

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110193.D
 Acq On : 26 Oct 2018 6:43
 Operator : JU/SJ
 Sample : J5565-03RX
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 09:17:03 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	133999	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	492513	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	203043	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	329450	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	229039	20.00	ng	-0.01
87) Perylene-d12	15.68	264	178164	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1015790	123.45	ng	0.00
7) Phenol-d6	6.60	99	1269662	120.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	753948	90.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	221966	110.36	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1233841	95.42	ng	-0.01
79) Terphenyl-d14	13.09	244	941281	85.47	ng	-0.02

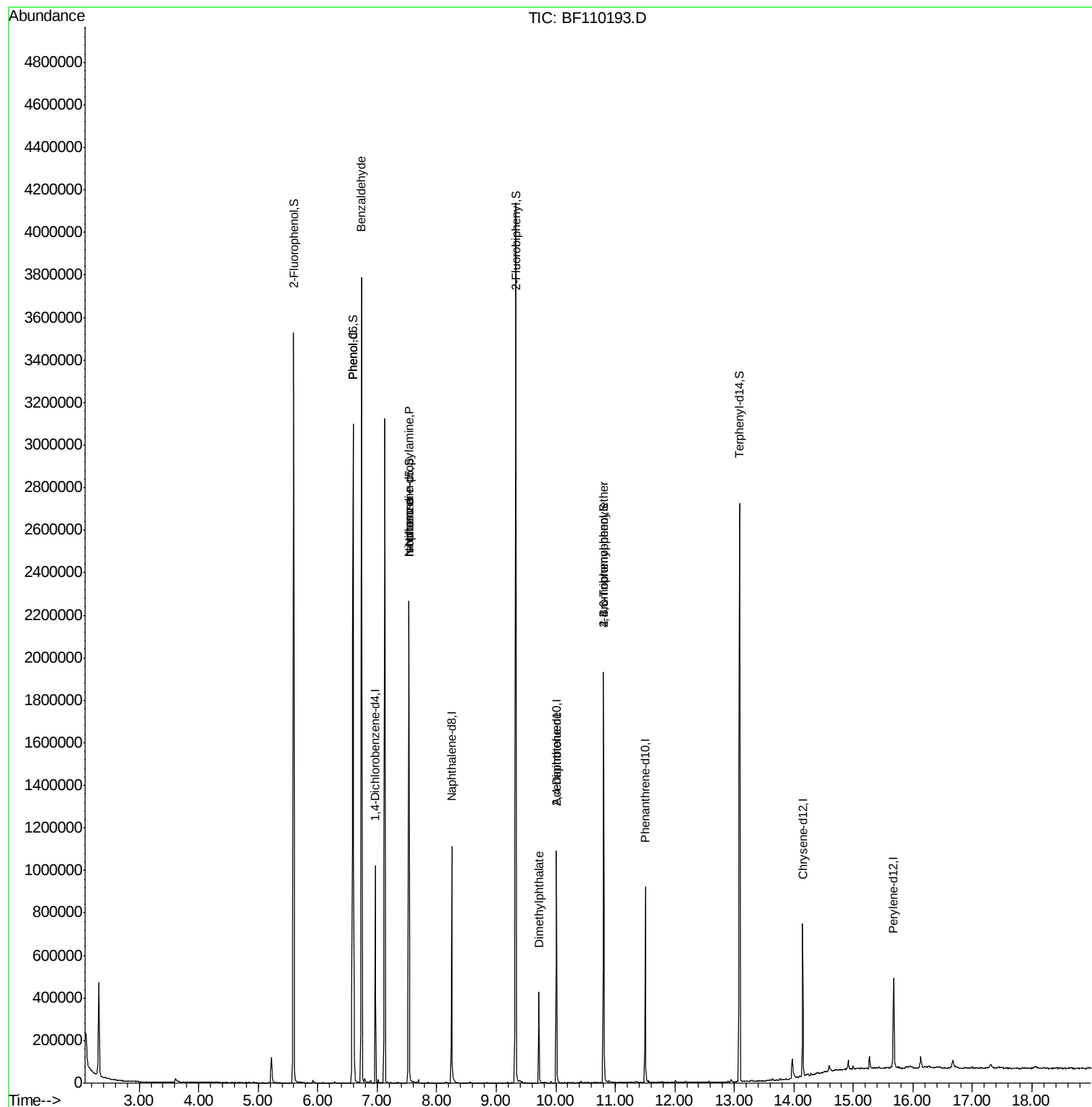
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	23723	2.388	ng	81
10) Phenol	6.60	94	114237	10.154	ng	# 71
19) n-Nitroso-di-n-propylamine	7.53	70	101836	15.082	ng	# 80
25) Isophorone	7.53	82	753942	53.266	ng	# 67
50) Dimethylphthalate	9.72	163	167069	11.147	ng	99
57) 2,4-Dinitrotoluene	10.01	165	25131	6.128	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	14622	4.092	ng	# 1

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

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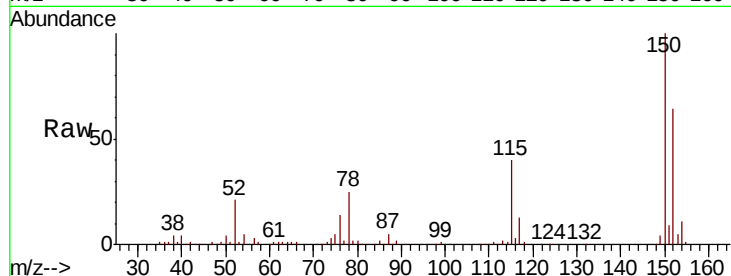


