

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111009.D
 Acq On : 27 Nov 2018 15:01
 Operator : JU/SJ
 Sample : J6060-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 16:02:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

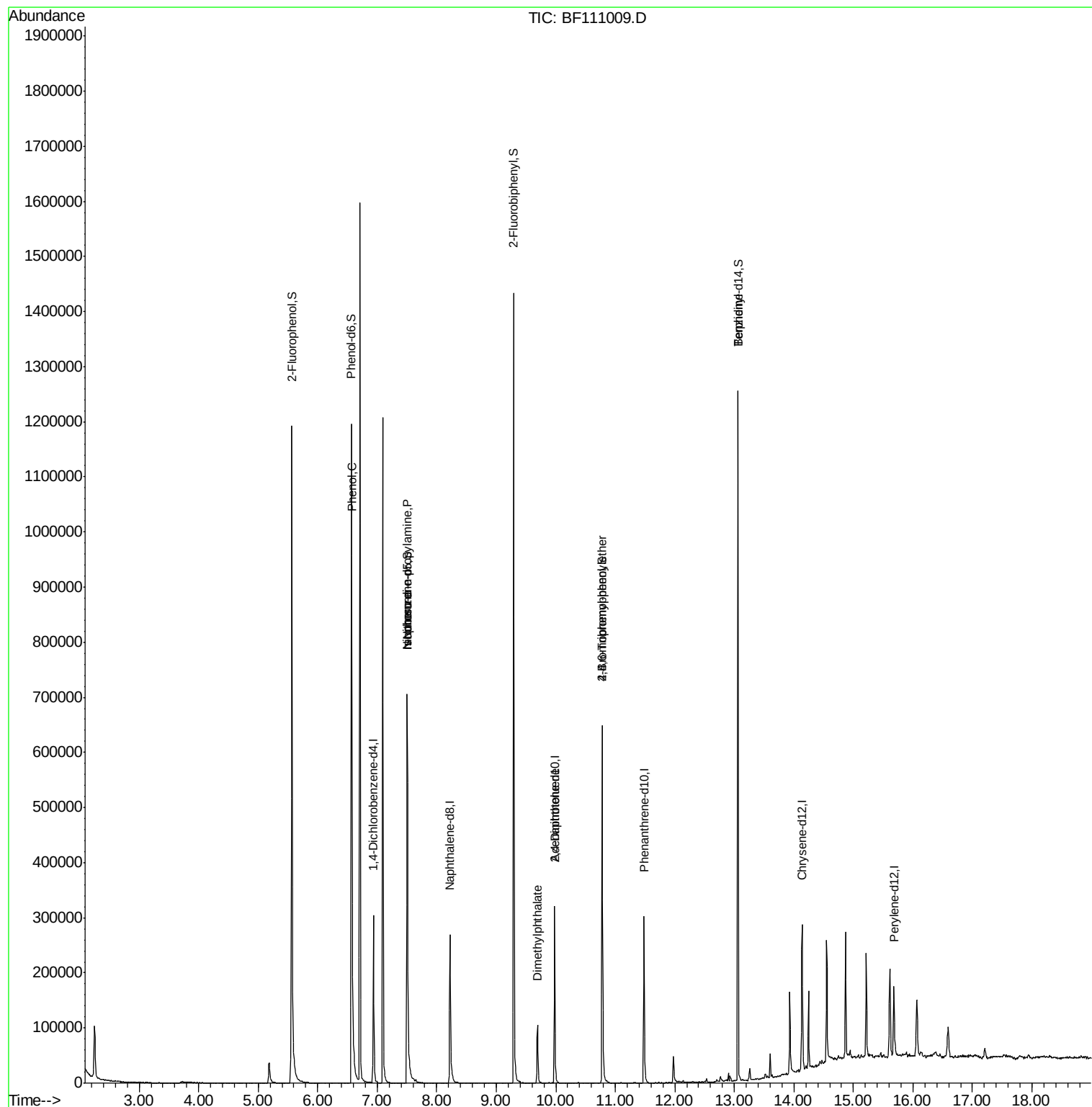
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	46852	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	172961	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	69966	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	133019	20.00	ng	0.00
76) Chrysene-d12	14.14	240	101819	20.00	ng	0.00
87) Perylene-d12	15.68	264	67593	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	389546	137.88	ng	0.01
7) Phenol-d6	6.57	99	462864	125.72	ng	0.00
23) Nitrobenzene-d5	7.50	82	279626	92.52	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	88823	127.83	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	450816	93.35	ng	0.00
79) Terphenyl-d14	13.06	244	425509	81.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	761	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	24529	5.916 ng		87
19) n-Nitroso-di-n-propylamine	7.50	70	36509	15.223 ng	#	81
25) Isophorone	7.50	82	279626	56.405 ng	#	67
50) Dimethylphthalate	9.69	163	58294	11.360 ng		99
57) 2,4-Dinitrotoluene	9.98	165	8751	5.905 ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	5597	3.863 ng	#	1
77) Benzidine	13.06	184	5757	2.211 ng		96

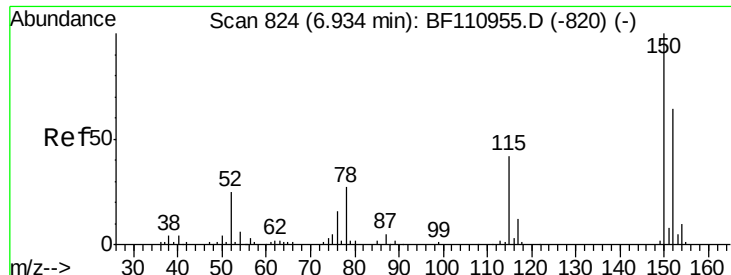
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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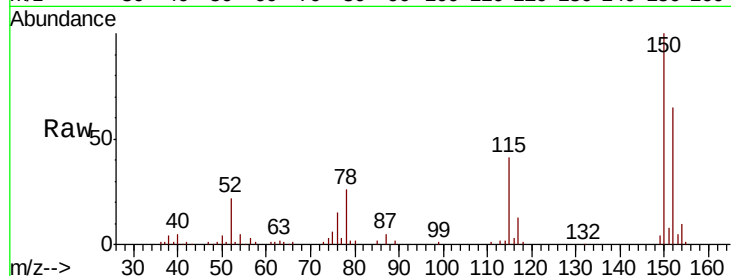


