

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110672.D
 Acq On : 12 Nov 2018 14:14
 Operator : JU/SJ
 Sample : J5902-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 16:24:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

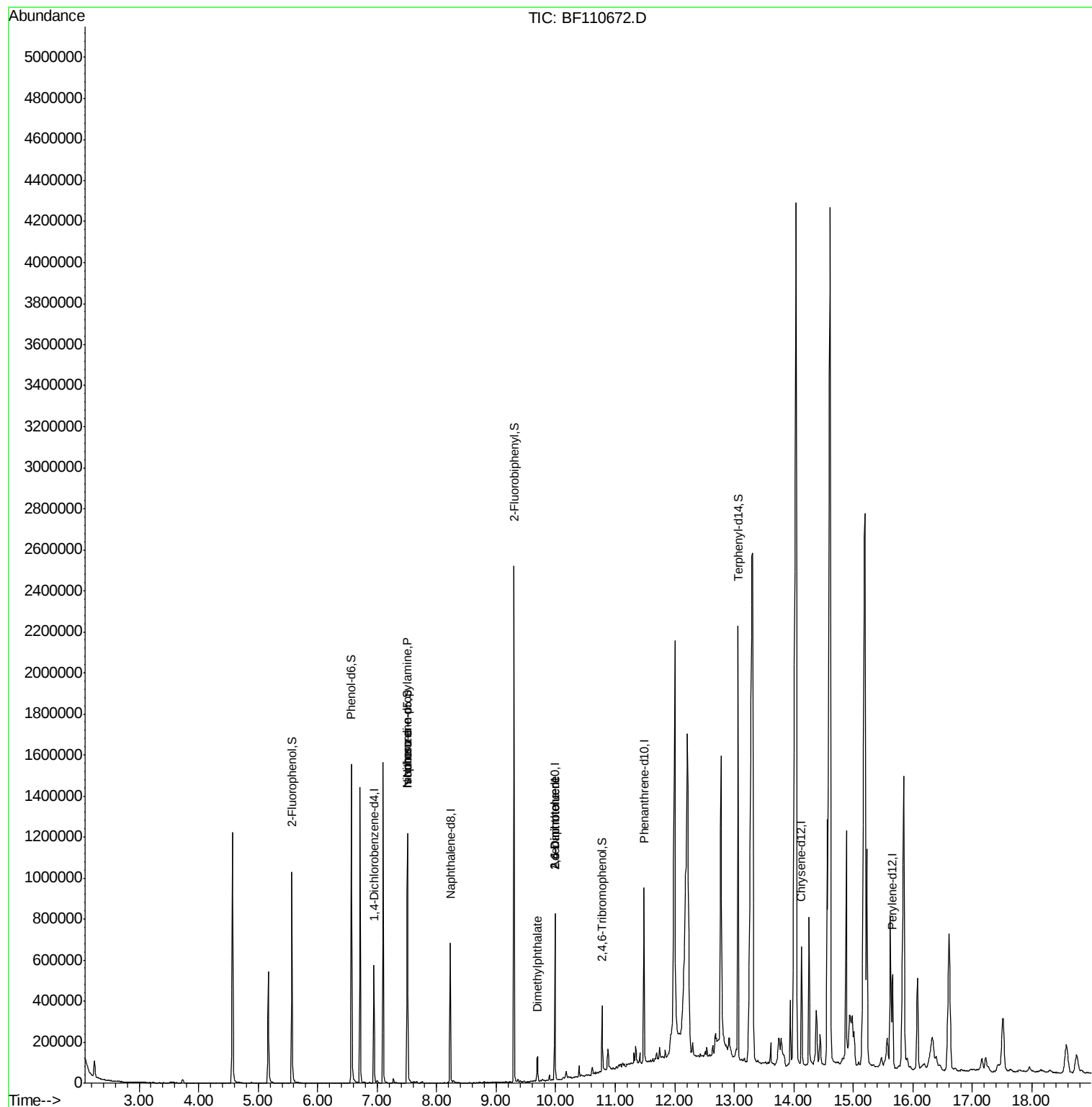
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79460	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	318566	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	150208	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	281579	20.00	ng	0.00
76) Chrysene-d12	14.13	240	207677	20.00	ng	-0.01
87) Perylene-d12	15.66	264	174084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	300824	61.49	ng	0.00
7) Phenol-d6	6.57	99	524559	83.85	ng	0.00
23) Nitrobenzene-d5	7.51	82	386551	69.88	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	39042	25.80	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	740929	70.45	ng	0.00
79) Terphenyl-d14	13.06	244	740375	66.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	51689	12.945	ng	Qvalue # 79
25) Isophorone	7.51	82	386547	42.635	ng	# 67
50) Dimethylphthalate	9.69	163	50363	4.493	ng	100
51) 2,6-Dinitrotoluene	9.99	165	19232	7.800	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	19232	5.999	ng	# 18

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

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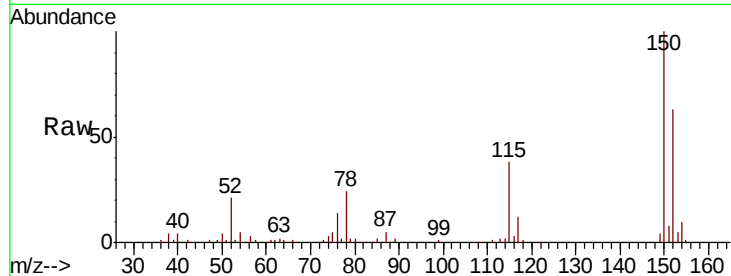




