

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110989.D
 Acq On : 27 Nov 2018 3:53
 Operator : JU/SJ
 Sample : J6061-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

Quant Time: Nov 27 06:32:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:49 2018
 Response via : Initial Calibration

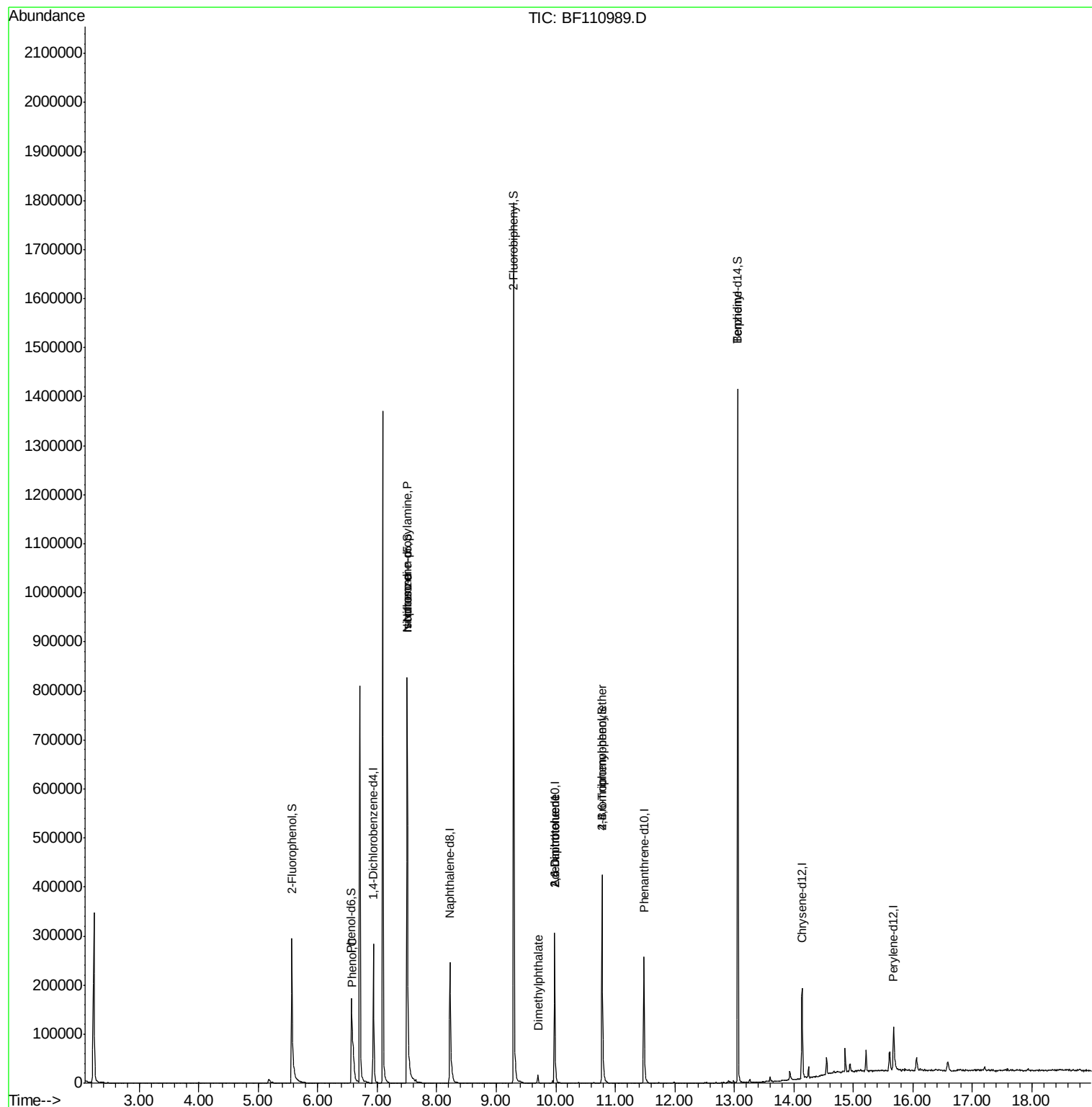
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	48340	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	176686	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	70781	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	129228	20.00	ng	0.00
76) Chrysene-d12	14.14	240	82448	20.00	ng	0.00
87) Perylene-d12	15.67	264	60884	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	125042	42.90	ng	0.00
7) Phenol-d6	6.57	99	92980	24.48	ng	-0.02
23) Nitrobenzene-d5	7.50	82	317552	102.86	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	64684	92.02	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	545260	111.61	ng	0.00
79) Terphenyl-d14	13.06	244	484725	114.45	ng	0.00
Target Compounds						
10) Phenol	6.59	94	15446	3.611	ng	80
19) n-Nitroso-di-n-propylamine	7.50	70	42329	17.106	ng	# 80
25) Isophorone	7.50	82	317552	62.705	ng	# 67
50) Dimethylphthalate	9.70	163	11577	2.230	ng	96
51) 2,6-Dinitrotoluene	9.98	165	8929	7.726	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8929	5.955	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	3943	2.802	ng	# 1
77) Benzidine	13.06	184	6893	3.269	ng	# 96

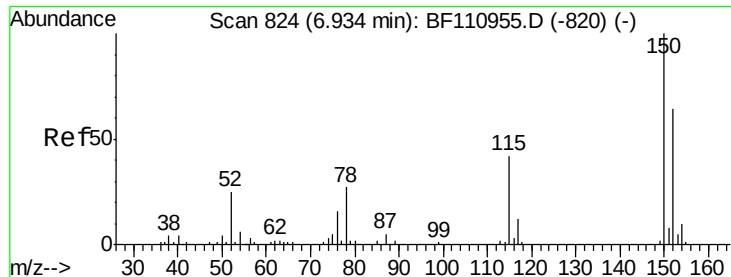
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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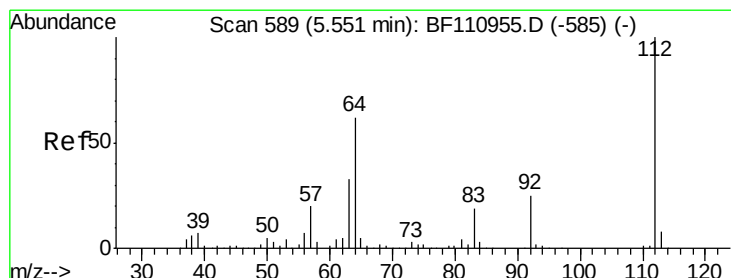
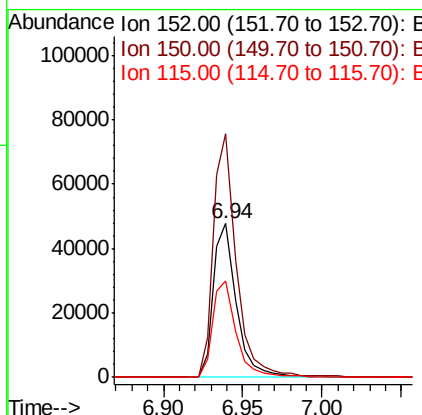
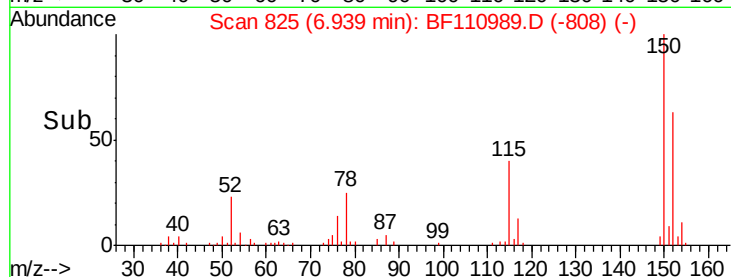
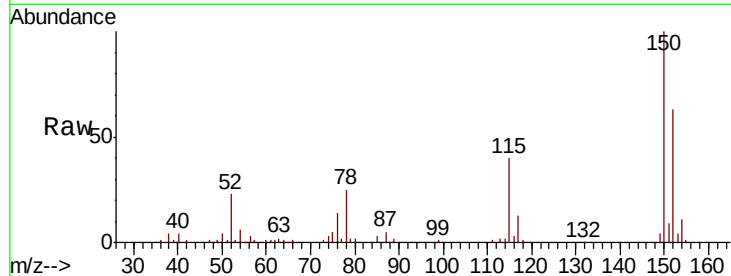


