

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110133.D
 Acq On : 25 Oct 2018 00:31
 Operator : JU/SJ
 Sample : J5640-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:15:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

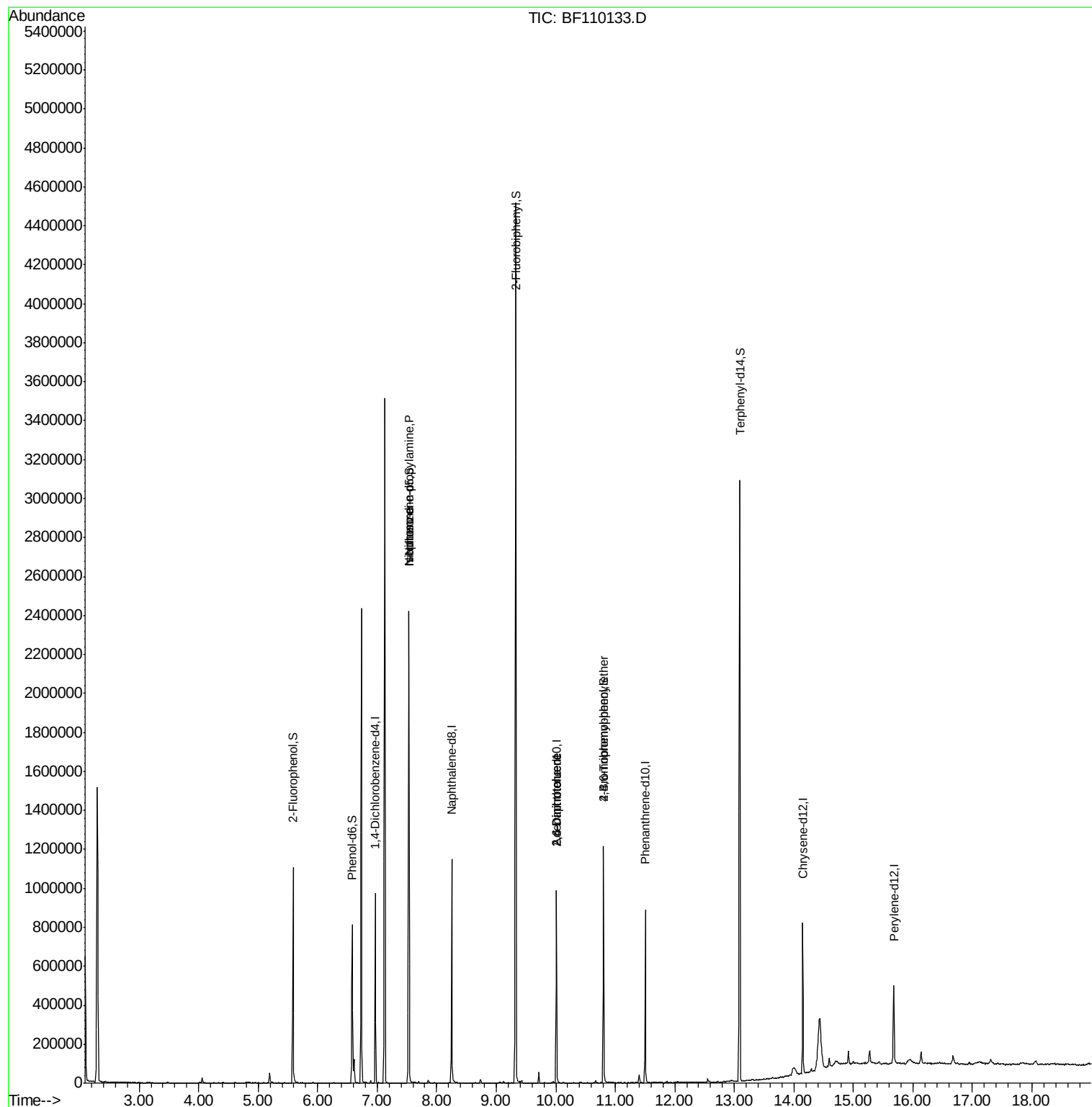
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	133616	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	483983	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	186791	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	298176	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	243809	20.00	ng	-0.01
87) Perylene-d12	15.68	264	167525	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	306560	37.36	ng	-0.01
7) Phenol-d6	6.58	99	233416	22.24	ng	-0.02
23) Nitrobenzene-d5	7.53	82	792992	97.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	133897	72.37	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1341658	112.79	ng	-0.01
79) Terphenyl-d14	13.09	244	1084919	92.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	105515	15.671	ng	# 78
25) Isophorone	7.53	82	792986	57.011	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	24094	8.112	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	24094	6.387	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8136	2.516	ng	# 1

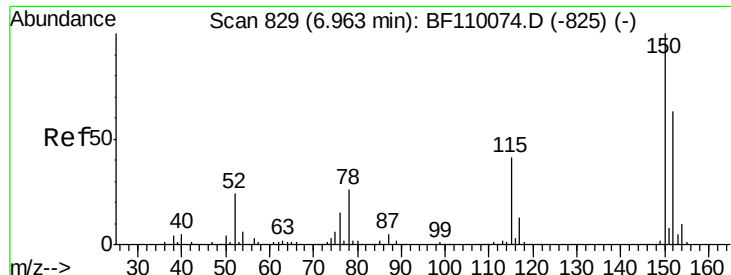
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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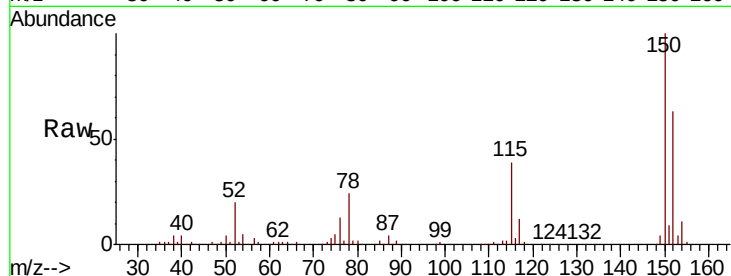