#1

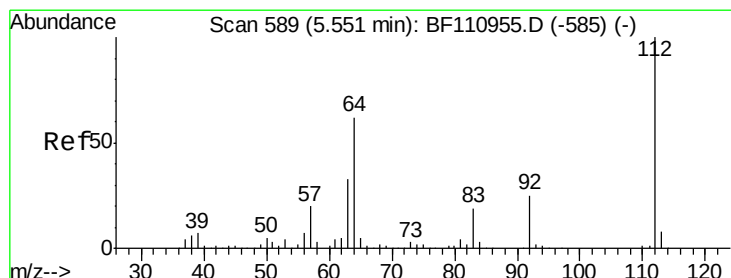
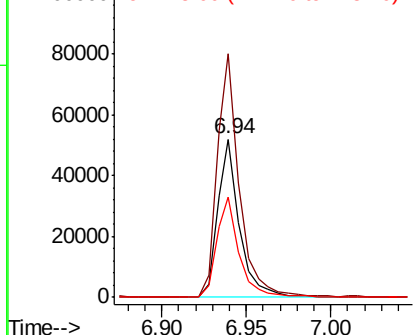
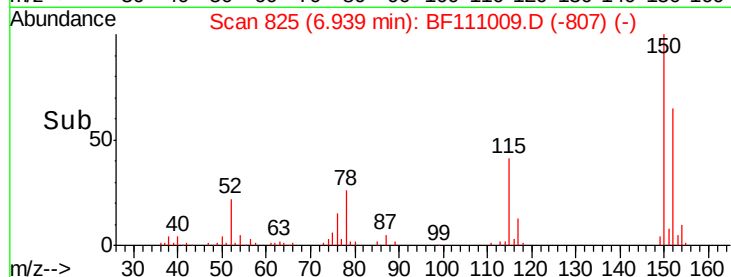
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111009.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46852
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 63.3 49.1 73.7



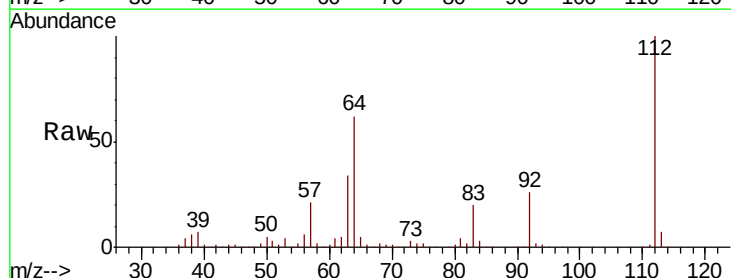
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



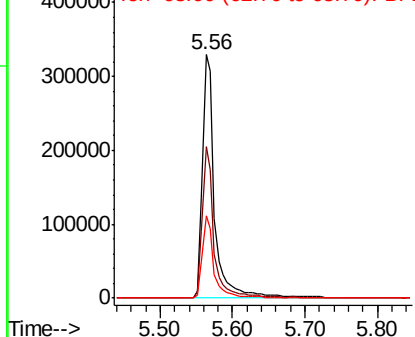
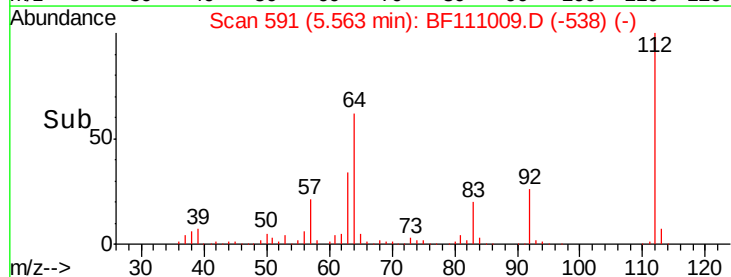
#5

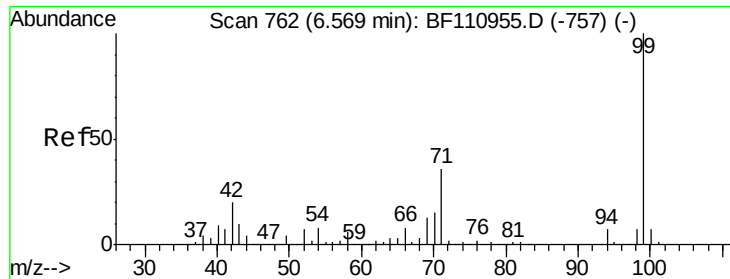
2-Fluorophenol
Concen: 137.879 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111009.D
Acq: 27 Nov 2018 15:01

Tgt Ion:112 Resp: 389546
Ion Ratio Lower Upper
112 100
64 62.3 44.1 66.1
63 33.7 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: 125.717 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111009.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_F

ClientSampled :

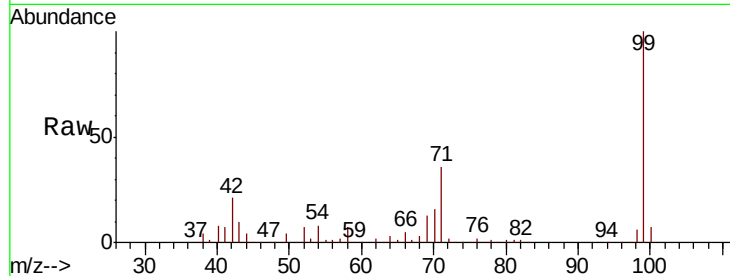
Tot Ion: 99 Resp: 462864

Ion Ratio Lower Upper

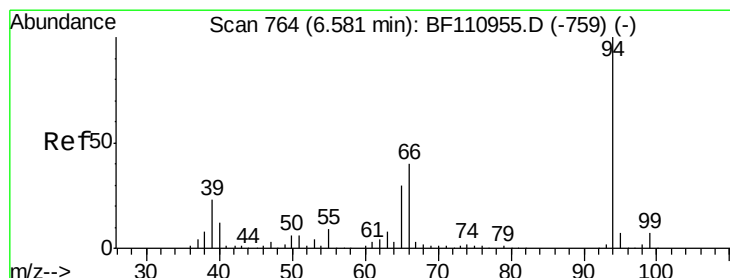
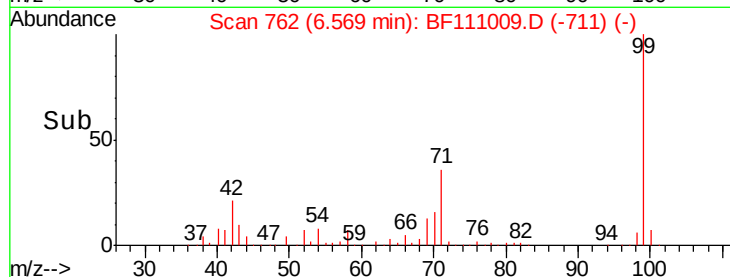
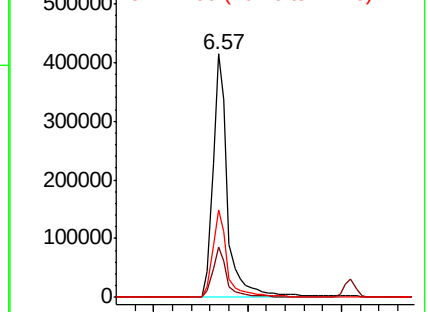
99 100