#1

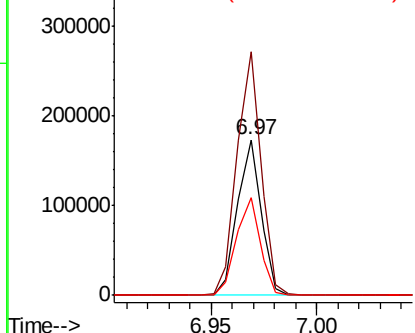
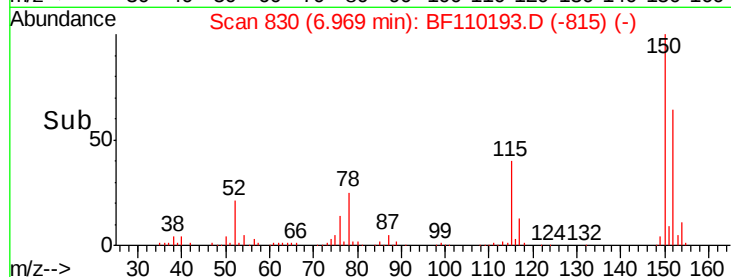
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133999
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 63.0 49.1 73.7



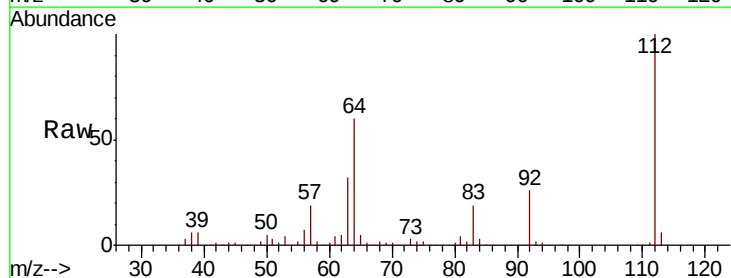
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



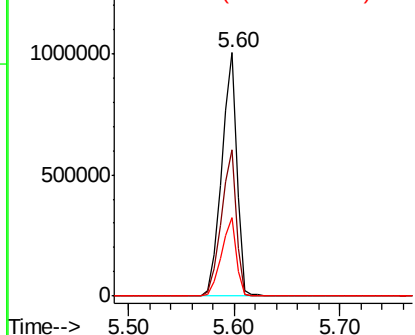
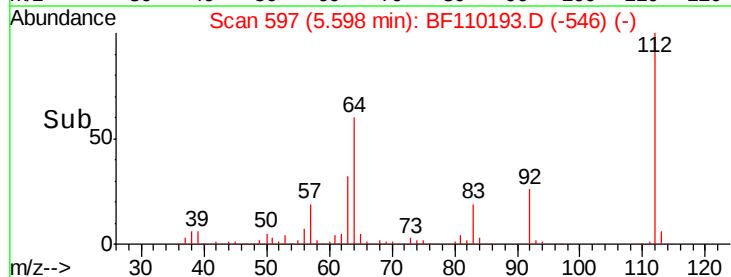
#5

2-Fluorophenol
Concen: 123.446 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Tgt Ion:112 Resp: 1015790
Ion Ratio Lower Upper
112 100
64 60.3 44.1 66.1
63 32.1 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: 120.633 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110193.D

Acq: 26 Oct 2018 6:43

Instrument :

BNA_F

ClientSampled :

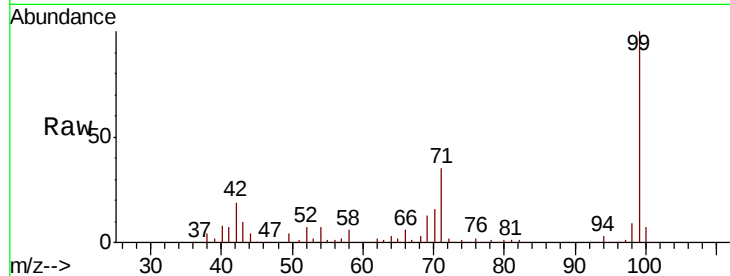
Tot Ion: 99 Resp: 1269662

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

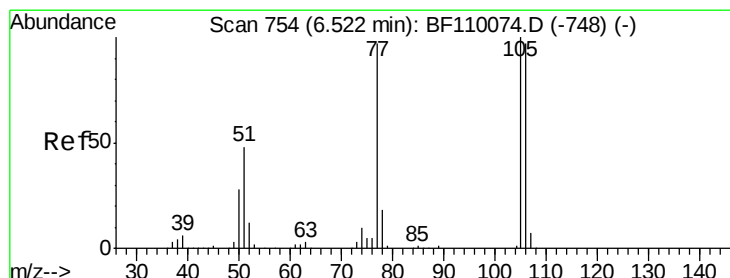
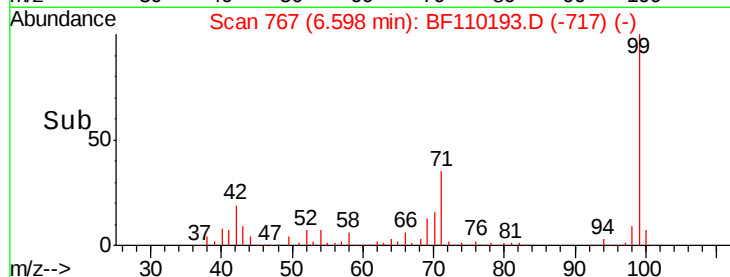
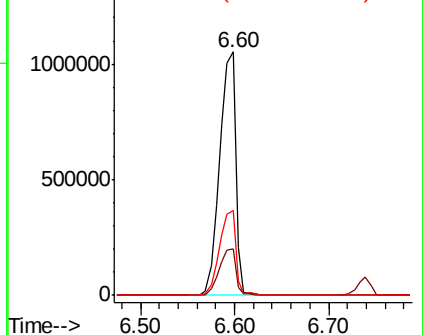
71 34.9 28.0 42.0



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: 2.388 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF110193.D

