

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110787.D
 Acq On : 15 Nov 2018 14:43
 Operator : JU/SJ
 Sample : J5911-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 16:16:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

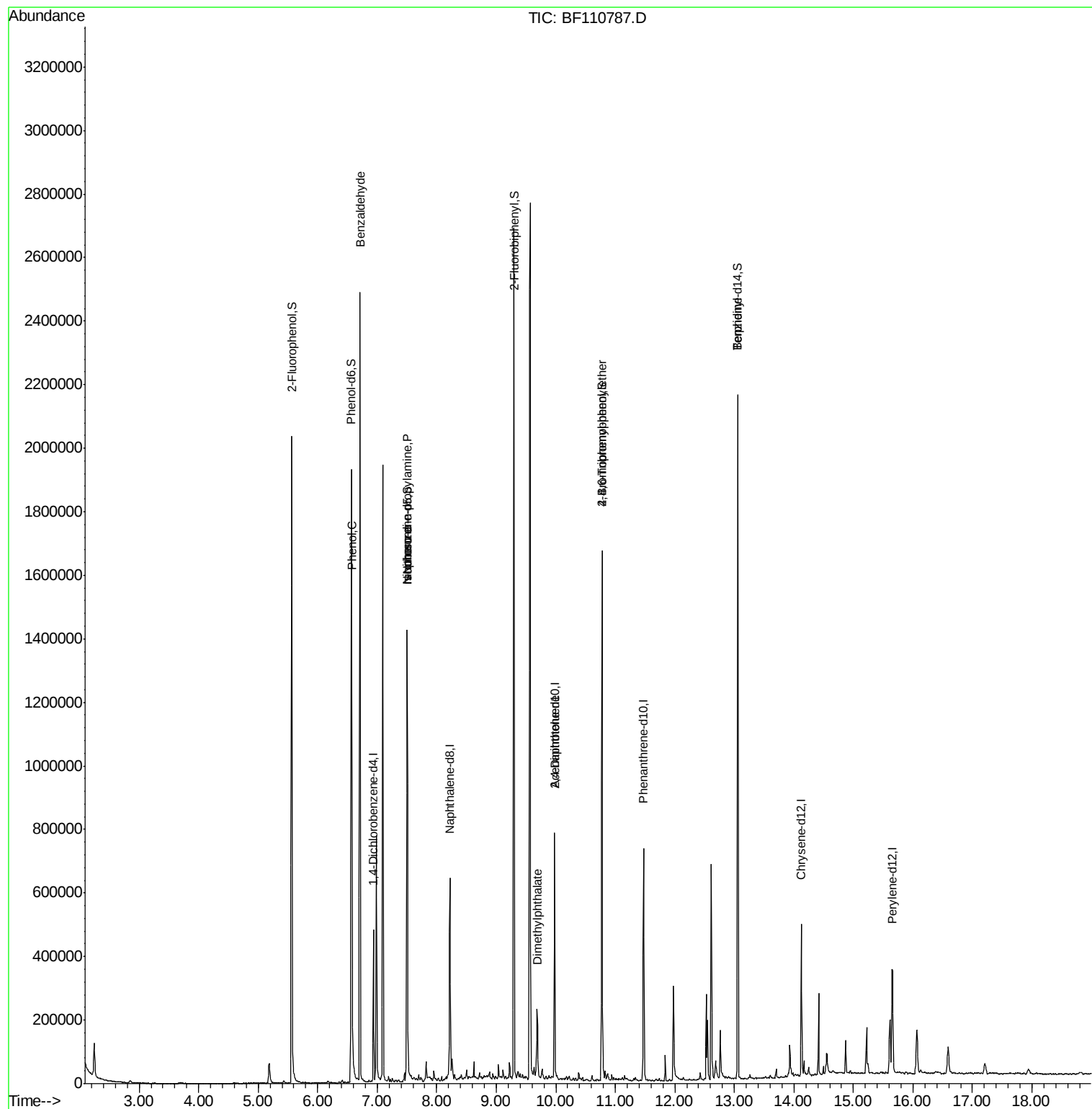
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	74572	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	301870	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	142636	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	266941	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	168621	20.00	ng	-0.01
87) Perylene-d12	15.65	264	170651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	600908	130.89	ng	0.00
7) Phenol-d6	6.57	99	768265	130.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	485001	92.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	190687	132.68	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	838701	83.98	ng	0.00
79) Terphenyl-d14	13.06	244	736887	81.84	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	14453	2.735	ng	80
10) Phenol	6.58	94	37804	5.553	ng	# 71
19) n-Nitroso-di-n-propylamine	7.50	70	64975	17.338	ng	# 80
25) Isophorone	7.50	82	484881	56.439	ng	# 67
50) Dimethylphthalate	9.69	163	82564	7.758	ng	98
57) 2,4-Dinitrotoluene	9.98	165	18532	6.088	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	12460	4.223	ng	# 1
77) Benzydine	13.06	184	10104	2.179	ng	96

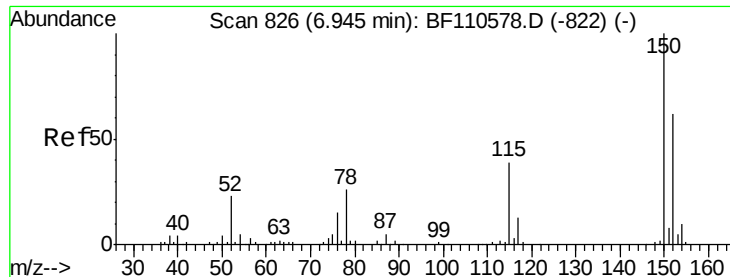
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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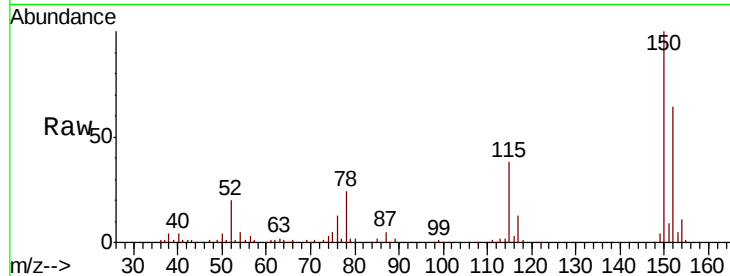


#1

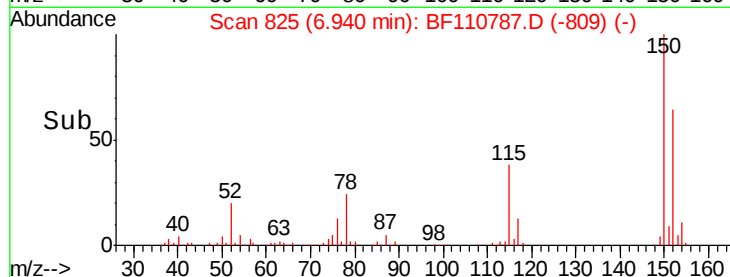
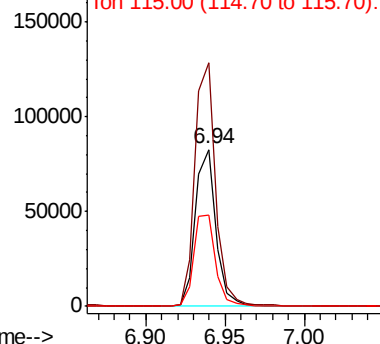
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 74572
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 58.6 49.1 73.7