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110133.D
Acq: 25 Oct 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	61.4	49.1	73.7

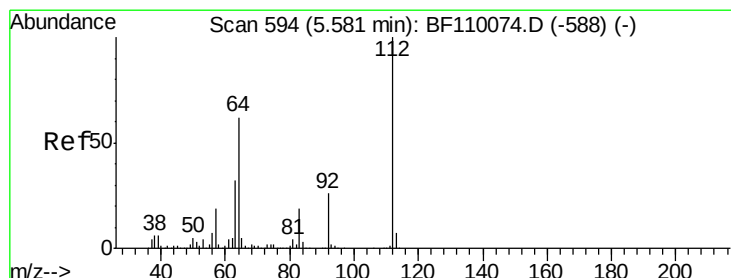
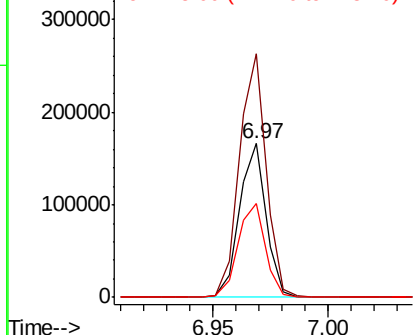
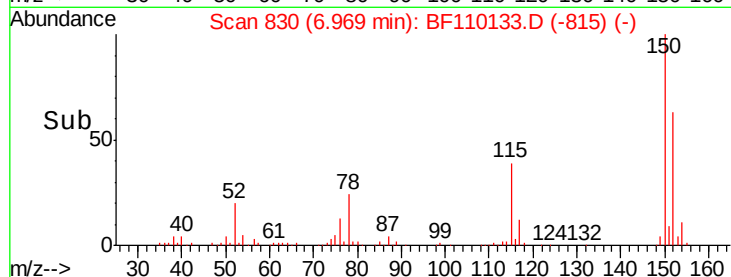


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

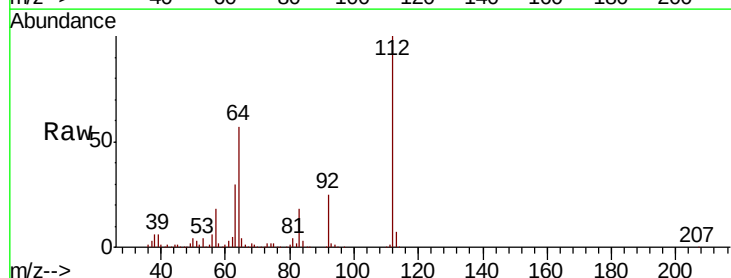
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.362 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110133.D
Acq: 25 Oct 2018 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	29.5	23.7	35.5

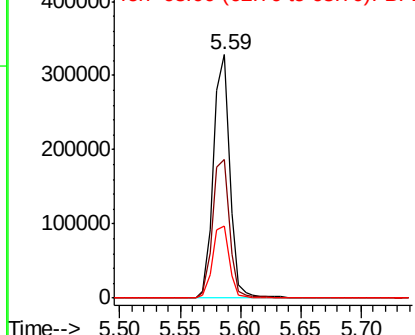
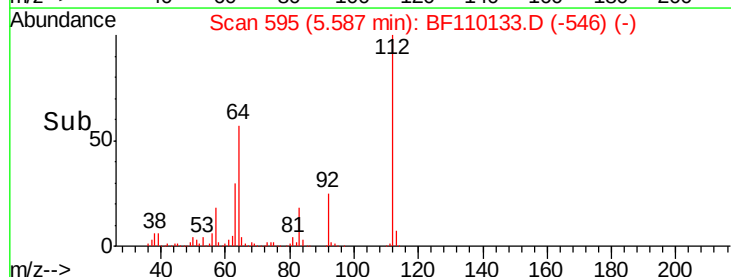


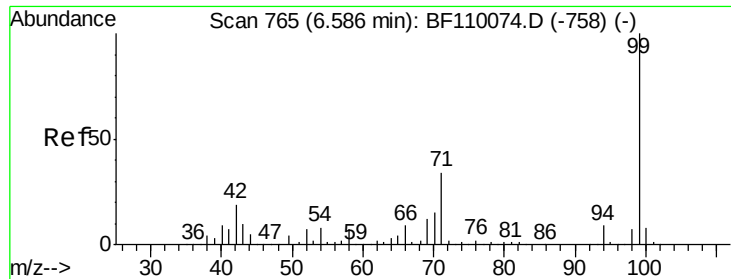
Abundance

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: 22.241 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

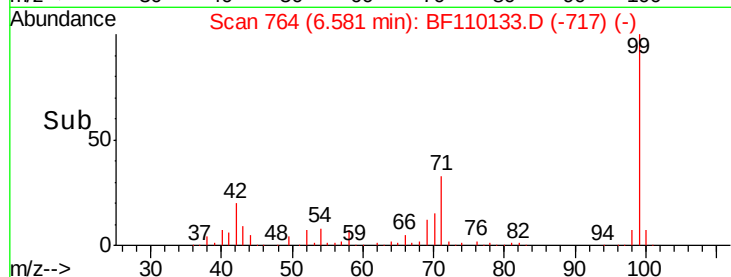
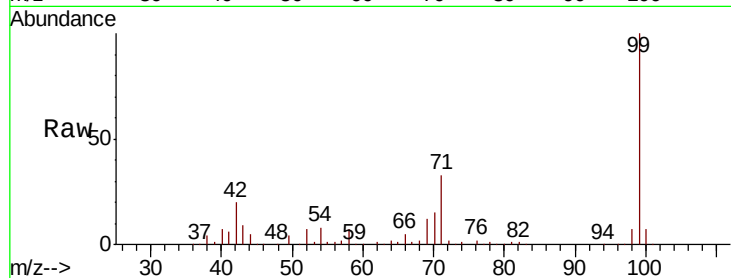
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 233416