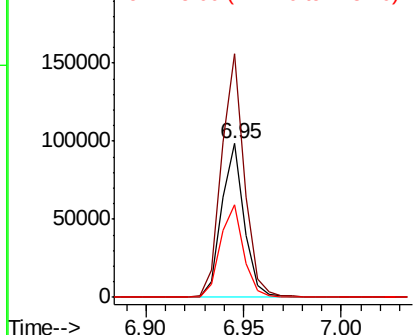
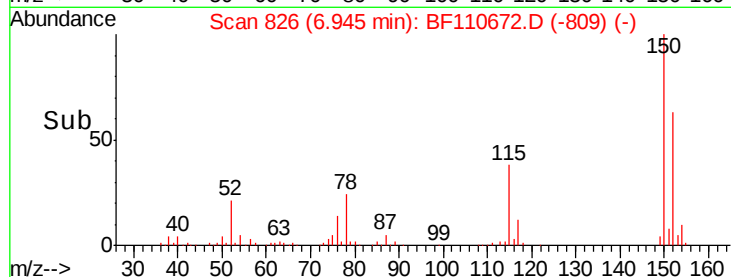
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110672.D
 Acq: 12 Nov 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 79460
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.7 184.1
 115 60.0 49.1 73.7

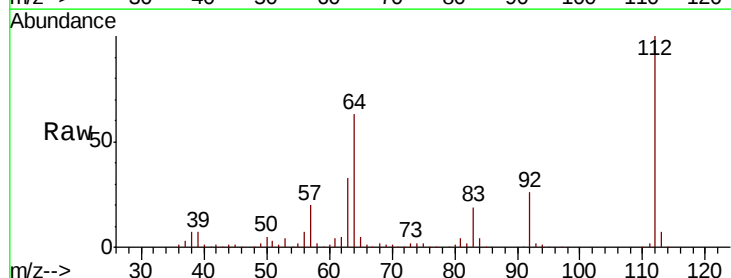


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

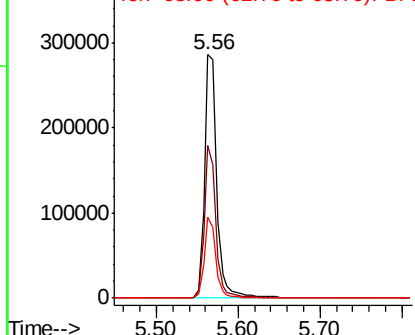
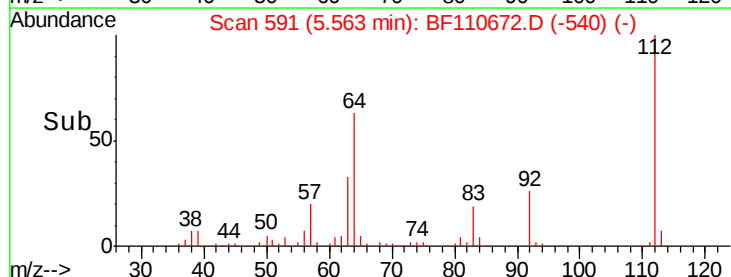


#5
 2-Fluorophenol
 Concen: 61.494 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110672.D
 Acq: 12 Nov 2018 14:14

Tgt Ion:112 Resp: 300824
 Ion Ratio Lower Upper
 112 100
 64 62.9 44.1 66.1
 63 33.3 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: 83.855 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110672.D

Acq: 12 Nov 2018 14:14

Instrument :

BNA_F

ClientSampleId :

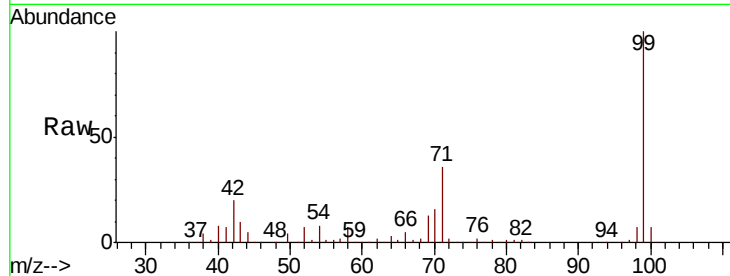
Tot Ion: 99 Resp: 524559

Ion Ratio Lower Upper

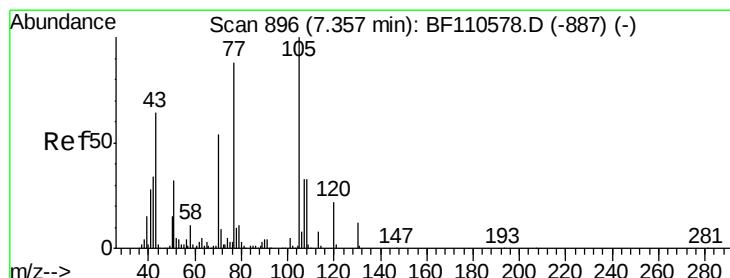
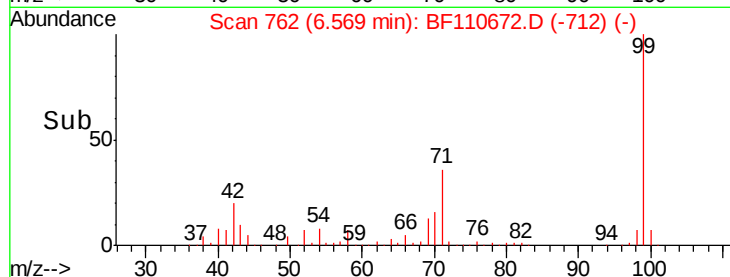
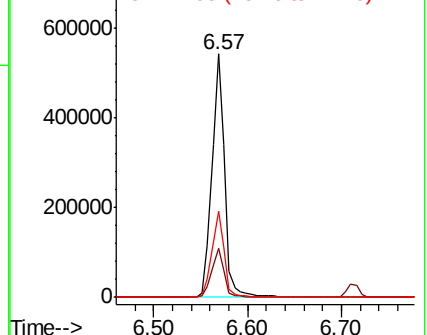
99 100

