

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110498.D
 Acq On : 6 Nov 2018 7:10
 Operator : JU/SJ
 Sample : J5810-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:40:00 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

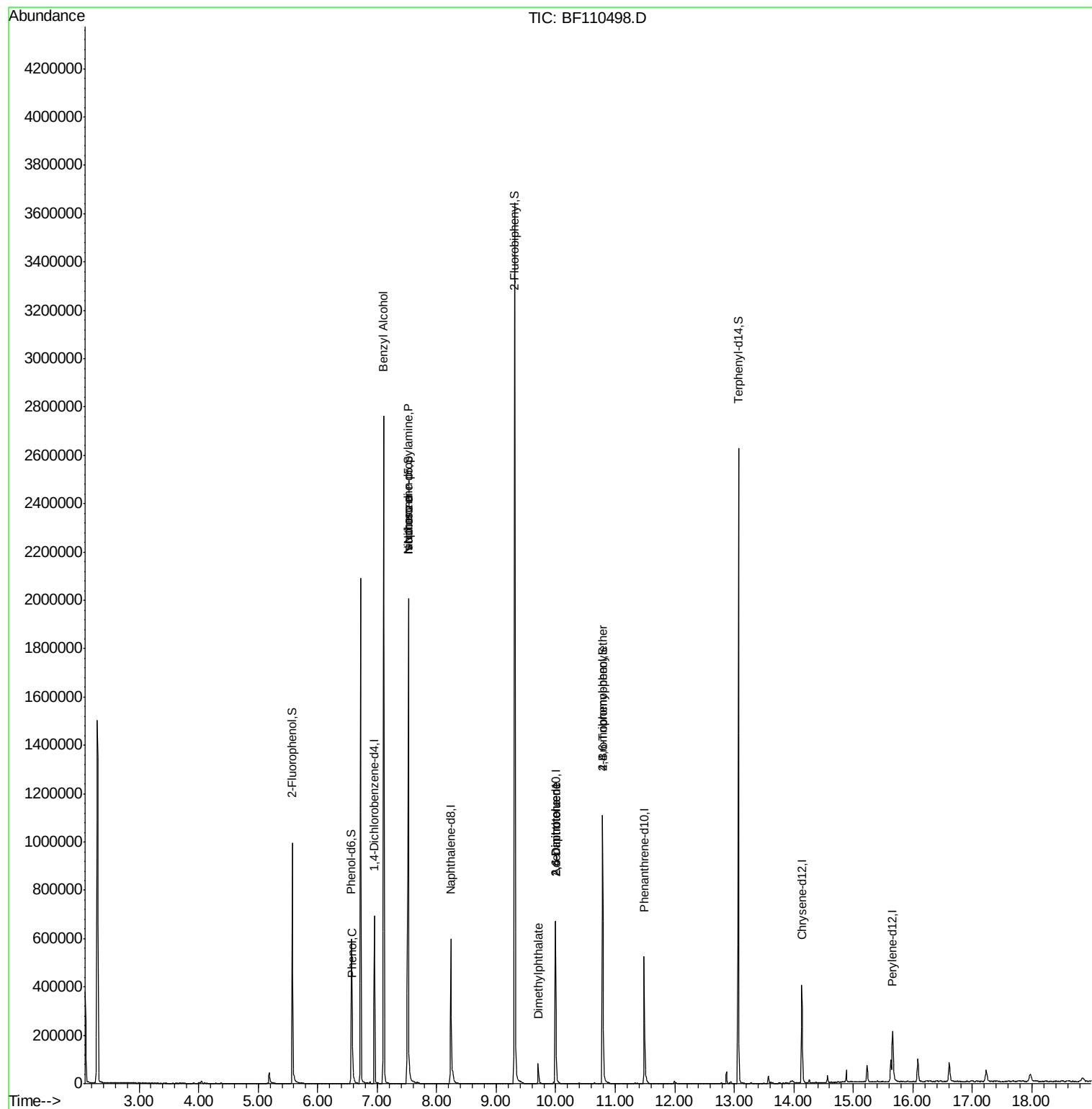
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101940	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	397077	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	168395	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	246828	20.00	ng	0.00
76) Chrysene-d12	14.13	240	169254	20.00	ng	0.00
87) Perylene-d12	15.66	264	130372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	280231	44.77	ng	0.00
7) Phenol-d6	6.57	99	221532	27.67	ng	-0.01
23) Nitrobenzene-d5	7.52	82	745667	111.38	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	141916	85.08	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1316910	122.80	ng	0.00
79) Terphenyl-d14	13.07	244	845473	103.89	ng	0.00
Target Compounds						
10) Phenol	6.59	94	29549	3.452	ng	# 67
15) Benzyl Alcohol	7.11	79	12397	2.013	ng	# 56
19) n-Nitroso-di-n-propylamine	7.52	70	99784	19.425	ng	# 81
25) Isophorone	7.52	82	745663	65.342	ng	# 67
50) Dimethylphthalate	9.70	163	49017	3.943	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	19978	7.461	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	19978	5.874	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	9233	3.449	ng	# 1

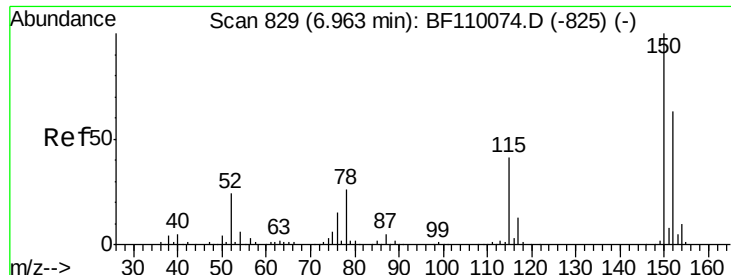
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 43 Sample Multiplier: 1

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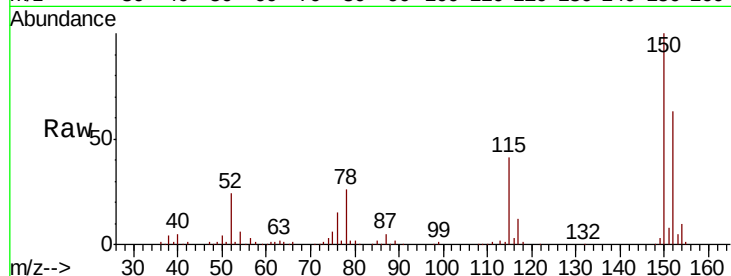


