

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110048.D
 Acq On : 22 Oct 2018 14:57
 Operator : JU/SJ
 Sample : J5590-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:08:48 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

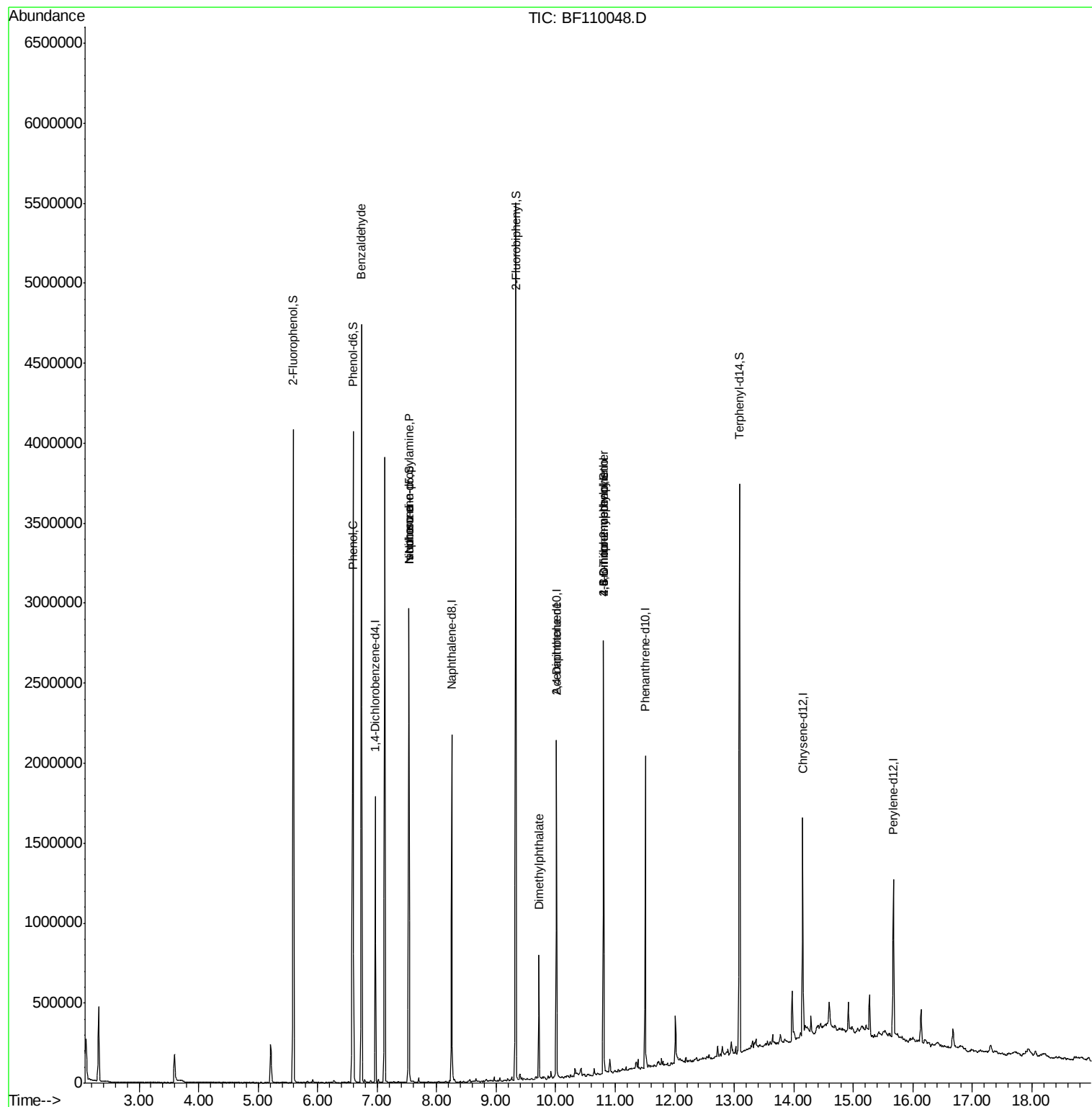
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	232757	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	927093	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	409540	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	650800	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	460677	20.00	ng	-0.02
87) Perylene-d12	15.67	264	377497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1217163	82.89	ng	0.00
7) Phenol-d6	6.59	99	1577263	86.50	ng	-0.01
23) Nitrobenzene-d5	7.53	82	961936	69.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	309158	87.19	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1586345	61.81	ng	-0.01
79) Terphenyl-d14	13.09	244	1187581	54.13	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.74	77	27881	2.353	ng	87
10) Phenol	6.60	94	136349	6.926	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	128577	10.983	ng	# 80
25) Isophorone	7.53	82	961923	35.572	ng	# 67
50) Dimethylphthalate	9.72	163	256444	8.843	ng	99
57) 2,4-Dinitrotoluene	10.01	165	54623	11.684	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	771	8.178	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	20709	2.936	ng	# 1

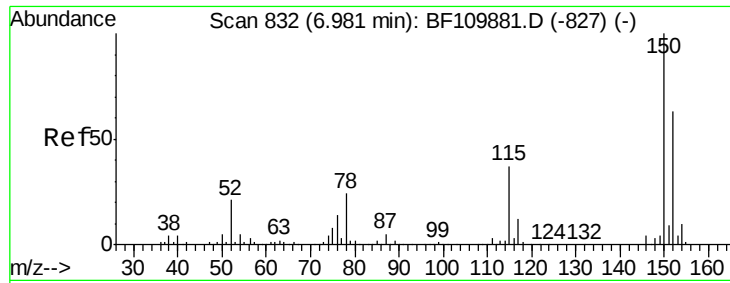
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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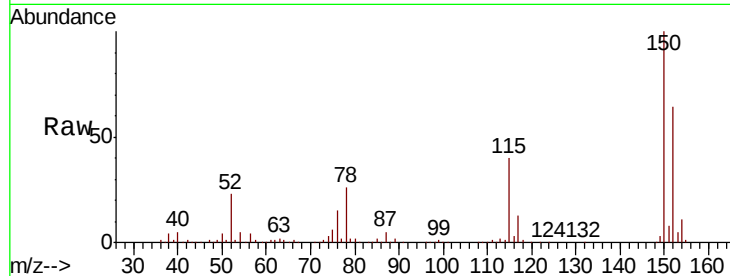


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.7	184.1
115	62.3	49.1	73.7

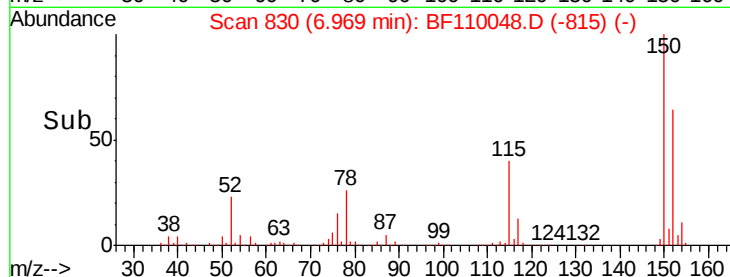
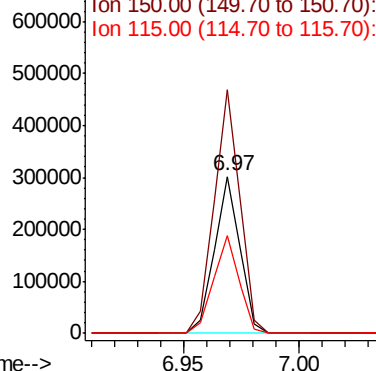


