

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110587.D
 Acq On : 8 Nov 2018 16:24
 Operator : JU/SJ
 Sample : J5839-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:41:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

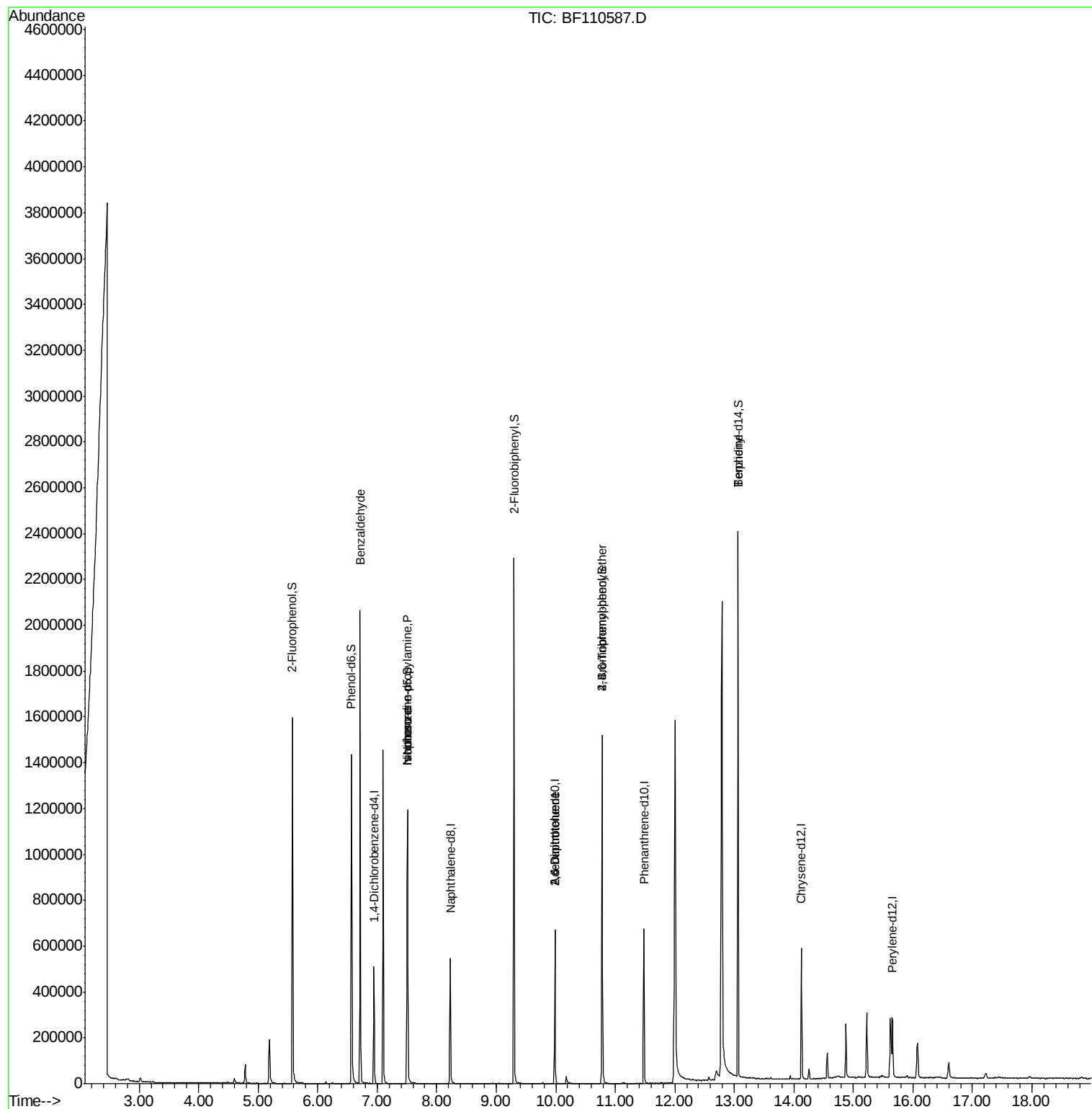
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67962	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	276261	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	134251	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	259631	20.00	ng	0.00
76) Chrysene-d12	14.13	240	186278	20.00	ng	-0.01
87) Perylene-d12	15.65	264	132996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	453082	108.29	ng	0.01
7) Phenol-d6	6.57	99	519131	97.03	ng	0.00
23) Nitrobenzene-d5	7.51	82	397979	82.96	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	169310	125.16	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	739929	78.71	ng	0.00
79) Terphenyl-d14	13.06	244	798661	80.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	12054	2.40	ng	82
19) n-Nitroso-di-n-propylamine	7.51	70	52424	15.35	ng	# 81
25) Isophorone	7.51	82	397975	50.62	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	16211	7.36	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	16211	5.66	ng	# 20
67) 4-Bromophenyl-phenylether	10.78	248	10570	3.68	ng	# 1
77) Benizidine	13.06	184	10912	2.13	ng	# 93

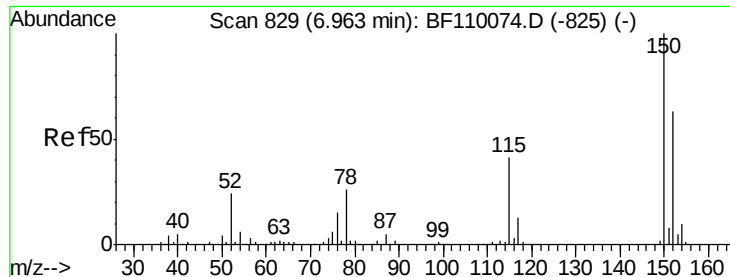
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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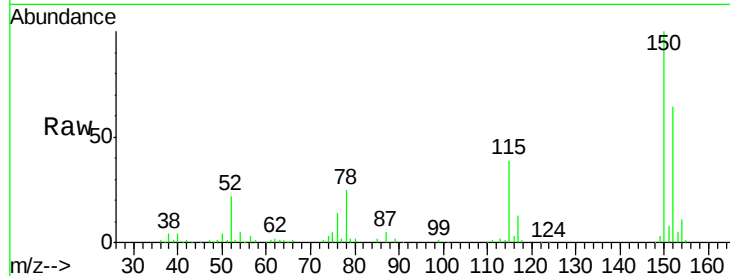