#1

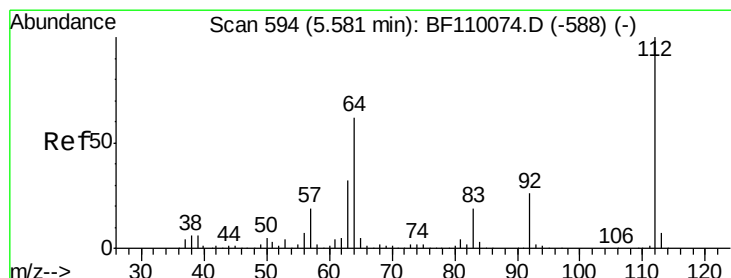
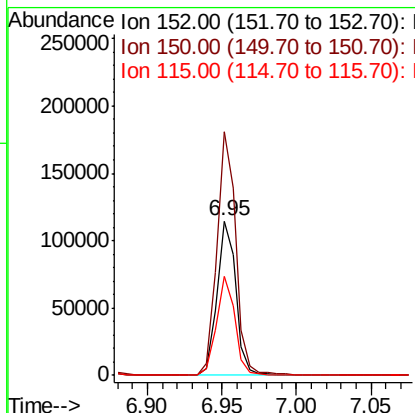
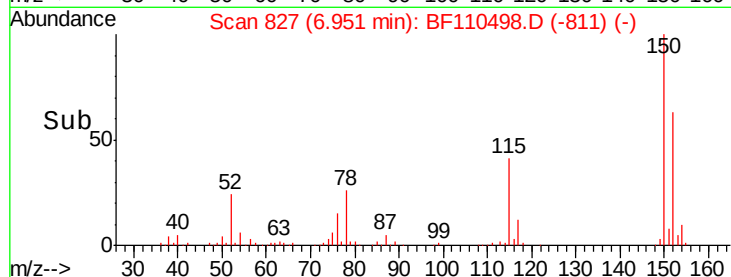
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101940
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 64.6 49.1 73.7



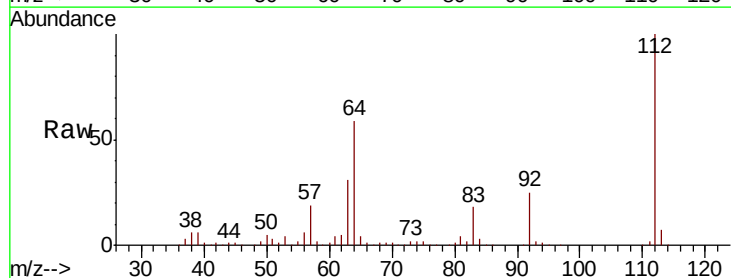
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



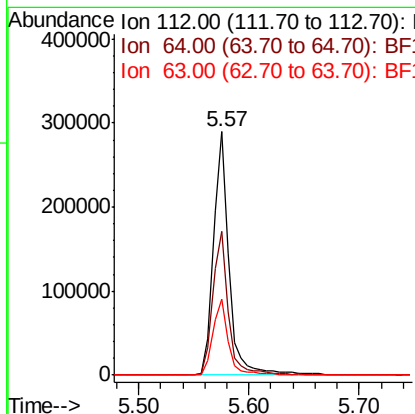
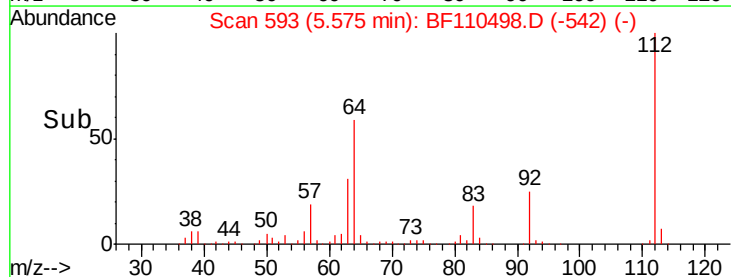
#5

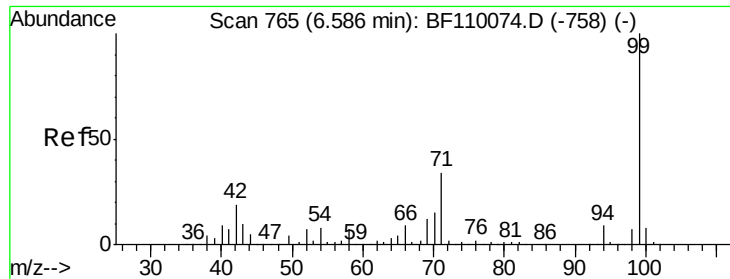
2-Fluorophenol
Concen: 44.766 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:112 Resp: 280231
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 31.3 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: 27.668 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampled :

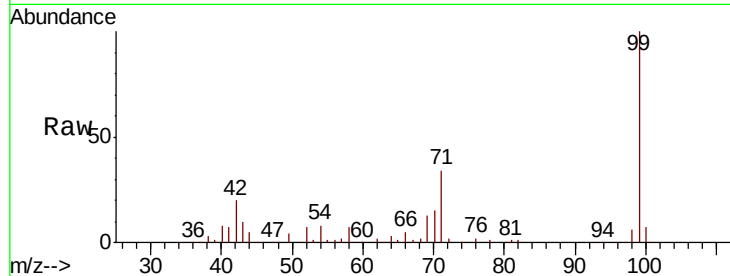
Tot Ion: 99 Resp: 221532

Ion Ratio Lower Upper

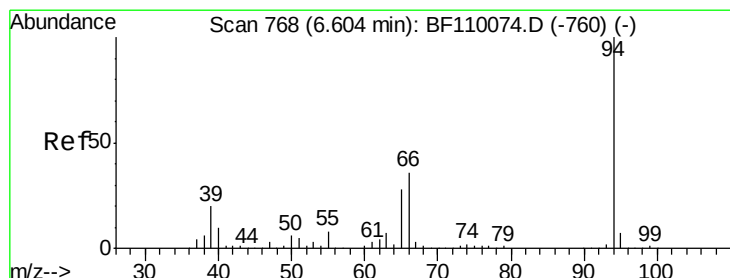
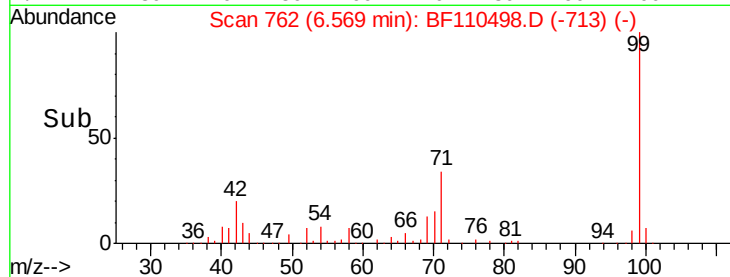
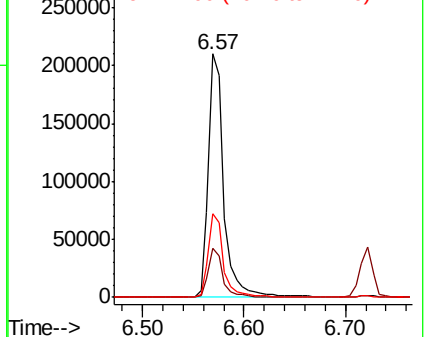
99 100

42 20.2 15.8 23.6

71 34.4 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: 3.452 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