42 20.5 15.8 23.6

71 36.0 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: 5.916 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111009.D

Acq: 27 Nov 2018 15:01

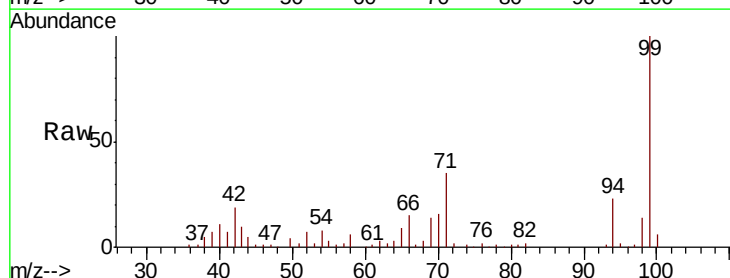
Tgt Ion: 94 Resp: 24529

Ion Ratio Lower Upper

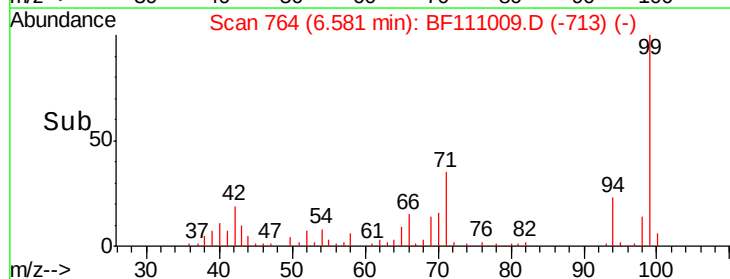
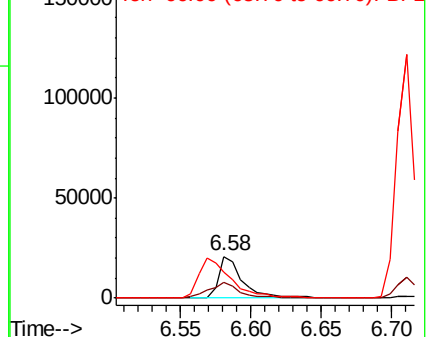
94 100

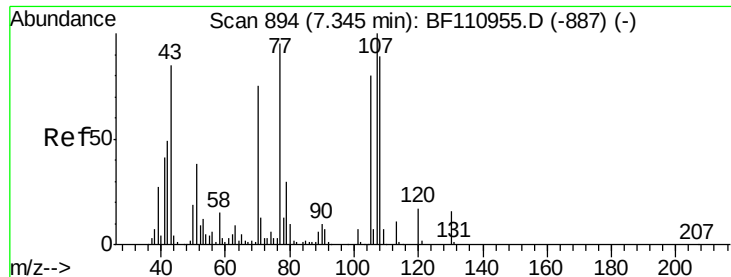
65 38.3 25.3 65.3

66 62.8 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: 15.223 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF111009.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 36509

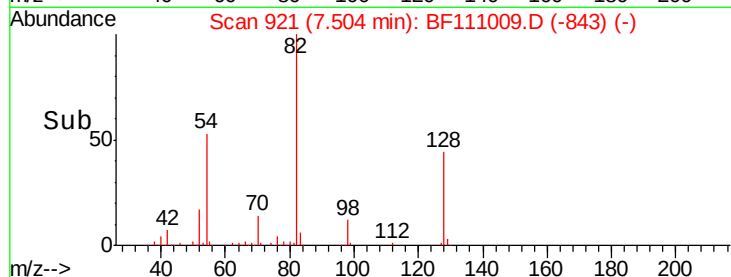
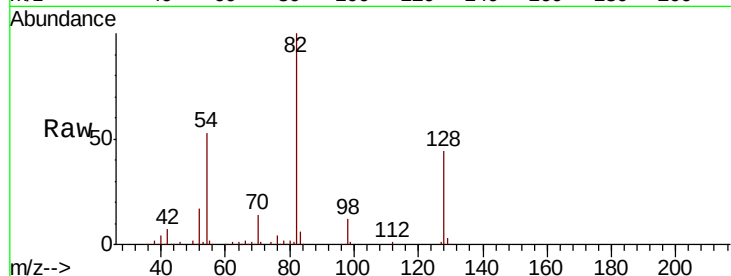
Ion Ratio Lower Upper

70 100

42 50.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

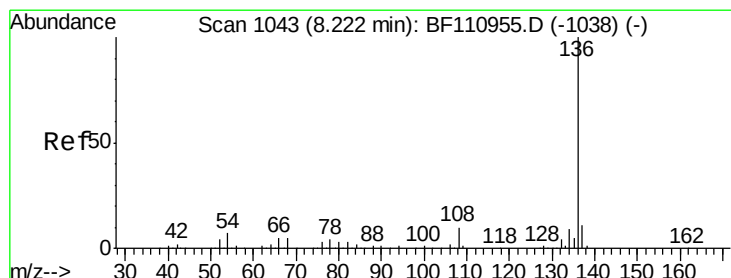
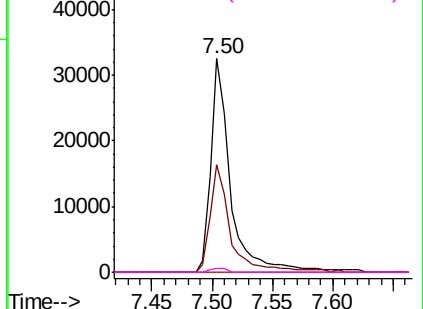


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111009.D

Acq: 27 Nov 2018 15:01

Tgt Ion: 136 Resp: 172961

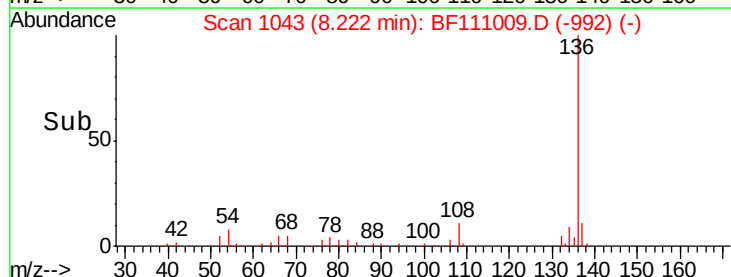
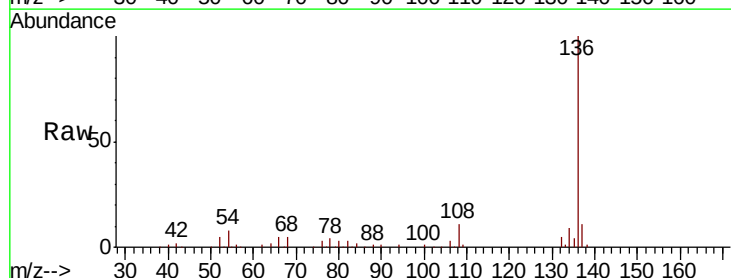
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.1 5.4 8.2

