

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110500.D
 Acq On : 6 Nov 2018 8:03
 Operator : JU/SJ
 Sample : J5810-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:40:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

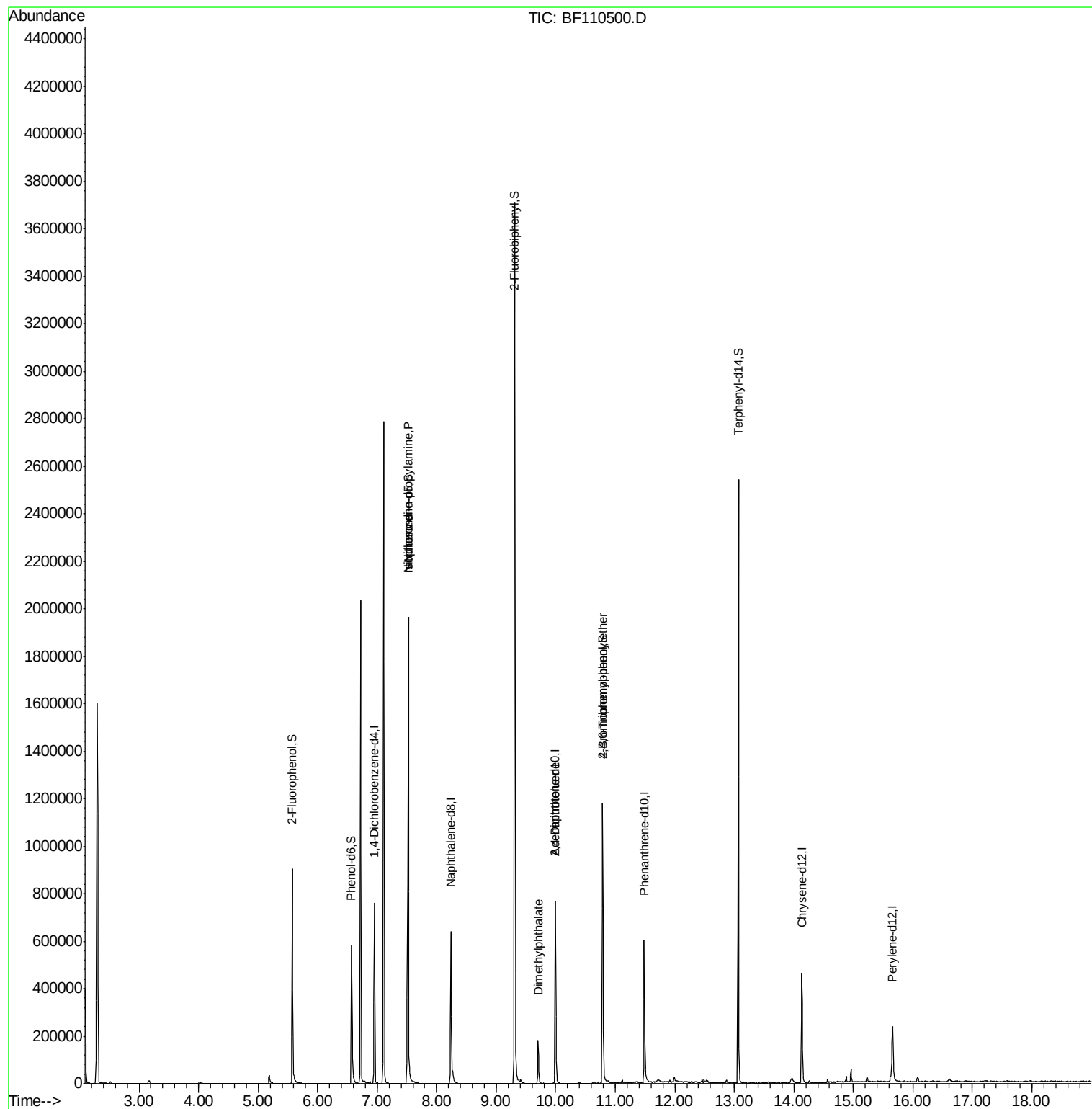
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	107662	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	418422	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	179871	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	269852	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183199	20.00	ng	0.00
87) Perylene-d12	15.66	264	143457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	268473	40.61	ng	0.00
7) Phenol-d6	6.57	99	220134	26.03	ng	-0.01
23) Nitrobenzene-d5	7.52	82	724760	102.74	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	143409	80.49	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1269962	110.87	ng	0.00
79) Terphenyl-d14	13.07	244	836989	95.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	94049	17.336	ng	# 82
25) Isophorone	7.52	82	724756	60.270	ng	# 67
50) Dimethylphthalate	9.70	163	99292	7.478	ng	98
57) 2,4-Dinitrotoluene	9.99	165	21691	5.971	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	8757	2.992	ng	# 1

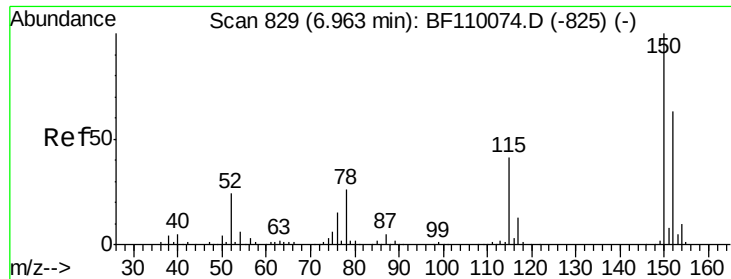
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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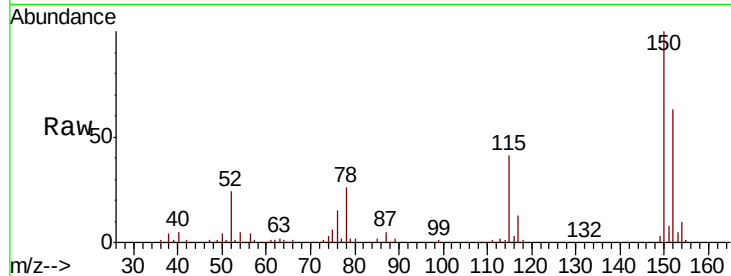