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-D-B

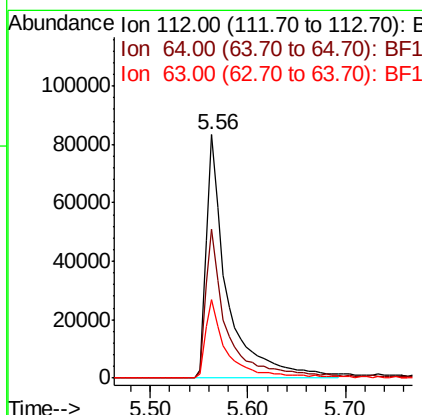
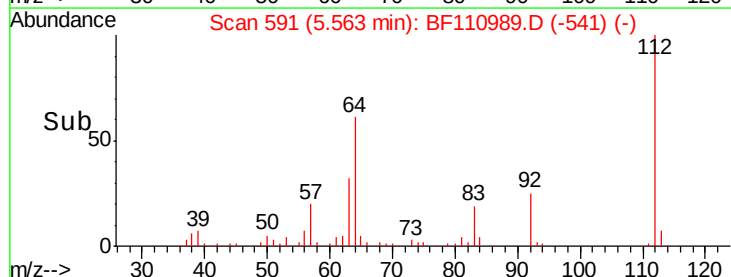
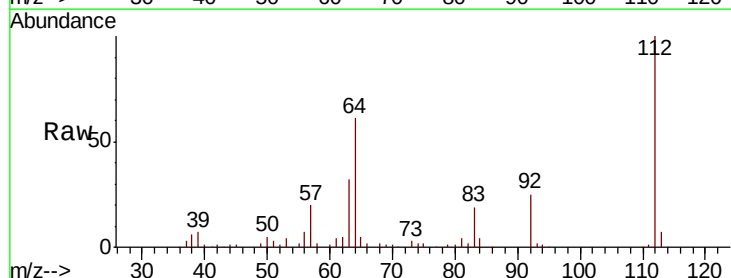
Tgt Ion:152 Resp: 48340
Ion Ratio Lower Upper
152 100
150 158.3 122.7 184.1
115 62.6 49.1 73.7

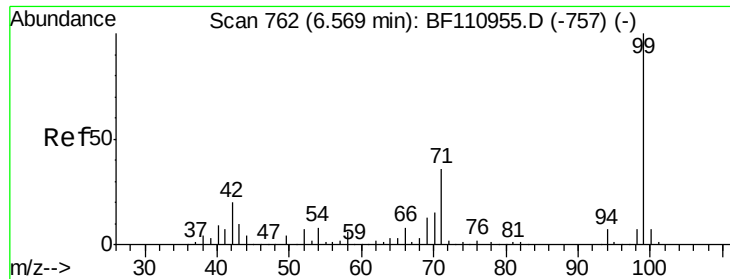


#5

2-Fluorophenol
Concen: 42.896 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Tgt Ion:112 Resp: 125042
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 24.477 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

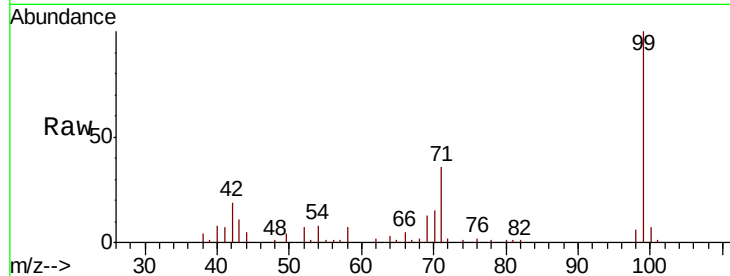
Tgt Ion: 99 Resp: 92980

Ion Ratio Lower Upper

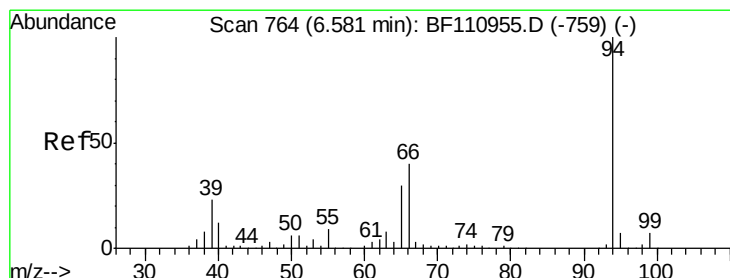
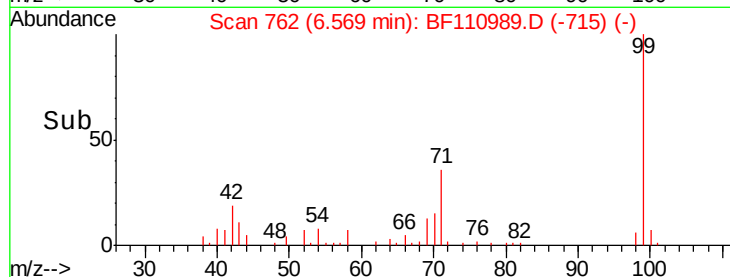
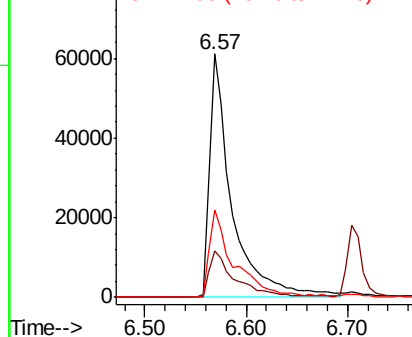
99 100

42 18.9 15.8 23.6

71 36.1 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: 3.611 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