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	33.0	28.0	42.0

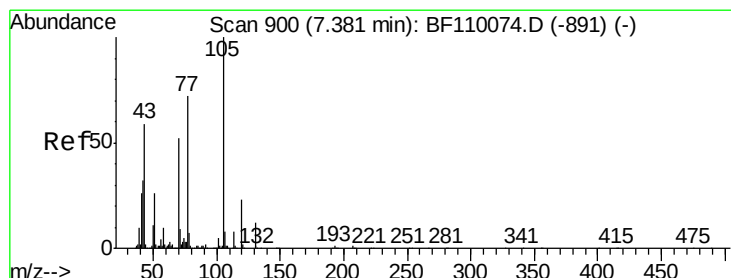
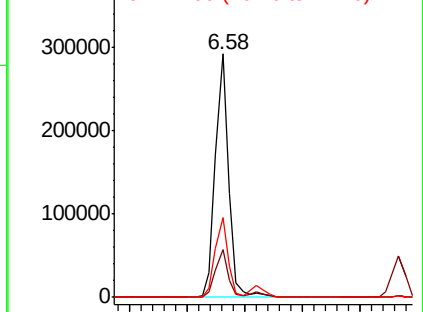


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.671 ng

RT: 7.53 min Scan# 926

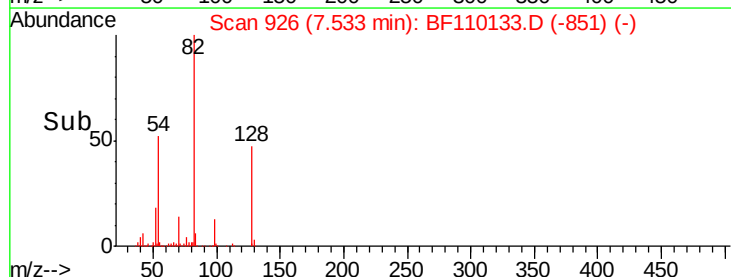
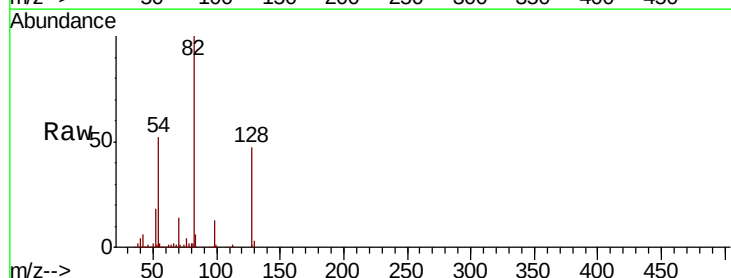
Delta R.T. 0.14 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

Tgt Ion: 70 Resp: 105515

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#



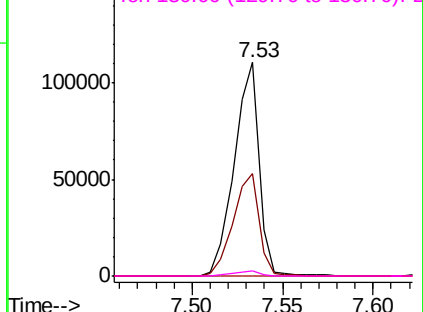
Abundance

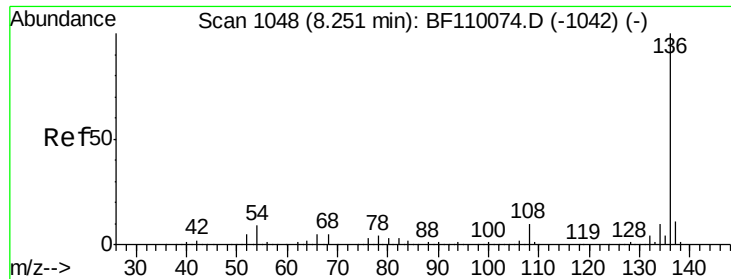
Ion 70.00 (69.70 to 70.70): BF1

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

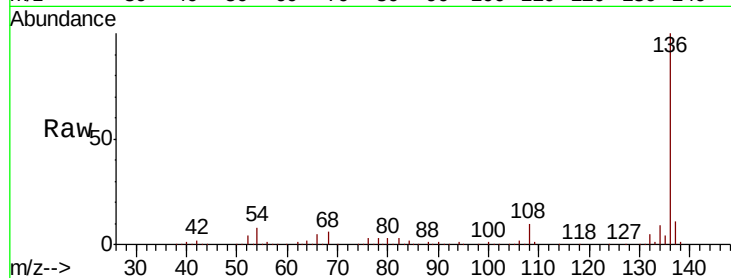




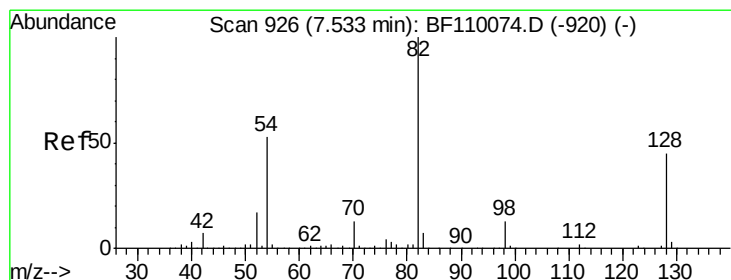
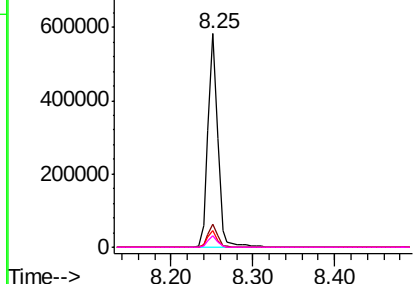
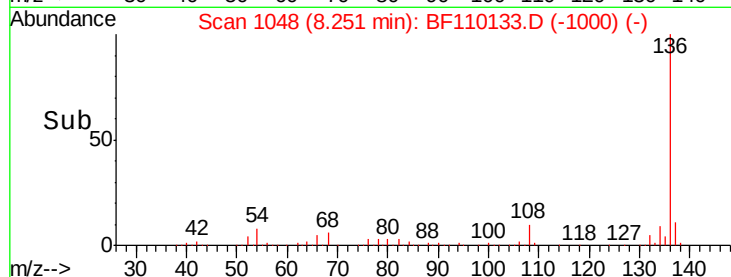
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110133.D
Acq: 25 Oct 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	483983
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.9	5.4 8.2
68	5.5	4.2 6.2

