

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110010.D
 Acq On : 19 Oct 2018 18:42
 Operator : JU/SJ
 Sample : J5593-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:08:38 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

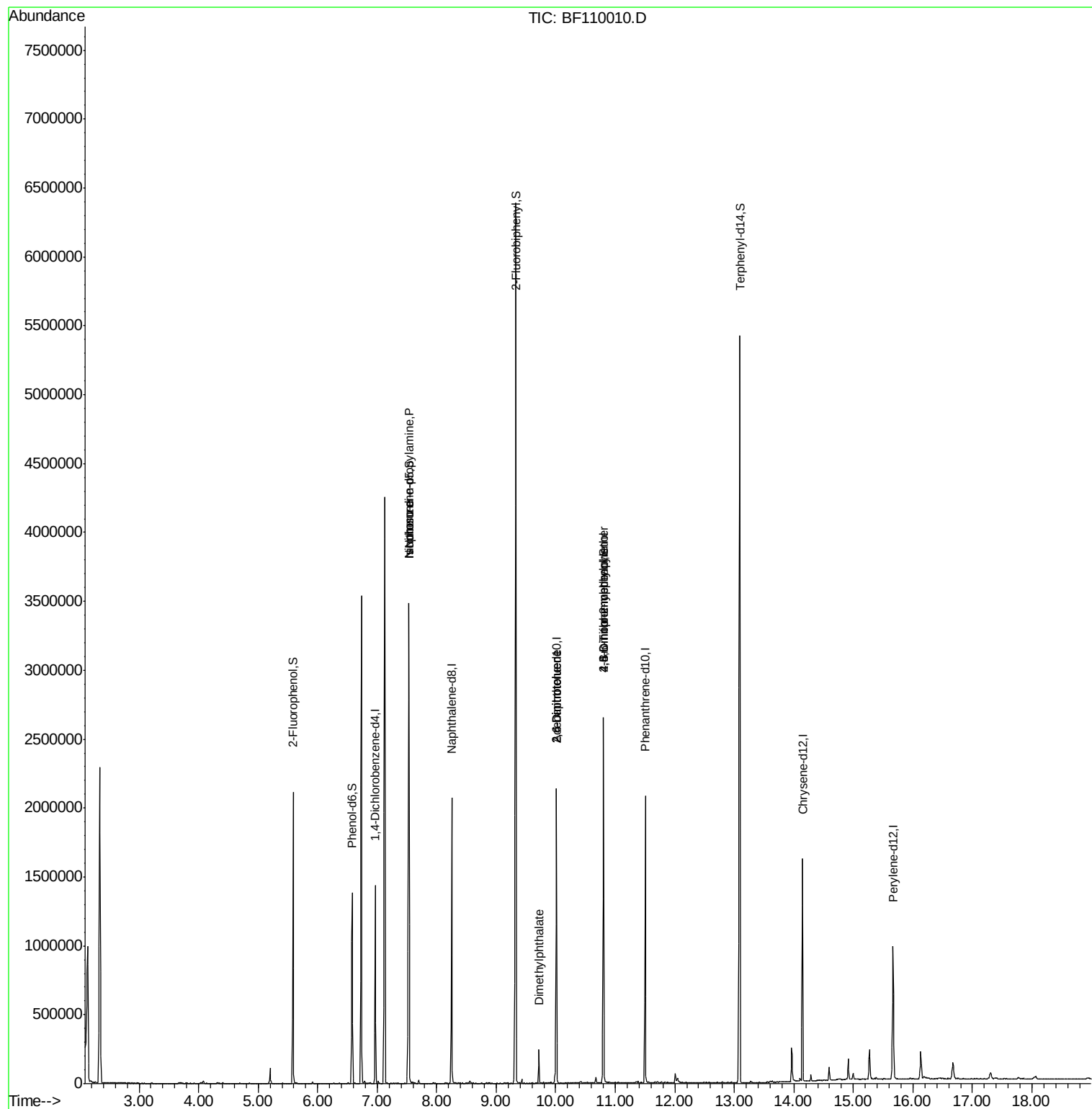
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210330	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	876160	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	409480	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	724891	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	510491	20.00	ng	-0.02
87) Perylene-d12	15.66	264	355236	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	517117	38.97	ng	-0.01
7) Phenol-d6	6.58	99	406110	24.65	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1261965	97.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	321047	90.56	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2192755	85.45	ng	-0.01
79) Terphenyl-d14	13.09	244	1949764	80.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	166579	15.746	ng	# 80
25) Isophorone	7.53	82	1258497	49.244	ng	# 67
50) Dimethylphthalate	9.72	163	85104	2.935	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	52766	9.581	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	52766	11.444	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	788	8.155	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	20550	2.616	ng	# 1

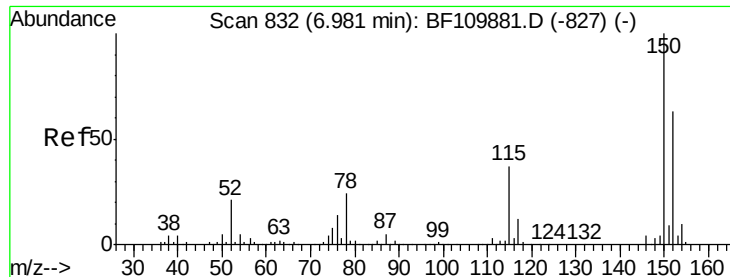
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 14:58:24 2018
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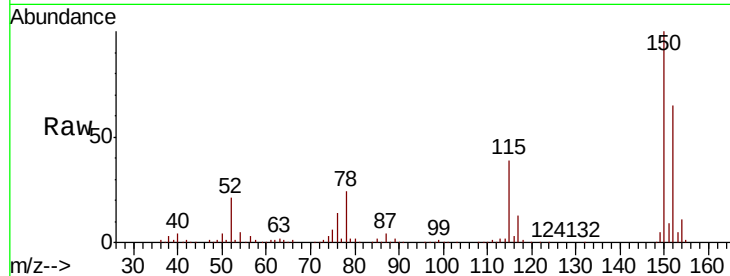


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110010.D
Acq: 19 Oct 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	60.3	49.1	73.7