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

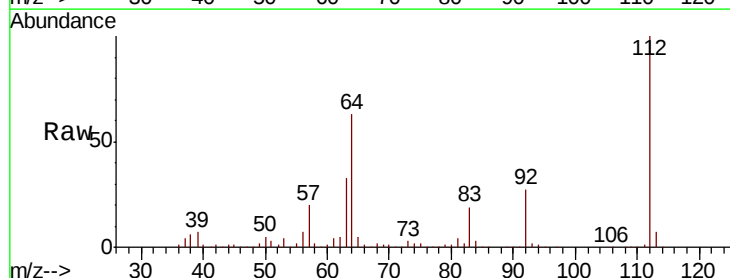
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.892 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	44.1	66.1
63	33.2	23.7	35.5

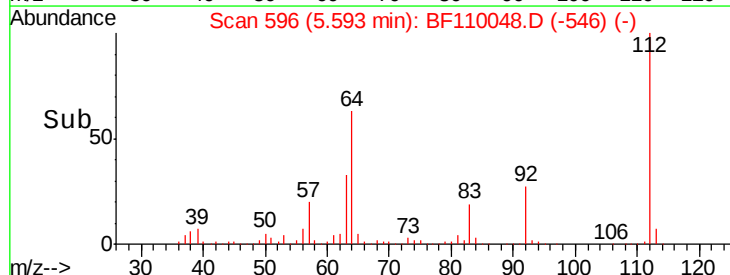
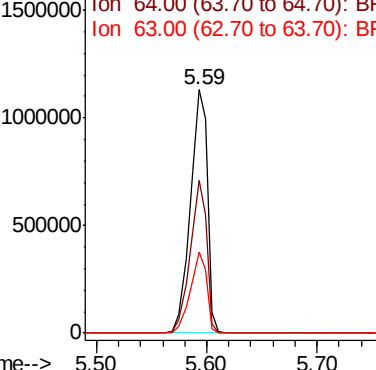


Abundance

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: 86.504 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

Instrument :

BNA_F

ClientSampleId :

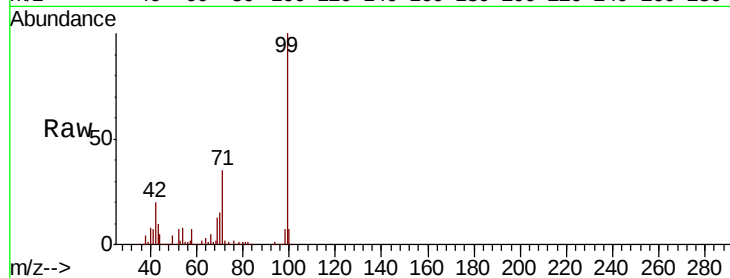
Tot Ion: 99 Resp: 1577263

Ion Ratio Lower Upper

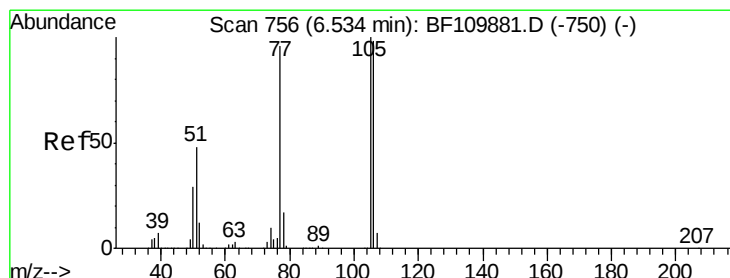
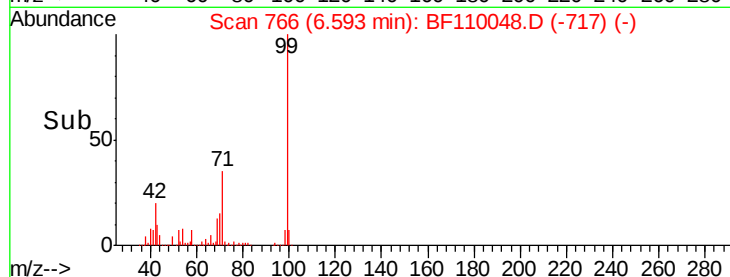
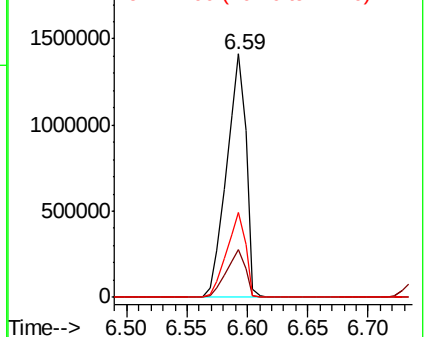
99 100

42 19.5 15.8 23.6

71 34.9 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: 2.353 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

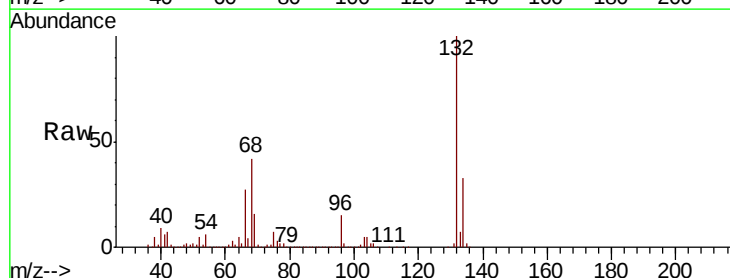
Tgt Ion: 77 Resp: 27881

Ion Ratio Lower Upper

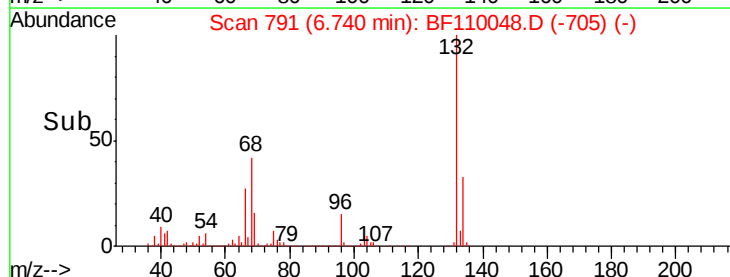
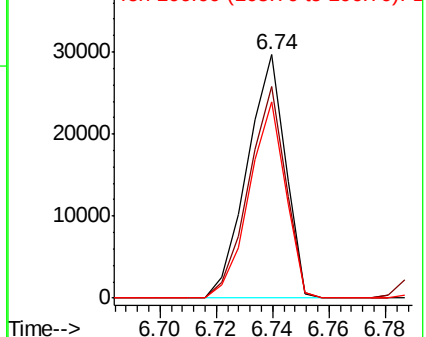
77 100

