

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110106.D
 Acq On : 24 Oct 2018 11:14
 Operator : JU/SJ
 Sample : J5622-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:09:17 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

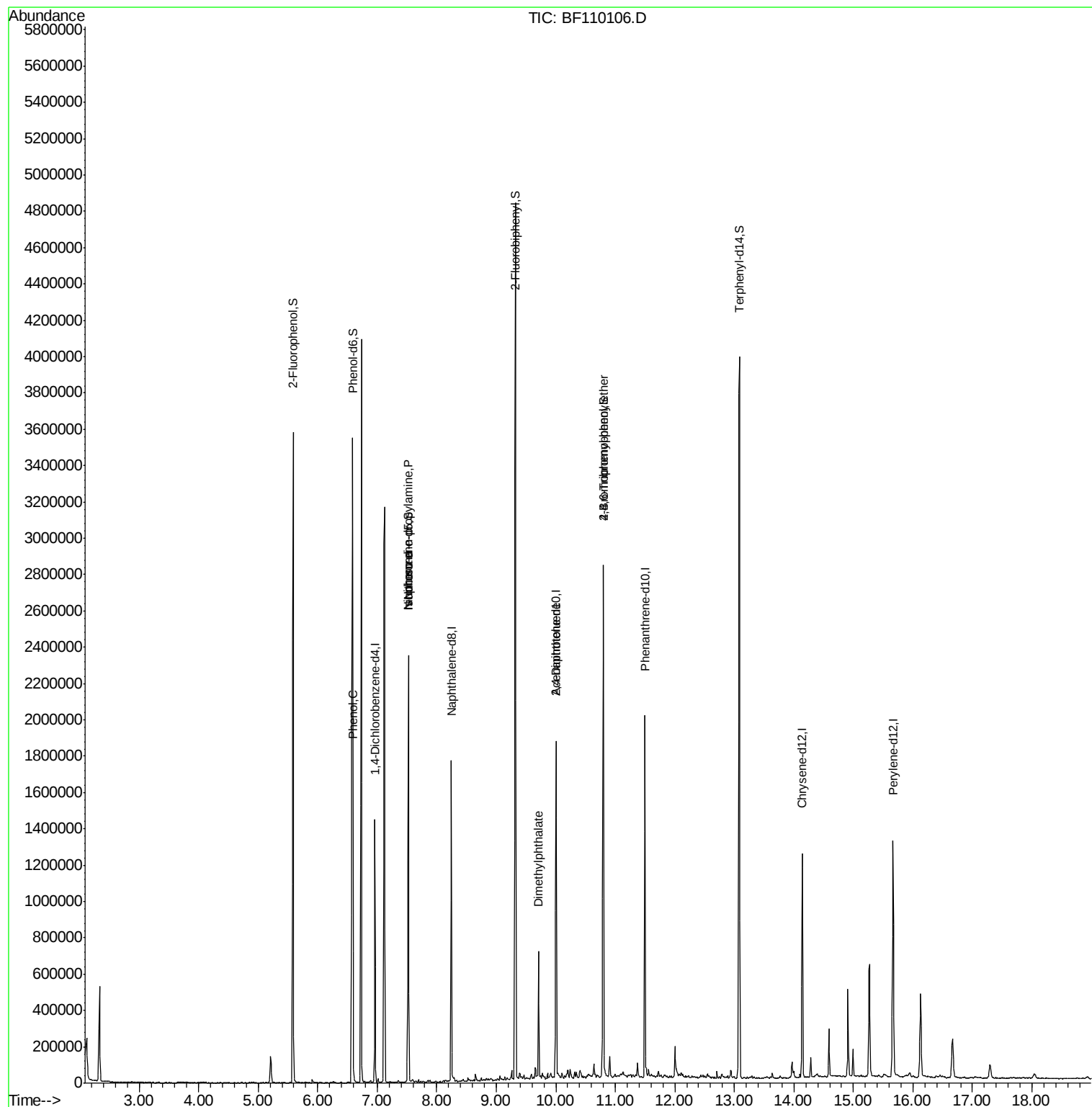
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	189350	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	763129	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	364824	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	672773	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	421824	20.00	ng	-0.02
87) Perylene-d12	15.66	264	330703	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1061030	91.25	ng	-0.01
7) Phenol-d6	6.59	99	1330736	89.48	ng	-0.02
23) Nitrobenzene-d5	7.53	82	828862	64.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	318346	88.09	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1474904	63.48	ng	-0.02
79) Terphenyl-d14	13.09	244	1405428	69.29	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	193994	12.203	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	111282	11.663	ng	# 79
25) Isophorone	7.53	82	828853	37.793	ng	# 67
50) Dimethylphthalate	9.71	163	219803	8.162	ng	100
57) 2,4-Dinitrotoluene	10.00	165	46364	6.292	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	21501	2.946	ng	# 1

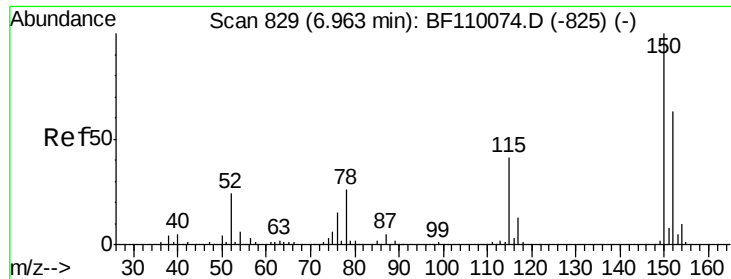
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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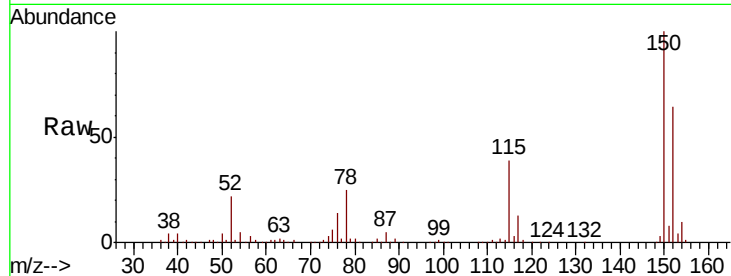




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110106.D
 Acq: 24 Oct 2018 11:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	61.8	49.1	73.7