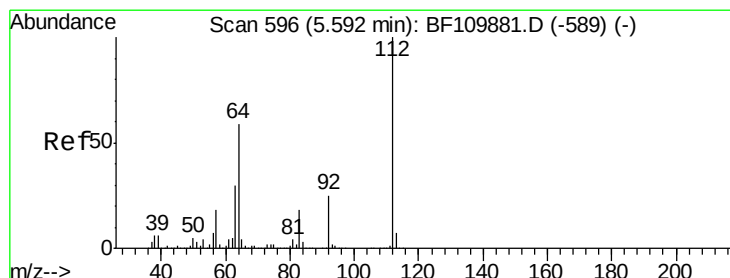
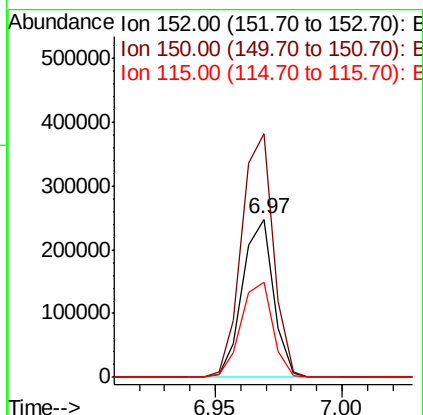
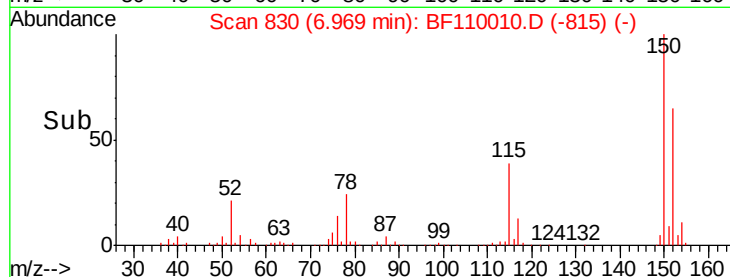


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

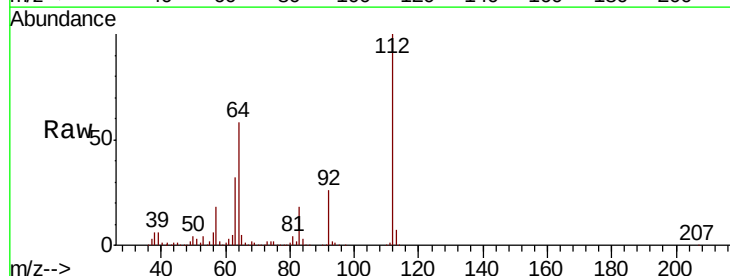
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.972 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110010.D
Acq: 19 Oct 2018 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	31.8	23.7	35.5

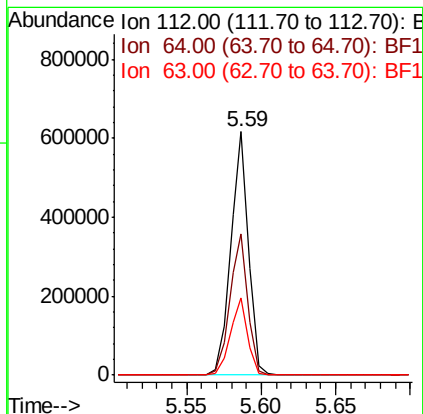
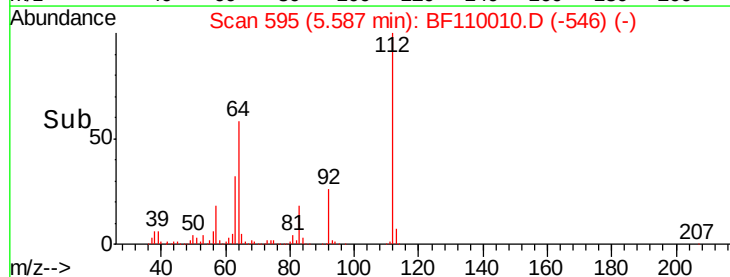


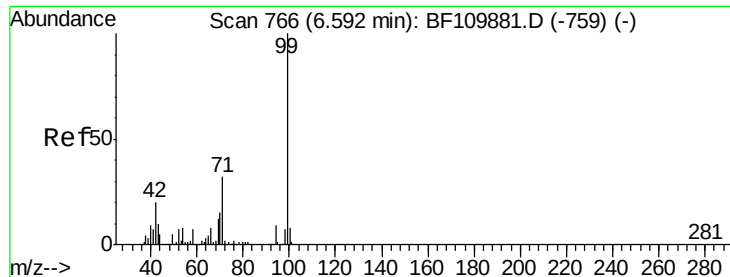
Abundance

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: 24.648 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

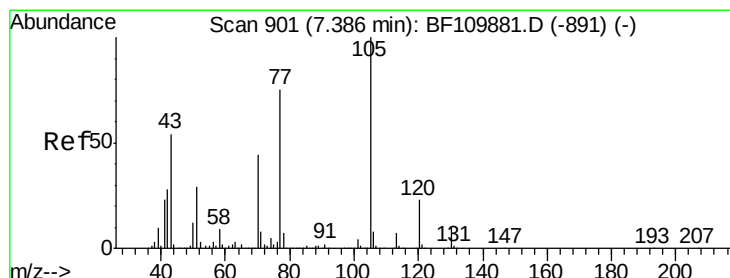
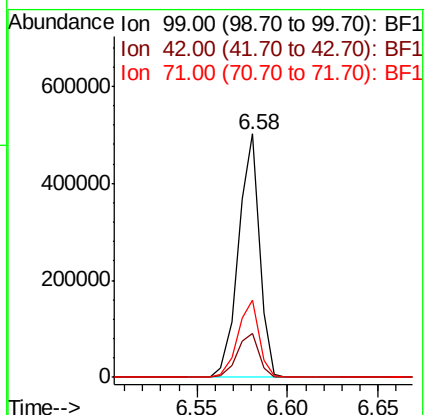
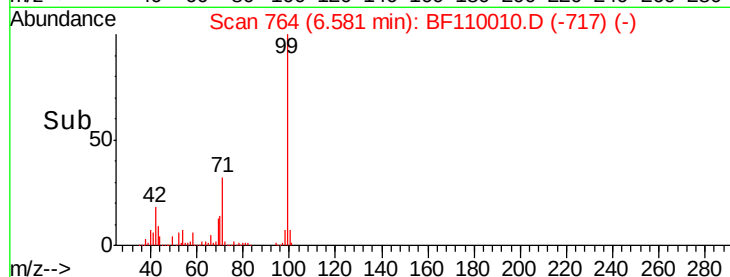
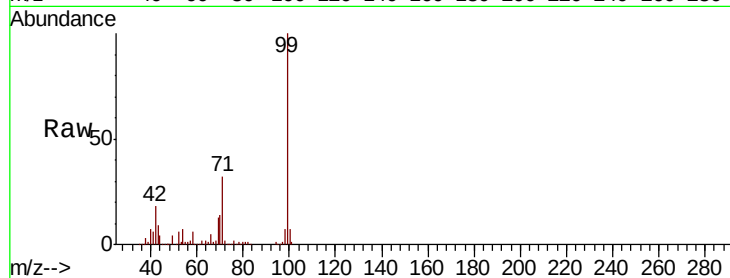
Tot Ion: 99 Resp: 406110

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 31.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.746 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Tgt Ion: 70 Resp: 166579

