

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110908.D
 Acq On : 20 Nov 2018 21:35
 Operator : JU/SJ
 Sample : J5957-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Quant Time: Nov 21 04:22:55 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

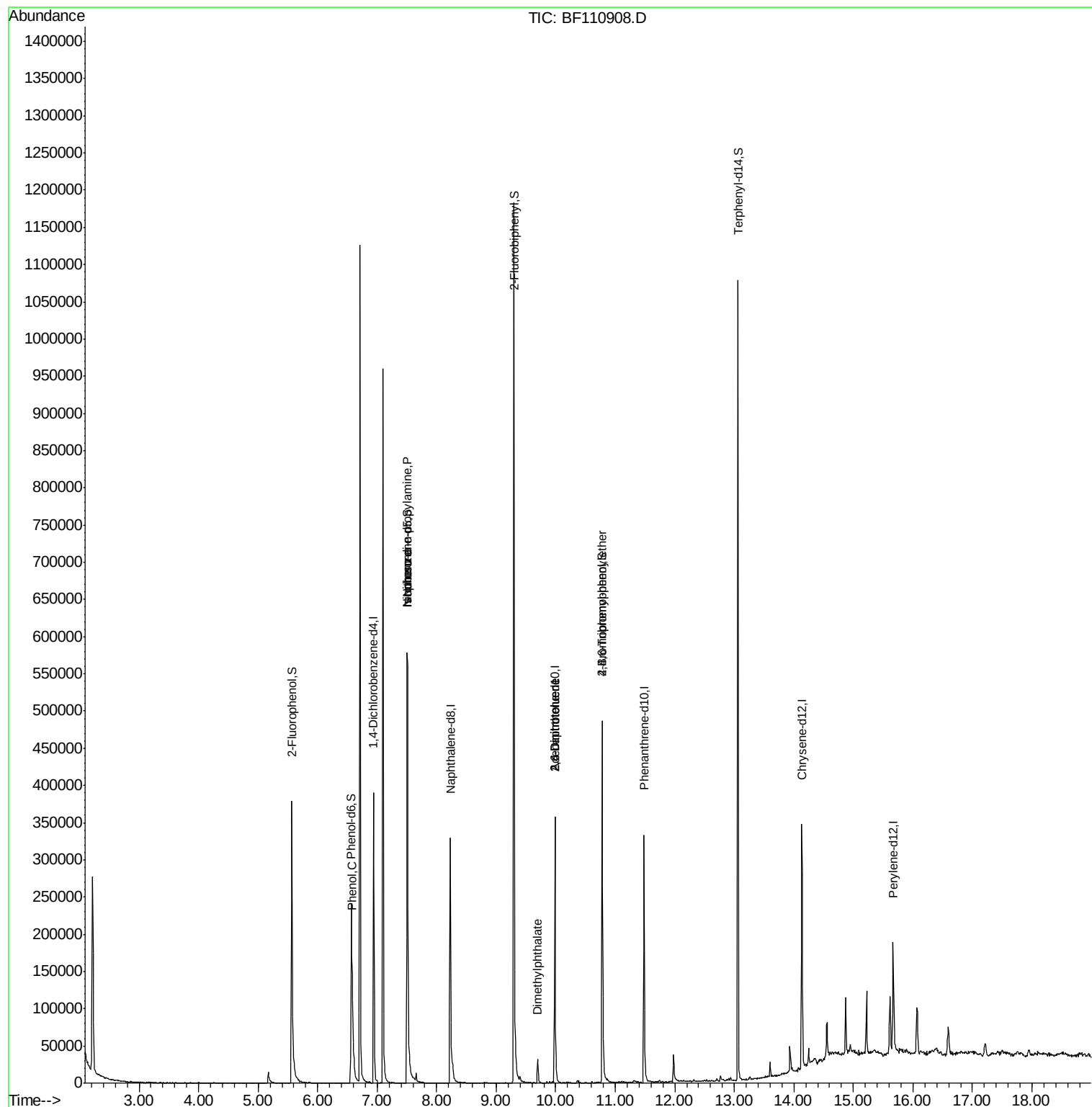
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59552	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	228012	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	90374	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	146441	20.00	ng	0.00
76) Chrysene-d12	14.13	240	122236	20.00	ng	0.00
87) Perylene-d12	15.67	264	81470	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	148745	40.57	ng	0.00
7) Phenol-d6	6.57	99	112614	24.02	ng	0.00
23) Nitrobenzene-d5	7.50	82	252563	63.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	70946	77.91	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	446325	70.53	ng	0.00
79) Terphenyl-d14	13.06	244	383261	58.72	ng	0.00
Target Compounds						
10) Phenol	6.58	94	35669	6.561	ng	# 72
19) n-Nitroso-di-n-propylamine	7.50	70	32281	10.787	ng	# 81
25) Isophorone	7.50	82	252561	38.920	ng	# 67
50) Dimethylphthalate	9.69	163	20264	3.005	ng	# 97
51) 2,6-Dinitrotoluene	9.98	165	10869	7.327	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	10869	5.635	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	4359	2.693	ng	# 1

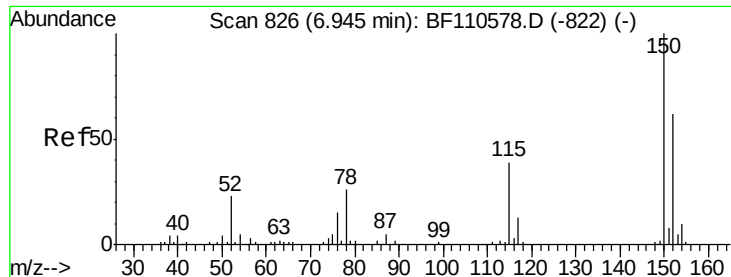
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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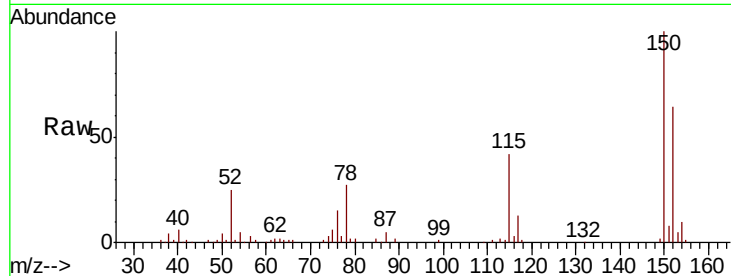