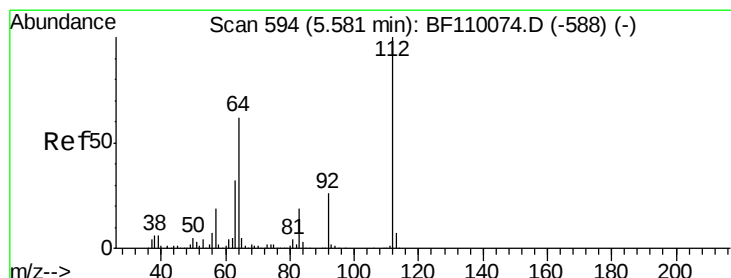
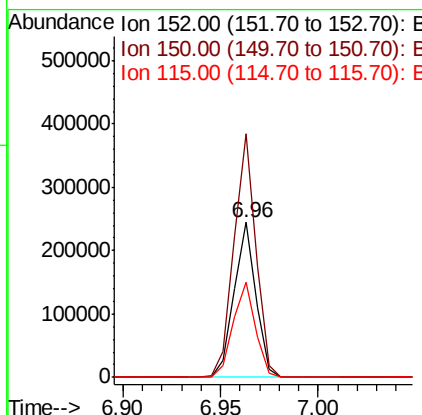
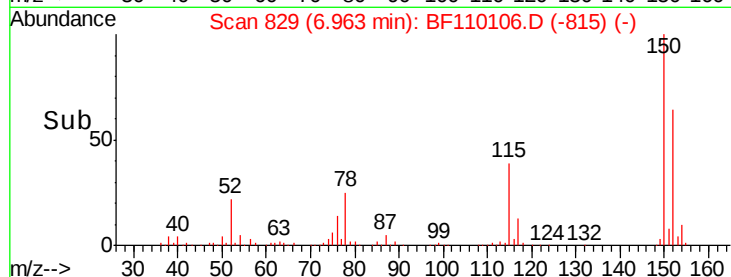


Abundance

Ion 152.00 (151.70 to 152.70): E

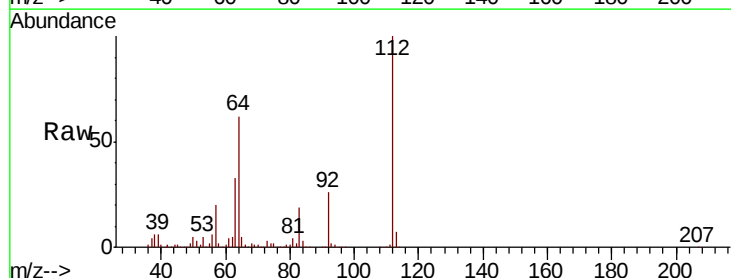
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 91.251 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110106.D
 Acq: 24 Oct 2018 11:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	33.0	23.7	35.5

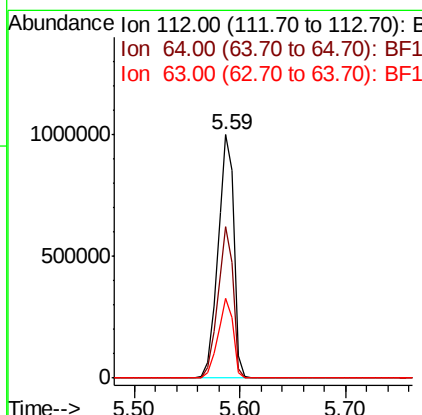
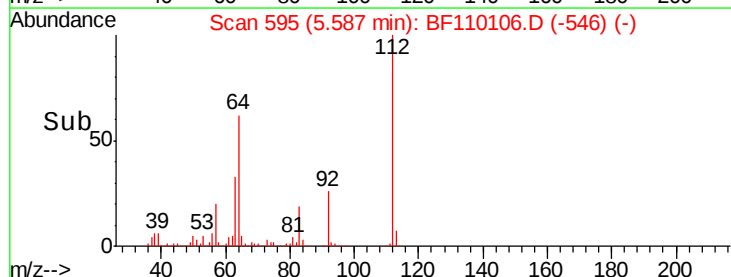


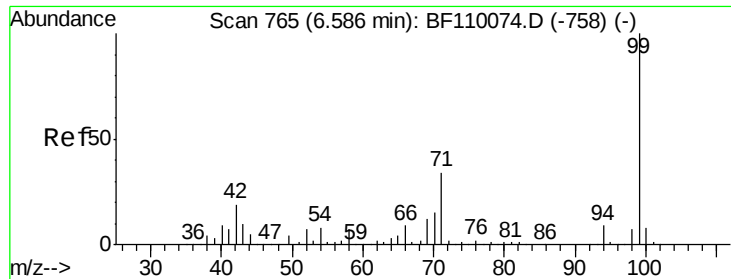
Abundance

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: 89.476 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110106.D

Acq: 24 Oct 2018 11:14

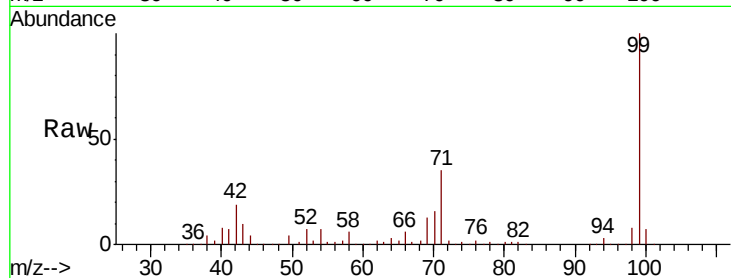
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1330736

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.5	28.0	42.0

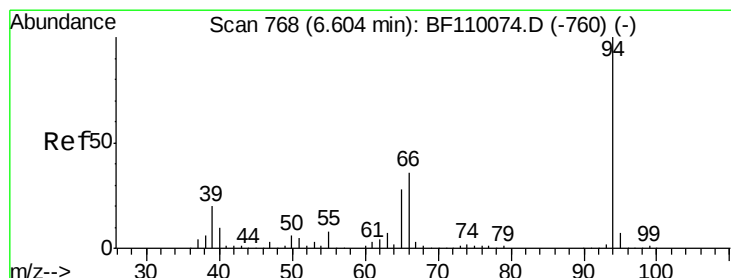
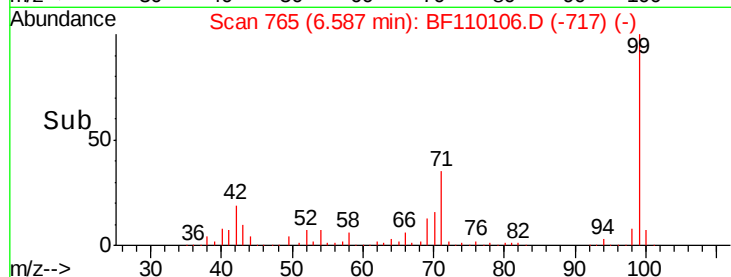
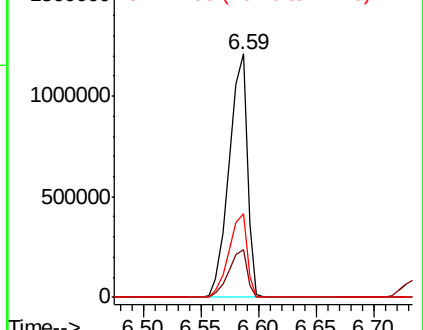