Acq: 26 Oct 2018 6:43

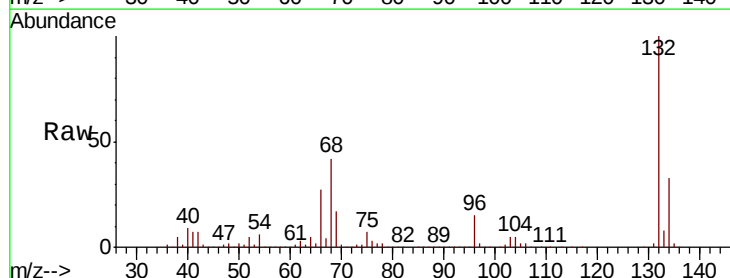
Tgt Ion: 77 Resp: 23723

Ion Ratio Lower Upper

77 100

105 80.9 78.6 118.6

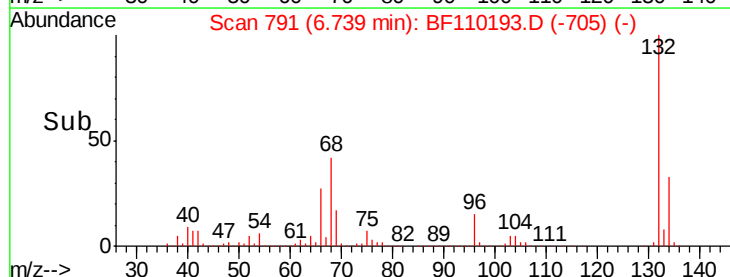
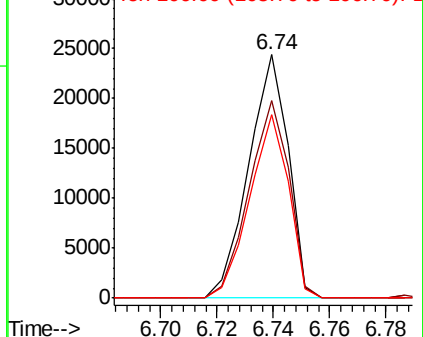
106 75.3 74.8 114.8

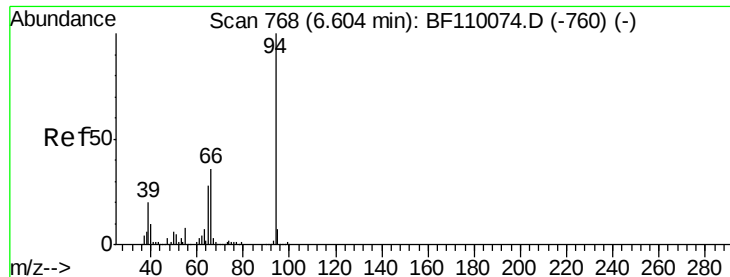


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 10.154 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110193.D

Acq: 26 Oct 2018 6:43

Instrument :

BNA_F

ClientSampleId :

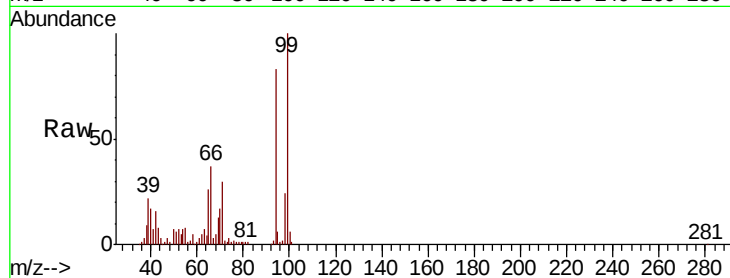
Tot Ion: 94 Resp: 114237

Ion Ratio Lower Upper

94 100

65 31.5 25.3 65.3

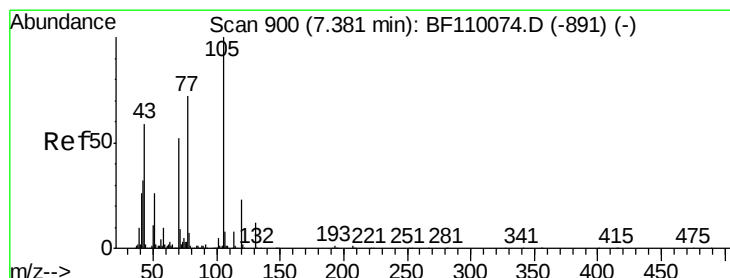
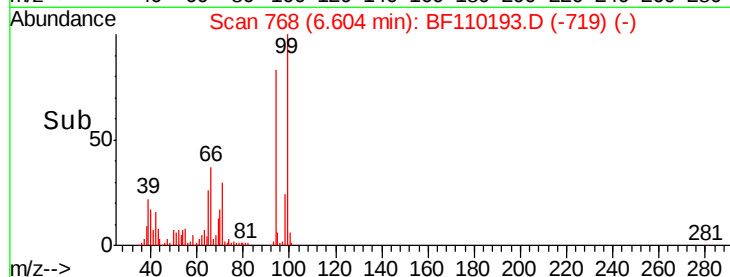
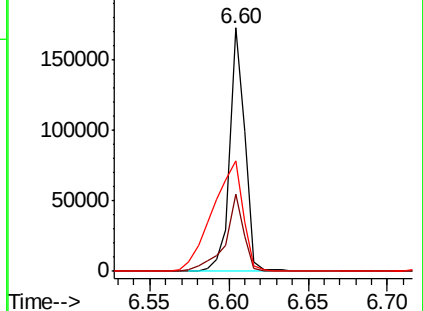
66 45.4 54.5 94.5#



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: 15.082 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110193.D

Acq: 26 Oct 2018 6:43

Tgt Ion: 70 Resp: 101836

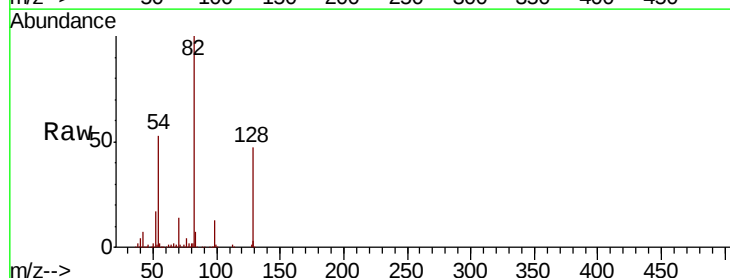
Ion Ratio Lower Upper

70 100

42 49.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

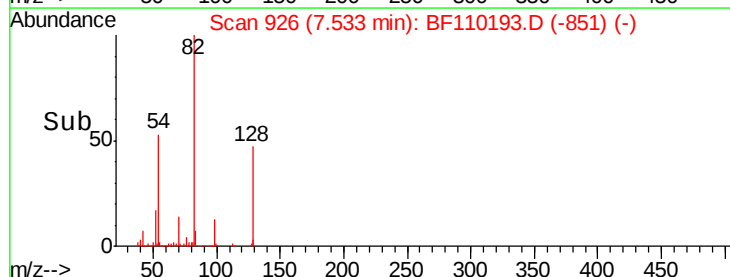
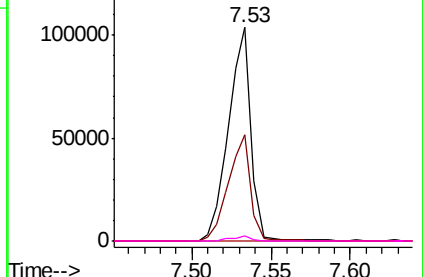