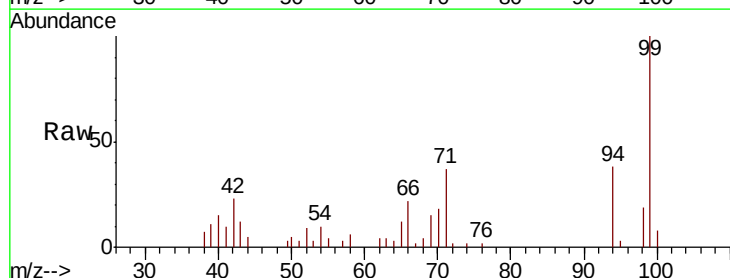
Tgt Ion: 94 Resp: 15446

Ion Ratio Lower Upper

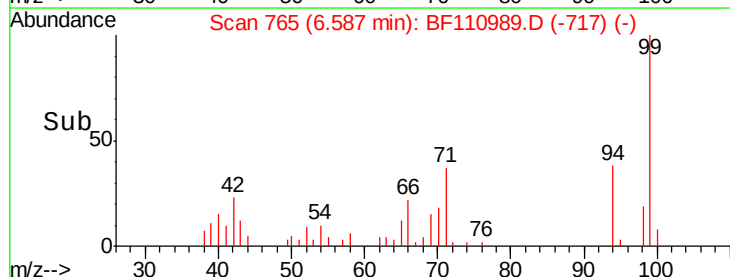
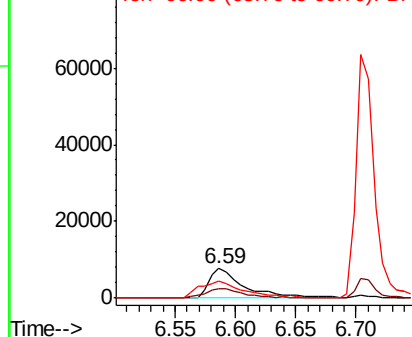
94 100

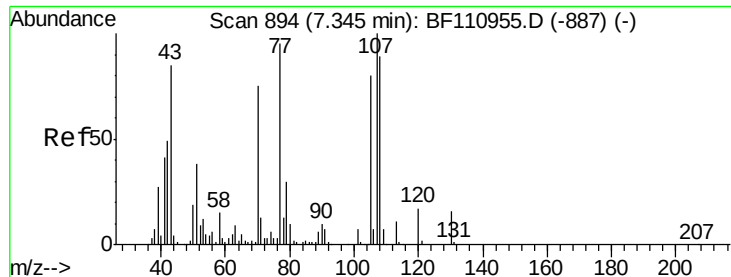
65 32.1 25.3 65.3

66 57.0 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

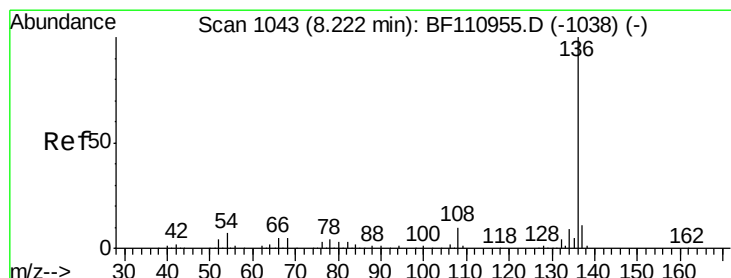
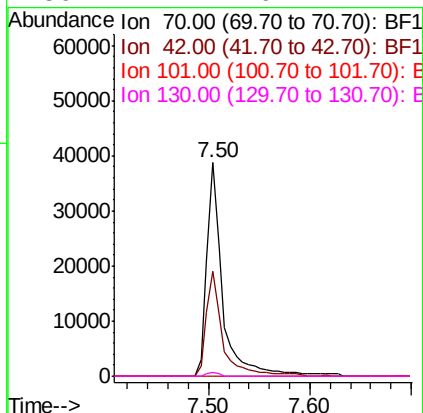
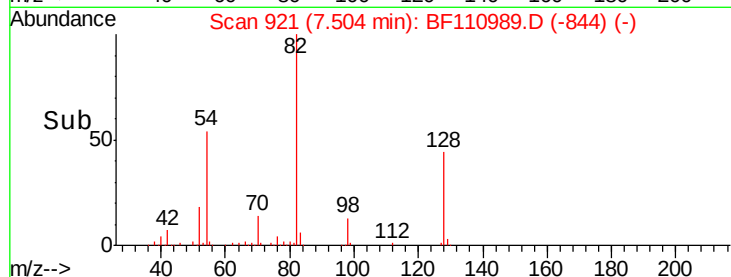
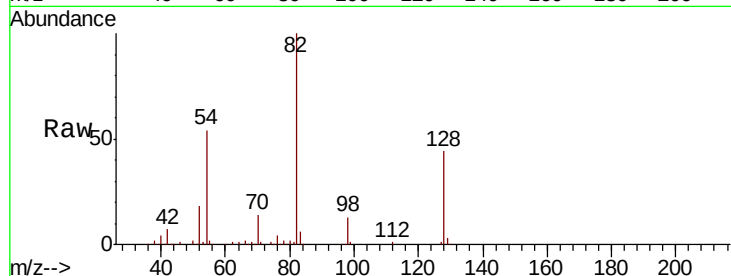




#19
n-Nitroso-di-n-propylamine
Concen: 17.106 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

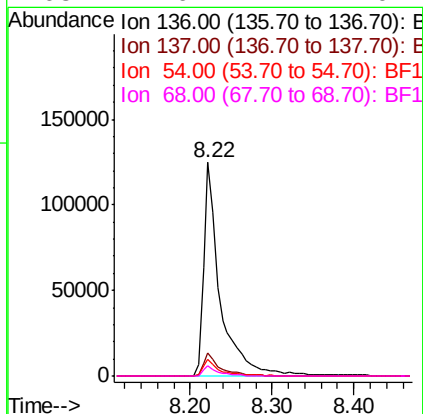
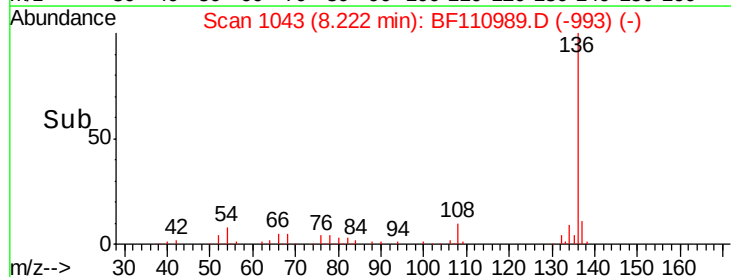
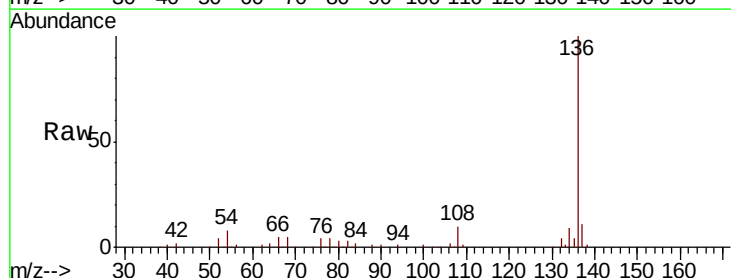
Instrument :
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112018-DBRI-E-D-B

