

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110004.D
 Acq On : 19 Oct 2018 16:01
 Operator : JU/SJ
 Sample : J5586-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:07:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

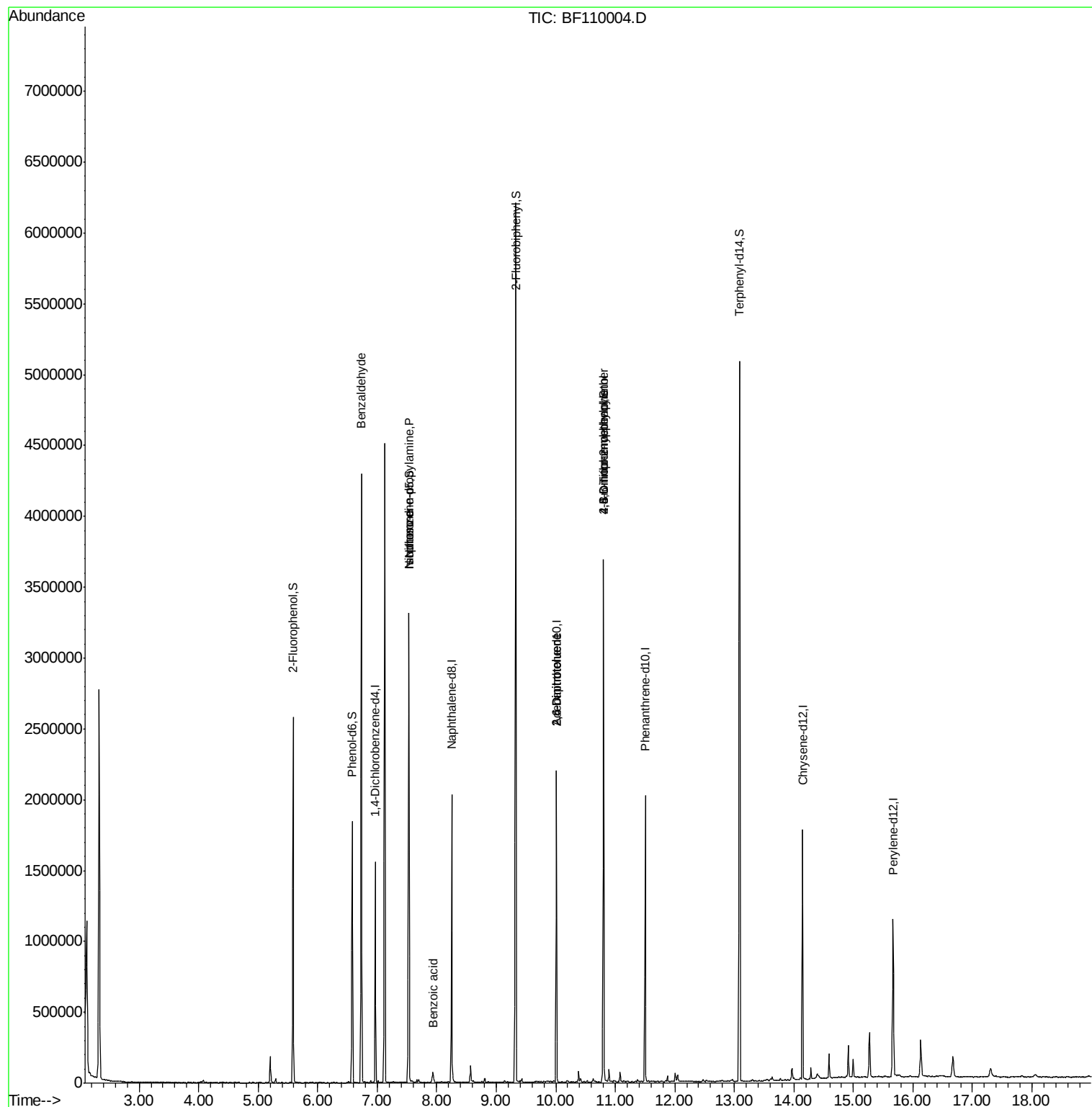
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	223090	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	871519	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	417819	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	772249	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	545459	20.00	ng	-0.02
87) Perylene-d12	15.67	264	381344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	690826	49.09	ng	-0.01
7) Phenol-d6	6.58	99	544049	31.13	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1108665	85.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	430236	118.94	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1980583	75.64	ng	-0.01
79) Terphenyl-d14	13.09	244	1911779	73.60	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	27251	2.400	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	148135	13.202	ng	# 80
25) Isophorone	7.53	82	1106602	43.531	ng	# 67
32) Benzoic acid	7.94	122	18913	2.479	ng	88
51) 2,6-Dinitrotoluene	10.01	165	53803	9.575	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	53803	11.439	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	1046	8.217	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	28048	3.351	ng	# 1

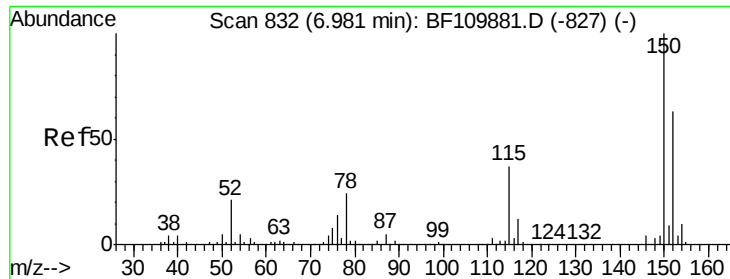
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110004.D
Acq On : 19 Oct 2018 16:01
Operator : JU/SJ
Sample : J5586-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 00:07:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



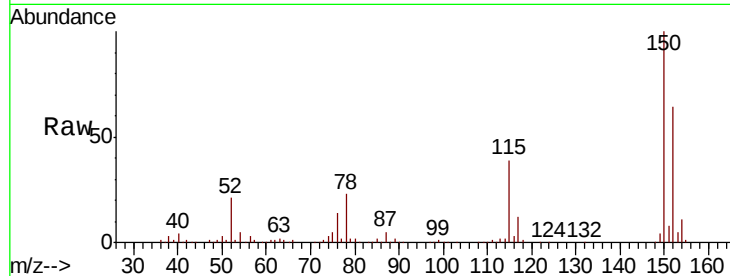


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	61.9	49.1	73.7

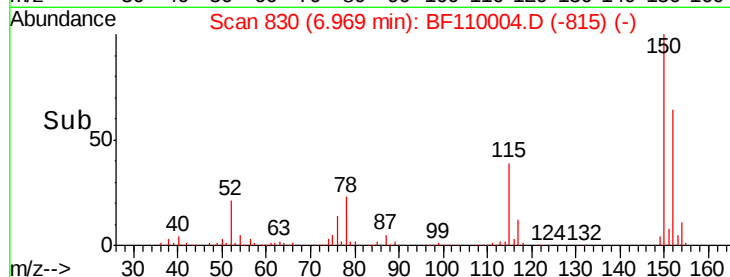
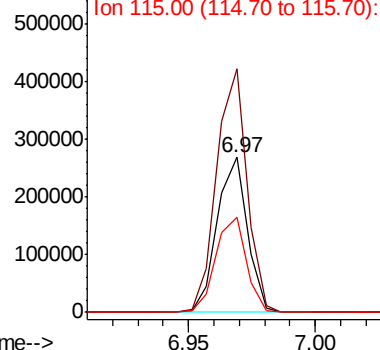


