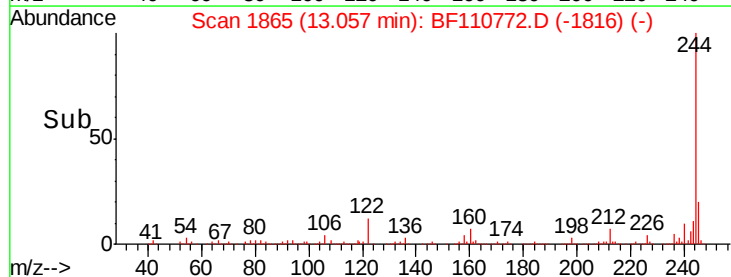
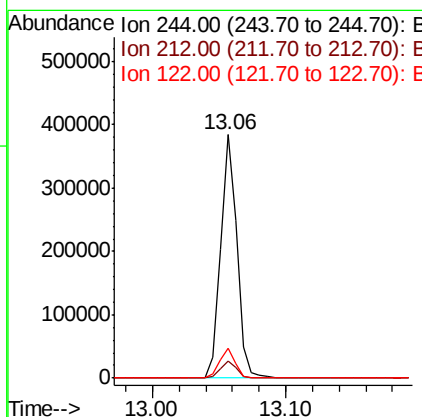
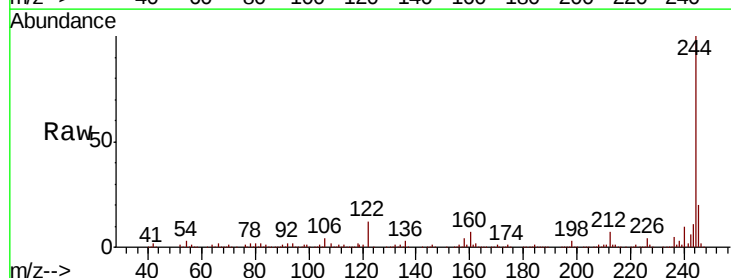
Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

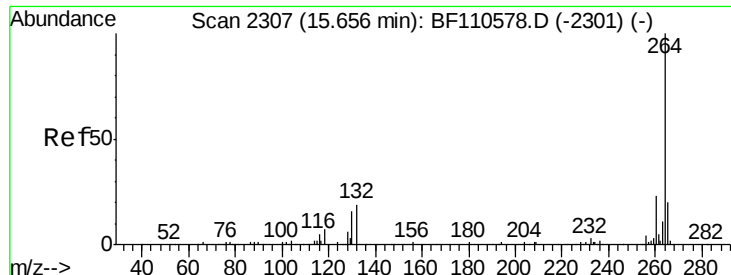
Tgt Ion:240 Resp: 148409
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.9 21.2 31.8



#79
Terphenyl-d14
Concen: 41.893 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion:244 Resp: 331983
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.5 8.7 13.1

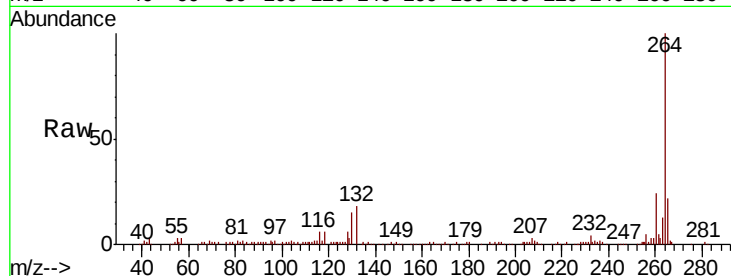




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.4	16.7	25.1



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