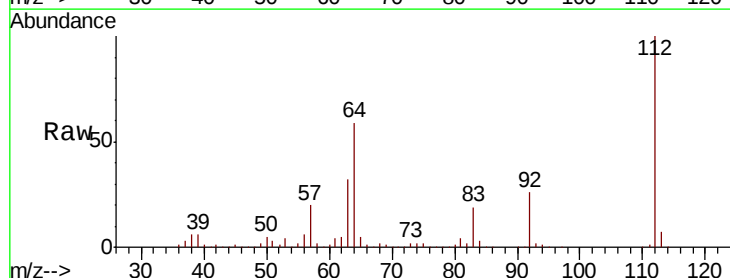
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



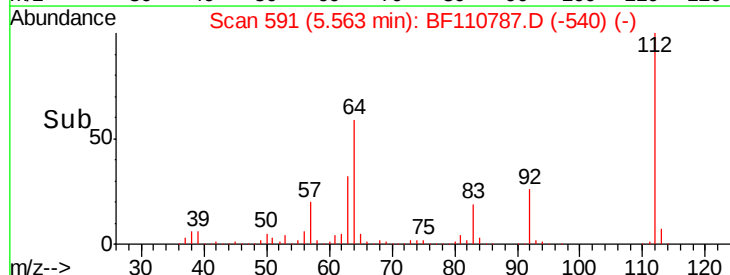
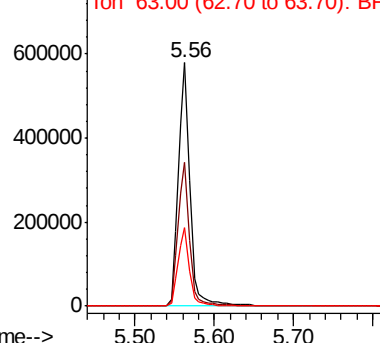
#5

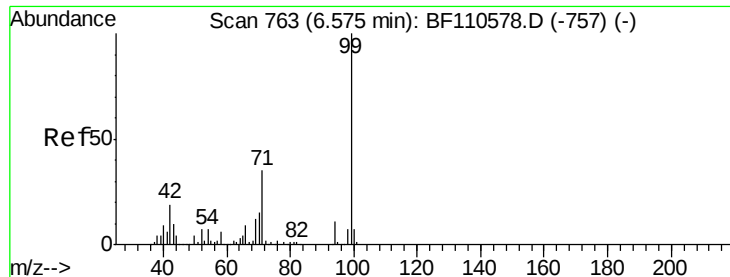
2-Fluorophenol
Concen: 130.889 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Tgt Ion:112 Resp: 600908
Ion Ratio Lower Upper
112 100
64 59.1 44.1 66.1
63 32.4 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: 130.863 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110787.D

Acq: 15 Nov 2018 14:43

Instrument :

BNA_N

ClientSampleId :

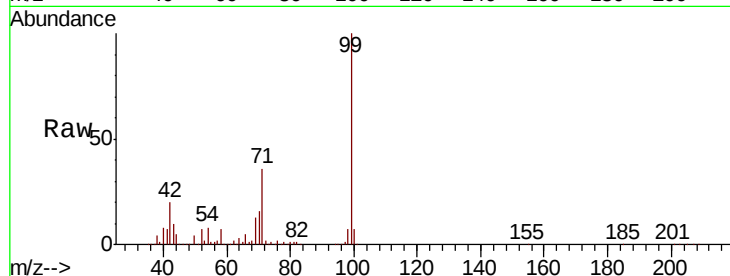
Tot Ion: 99 Resp: 768265

Ion Ratio Lower Upper

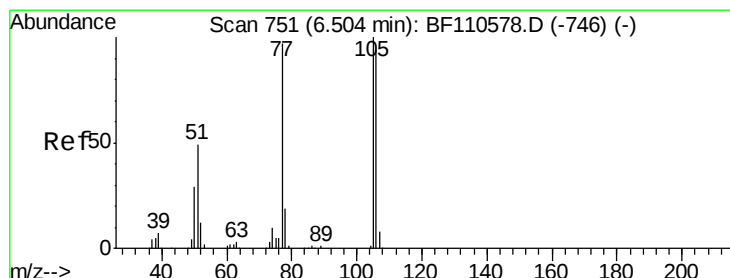
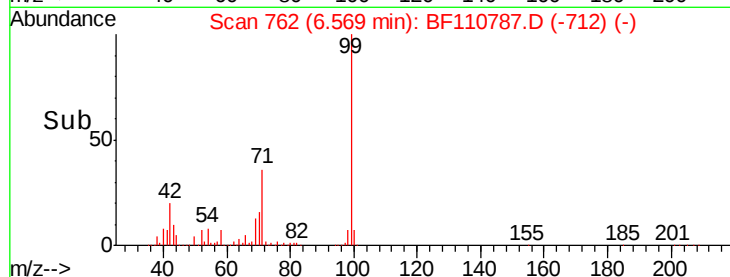
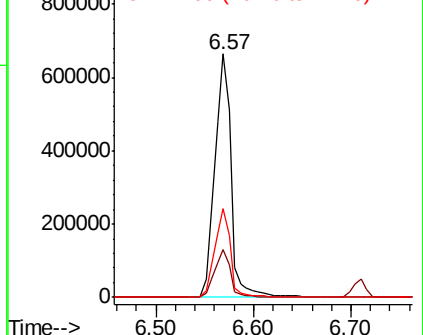
99 100

42 19.9 15.8 23.6

71 36.3 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: 2.735 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.21 min

Lab File: BF110787.D

Acq: 15 Nov 2018 14:43

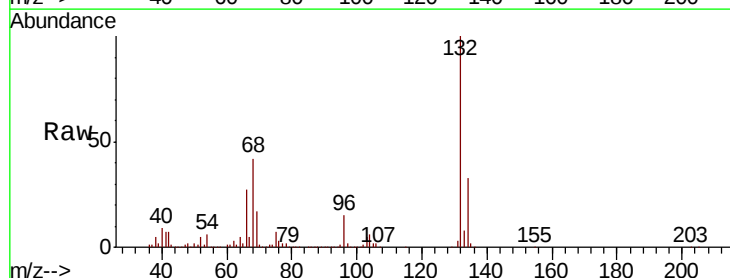
Tgt Ion: 77 Resp: 14453

Ion Ratio Lower Upper

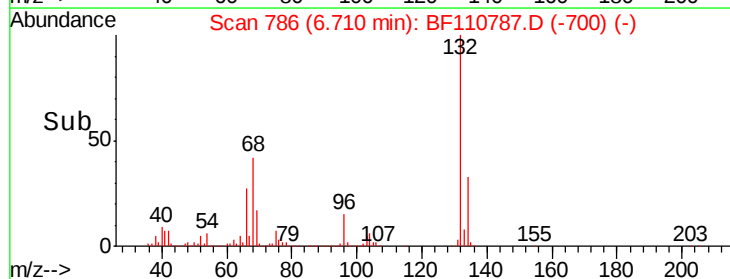
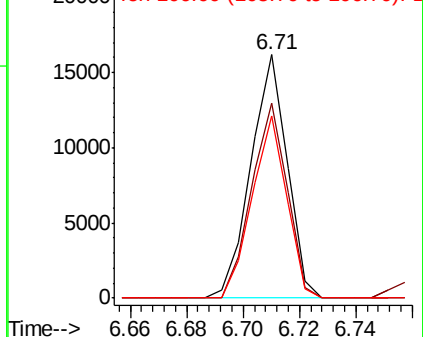
77 100