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

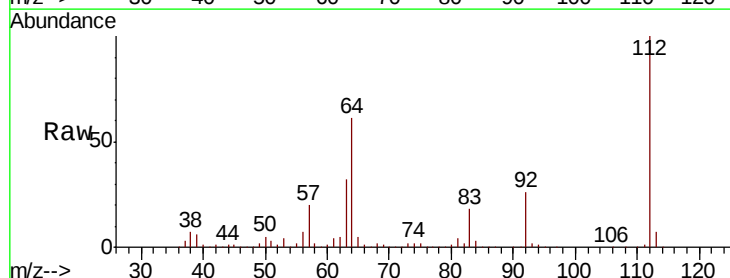
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.086 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.0	23.7	35.5

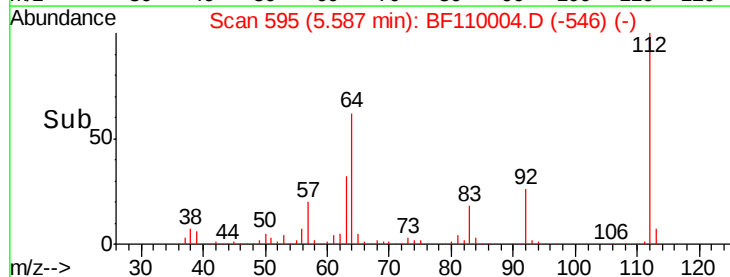
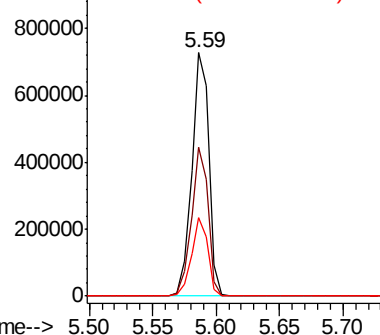


Abundance

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: 31.131 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Instrument :

BNA_F

ClientSampleId :

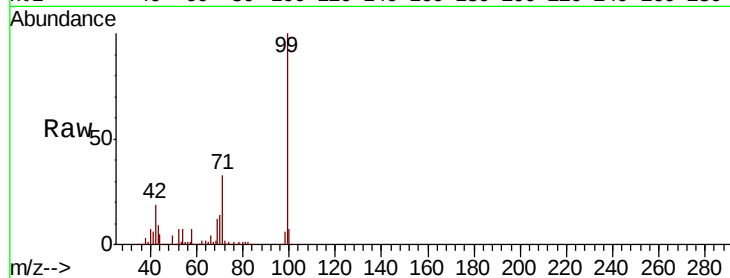
Tot Ion: 99 Resp: 544049

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

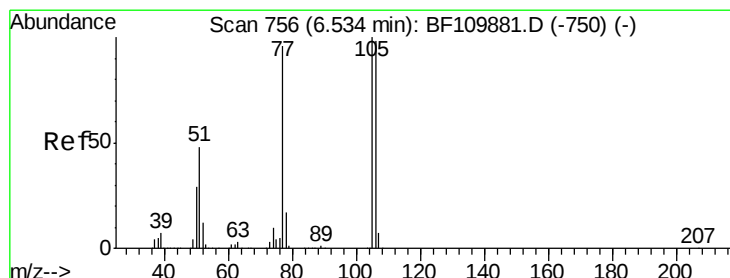
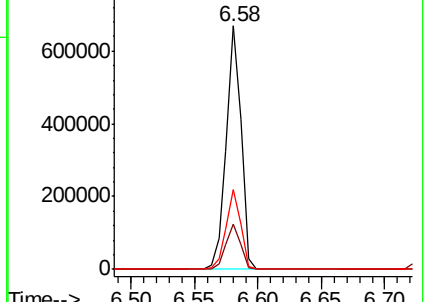
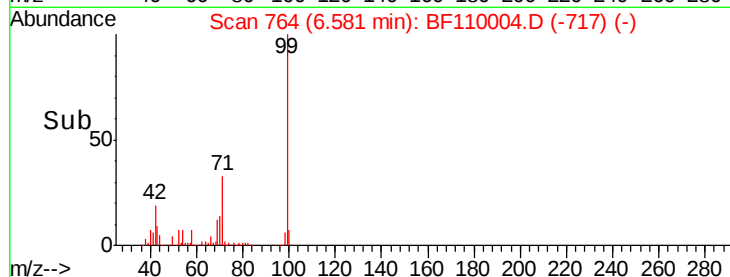
71 33.0 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.400 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

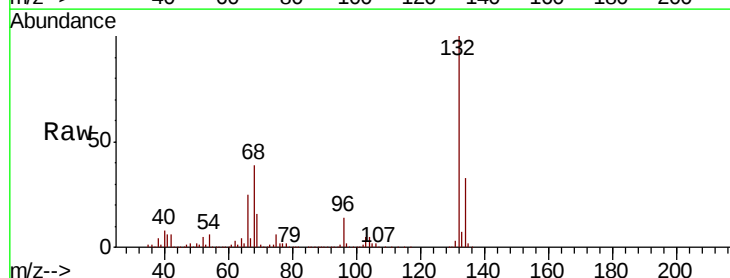
Tgt Ion: 77 Resp: 27251

Ion Ratio Lower Upper

77 100

105 83.5 78.6 118.6

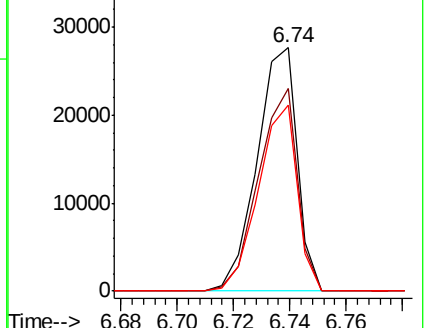
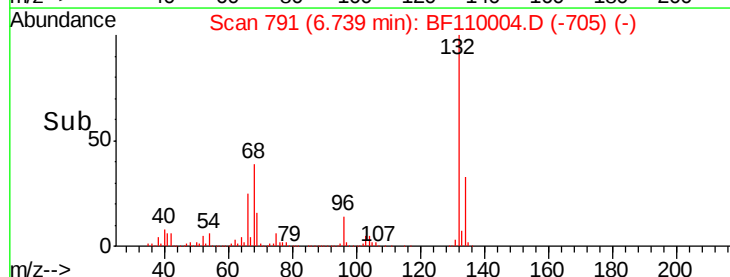
106 76.5 74.8 114.8

