

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110509.D
 Acq On : 6 Nov 2018 12:31
 Operator : JU/SJ
 Sample : J5819-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:59:02 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

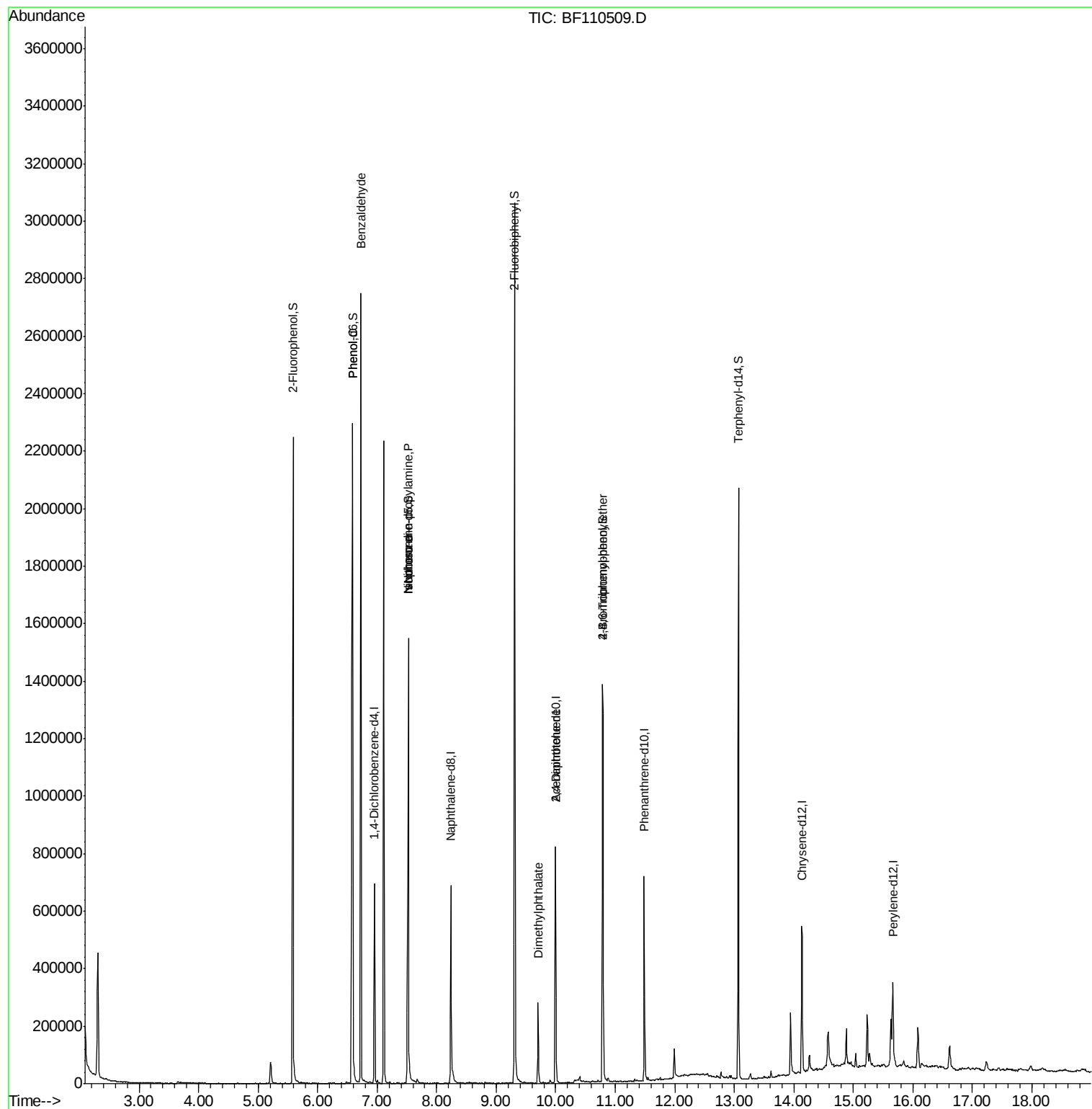
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	103376	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	409276	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	177703	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	280716	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190336	20.00	ng	0.00
87) Perylene-d12	15.66	264	149392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	702951	110.73	ng	0.01
7) Phenol-d6	6.59	99	898241	110.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	559474	81.08	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	172135	97.79	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	963530	85.14	ng	0.00
79) Terphenyl-d14	13.07	244	680696	74.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	16620	2.094	ng	83
10) Phenol	6.59	94	69786	8.040	ng	# 72
19) n-Nitroso-di-n-propylamine	7.52	70	72433	13.905	ng	# 78
25) Isophorone	7.52	82	559470	47.565	ng	# 67
50) Dimethylphthalate	9.70	163	141226	10.766	ng	99
57) 2,4-Dinitrotoluene	9.99	165	22334	6.223	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	11634	3.821	ng	# 1

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

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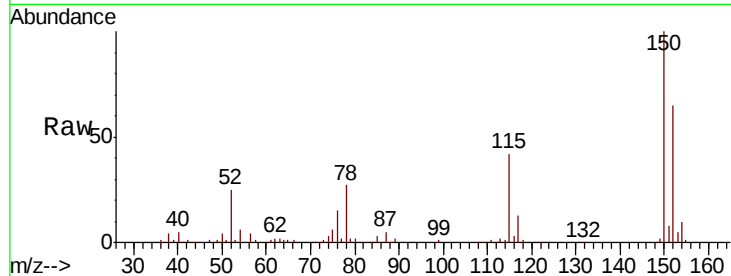


#1

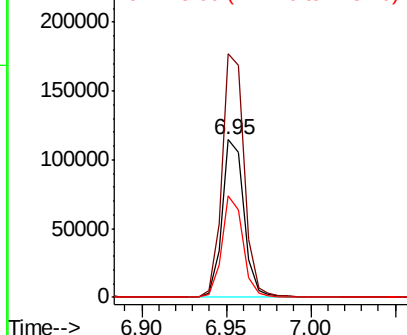
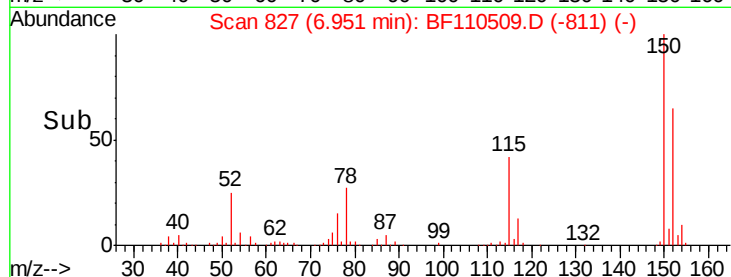
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103376
Ion Ratio Lower Upper
152 100
150 154.8 122.7 184.1
115 64.9 49.1 73.7