#1

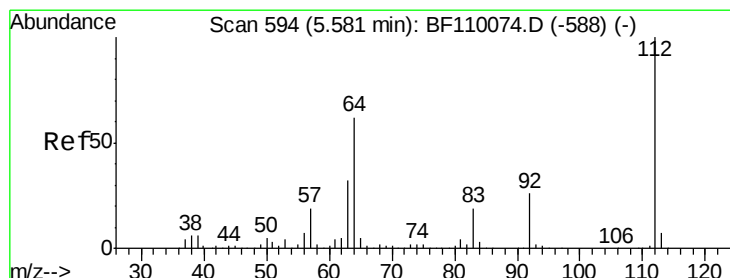
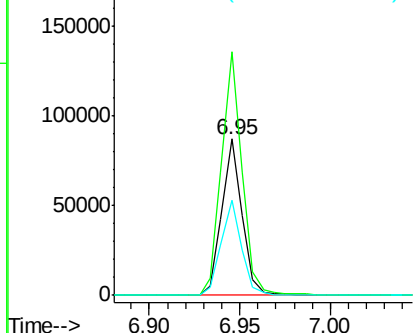
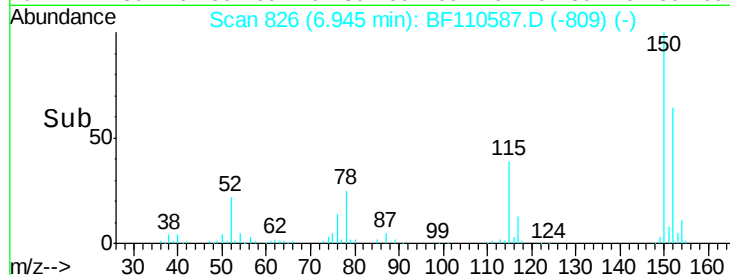
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67962
Ion Ratio Lower Upper
152 100
150 155.7 122.7 184.1
115 61.1 49.1 73.7



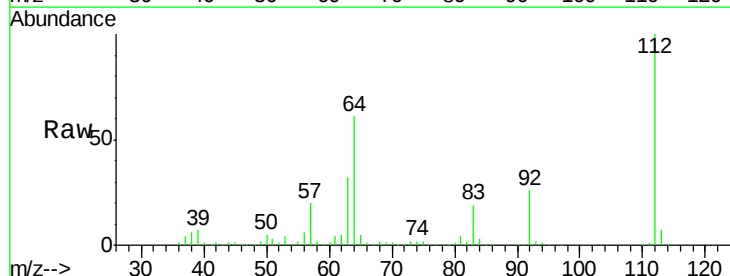
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



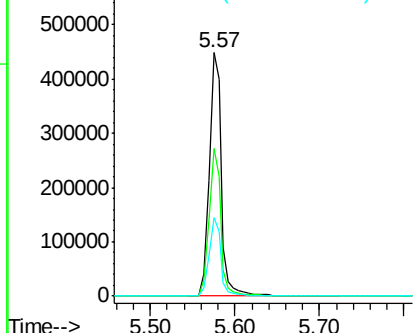
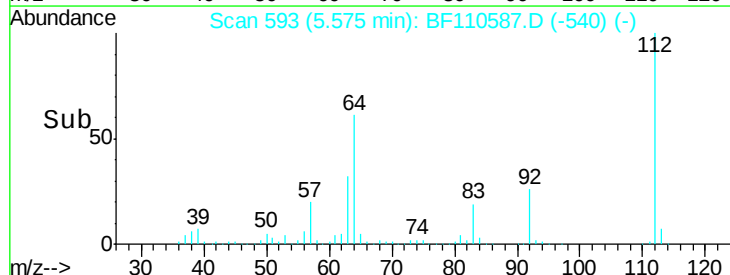
#5

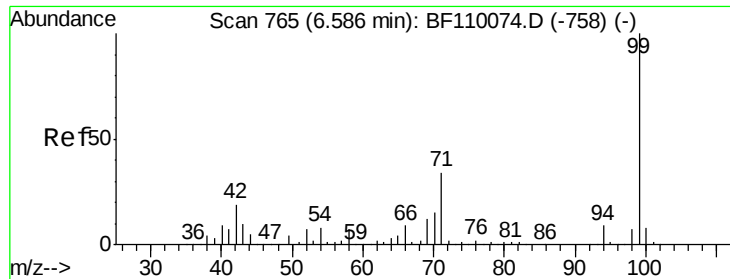
2-Fluorophenol
Concen: 108.29 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:112 Resp: 453082
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 32.5 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: 97.03 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110587.D

Acq: 8 Nov 2018 16:24

Instrument :

BNA_F

ClientSampleId :

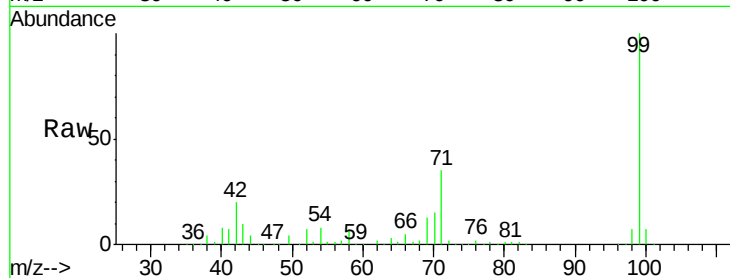
Tot Ion: 99 Resp: 519131

Ion Ratio Lower Upper

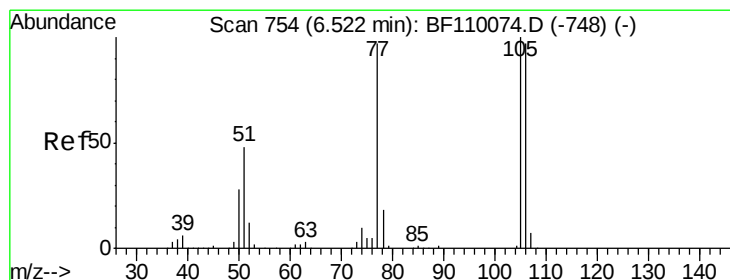
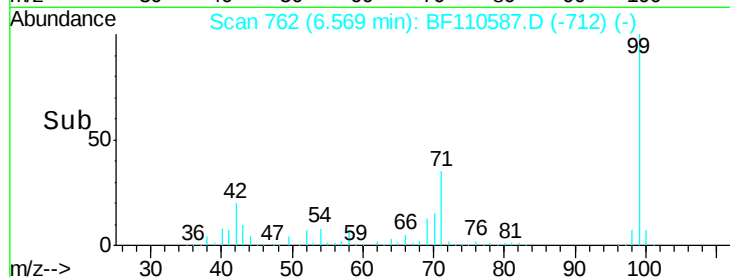
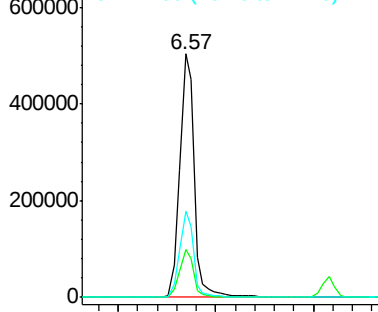
99 100