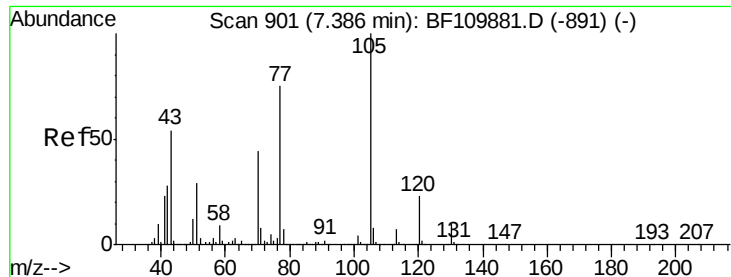


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

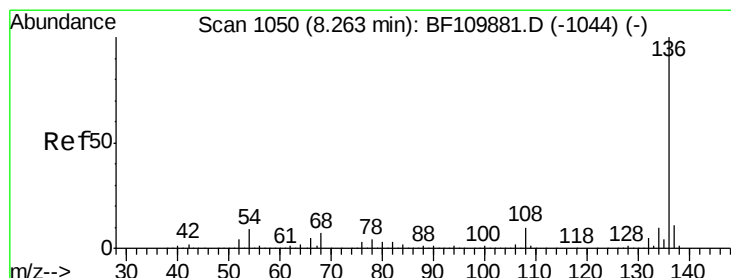
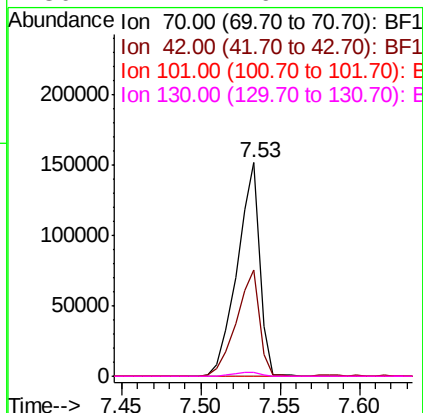
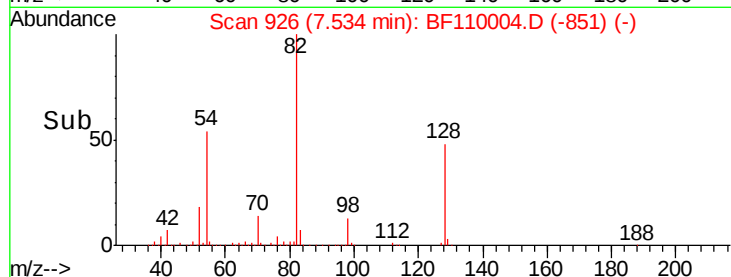
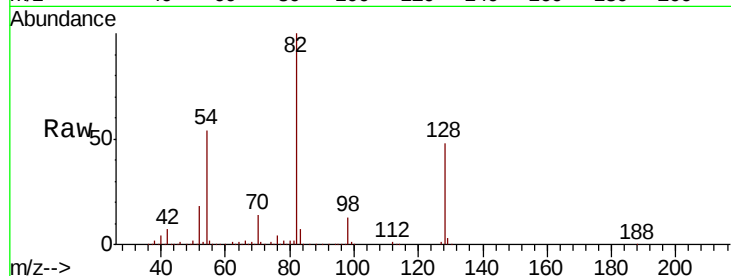




#19
n-Nitroso-di-n-propylamine
Concen: 13.202 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

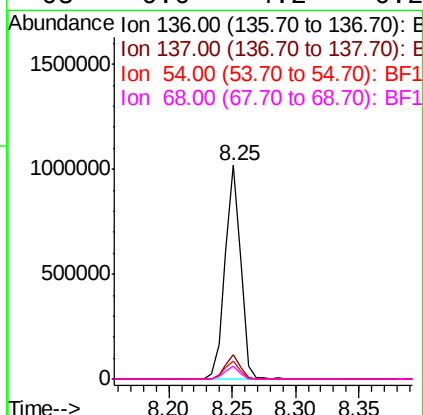
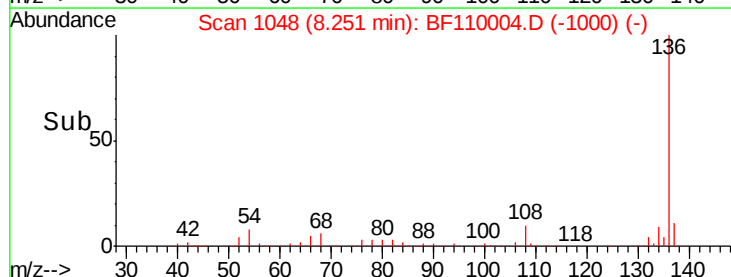
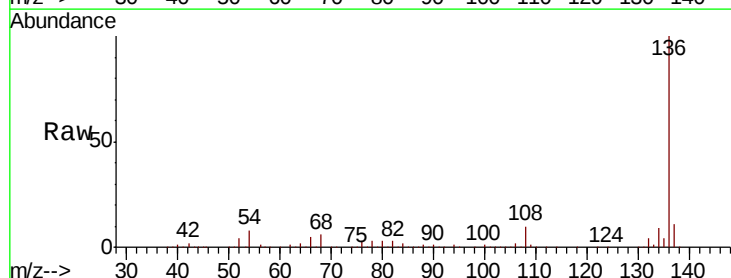
Instrument :
BNA_F
ClientSampleId :

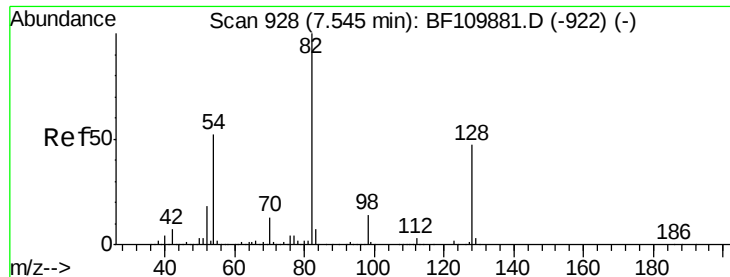
Tot Ion: 70 Resp: 148135
Ion Ratio Lower Upper
70 100
42 49.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion:136 Resp: 871519
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.3 5.4 8.2#
68 6.0 4.2 6.2



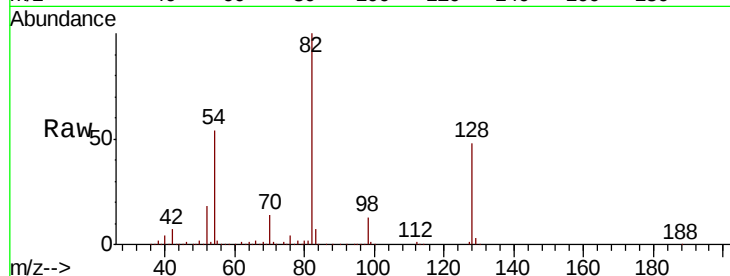


#23
 Nitrobenzene-d5
 Concen: 85.694 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