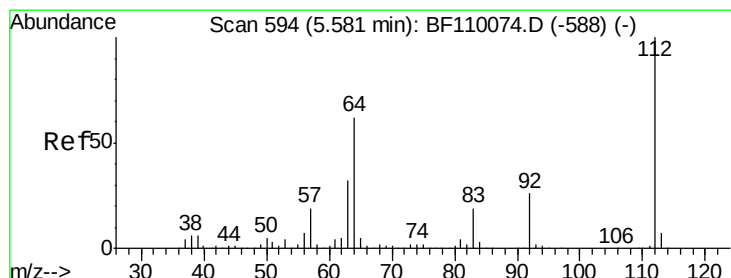
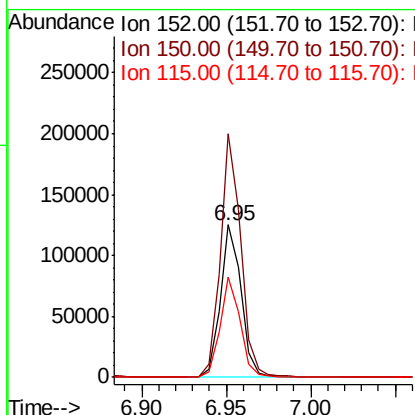
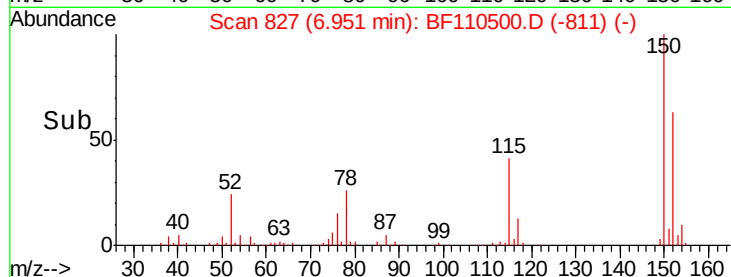
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110500.D
 Acq: 6 Nov 2018 8:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 107662
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.7 184.1
 115 65.5 49.1 73.7

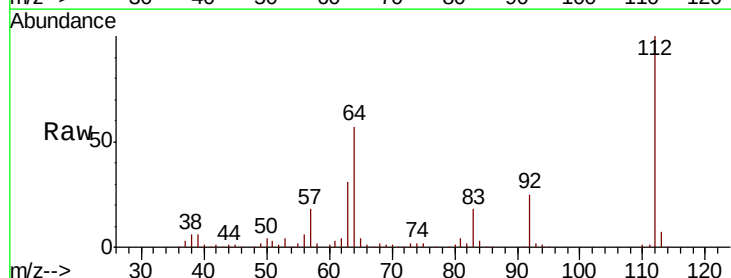


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

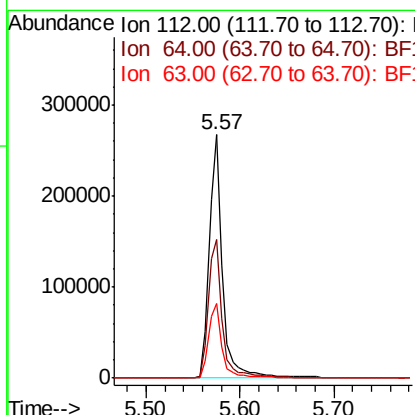
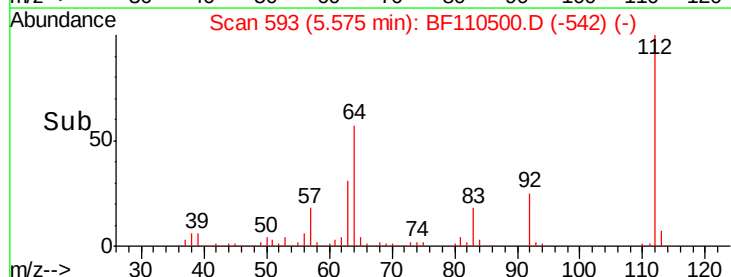


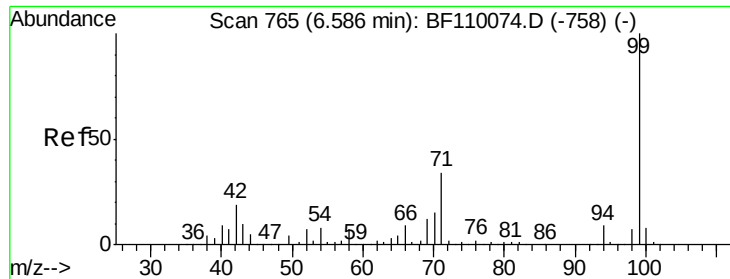
#5
 2-Fluorophenol
 Concen: 40.608 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110500.D
 Acq: 6 Nov 2018 8:03

Tgt Ion:112 Resp: 268473
 Ion Ratio Lower Upper
 112 100
 64 57.2 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: 26.032 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110500.D

Acq: 6 Nov 2018 8:03

Instrument :

BNA_F

ClientSampleId :