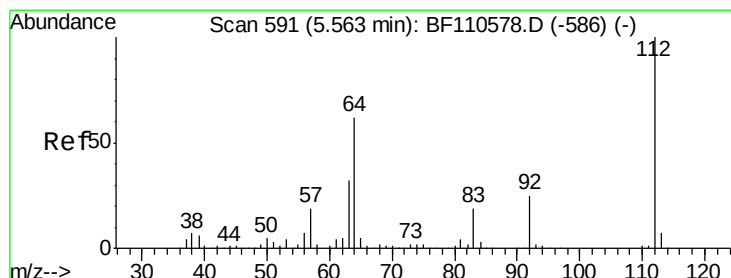
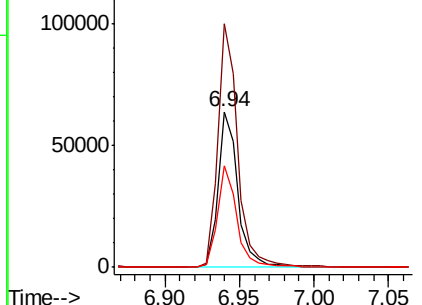
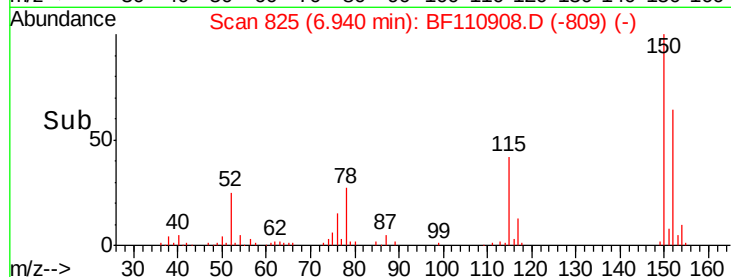
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tgt Ion:152 Resp: 59552
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 65.5 49.1 73.7

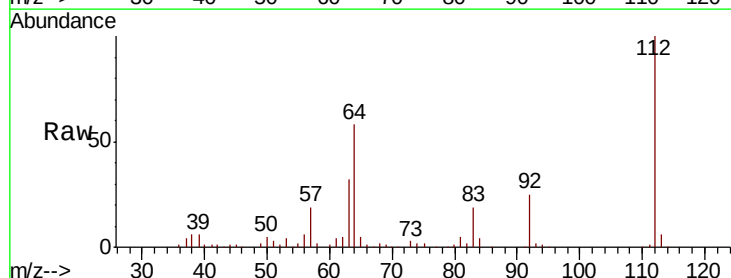


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

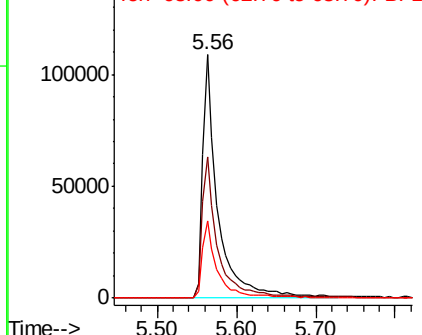
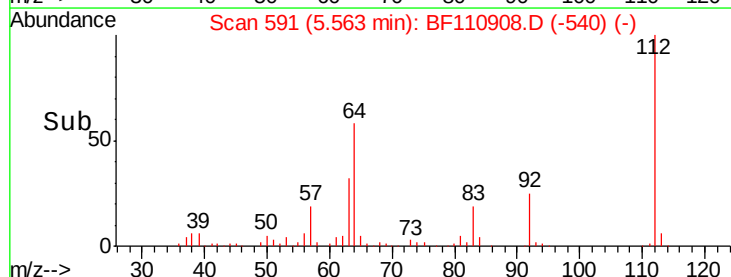


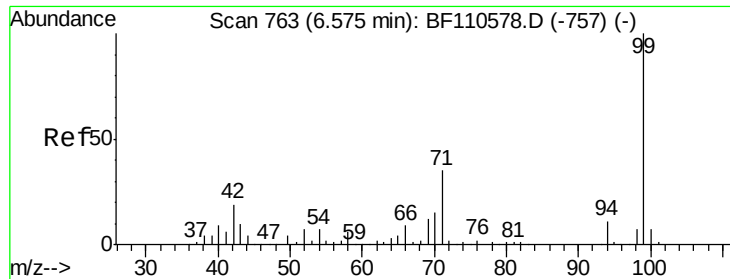
#5
 2-Fluorophenol
 Concen: 40.571 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Tgt Ion:112 Resp: 148745
 Ion Ratio Lower Upper
 112 100
 64 57.7 44.1 66.1
 63 31.7 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: 24.020 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110908.D

Acq: 20 Nov 2018 21:35

Instrument :

BNA_F

ClientSampleId :

W-1

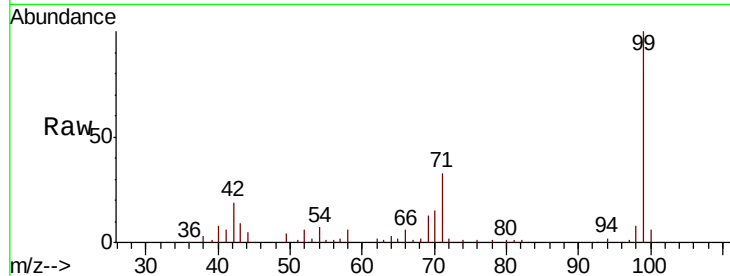
Tgt Ion: 99 Resp: 112614

Ion Ratio Lower Upper

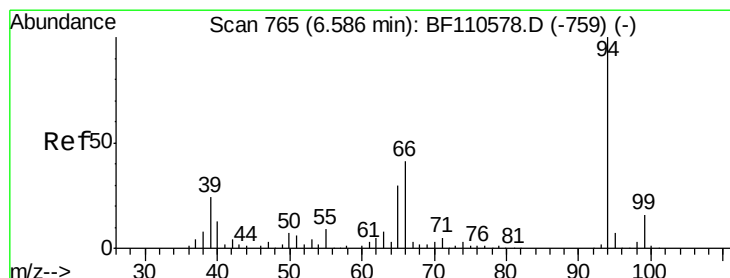
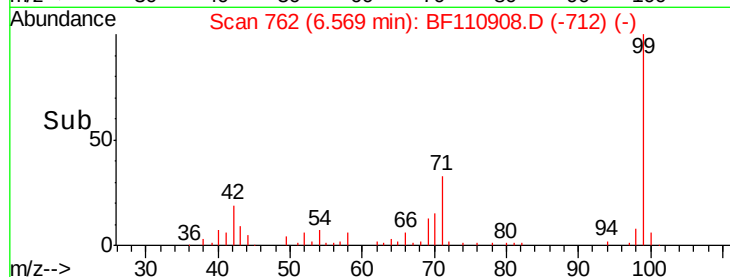
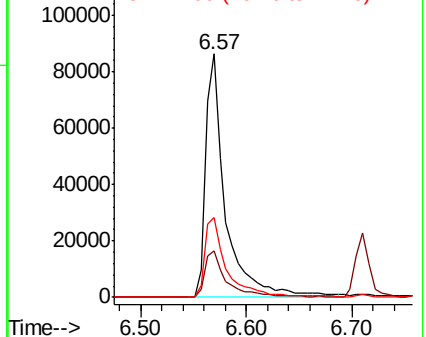
99 100

42 19.0 15.8 23.6

71 32.7 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: 6.561 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110908.D