Abundance

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



#10

Phenol

Concen: 12.203 ng

RT: 6.60 min Scan# 767

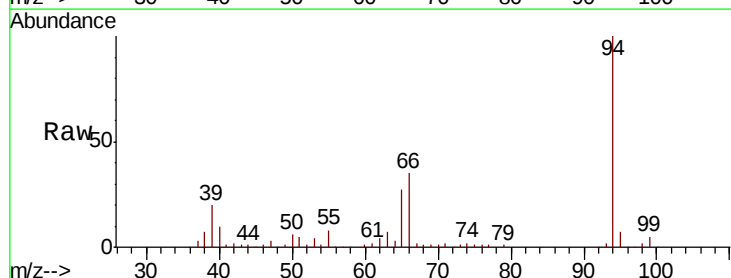
Delta R.T. -0.02 min

Lab File: BF110106.D

Acq: 24 Oct 2018 11:14

Tgt Ion: 94 Resp: 193994

Ion	Ratio	Lower	Upper
94	100		
65	26.9	25.3	65.3
66	35.1	54.5	94.5#

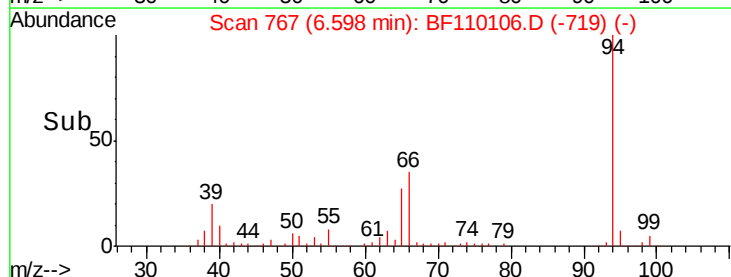
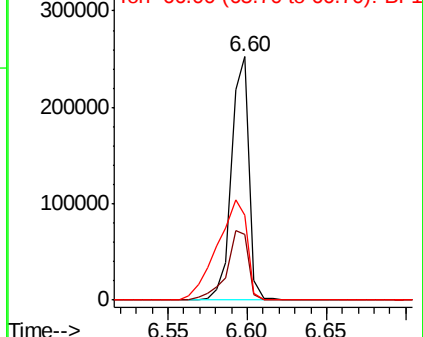


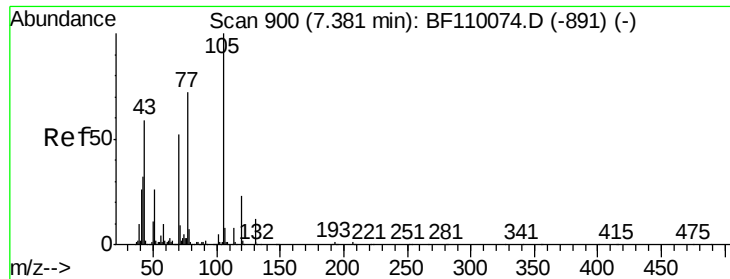
Abundance

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: 11.663 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.14 min

Lab File: BF110106.D

Acq: 24 Oct 2018 11:14

Instrument :

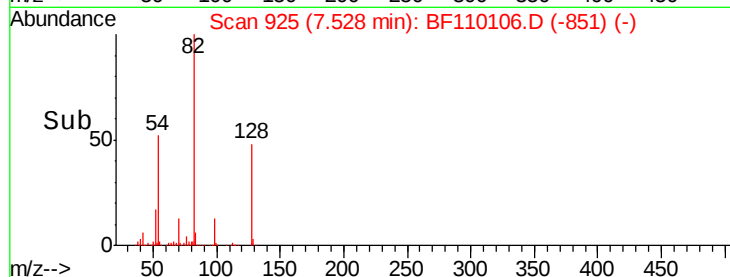
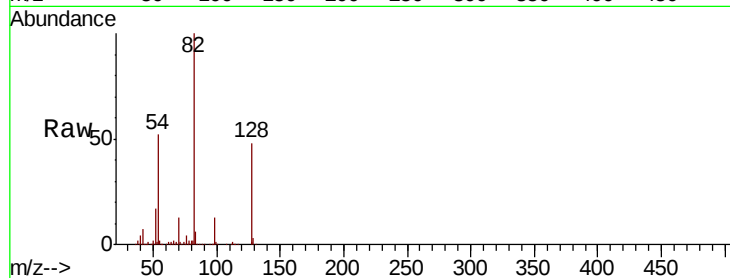
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111282

Ion Ratio Lower Upper

70	100		
42	48.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

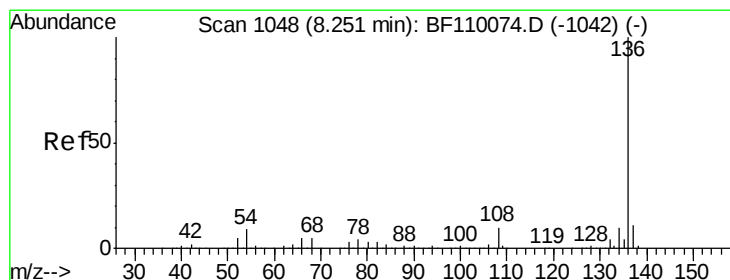
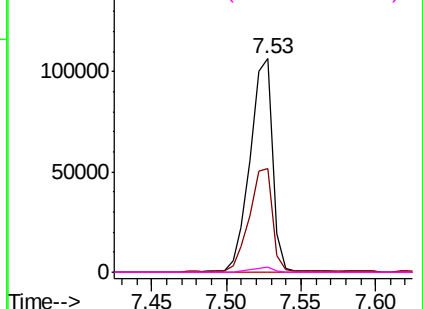