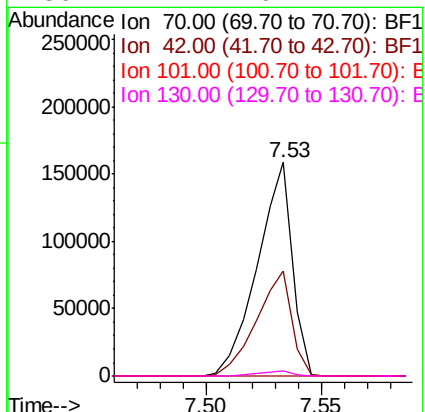
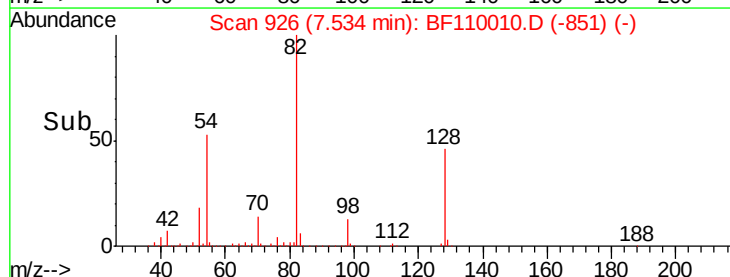
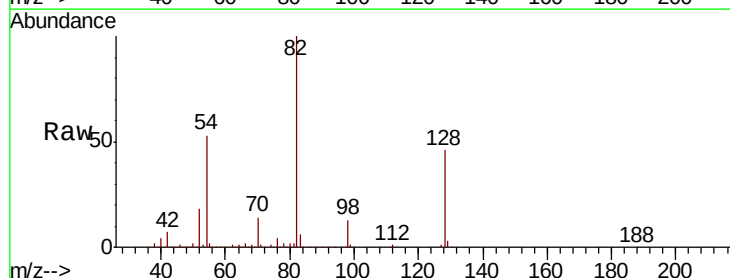
Ion Ratio Lower Upper

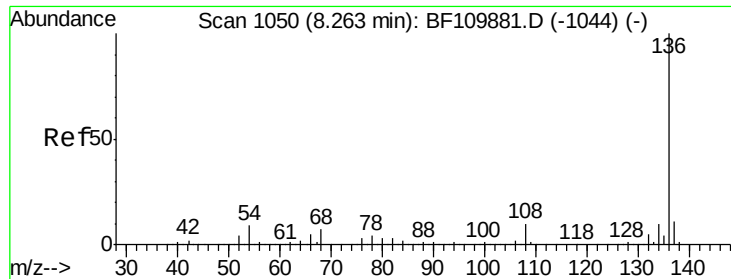
70 100

42 49.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

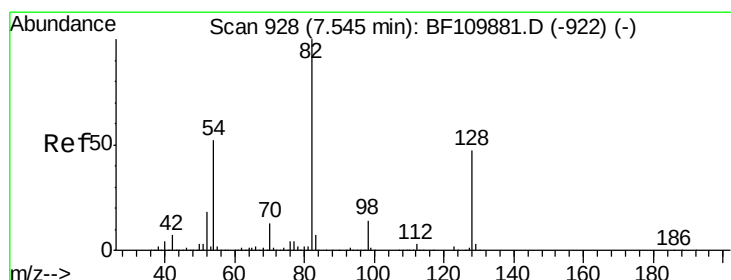
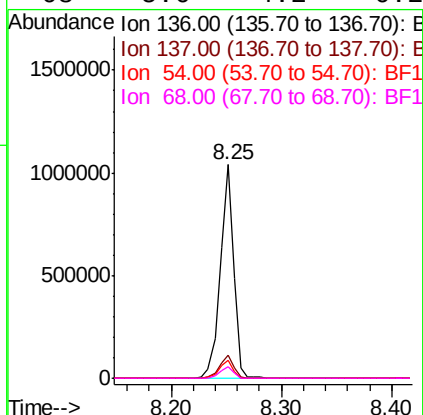
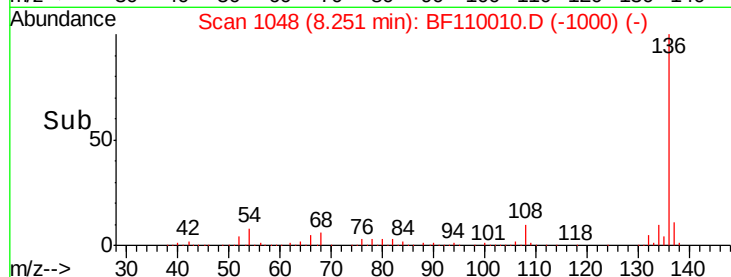
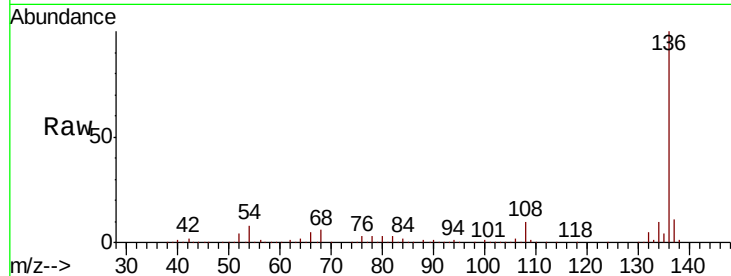




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110010.D
Acq: 19 Oct 2018 18:42

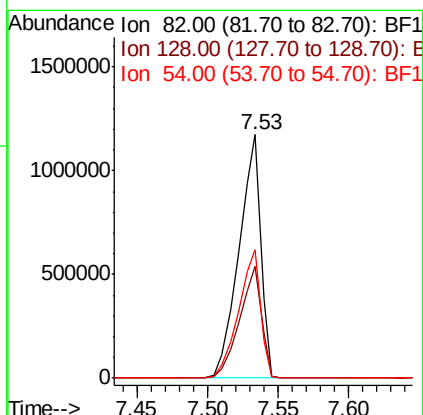
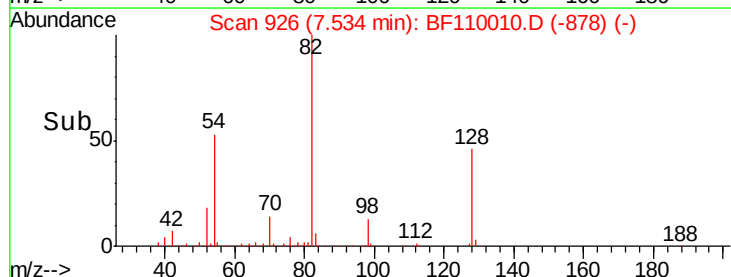
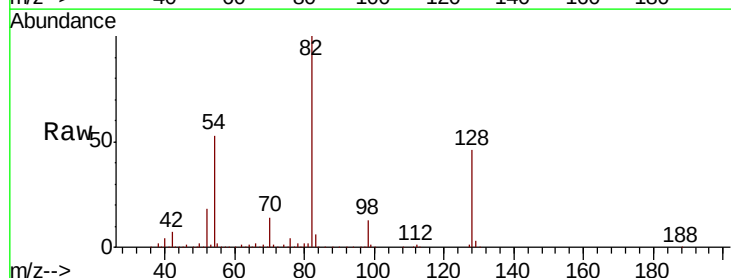
Instrument :
BNA_F
ClientSampleId :