Acq: 20 Nov 2018 21:35

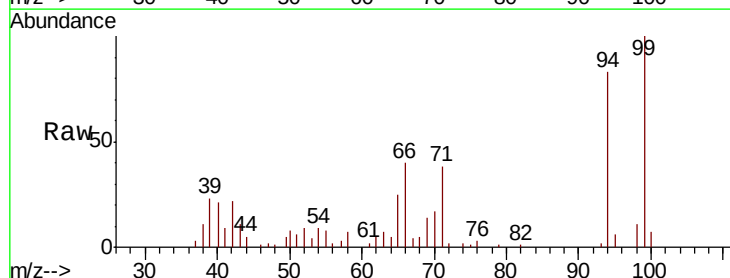
Tgt Ion: 94 Resp: 35669

Ion Ratio Lower Upper

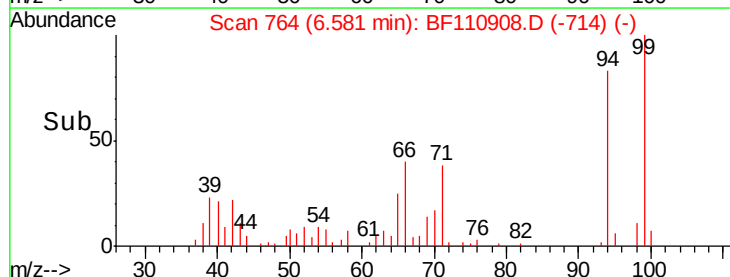
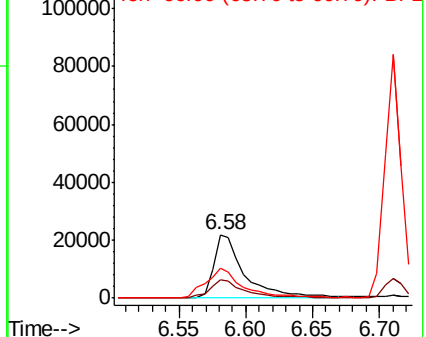
94 100

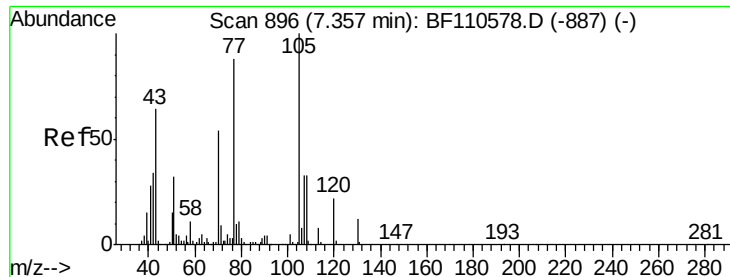
65 29.7 25.3 65.3

66 48.0 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

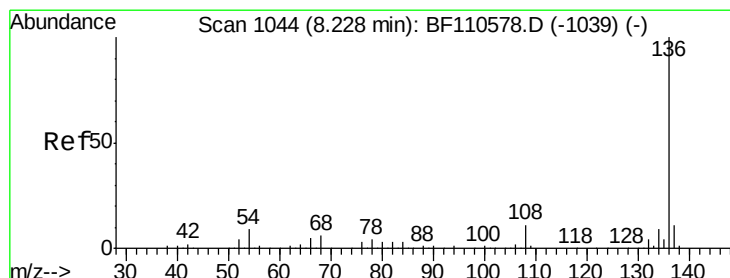
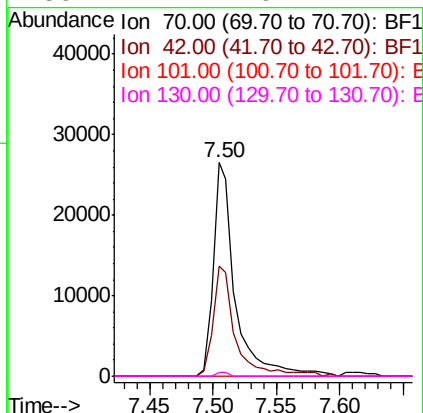
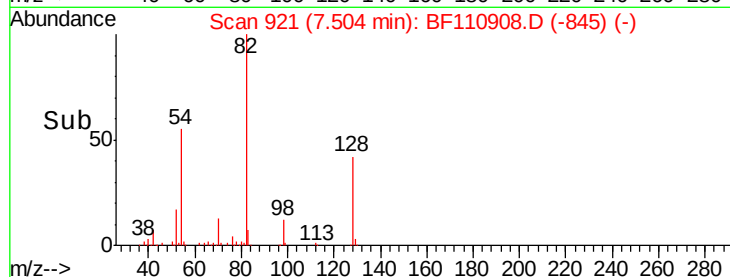
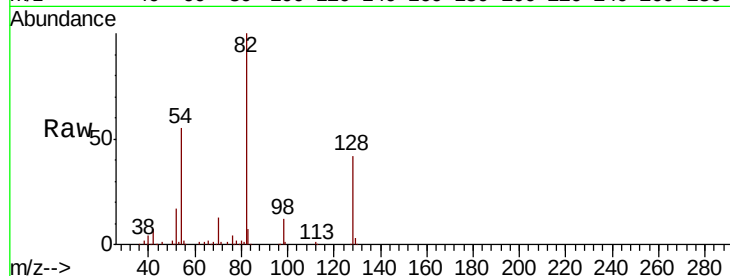




#19
n-Nitroso-di-n-propylamine
Concen: 10.787 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110908.D
Acq: 20 Nov 2018 21:35

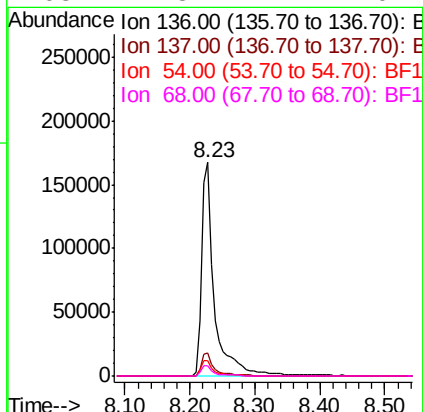
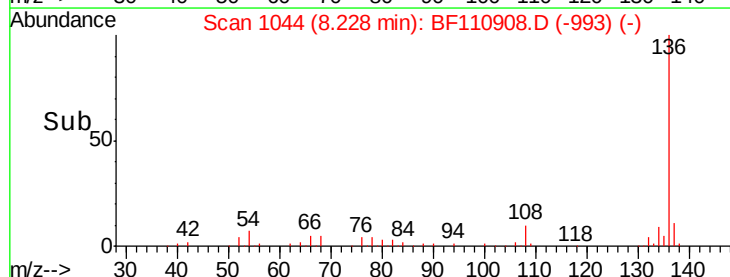
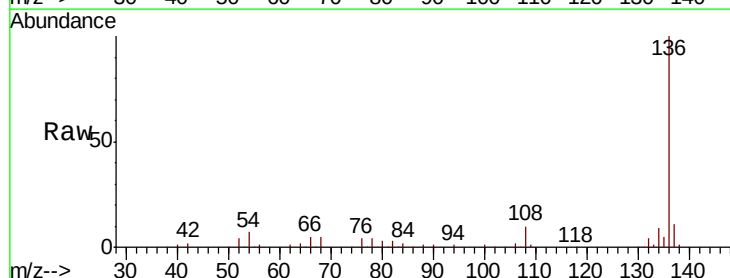
Instrument :
BNA_F
ClientSampleId :
W-1