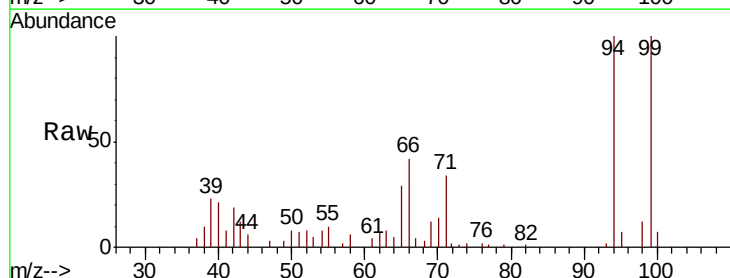
Tgt Ion: 94 Resp: 29549

Ion Ratio Lower Upper

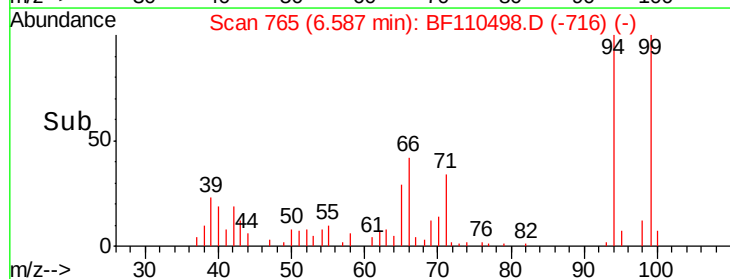
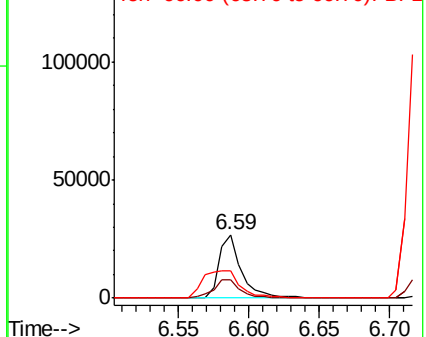
94 100

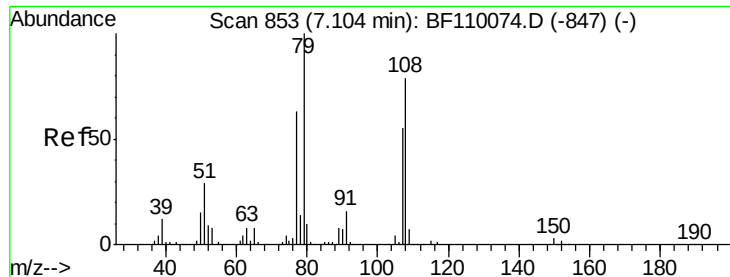
65 29.3 25.3 65.3

66 42.4 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





#15

Benzyl Alcohol

Concen: 2.013 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampleId :

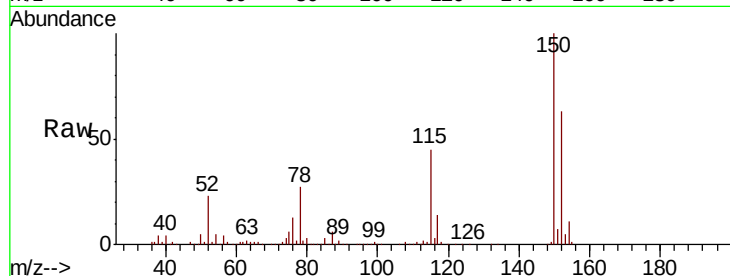
Tot Ion: 79 Resp: 12397

Ion Ratio Lower Upper

79 100

108 25.8 56.3 84.5#

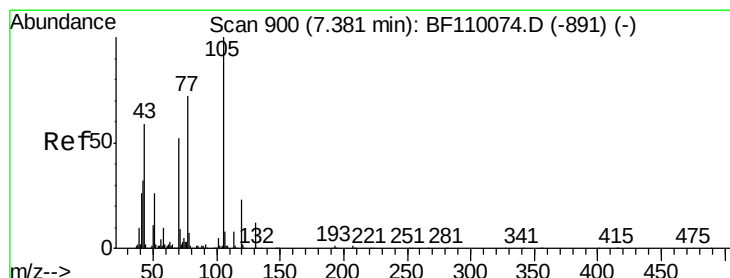
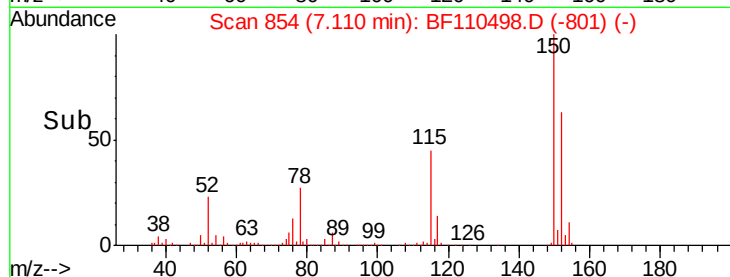
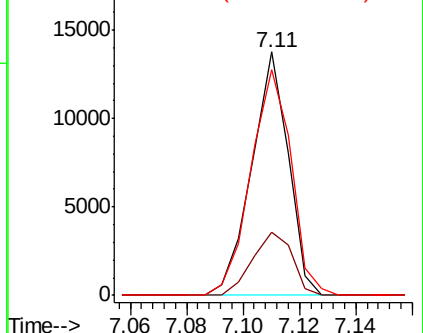
77 92.9 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 19.425 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Tgt Ion: 70 Resp: 99784

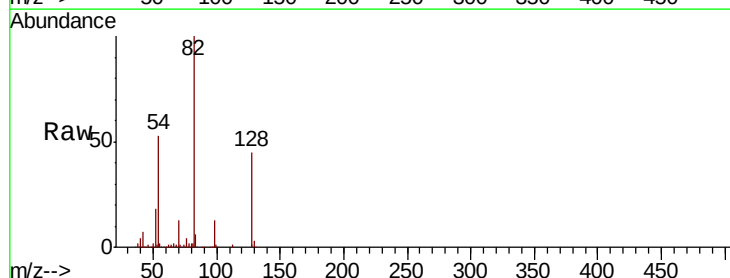
Ion Ratio Lower Upper

70 100

42 50.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

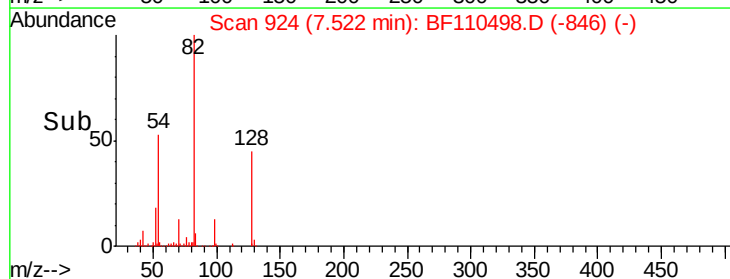
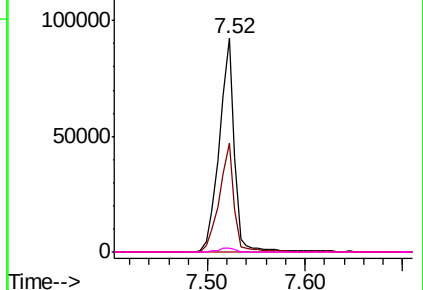


