

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110030.D
 Acq On : 20 Oct 2018 4:41
 Operator : JU/SJ
 Sample : J5593-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 06:46:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

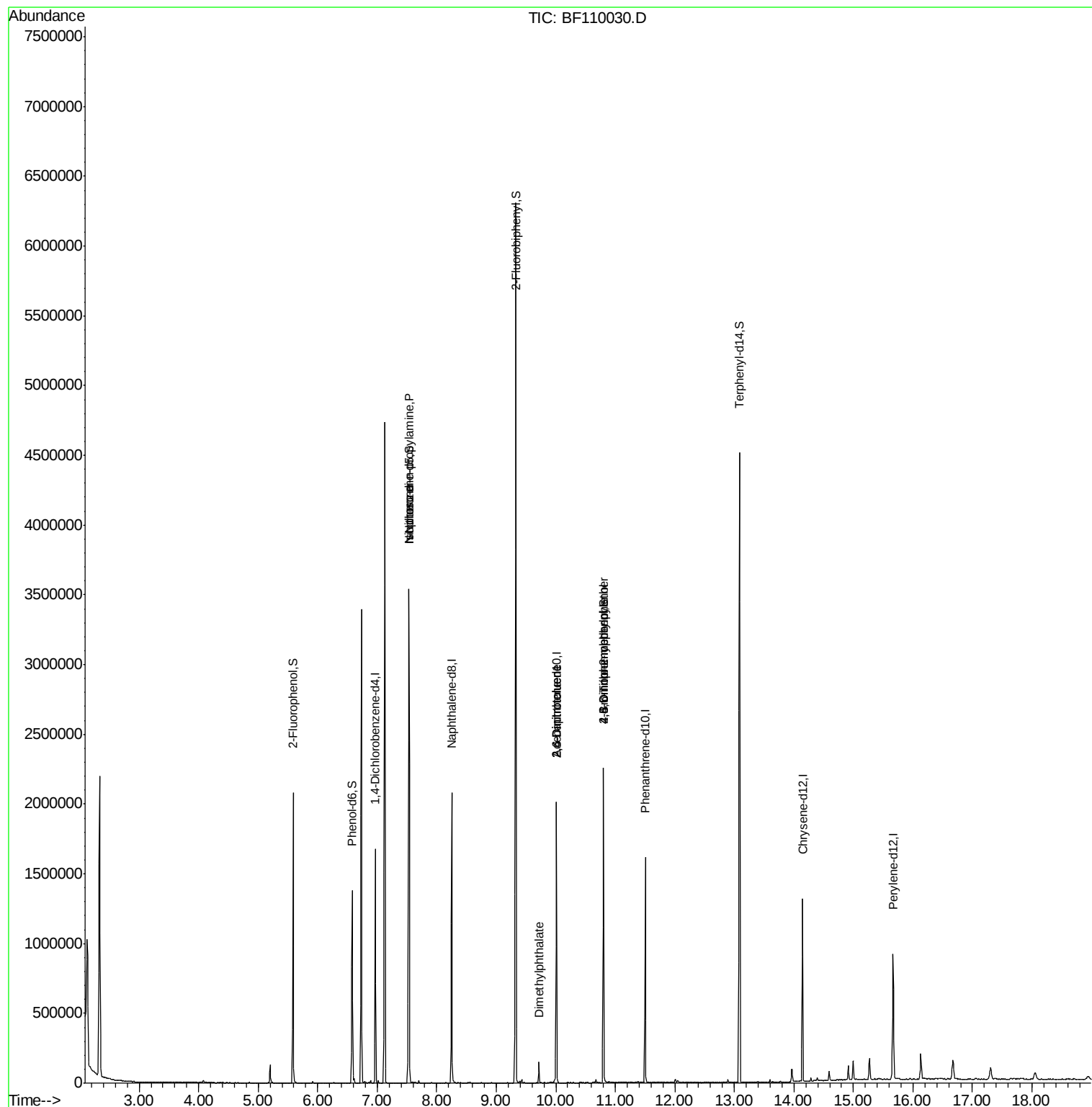
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229355	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	880306	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	373828	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	579203	20.00	ng	0.00
76) Chrysene-d12	14.14	240	406400	20.00	ng	0.00
87) Perylene-d12	15.67	264	340206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	506326	34.99	ng	0.00
7) Phenol-d6	6.58	99	385882	21.48	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1252823	95.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	249583	77.12	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2030511	86.67	ng	0.00
79) Terphenyl-d14	13.09	244	1519055	78.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	166333	14.419	ng	# 81
25) Isophorone	7.53	82	1252808	48.791	ng	# 67
50) Dimethylphthalate	9.72	163	52952	2.000	ng	100
51) 2,6-Dinitrotoluene	10.01	165	48792	9.705	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	48792	11.532	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	543	8.121	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	15875	2.529	ng	# 1

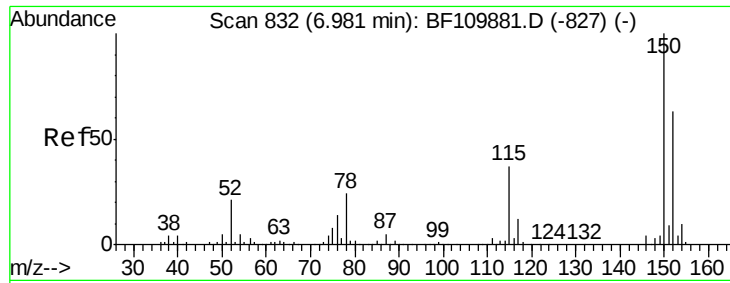
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

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Response via : Initial Calibration



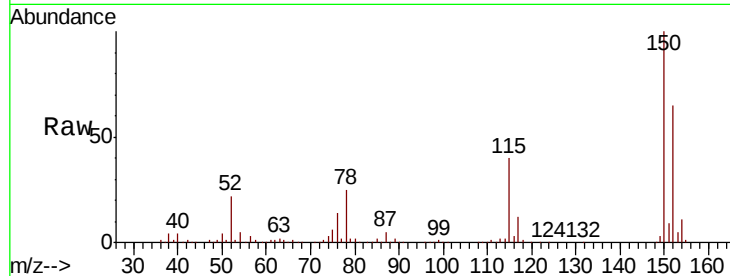


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	62.8	49.1	73.7

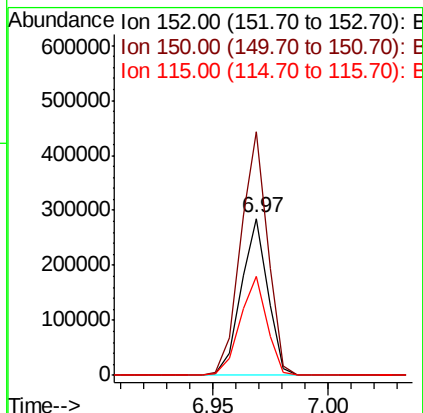
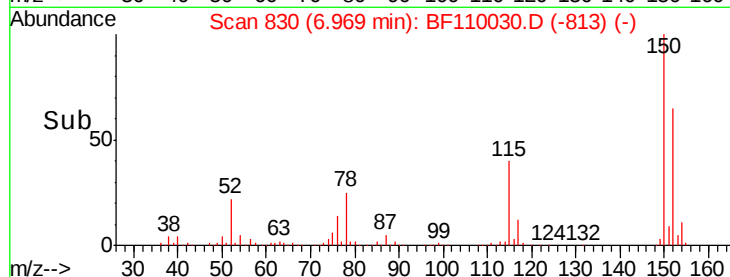