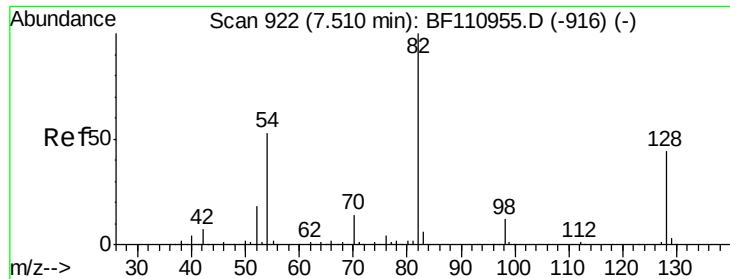
Tgt Ion: 70 Resp: 42329
Ion Ratio Lower Upper
70 100
42 49.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Tgt Ion: 136 Resp: 176686
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 5.4 8.2
68 4.6 4.2 6.2

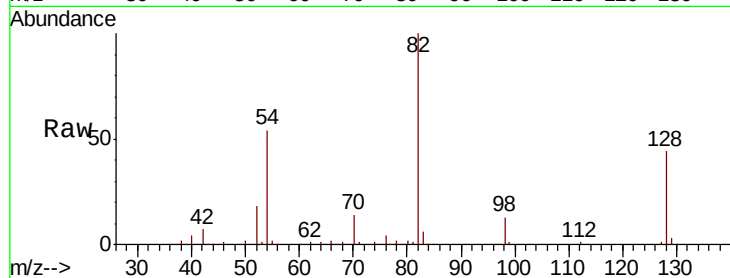




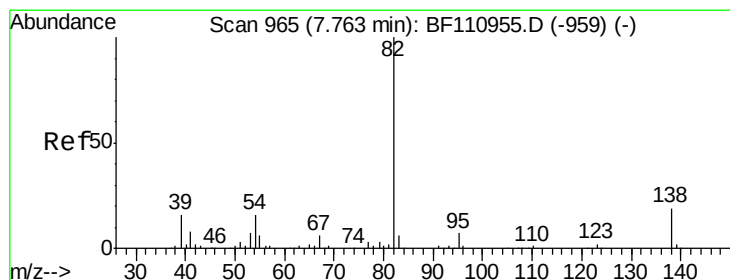
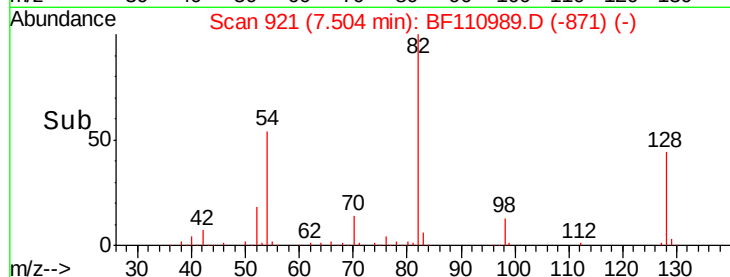
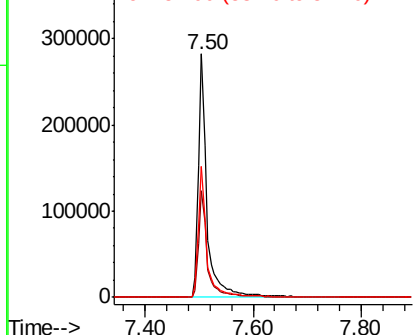
#23
 Nitrobenzene-d5
 Concen: 102.859 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

Tgt Ion: 82 Resp: 317552
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.2 51.2
 54 53.9 38.6 58.0

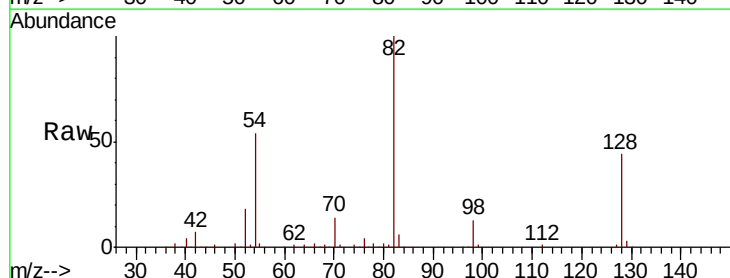


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

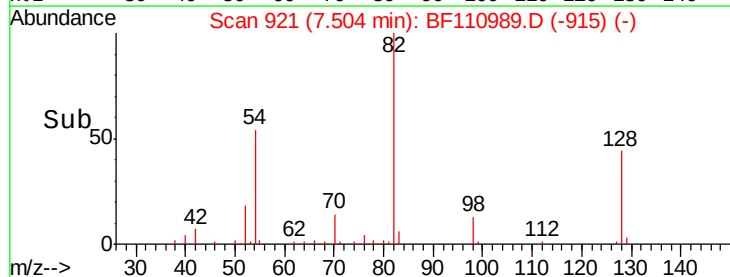
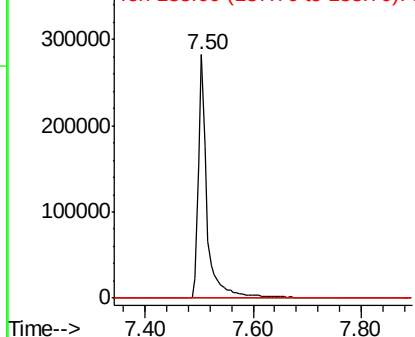


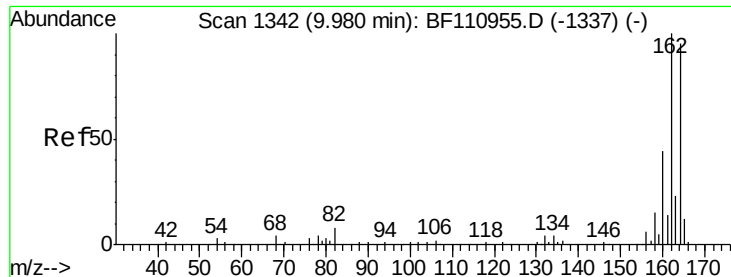
#25
 Isophorone
 Concen: 62.705 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Tgt Ion: 82 Resp: 317552
 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. 0.00 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