42 20.1 15.8 23.6

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.945 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110672.D

Acq: 12 Nov 2018 14:14

Tgt Ion: 70 Resp: 51689

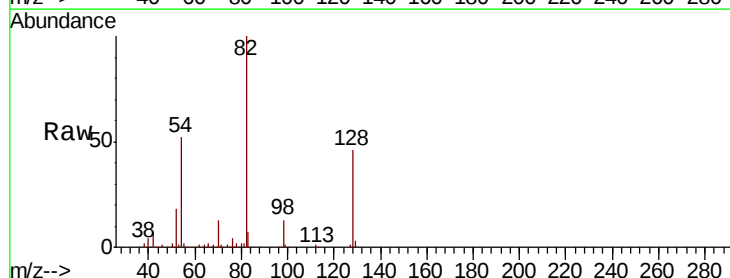
Ion Ratio Lower Upper

70 100

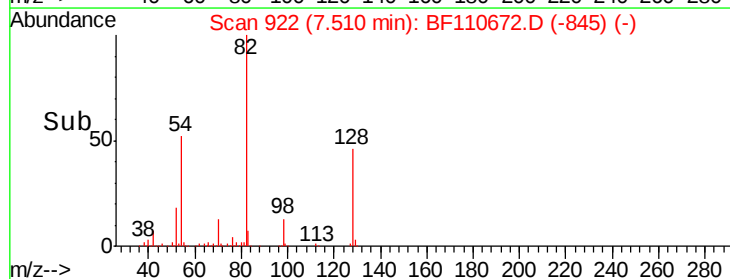
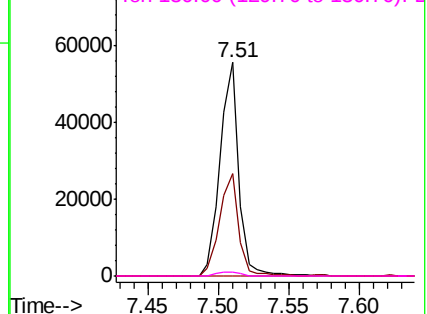
42 48.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110672.D

Acq: 12 Nov 2018 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 318566

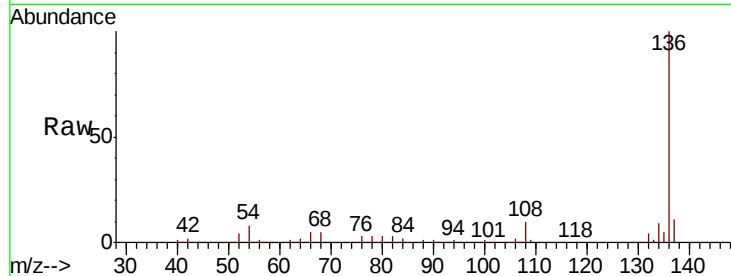
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.6 5.4 8.2

68 5.1 4.2 6.2

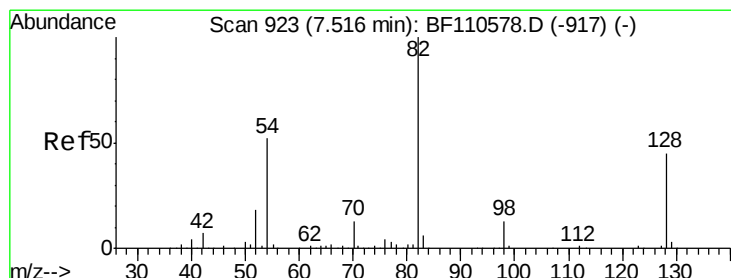
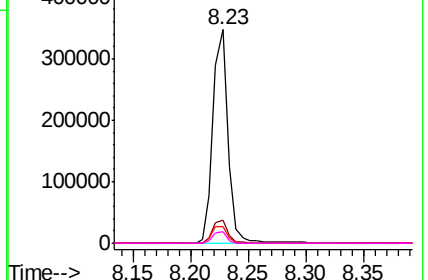
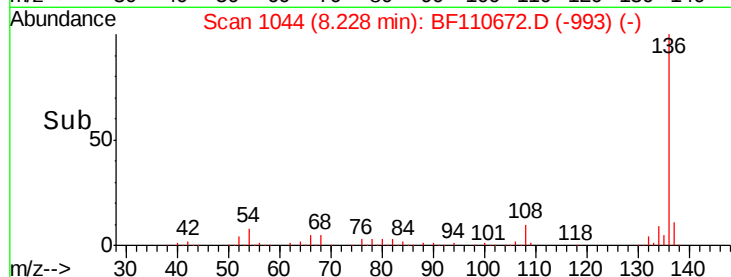


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.880 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110672.D