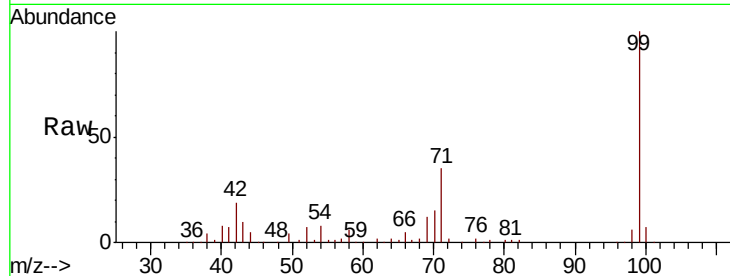
Tot Ion: 99 Resp: 220134

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

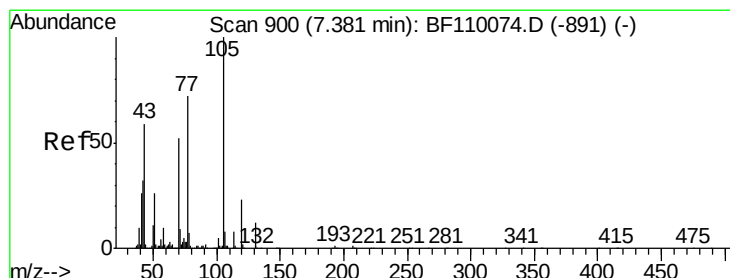
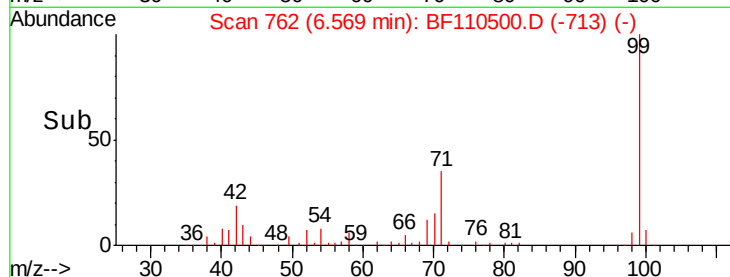
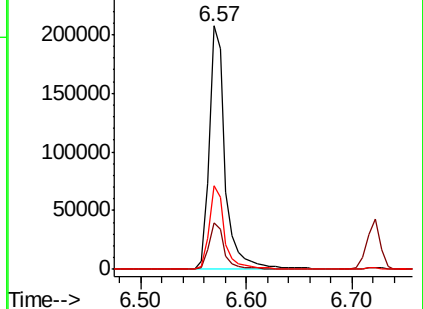
71 34.5 28.0 42.0



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: 17.336 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110500.D

Acq: 6 Nov 2018 8:03

Tgt Ion: 70 Resp: 94049

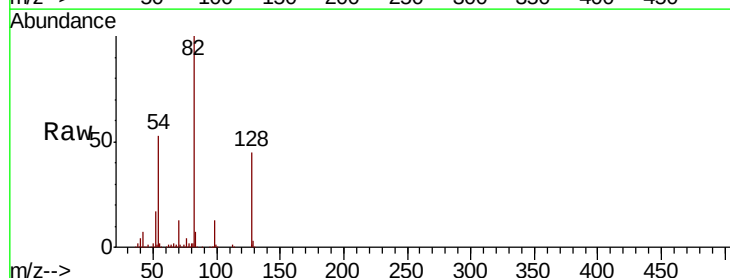
Ion Ratio Lower Upper

70 100

42 51.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.5 16.2 24.2#

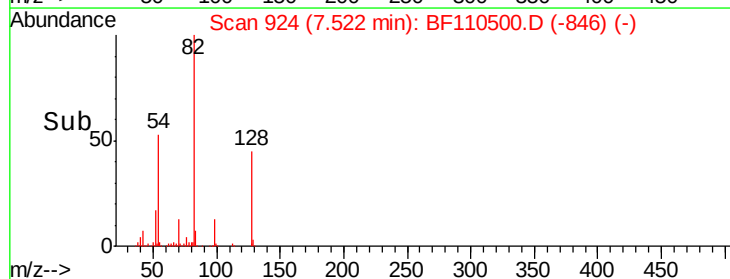
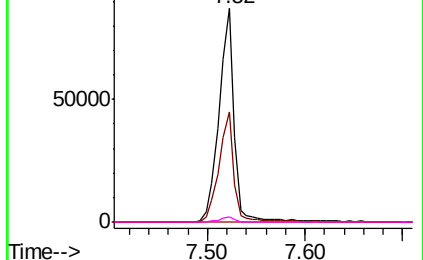


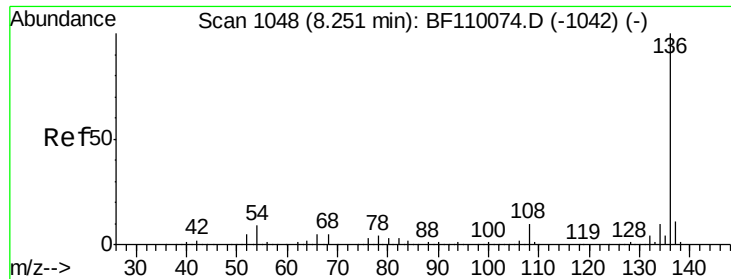
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

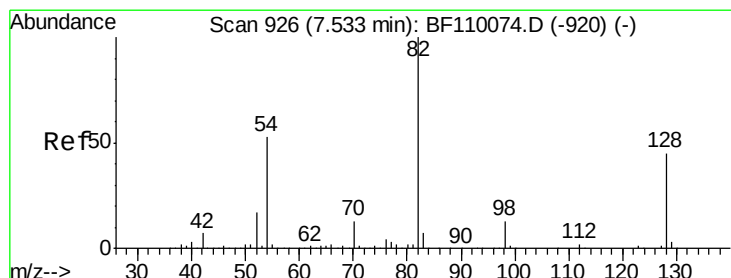
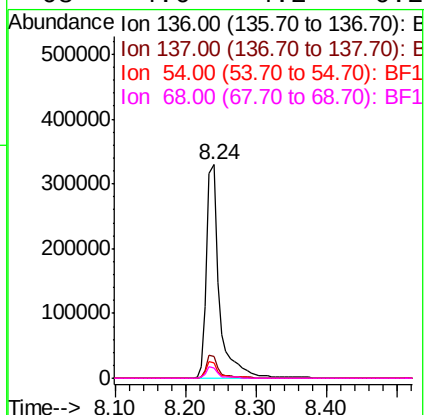
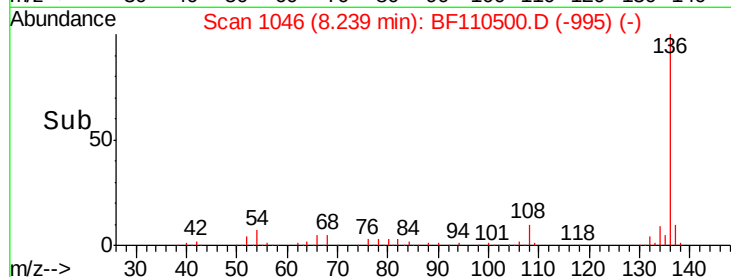
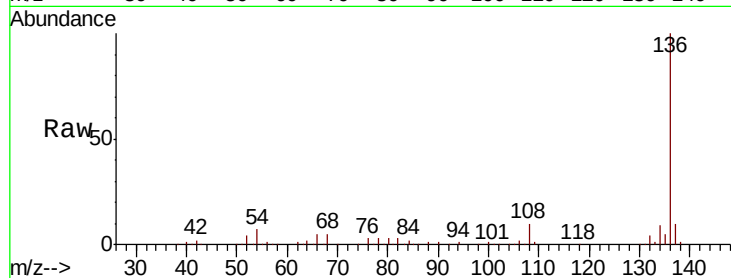