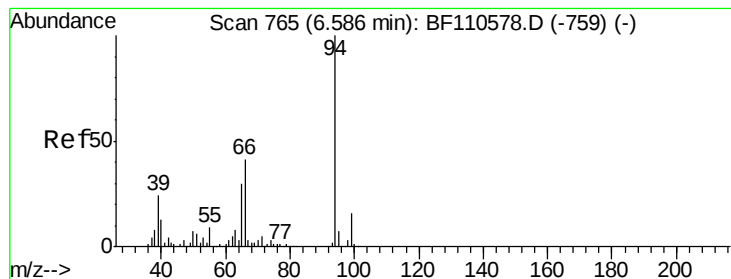
105 79.9 78.6 118.6

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: 5.553 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110787.D

Acq: 15 Nov 2018 14:43

Instrument :

BNA_N

ClientSampled :

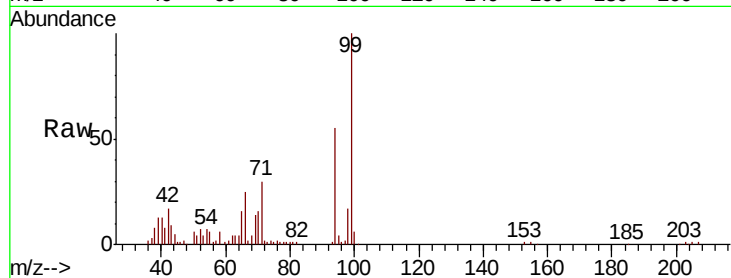
Tot Ion: 94 Resp: 37804

Ion Ratio Lower Upper

94 100

65 30.2 25.3 65.3

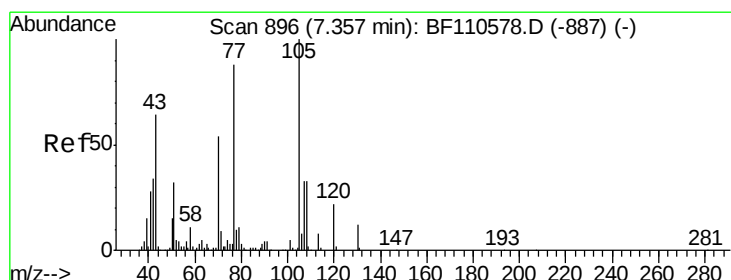
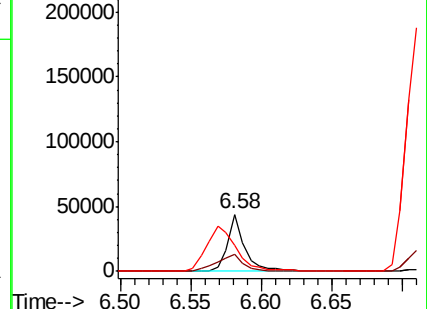
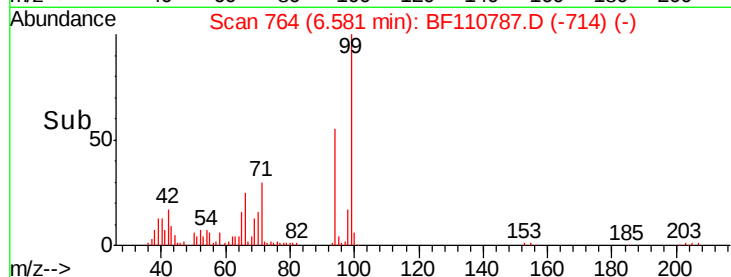
66 46.2 54.5 94.5#



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: 17.338 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110787.D

Acq: 15 Nov 2018 14:43

Tgt Ion: 70 Resp: 64975

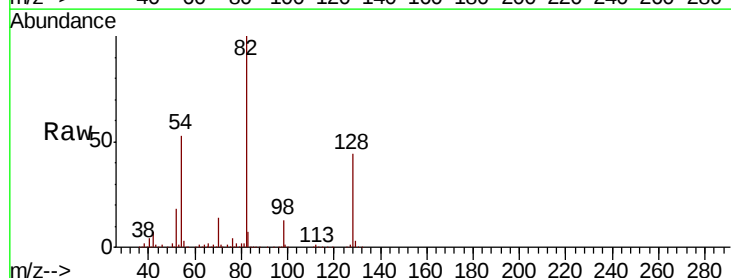
Ion Ratio Lower Upper

70 100

42 49.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

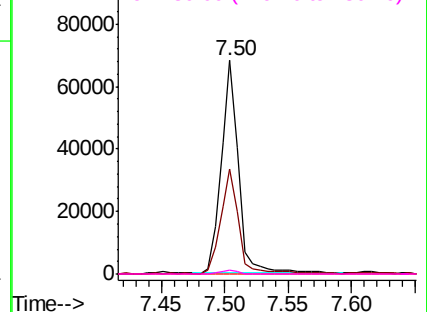
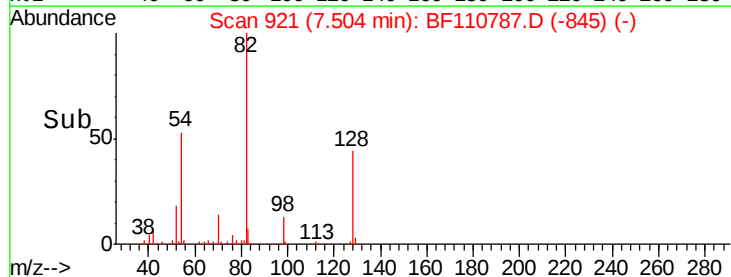


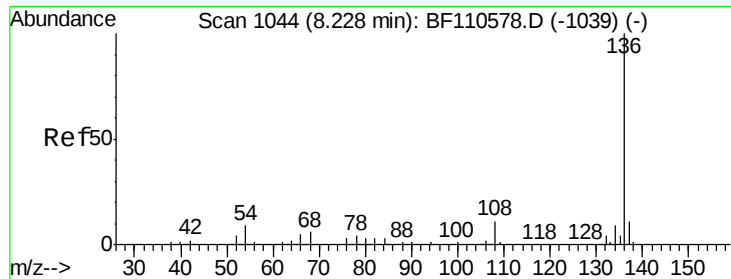
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