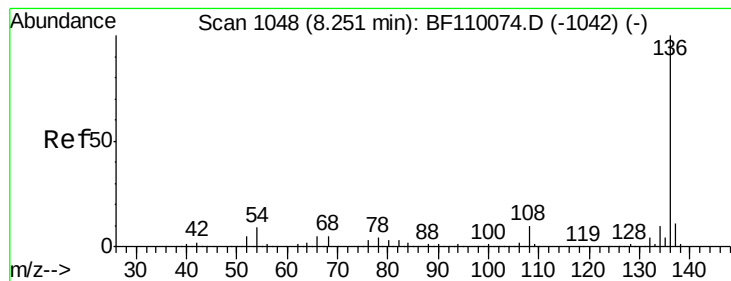
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 397077

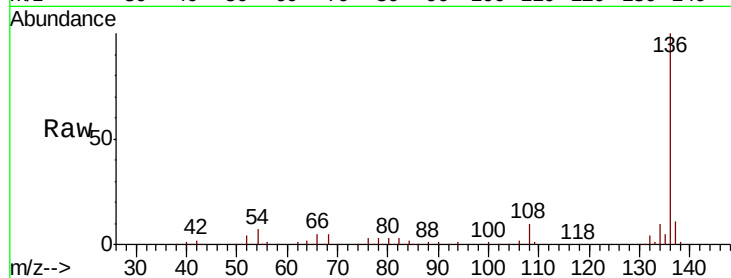
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 5.4 8.2

68 4.9 4.2 6.2

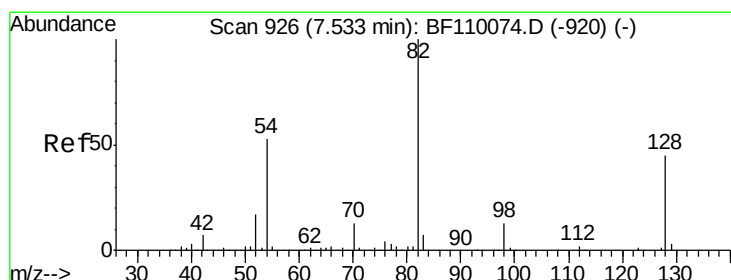
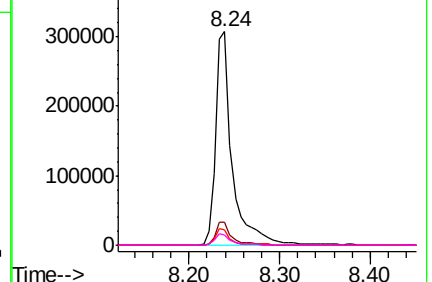
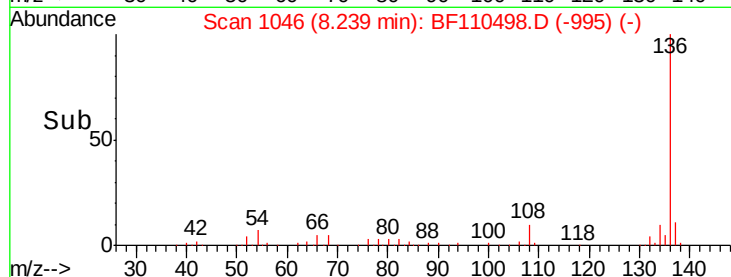


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.384 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

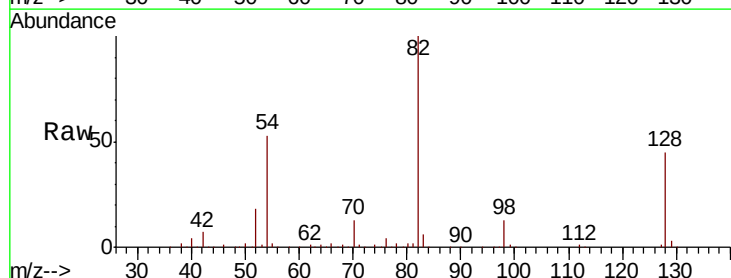
Tgt Ion: 82 Resp: 745667

Ion Ratio Lower Upper

82 100

128 44.7 34.2 51.2

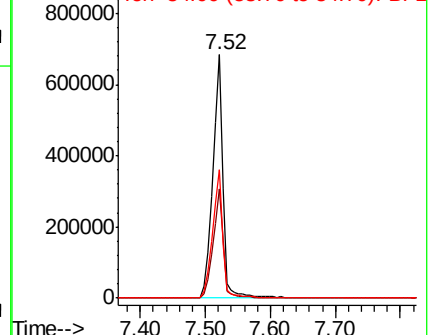
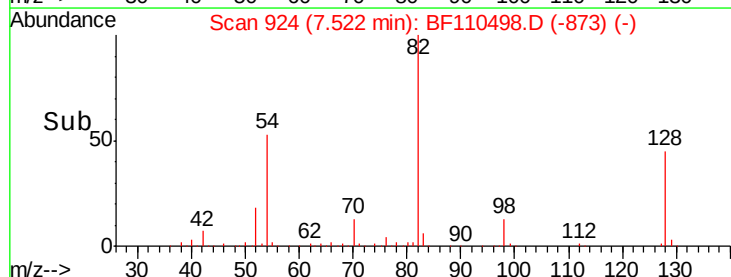
54 52.6 38.6 58.0

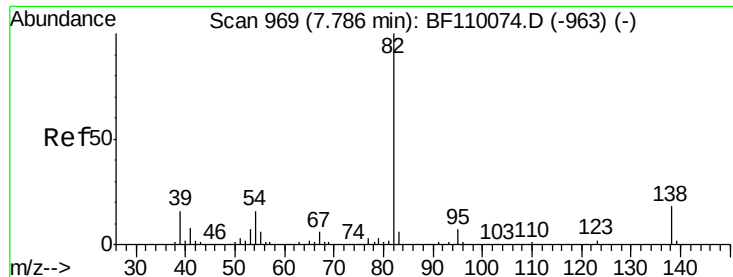


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 65.342 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampled :