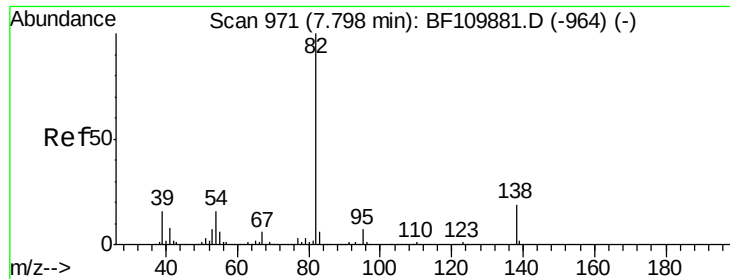
Tot Ion:136	Resp:	876160
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.2	5.4	8.2#
68 5.6	4.2	6.2



#23
Nitrobenzene-d5
Concen: 97.027 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110010.D
Acq: 19 Oct 2018 18:42

Tgt Ion: 82	Resp: 1261965
Ion Ratio	Lower Upper
82 100	
128 46.1	34.2 51.2
54 52.9	38.6 58.0





#25

Isophorone

Concen: 49.244 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

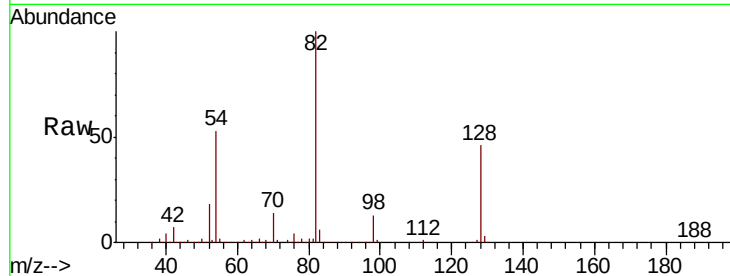
Tot Ion: 82 Resp: 1258497

Ion Ratio Lower Upper

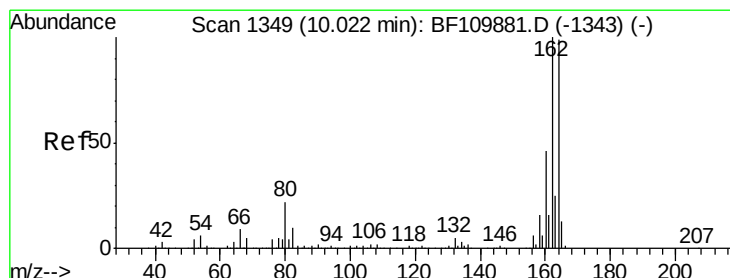
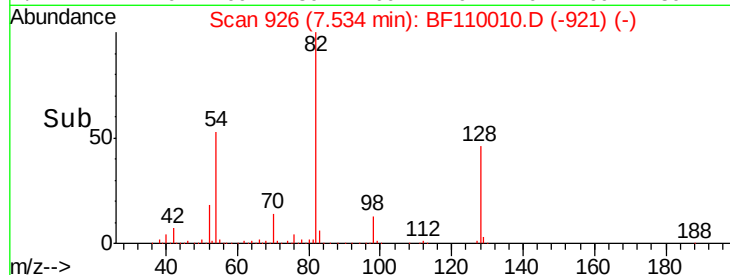
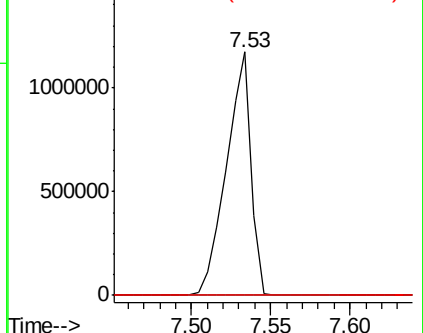
82 100

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: BF110010.D

Acq: 19 Oct 2018 18:42

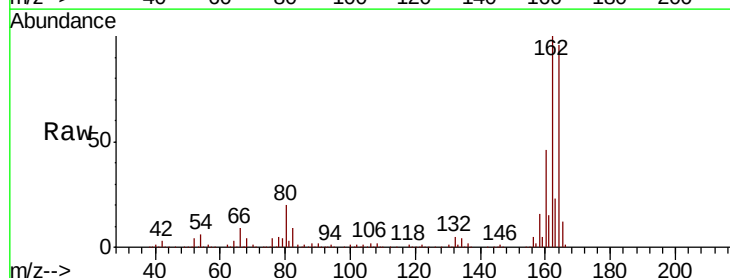
Tgt Ion:164 Resp: 409480

Ion Ratio Lower Upper

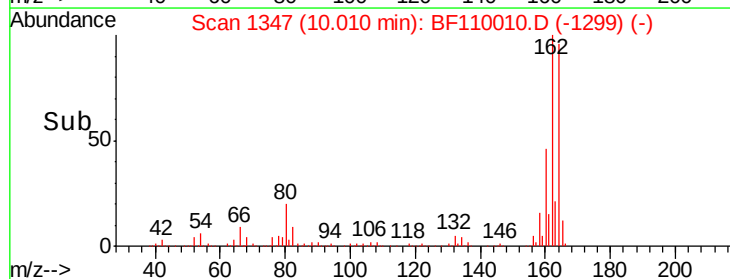
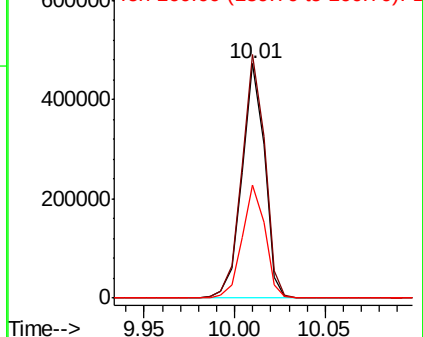
164 100

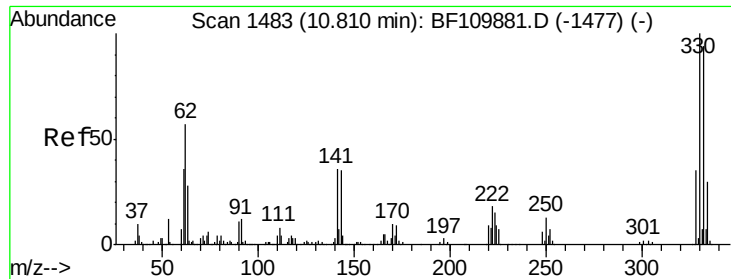
162 103.8 83.0 124.6

160 48.0 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: 90.559 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