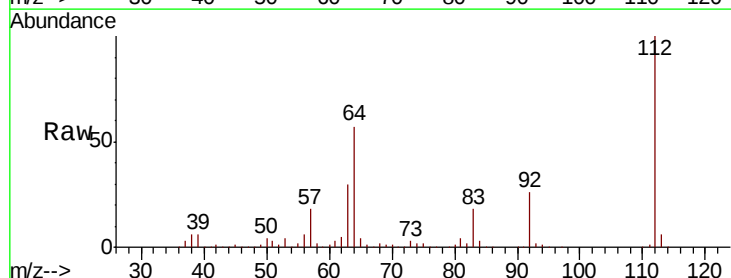
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



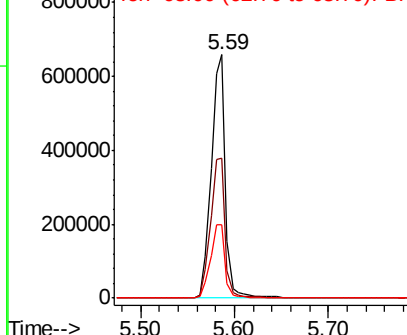
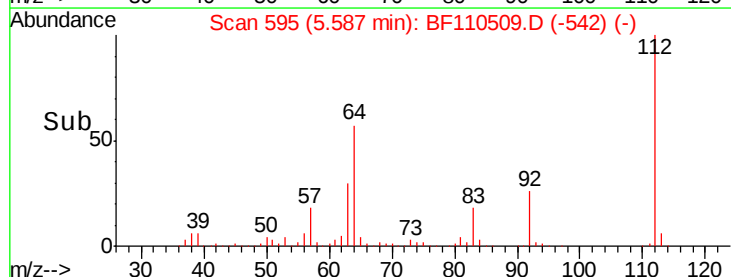
#5

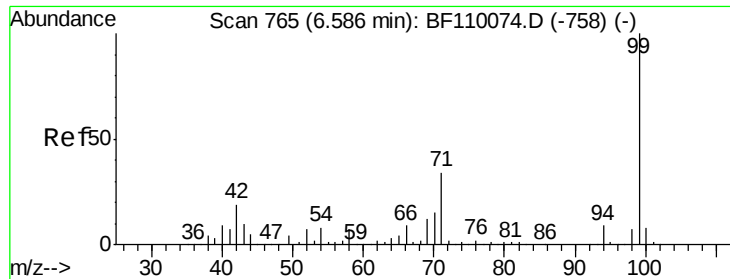
2-Fluorophenol
Concen: 110.734 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Tgt Ion:112 Resp: 702951
Ion Ratio Lower Upper
112 100
64 57.5 44.1 66.1
63 30.4 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: 110.625 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampled :

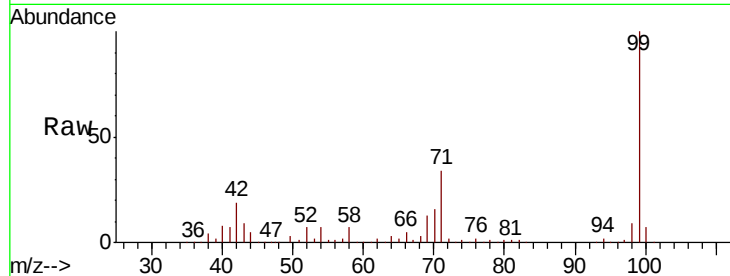
Tot Ion: 99 Resp: 898241

Ion Ratio Lower Upper

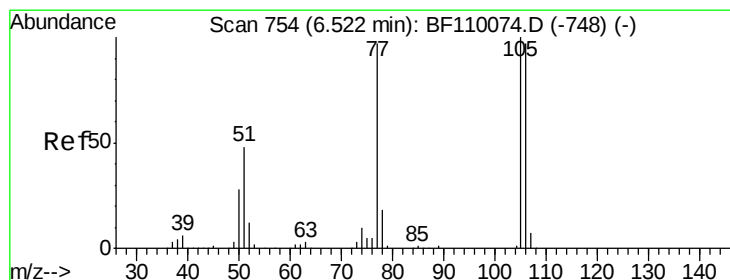
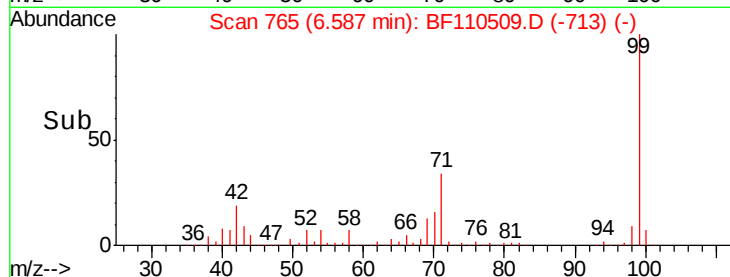
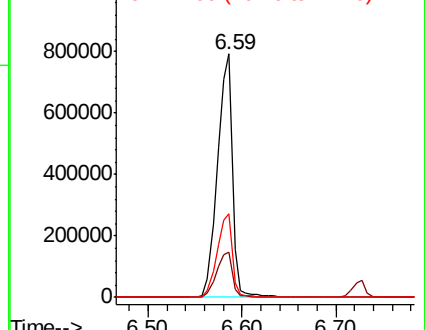
99 100

42 18.6 15.8 23.6

71 34.3 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



#9

Benzaldehyde

Concen: 2.094 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.22 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

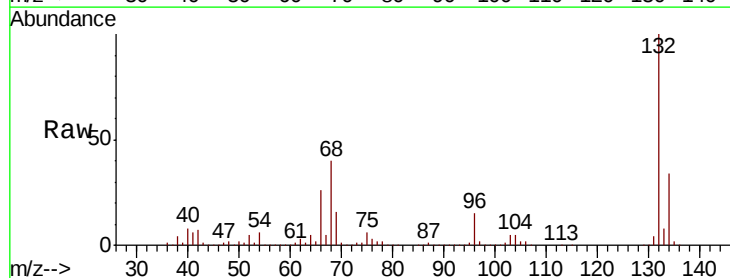
Tgt Ion: 77 Resp: 16620

Ion Ratio Lower Upper

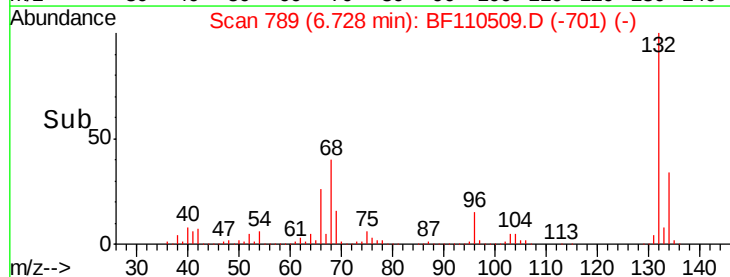
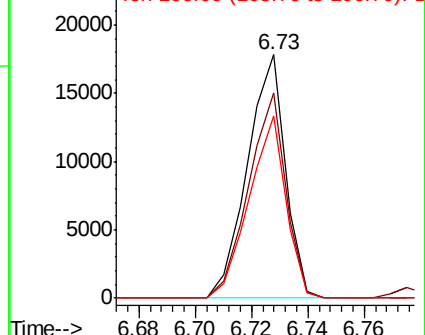
77 100