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

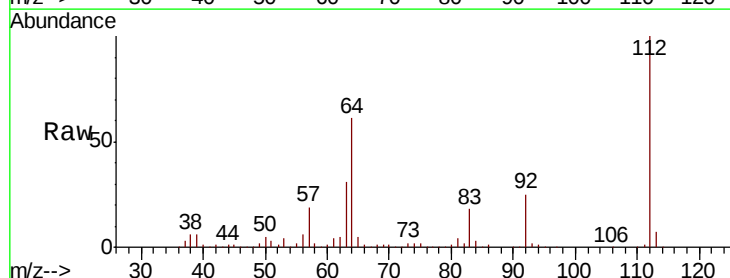
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.994 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	44.1	66.1
63	30.9	23.7	35.5

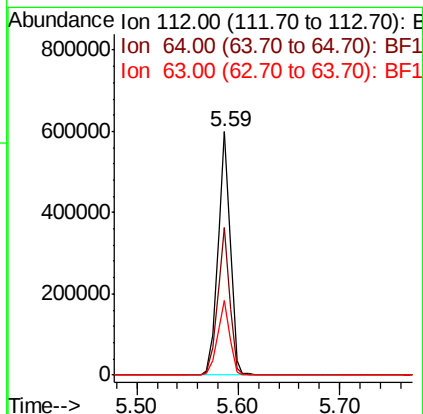
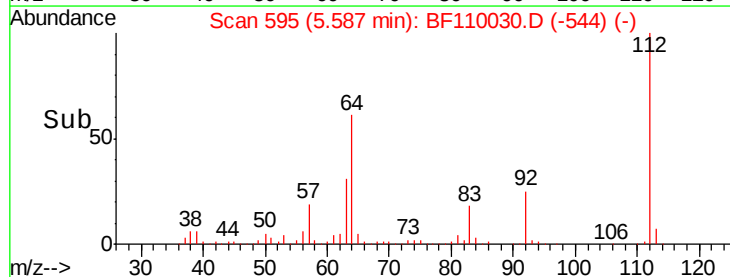


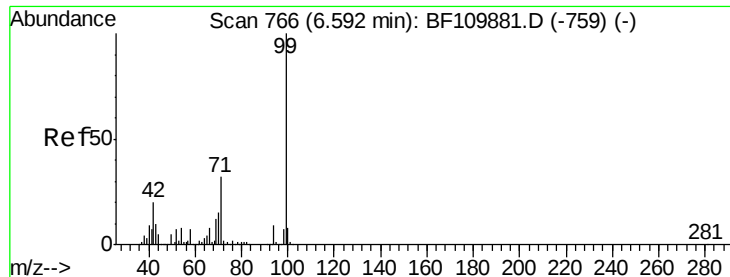
Abundance

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: 21.477 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110030.D

Acq: 20 Oct 2018 4:41

Instrument :

BNA_F

ClientSampleId :

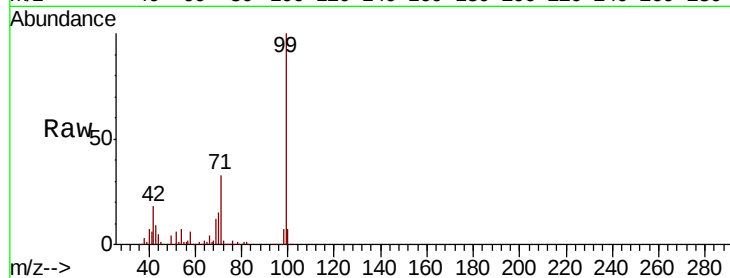
Tot Ion: 99 Resp: 385882

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

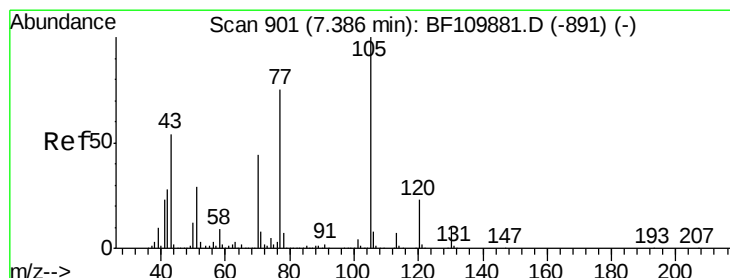
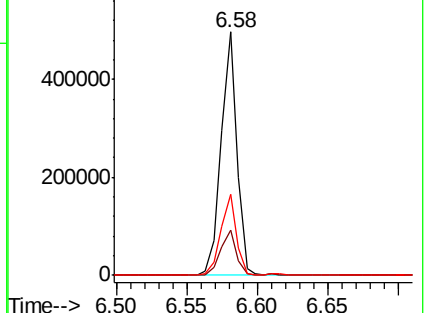
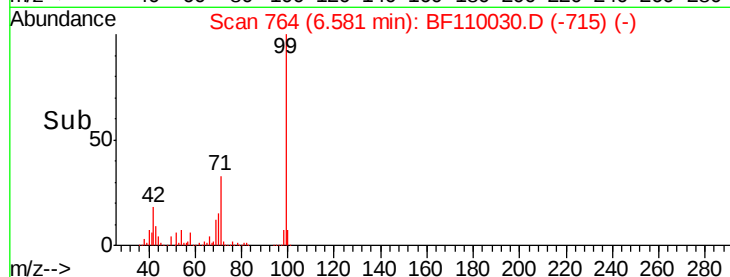
71 33.5 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.419 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF110030.D