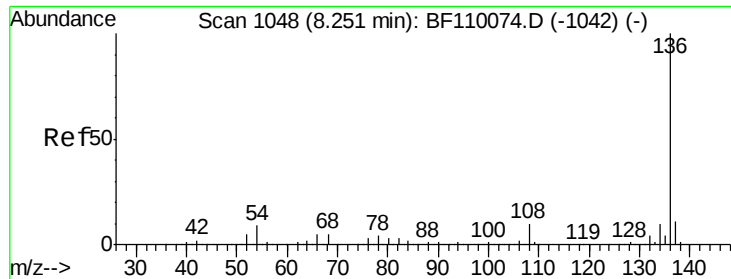
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

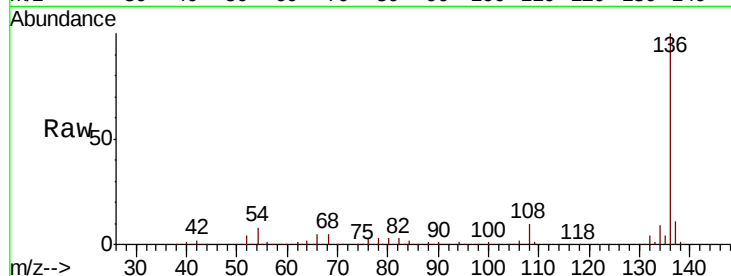




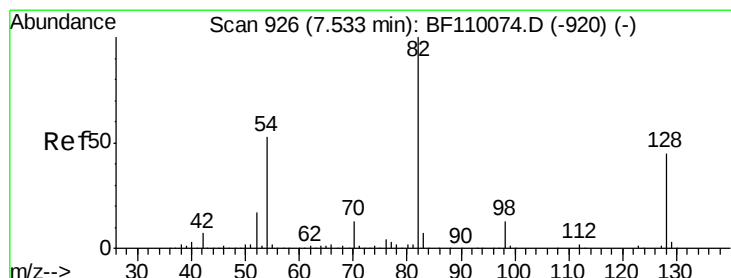
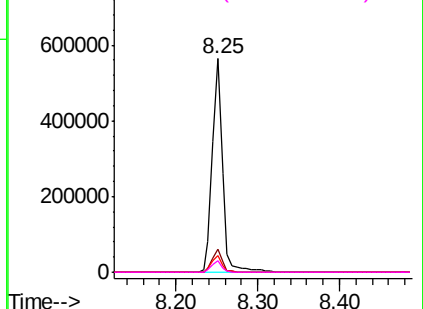
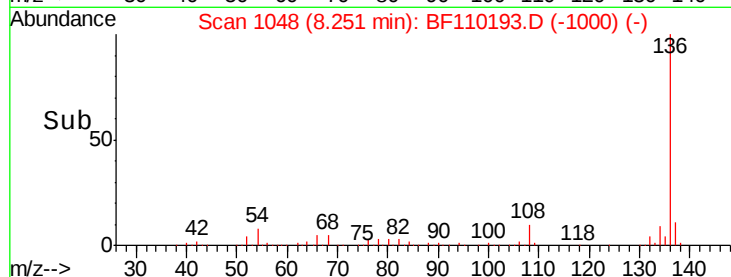
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	492513
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.9	5.4 8.2
68	5.4	4.2 6.2

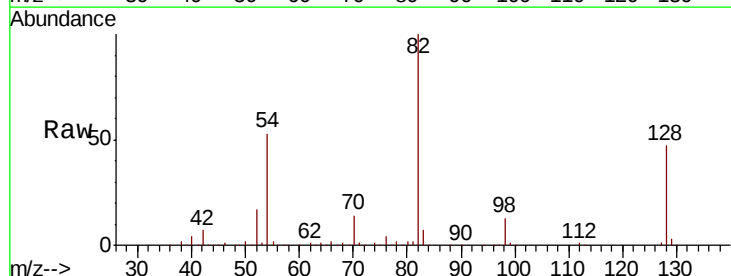


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

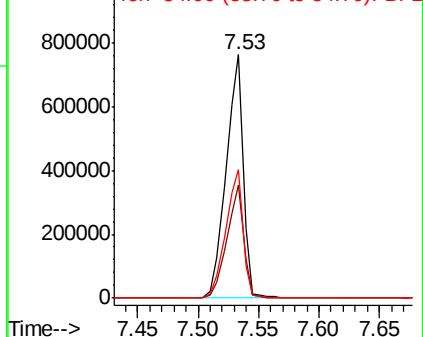
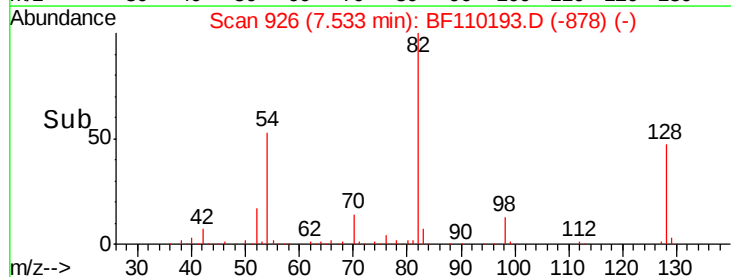