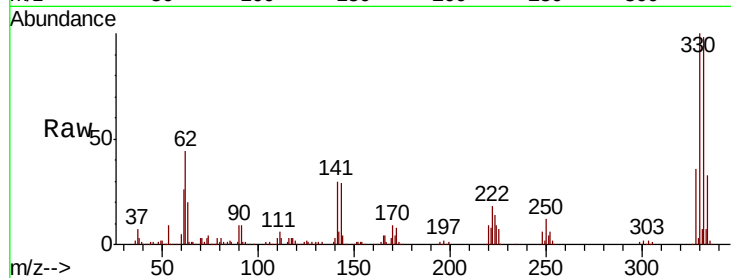
Tot Ion:330 Resp: 321047

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

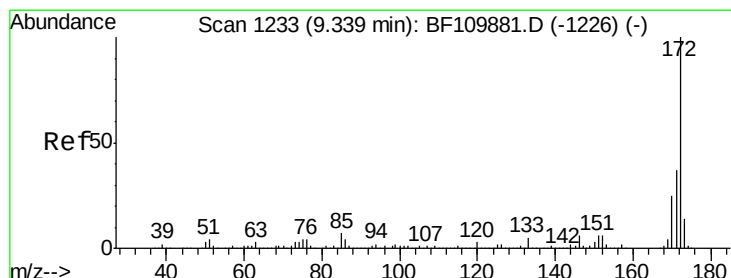
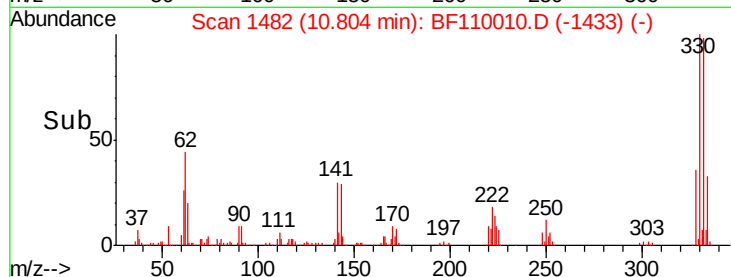
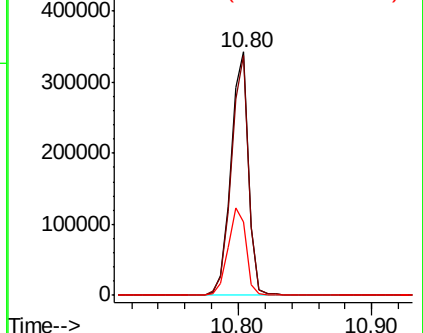
141 36.8 27.0 40.4



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: 85.447 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

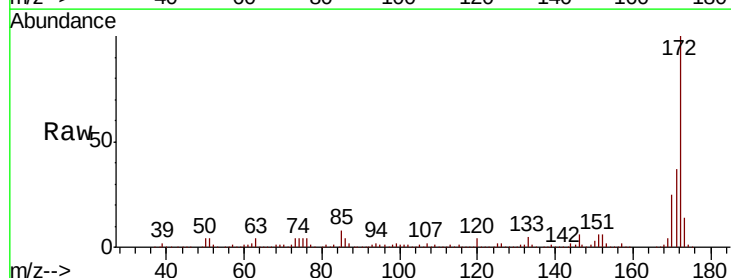
Tgt Ion:172 Resp: 2192755

Ion Ratio Lower Upper

172 100

171 37.1 28.6 43.0

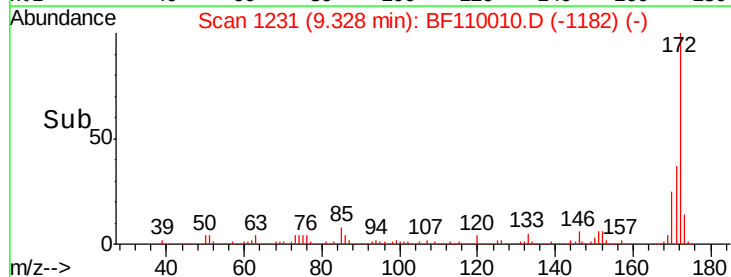
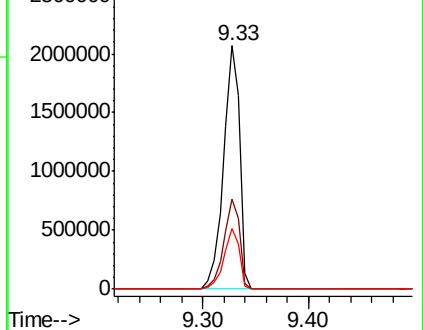
170 24.7 19.7 29.5

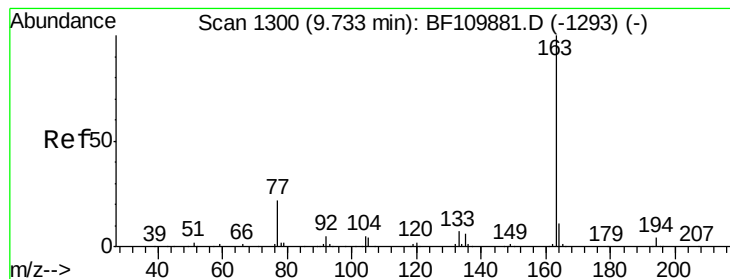


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.935 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