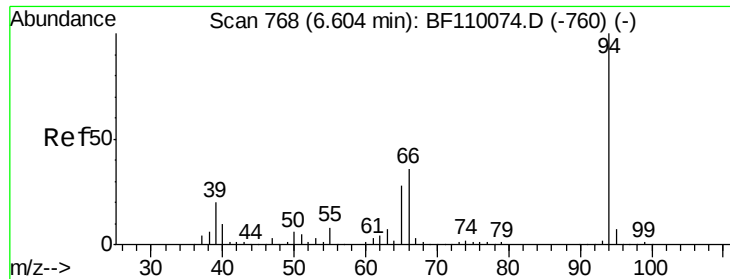
105 84.1 78.6 118.6

106 74.9 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.040 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampled :

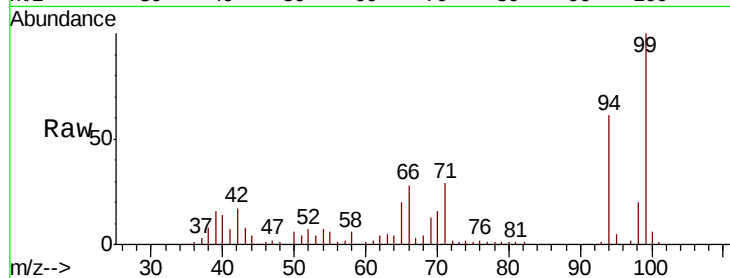
Tot Ion: 94 Resp: 69786

Ion Ratio Lower Upper

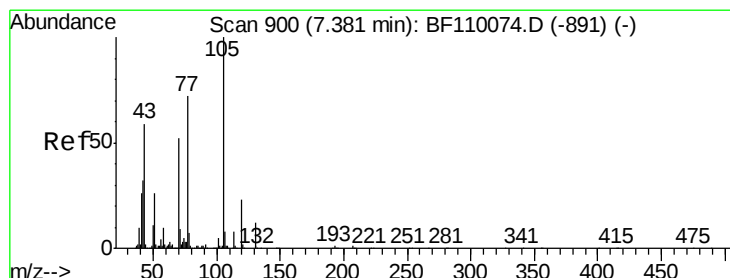
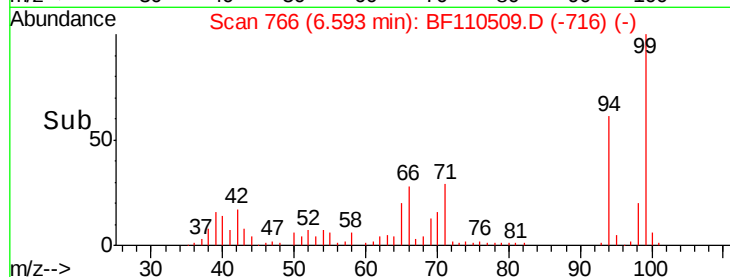
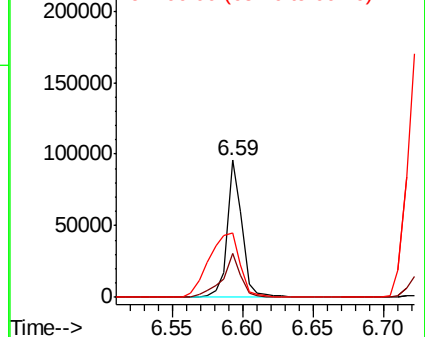
94 100

65 32.2 25.3 65.3

66 46.5 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: 13.905 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

Tgt Ion: 70 Resp: 72433

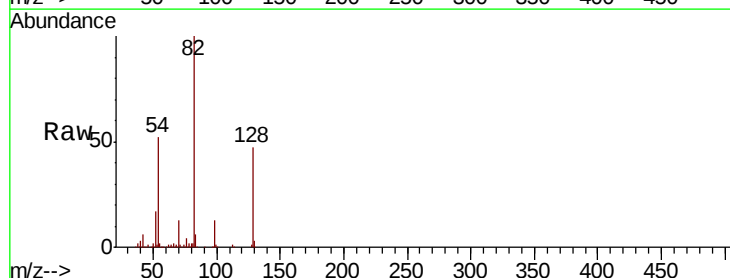
Ion Ratio Lower Upper

70 100

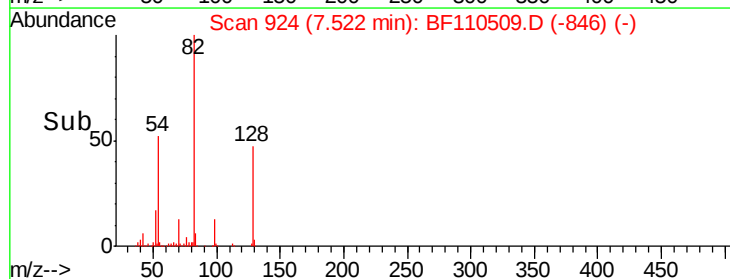
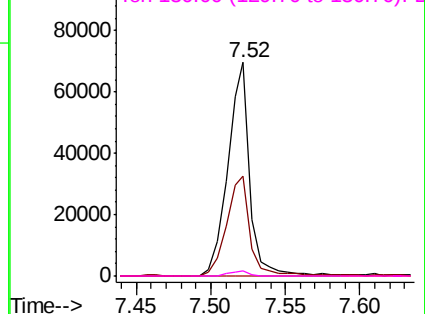
42 46.9 47.4 71.2#