42 19.8 15.8 23.6

71 35.5 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



#9

Benzaldehyde

Concen: 2.40 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.21 min

Lab File: BF110587.D

Acq: 8 Nov 2018 16:24

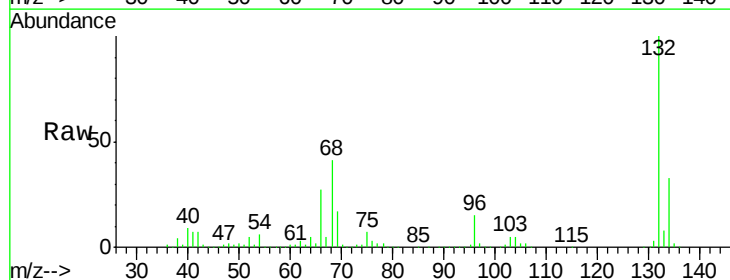
Tgt Ion: 77 Resp: 12054

Ion Ratio Lower Upper

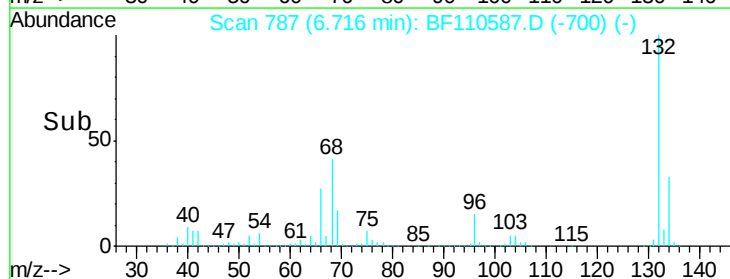
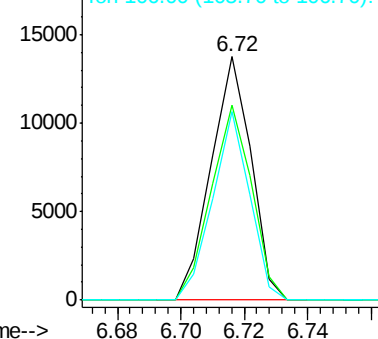
77 100

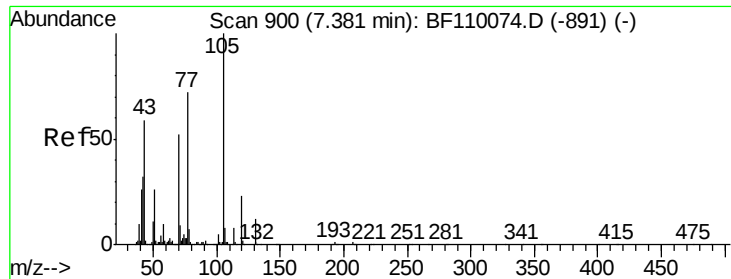
105 80.3 78.6 118.6

106 77.4 74.8 114.8



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

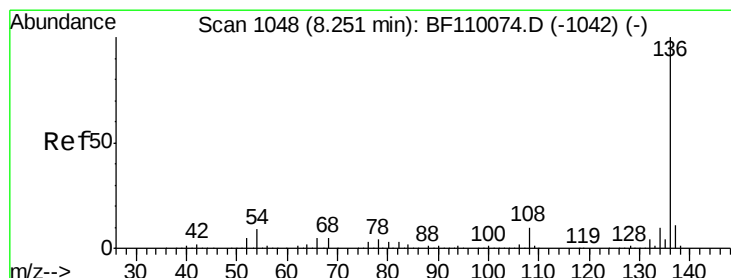
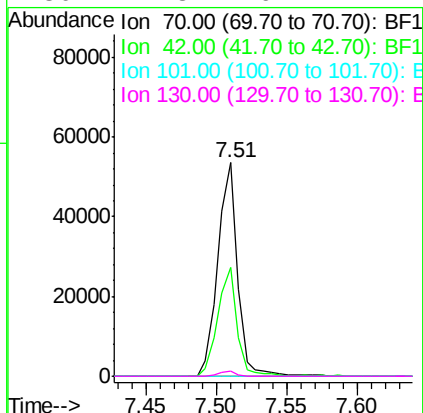
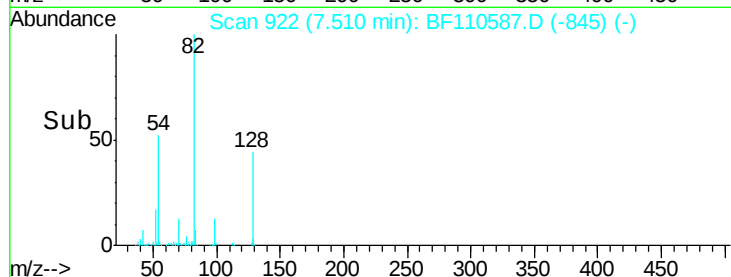
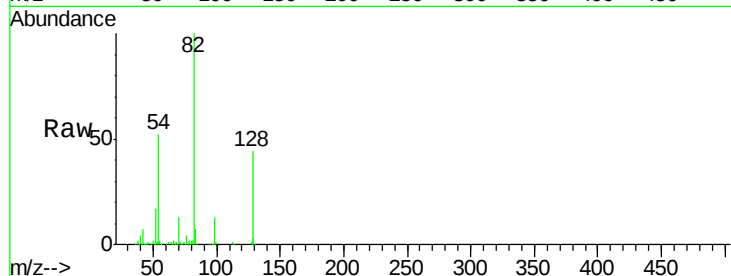




#19
n-Nitroso-di-n-propylamine
Concen: 15.35 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

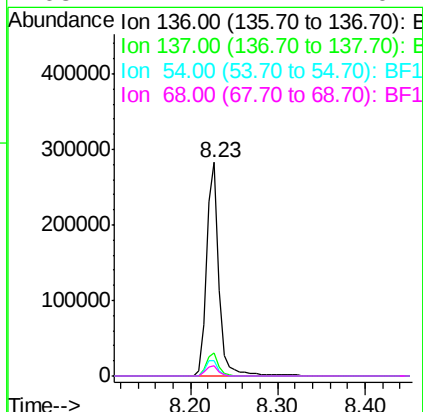
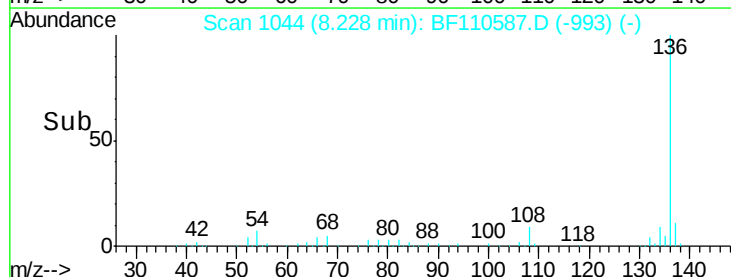
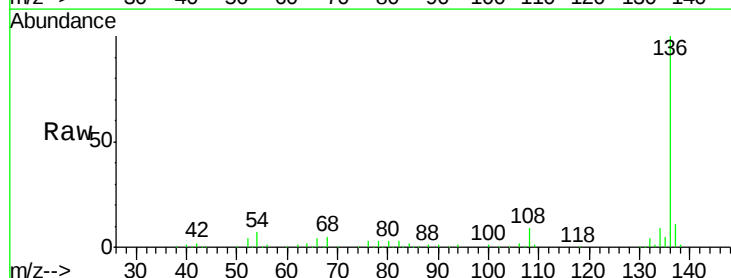
Instrument :
BNA_F
ClientSampleId :