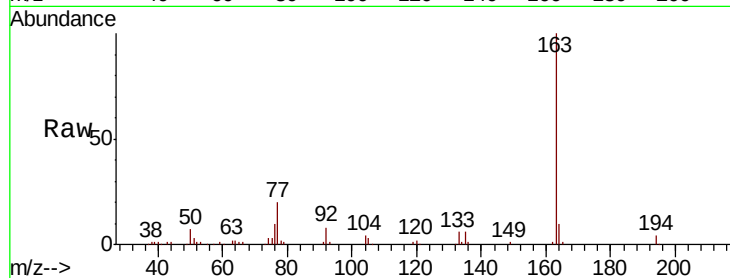
Tot Ion:163 Resp: 85104

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

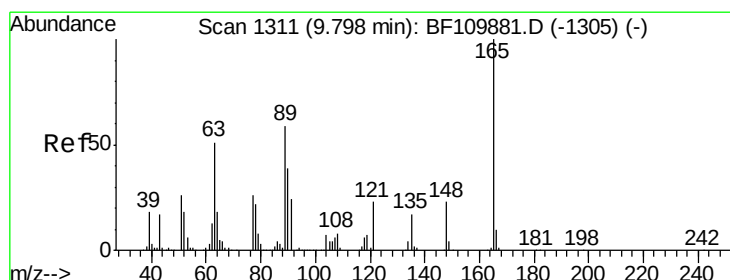
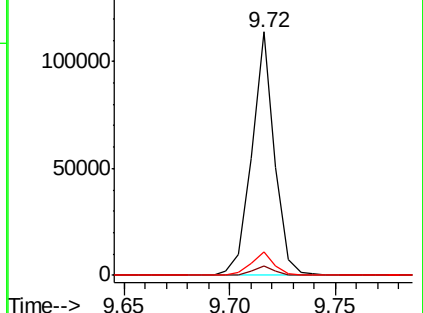
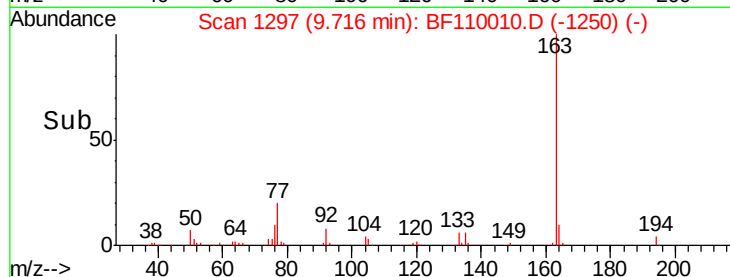
164 9.8 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 9.581 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

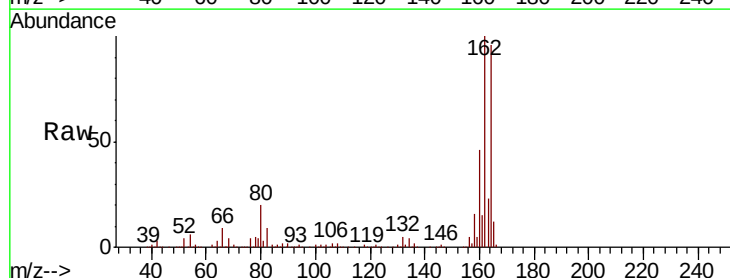
Tgt Ion:165 Resp: 52766

Ion Ratio Lower Upper

165 100

63 1.2 48.9 73.3#

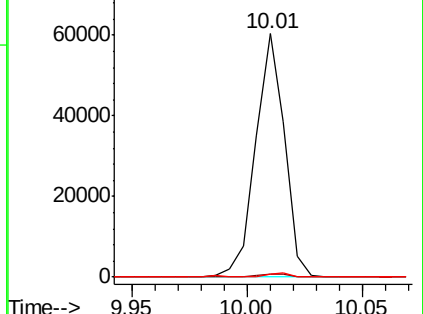
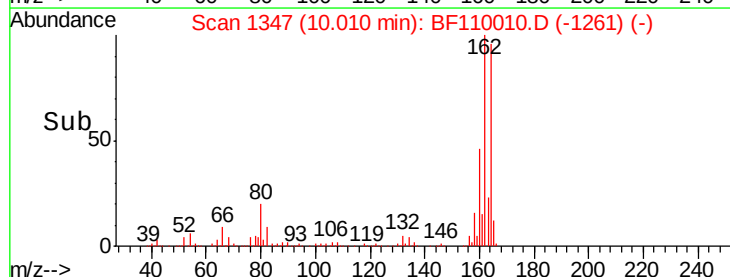
89 1.0 46.6 69.8#

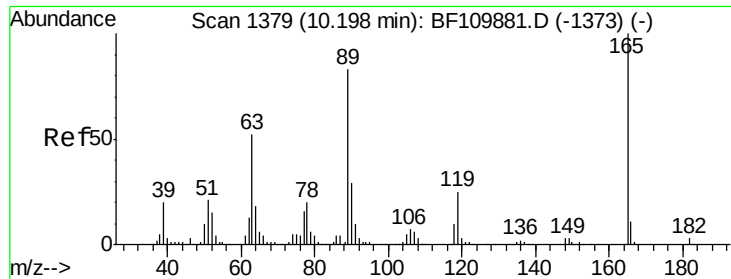


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

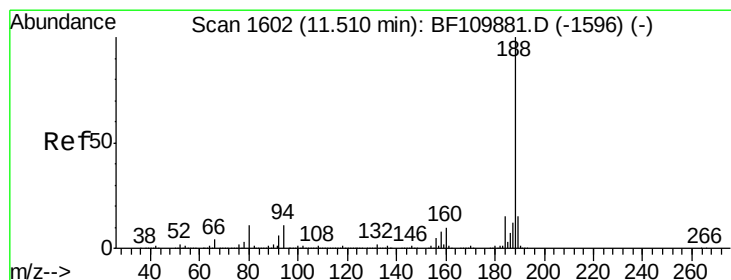
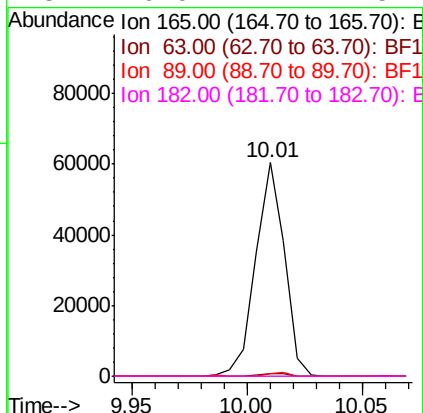
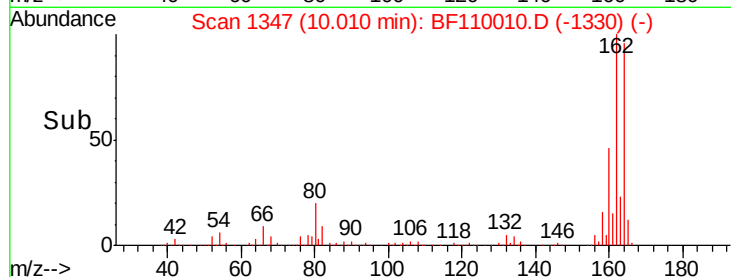
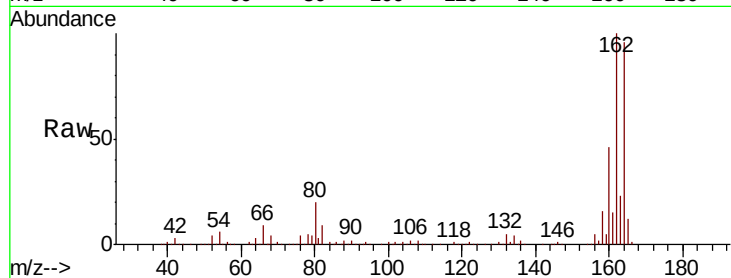




#57
 2,4-Dinitrotoluene
 Concen: 11.444 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110010.D
 Acq: 19 Oct 2018 18:42