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1047

Delta R.T. -0.02 min

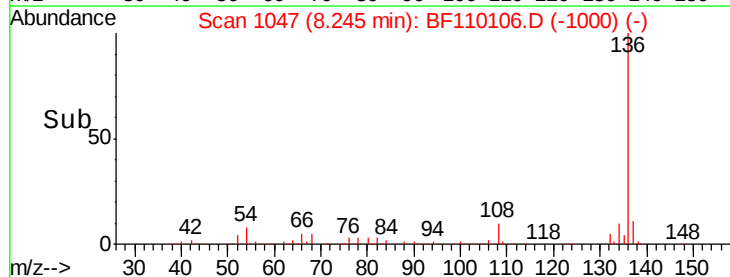
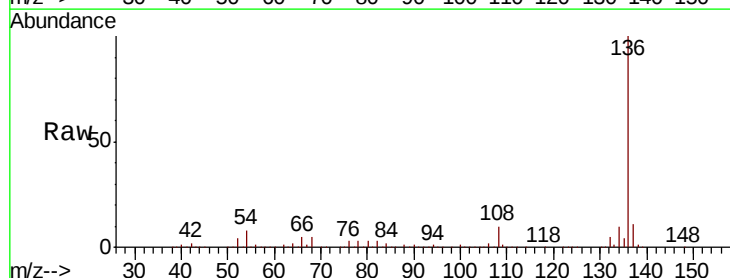
Lab File: BF110106.D

Acq: 24 Oct 2018 11:14

Tgt Ion: 136 Resp: 763129

Ion Ratio Lower Upper

136	100		
137	11.2	8.8	13.2
54	8.3	5.4	8.2#
68	5.4	4.2	6.2

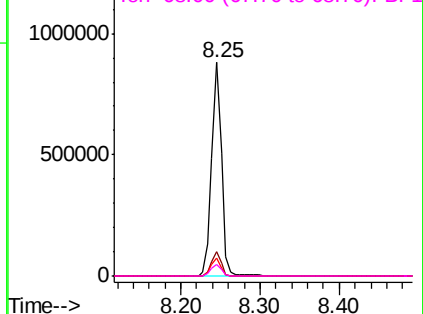


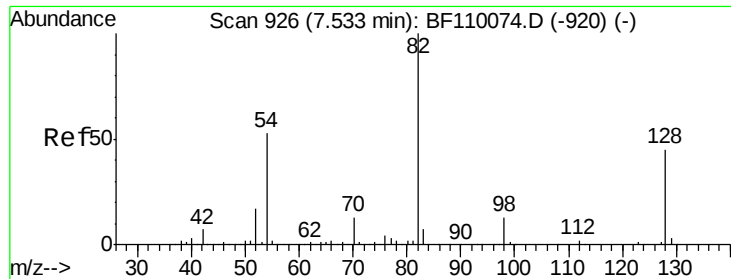
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

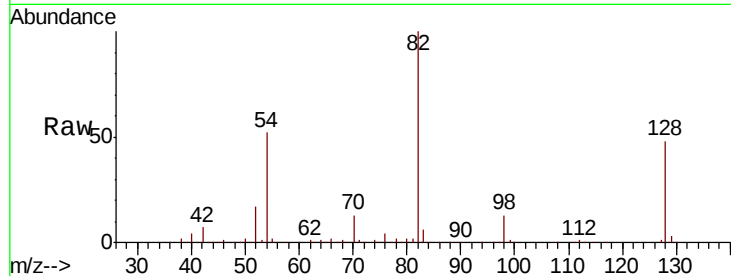




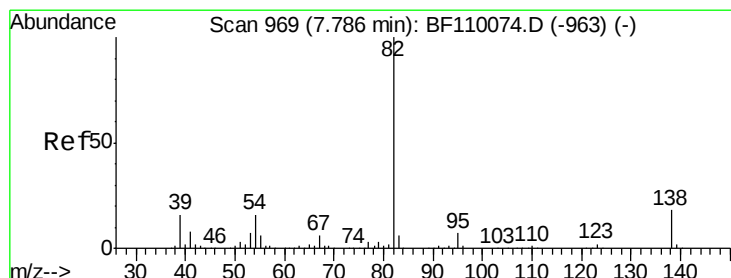
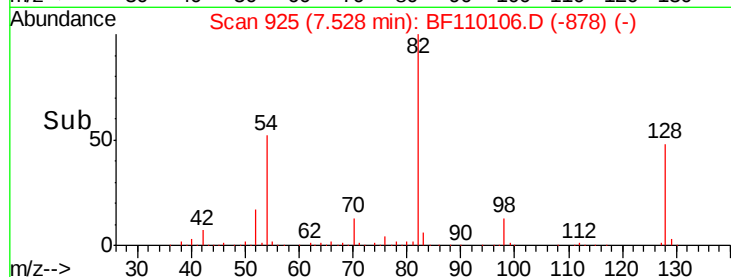
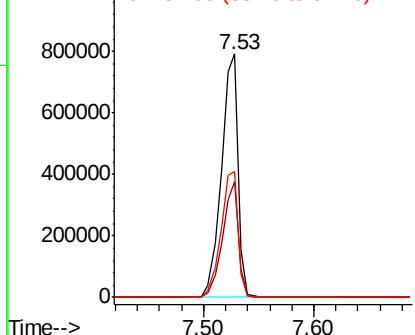
#23
 Nitrobenzene-d5
 Concen: 64.422 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110106.D
 Acq: 24 Oct 2018 11:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.2	51.2
54	51.9	38.6	58.0

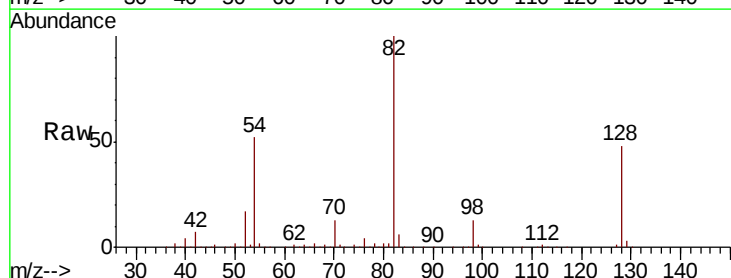


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

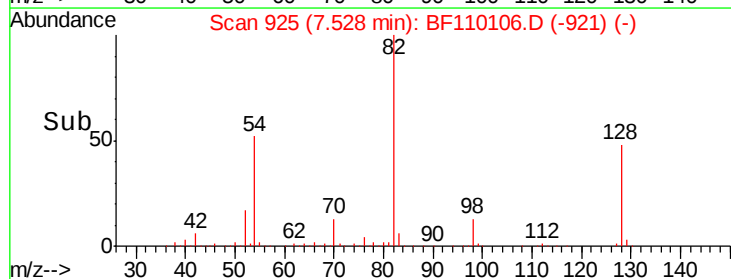
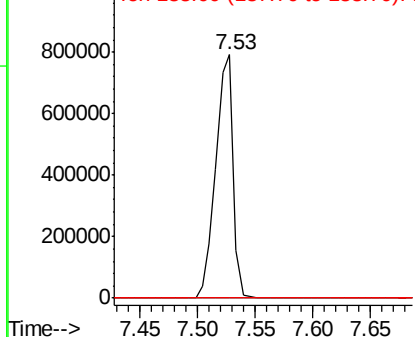