68 5.3 4.2 6.2

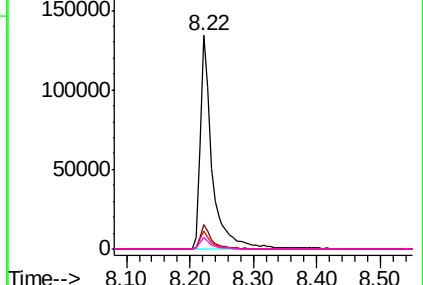


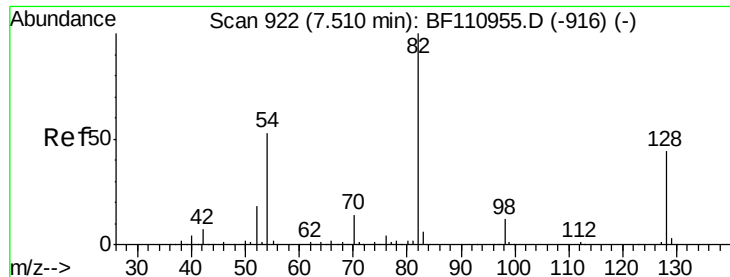
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

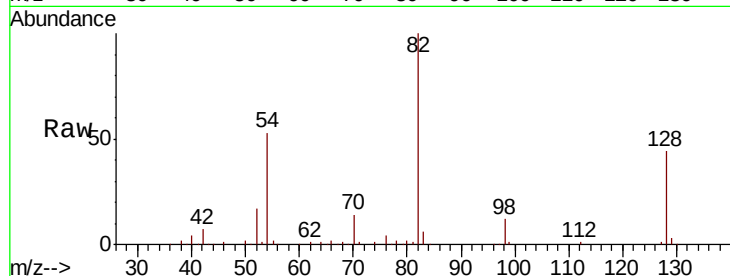




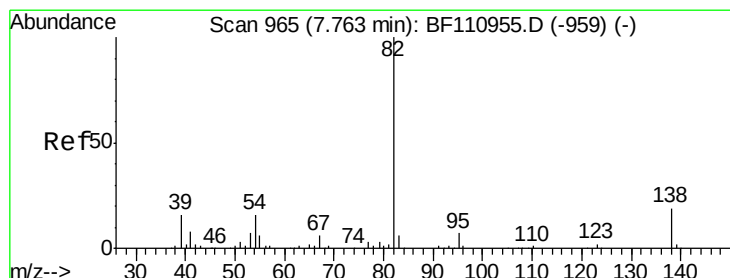
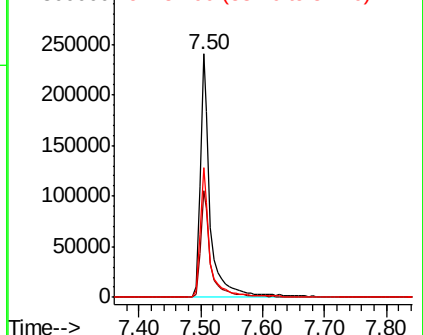
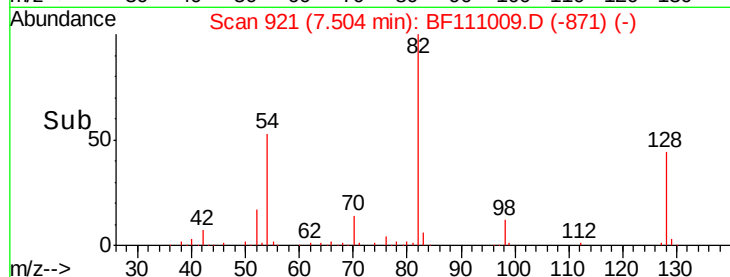
#23
 Nitrobenzene-d5
 Concen: 92.525 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 279626
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.2 51.2
 54 53.3 38.6 58.0

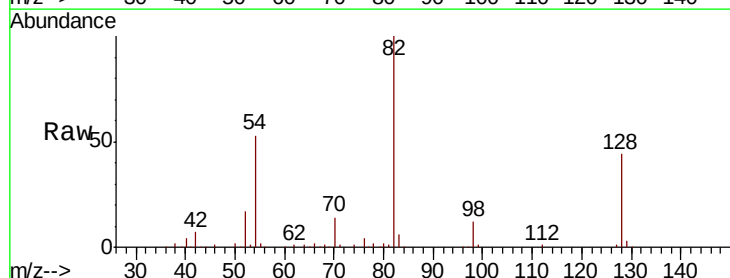


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

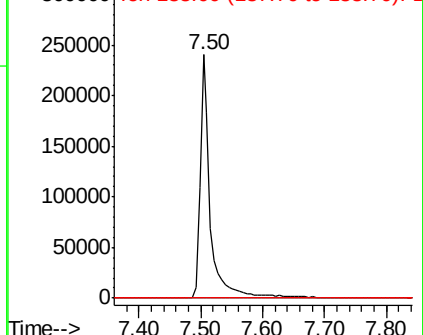
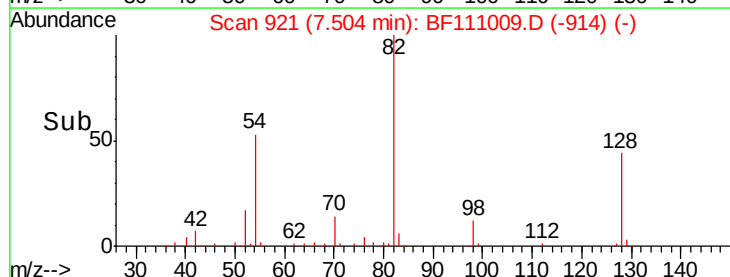


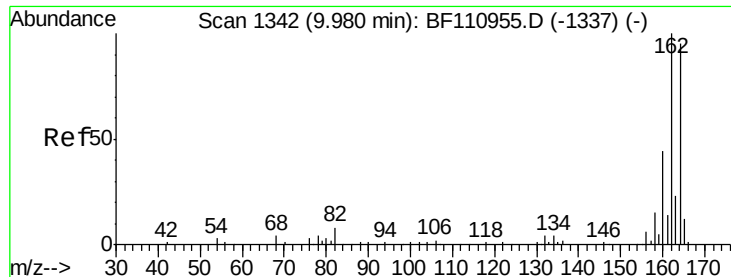
#25
 Isophorone
 Concen: 56.405 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Tgt Ion: 82 Resp: 279626
 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