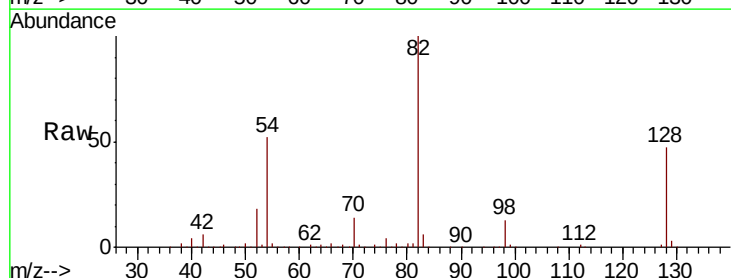


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

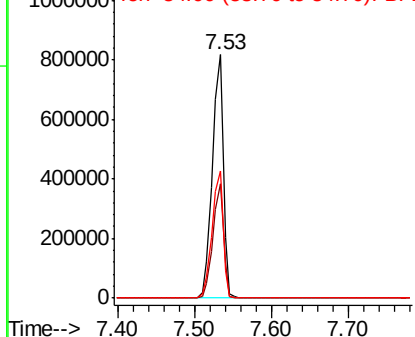
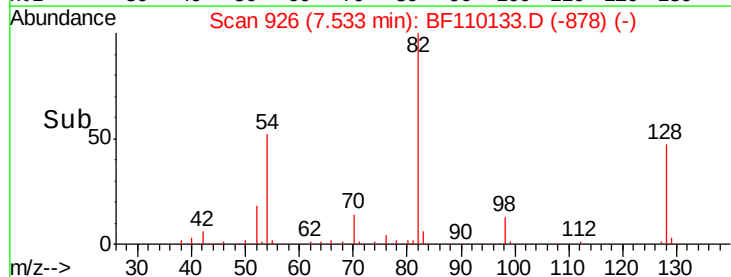


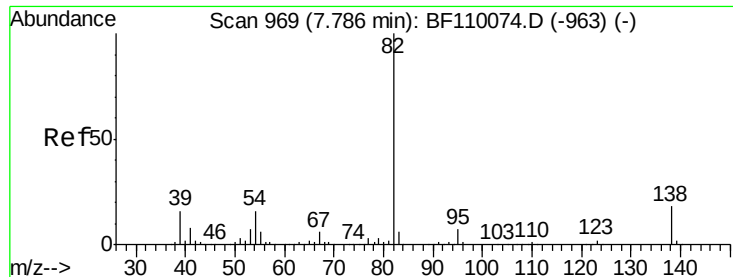
#23
Nitrobenzene-d5
Concen: 97.183 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110133.D
Acq: 25 Oct 2018 00:31

Tgt Ion: 82	Resp:	792992
Ion Ratio	Lower	Upper
82	100	
128	46.9	34.2 51.2
54	52.4	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: 57.011 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

Instrument :

BNA_F

ClientSampled :

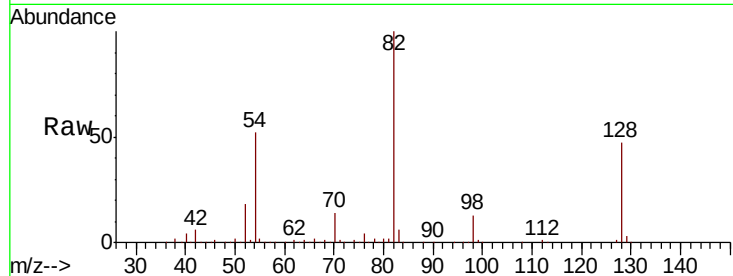
Tot Ion: 82 Resp: 792986

Ion Ratio Lower Upper

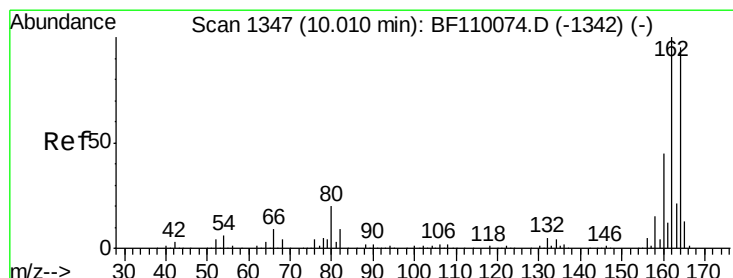
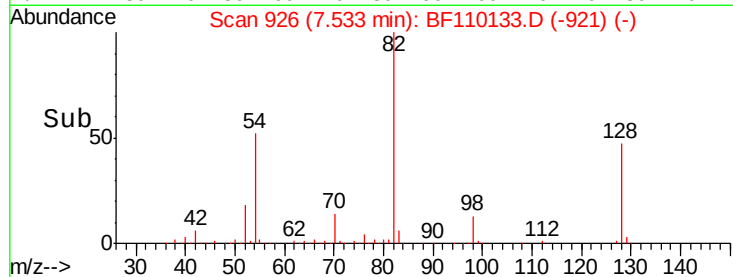
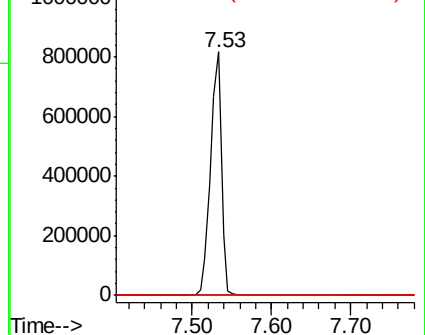
82 100