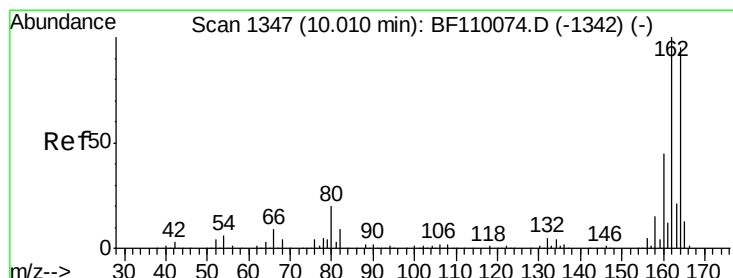
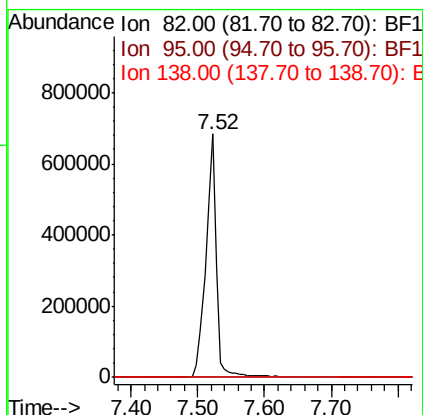
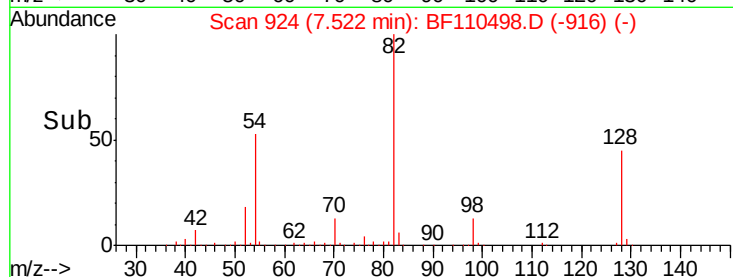
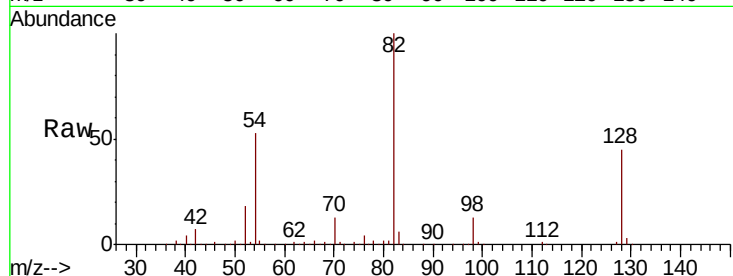
Tot Ion: 82 Resp: 745663

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: BF110498.D

Acq: 6 Nov 2018 7:10

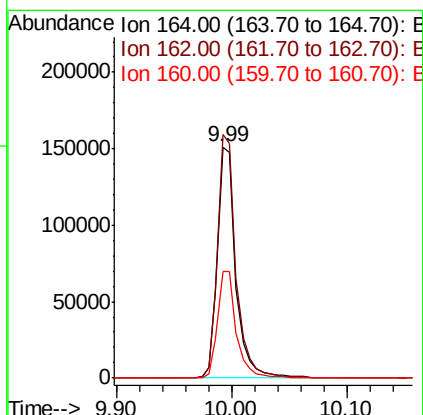
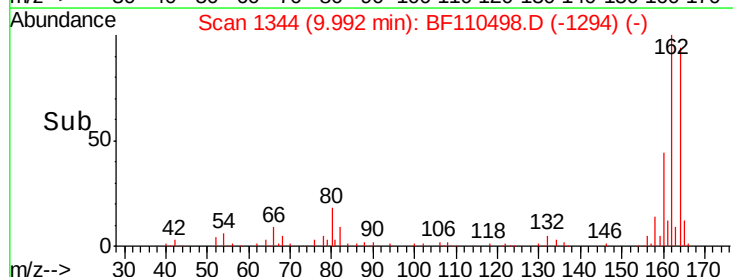
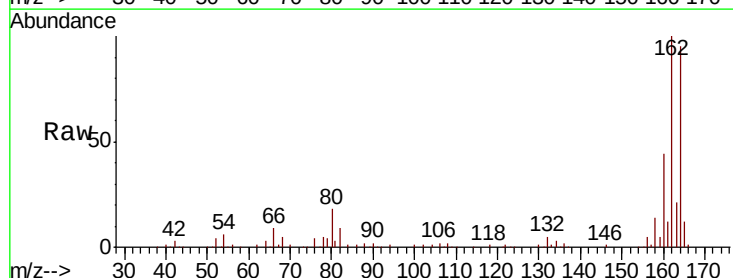
Tgt Ion: 164 Resp: 168395

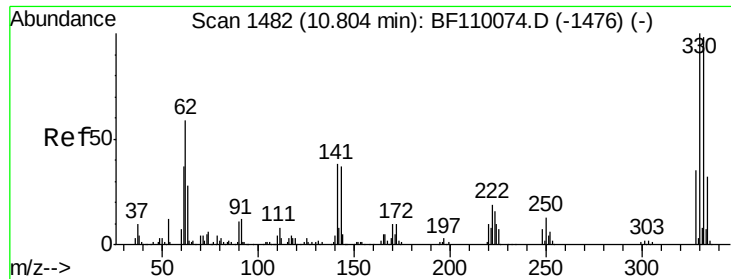
Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

160 46.4 37.0 55.6

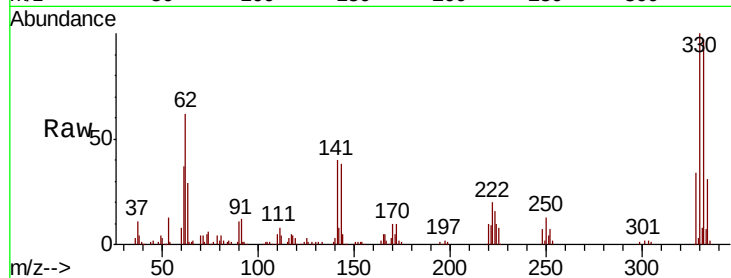




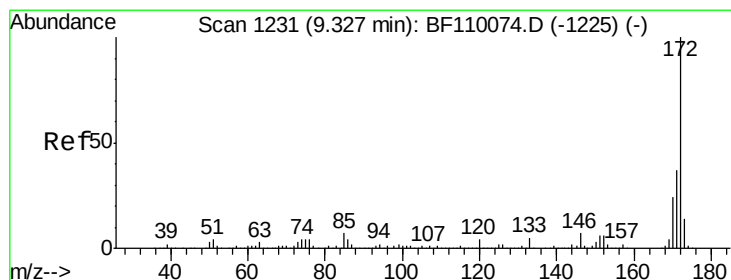
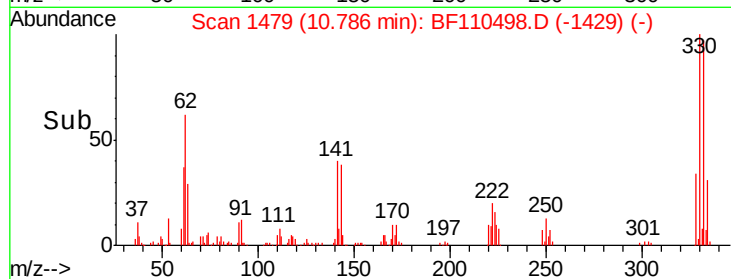
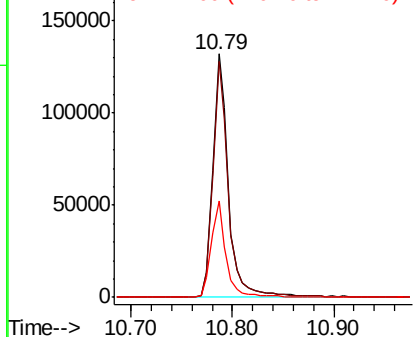
#42
 2,4,6-Tribromophenol
 Concen: 85.078 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.5	27.0	40.4