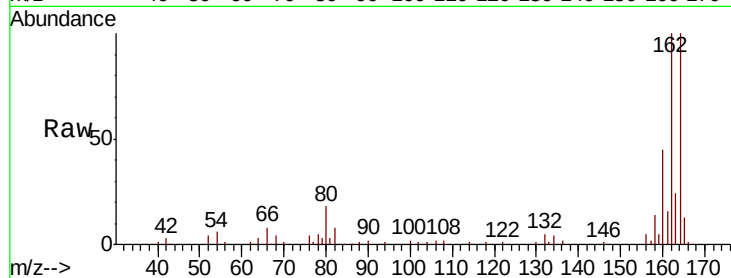
Tgt Ion:164 Resp: 70781

Ion Ratio Lower Upper

164 100

162 99.7 83.0 124.6

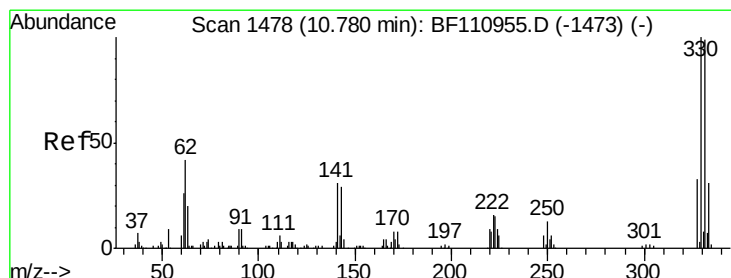
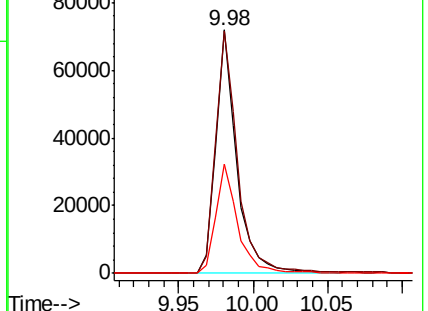
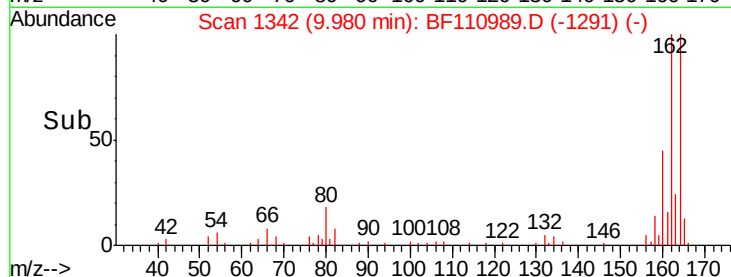
160 44.7 37.0 55.6



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: 92.018 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

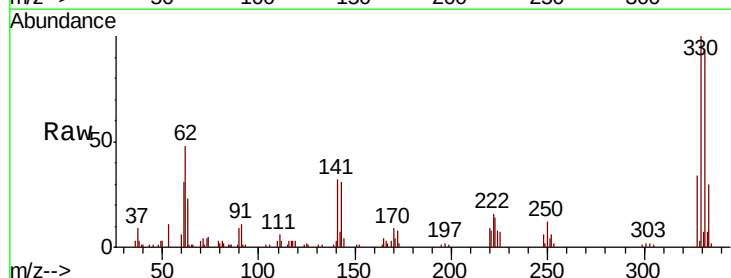
Tgt Ion:330 Resp: 64684

Ion Ratio Lower Upper

330 100

332 93.7 77.1 115.7

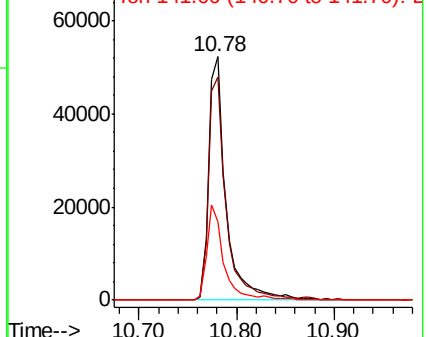
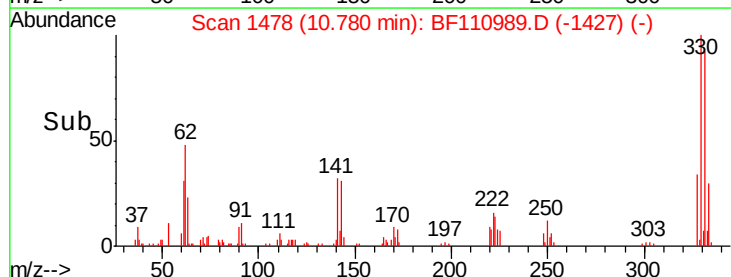
141 38.1 27.0 40.4

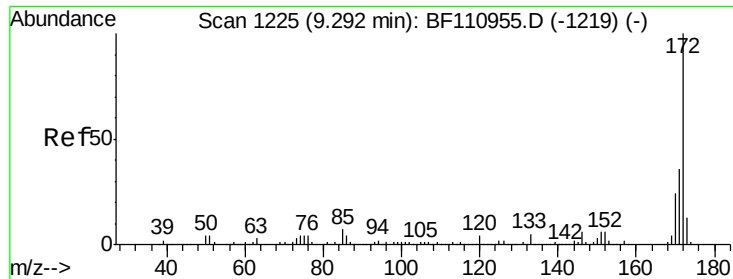


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

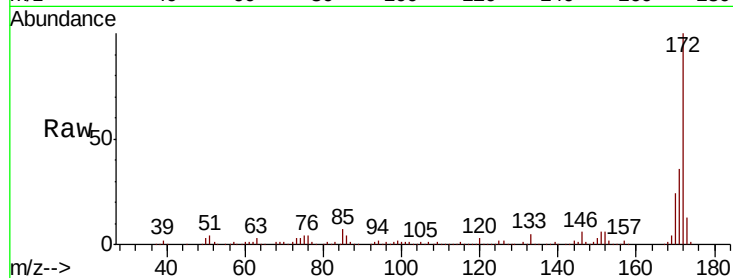




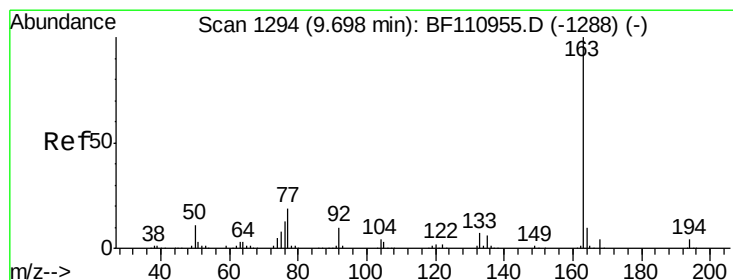
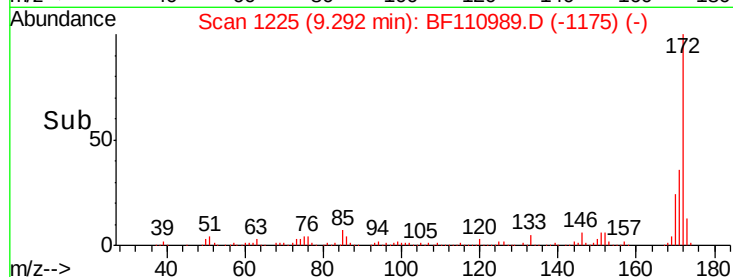
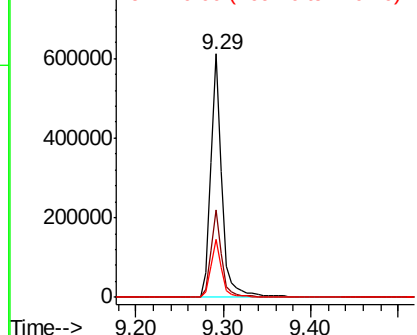
#45
2-Fluorobiphenyl
Concen: 111.606 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Instrument :
BNA_F
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112018-DBRI-E-D-B