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

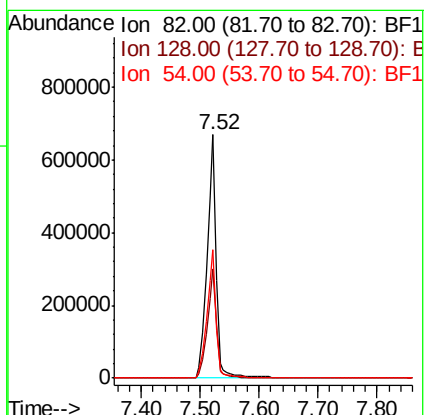
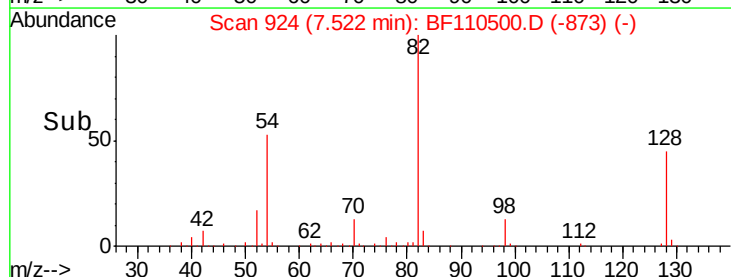
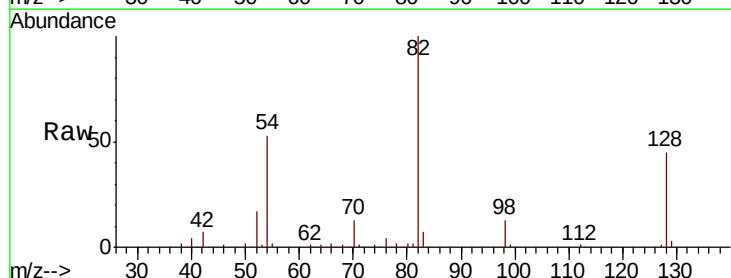
Instrument :
BNA_F
ClientSampled :

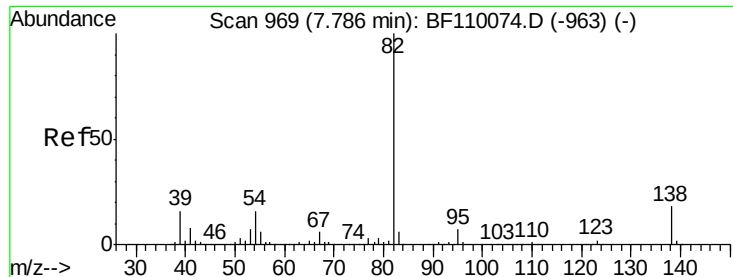
Tot Ion:	136	Resp:	418422
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	5.4	8.2
68	4.6	4.2	6.2



#23
Nitrobenzene-d5
Concen: 102.738 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

Tgt Ion:	82	Resp:	724760
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	52.7	38.6	58.0

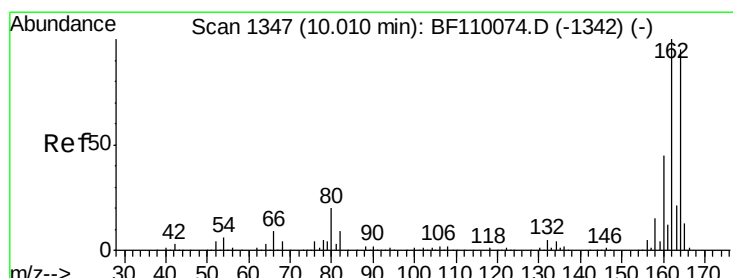
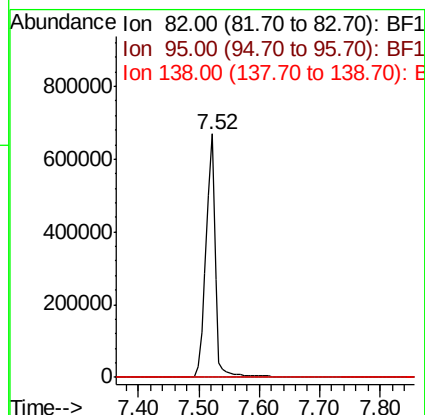
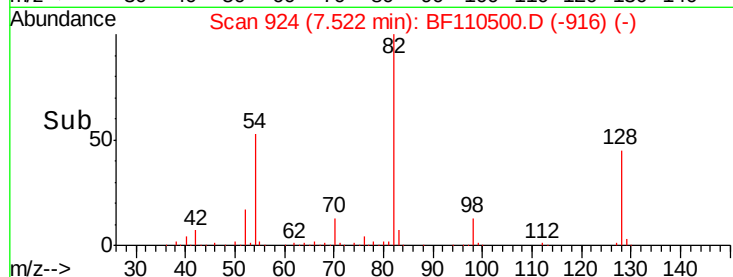
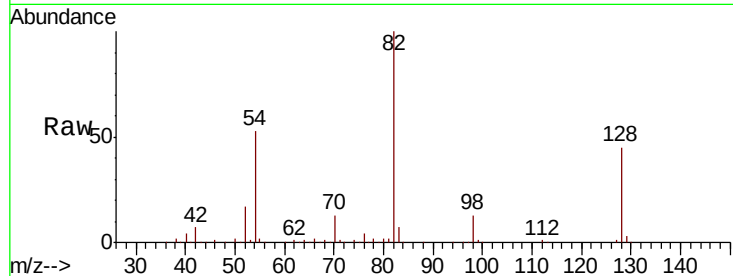