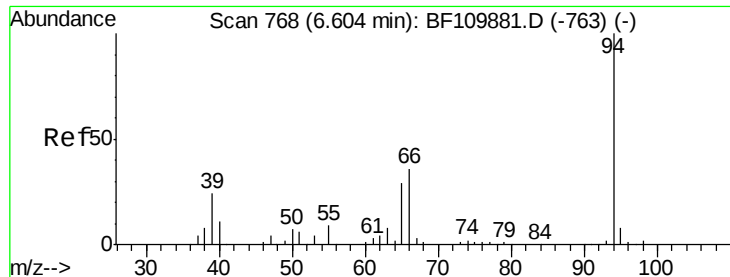
105 86.8 78.6 118.6

106 80.4 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

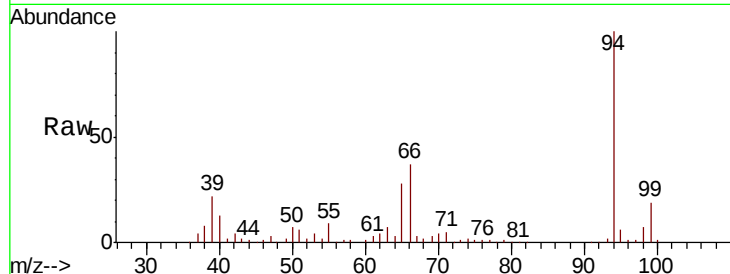




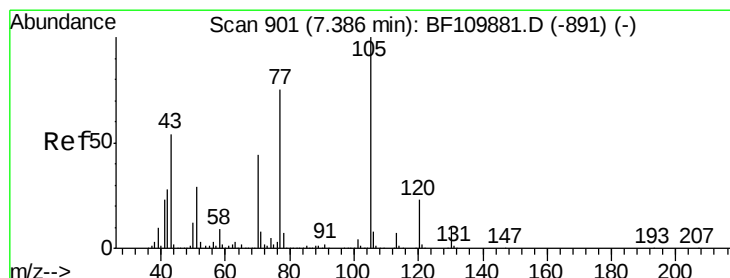
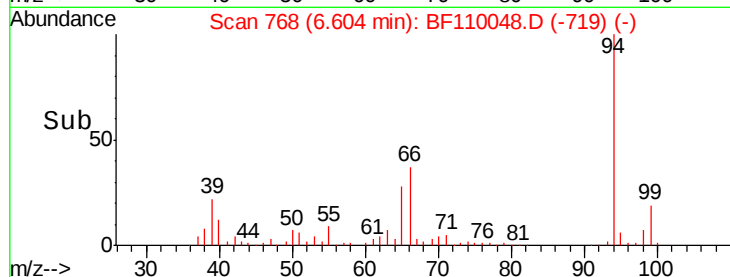
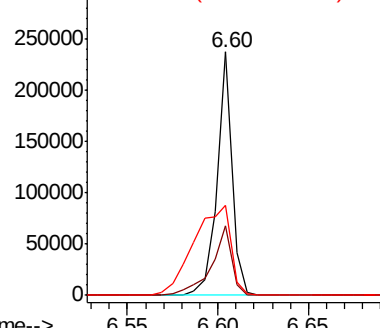
#10
Phenol
Concen: 6.926 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 136349
Ion Ratio Lower Upper
94 100
65 28.5 25.3 65.3
66 37.0 54.5 94.5#

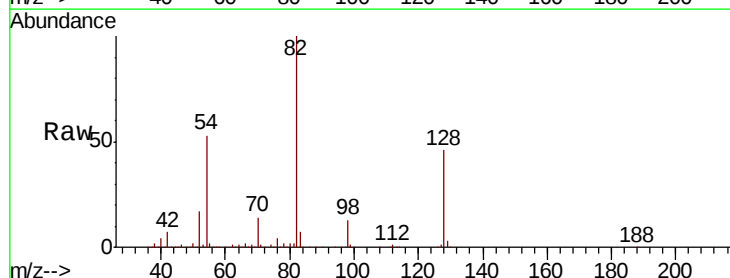


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

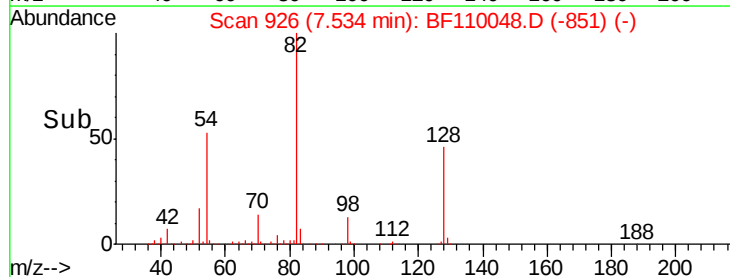
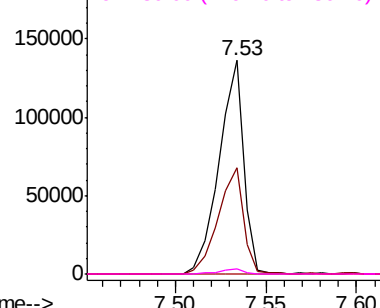


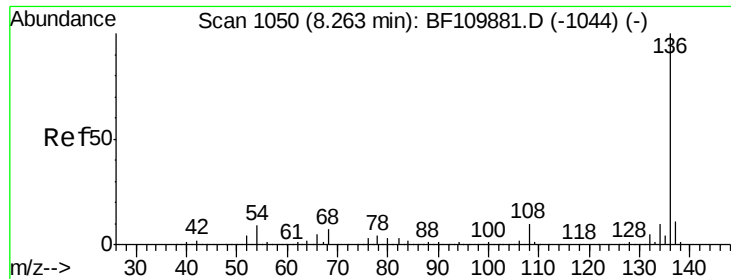
#19
n-Nitroso-di-n-propylamine
Concen: 10.983 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion: 70 Resp: 128577
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 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