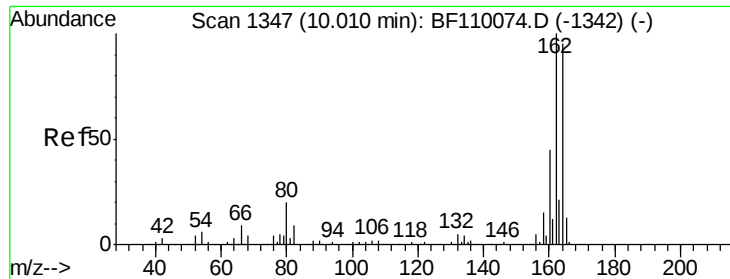
#25
 Isophorone
 Concen: 37.793 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.28 min
 Lab File: BF110106.D
 Acq: 24 Oct 2018 11:14

Tgt 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

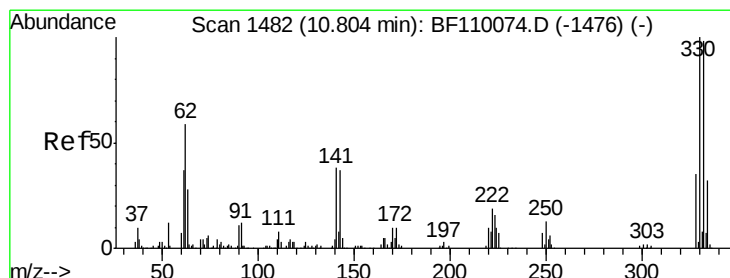
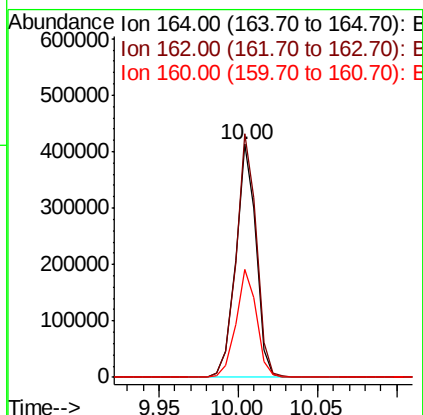
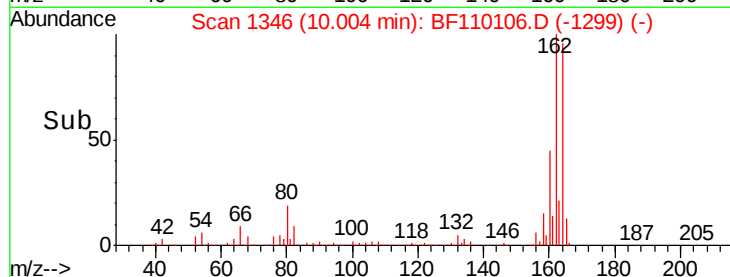
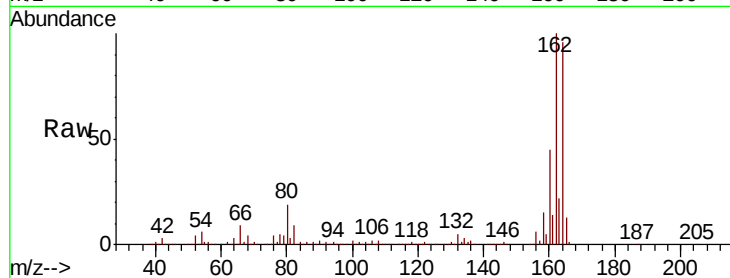




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

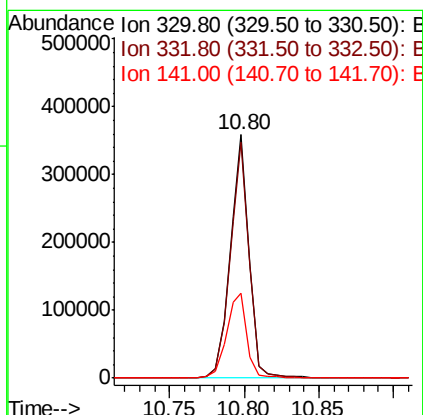
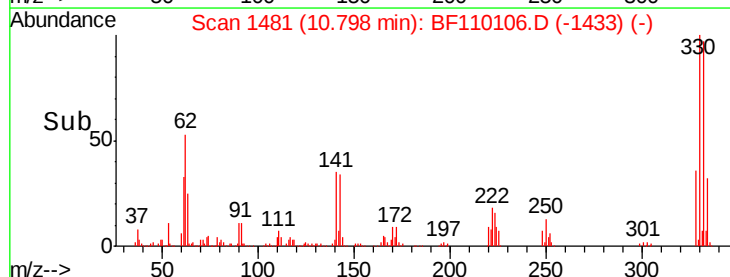
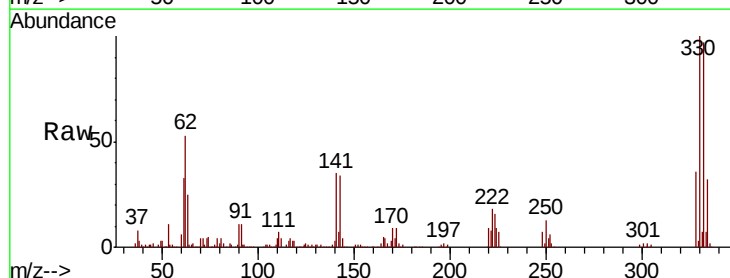
Instrument :
BNA_F
ClientSampled :

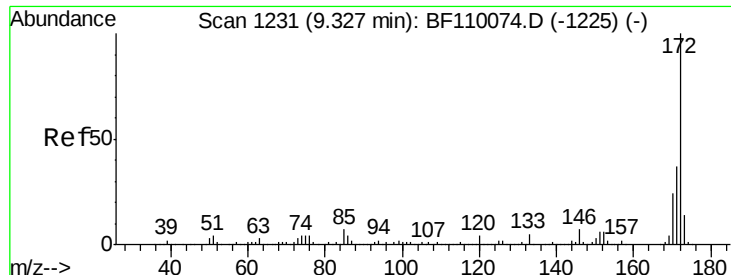
Tot Ion:164 Resp: 364824
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.6
160 46.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 88.091 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