Acq: 12 Nov 2018 14:14

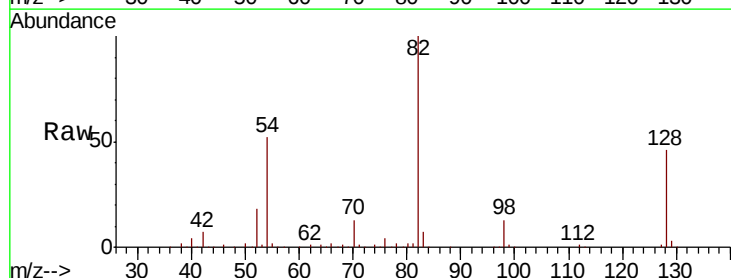
Tgt Ion: 82 Resp: 386551

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

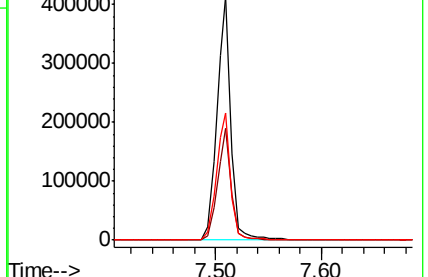
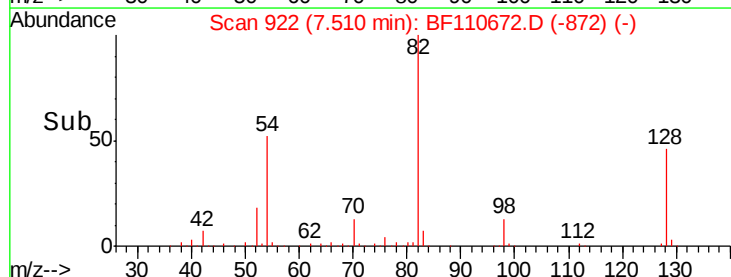
54 52.1 38.6 58.0

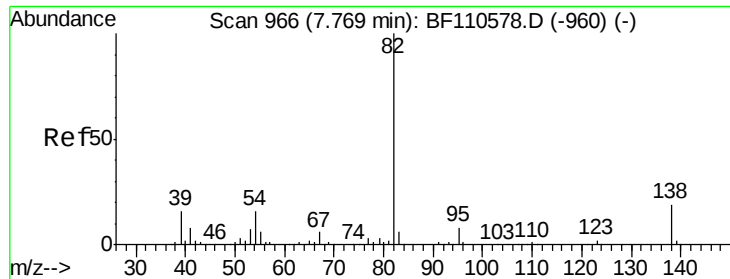


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

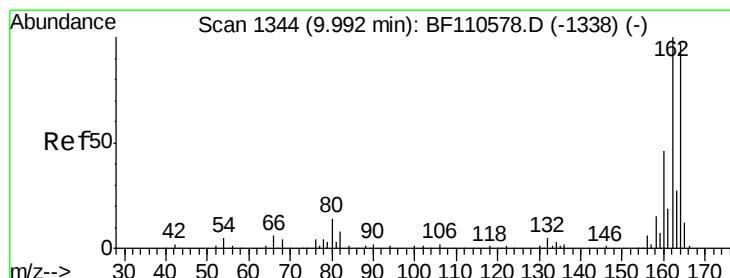
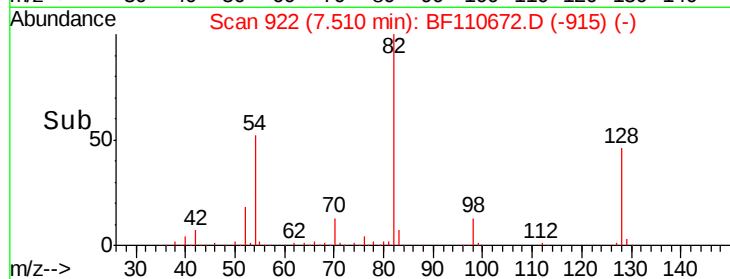
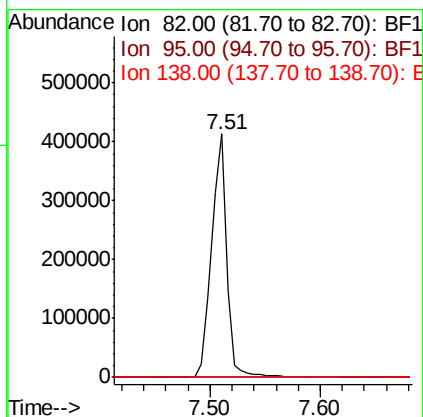
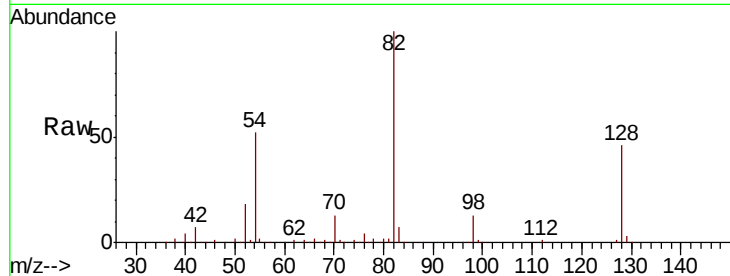




#25
Isophorone
Concen: 42.635 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

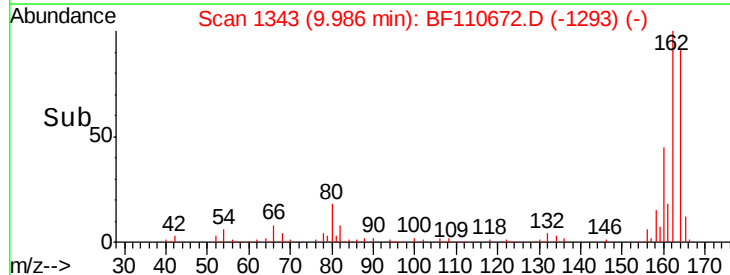
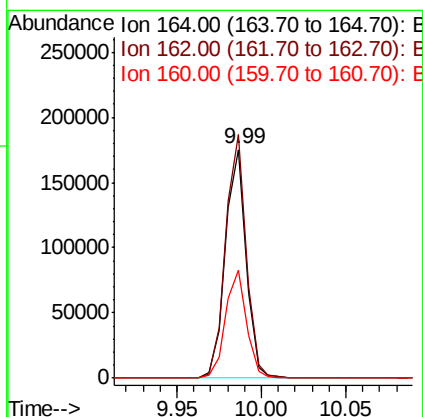
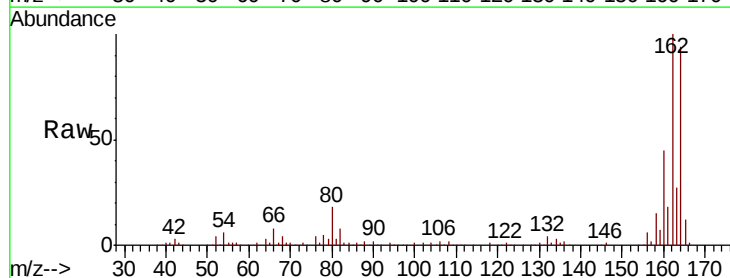
Instrument :
BNA_F
ClientSampleId :