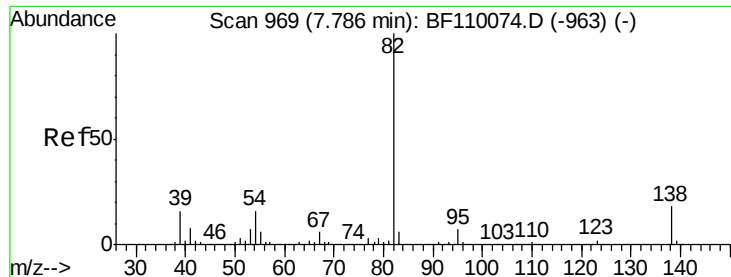
#23
Nitrobenzene-d5
Concen: 90.798 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Tgt Ion: 82	Resp:	753948
Ion Ratio	Lower	Upper
82	100	
128	46.6	34.2 51.2
54	52.8	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

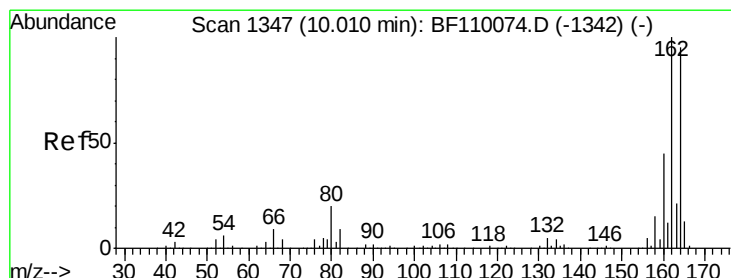
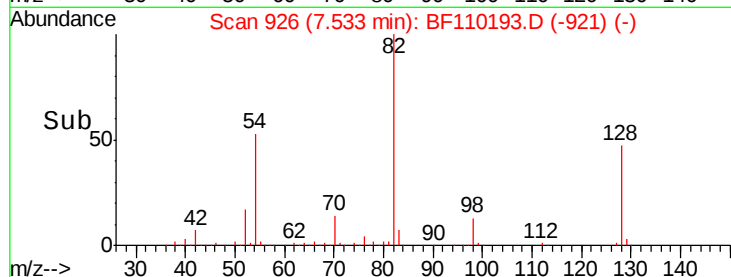
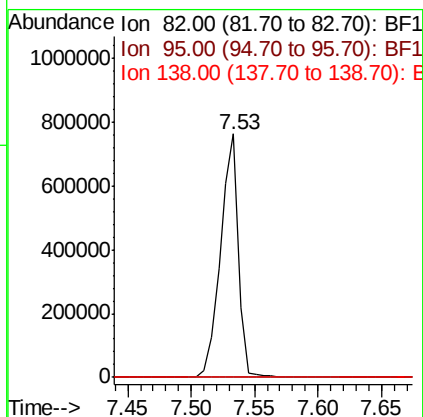
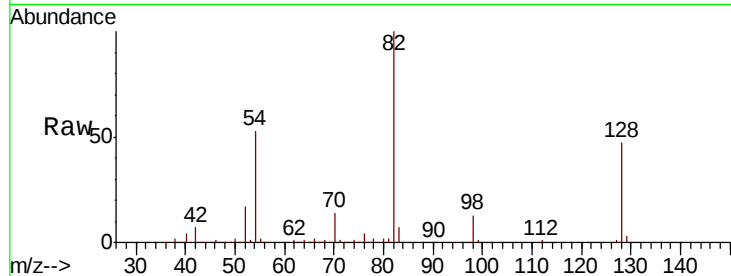




#25
Isophorone
Concen: 53.266 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

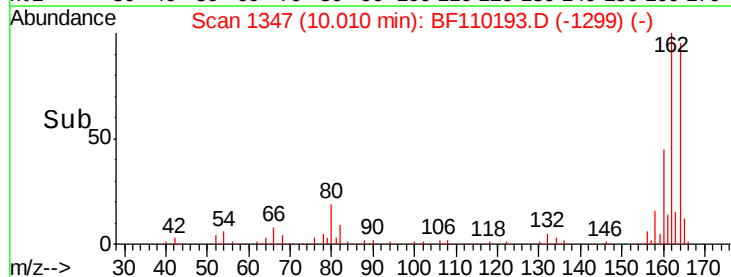
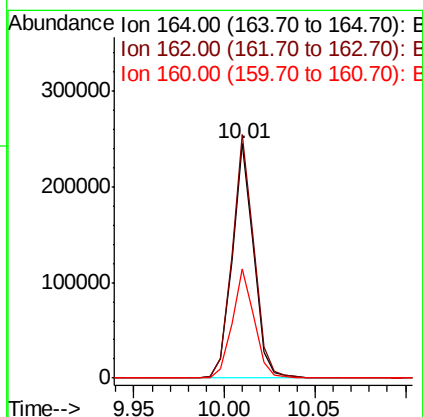
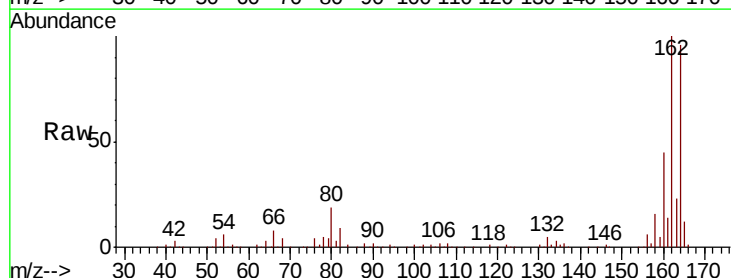
Instrument :
BNA_F
ClientSampleId :

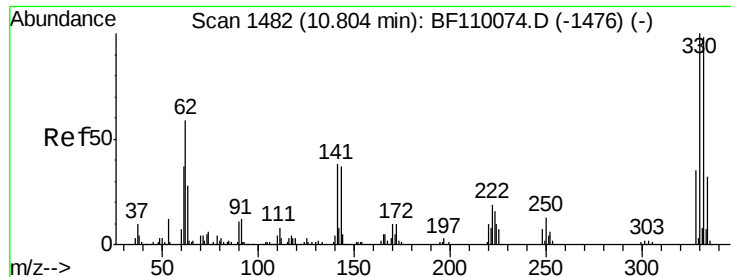
Tot Ion: 82 Resp: 753942
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Tgt Ion: 164 Resp: 203043
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 46.4 37.0 55.6