Tgt Ion:172 Resp: 545260
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.7 29.5

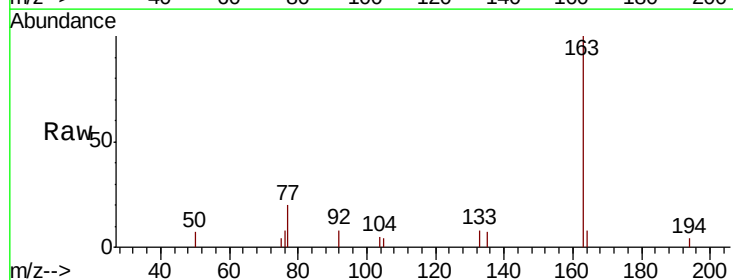


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

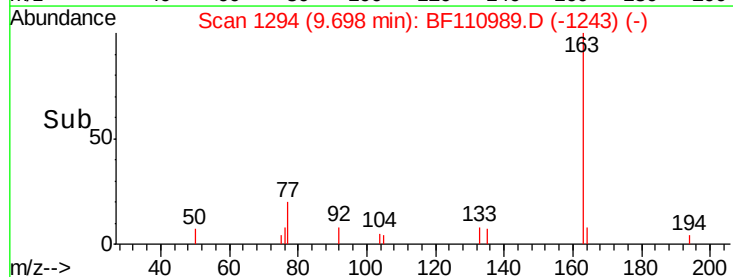
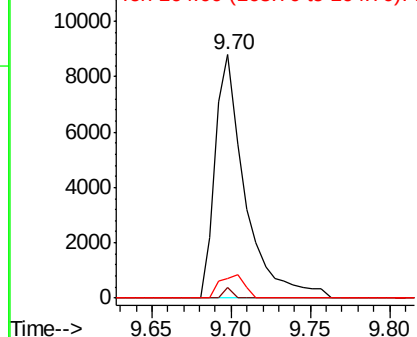


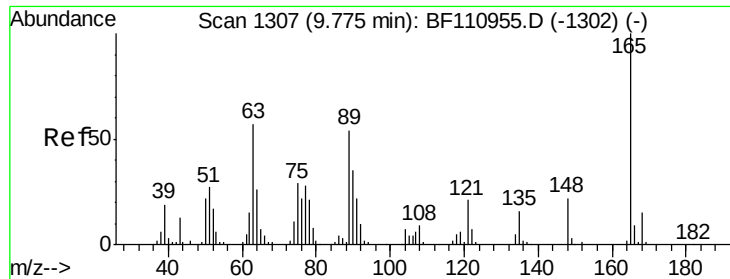
#50
Dimethylphthalate
Concen: 2.230 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Tgt Ion:163 Resp: 11577
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 8.2 8.1 12.1



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

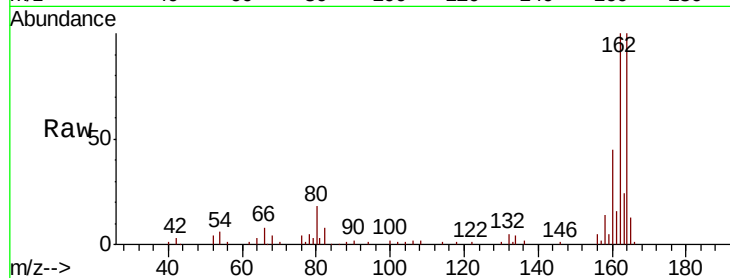




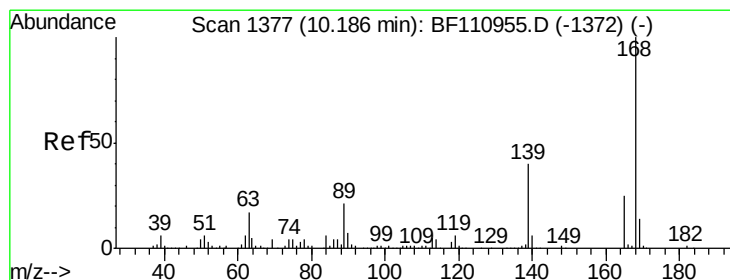
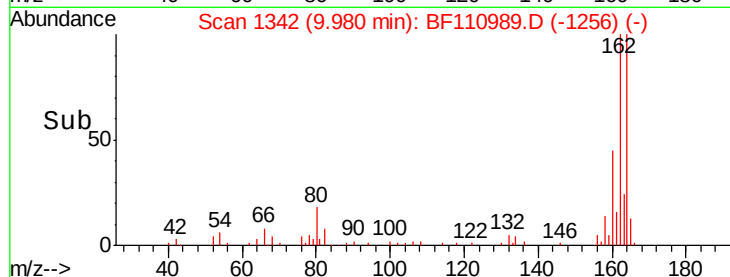
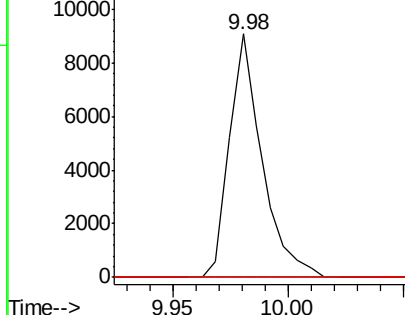
#51
 2,6-Dinitrotoluene
 Concen: 7.726 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

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



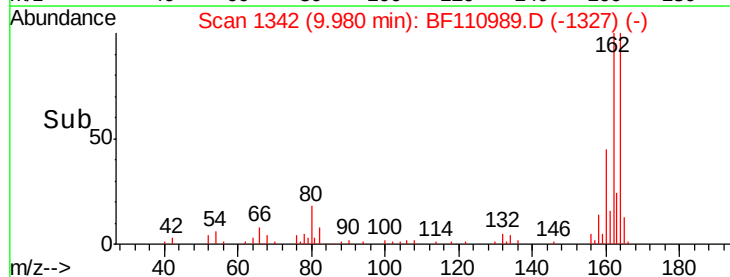
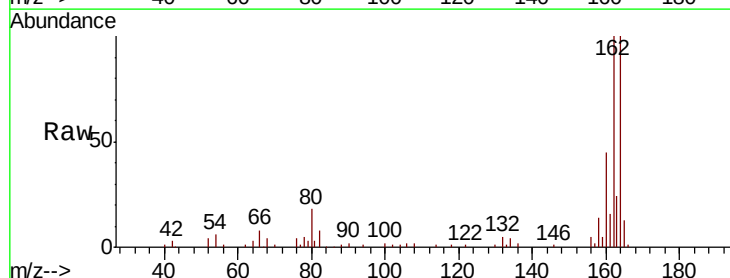
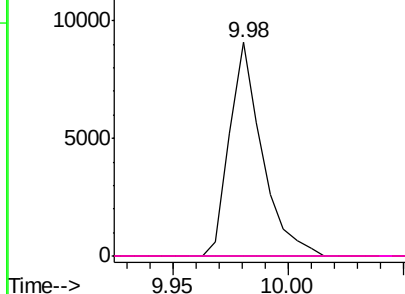
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