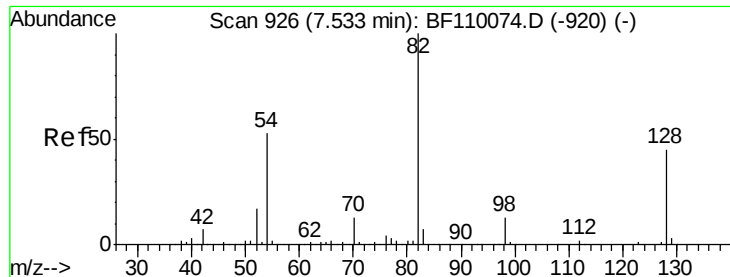
Tot Ion: 70 Resp: 52424
Ion Ratio Lower Upper
70 100
42 50.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion: 136 Resp: 276261
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 5.4 8.2
68 4.7 4.2 6.2

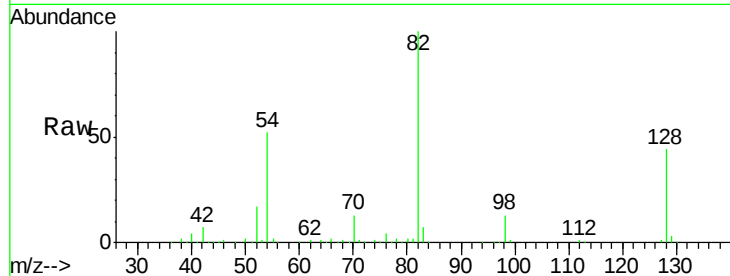




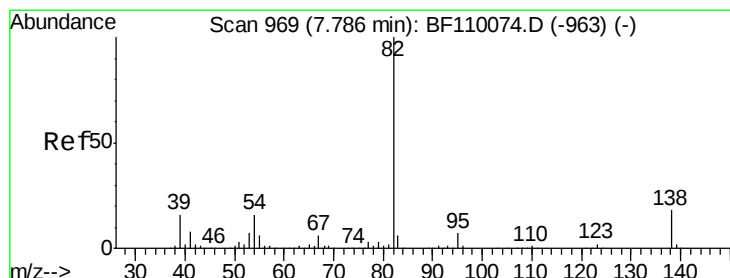
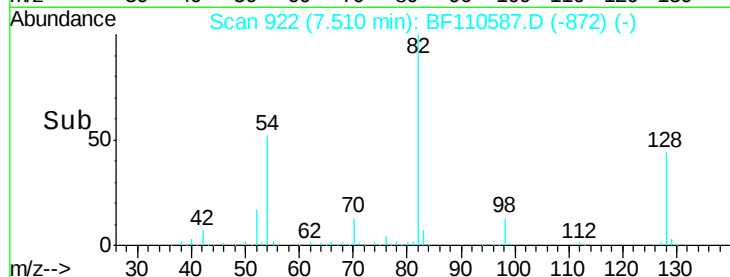
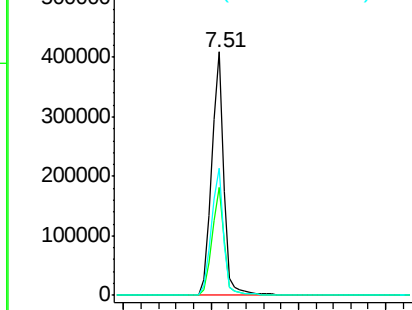
#23
Nitrobenzene-d5
Concen: 82.96 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 397979
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.2
54 52.1 38.6 58.0

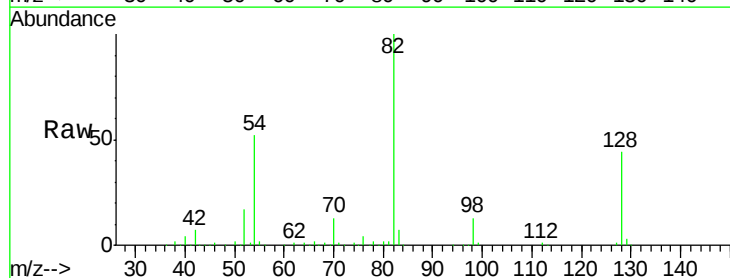


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

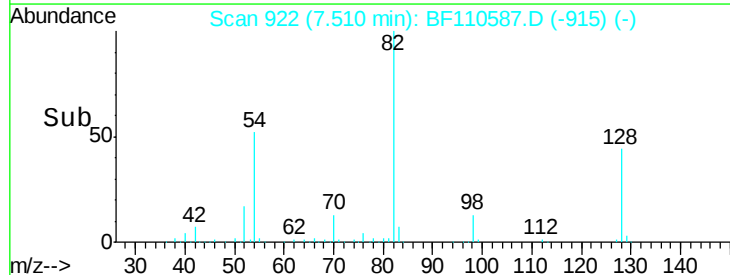
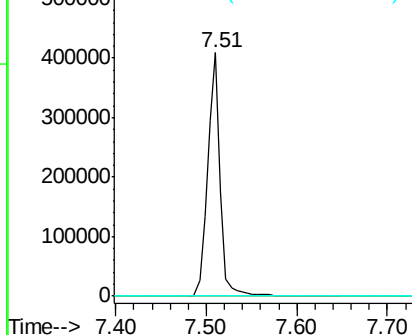


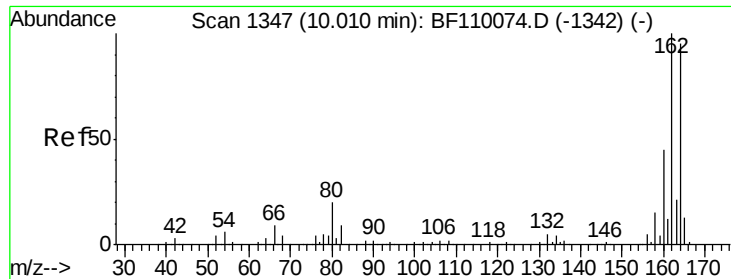
#25
Isophorone
Concen: 50.62 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion: 82 Resp: 397975
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: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110587.D