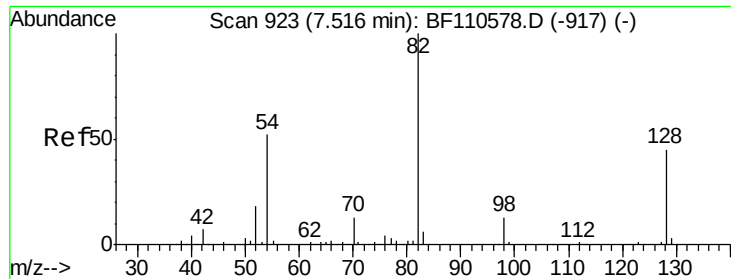
Tgt Ion: 70 Resp: 32281
Ion Ratio Lower Upper
70 100
42 51.6 47.4 71.2
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110908.D
Acq: 20 Nov 2018 21:35

Tgt Ion: 136 Resp: 228012
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 5.4 8.2
68 4.8 4.2 6.2

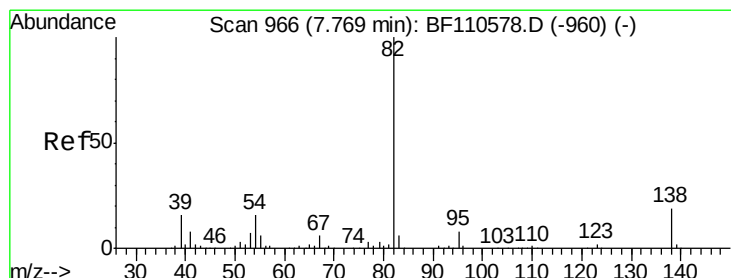
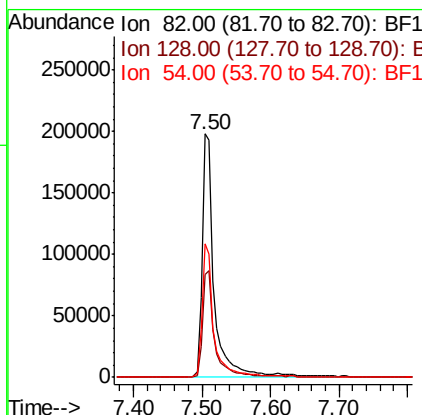
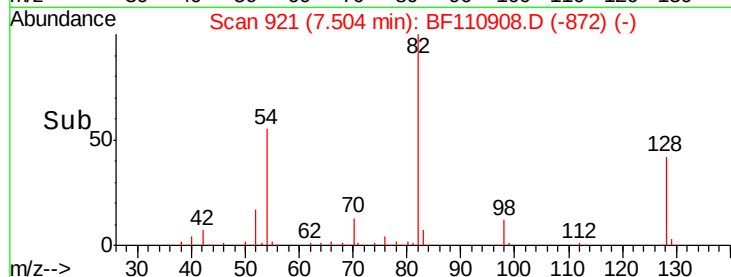
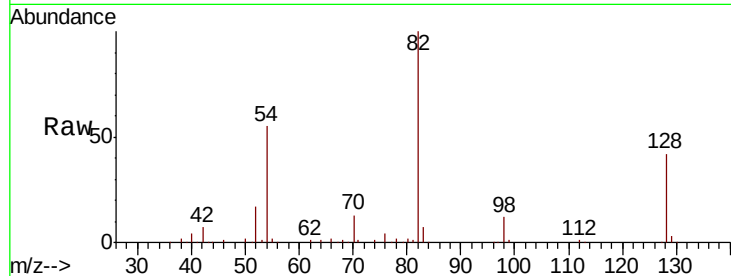




#23
 Nitrobenzene-d5
 Concen: 63.790 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

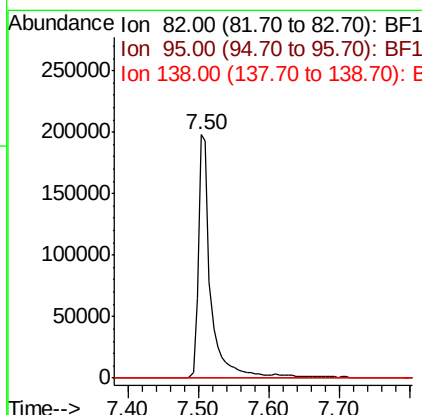
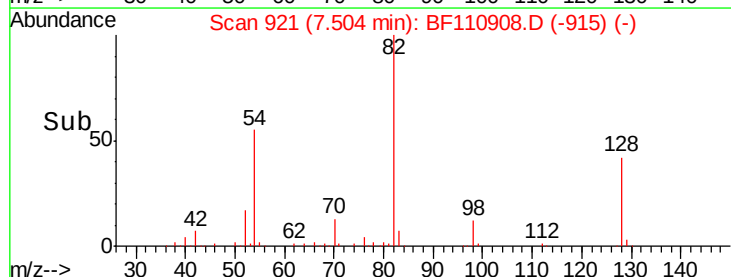
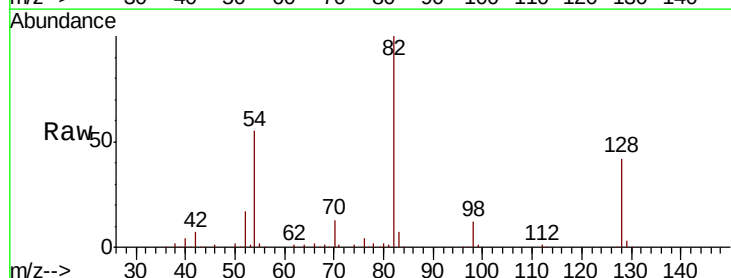
Instrument :
 BNA_F
 ClientSampleId :
 W-1

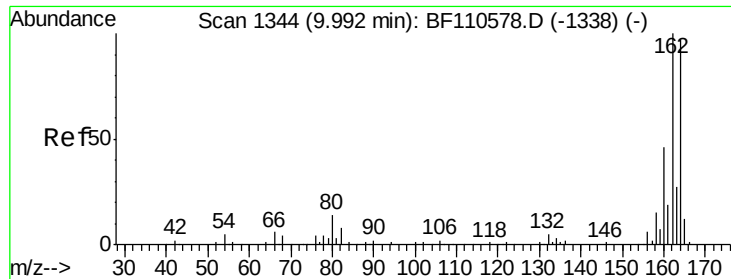
Tgt Ion: 82 Resp: 252563
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.2 51.2
 54 54.6 38.6 58.0



#25
 Isophorone
 Concen: 38.920 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Tgt Ion: 82 Resp: 252561
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110908.D