Acq: 20 Oct 2018 4:41

Tgt Ion: 70 Resp: 166333

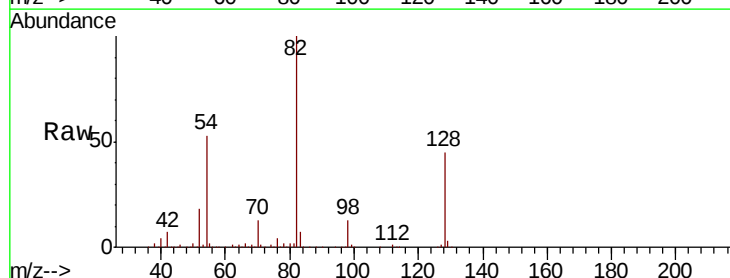
Ion Ratio Lower Upper

70 100

42 50.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

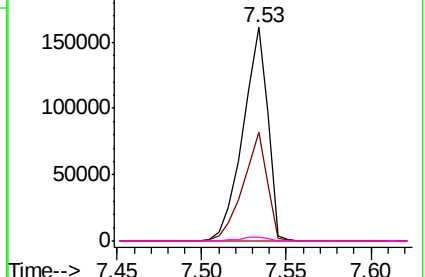
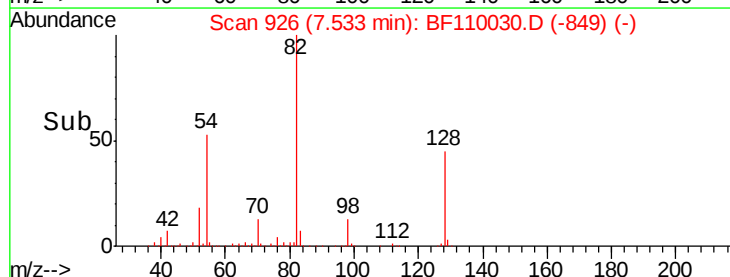


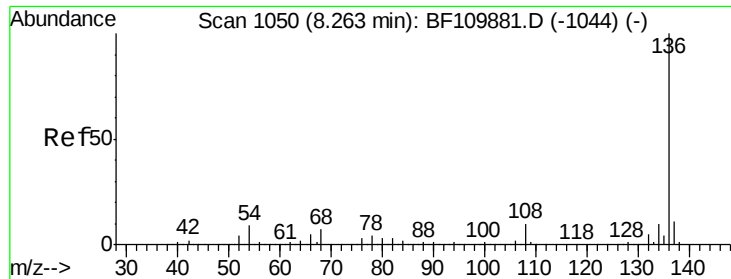
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

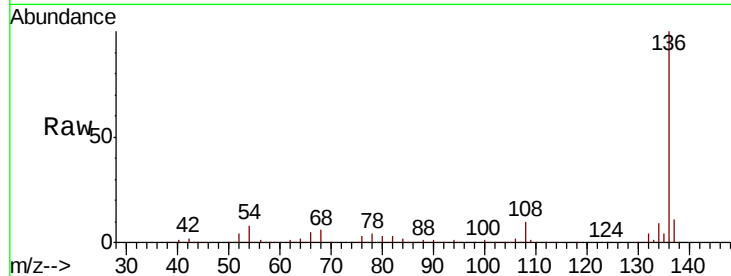




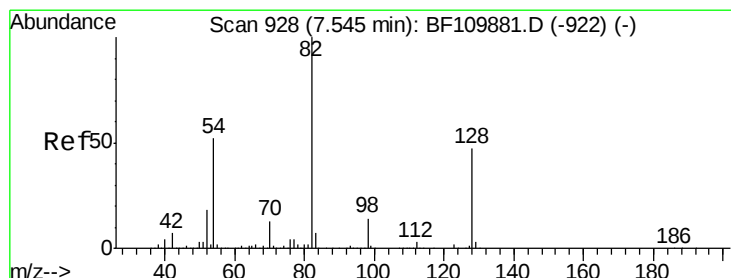
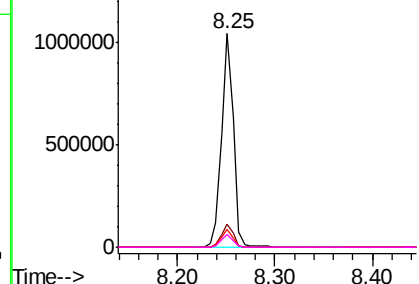
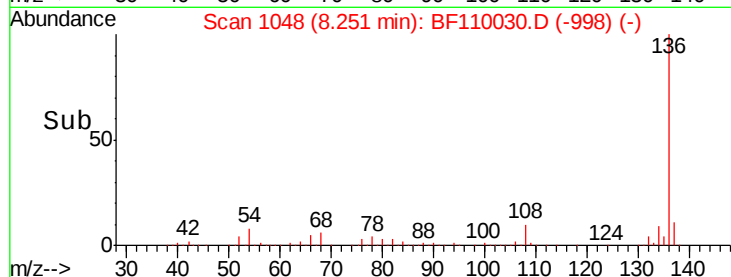
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	880306
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.3	5.4 8.2#
68	5.9	4.2 6.2

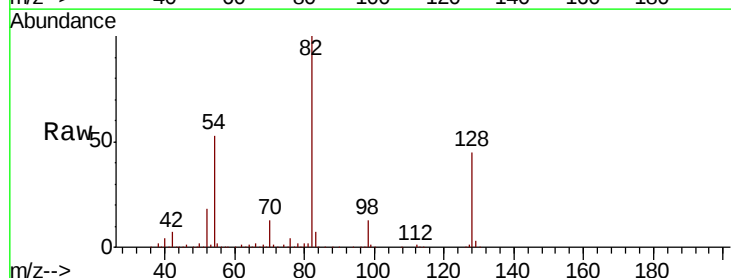


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

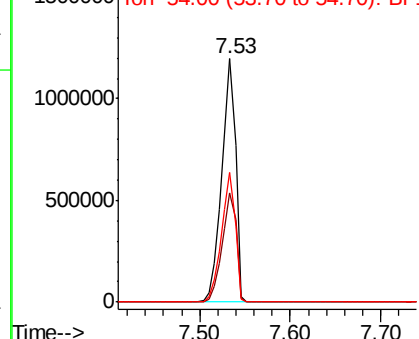
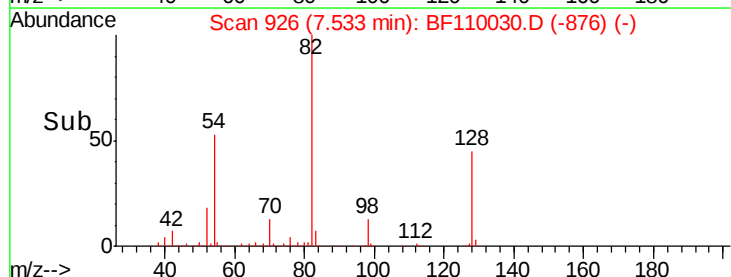