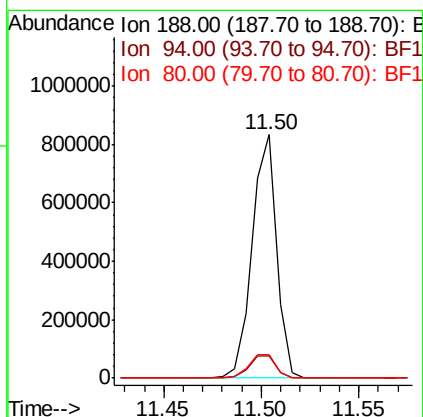
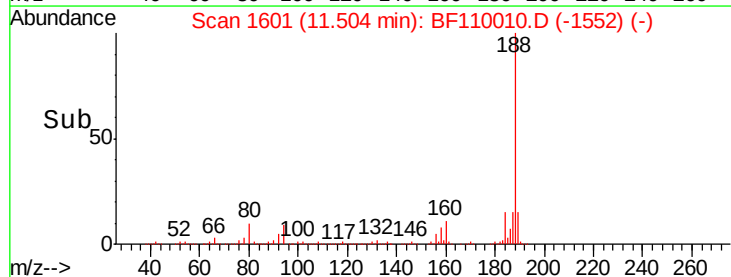
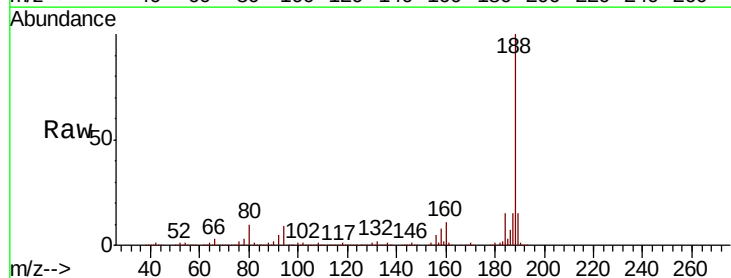
Instrument :
 BNA_F
 ClientSampleId :

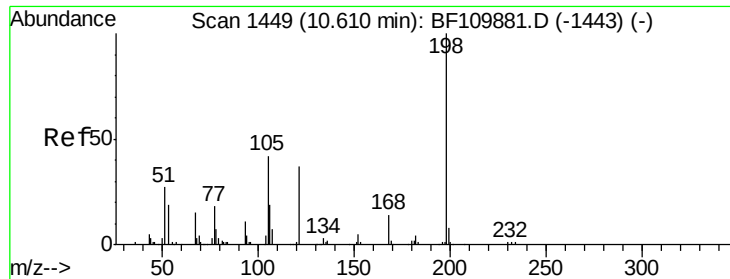
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110010.D
 Acq: 19 Oct 2018 18:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.6	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 8.155 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

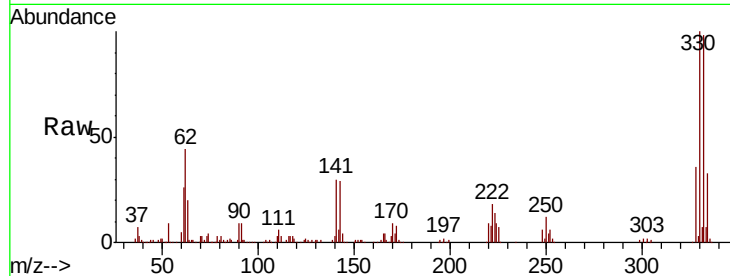
Tot Ion:198 Resp: 788

Ion Ratio Lower Upper

198 100

51 135.2 22.8 62.8#

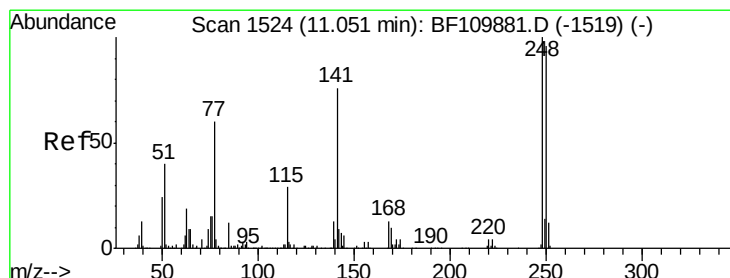
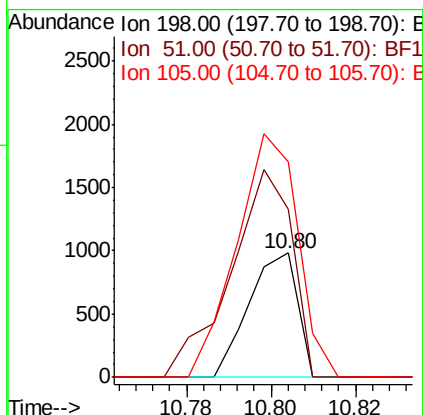
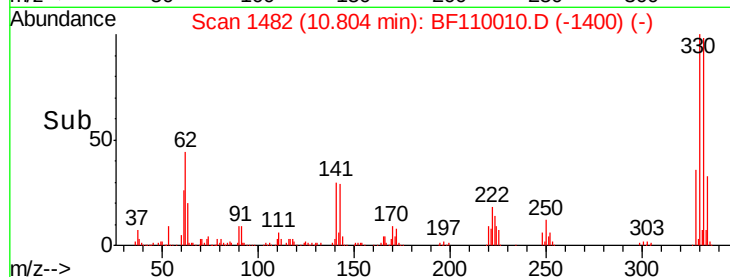
105 174.3 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.616 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

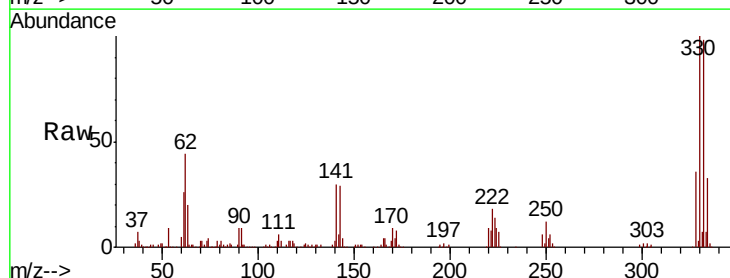
Tgt Ion:248 Resp: 20550

Ion Ratio Lower Upper

248 100

250 199.7 79.4 119.2#

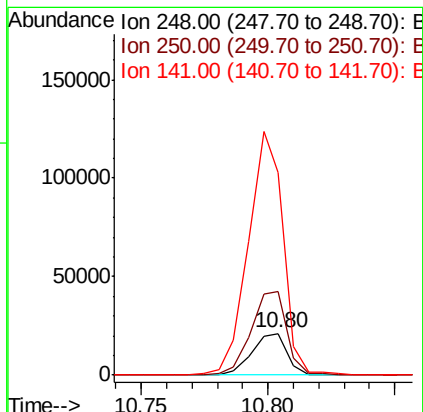
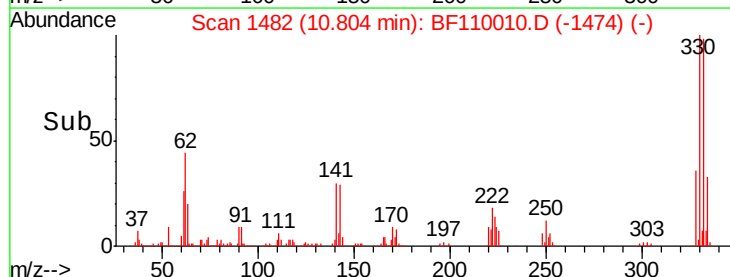
141 483.2 55.9 83.9#