Acq: 20 Nov 2018 21:35

Instrument :

BNA_F

ClientSampleId :

W-1

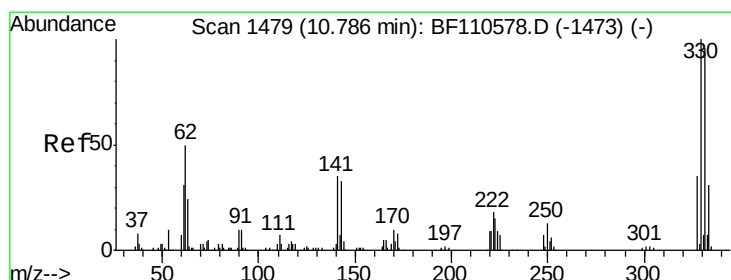
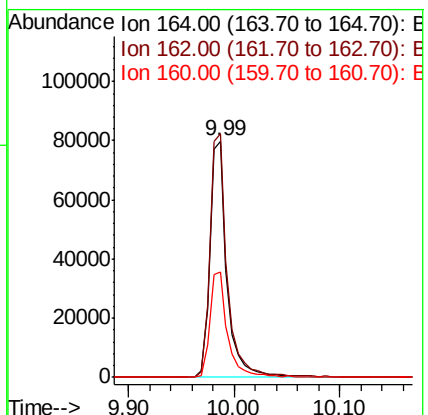
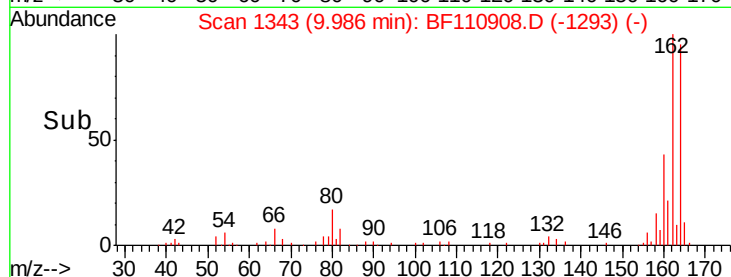
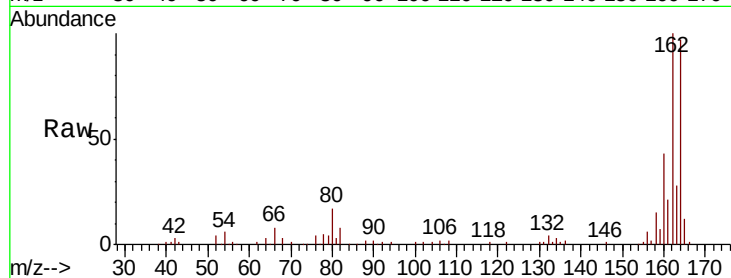
Tgt Ion:164 Resp: 90374

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

160 44.8 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 77.909 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110908.D

Acq: 20 Nov 2018 21:35

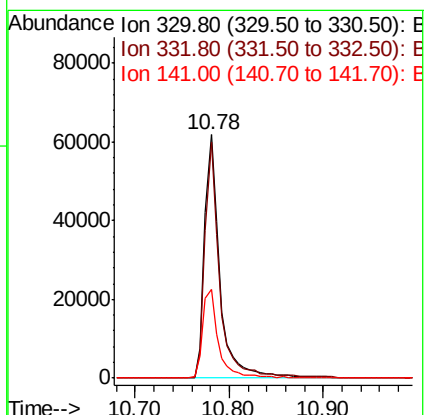
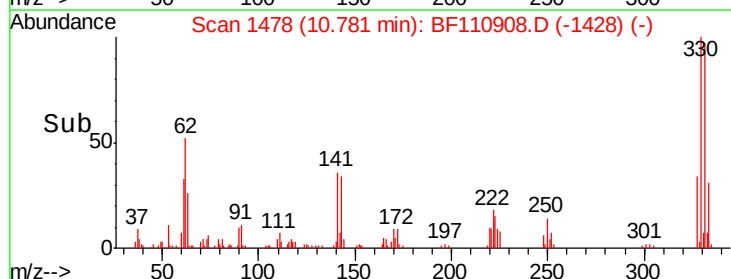
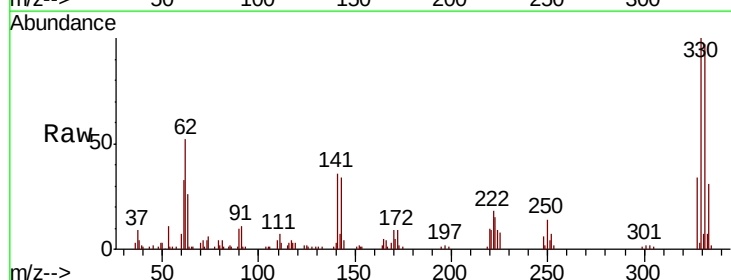
Tgt Ion:330 Resp: 70946