Tgt Ion:330 Resp: 318346
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 38.5 27.0 40.4

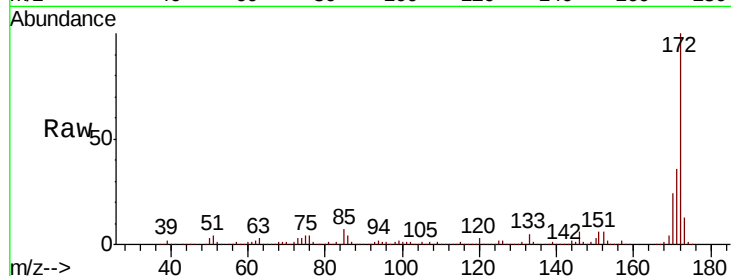




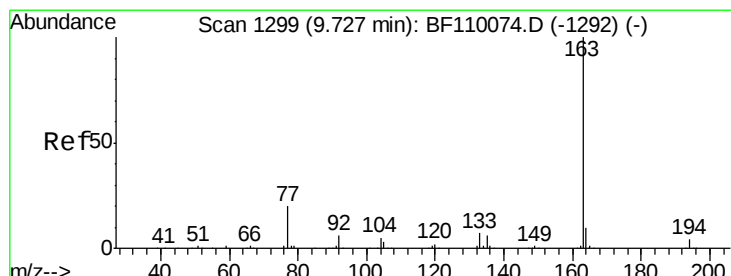
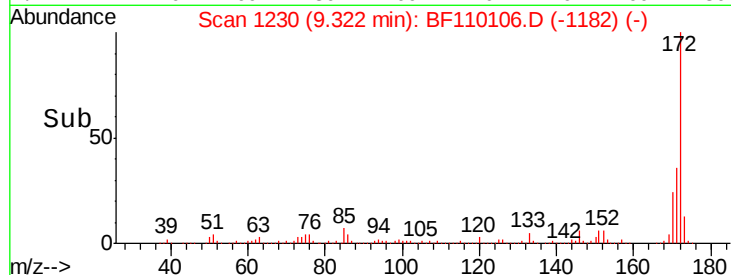
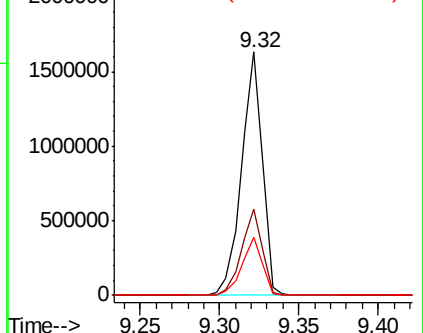
#45
2-Fluorobiphenyl
Concen: 63.482 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1474904
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.7 29.5

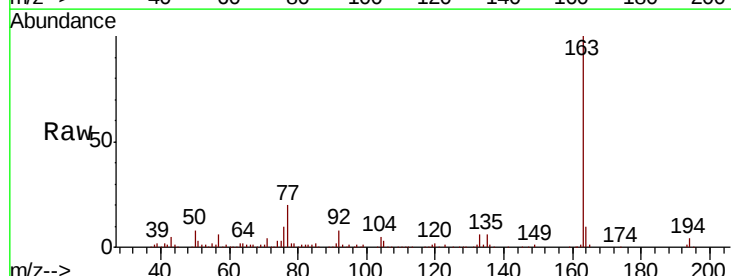


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

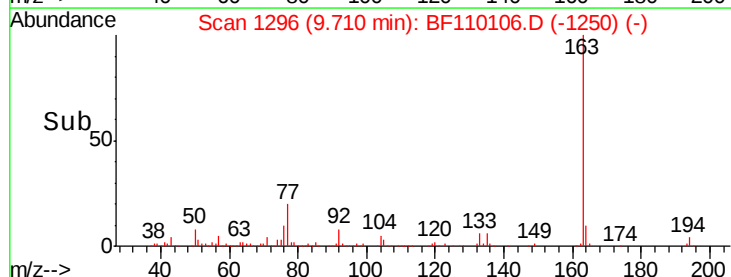
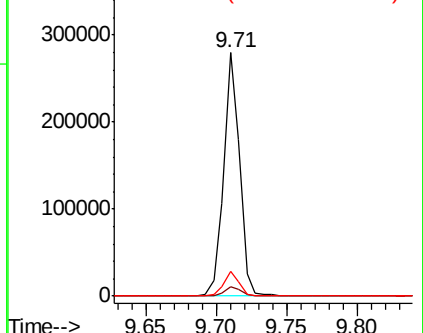


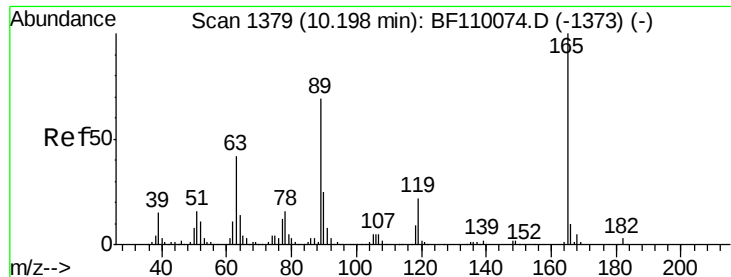
#50
Dimethylphthalate
Concen: 8.162 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

Tgt Ion:163 Resp: 219803
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 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