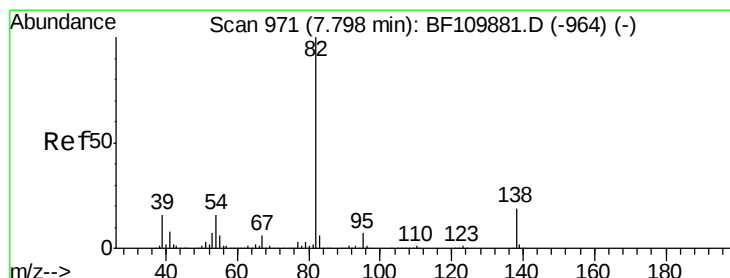
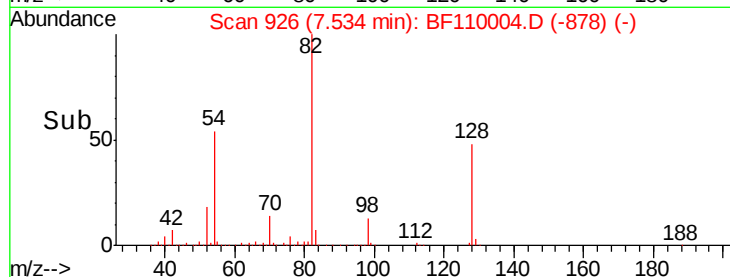
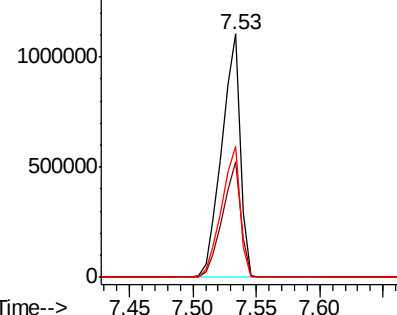
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1108665

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.2	51.2
54	53.6	38.6	58.0



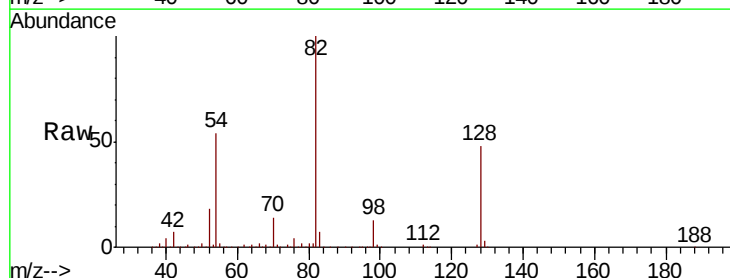
Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



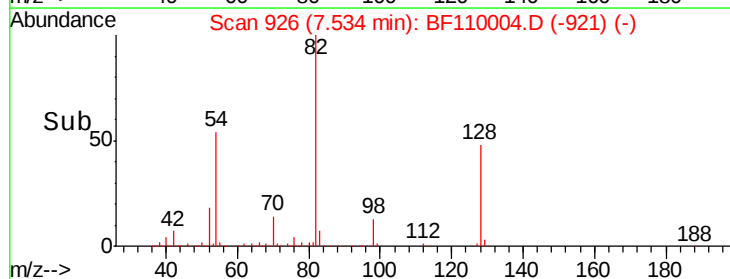
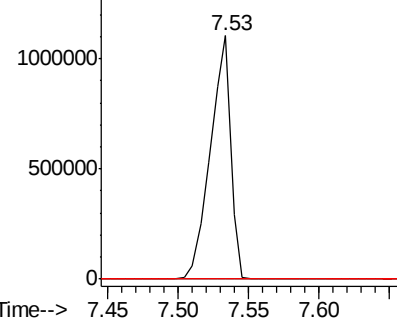
#25
 Isophorone
 Concen: 43.531 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

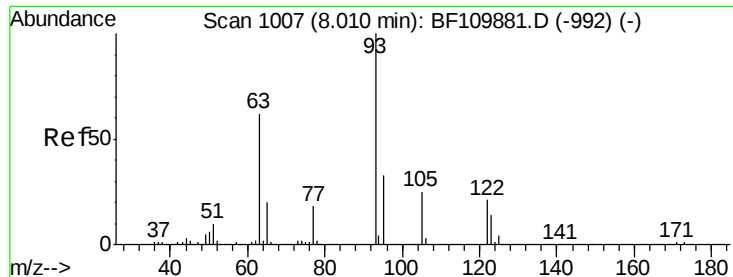
Tgt Ion: 82 Resp: 1106602

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
 1500000 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

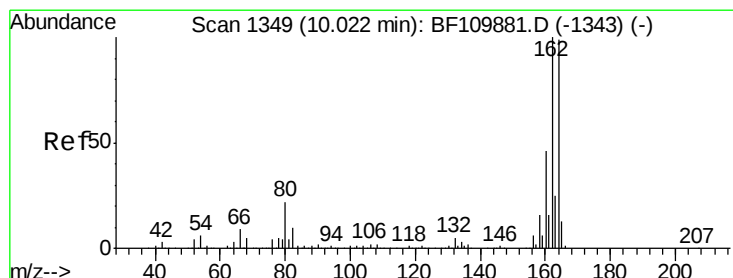
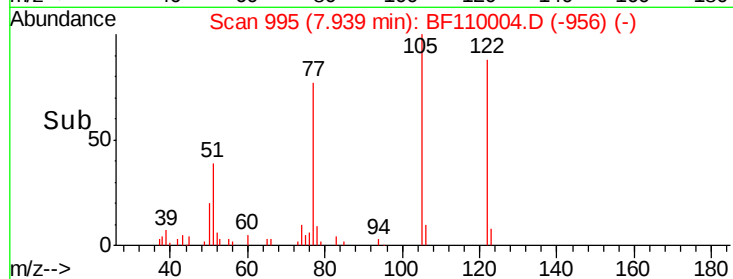
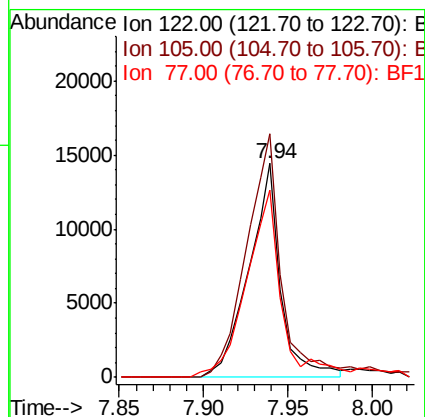
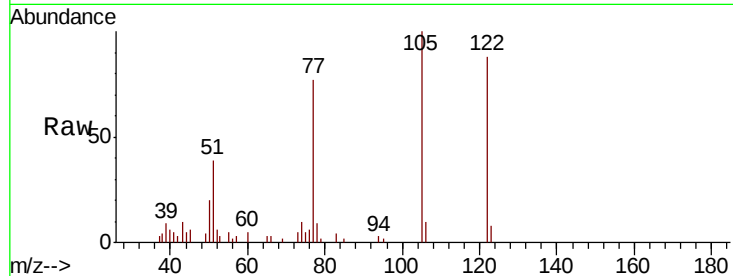




#32
Benzoic acid
Concen: 2.479 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.07 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