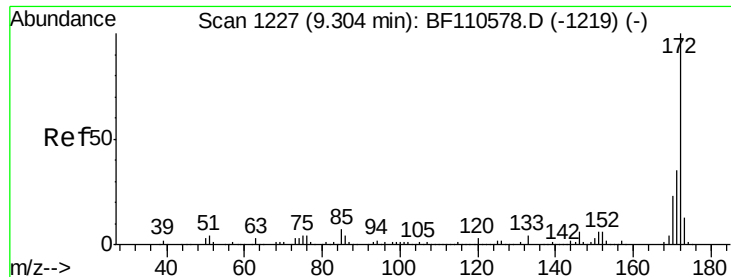
Ion Ratio Lower Upper

330 100

332 93.4 77.1 115.7

141 37.3 27.0 40.4

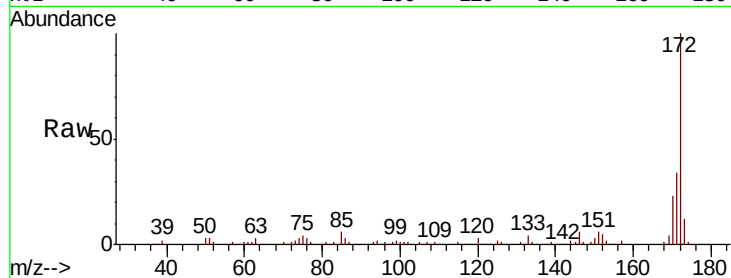




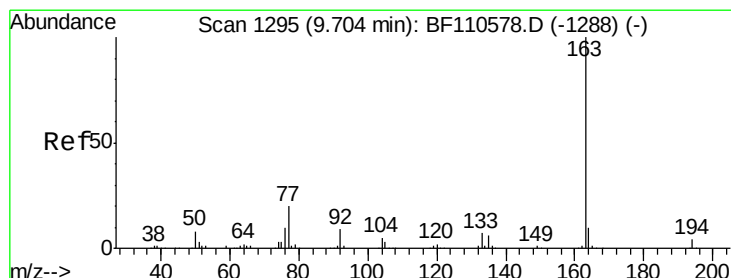
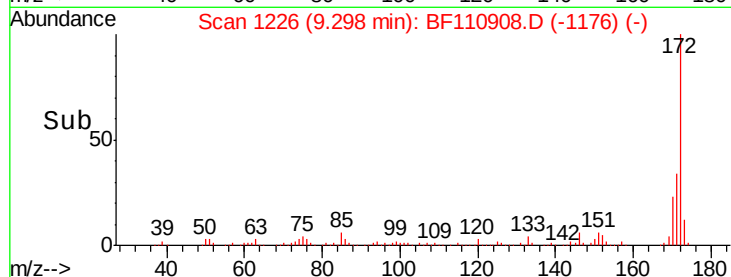
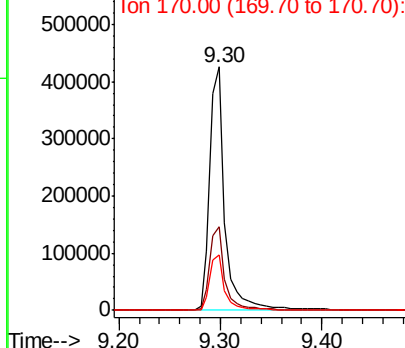
#45
 2-Fluorobiphenyl
 Concen: 70.533 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Instrument :
 BNA_F
 ClientSampled :
 W-1

Tgt Ion:172 Resp: 446325
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 22.9 19.7 29.5

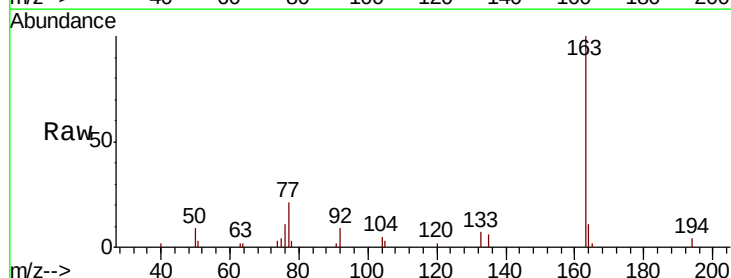


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

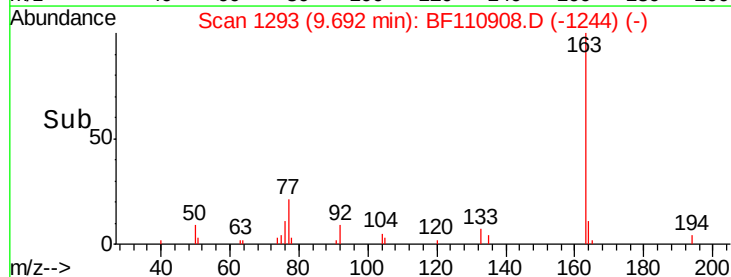
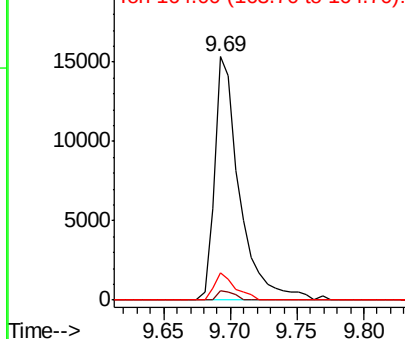


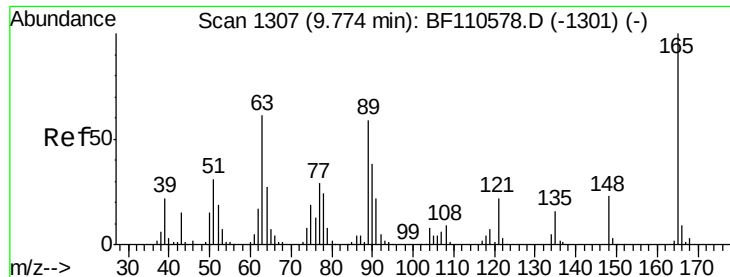
#50
 Dimethylphthalate
 Concen: 3.005 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Tgt Ion:163 Resp: 20264
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 11.4 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

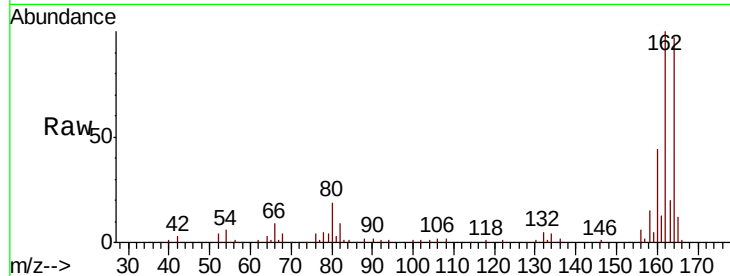




#51
 2,6-Dinitrotoluene
 Concen: 7.327 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :
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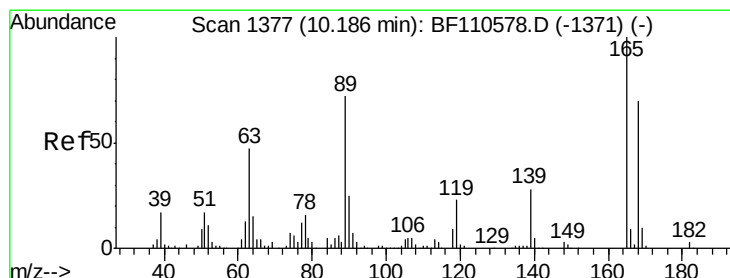
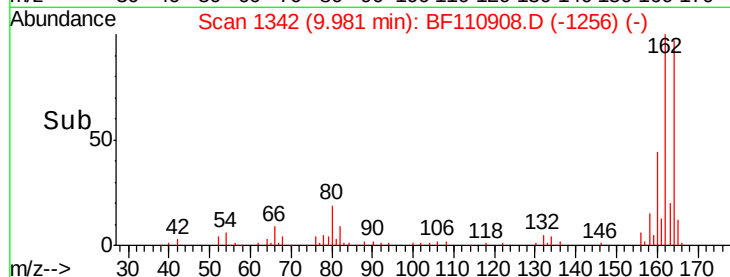
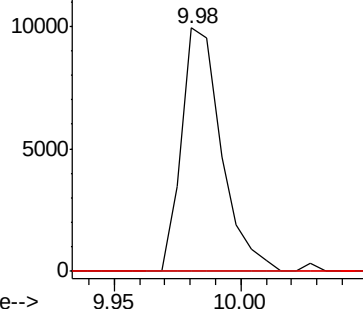
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

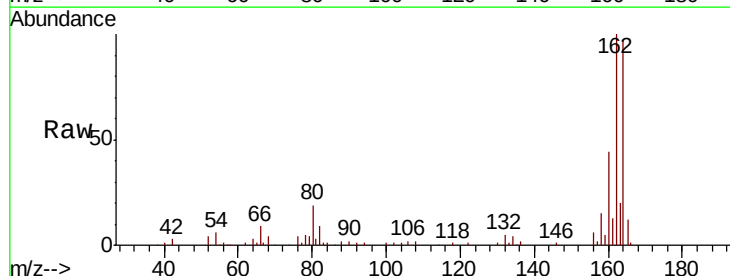
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 5.635 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