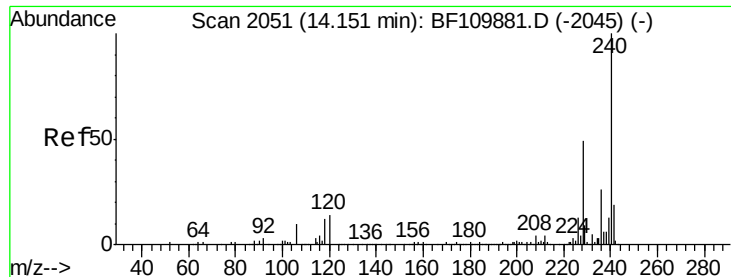


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

Instrument :

BNA_F

ClientSampleId :

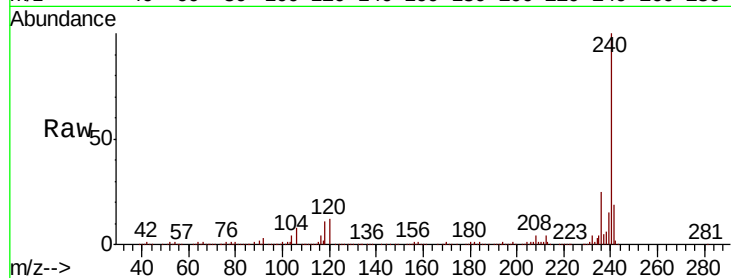
Tot Ion:240 Resp: 510491

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

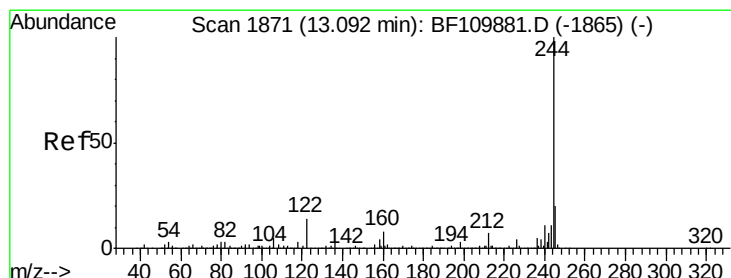
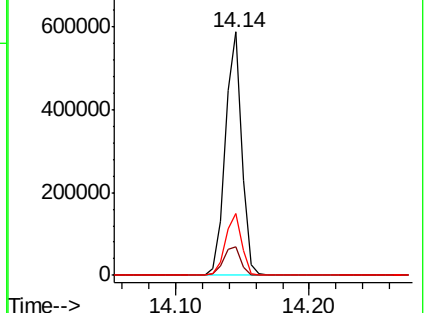
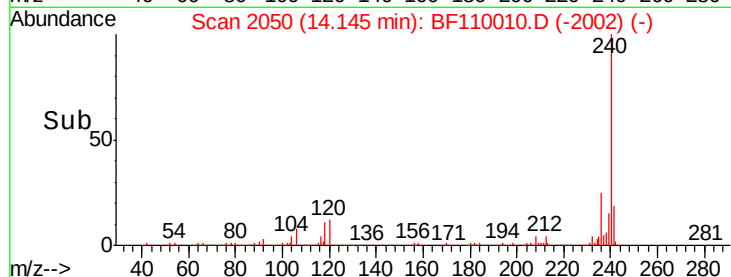
236 25.2 21.2 31.8



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



#79

Terphenyl-d14

Concen: 80.204 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110010.D

Acq: 19 Oct 2018 18:42

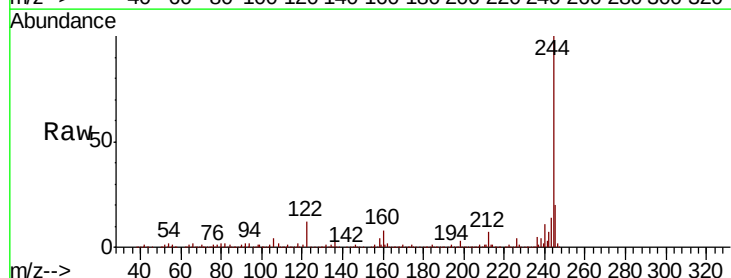
Tgt Ion:244 Resp: 1949764

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

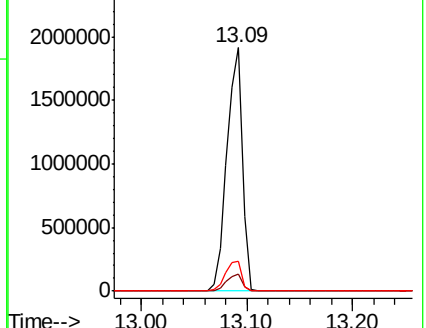
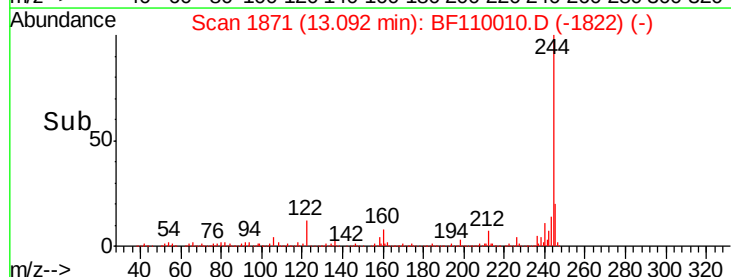
122 12.2 8.7 13.1

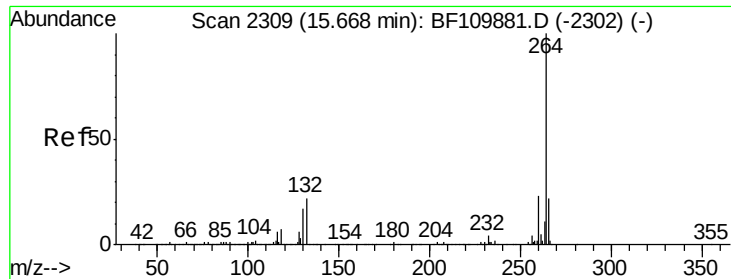


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.66 min Scan# 2308
Delta R.T. -0.03 min
Lab File: BF110010.D
Acq: 19 Oct 2018 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	23.2	16.7	25.1