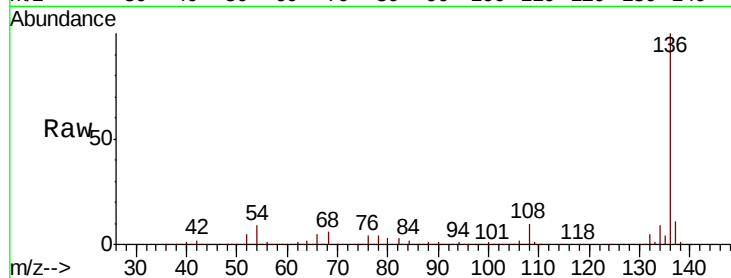




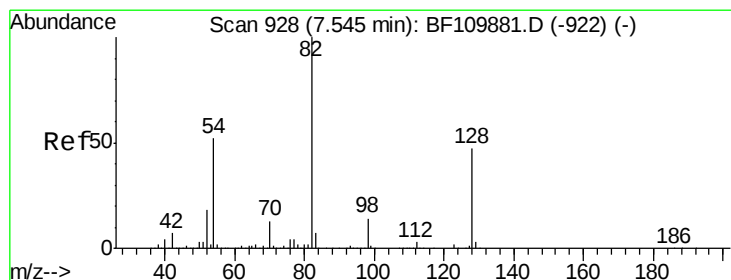
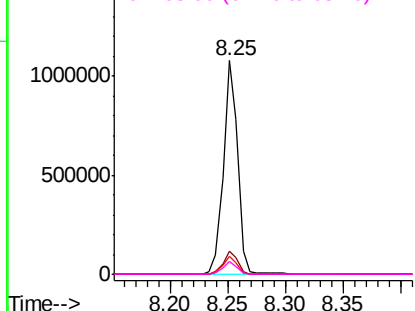
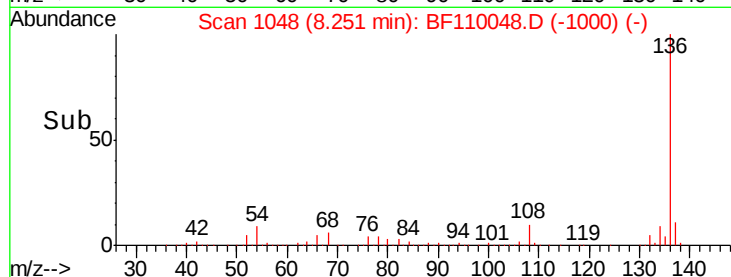
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	927093	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.5	5.4	8.2#	
68 5.7	4.2	6.2	

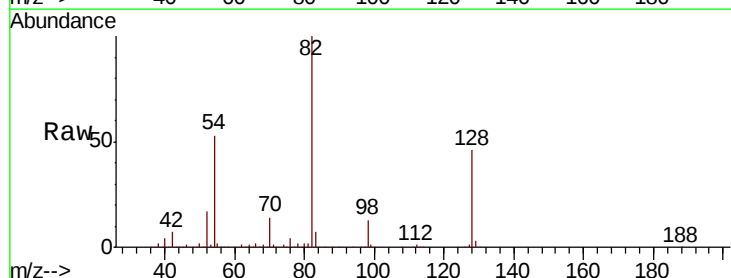


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

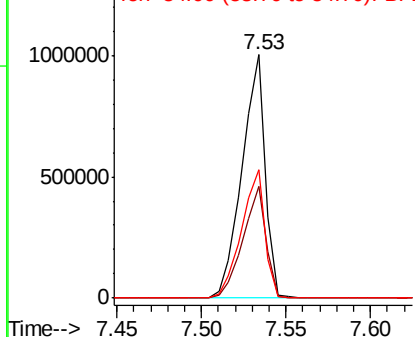
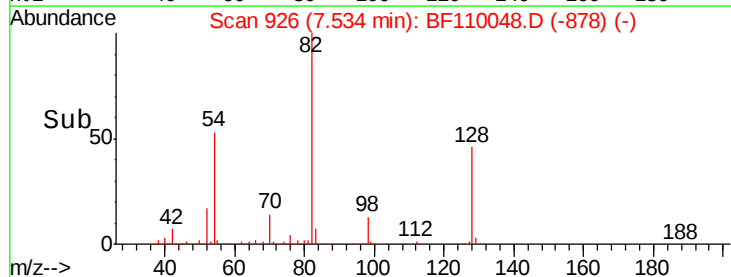


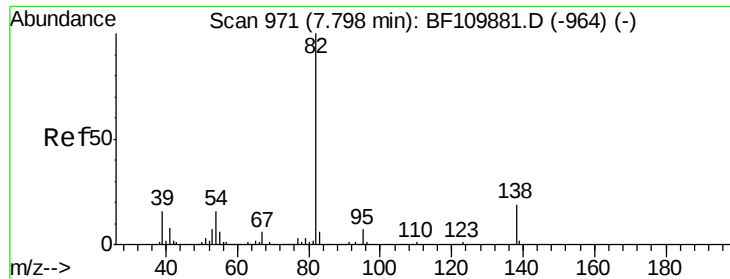
#23
Nitrobenzene-d5
Concen: 69.896 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion: 82	Resp: 961936
Ion Ratio	Lower Upper
82 100	
128 46.2	34.2 51.2
54 52.5	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

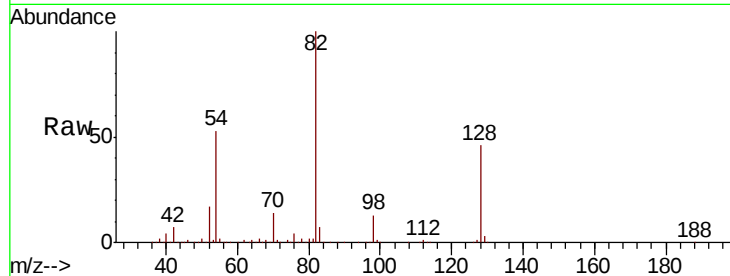




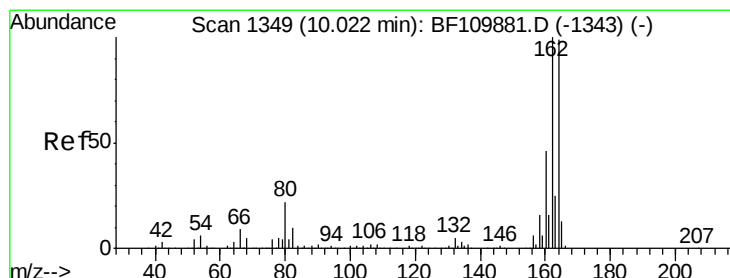
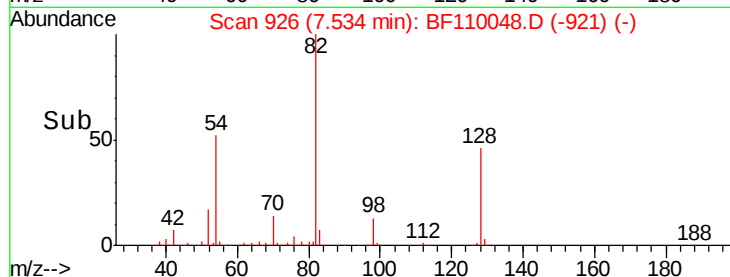
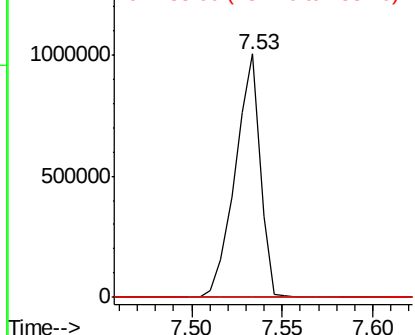
#25
Isophorone
Concen: 35.572 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 961923
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