Acq: 8 Nov 2018 16:24

Instrument :

BNA_F

ClientSampleId :

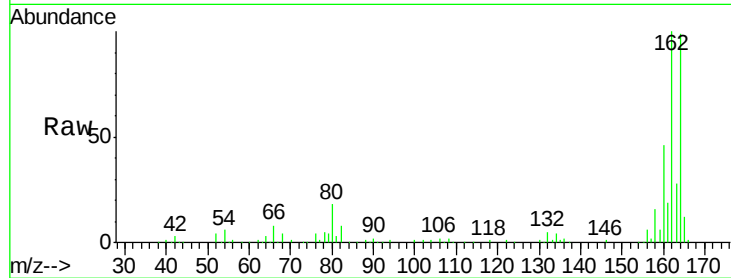
Tot Ion:164 Resp: 134251

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.6

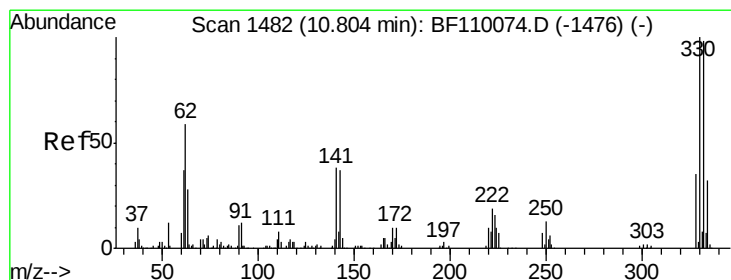
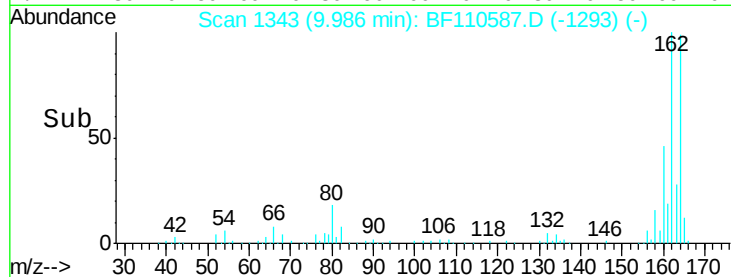
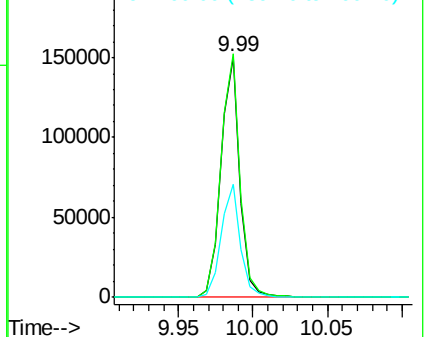
160 46.9 37.0 55.6



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: 125.16 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110587.D

Acq: 8 Nov 2018 16:24

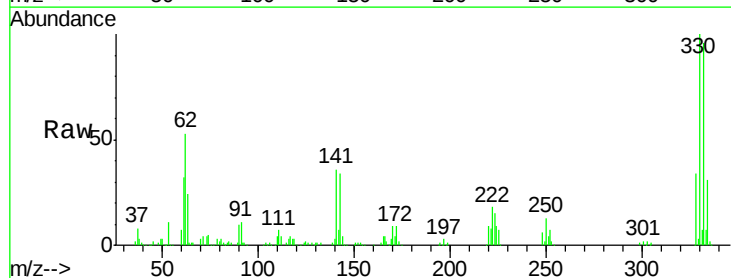
Tgt Ion:330 Resp: 169310

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

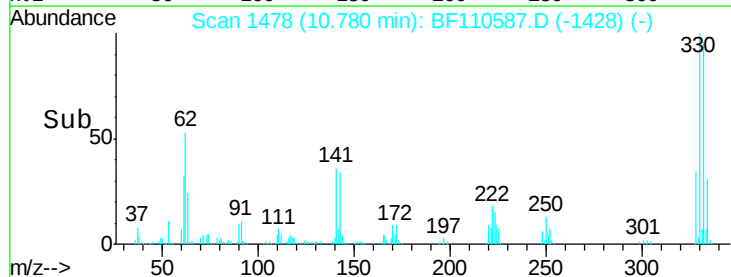
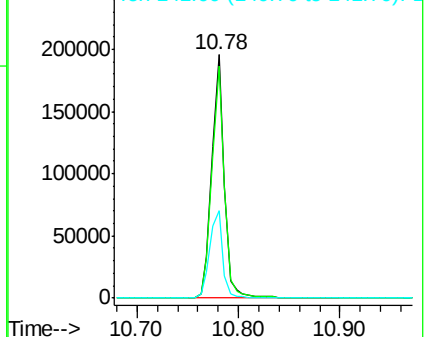
141 37.5 27.0 40.4