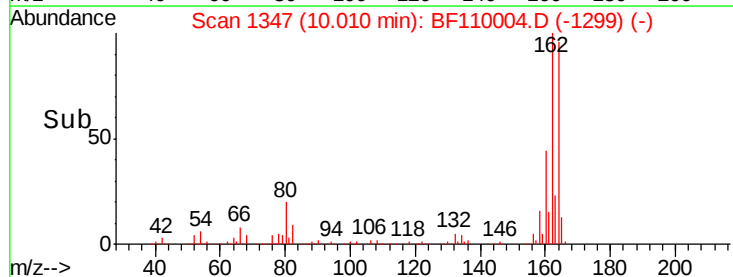
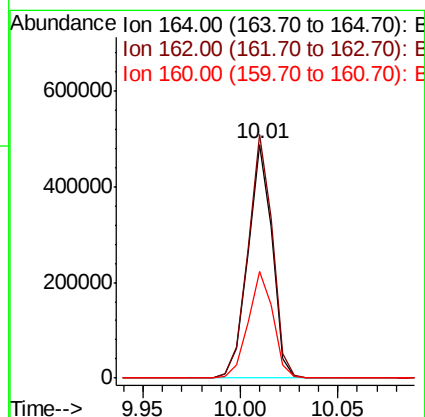
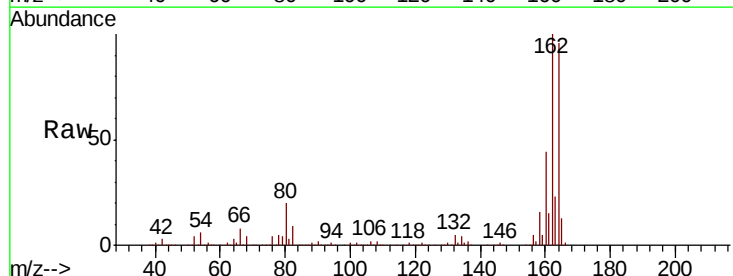
Instrument :
BNA_F
ClientSampleId :

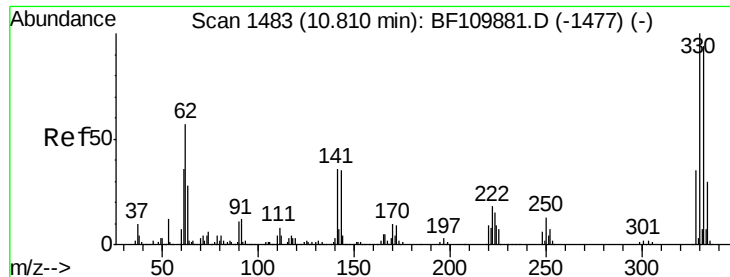
Tot Ion:122 Resp: 18913
Ion Ratio Lower Upper
122 100
105 113.8 109.0 149.0
77 87.7 79.0 119.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion:164 Resp: 417819
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 45.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 118.936 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Instrument :

BNA_F

ClientSampleId :

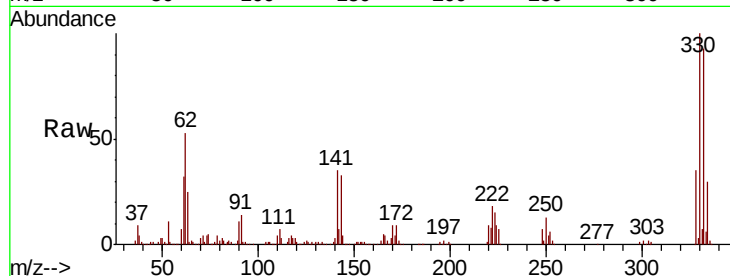
Tot Ion:330 Resp: 430236

Ion Ratio Lower Upper

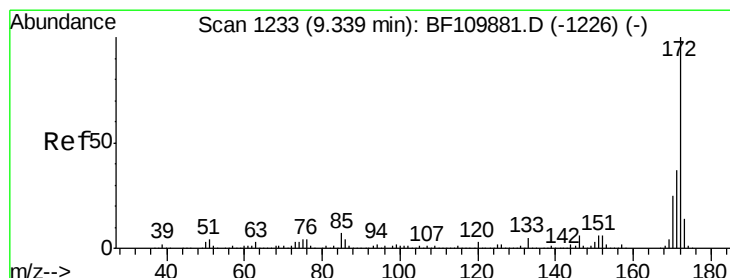
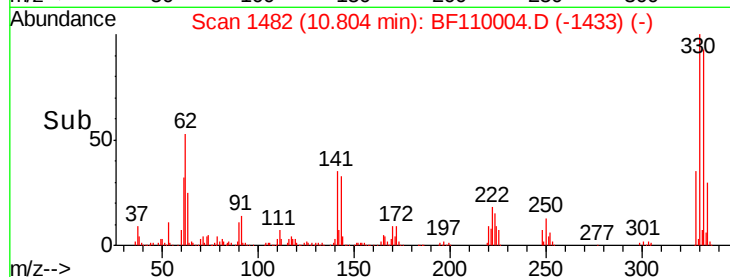
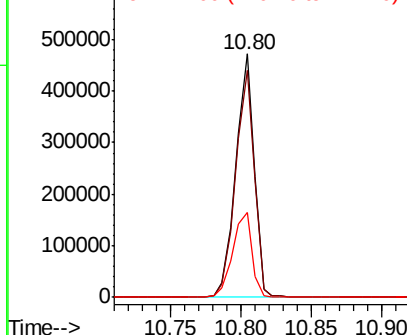
330 100

332 95.6 77.1 115.7

141 36.6 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: 75.639 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

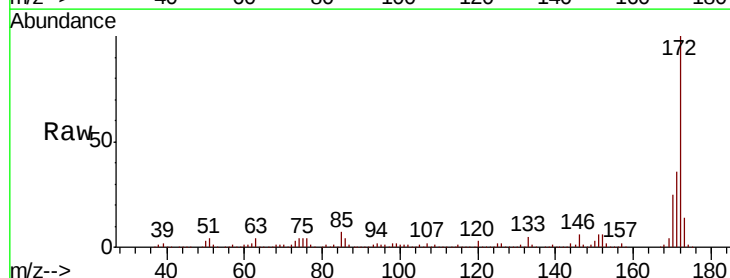
Tgt Ion:172 Resp: 1980583

Ion Ratio Lower Upper

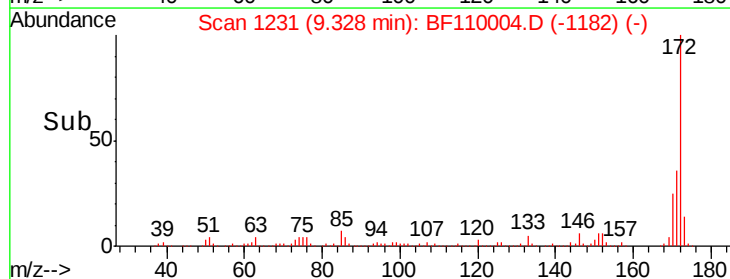
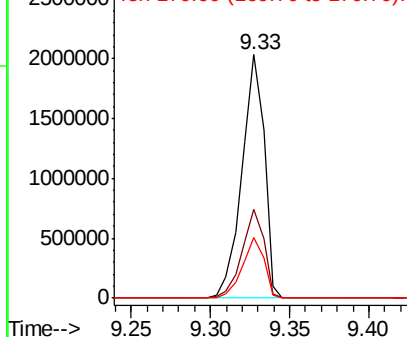
172 100