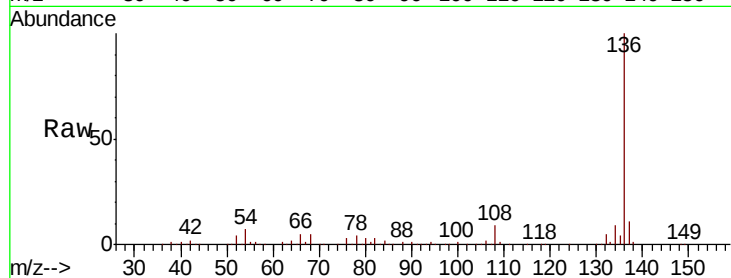




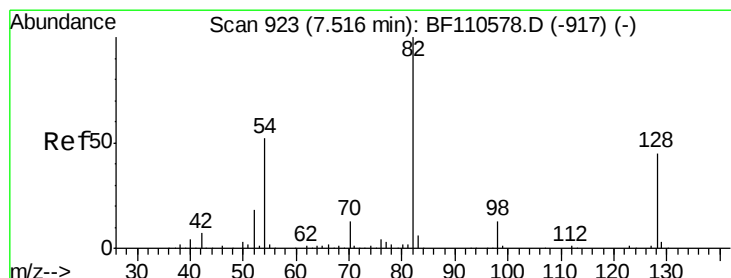
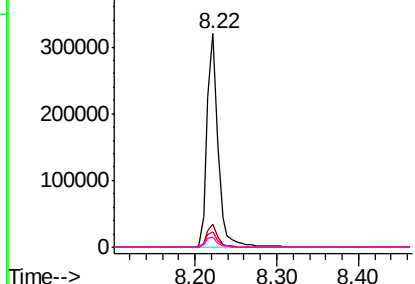
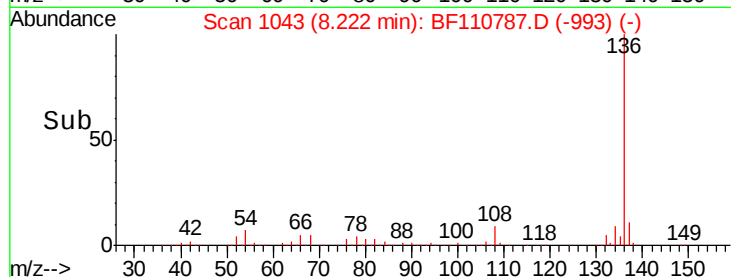
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:136	Resp:	301870
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.3	5.4	8.2
68 4.7	4.2	6.2

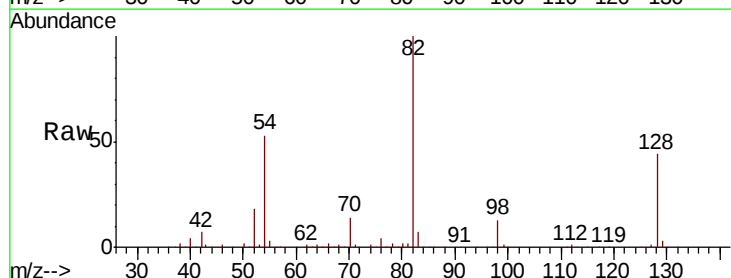


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

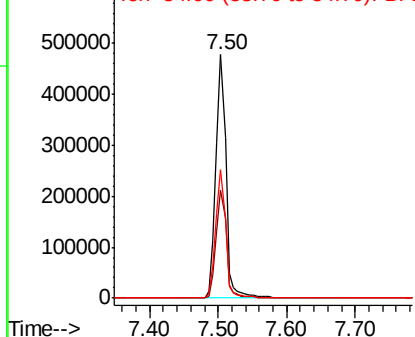
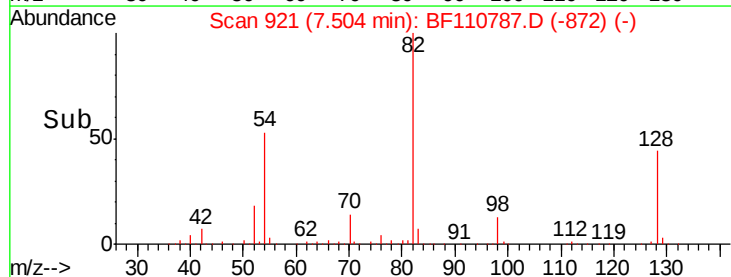


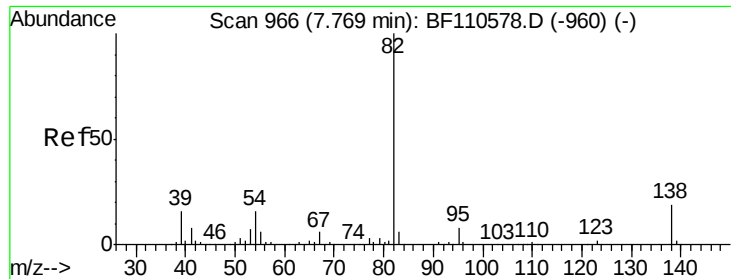
#23
Nitrobenzene-d5
Concen: 92.527 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Tgt Ion: 82	Resp: 485001
Ion Ratio	Lower Upper
82 100	
128 44.3	34.2 51.2
54 52.7	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: 56.439 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110787.D

Acq: 15 Nov 2018 14:43

Instrument :

BNA_N

ClientSampleId :

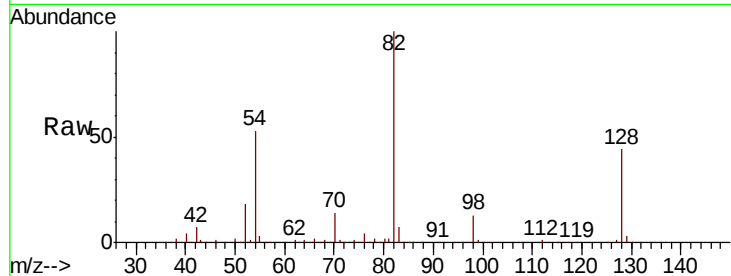
Tot Ion: 82 Resp: 484881

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

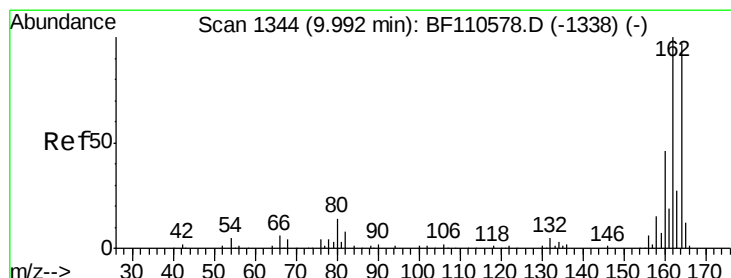
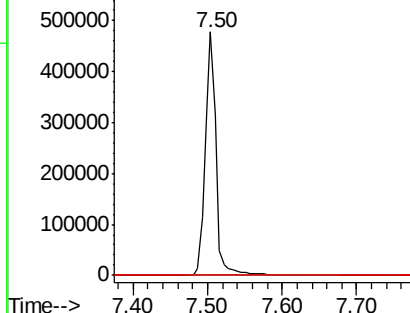
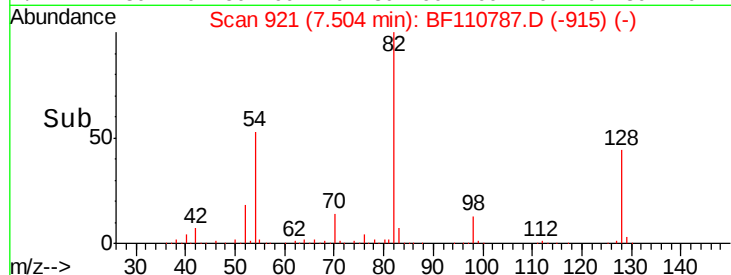
138 0.0 13.2 19.8#