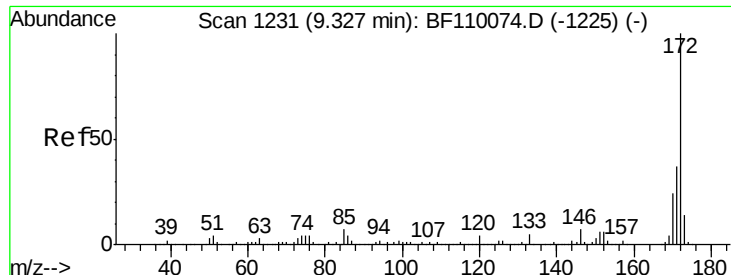


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

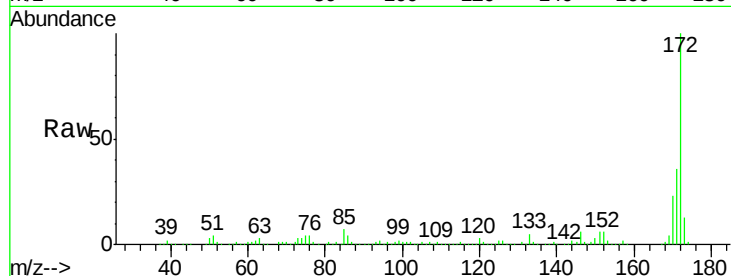




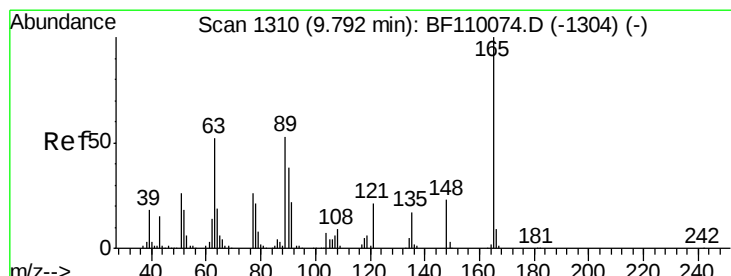
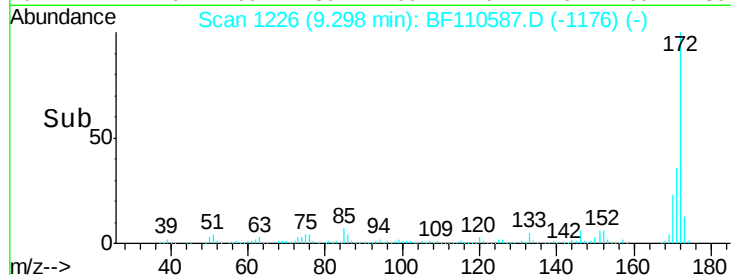
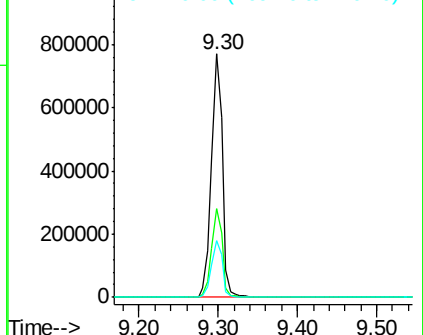
#45
 2-Fluorobiphenyl
 Concen: 78.71 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110587.D
 Acq: 8 Nov 2018 16:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.4	19.7	29.5

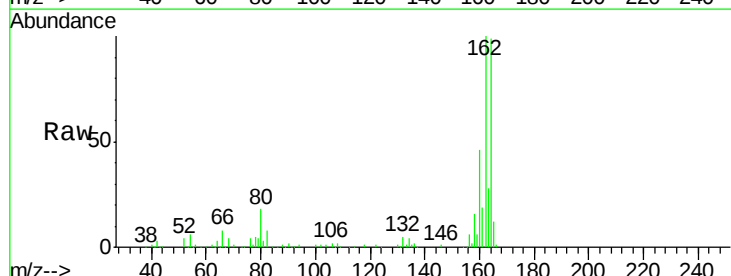


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

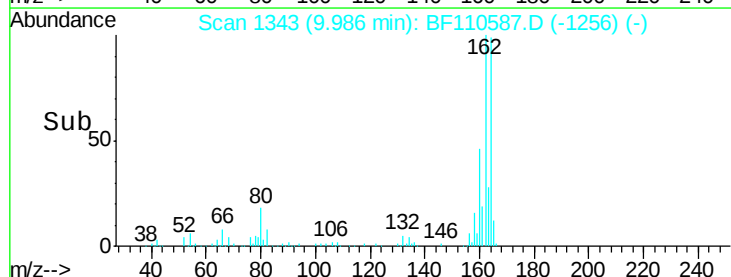
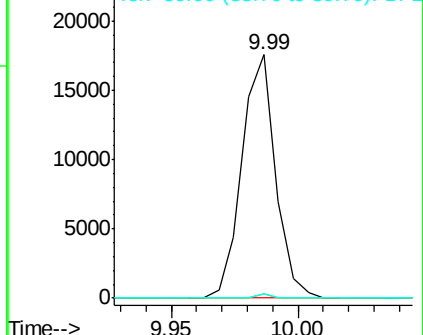


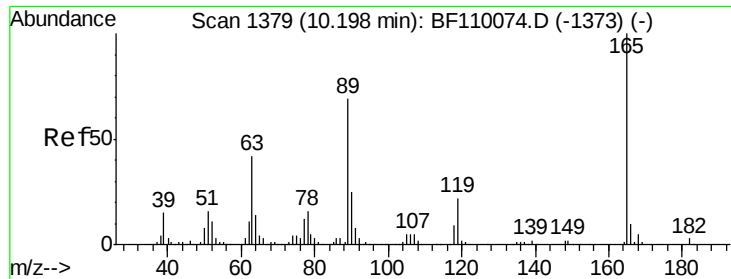
#51
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110587.D
 Acq: 8 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.9	73.3#
89	1.9	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

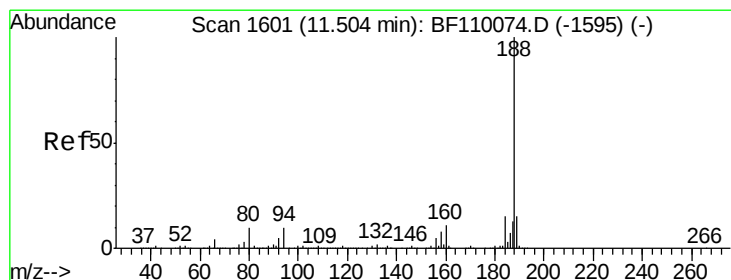
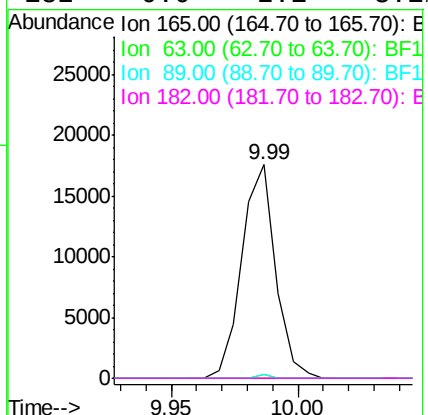
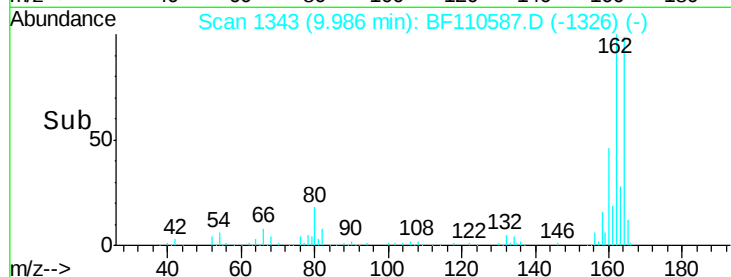
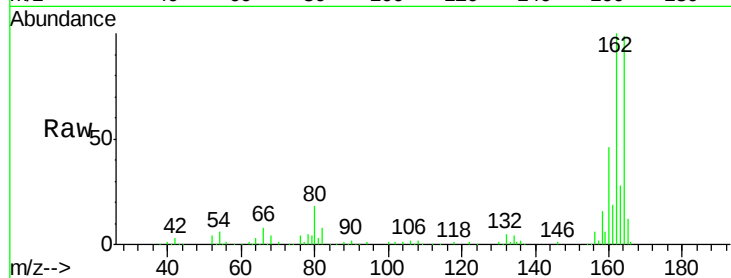