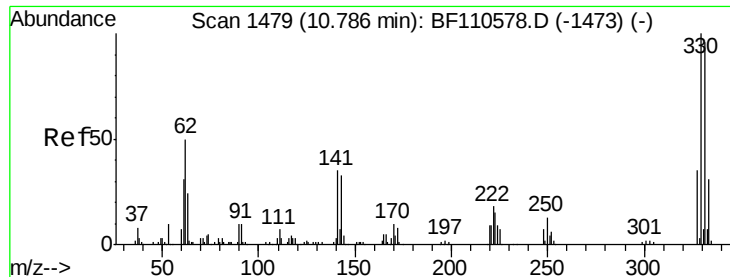
Tot Ion: 82 Resp: 386547
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

Tgt Ion:164 Resp: 150208
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.6
160 47.5 37.0 55.6

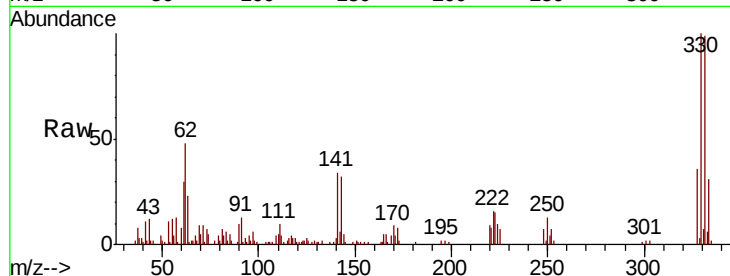




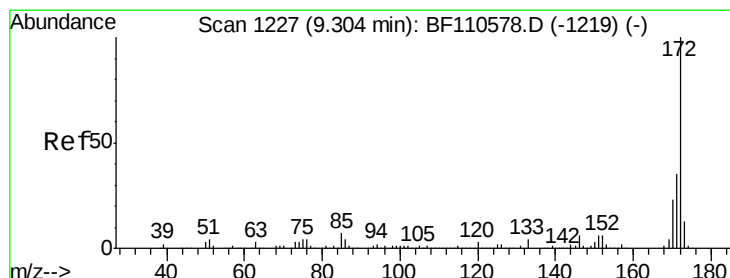
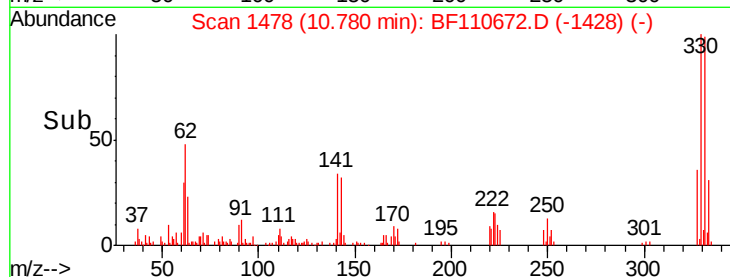
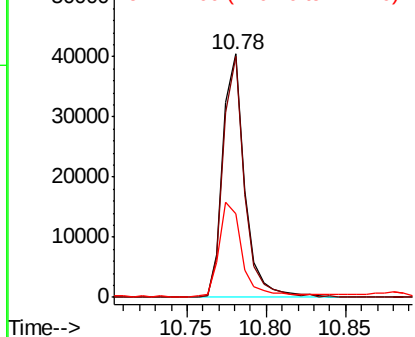
#42
 2,4,6-Tribromophenol
 Concen: 25.795 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110672.D
 Acq: 12 Nov 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 39042
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 42.8 27.0 40.4#

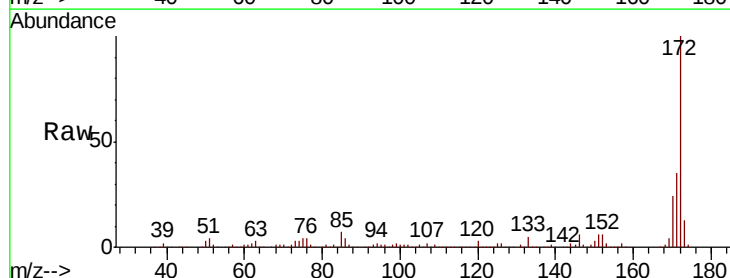


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

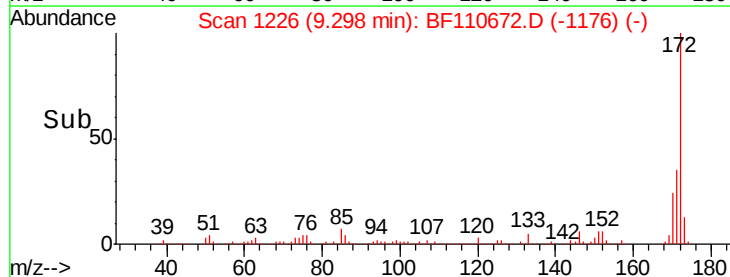
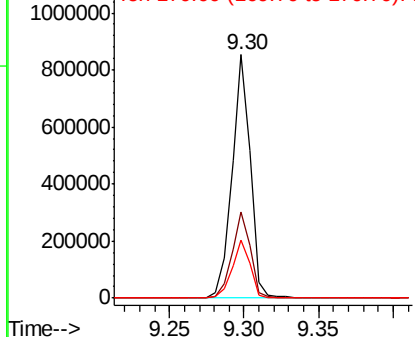