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#

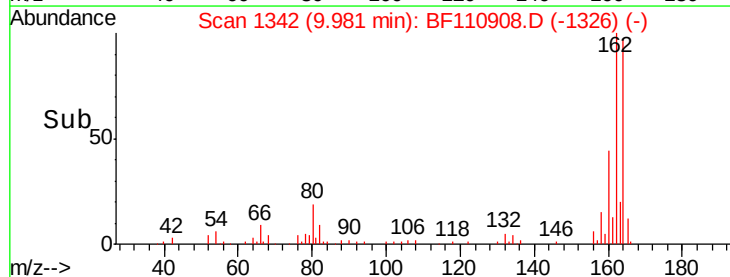
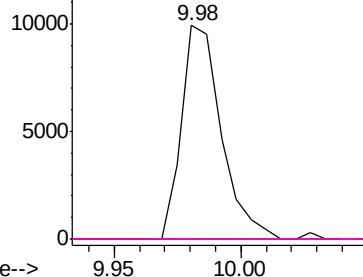


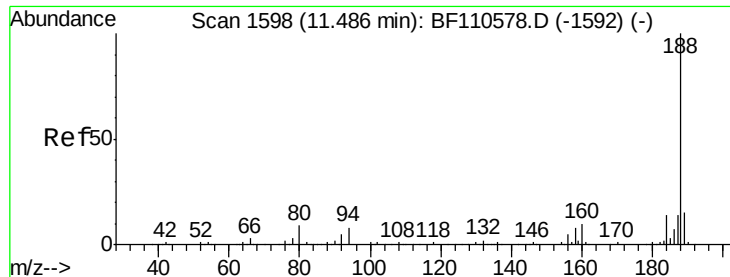
Abundance Ion 165.00 (164.70 to 165.70): E

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

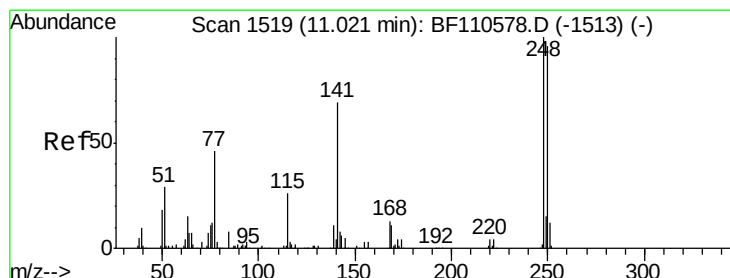
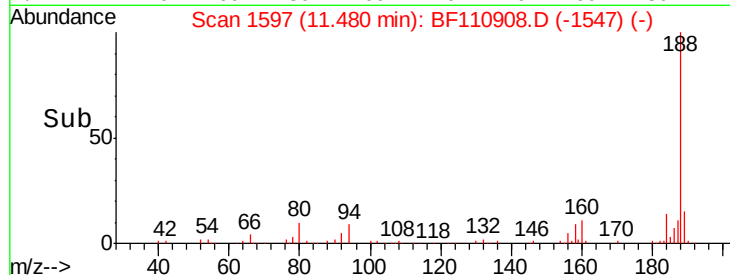
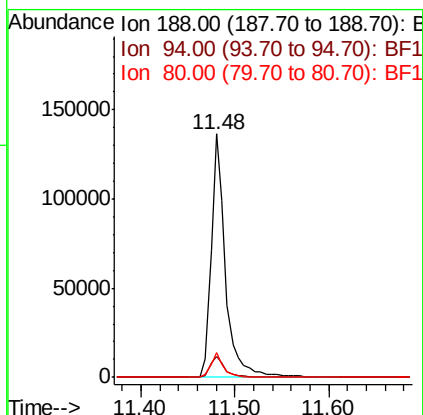
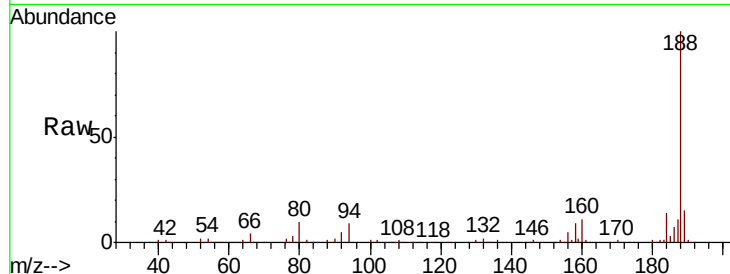




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

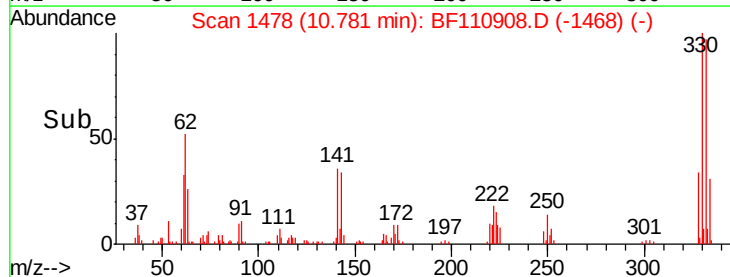
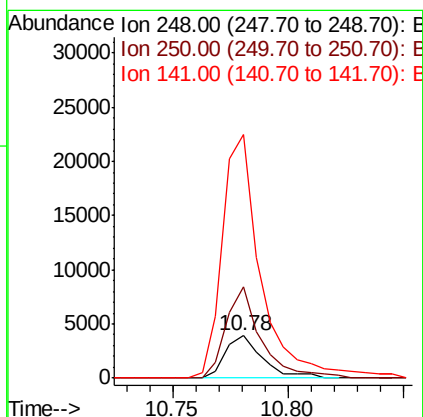
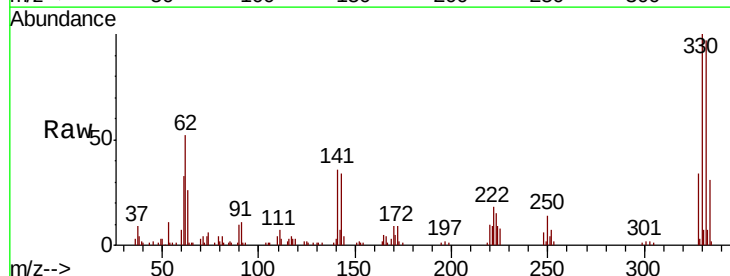
Instrument :
 BNA_F
 ClientSampleId :
 W-1