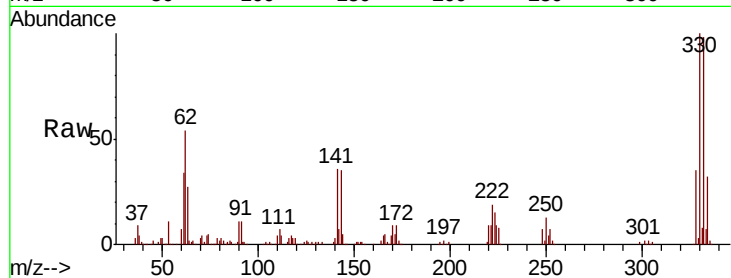




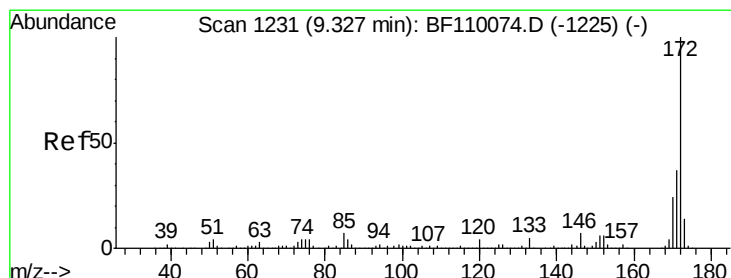
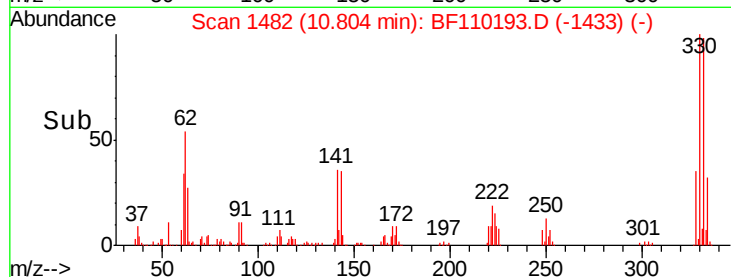
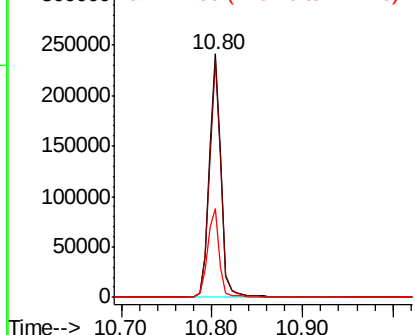
#42
 2,4,6-Tribromophenol
 Concen: 110.361 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110193.D
 Acq: 26 Oct 2018 6:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 221966
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 36.8 27.0 40.4

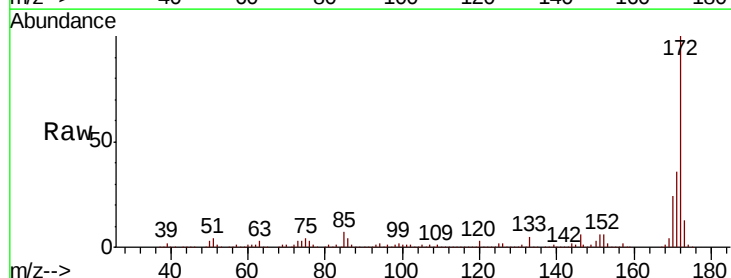


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

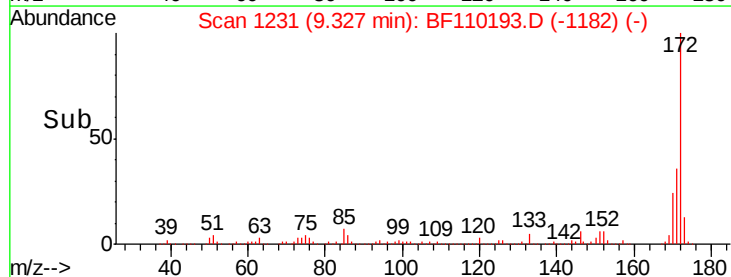
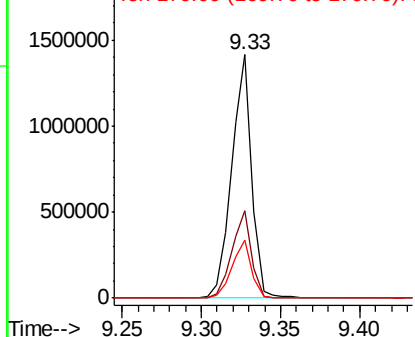


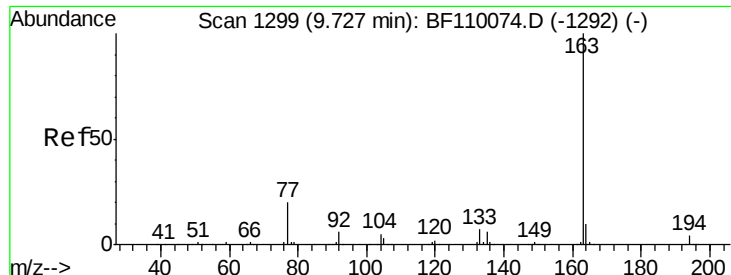
#45
 2-Fluorobiphenyl
 Concen: 95.421 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110193.D
 Acq: 26 Oct 2018 6:43

Tgt Ion:172 Resp: 1233841
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.7 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