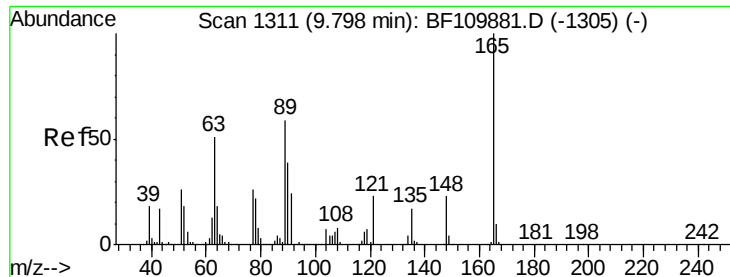
171 36.5 28.6 43.0

170 24.7 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: 9.575 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Instrument :

BNA_F

ClientSampleId :

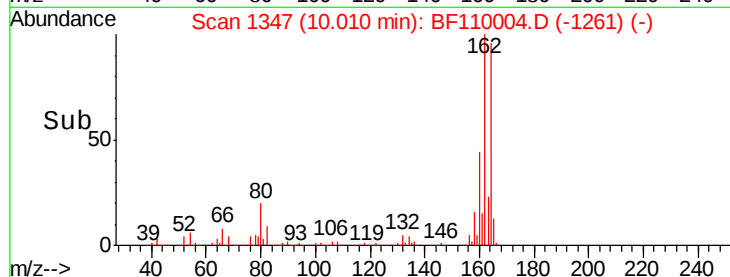
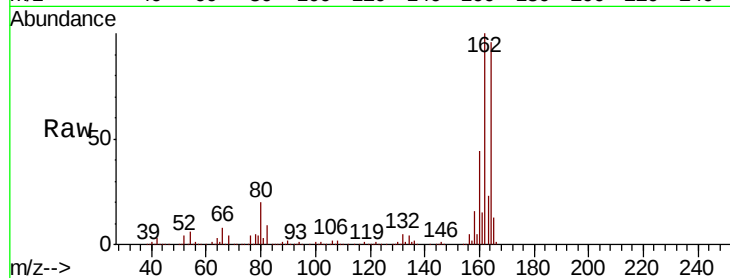
Tot Ion:165 Resp: 53803

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

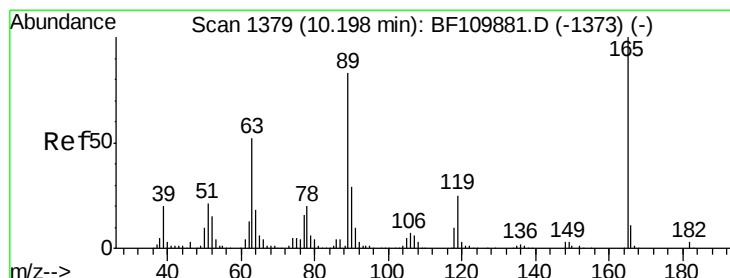
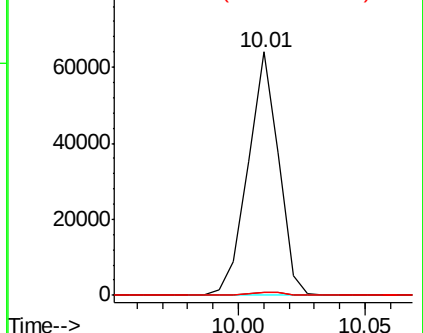
89 1.3 46.6 69.8#



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: 11.439 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Tgt Ion:165 Resp: 53803

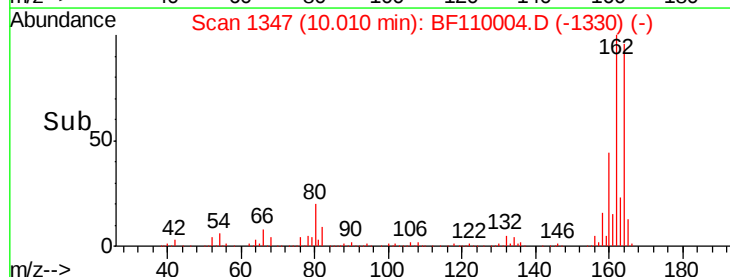
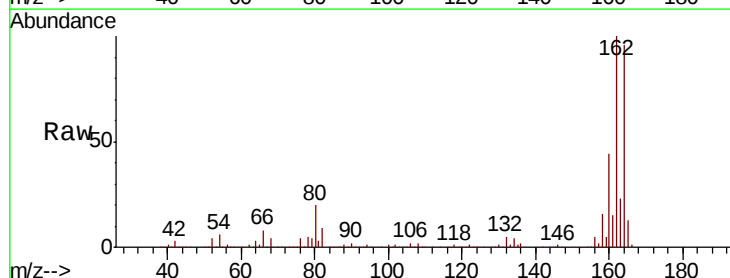
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.3 62.2 93.4#

182 0.0 2.1 3.1#

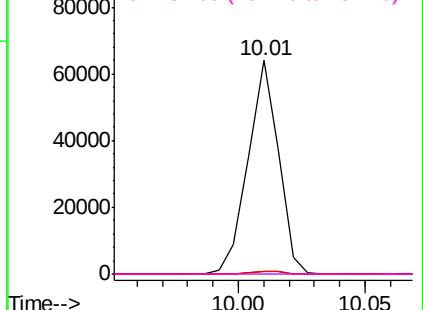


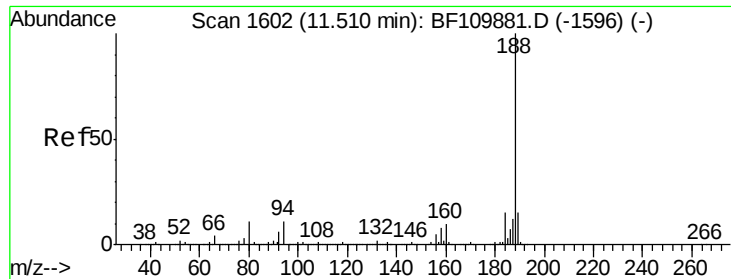
Abundance Ion 165.00 (164.70 to 165.70): E