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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

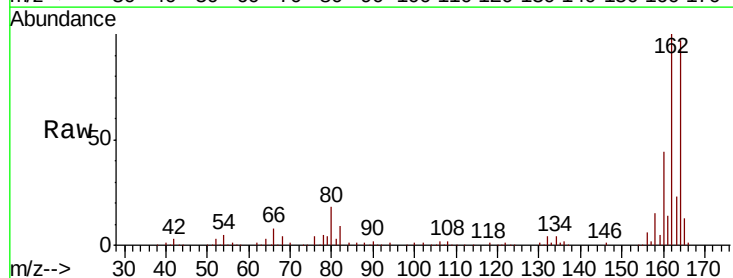
Tgt Ion: 164 Resp: 186791

Ion Ratio Lower Upper

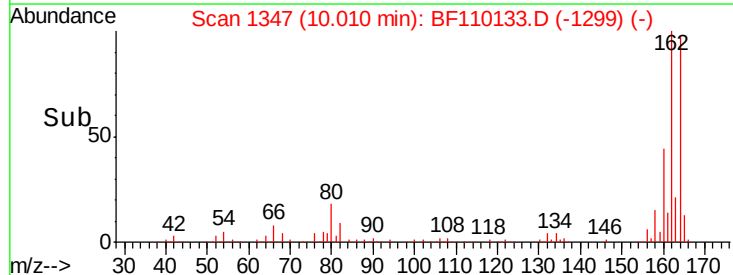
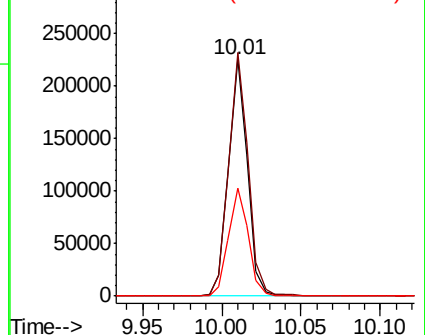
164 100

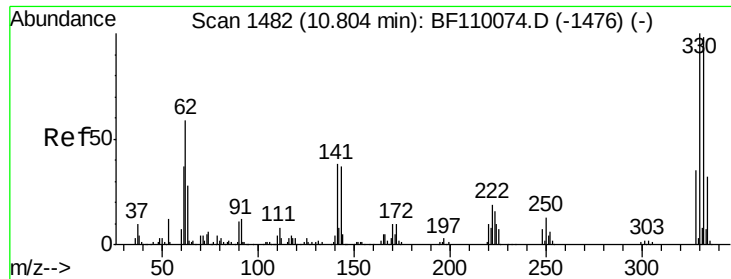
162 102.7 83.0 124.6

160 45.5 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

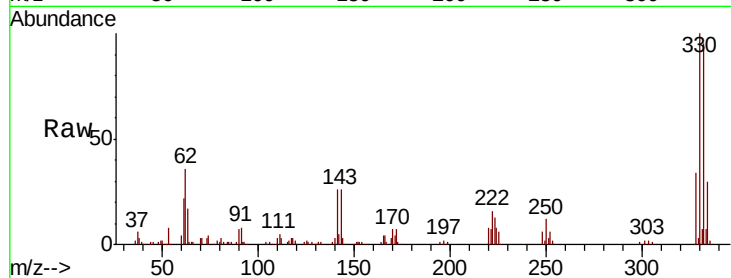




#42
 2,4,6-Tribromophenol
 Concen: 72.365 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110133.D
 Acq: 25 Oct 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	37.2	27.0	40.4

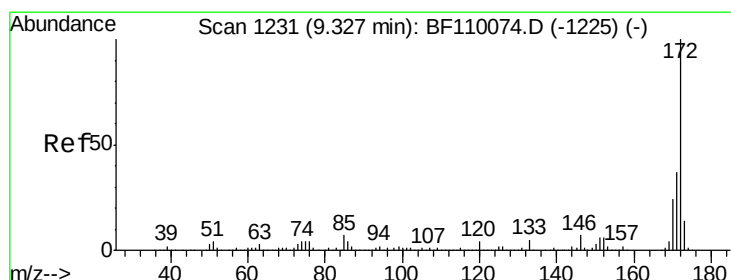
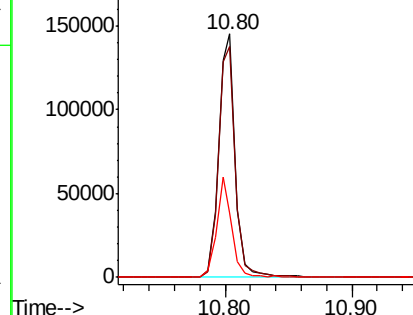
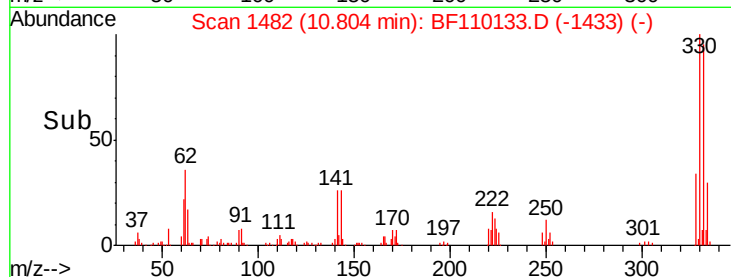