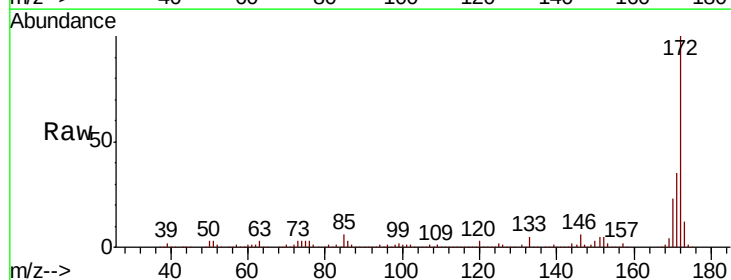


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

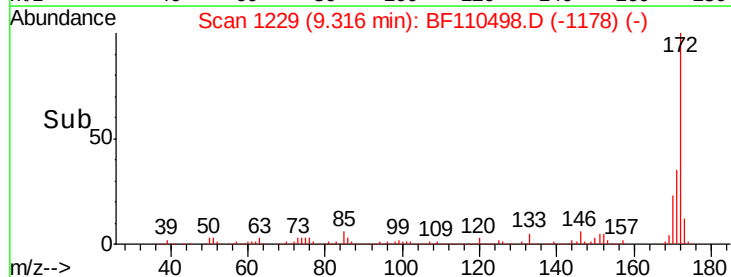
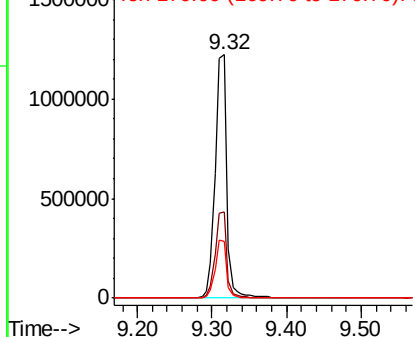


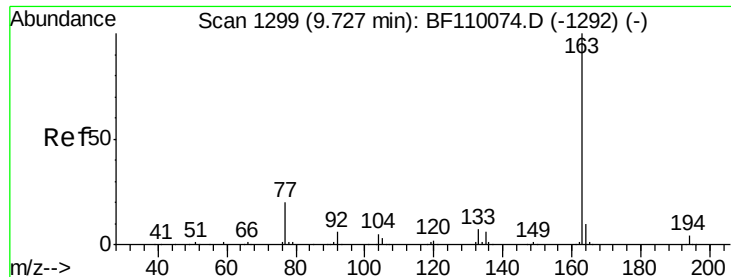
#45
 2-Fluorobiphenyl
 Concen: 122.800 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.4	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

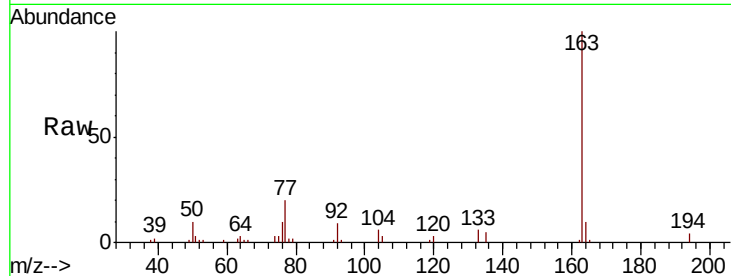




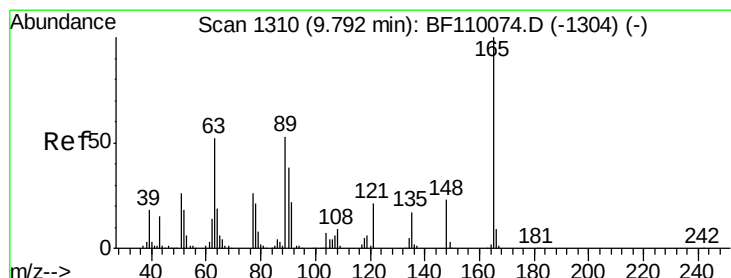
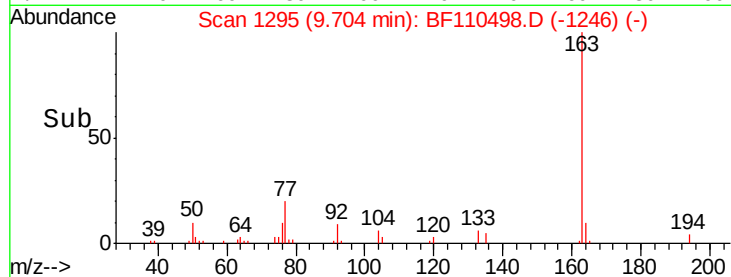
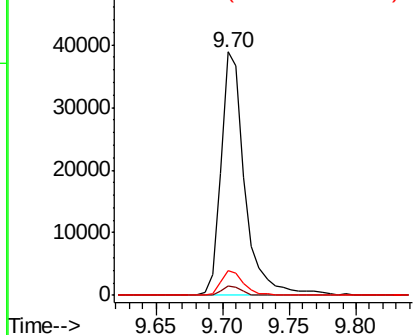
#50
Dimethylphthalate
Concen: 3.943 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.2	8.1	12.1

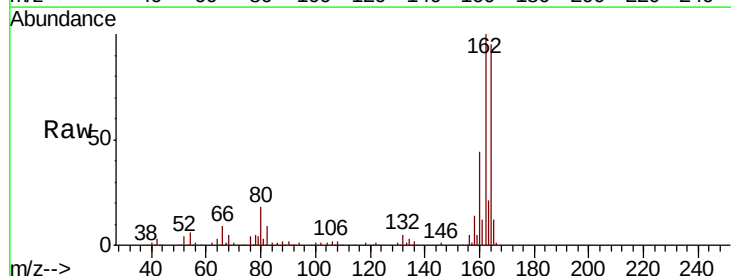


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

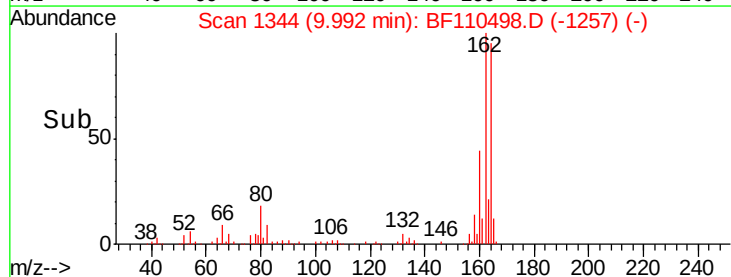
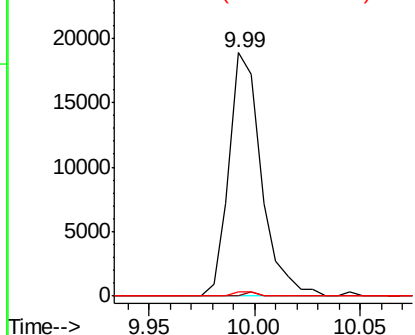


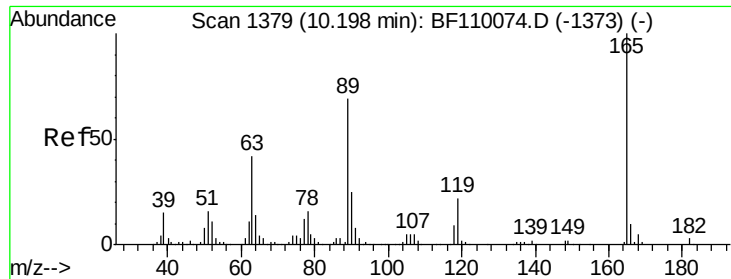
#51
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.21 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt 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