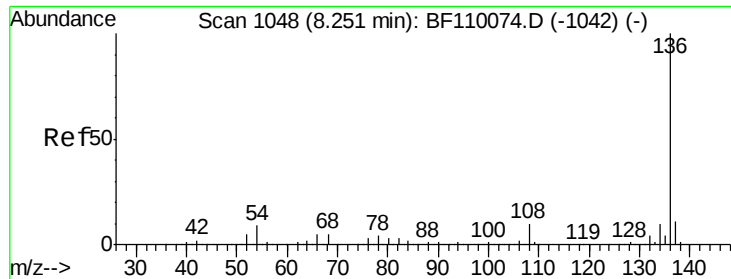
101 0.0 7.3 10.9#

130 2.4 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: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 409276

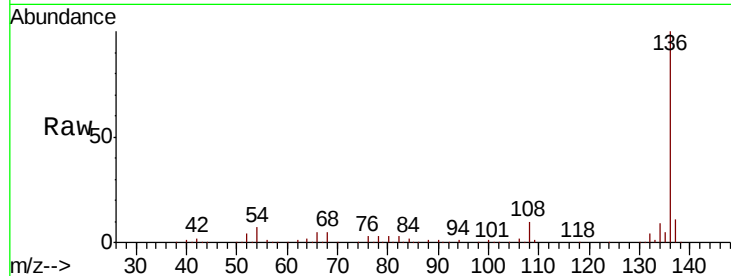
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.4 8.2

68 4.6 4.2 6.2

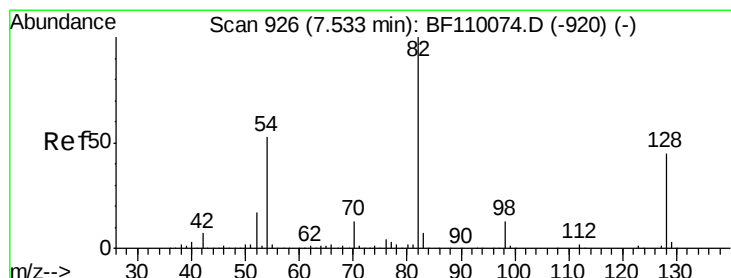
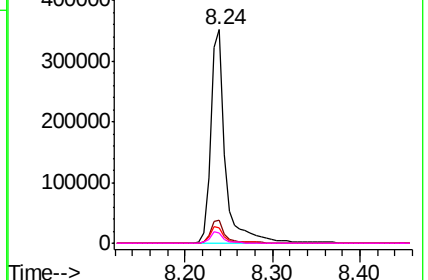
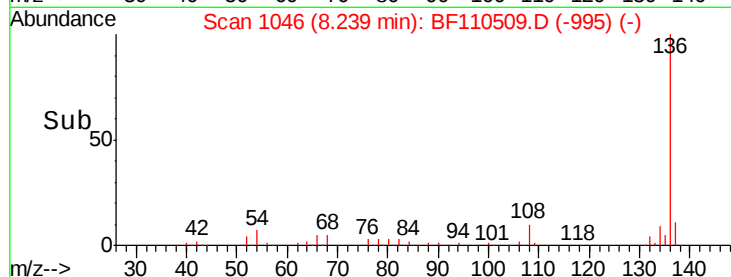


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.080 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

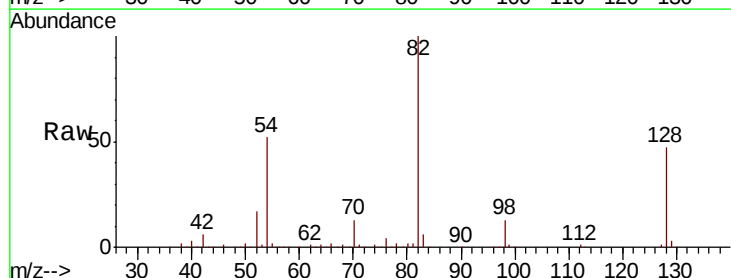
Tgt Ion: 82 Resp: 559474

Ion Ratio Lower Upper

82 100

128 46.6 34.2 51.2

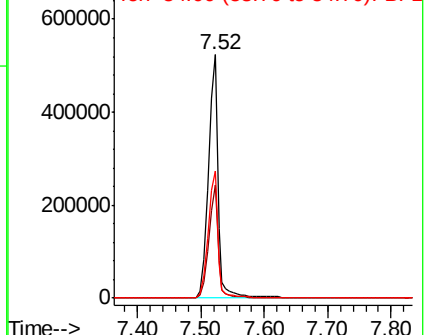
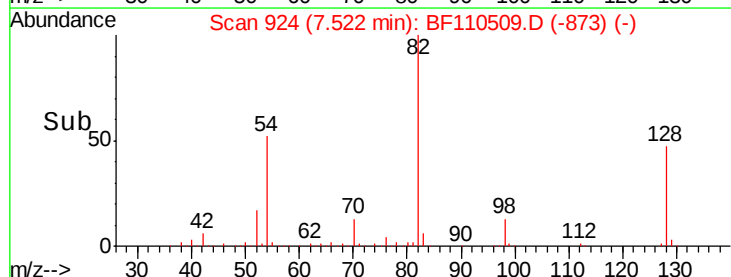
54 52.3 38.6 58.0

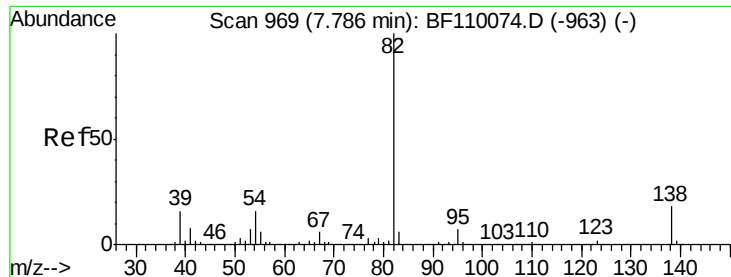


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.565 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampleId :

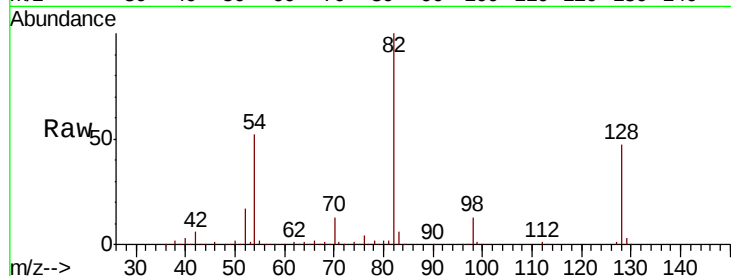
Tot Ion: 82 Resp: 559470

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

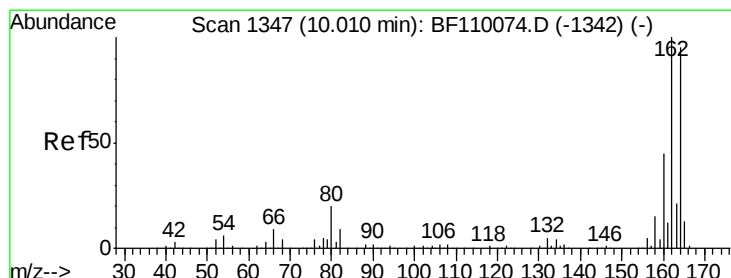
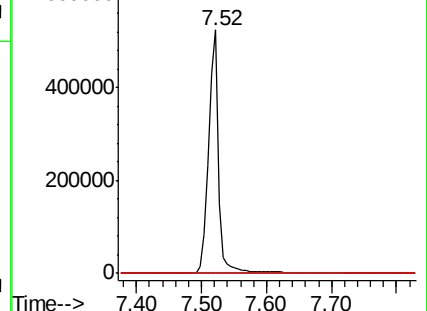
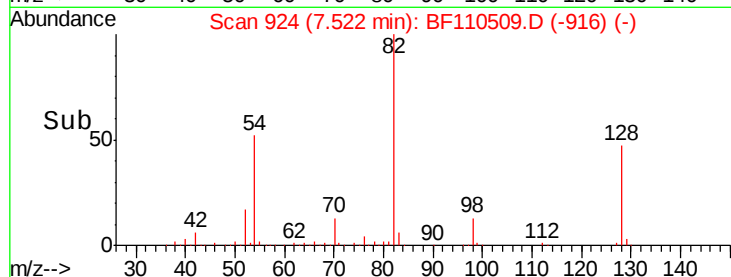
138 0.0 13.2 19.8#



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

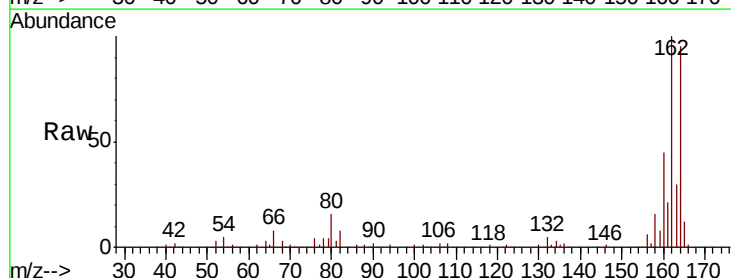
Tgt Ion:164 Resp: 177703

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

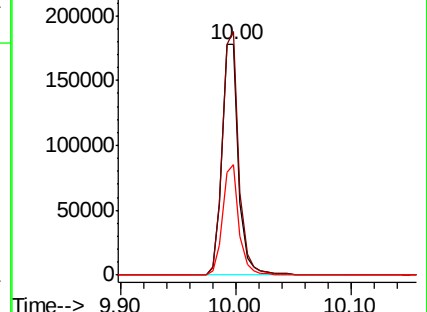
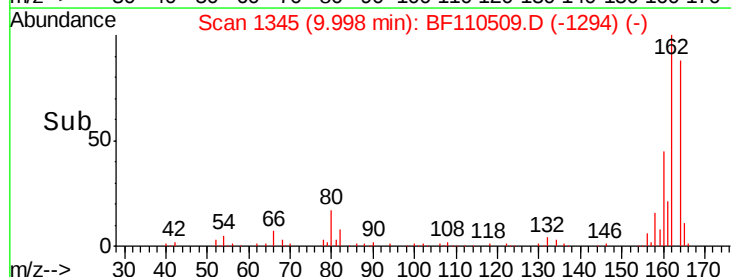
160 47.7 37.0 55.6

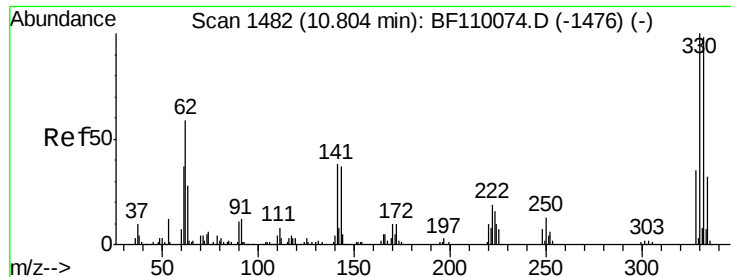


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

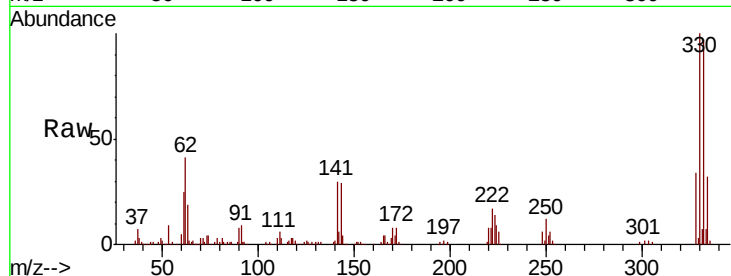




#42
 2,4,6-Tribromophenol
 Concen: 97.789 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	38.2	27.0	40.4

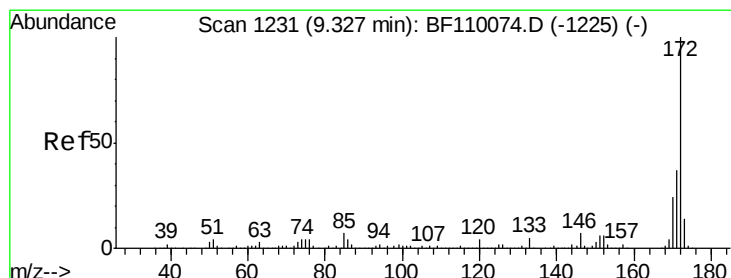
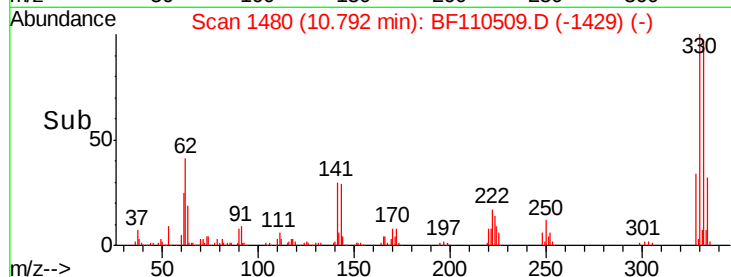
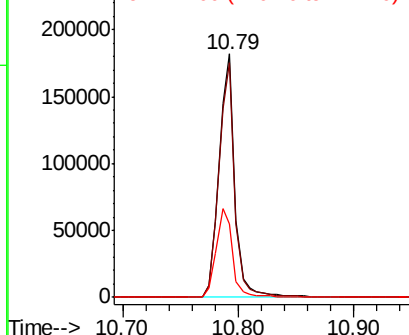