Abundance

Ion 329.80 (329.50 to 330.50): E

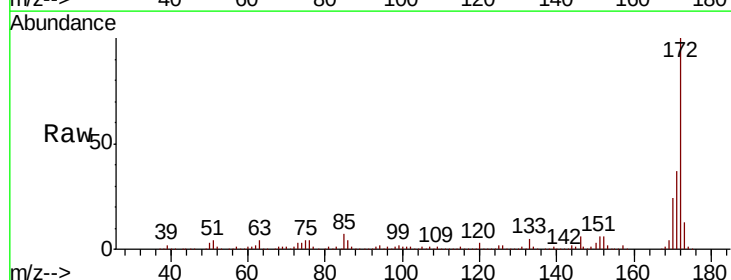
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.786 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110133.D
 Acq: 25 Oct 2018 00:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.4	19.7	29.5

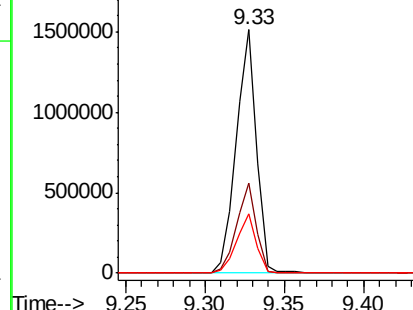
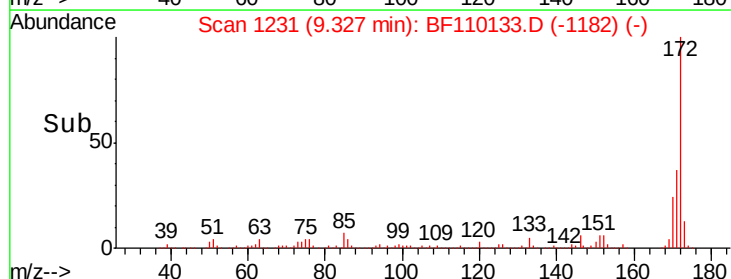


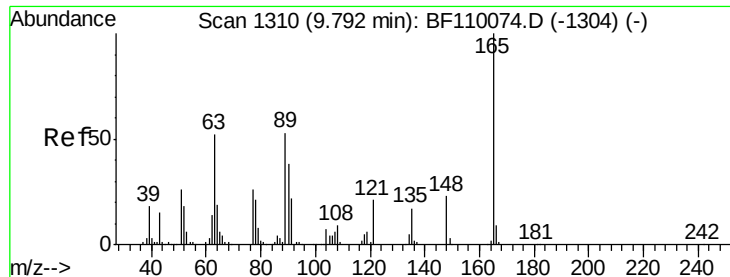
Abundance

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: 8.112 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

Instrument :

BNA_F

ClientSampleId :

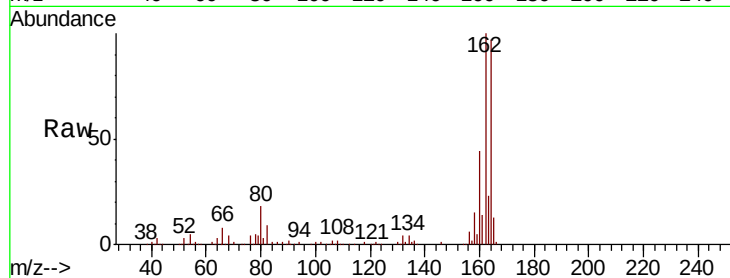
Tot Ion:165 Resp: 24094

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

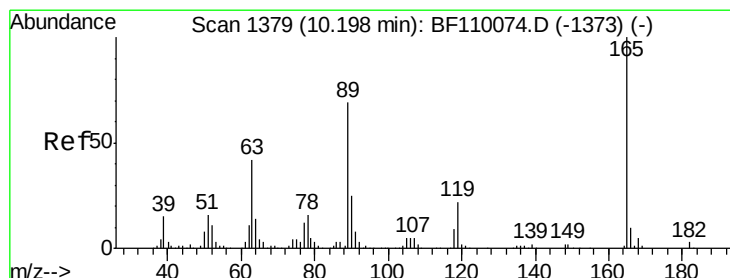
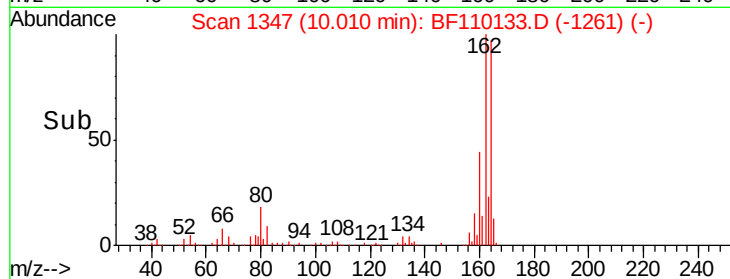
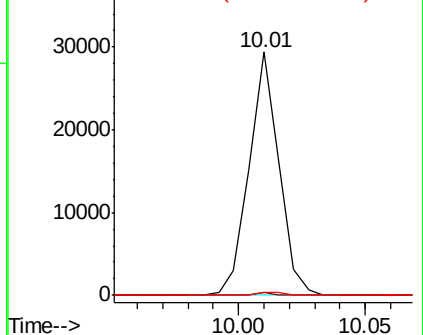
89 1.1 46.6 69.8#



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: 6.387 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

Tgt Ion:165 Resp: 24094

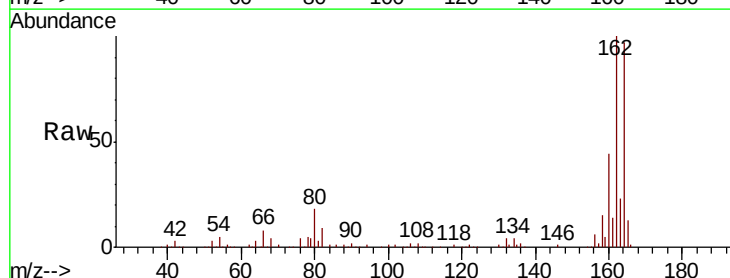
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.1 62.2 93.4#