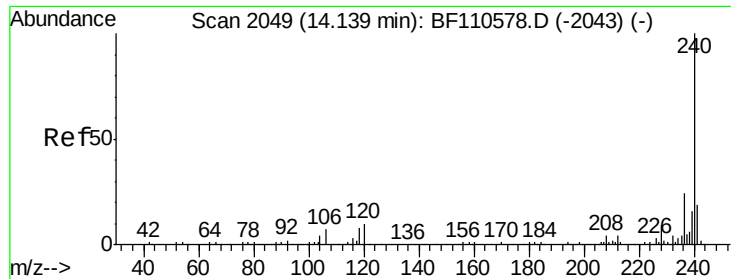
Tgt Ion:188 Resp: 146441
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 10.1 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.693 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110908.D
 Acq: 20 Nov 2018 21:35

Tgt Ion:248 Resp: 4359
 Ion Ratio Lower Upper
 248 100
 250 213.5 79.4 119.2#
 141 572.0 55.9 83.9#

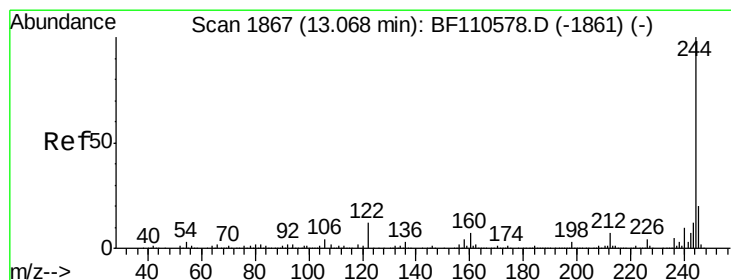
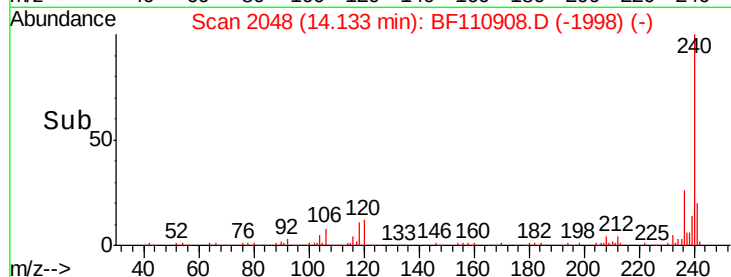
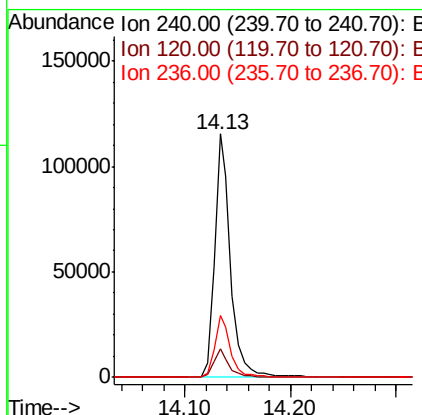
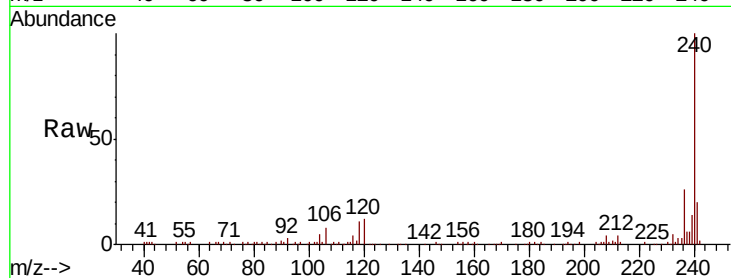




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110908.D
Acq: 20 Nov 2018 21:35

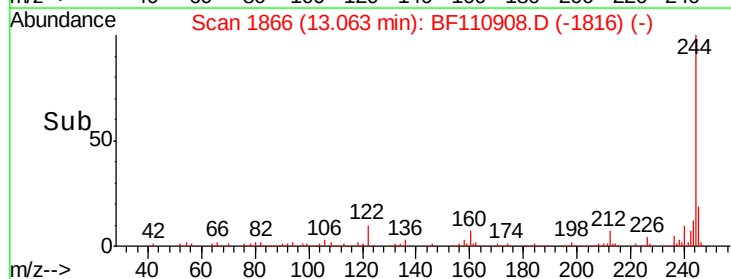
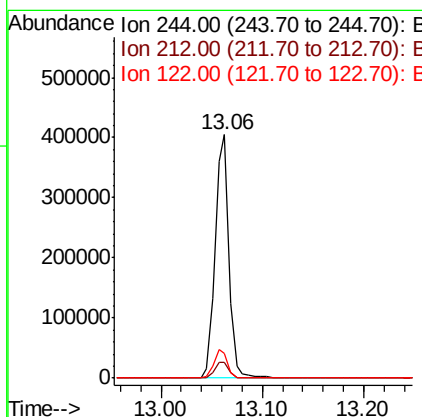
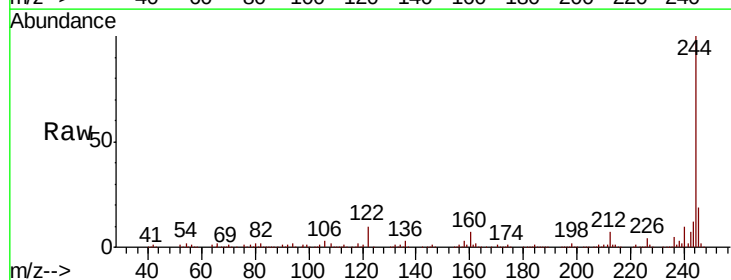
Instrument :
BNA_F
ClientSampleId :
W-1

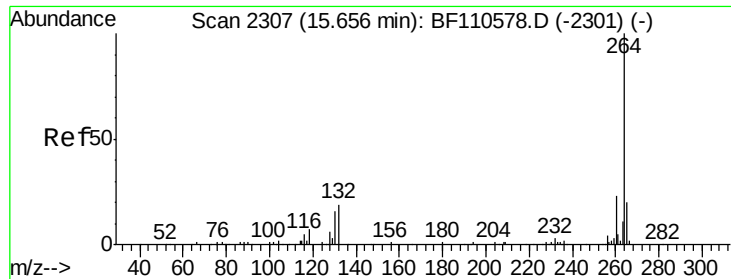
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.6	21.2	31.8



#79
Terphenyl-d14
Concen: 58.719 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110908.D
Acq: 20 Nov 2018 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.2	8.7	13.1

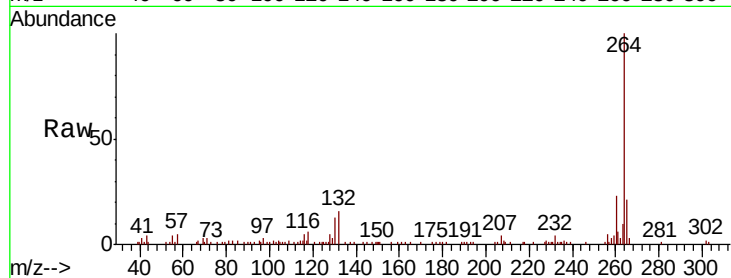




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110908.D
Acq: 20 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :
W-1

Tgt Ion: 264 Resp: 81470
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.6 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