Abundance

Ion 329.80 (329.50 to 330.50): E

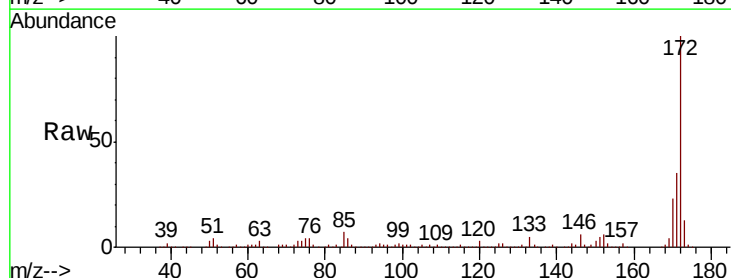
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.142 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.2	19.7	29.5

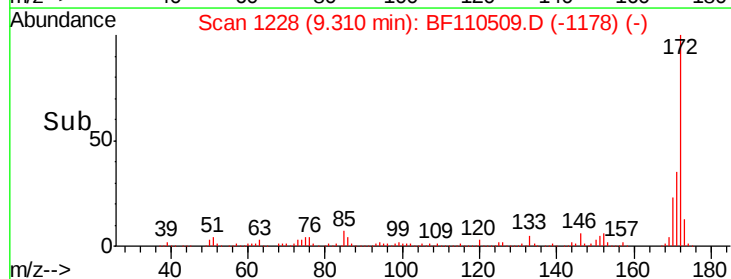
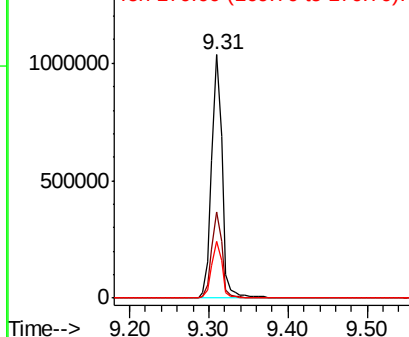


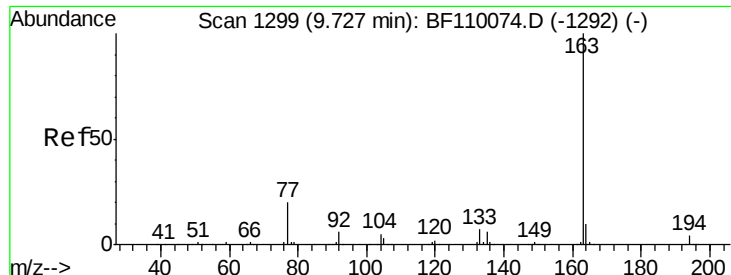
Abundance

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

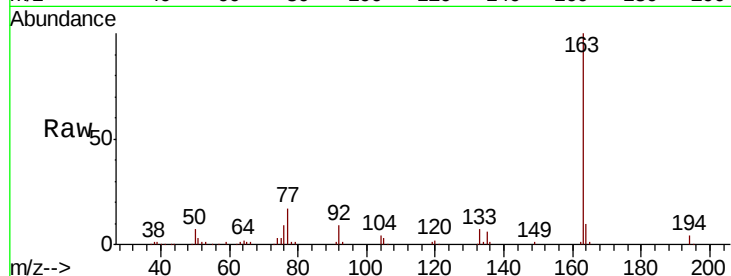




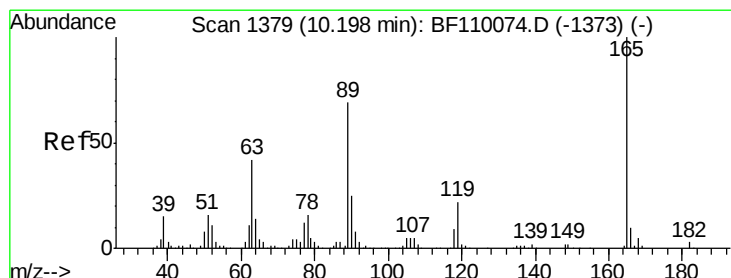
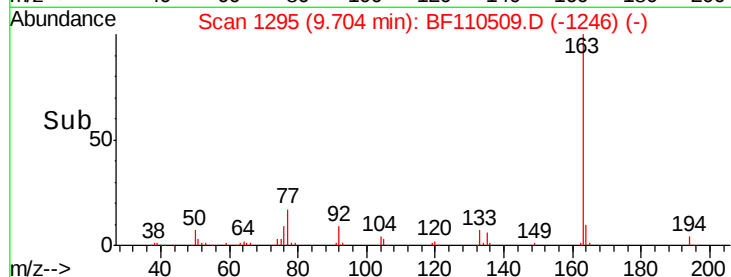
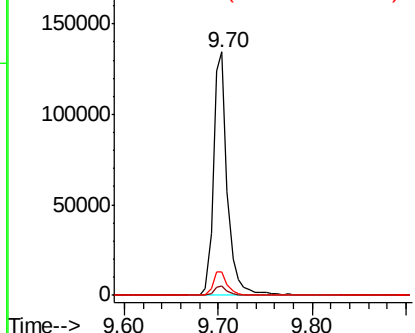
#50
Dimethylphthalate
Concen: 10.766 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 141226
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 8.1 12.1

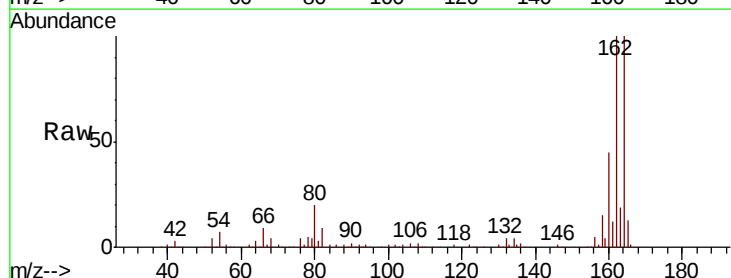


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

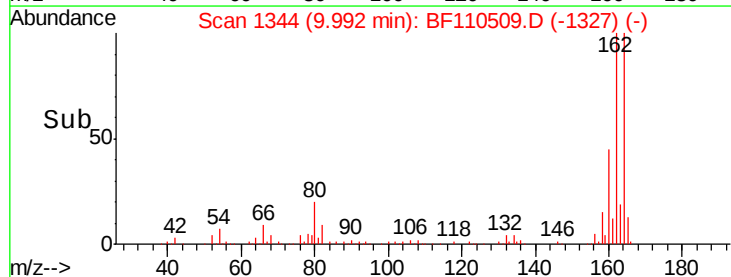
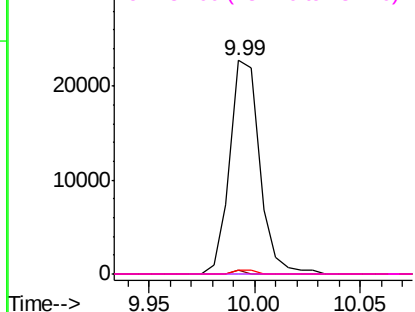