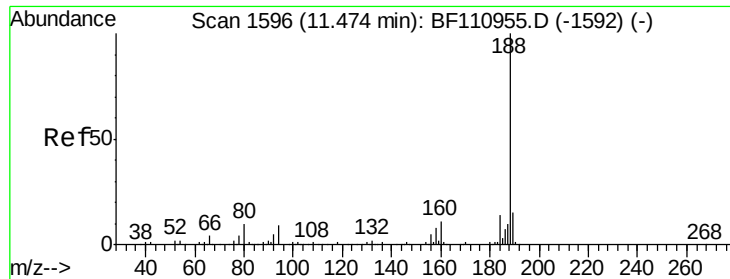


#57
 2,4-Dinitrotoluene
 Concen: 5.955 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

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#

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

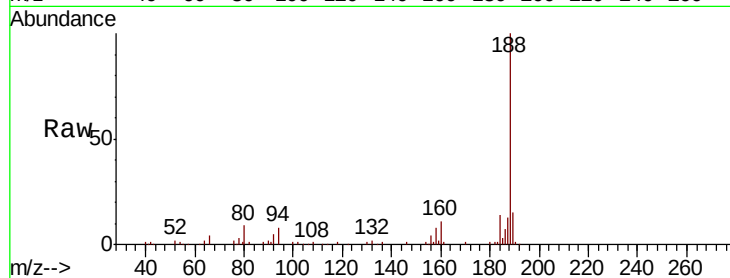
Tgt Ion:188 Resp: 129228

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

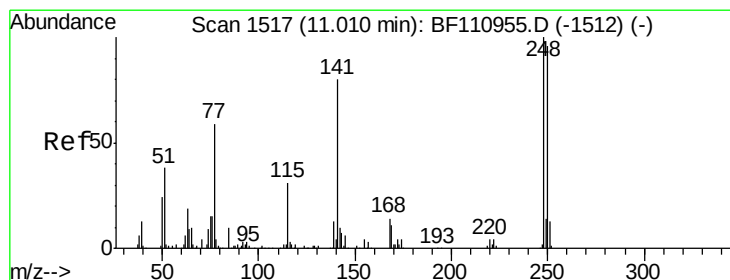
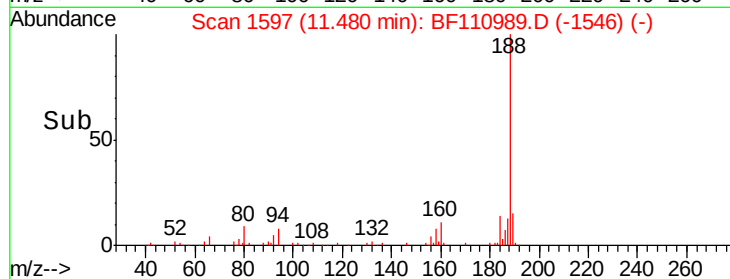
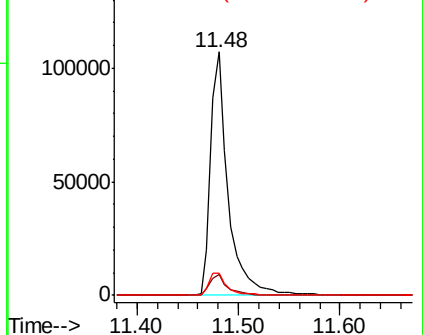
80 9.3 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.802 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.24 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

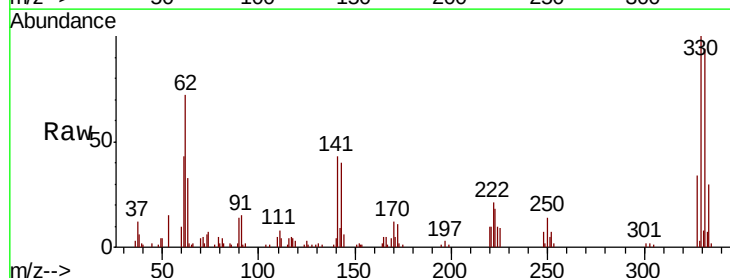
Tgt Ion:248 Resp: 3943

Ion Ratio Lower Upper

248 100

250 211.7 79.4 119.2#

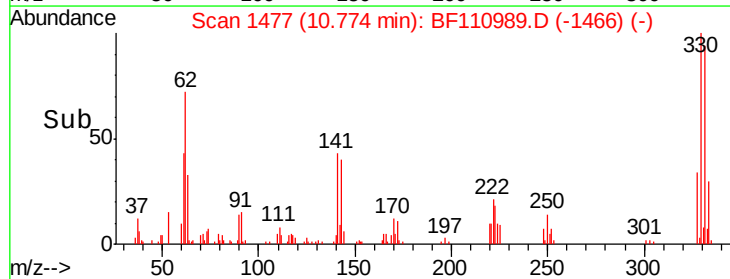
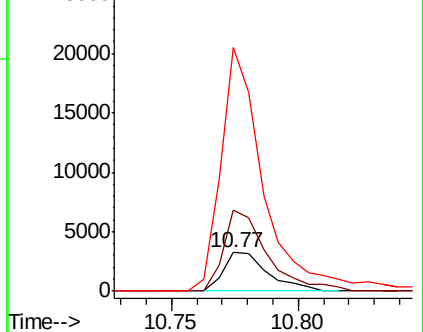
141 633.4 55.9 83.9#