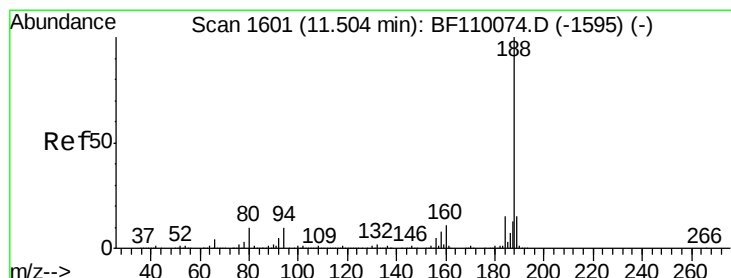
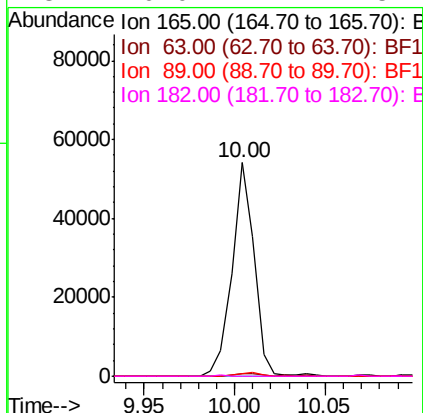
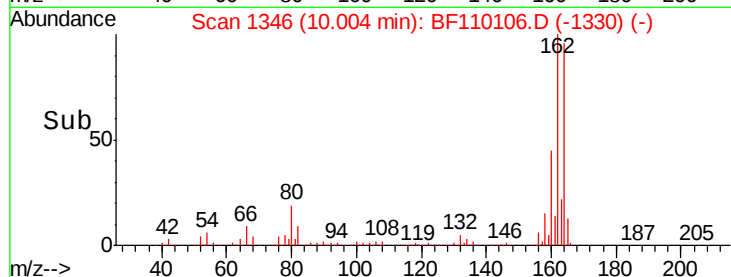
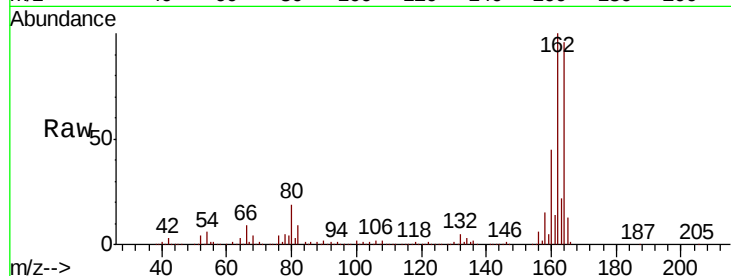




#57
2,4-Dinitrotoluene
Concen: 6.292 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.21 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

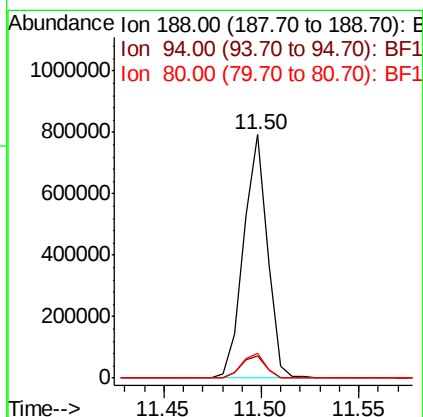
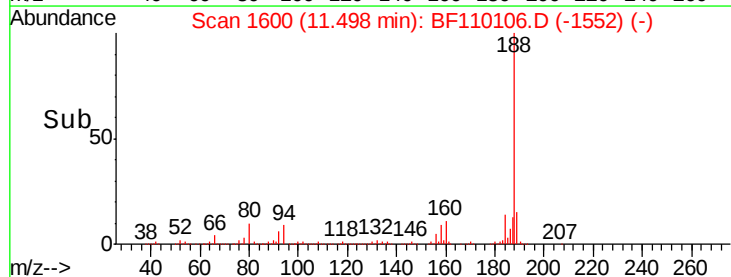
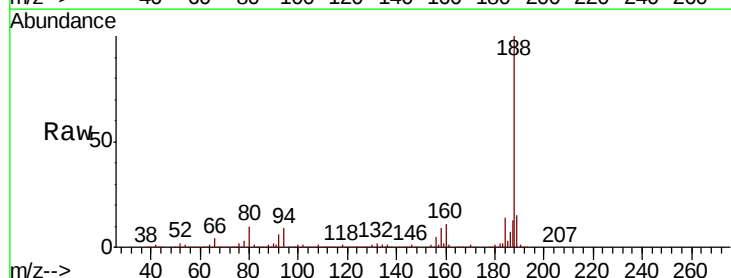
Instrument :
BNA_F
ClientSampleId :

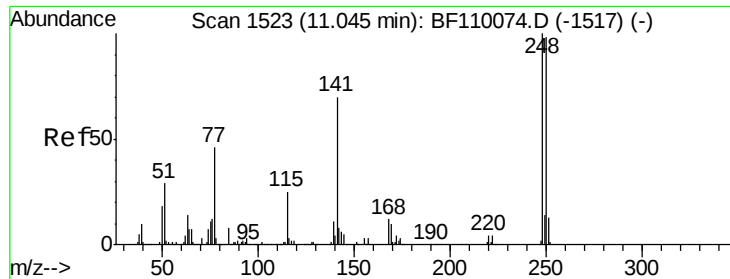
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9

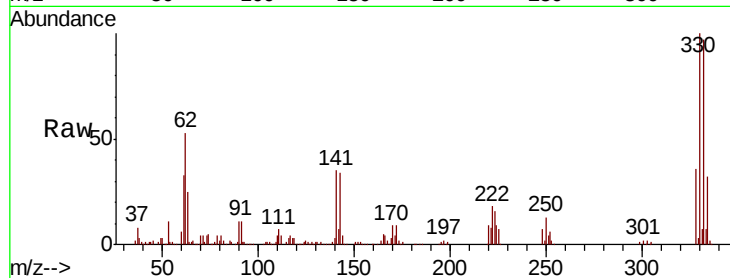




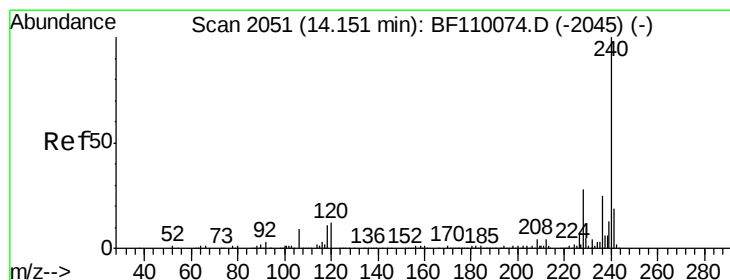
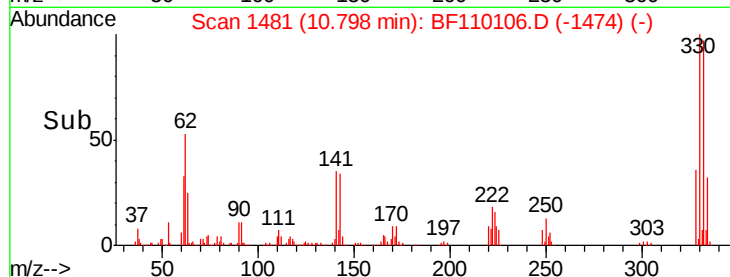
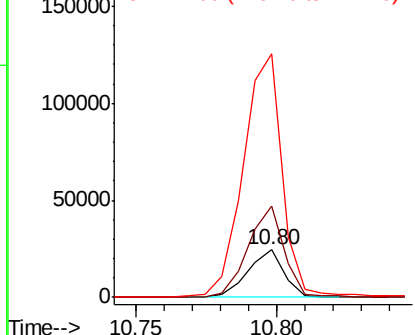
#67
4-Bromophenyl-phenylether
Concen: 2.946 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21501
Ion Ratio Lower Upper
248 100
250 193.8 79.4 119.2#
141 515.1 55.9 83.9#