#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

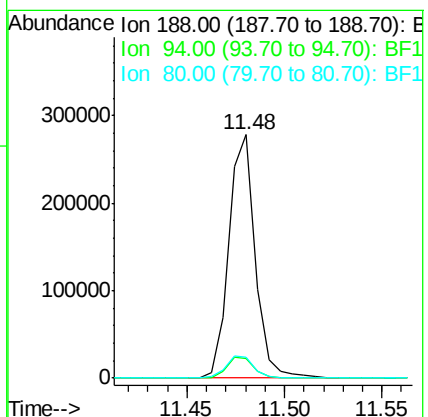
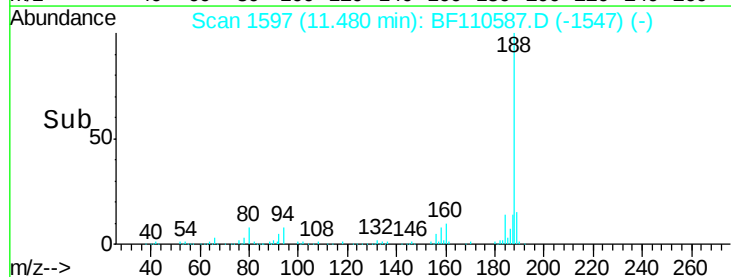
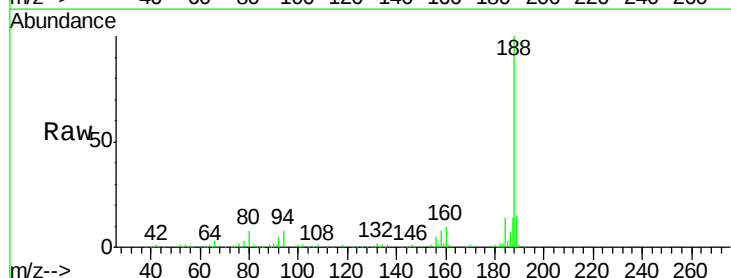
Instrument :
BNA_F
ClientSampleId :

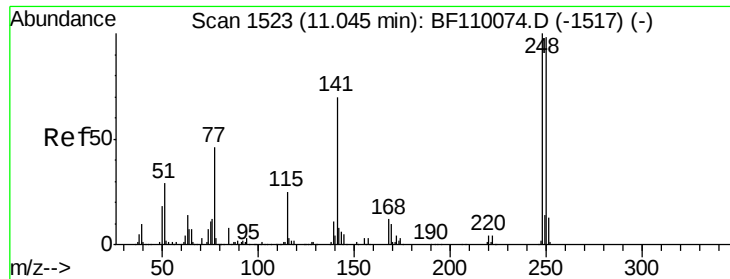
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.3	7.9	11.9

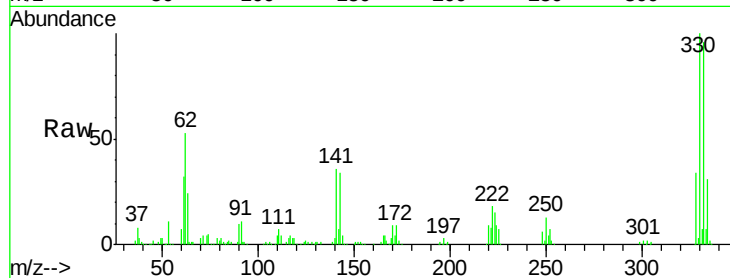




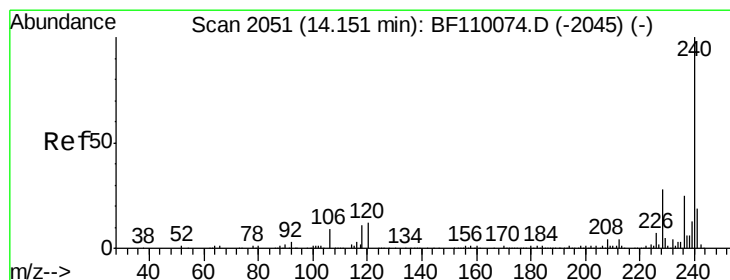
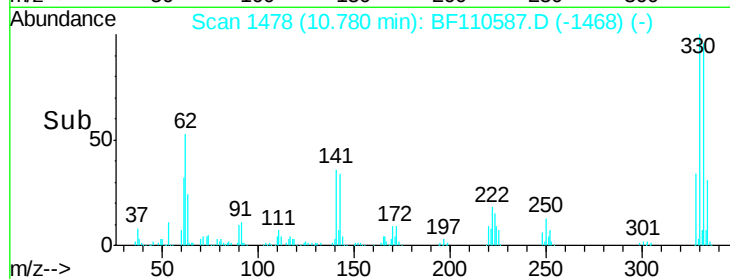
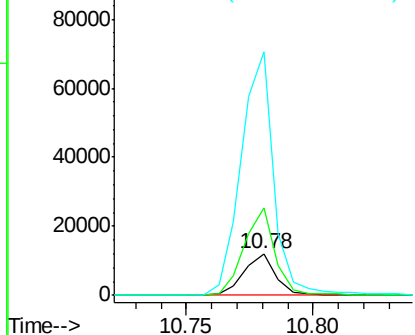
#67
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10570
Ion Ratio Lower Upper
248 100
250 207.5 79.4 119.2#
141 580.6 55.9 83.9#

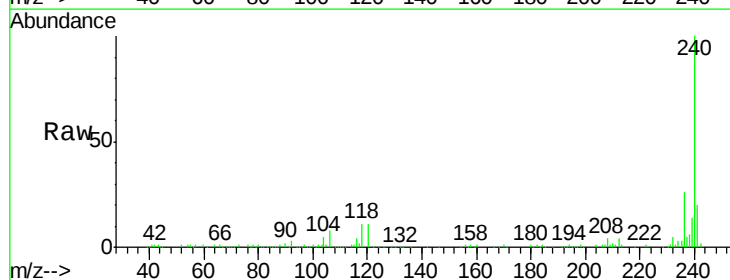


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

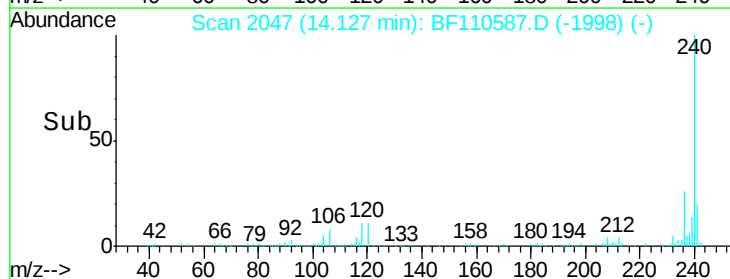
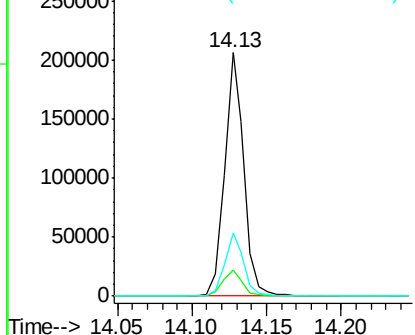