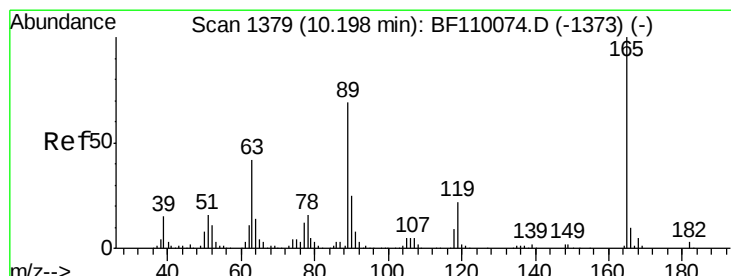
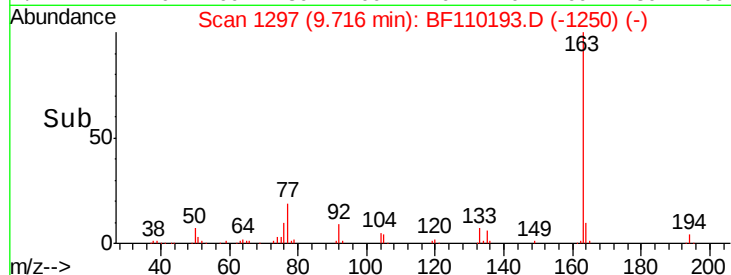
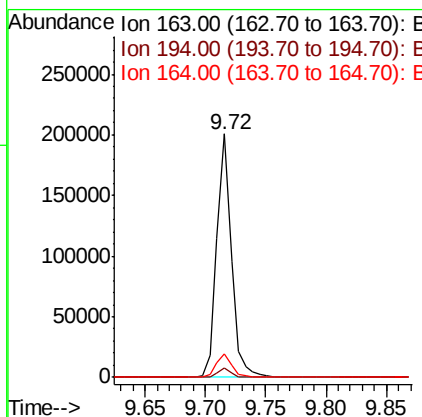
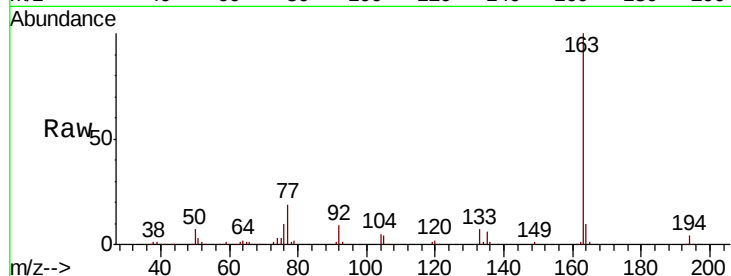




#50
Dimethylphthalate
Concen: 11.147 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

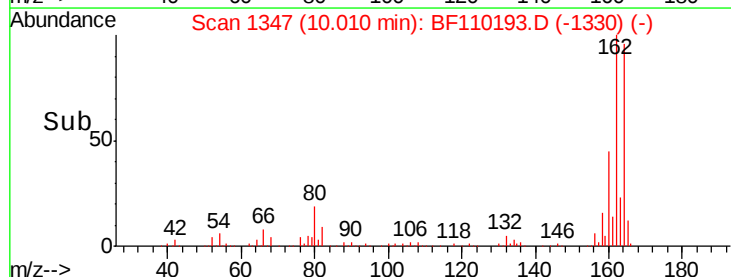
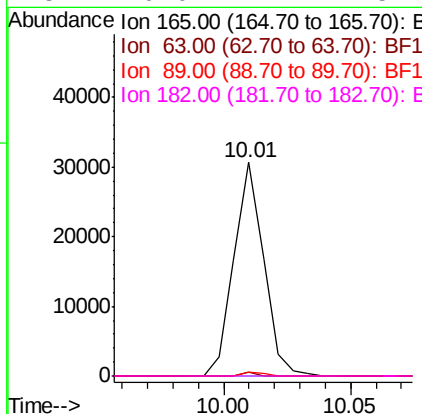
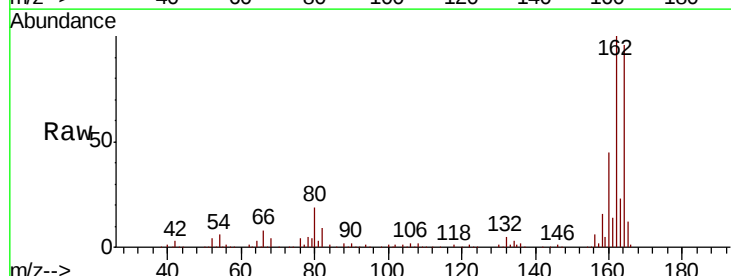
Instrument :
BNA_F
ClientSampleId :

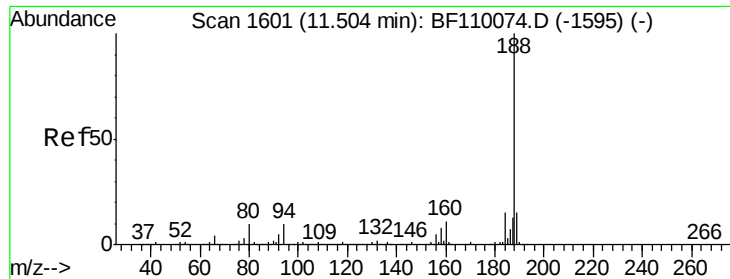
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.5	8.1	12.1



#57
2,4-Dinitrotoluene
Concen: 6.128 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