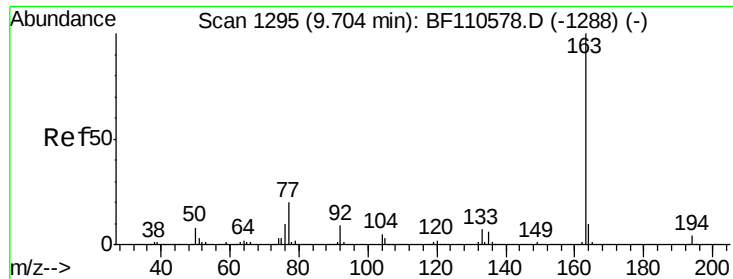
#45
 2-Fluorobiphenyl
 Concen: 70.448 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110672.D
 Acq: 12 Nov 2018 14:14

Tgt Ion:172 Resp: 740929
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.8 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

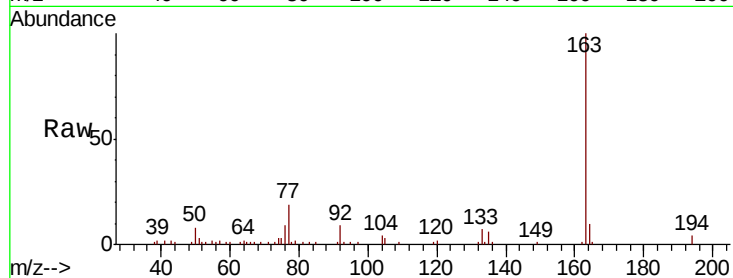




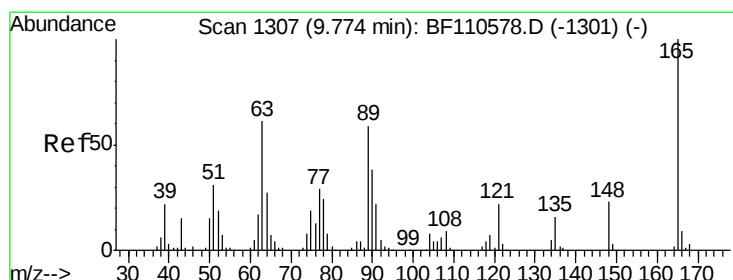
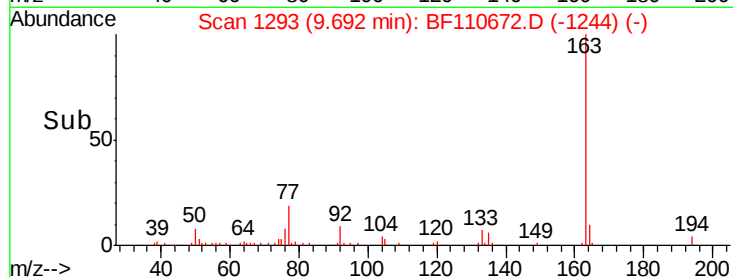
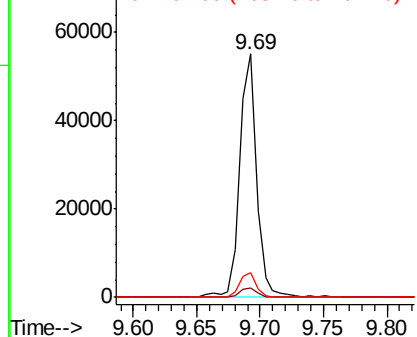
#50
Dimethylphthalate
Concen: 4.493 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 50363
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.1 12.1

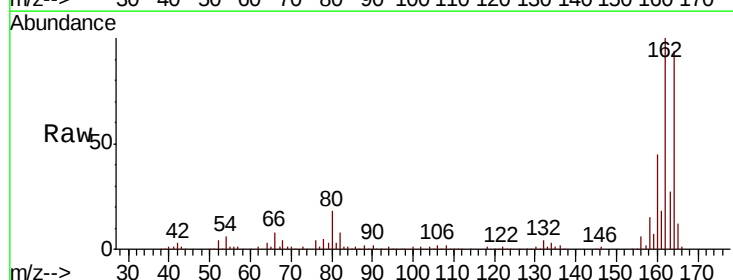


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

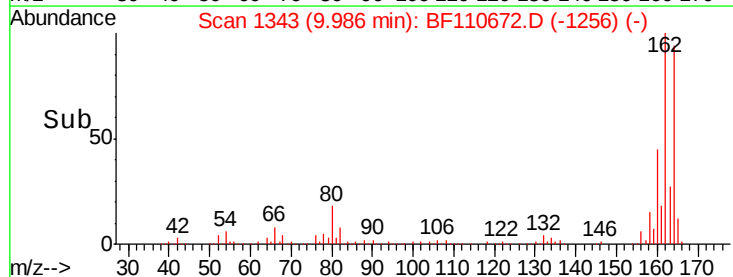
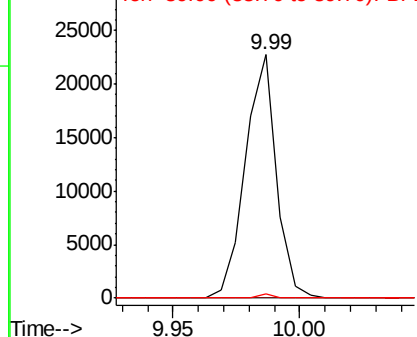