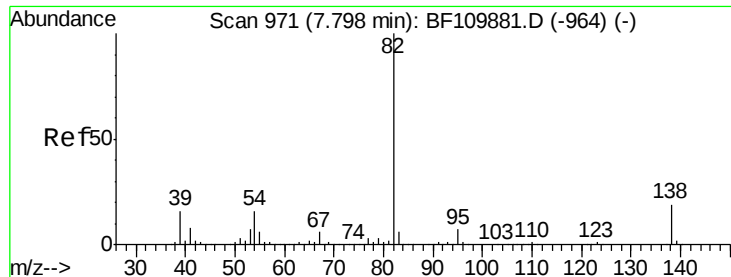
#23
Nitrobenzene-d5
Concen: 95.870 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion: 82	Resp:	1252823
Ion Ratio	Lower	Upper
82	100	
128	44.9	34.2 51.2
54	53.4	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: 48.791 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF110030.D

Acq: 20 Oct 2018 4:41

Instrument :

BNA_F

ClientSampleId :

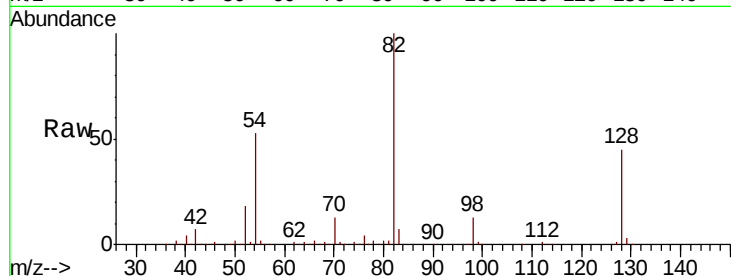
Tot Ion: 82 Resp: 1252808

Ion Ratio Lower Upper

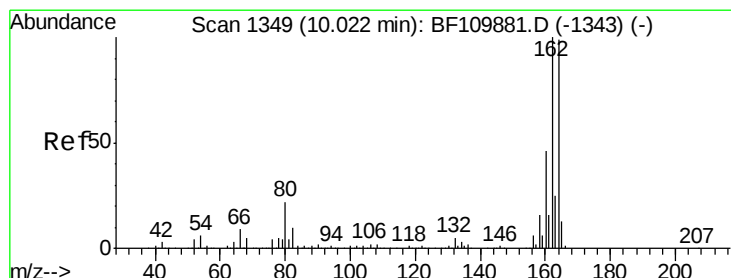
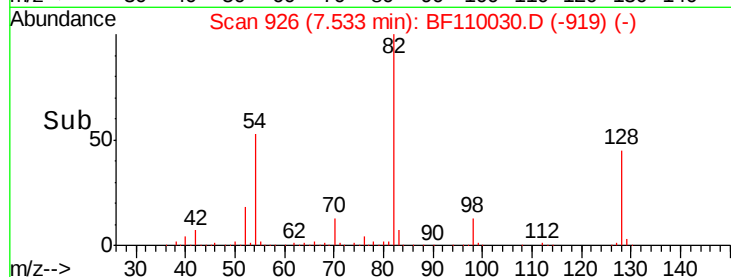
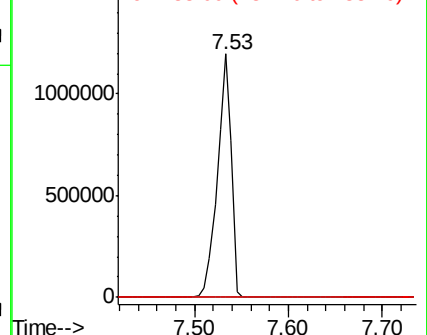
82 100

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. -0.01 min

Lab File: BF110030.D

Acq: 20 Oct 2018 4:41

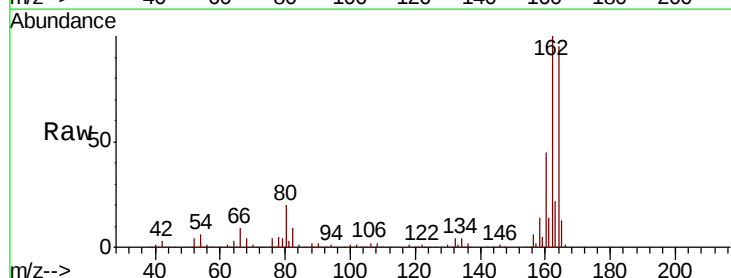
Tgt Ion: 164 Resp: 373828

Ion Ratio Lower Upper

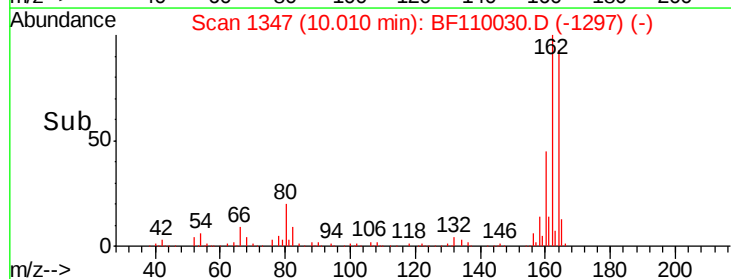
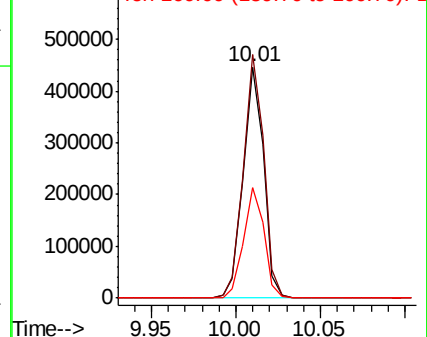
164 100