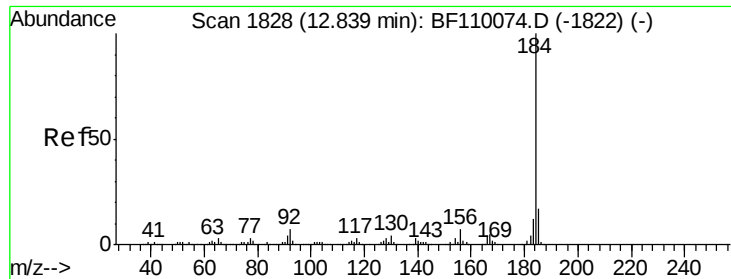
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110587.D
Acq: 8 Nov 2018 16:24

Tgt Ion:240 Resp: 186278
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 26.0 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: 2.13 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110587.D

Acq: 8 Nov 2018 16:24

Instrument :

BNA_F

ClientSampleId :

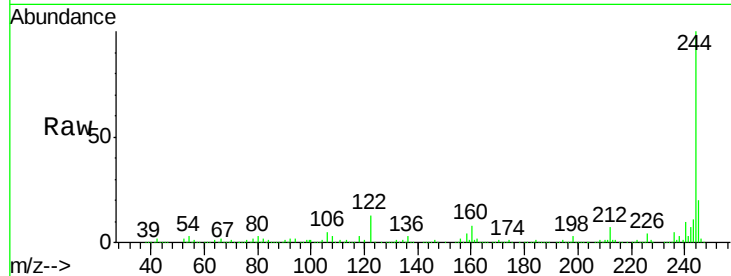
Tot Ion:184 Resp: 10912

Ion Ratio Lower Upper

184 100

185 19.8 13.4 20.2

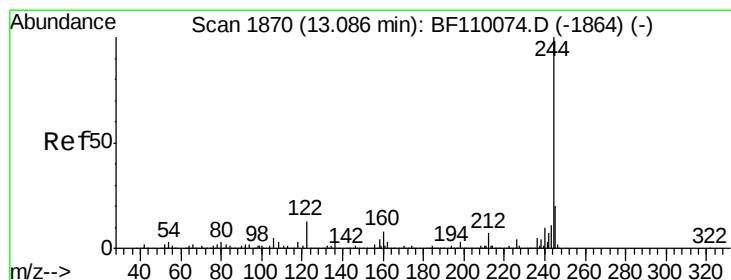
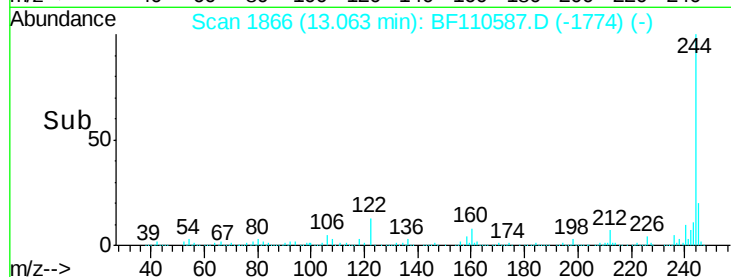
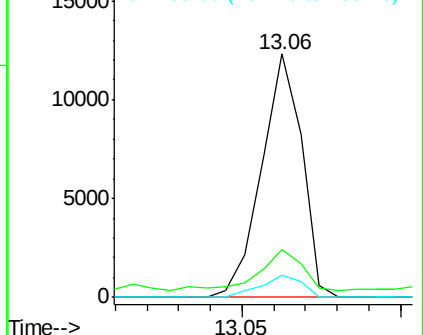
183 9.0 9.4 14.2#



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: 80.29 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110587.D

Acq: 8 Nov 2018 16:24

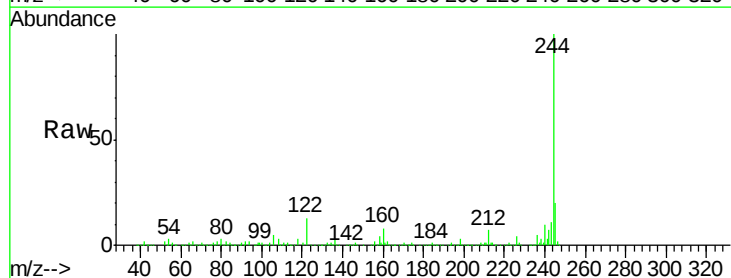
Tgt Ion:244 Resp: 798661

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

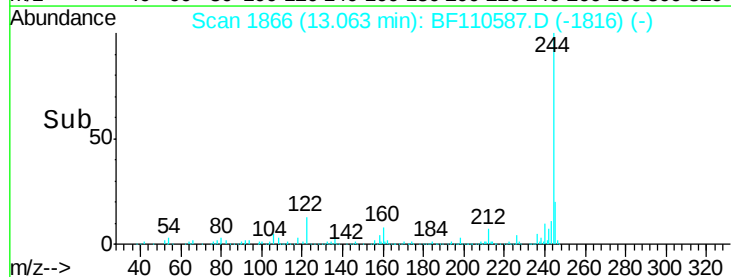
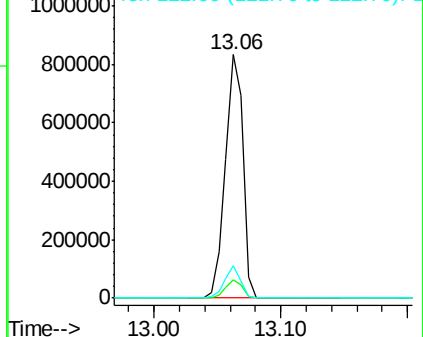
122 13.5 8.7 13.1#

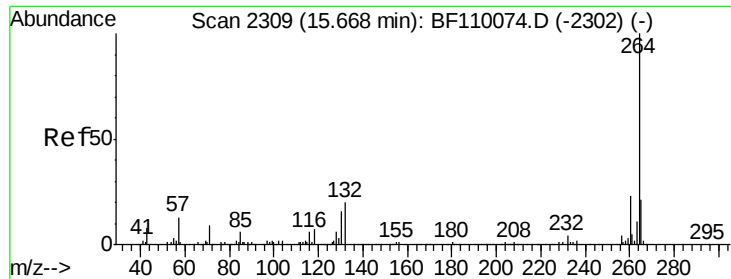


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110587.D
 Acq: 8 Nov 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.0	16.7	25.1