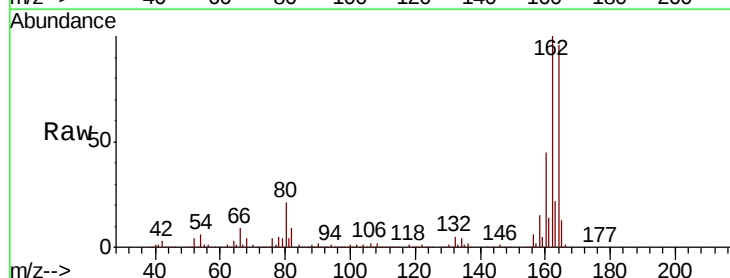


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

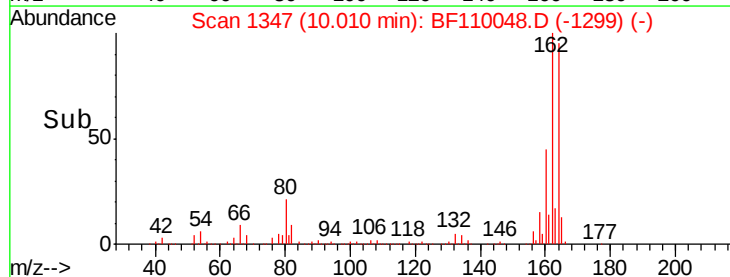
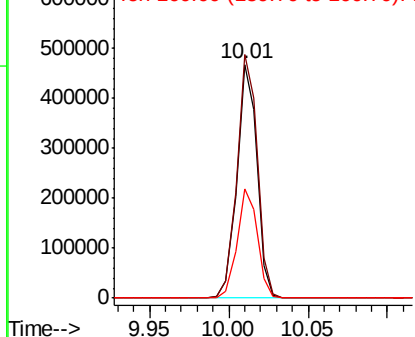


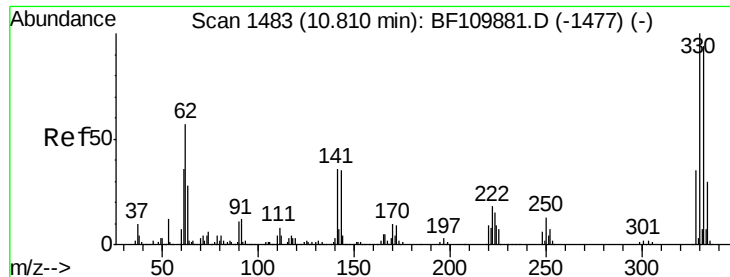
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion: 164 Resp: 409540
Ion Ratio Lower Upper
164 100
162 104.3 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: 87.193 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

Instrument :

BNA_F

ClientSampleId :

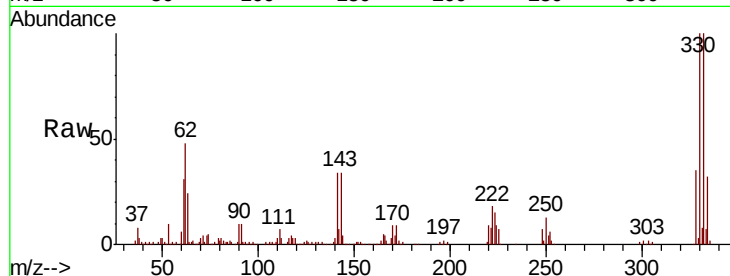
Tot Ion:330 Resp: 309158

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

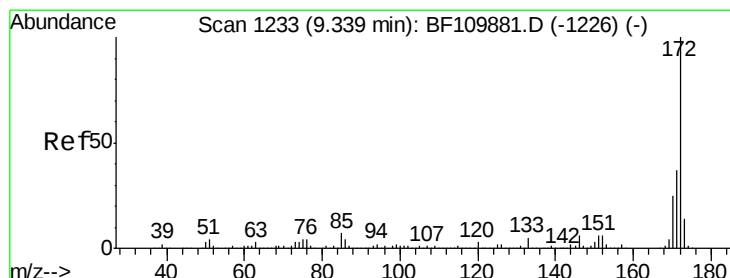
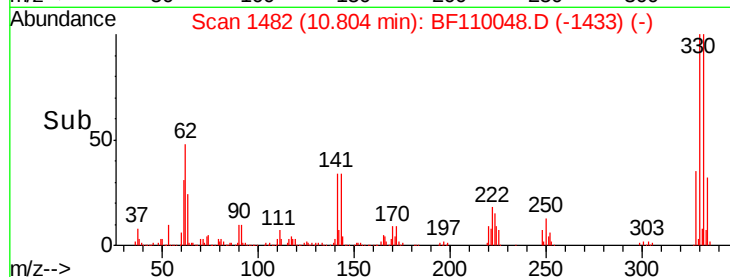
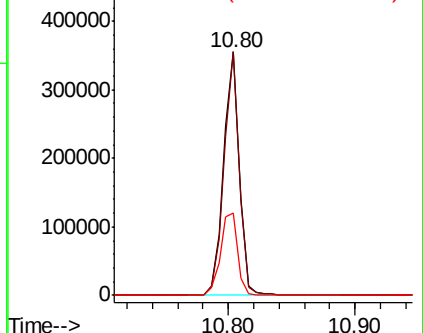
141 37.5 27.0 40.4



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: 61.807 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

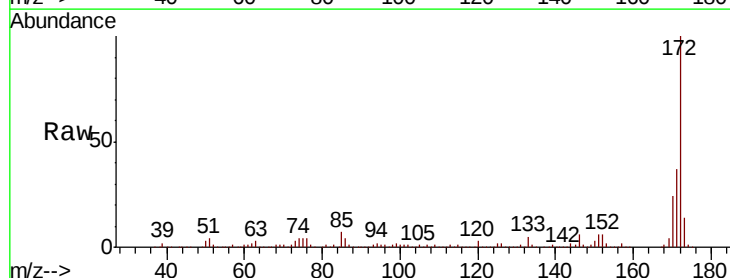
Tgt Ion:172 Resp: 1586345

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

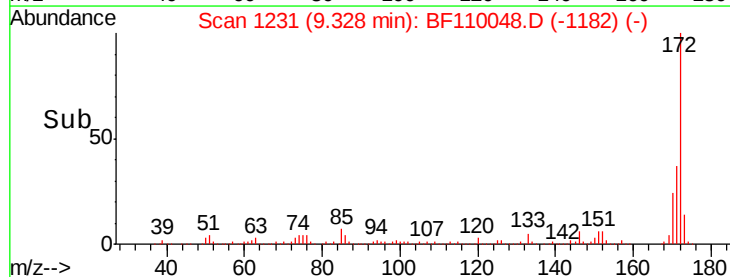
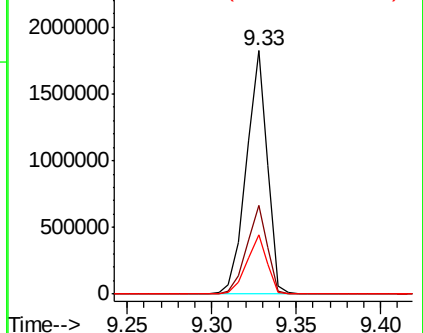
170 24.3 19.7 29.5