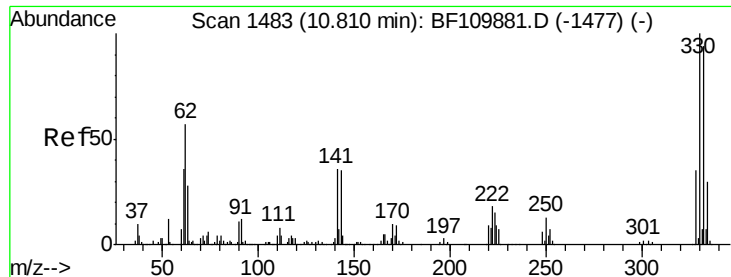
162 105.5 83.0 124.6

160 47.8 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

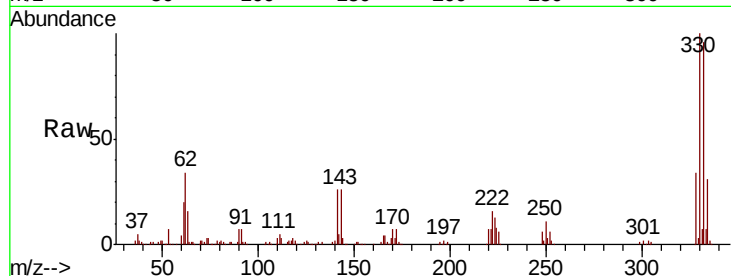




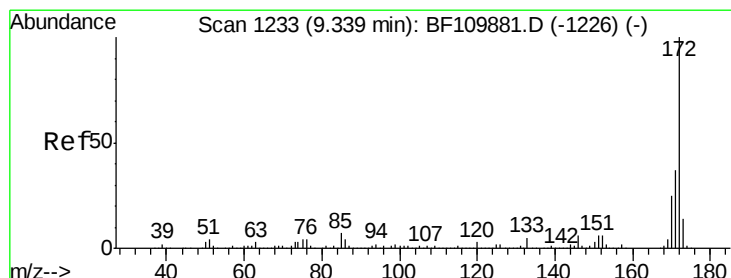
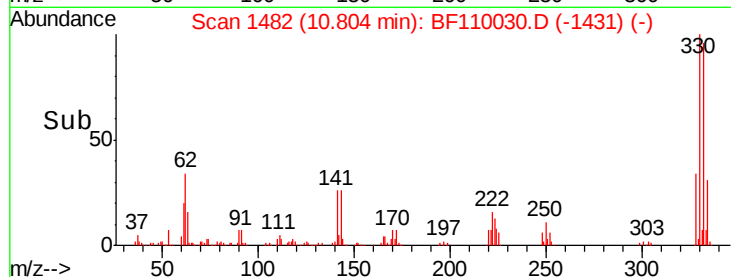
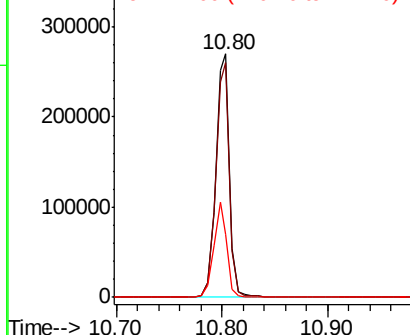
#42
 2,4,6-Tribromophenol
 Concen: 77.115 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF110030.D
 Acq: 20 Oct 2018 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	36.7	27.0	40.4

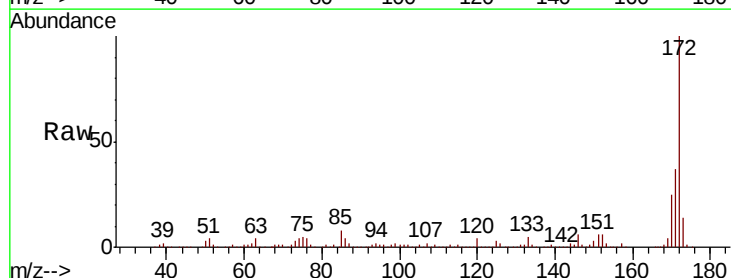


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

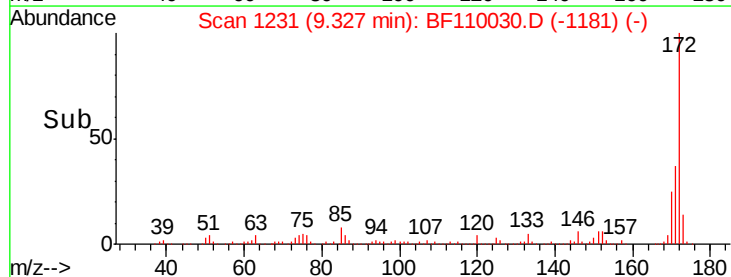
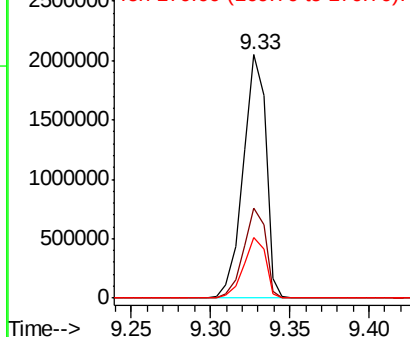


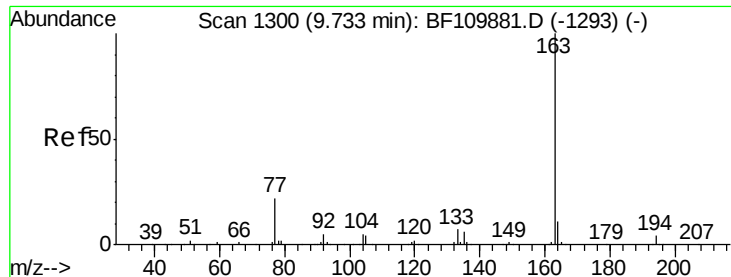
#45
 2-Fluorobiphenyl
 Concen: 86.671 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110030.D
 Acq: 20 Oct 2018 4:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.8	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

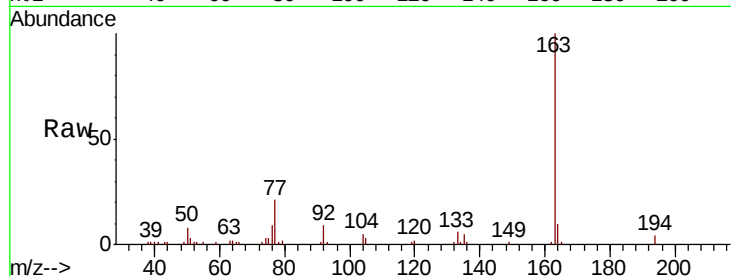




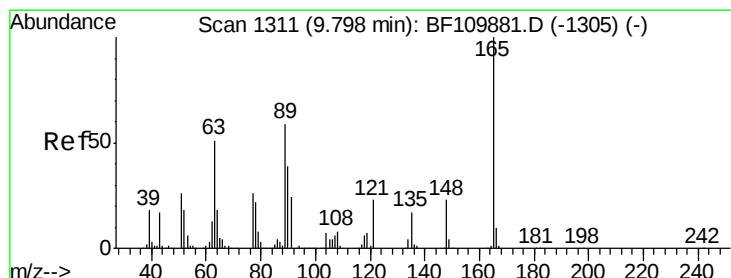
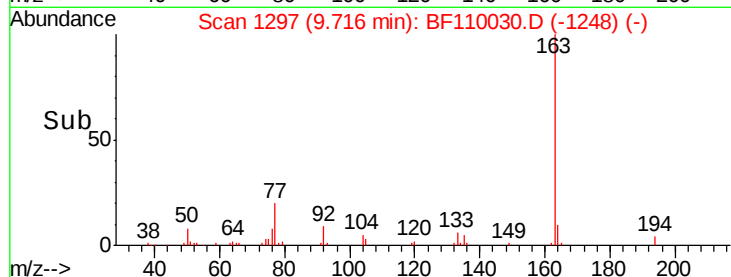
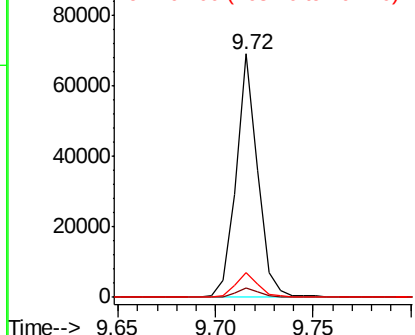
#50
Dimethylphthalate
Concen: 2.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 52952
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.1 12.1