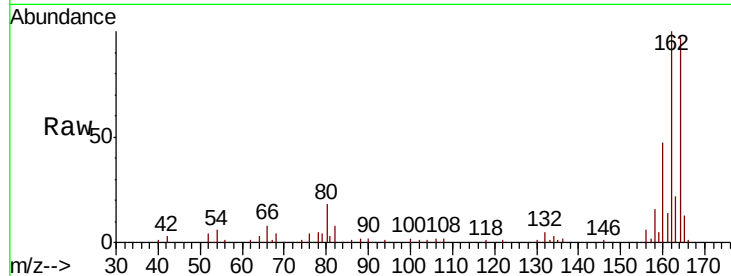




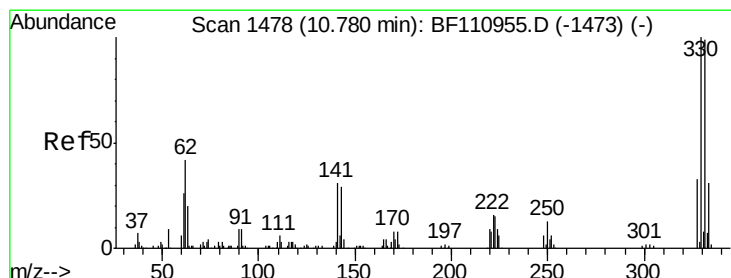
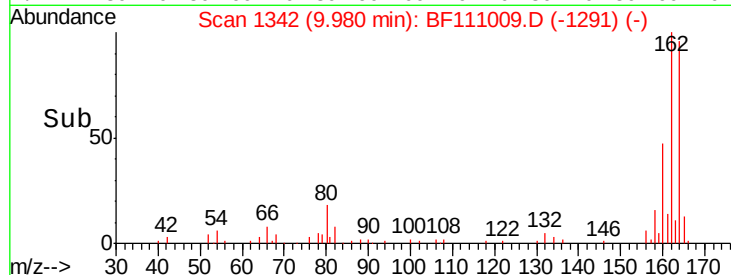
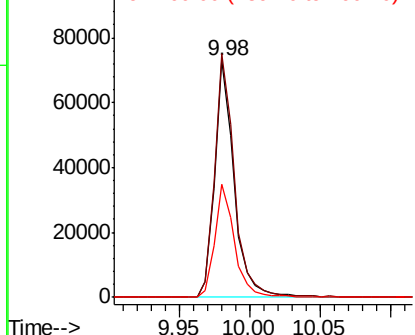
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111009.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 69966
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 47.8 37.0 55.6

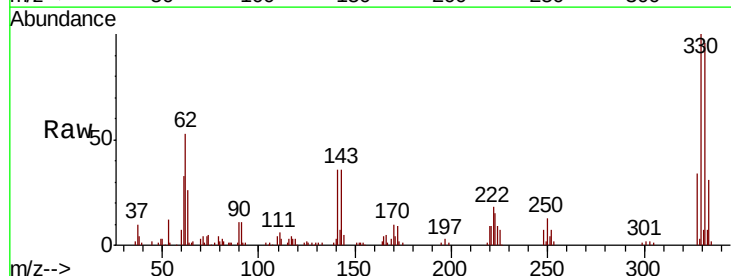


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

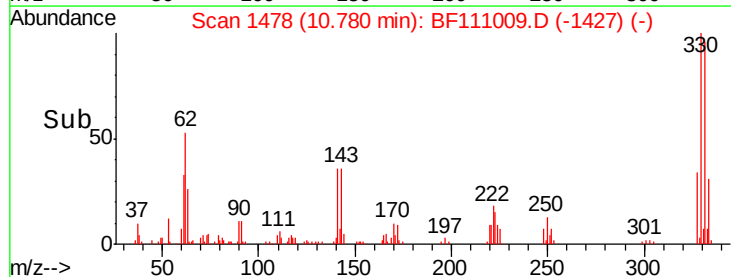
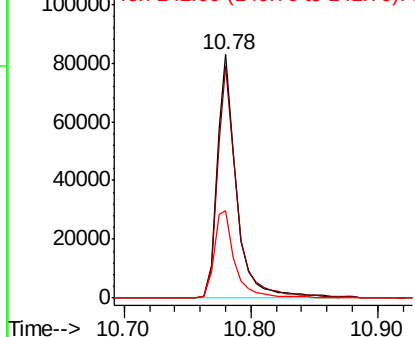


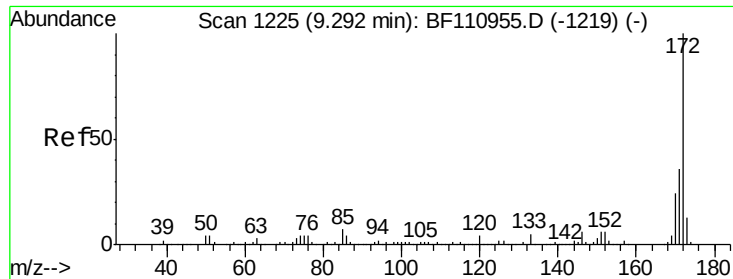
#42
2,4,6-Tribromophenol
Concen: 127.829 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF111009.D
Acq: 27 Nov 2018 15:01

Tgt Ion:330 Resp: 88823
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 38.5 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

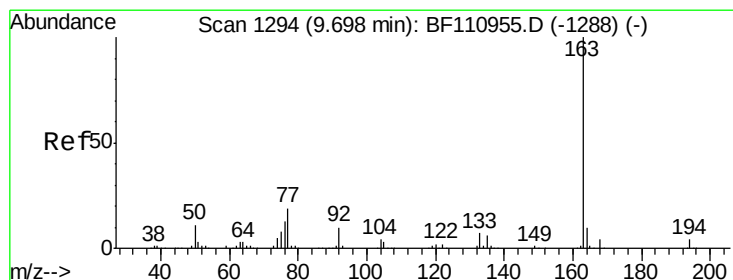
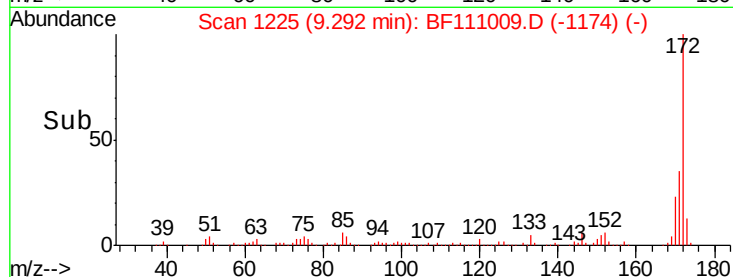
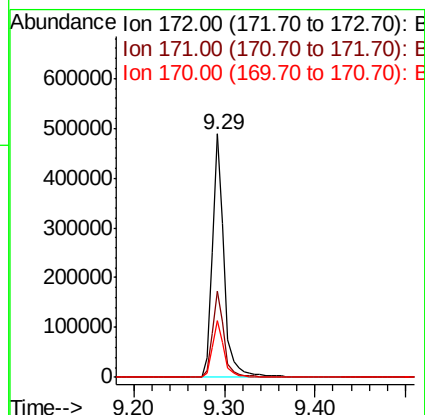
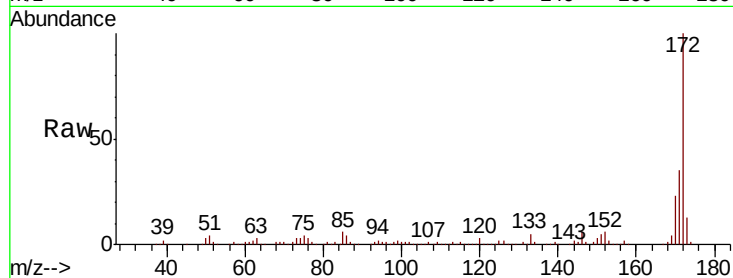