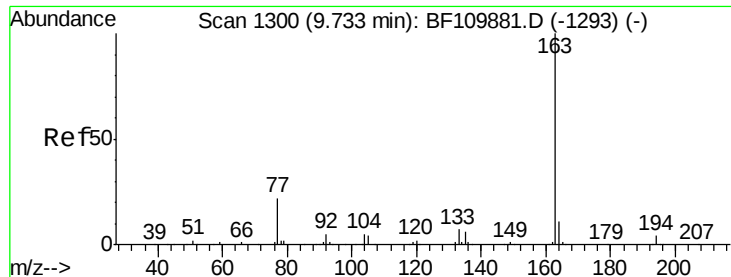


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

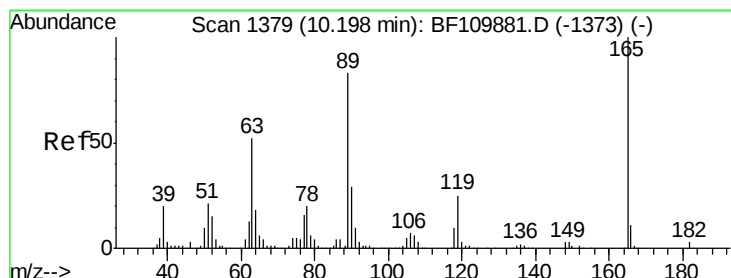
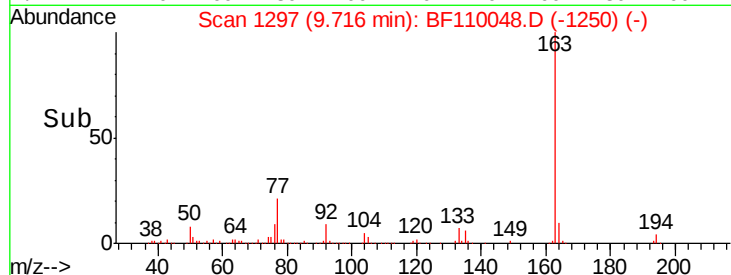
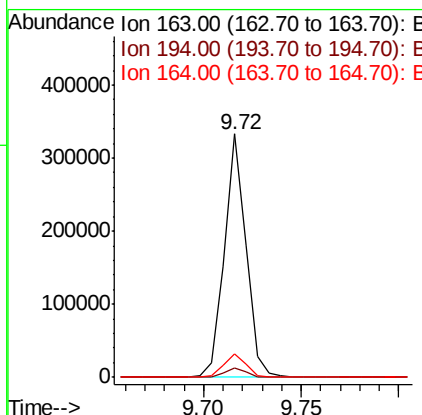
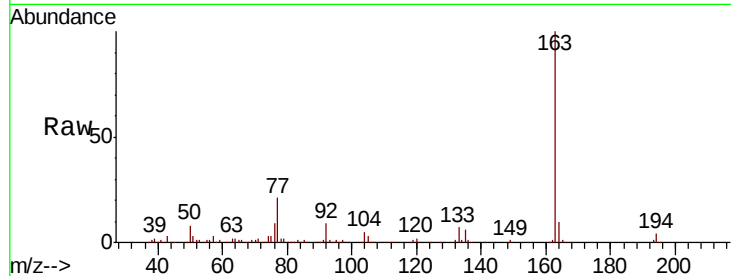




#50
Dimethylphthalate
Concen: 8.843 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

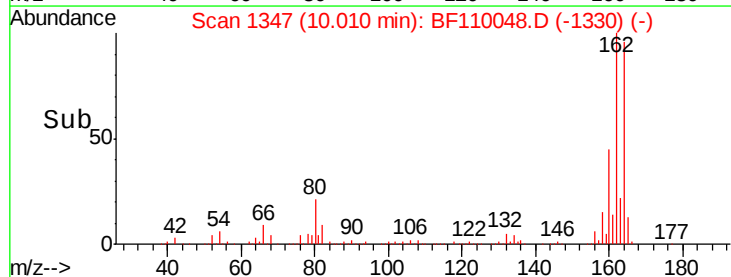
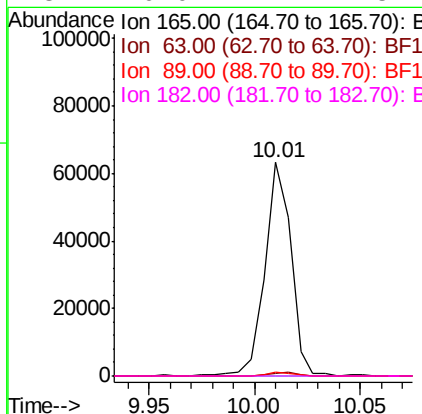
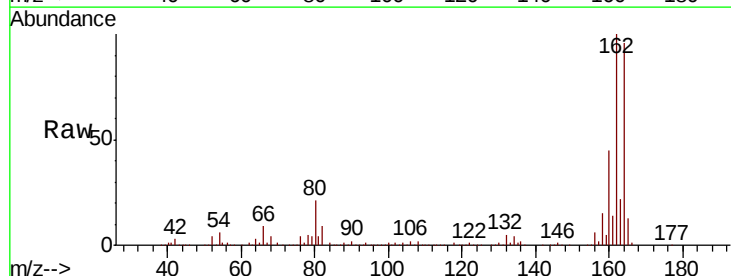
Instrument :
BNA_F
ClientSampleId :

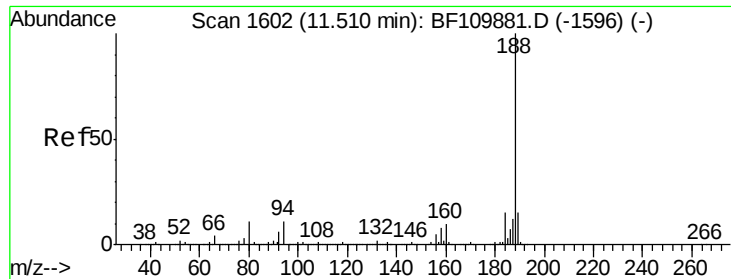
Tot Ion:163 Resp: 256444
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 11.684 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:165 Resp: 54623
Ion Ratio Lower Upper
165 100
63 1.0 44.8 67.2#
89 1.6 62.2 93.4#
182 0.0 2.1 3.1#