#25
Isophorone
Concen: 60.270 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

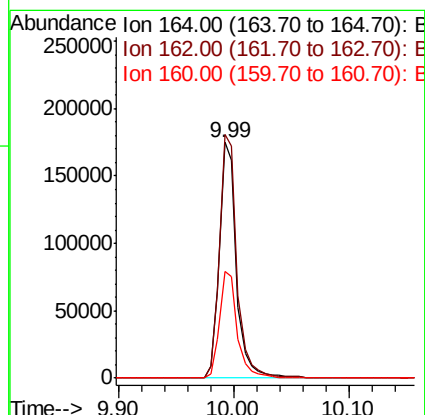
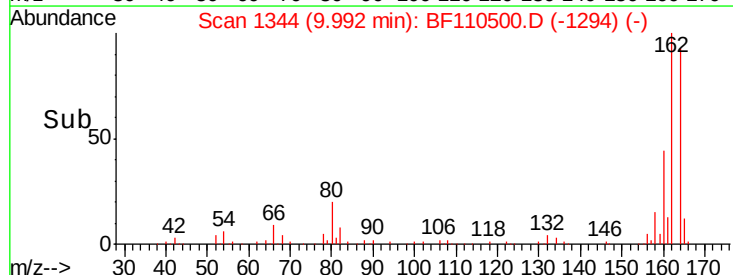
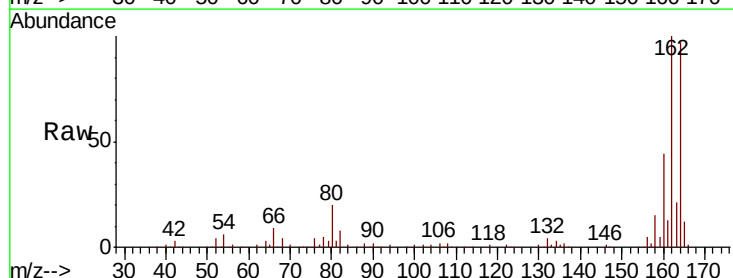
Instrument :
BNA_F
ClientSampled :

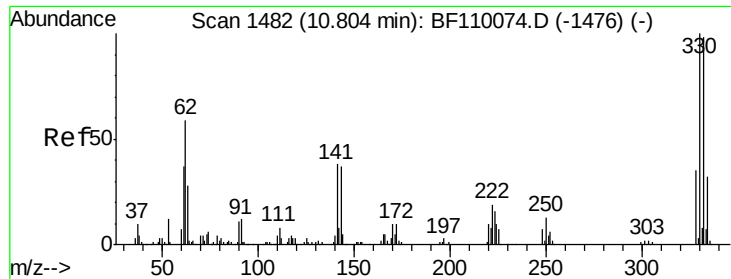
Tot Ion: 82 Resp: 724756
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

Tgt Ion:164 Resp: 179871
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.6
160 45.2 37.0 55.6

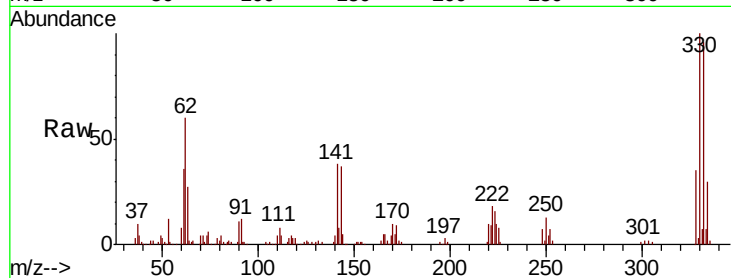




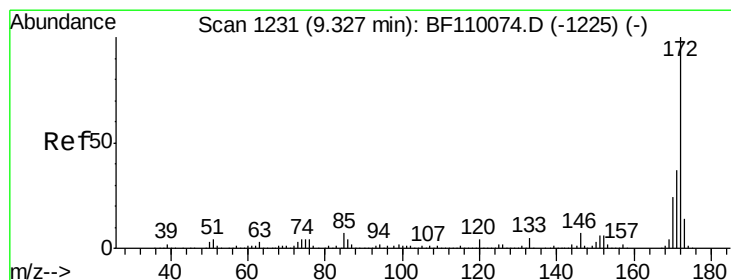
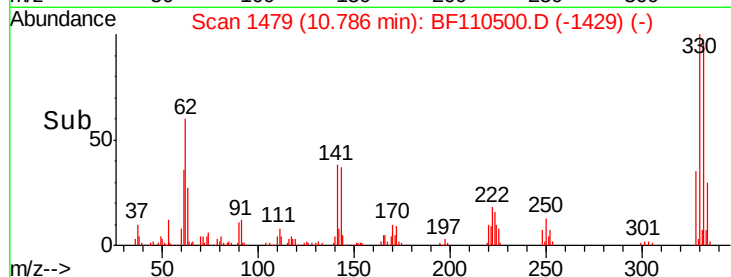
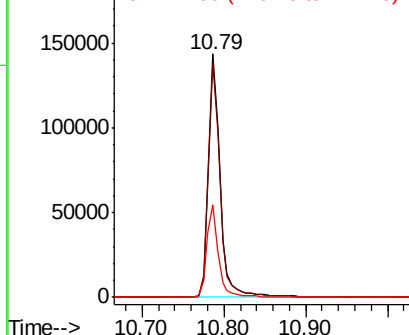
#42
 2,4,6-Tribromophenol
 Concen: 80.488 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110500.D
 Acq: 6 Nov 2018 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 143409
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 38.0 27.0 40.4