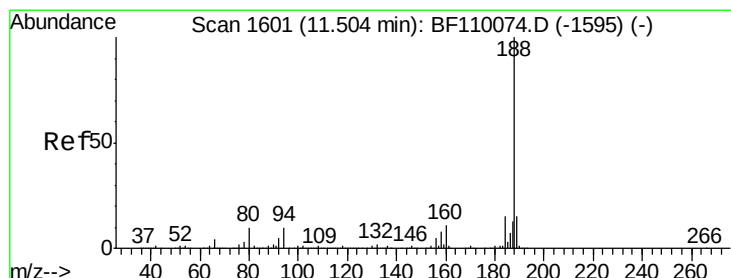
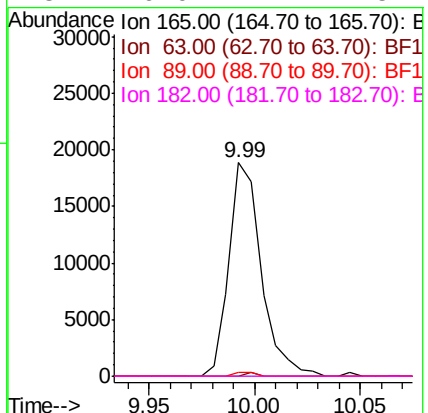
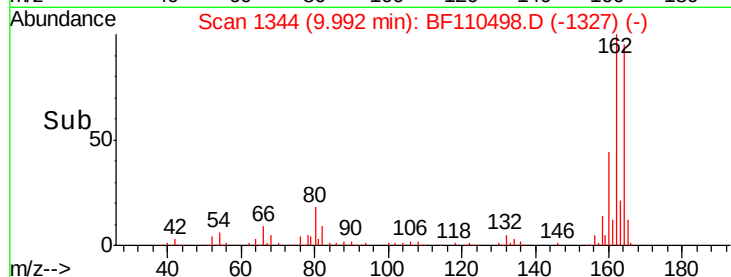
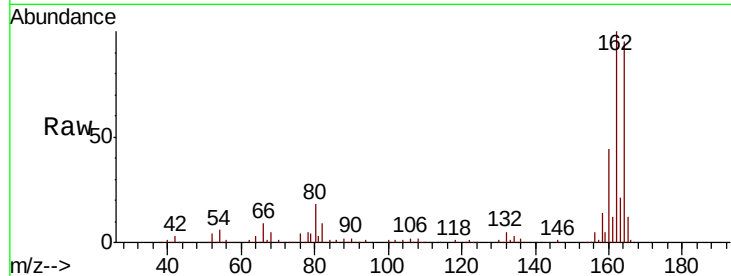




#57
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

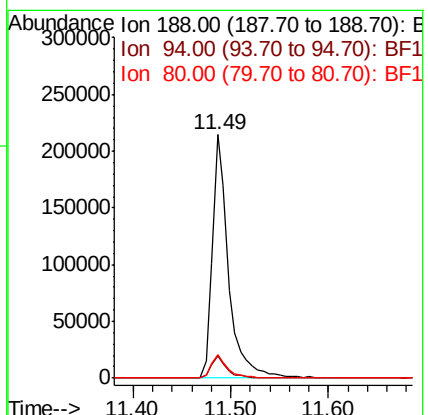
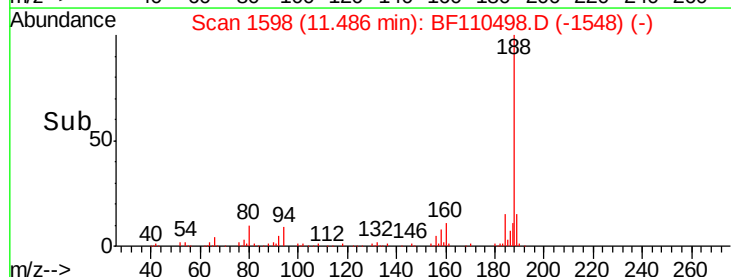
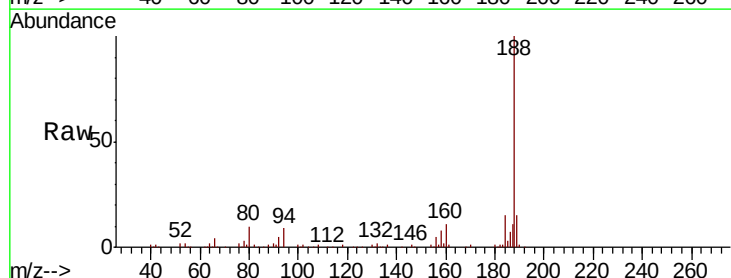
Instrument :
 BNA_F
 ClientSampleId :

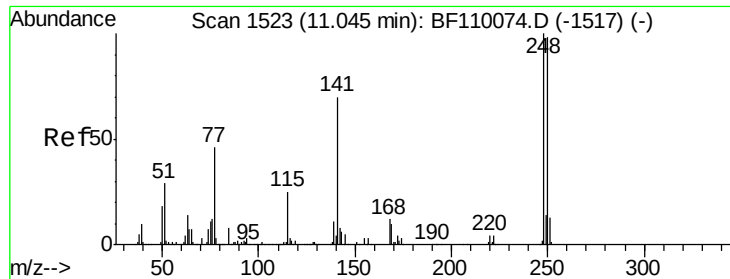
Tot Ion:165	Resp:	19978
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.6	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

Tgt Ion:188	Resp:	246828
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.2 10.8
80	9.8	7.9 11.9