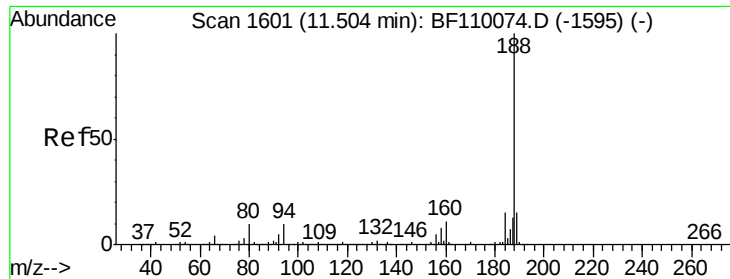
#57
2,4-Dinitrotoluene
Concen: 6.223 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110509.D
Acq: 6 Nov 2018 12:31

Tgt Ion:165 Resp: 22334
Ion Ratio Lower Upper
165 100
63 1.7 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: BF110509.D

Acq: 6 Nov 2018 12:31

Instrument :

BNA_F

ClientSampleId :

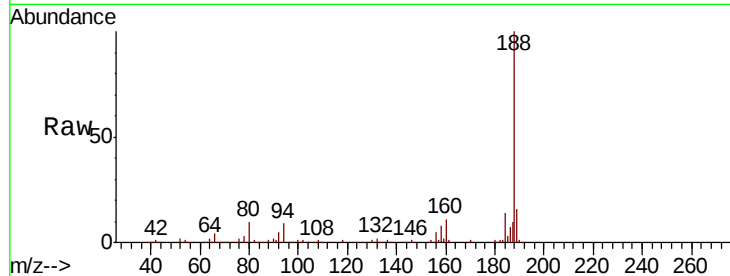
Tot Ion:188 Resp: 280716

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

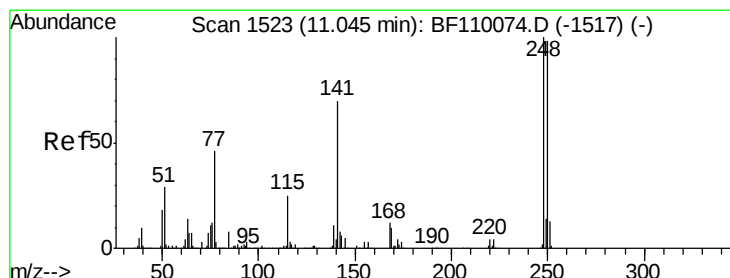
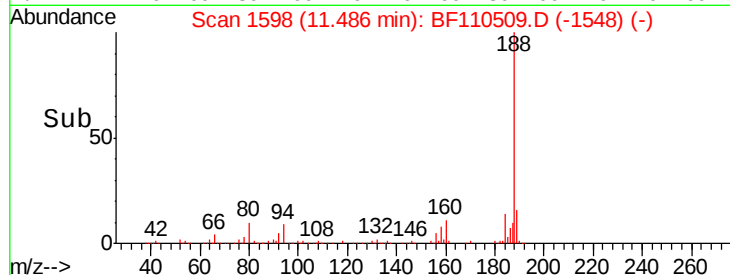
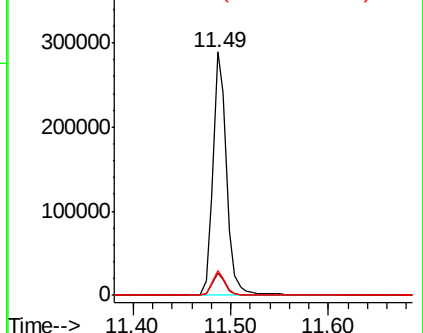
80 10.4 7.9 11.9



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: 3.821 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110509.D

Acq: 6 Nov 2018 12:31

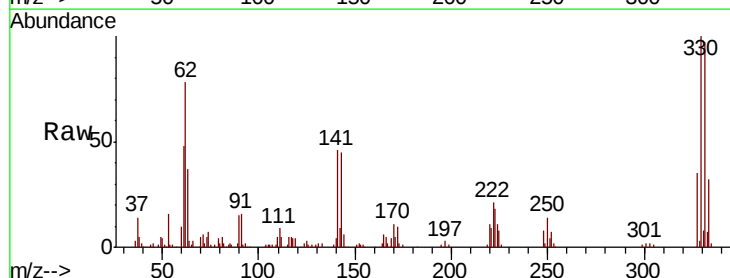
Tgt Ion:248 Resp: 11634

Ion Ratio Lower Upper

248 100

250 171.5 79.4 119.2#

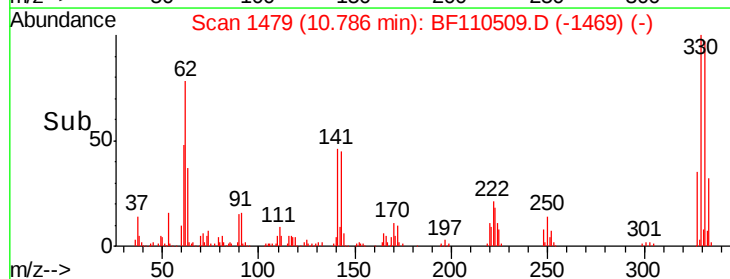
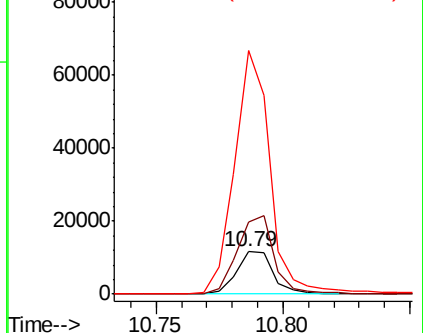
141 577.4 55.9 83.9#