#45
 2-Fluorobiphenyl
 Concen: 93.350 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

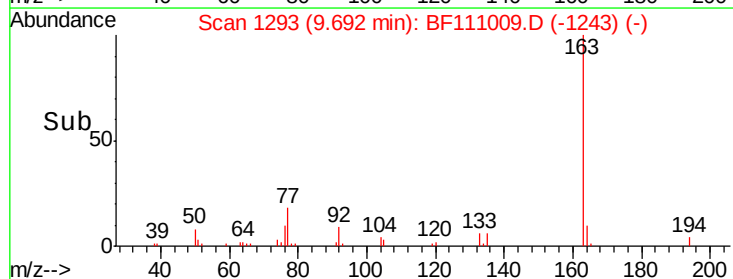
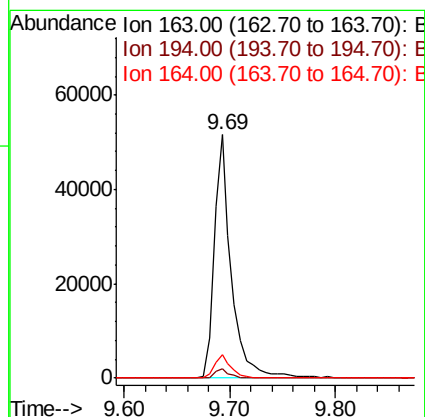
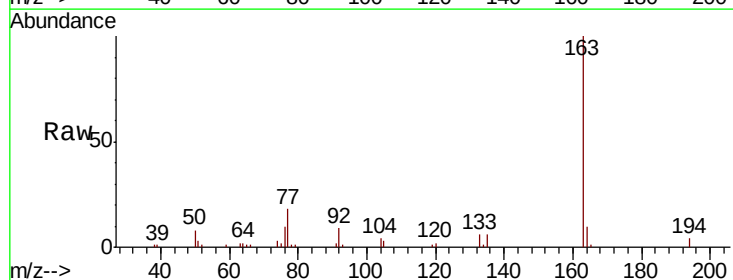
Instrument :
 BNA_F
 ClientSampleId :

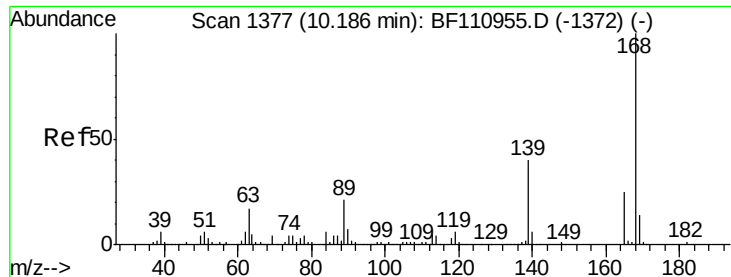
Tot Ion:172 Resp: 450816
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.4 19.7 29.5



#50
 Dimethylphthalate
 Concen: 11.360 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Tgt Ion:163 Resp: 58294
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 9.5 8.1 12.1

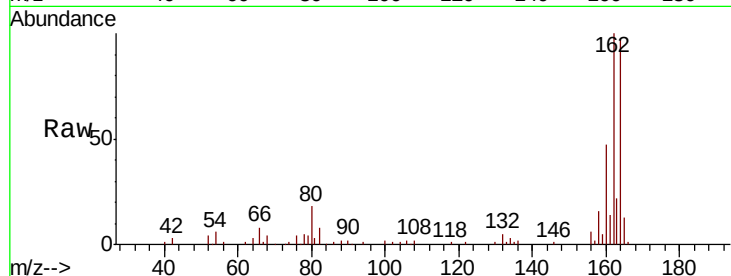




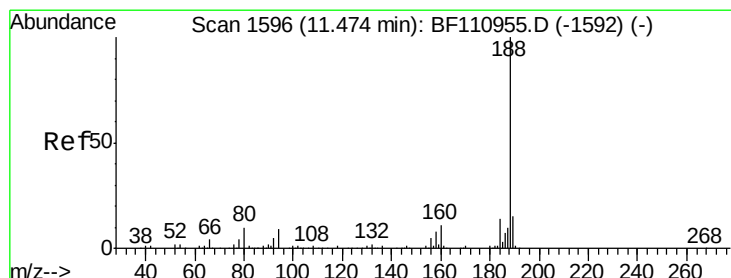
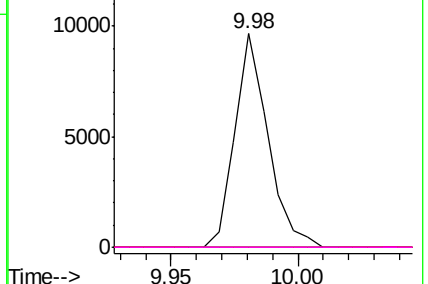
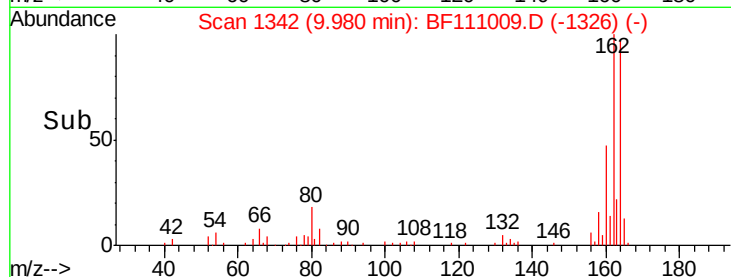
#57
 2,4-Dinitrotoluene
 Concen: 5.905 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 8751
 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#