182 0.0 2.1 3.1#

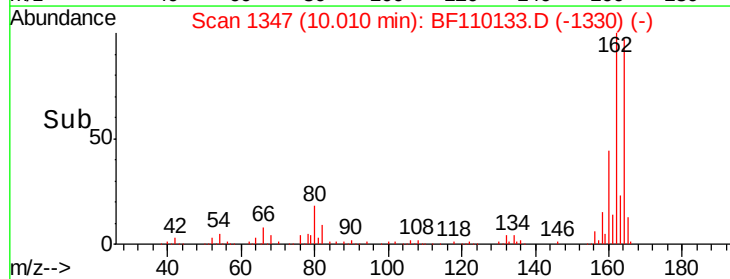
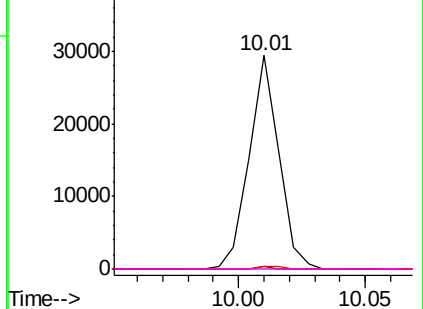


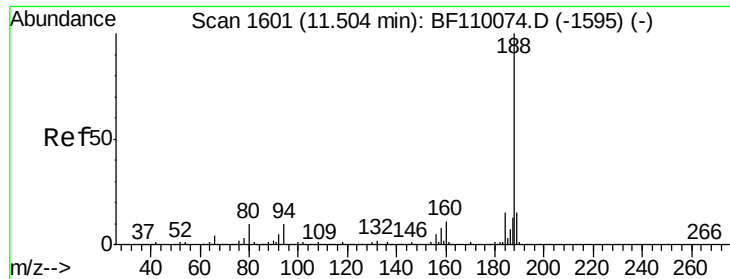
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

Instrument :

BNA_F

ClientSampleId :

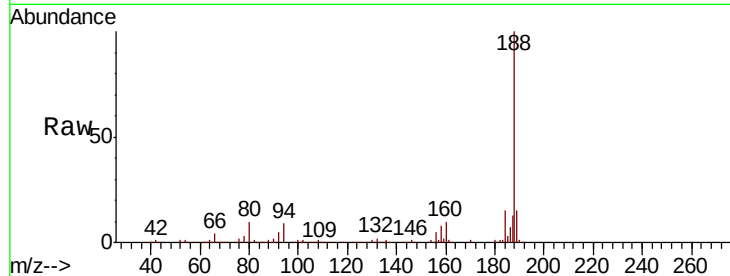
Tot Ion:188 Resp: 298176

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 9.9 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

500000

400000

300000

200000

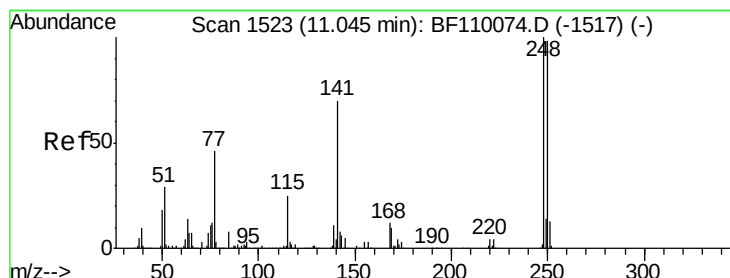
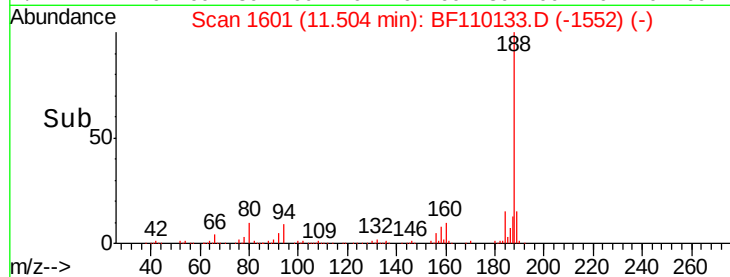
100000

0

11.50

11.60

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.516 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.26 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

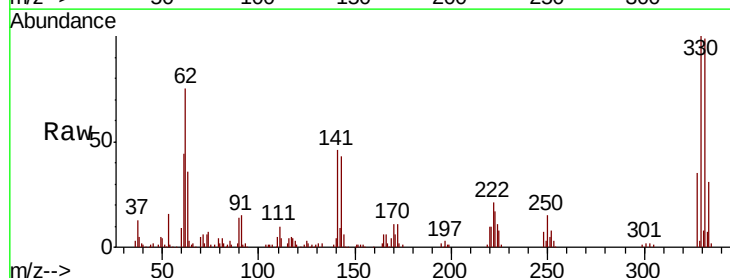
Tgt Ion:248 Resp: 8136

Ion Ratio Lower Upper

248 100

250 214.5 79.4 119.2#

141 666.2 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

80000

60000

40000

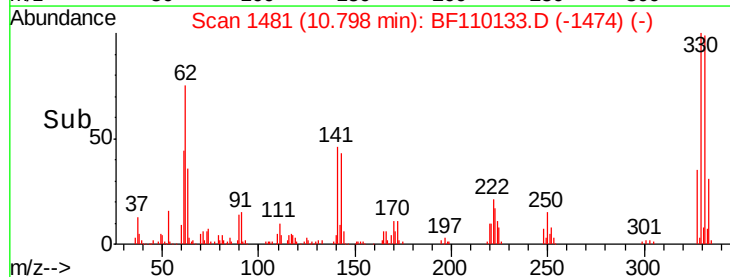
20000

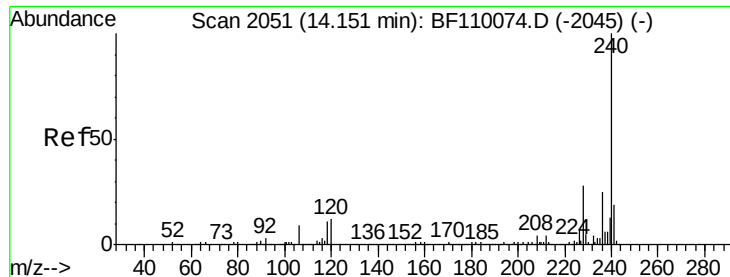
0

10.80

10.75

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

Instrument :