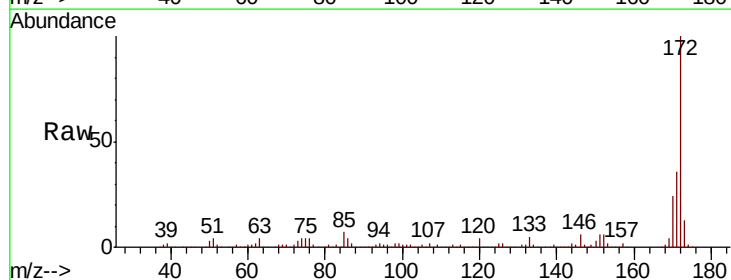


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

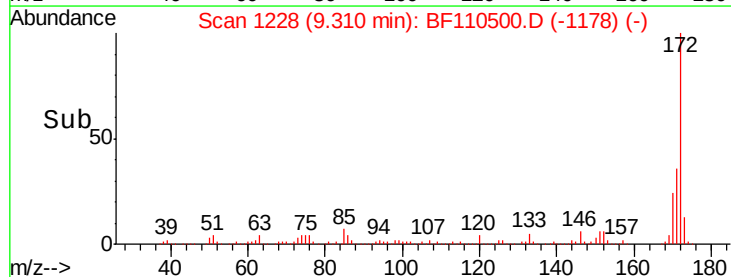
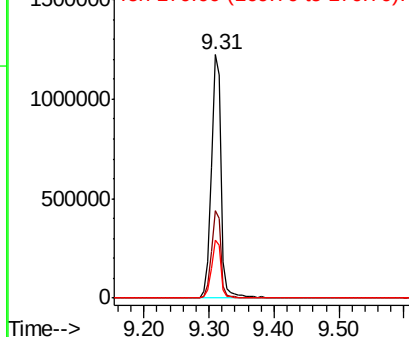


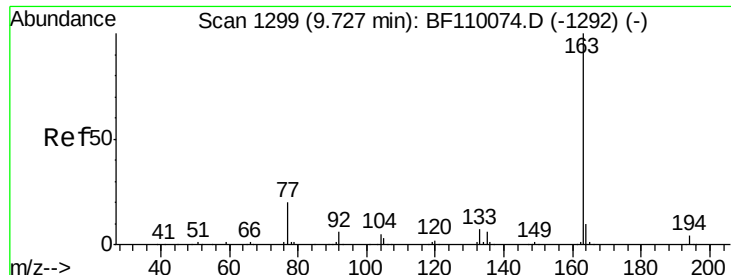
#45
 2-Fluorobiphenyl
 Concen: 110.867 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110500.D
 Acq: 6 Nov 2018 8:03

Tgt Ion:172 Resp: 1269962
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

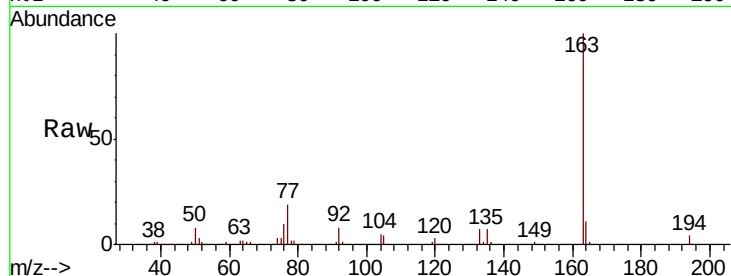




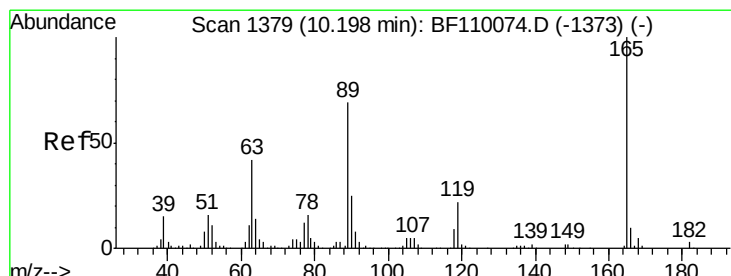
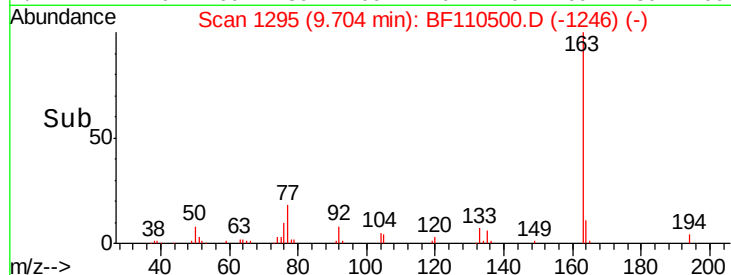
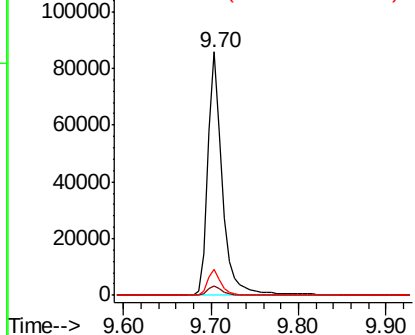
#50
Dimethylphthalate
Concen: 7.478 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.8	8.1	12.1



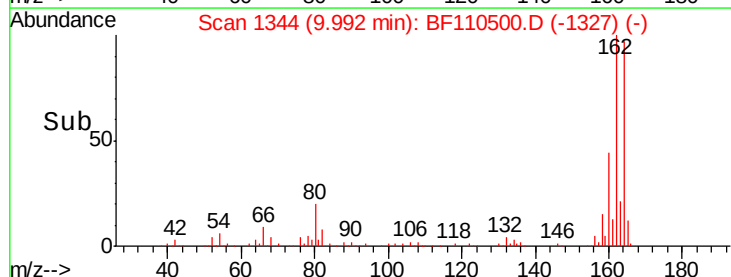
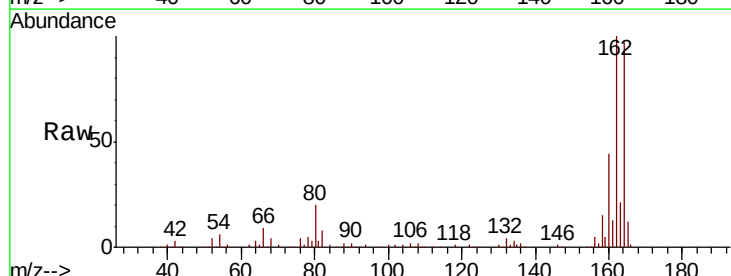
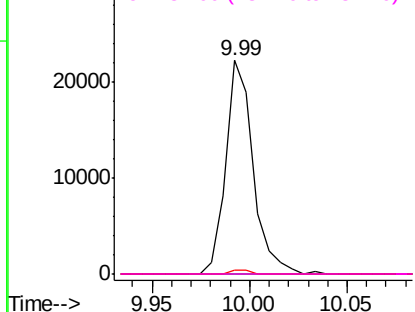
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