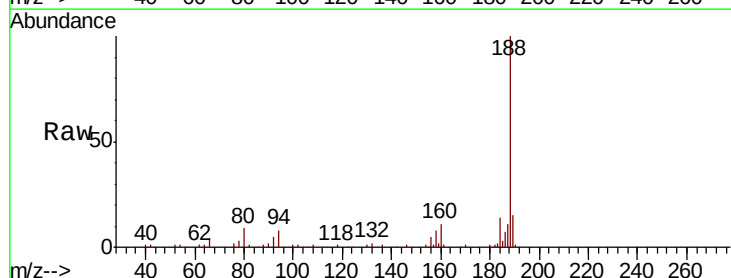


Abundance Ion 165.00 (164.70 to 165.70): E
 15000 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

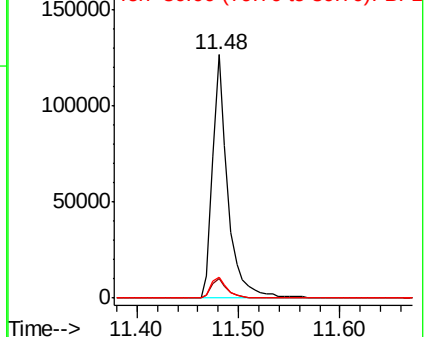
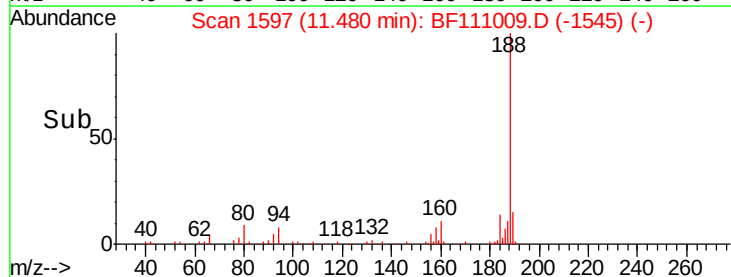


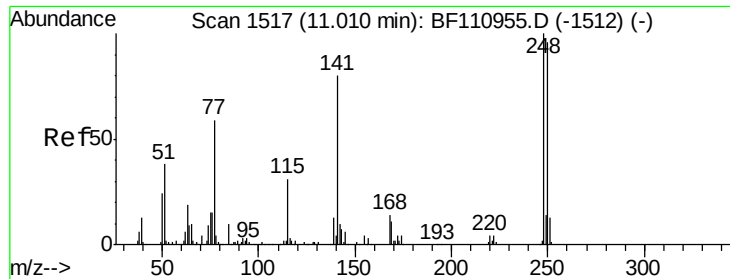
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Tgt Ion:188 Resp: 133019
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.2 10.8
 80 8.8 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

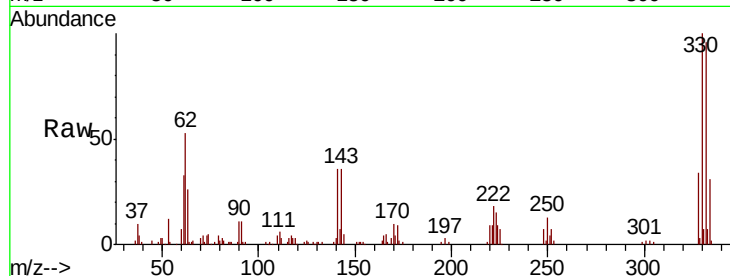




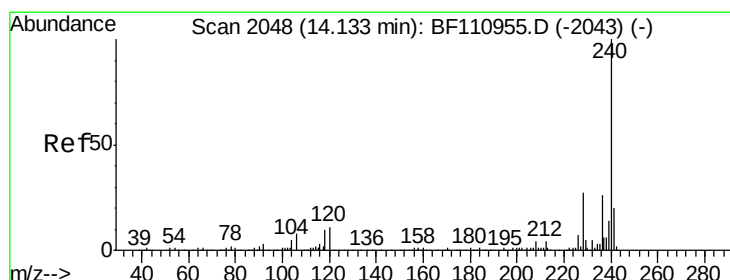
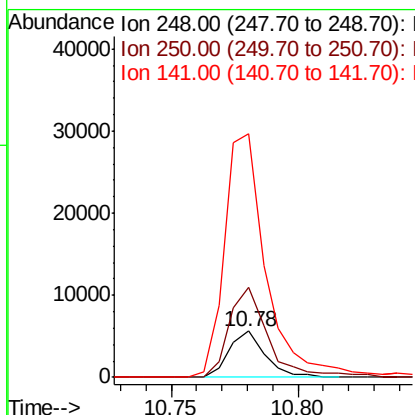
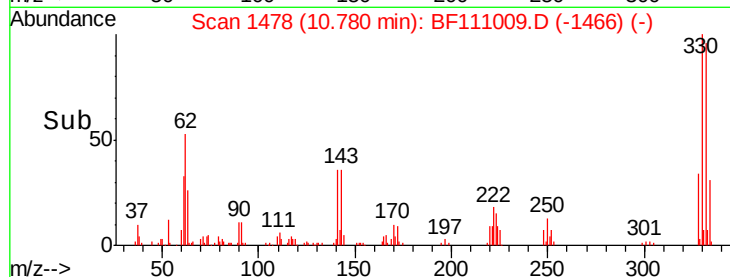
#67
 4-Bromophenyl-phenylether
 Concen: 3.863 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.23 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5597
 Ion Ratio Lower Upper
 248 100
 250 195.7 79.4 119.2#
 141 526.8 55.9 83.9#

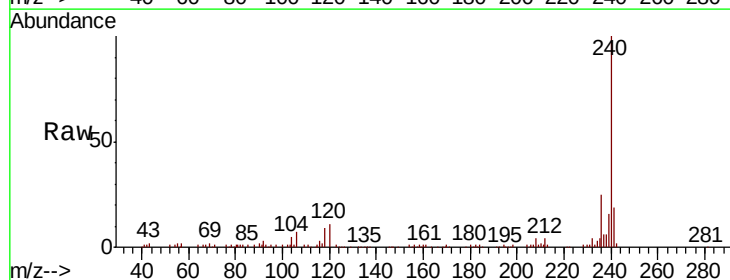


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

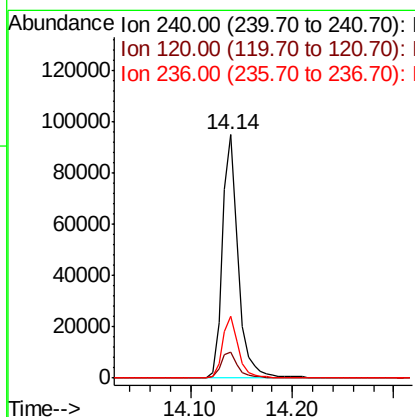
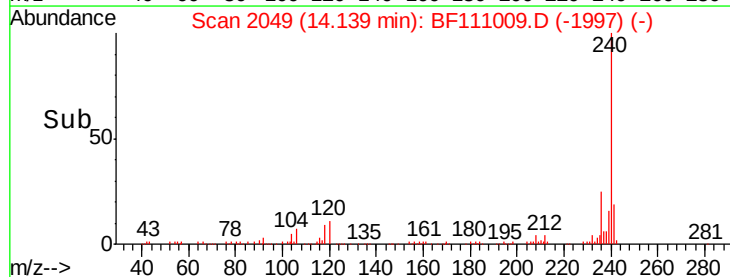