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. -0.01 min

Lab File: BF110787.D

Acq: 15 Nov 2018 14:43

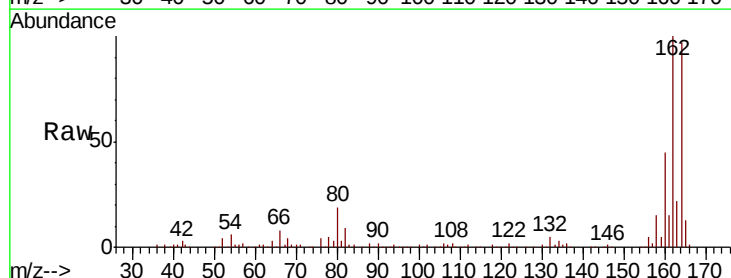
Tgt Ion: 164 Resp: 142636

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

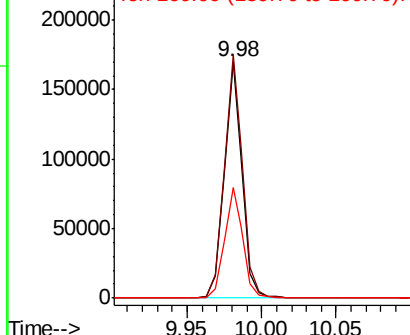
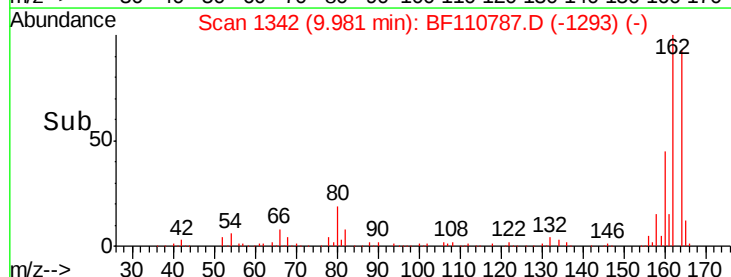
160 46.6 37.0 55.6

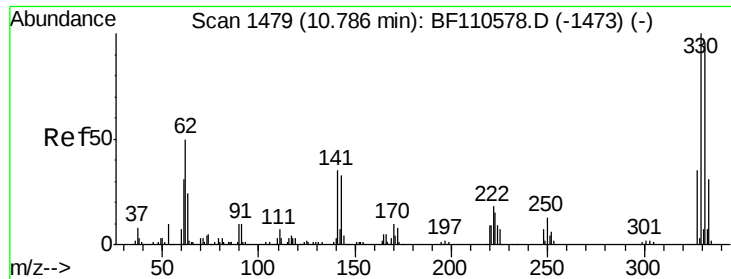


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

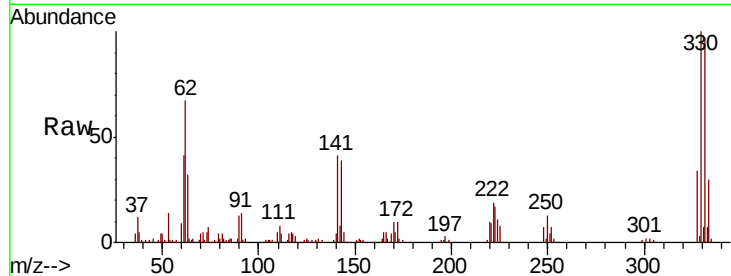




#42
 2,4,6-Tribromophenol
 Concen: 132.676 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110787.D
 Acq: 15 Nov 2018 14:43

Instrument :
 BNA_N
 ClientSampled :

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

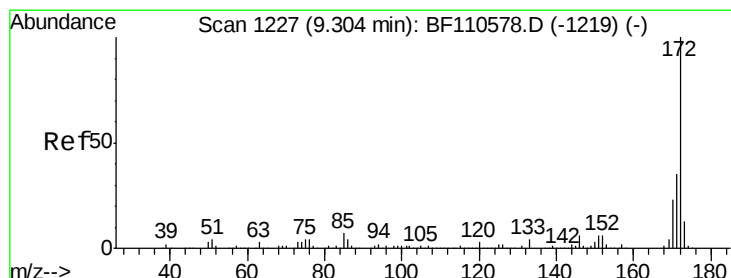
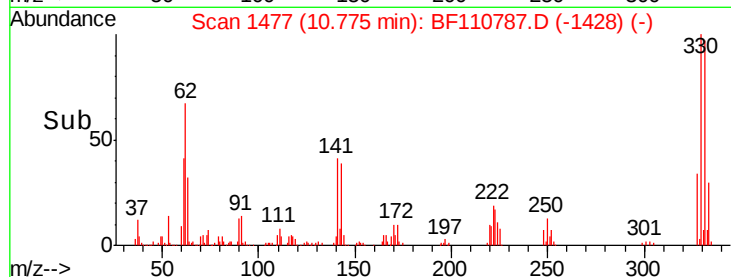
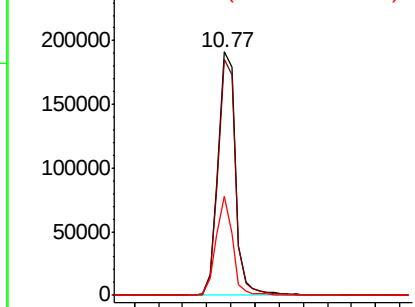


Abundance

Ion 329.80 (329.50 to 330.50): E

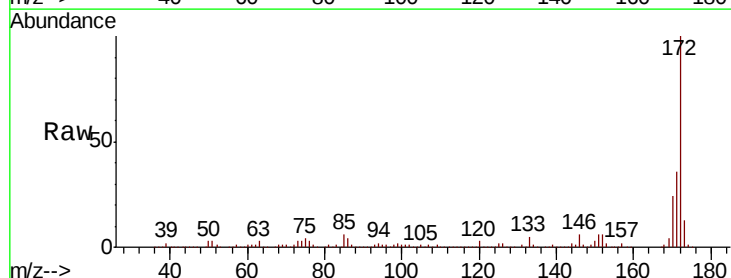
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.977 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110787.D
 Acq: 15 Nov 2018 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	19.7	29.5