#51
2,6-Dinitrotoluene
Concen: 7.800 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

Tgt Ion:165 Resp: 19232
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.6 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

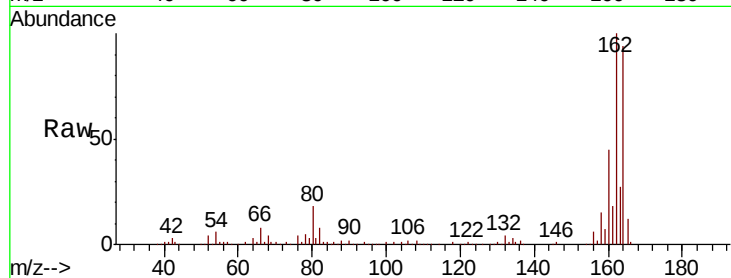




#57
 2,4-Dinitrotoluene
 Concen: 5.999 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110672.D
 Acq: 12 Nov 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

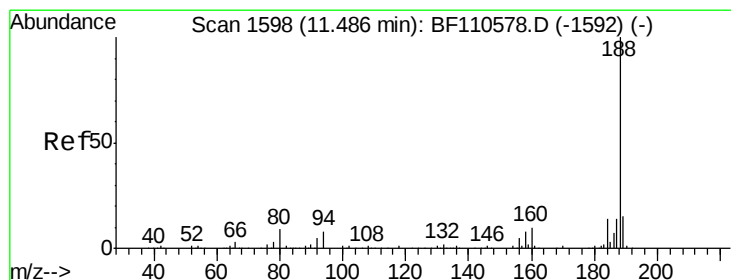
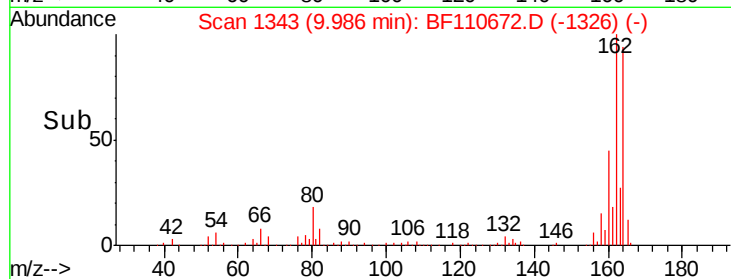
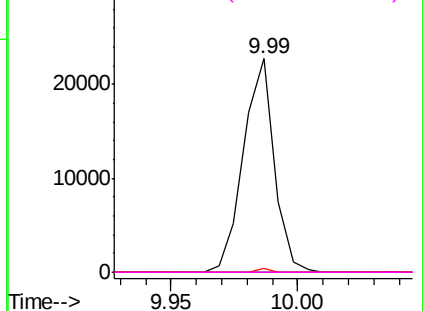


Abundance Ion 165.00 (164.70 to 165.70): E

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



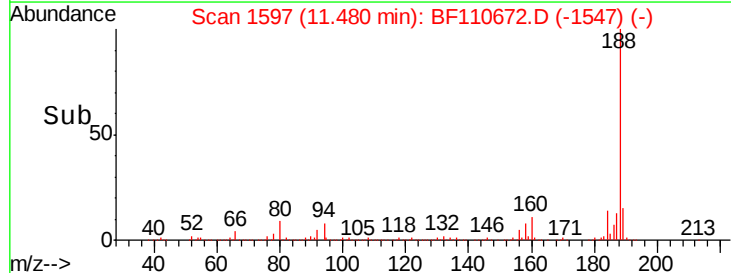
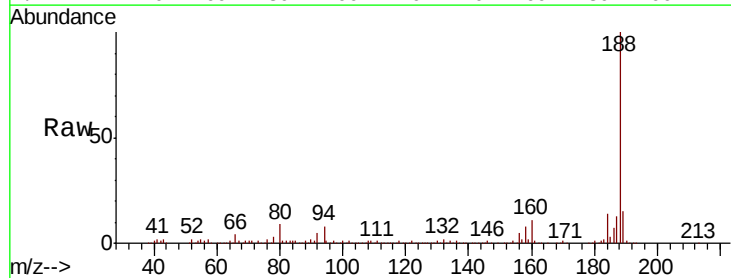
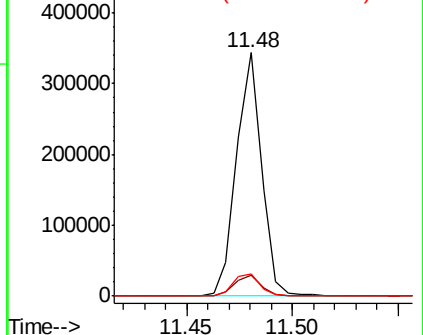
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110672.D
 Acq: 12 Nov 2018 14:14

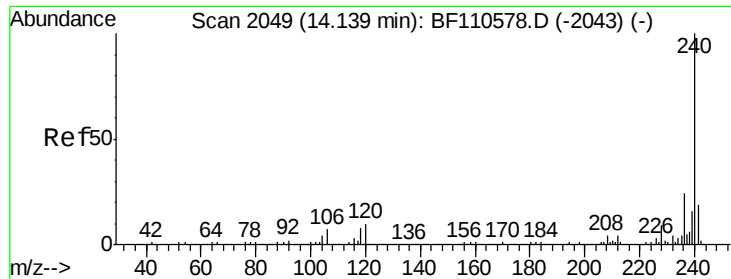
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.0	7.9	11.9