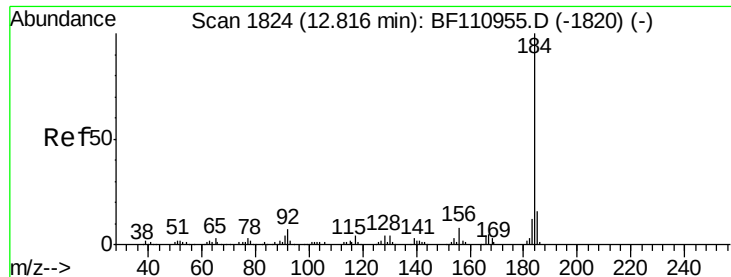
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Tgt Ion:240 Resp: 101819
 Ion Ratio Lower Upper
 240 100
 120 10.6 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





#77

Benzidine

Concen: 2.211 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.25 min

Lab File: BF111009.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_F

ClientSampleId :

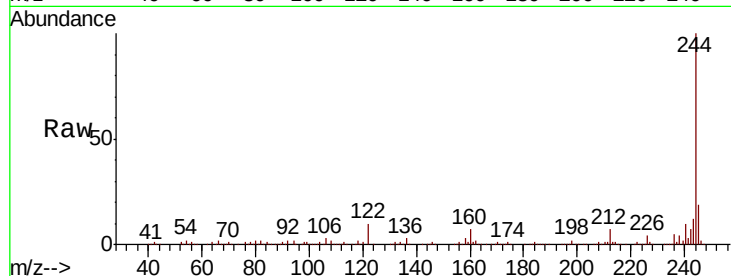
Tot Ion:184 Resp: 5757

Ion Ratio Lower Upper

184 100

185 18.9 13.4 20.2

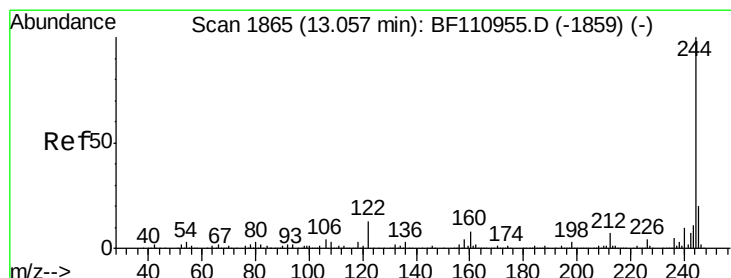
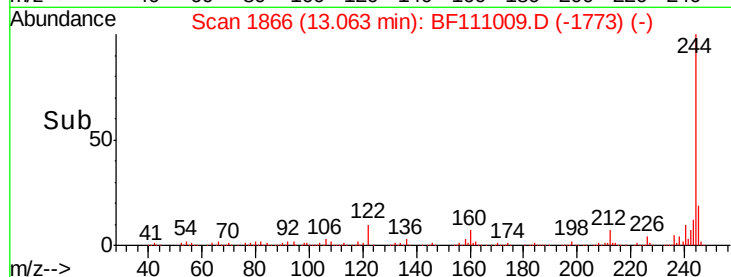
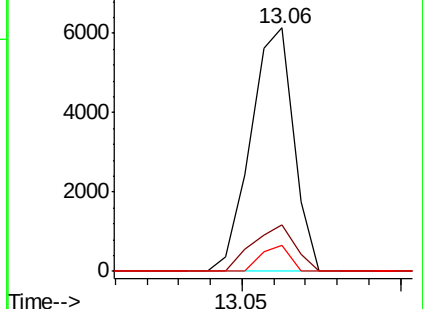
183 10.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 81.352 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111009.D

Acq: 27 Nov 2018 15:01

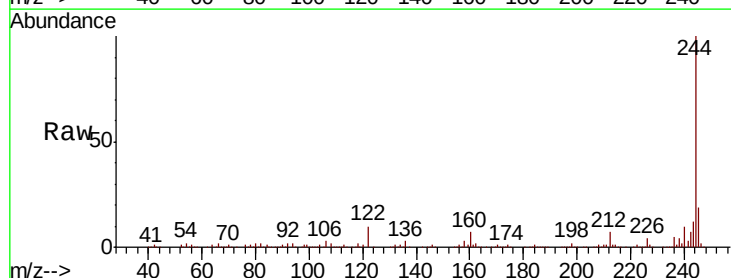
Tgt Ion:244 Resp: 425509

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

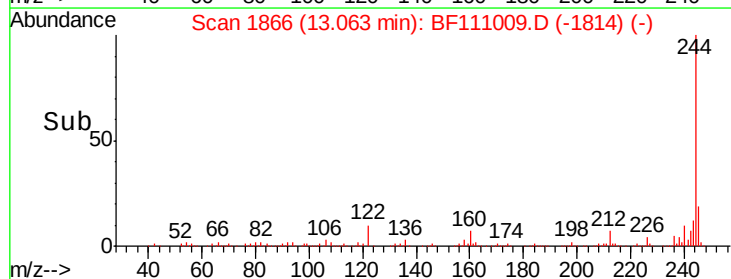
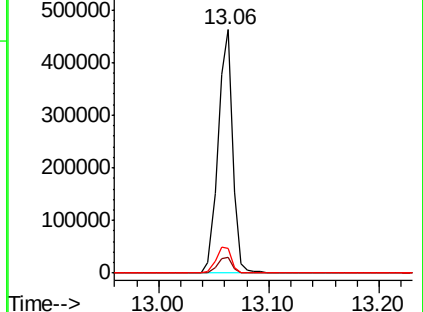
122 10.4 8.7 13.1

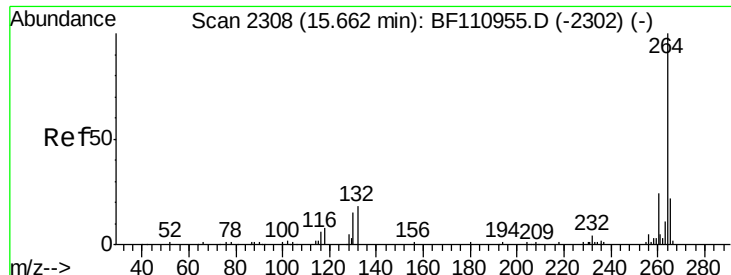


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BF111009.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.0	16.7	25.1