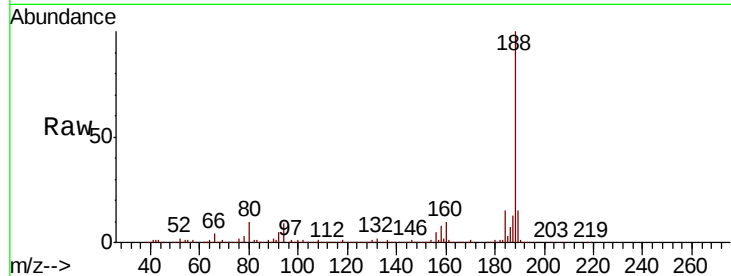




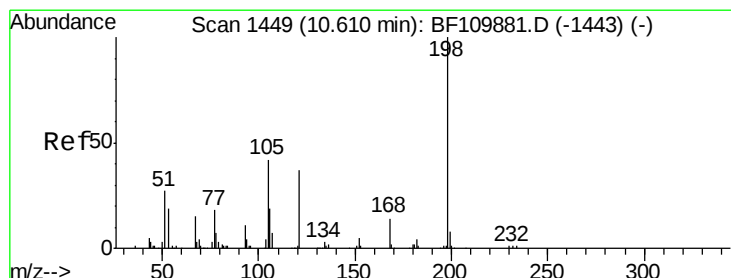
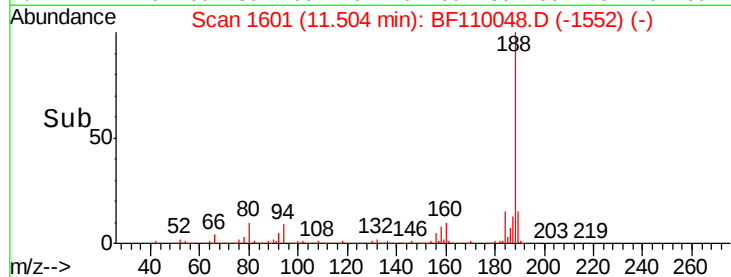
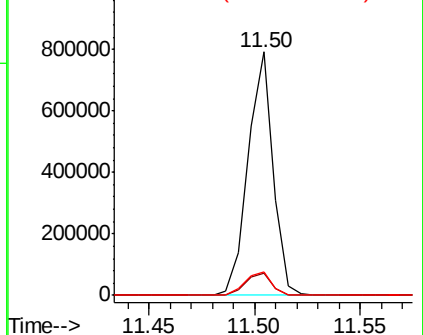
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 650800
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.7 7.9 11.9

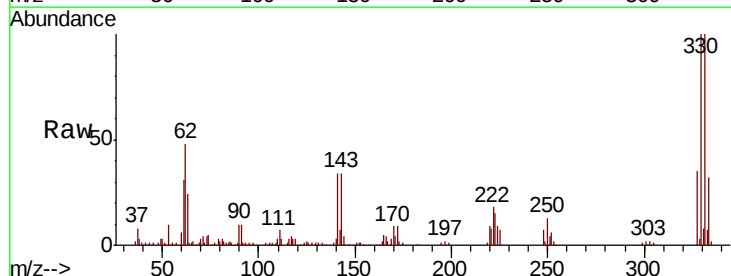


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

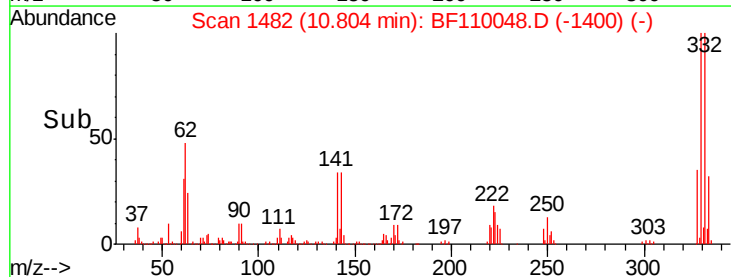
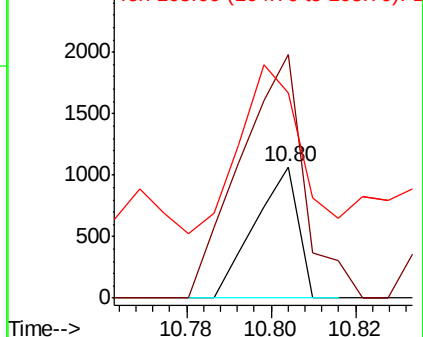


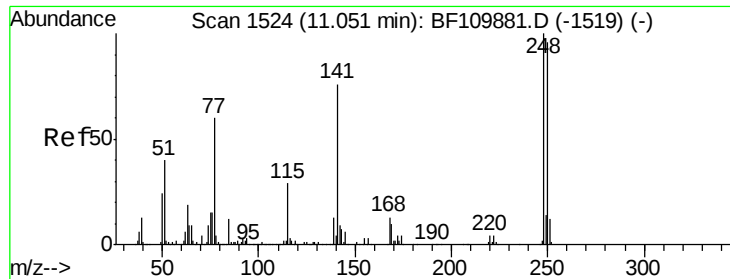
#65
4,6-Dinitro-2-methylphenol
Concen: 8.178 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:198 Resp: 771
Ion Ratio Lower Upper
198 100
51 185.5 22.8 62.8#
105 156.4 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

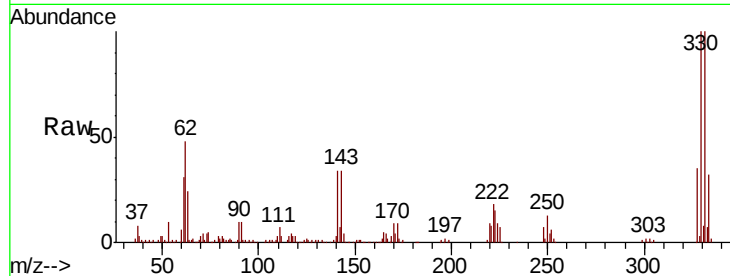




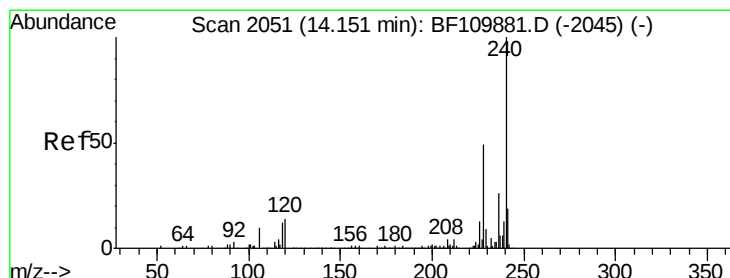
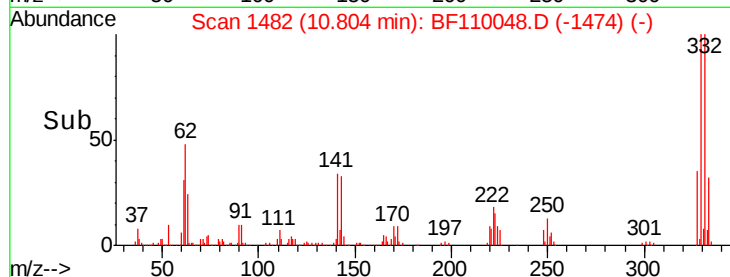
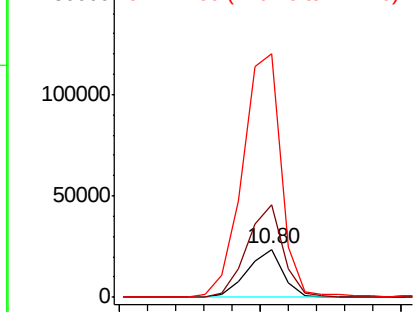
#67
4-Bromophenyl-phenylether
Concen: 2.936 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20709
Ion Ratio Lower Upper
248 100
250 193.6 79.4 119.2#
141 509.6 55.9 83.9#