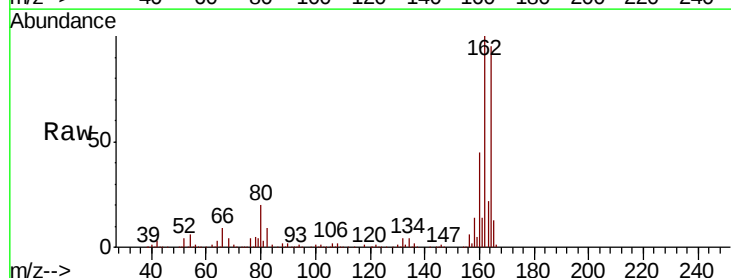


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

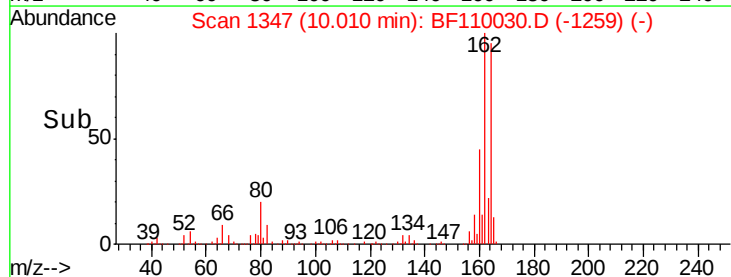
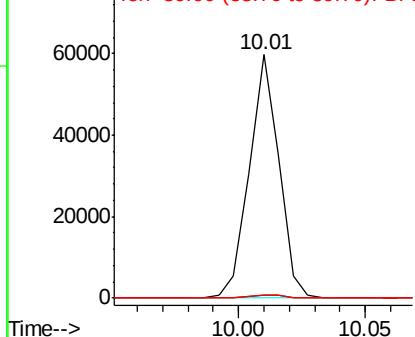


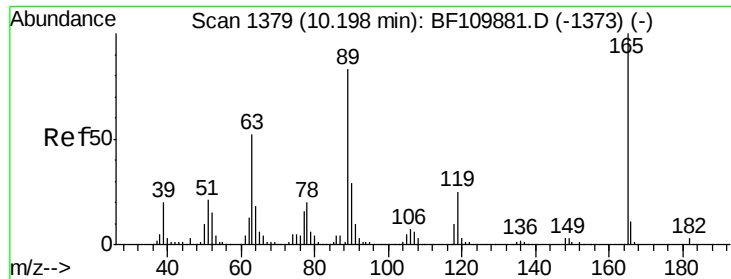
#51
2,6-Dinitrotoluene
Concen: 9.705 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:165 Resp: 48792
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.2 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

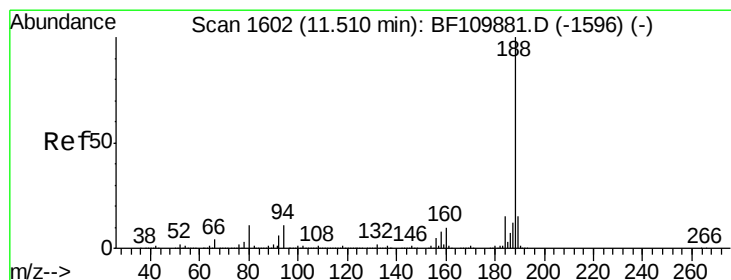
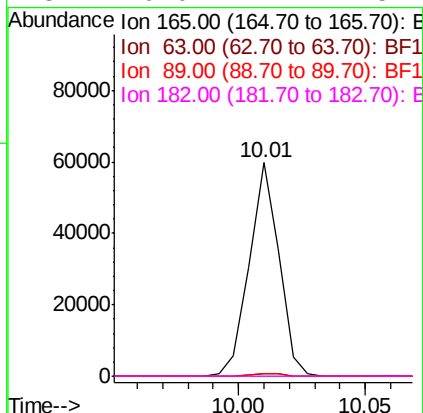
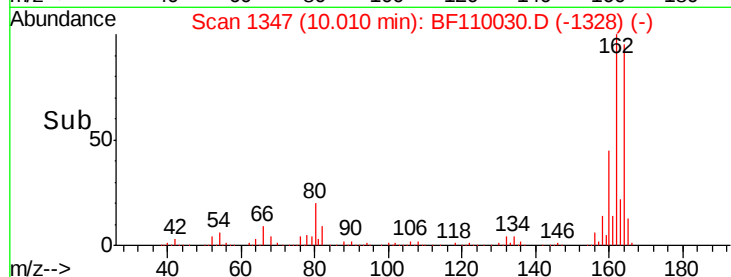
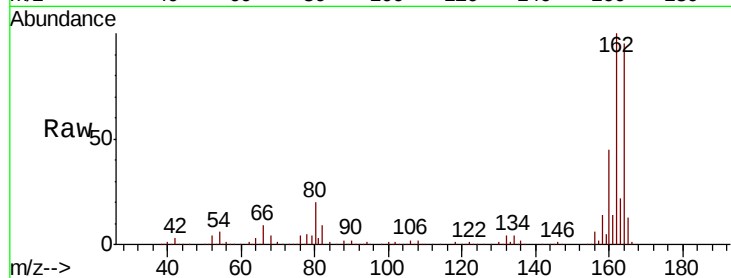




#57
2,4-Dinitrotoluene
Concen: 11.532 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