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

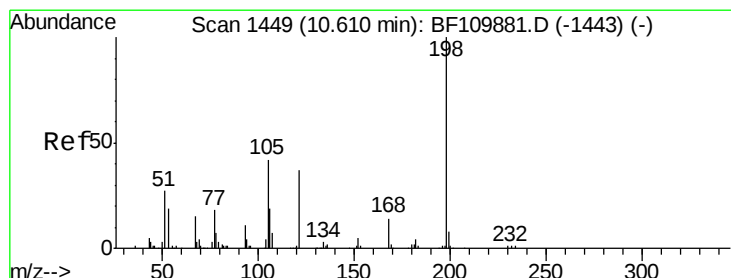
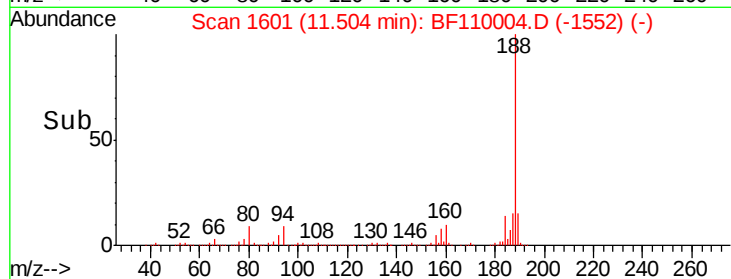
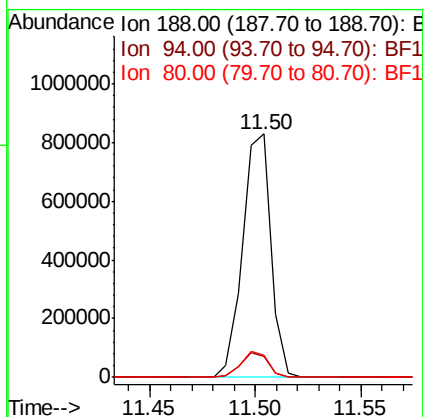
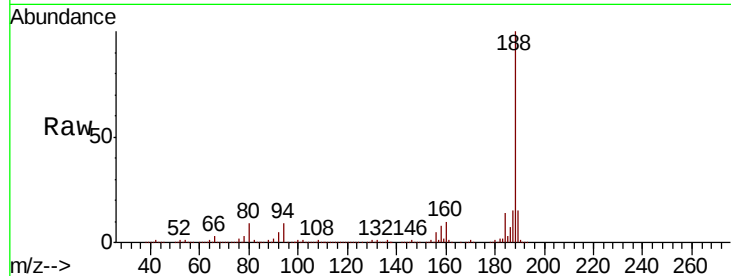




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

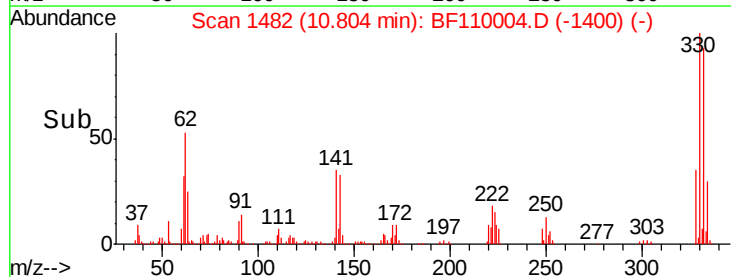
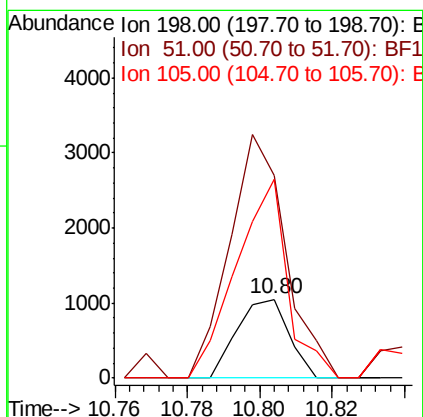
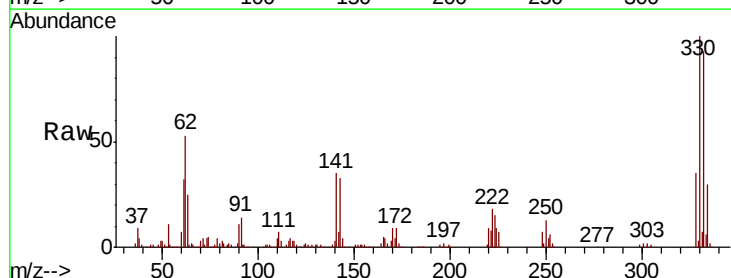
Instrument :
BNA_F
ClientSampleId :

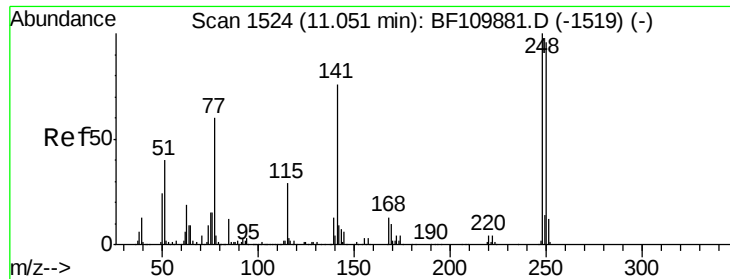
Tot Ion:188 Resp: 772249
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.9 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 8.217 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion:198 Resp: 1046
Ion Ratio Lower Upper
198 100
51 257.6 22.8 62.8#
105 253.1 23.6 63.6#





#67

4-Bromophenyl-phenylether

Concen: 3.351 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Instrument :

BNA_F

ClientSampleId :

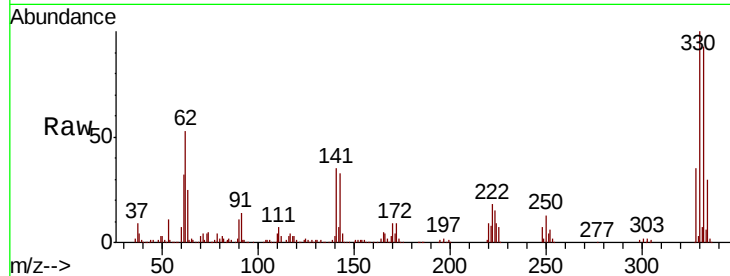
Tot Ion:248 Resp: 28048

Ion Ratio Lower Upper

248 100

250 195.7 79.4 119.2#

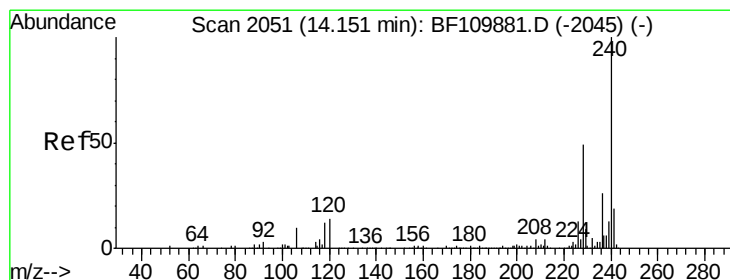
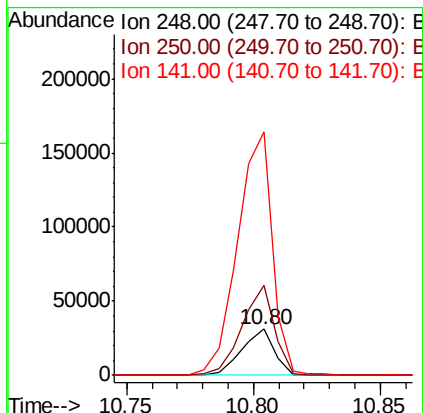
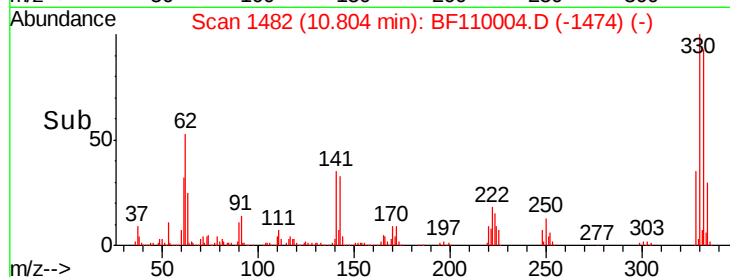
141 527.4 55.9 83.9#