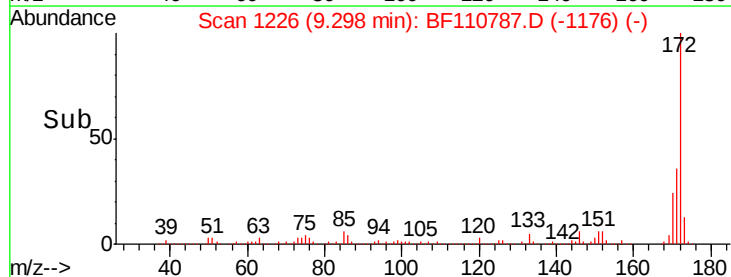
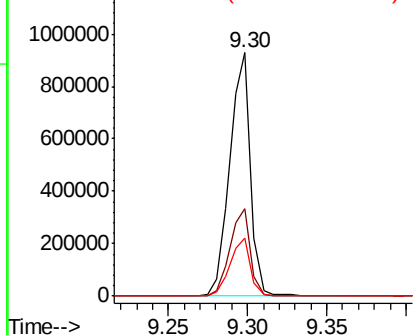


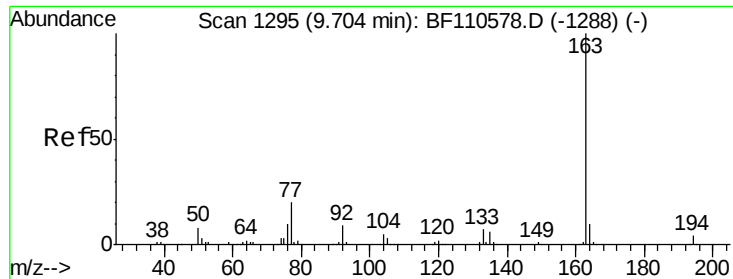
Abundance

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

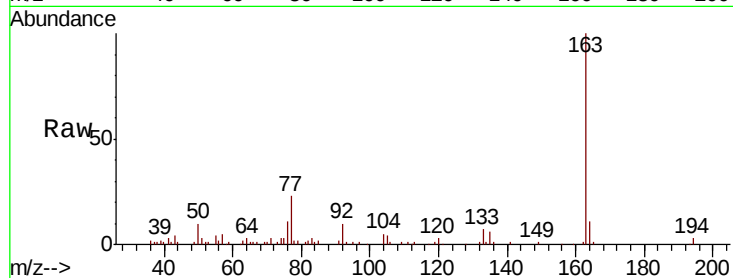




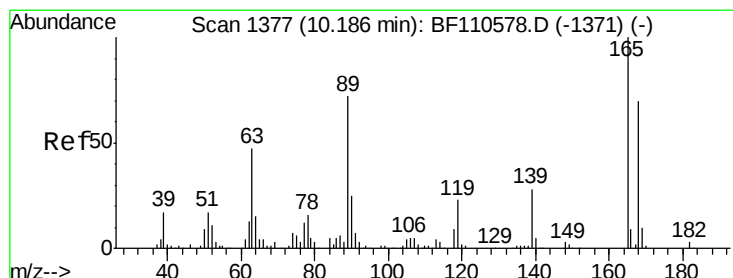
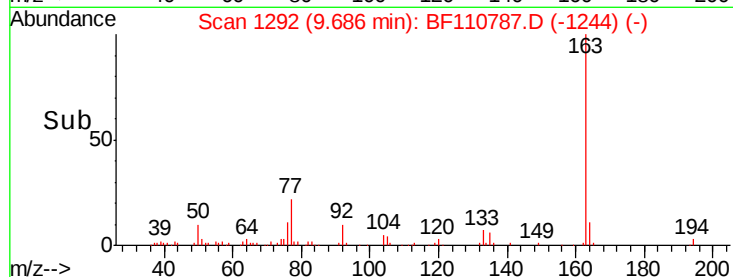
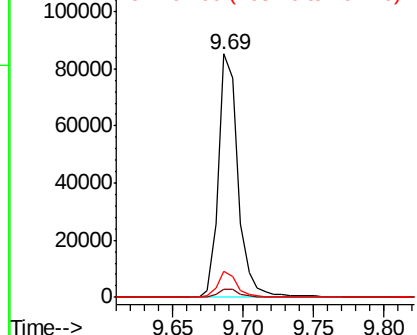
#50
Dimethylphthalate
Concen: 7.758 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 82564
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 10.9 8.1 12.1

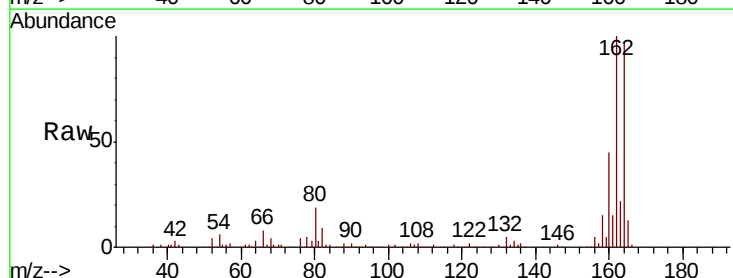


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

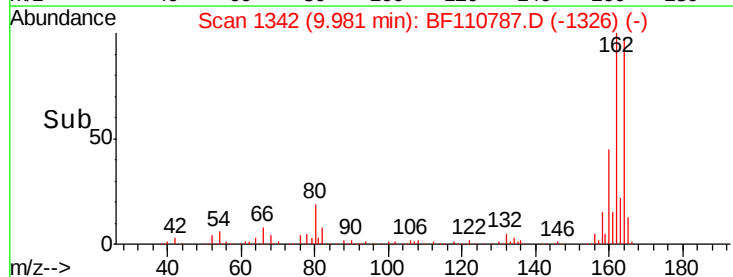
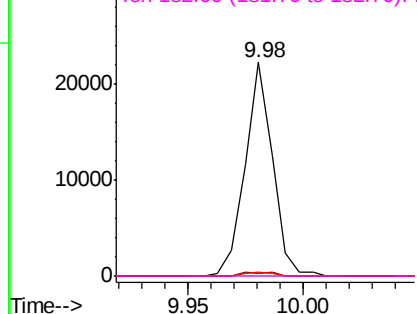


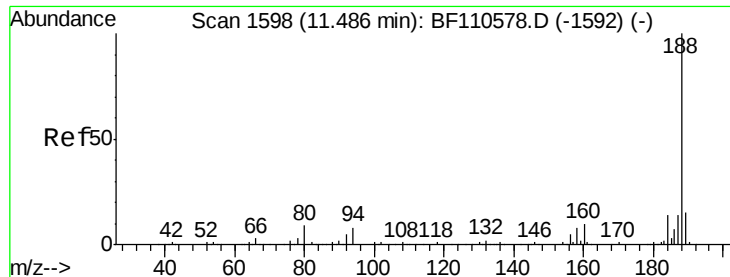
#57
2,4-Dinitrotoluene
Concen: 6.088 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Tgt Ion:165 Resp: 18532
Ion Ratio Lower Upper
165 100
63 1.5 44.8 67.2#
89 2.1 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