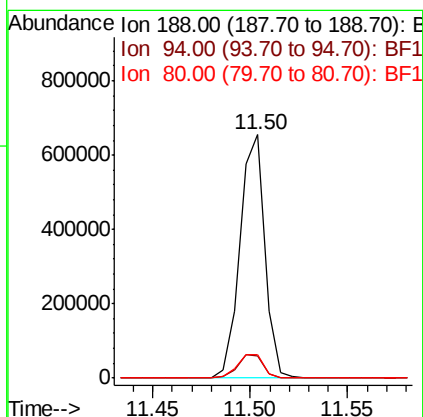
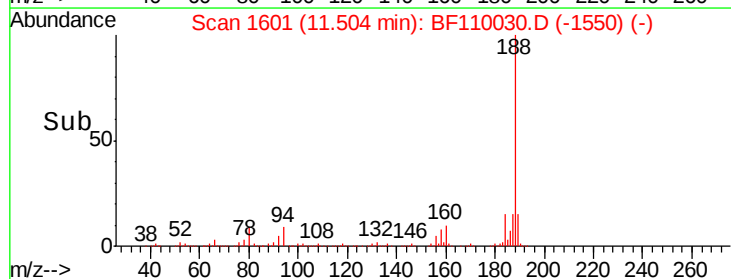
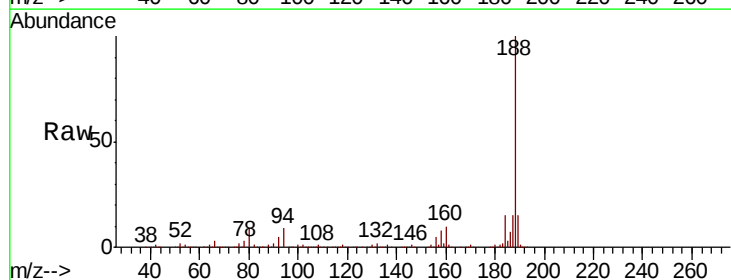
Instrument :
BNA_F
ClientSampleId :

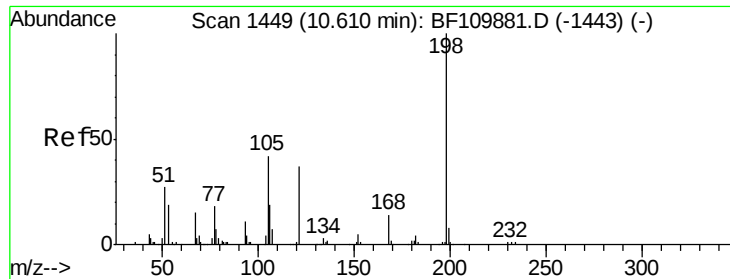
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.5	7.9	11.9

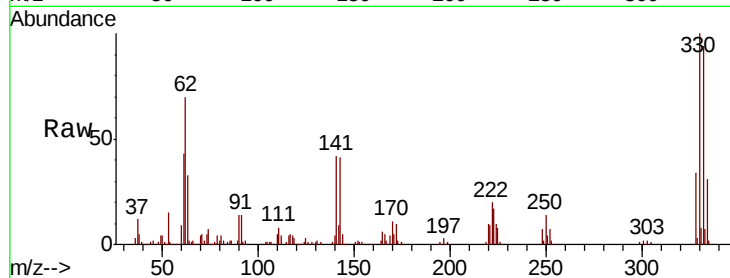




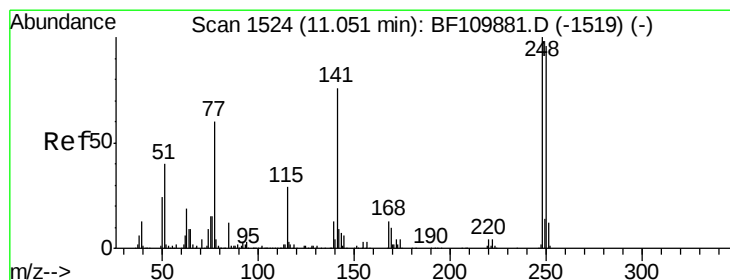
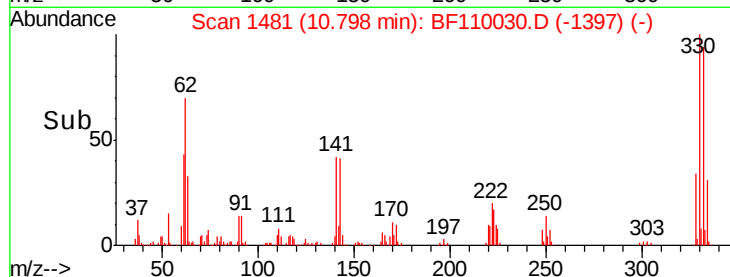
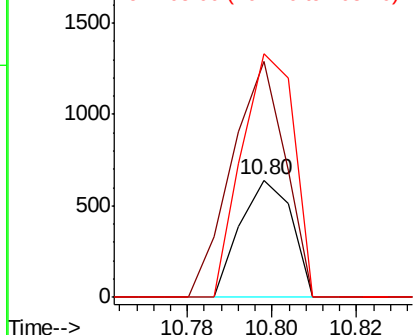
#65
4,6-Dinitro-2-methylphenol
Concen: 8.121 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 201.2 22.8 62.8#
105 207.6 23.6 63.6#

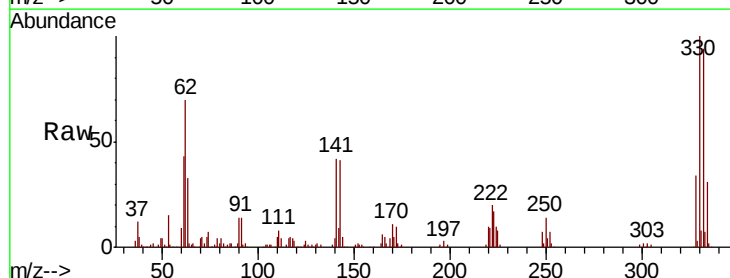


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

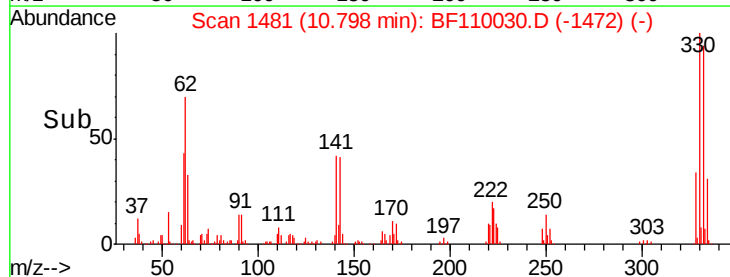
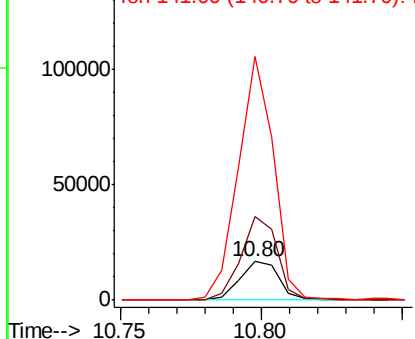


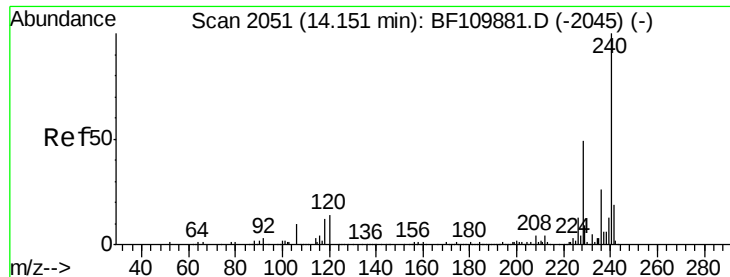
#67
4-Bromophenyl-phenylether
Concen: 2.529 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.25 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:248 Resp: 15875
Ion Ratio Lower Upper
248 100
250 218.5 79.4 119.2#
141 633.7 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