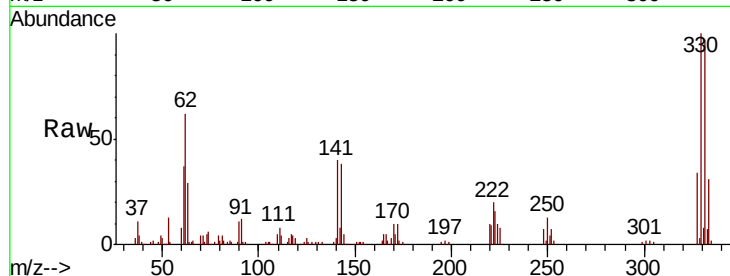




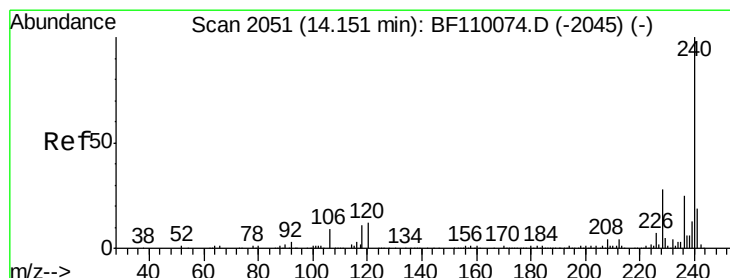
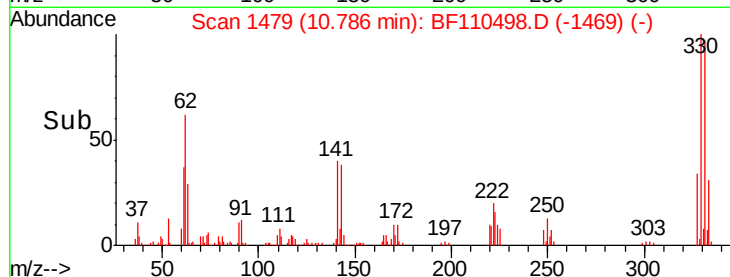
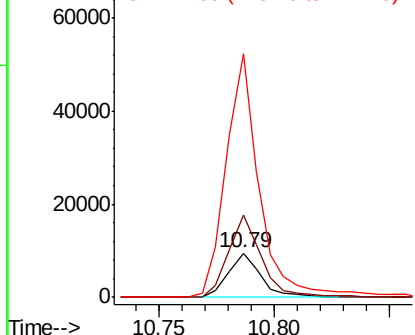
#67
4-Bromophenyl-phenylether
Concen: 3.449 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9233
Ion Ratio Lower Upper
248 100
250 188.6 79.4 119.2#
141 554.4 55.9 83.9#

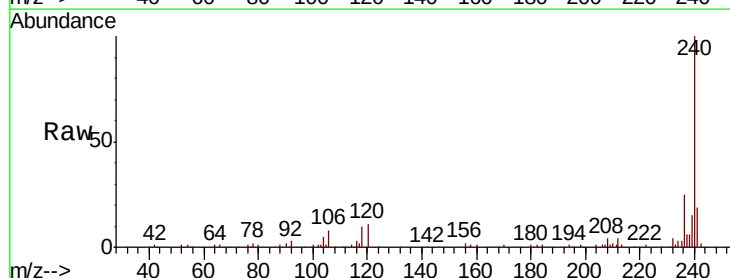


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

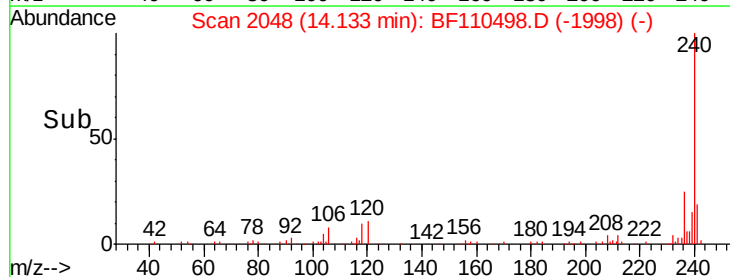
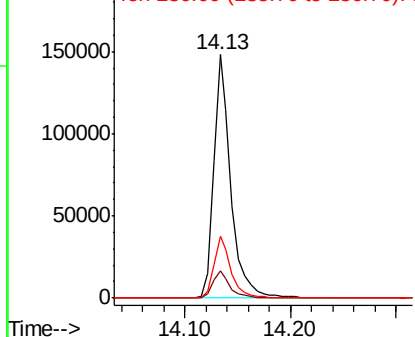


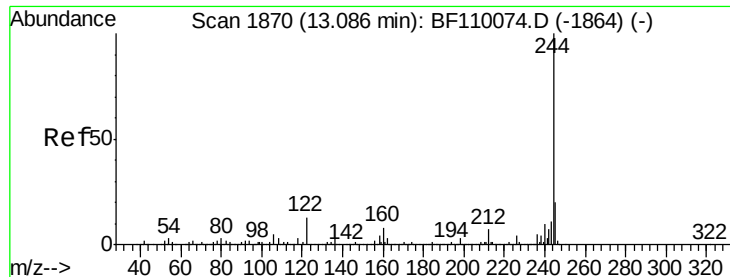
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:240 Resp: 169254
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.2 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: 103.888 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampleId :

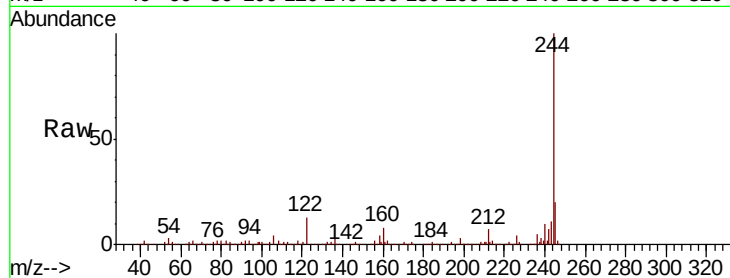
Tot Ion:244 Resp: 845473

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

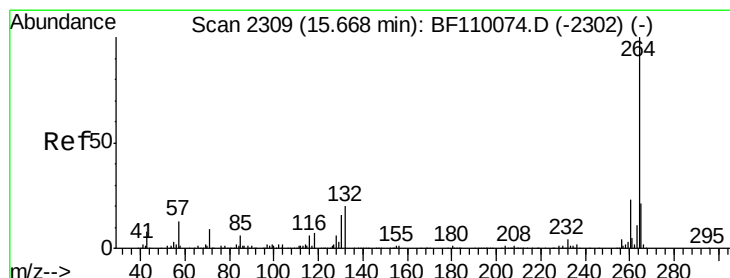
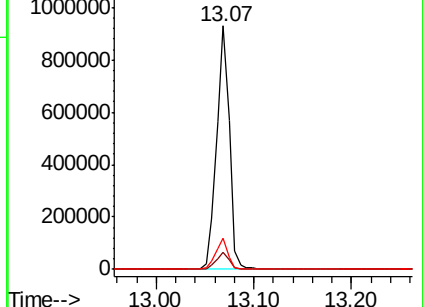
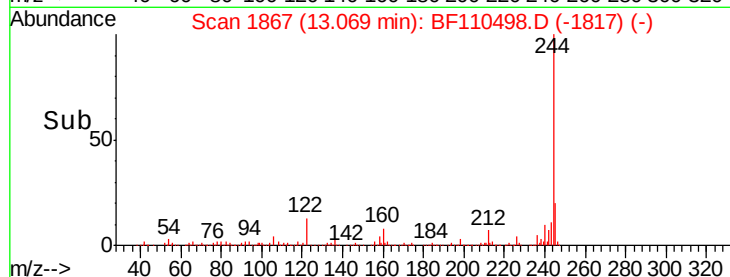
122 12.8 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

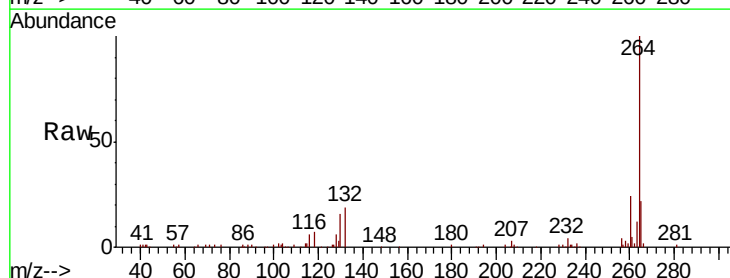
Tgt Ion:264 Resp: 130372

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.9 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