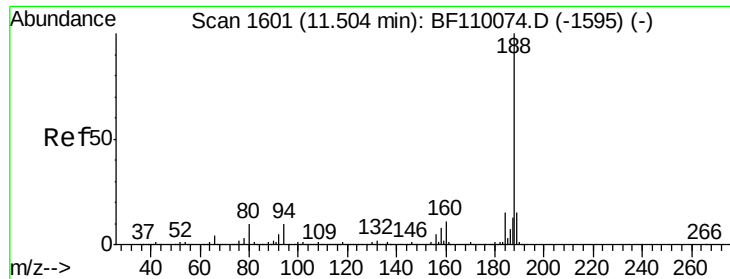


#57
2,4-Dinitrotoluene
Concen: 5.971 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

Tgt 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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110500.D

Acq: 6 Nov 2018 8:03

Instrument :

BNA_F

ClientSampleId :

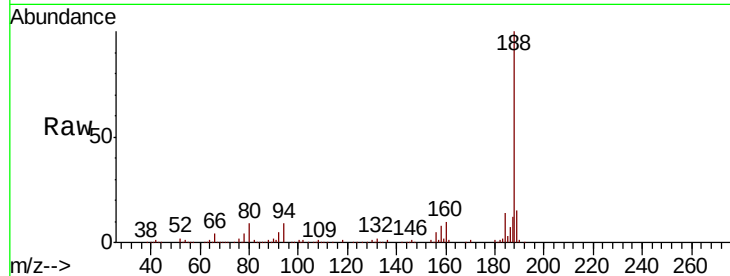
Tot Ion:188 Resp: 269852

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

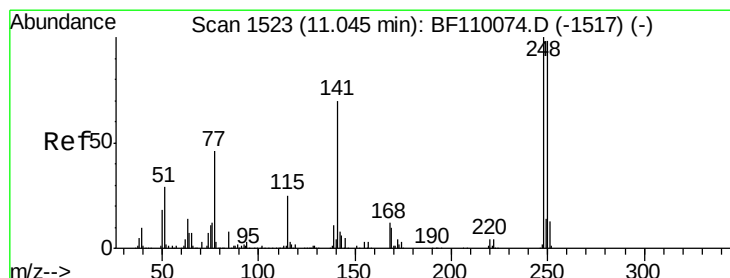
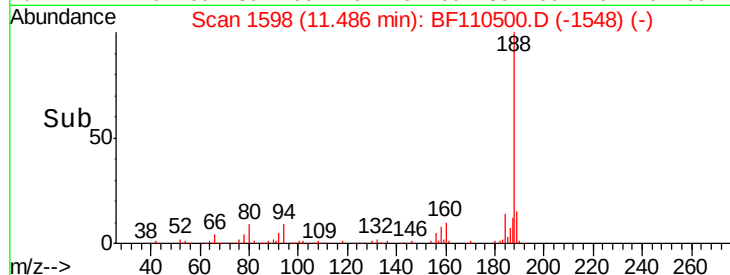
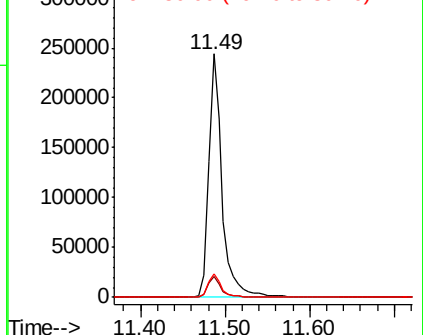
80 9.5 7.9 11.9



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: 2.992 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110500.D

Acq: 6 Nov 2018 8:03

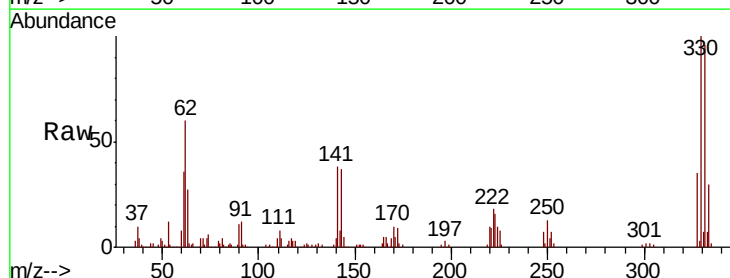
Tgt Ion:248 Resp: 8757

Ion Ratio Lower Upper

248 100

250 201.4 79.4 119.2#

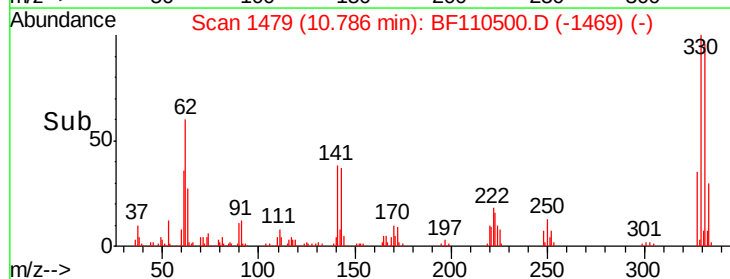
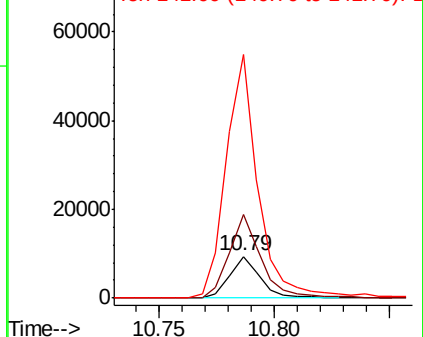
141 583.7 55.9 83.9#