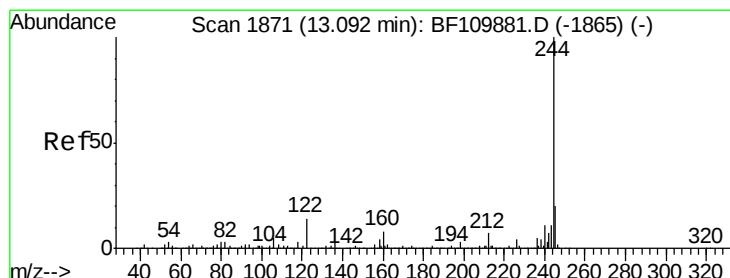
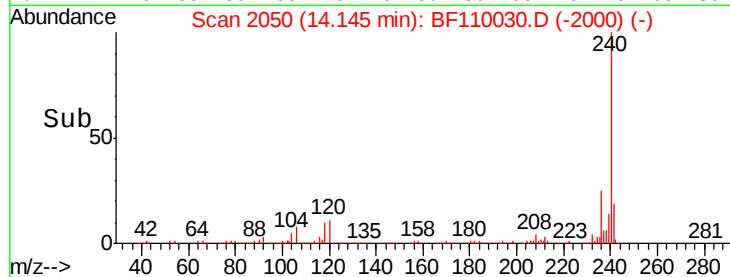
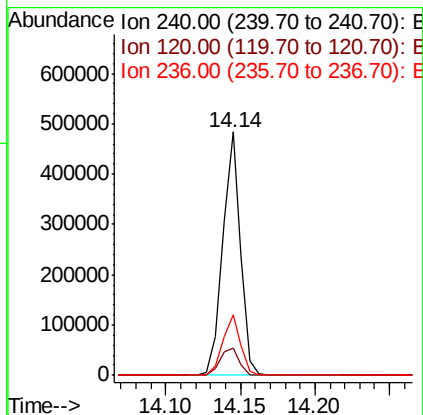
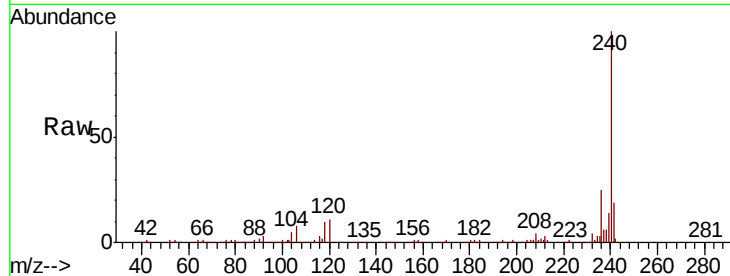




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

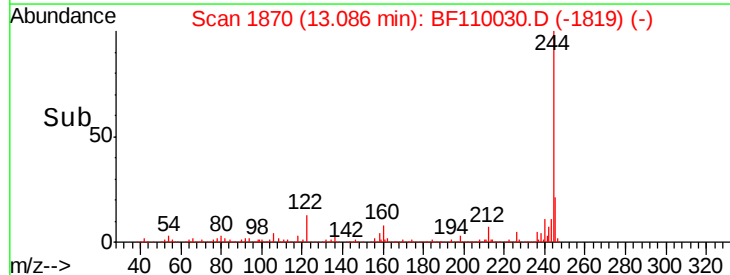
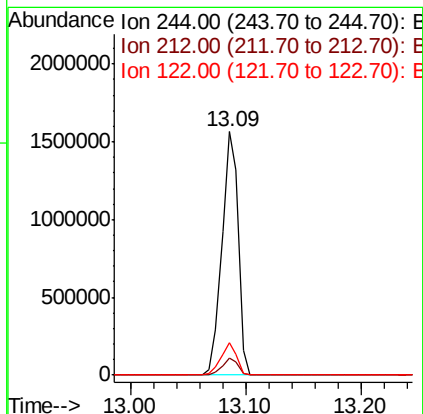
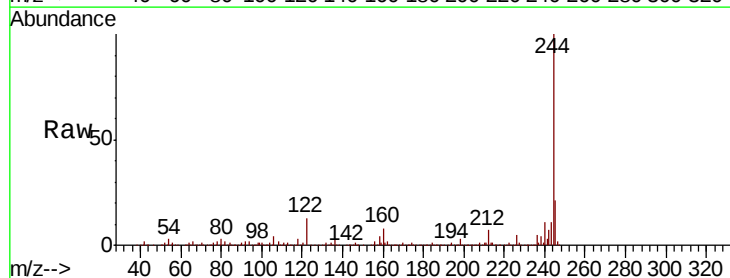
Instrument :
BNA_F
ClientSampleId :

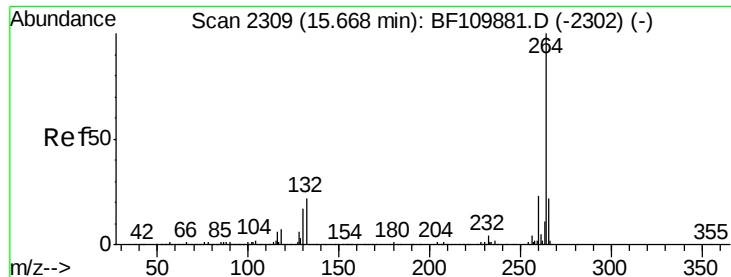
Tot Ion:240 Resp: 406400
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 25.1 21.2 31.8



#79
Terphenyl-d14
Concen: 78.492 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Tgt Ion:244 Resp: 1519055
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.5 8.7 13.1#

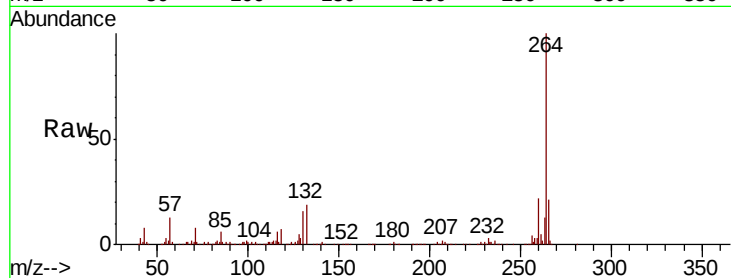




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF110030.D
Acq: 20 Oct 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	340206
Ion	Ratio	Lower	Upper
264	100		
260	22.4	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