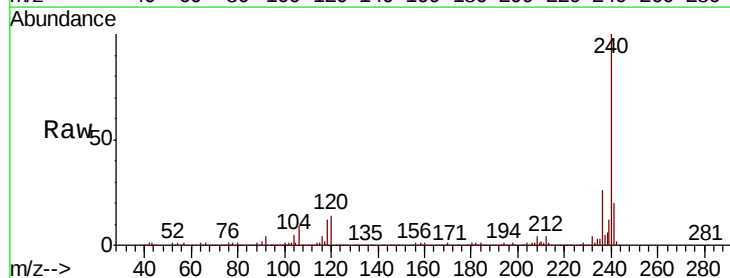


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

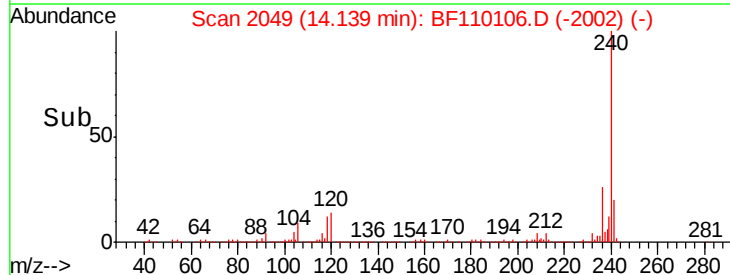
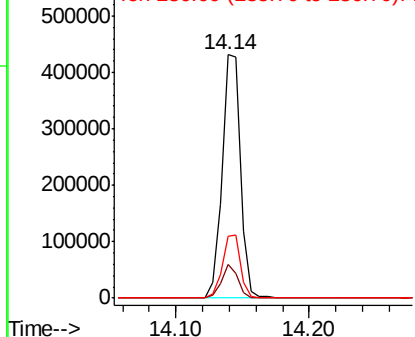


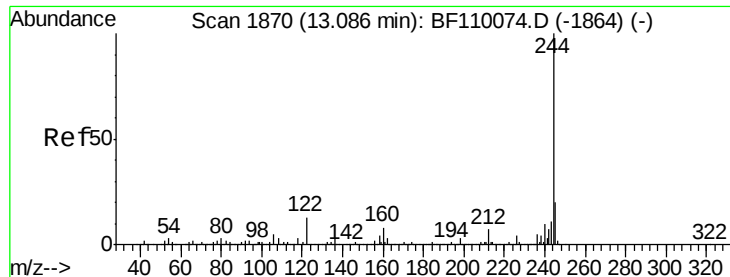
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BF110106.D
Acq: 24 Oct 2018 11:14

Tgt Ion:240 Resp: 421824
Ion Ratio Lower Upper
240 100
120 14.0 8.3 12.5#
236 25.7 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: 69.292 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110106.D

Acq: 24 Oct 2018 11:14

Instrument :

BNA_F

ClientSampleId :

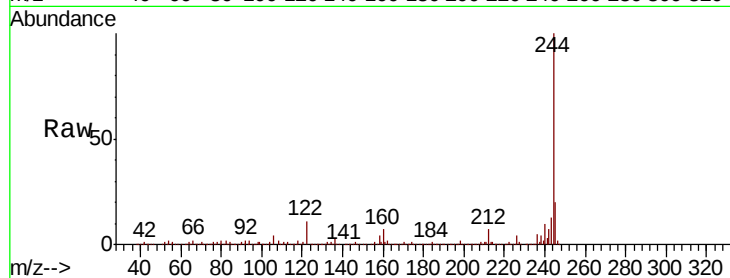
Tot Ion:244 Resp: 1405428

Ion Ratio Lower Upper

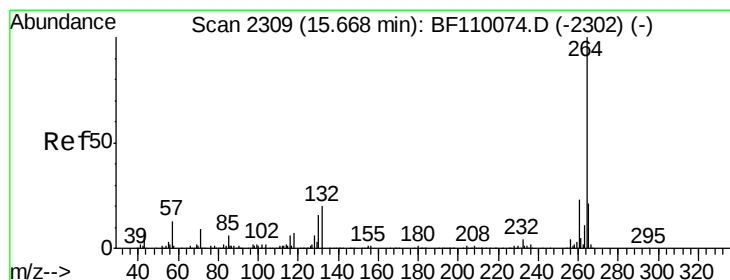
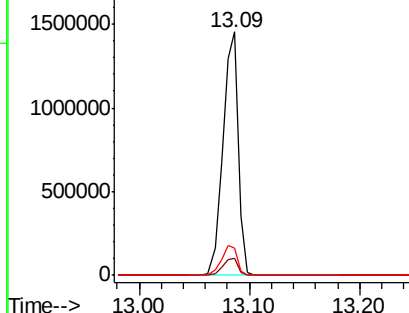
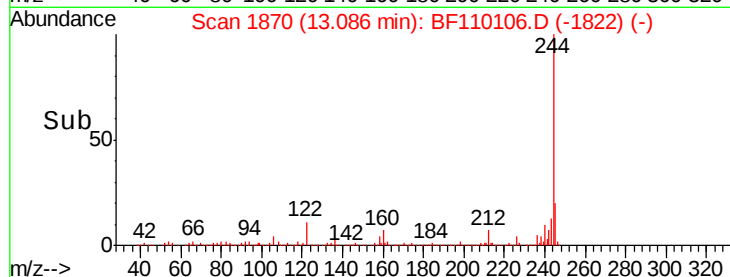
244 100

212 7.0 5.8 8.8

122 11.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 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: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF110106.D

Acq: 24 Oct 2018 11:14

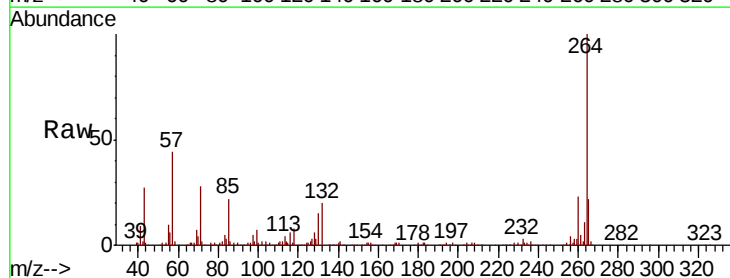
Tgt Ion:264 Resp: 330703

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
300000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