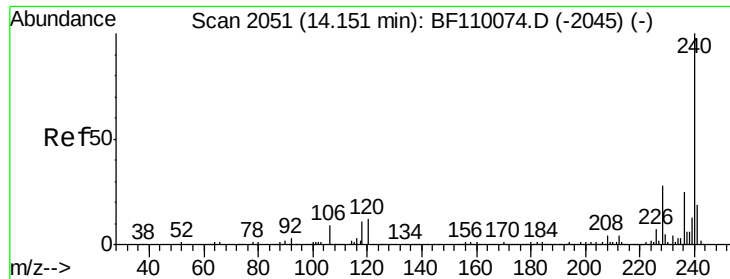


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

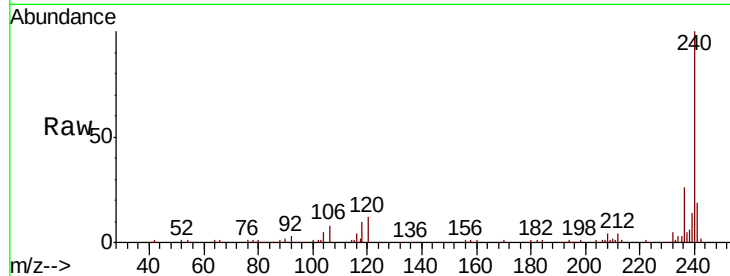




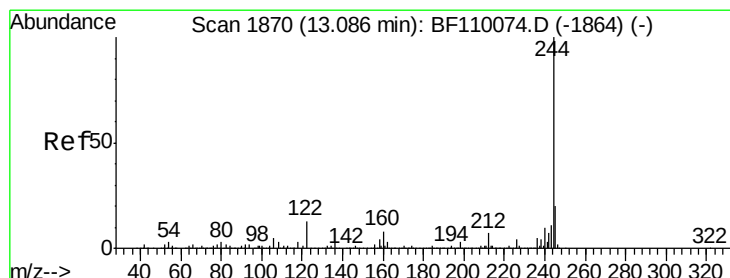
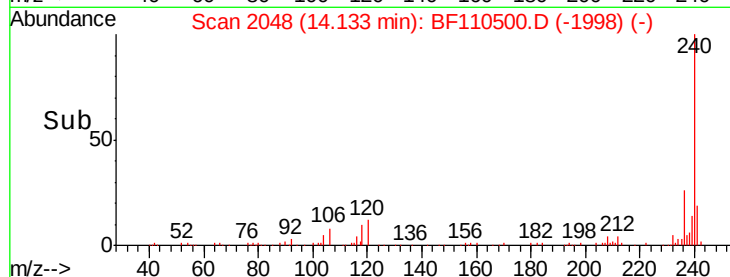
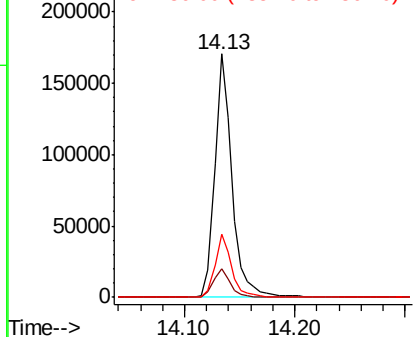
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 183199
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.9 21.2 31.8

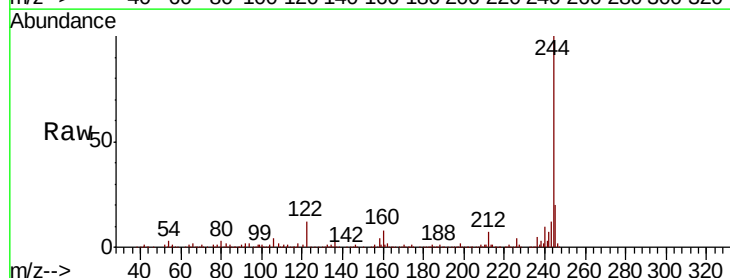


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

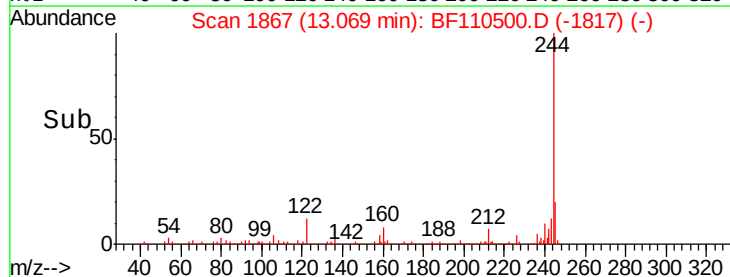
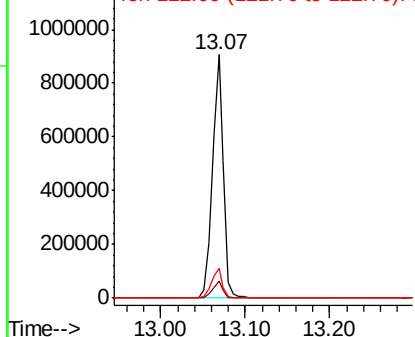


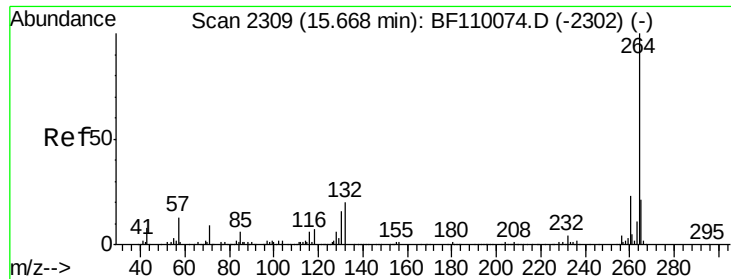
#79
Terphenyl-d14
Concen: 95.017 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110500.D
Acq: 6 Nov 2018 8:03

Tgt Ion:244 Resp: 836989
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.4 8.7 13.1



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110500.D
 Acq: 6 Nov 2018 8:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	20.7	16.7	25.1