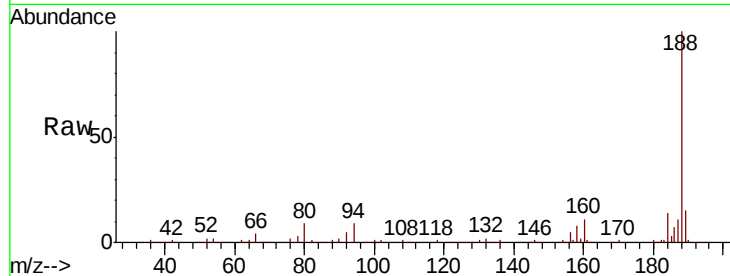




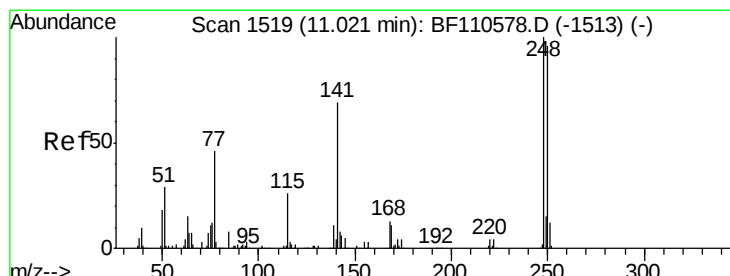
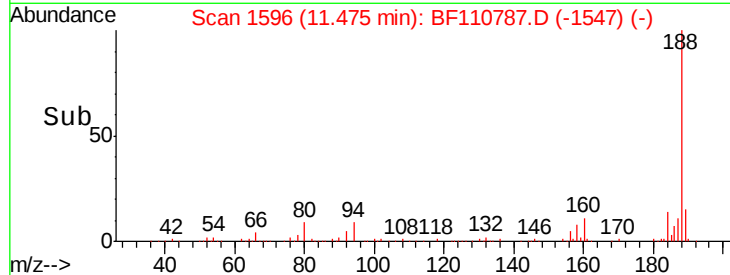
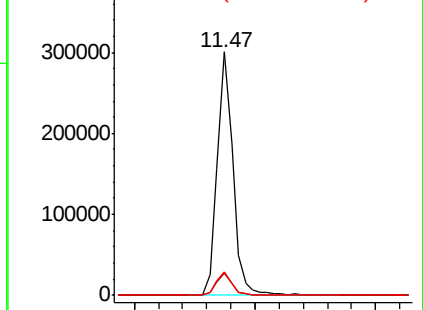
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110787.D
 Acq: 15 Nov 2018 14:43

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:188 Resp: 266941
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.5 7.9 11.9

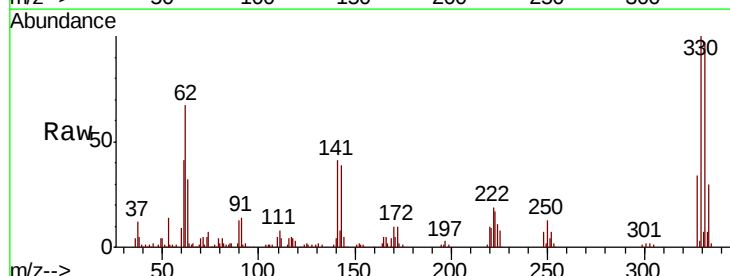


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

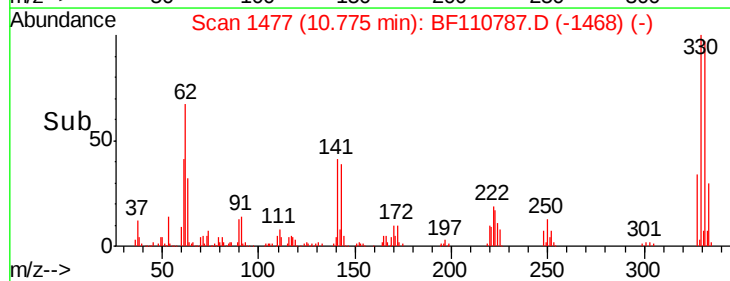
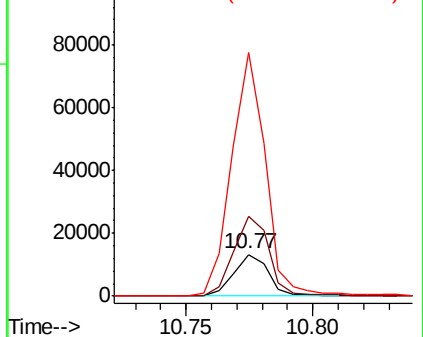


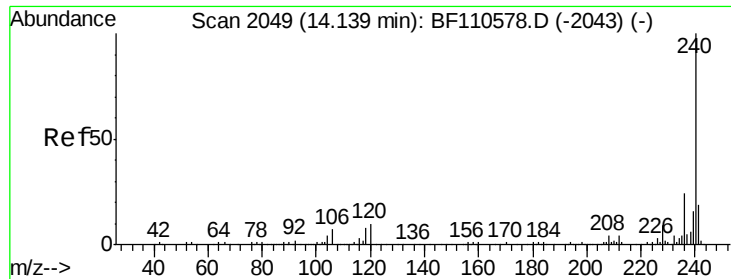
#67
 4-Bromophenyl-phenylether
 Concen: 4.223 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110787.D
 Acq: 15 Nov 2018 14:43

Tgt Ion:248 Resp: 12460
 Ion Ratio Lower Upper
 248 100
 250 190.7 79.4 119.2#
 141 586.5 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

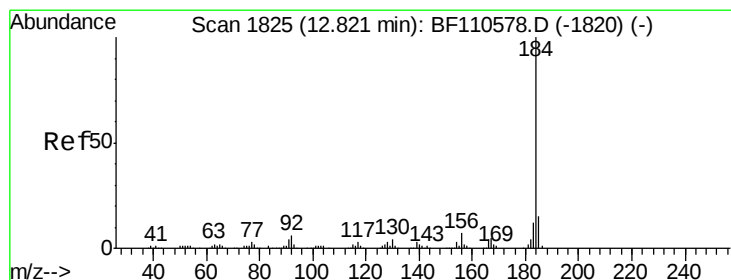
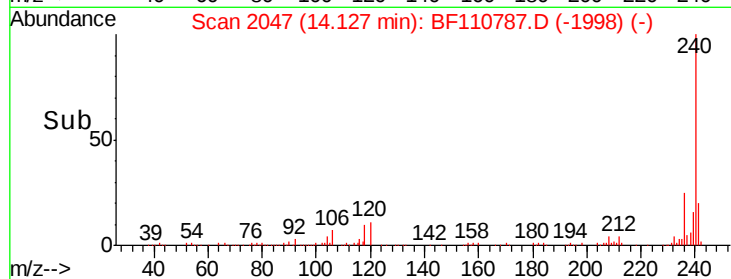
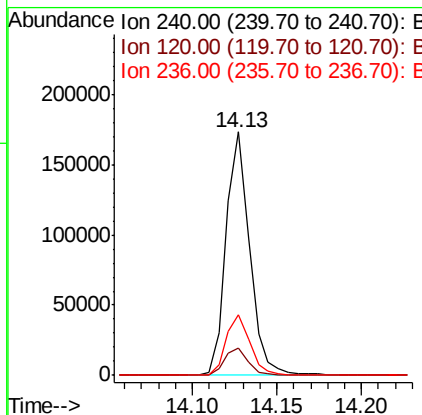
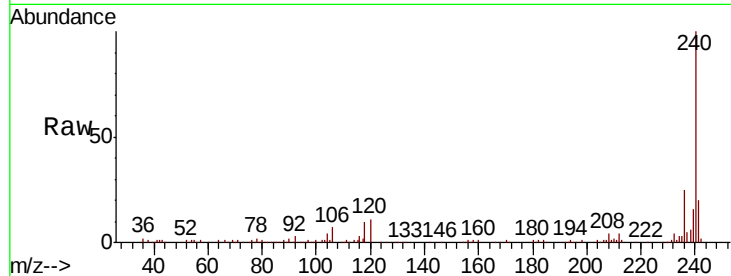