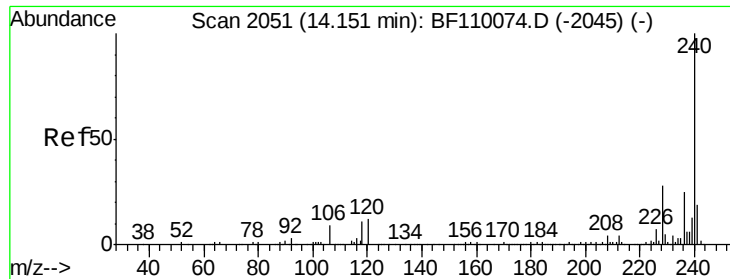


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

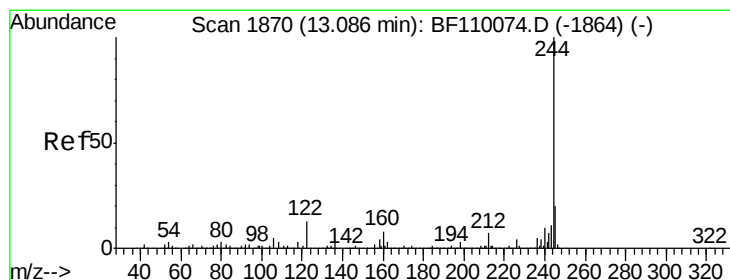
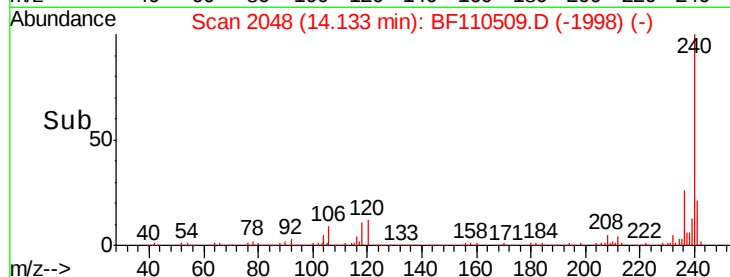
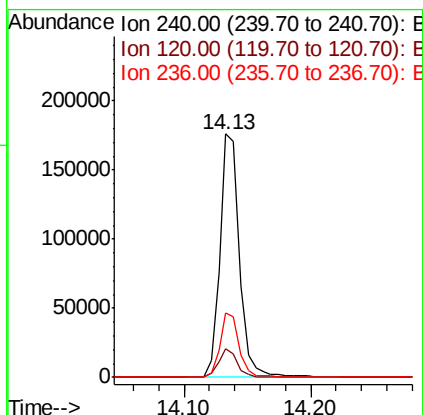
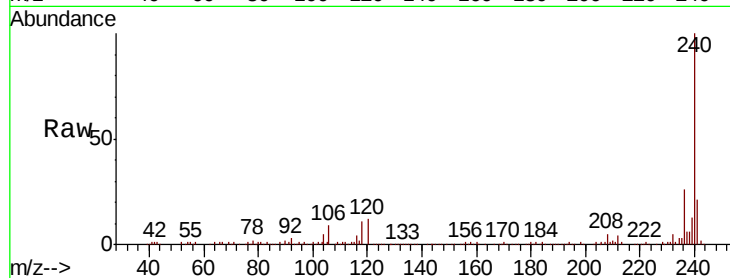




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

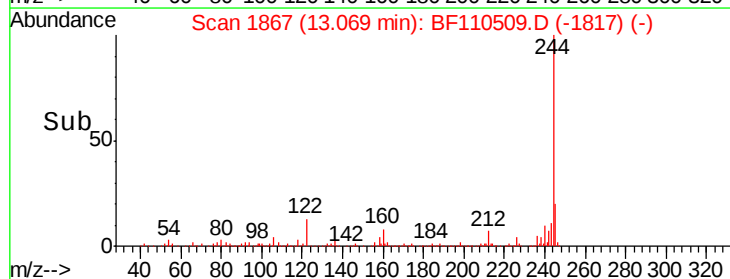
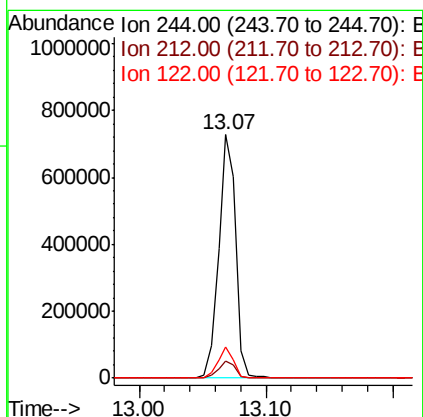
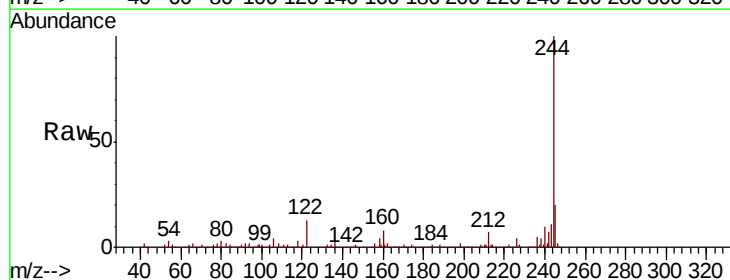
Instrument :
 BNA_F
 ClientSampleId :

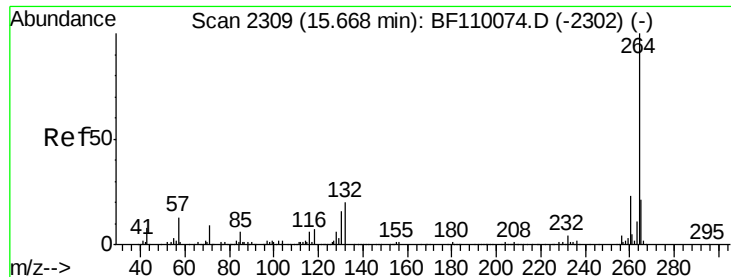
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.2	21.2	31.8



#79
 Terphenyl-d14
 Concen: 74.376 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	8.7	13.1

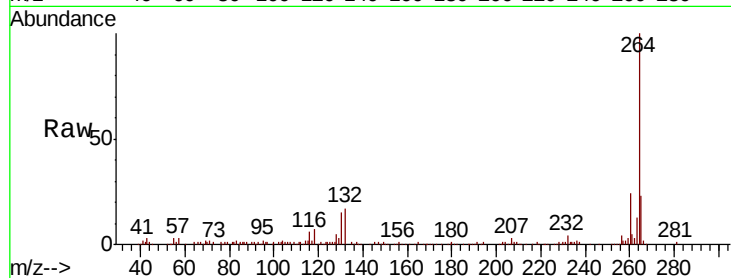




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110509.D
 Acq: 6 Nov 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.5	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