BNA_F

ClientSampleId :

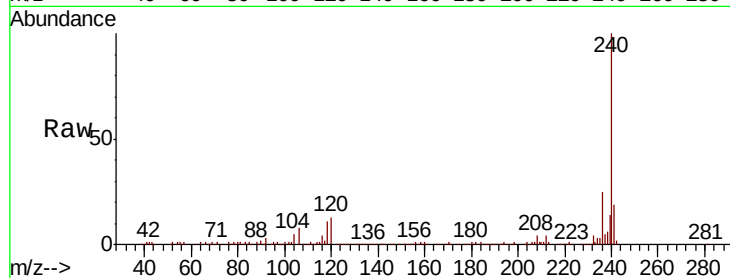
Tot Ion:240 Resp: 243809

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

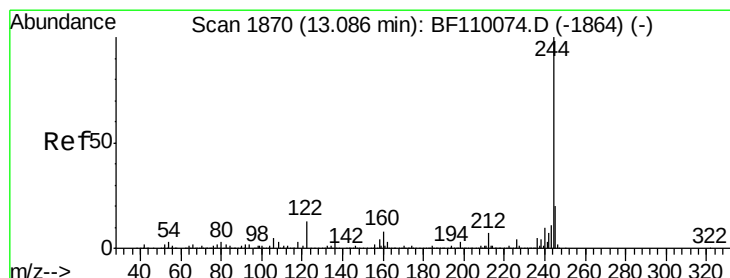
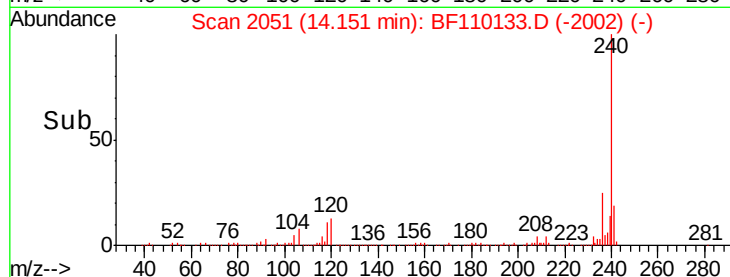
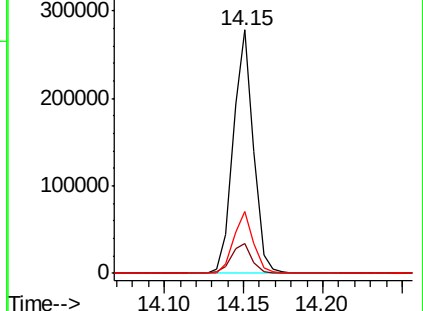
236 25.3 21.2 31.8



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: 92.544 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110133.D

Acq: 25 Oct 2018 00:31

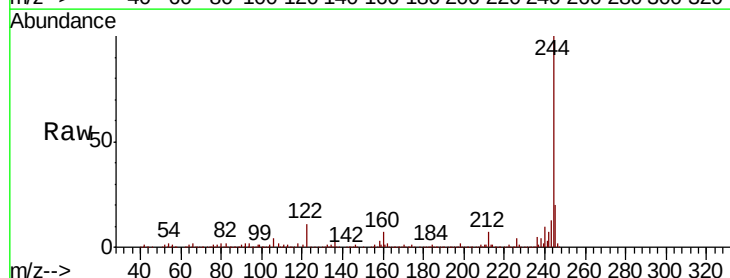
Tgt Ion:244 Resp: 1084919

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

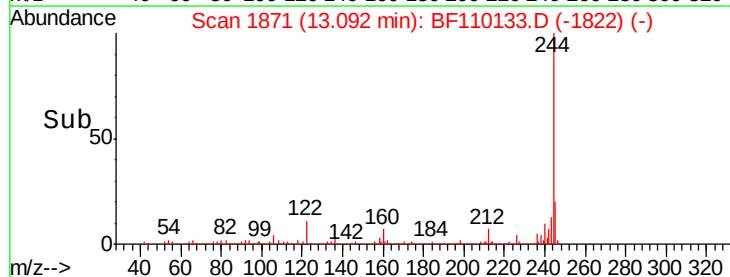
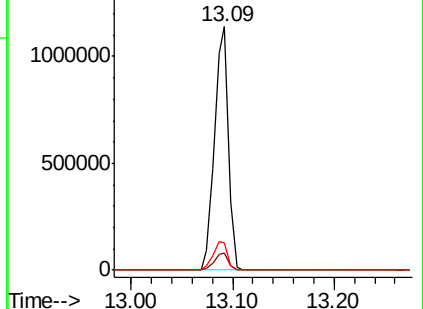
122 11.2 8.7 13.1

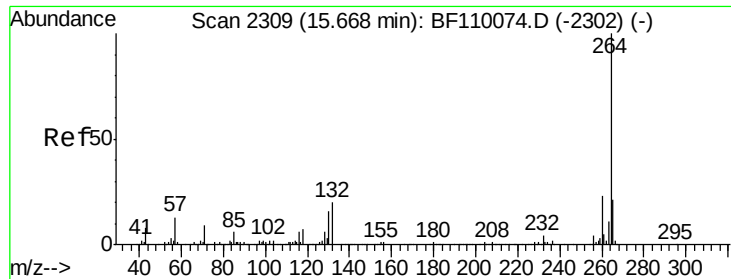


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF110133.D
 Acq: 25 Oct 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1