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

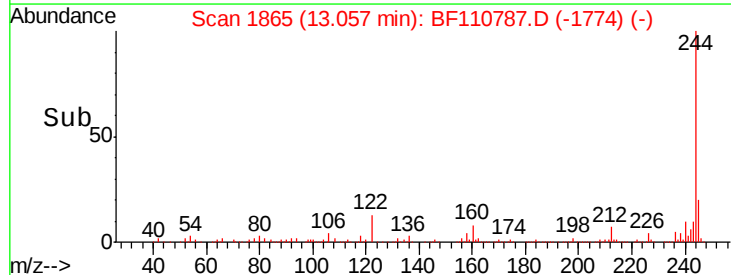
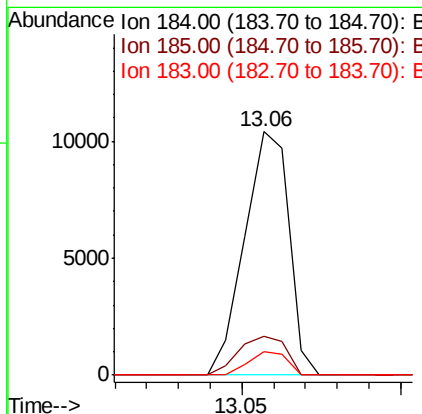
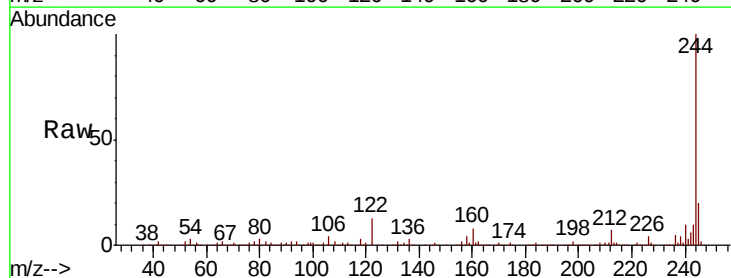
Instrument :
BNA_N
ClientSampleId :

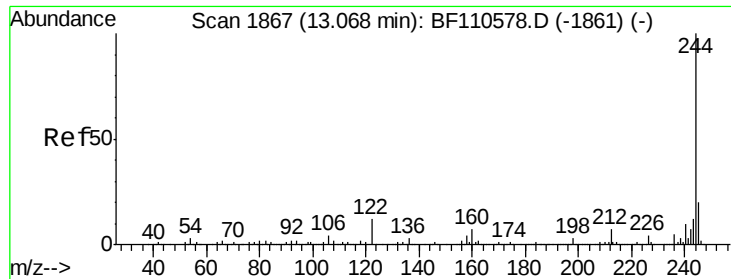
Tot Ion:240 Resp: 168621
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.0 21.2 31.8



#77
Benzidine
Concen: 2.179 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.24 min
Lab File: BF110787.D
Acq: 15 Nov 2018 14:43

Tgt Ion:184 Resp: 10104
Ion Ratio Lower Upper
184 100
185 15.9 13.4 20.2
183 9.5 9.4 14.2

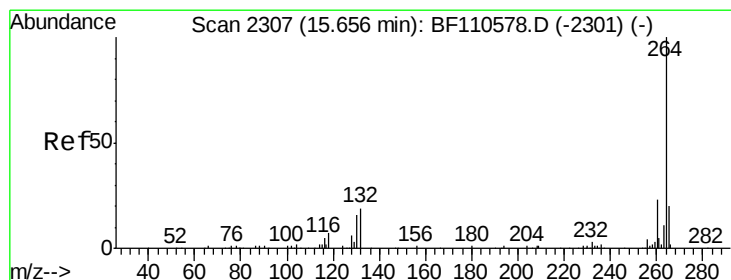
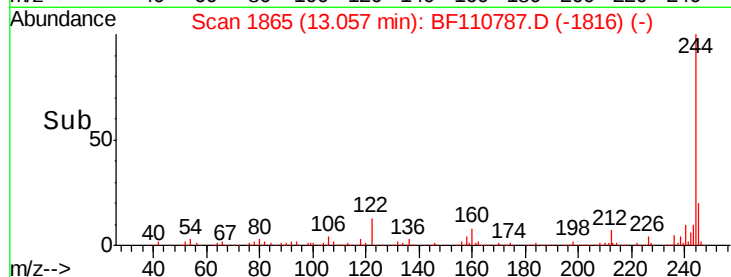
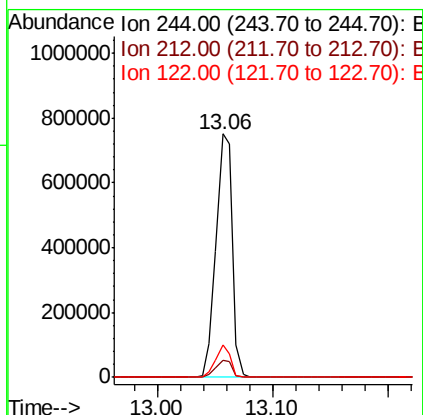
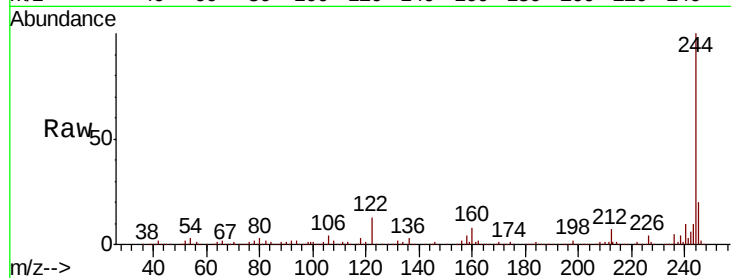




#79
 Terphenyl-d14
 Concen: 81.841 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110787.D
 Acq: 15 Nov 2018 14:43

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:244 Resp: 736887
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.3 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110787.D
 Acq: 15 Nov 2018 14:43

Tgt Ion:264 Resp: 170651
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 20.8 16.7 25.1