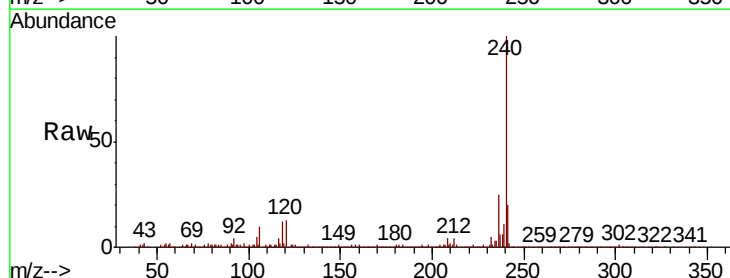


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

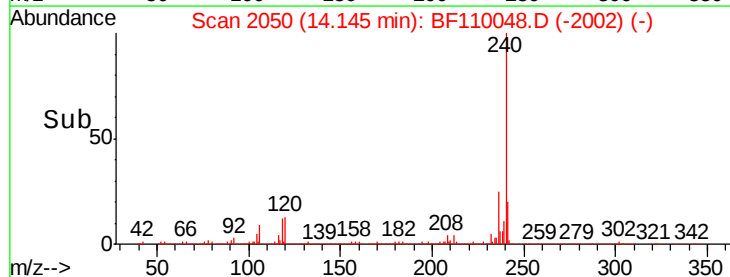
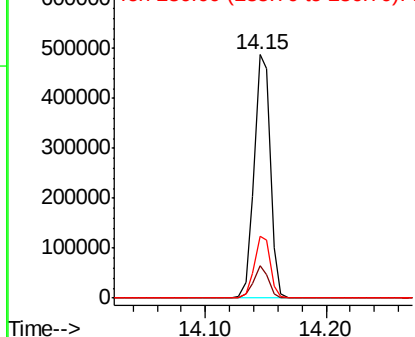


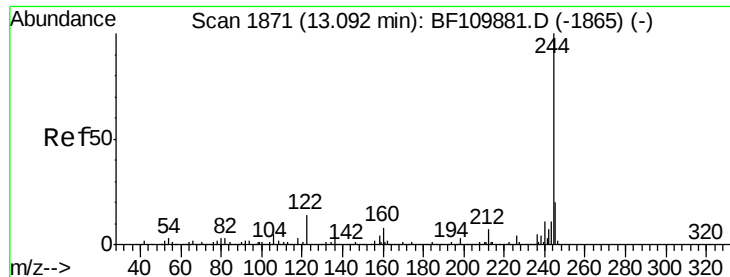
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:240 Resp: 460677
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 25.4 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: 54.134 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

Instrument :

BNA_F

ClientSampleId :

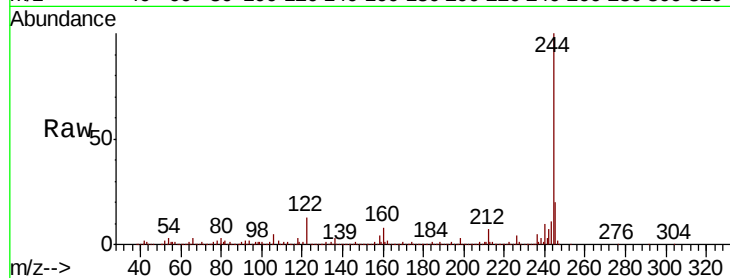
Tot Ion:244 Resp: 1187581

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

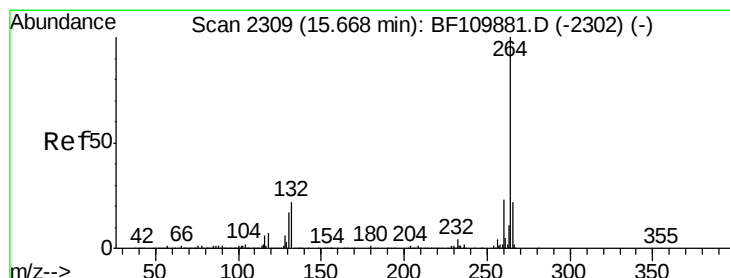
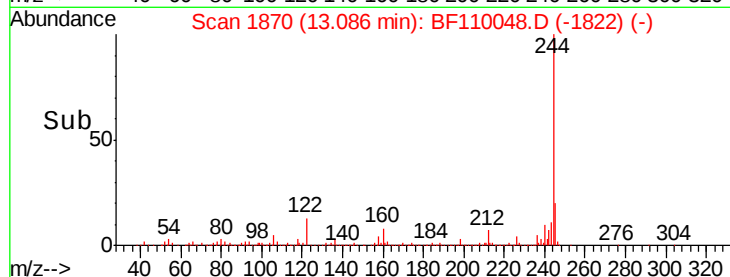
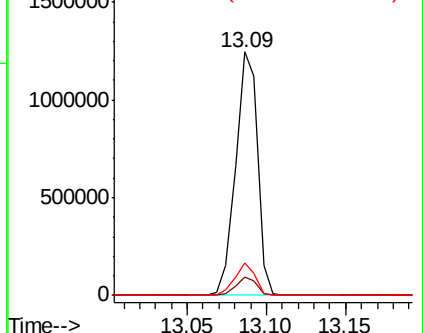
122 13.5 8.7 13.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

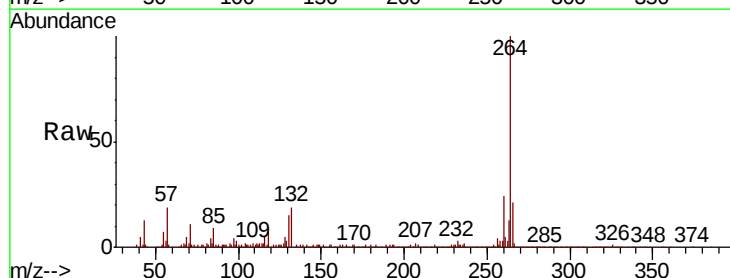
Tgt Ion:264 Resp: 377497

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 20.6 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