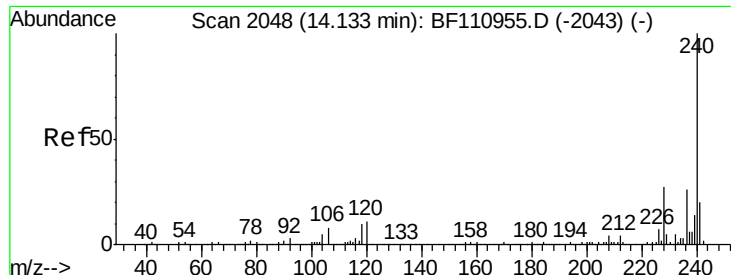


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

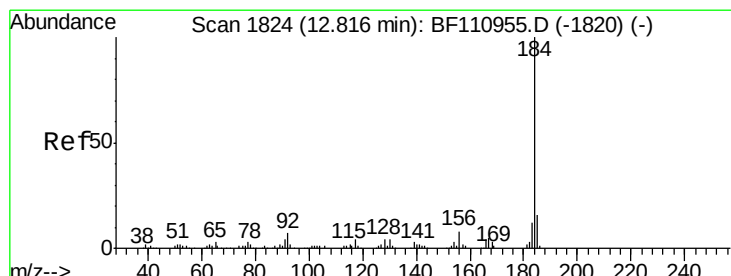
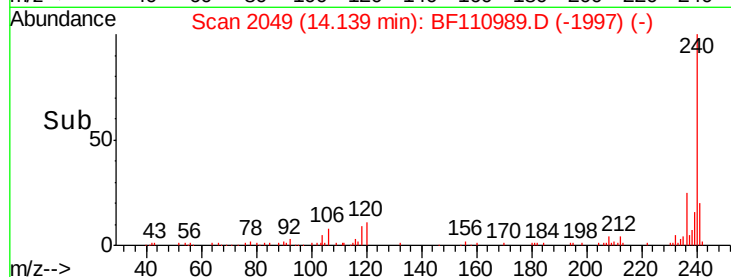
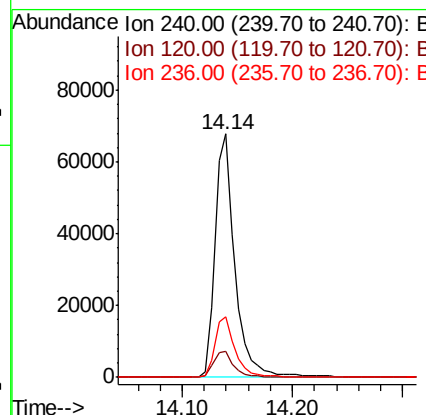
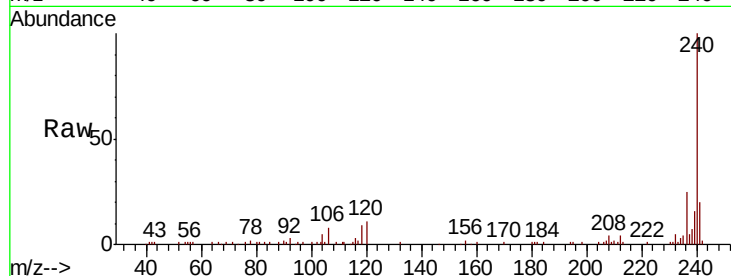




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

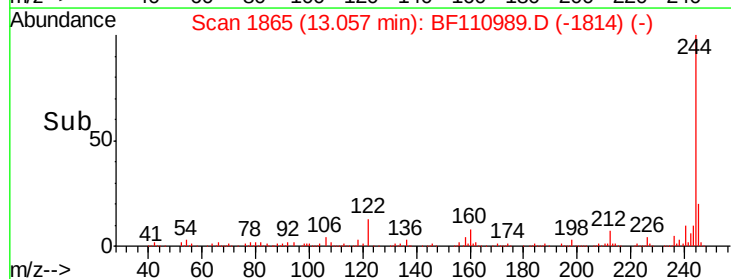
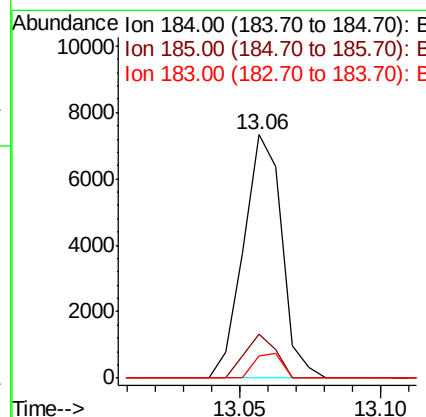
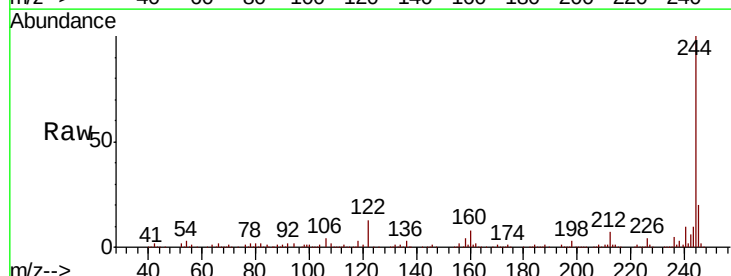
Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

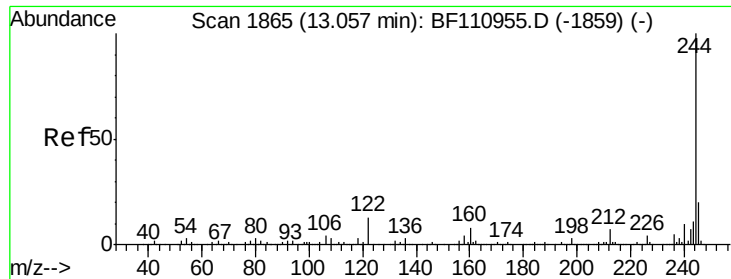
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.1	21.2	31.8



#77
 Benzidine
 Concen: 3.269 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.9	13.4	20.2
183	9.2	9.4	14.2#

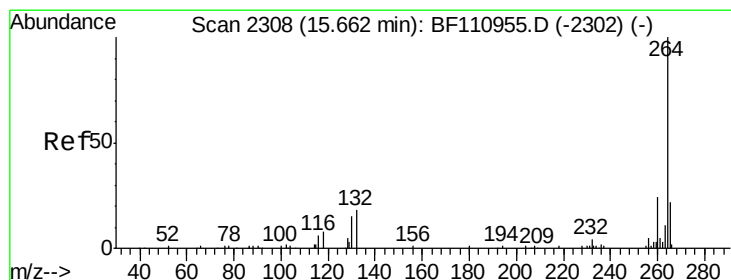
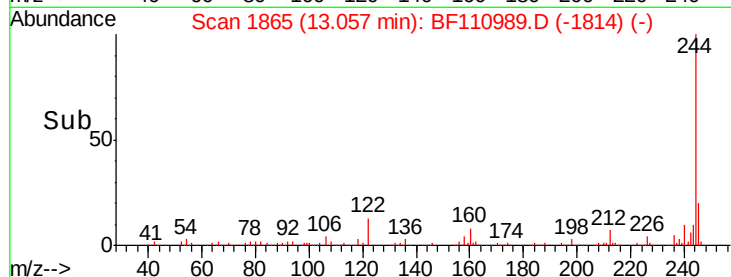
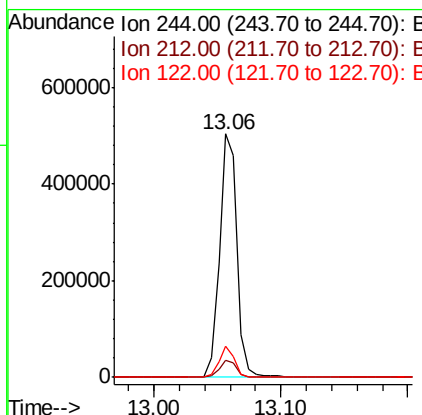
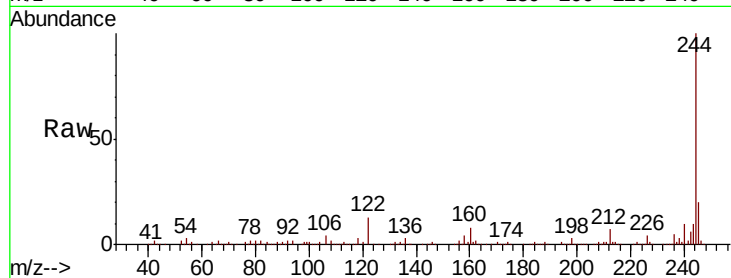




#79
 Terphenyl-d14
 Concen: 114.446 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.6	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	20.5	16.7	25.1