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: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

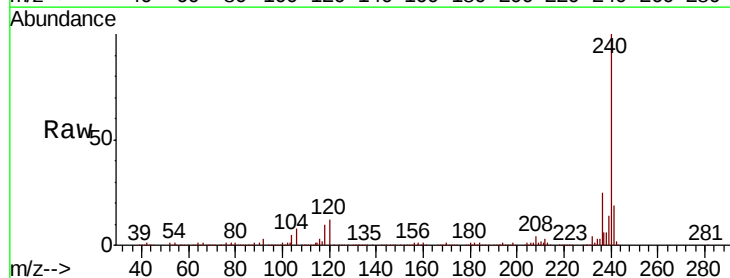
Tgt Ion:240 Resp: 545459

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

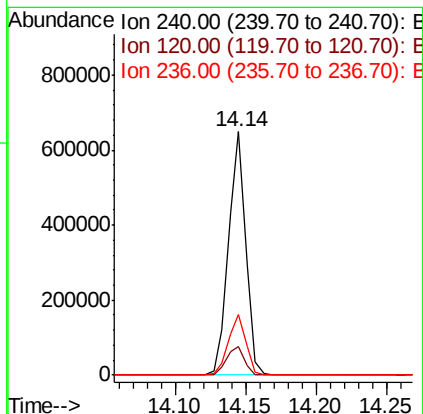
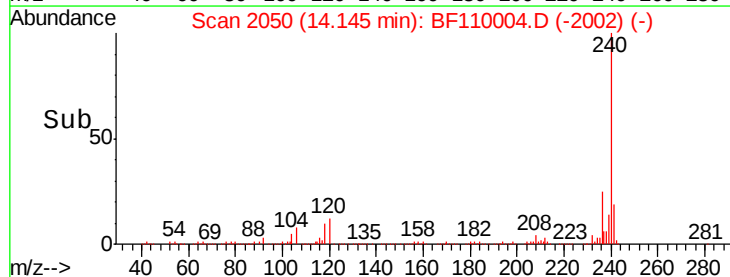
236 24.9 21.2 31.8

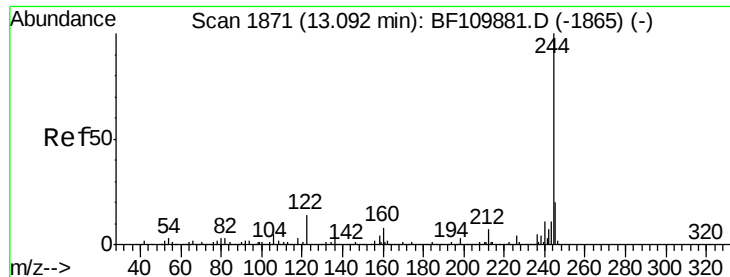


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



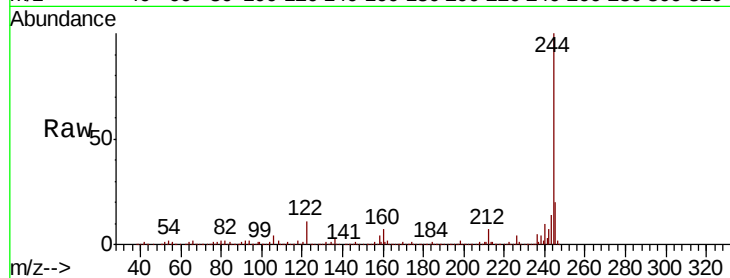


#79
 Terphenyl-d14
 Concen: 73.600 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

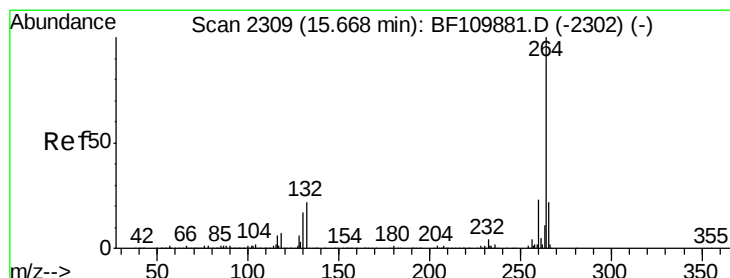
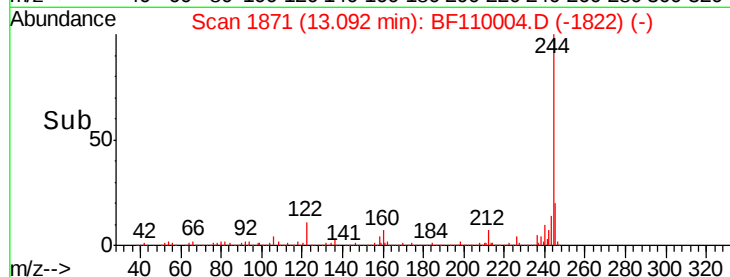
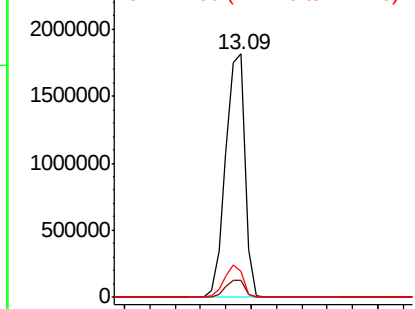
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1911779

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.9	8.7	13.1



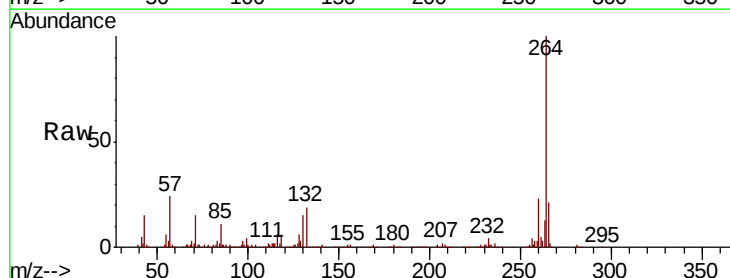
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

Tgt Ion:264 Resp: 381344

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	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