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

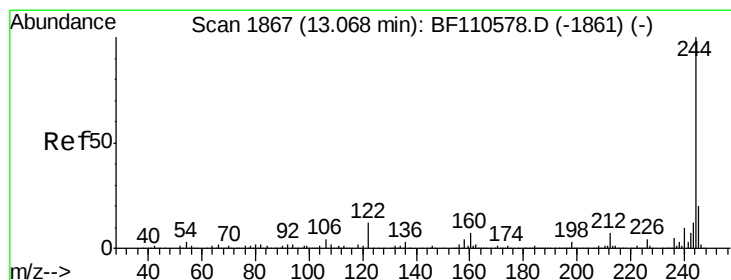
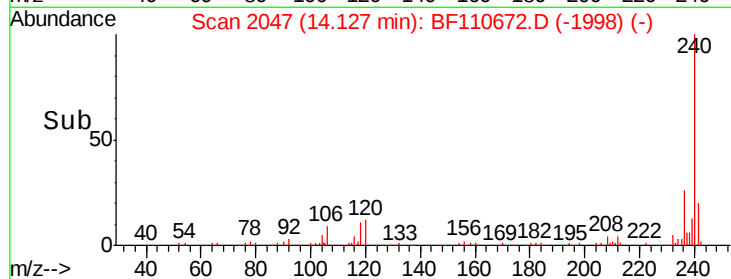
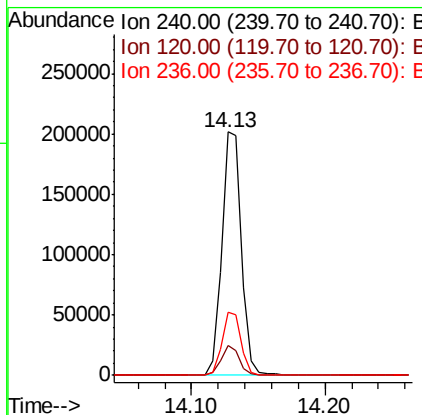
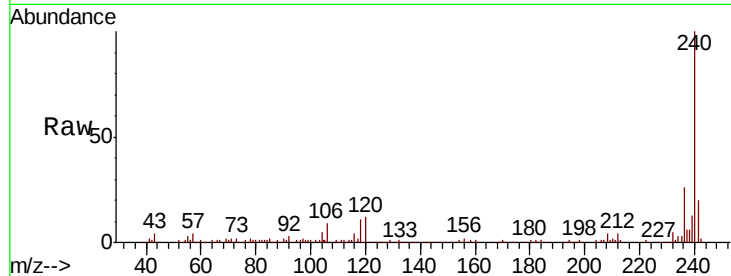




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

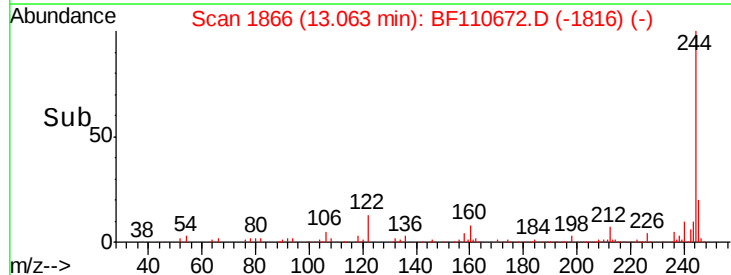
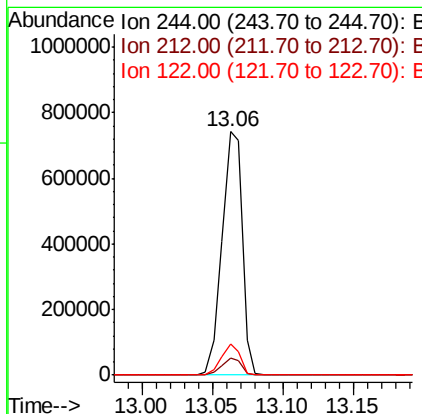
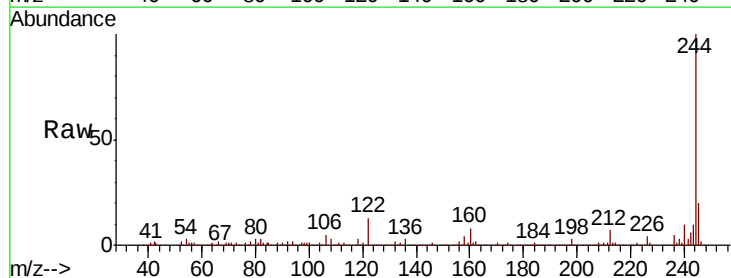
Instrument :
BNA_F
ClientSampleId :

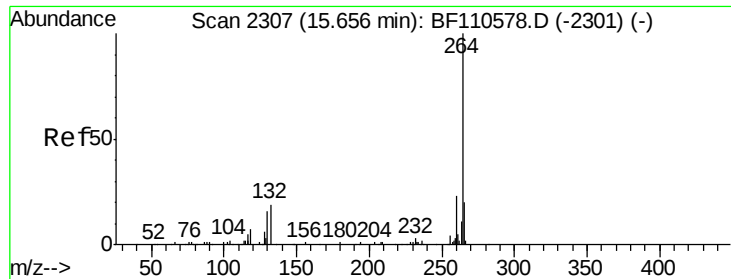
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.8	21.2	31.8



#79
Terphenyl-d14
Concen: 66.765 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.0	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110672.D
Acq: 12 Nov 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.4	16.7	25.1