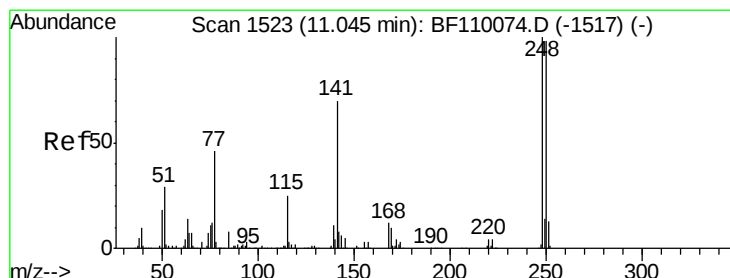
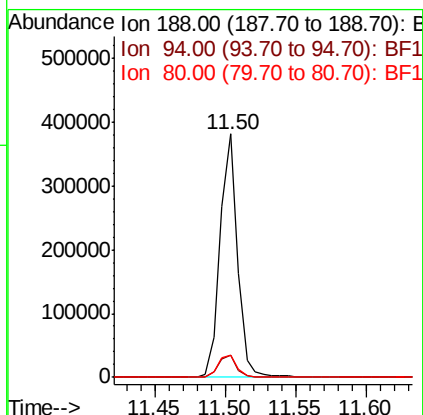
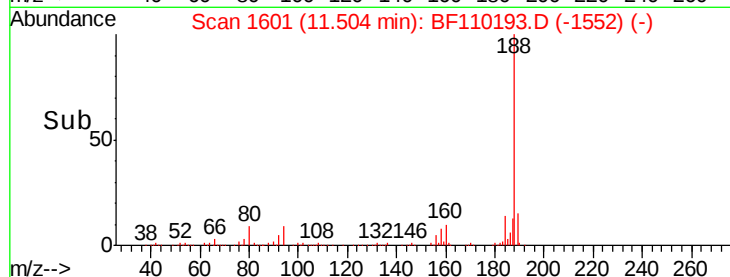
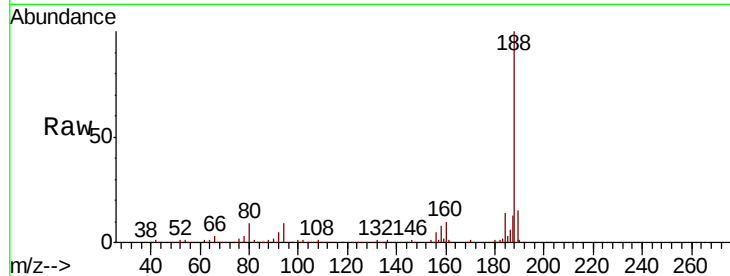




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

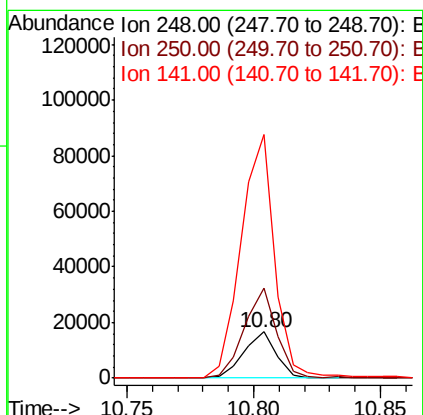
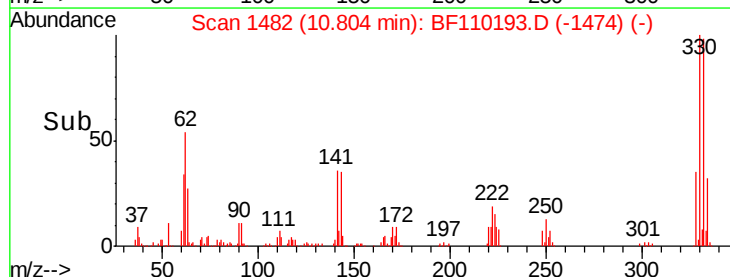
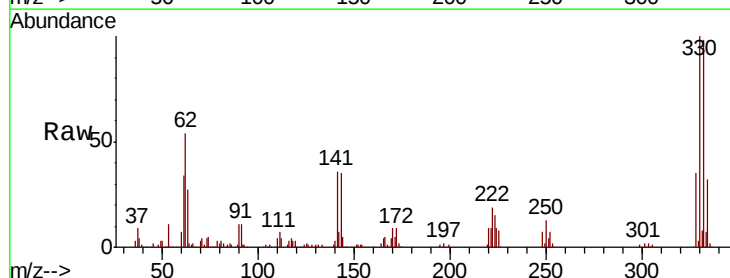
Instrument :
BNA_F
ClientSampleId :

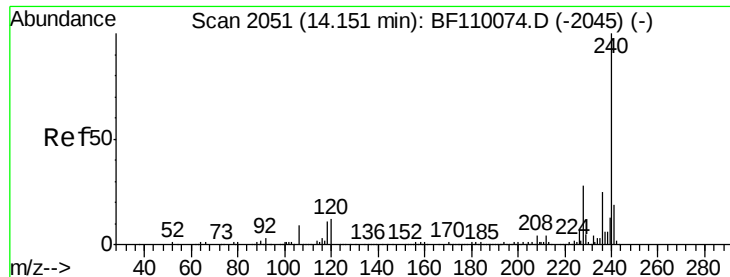
Tot Ion:188 Resp: 329450
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF110193.D
Acq: 26 Oct 2018 6:43

Tgt Ion:248 Resp: 14622
Ion Ratio Lower Upper
248 100
250 194.1 79.4 119.2#
141 527.2 55.9 83.9#

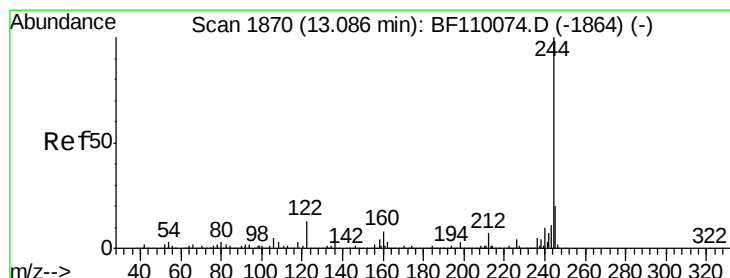
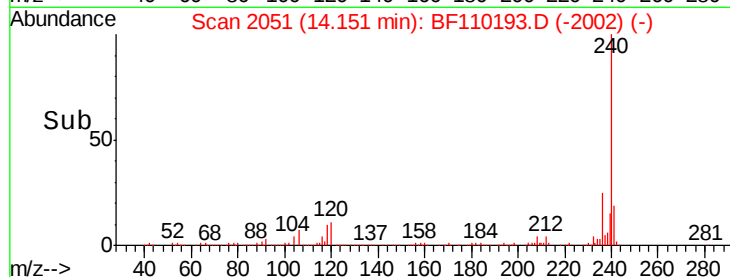
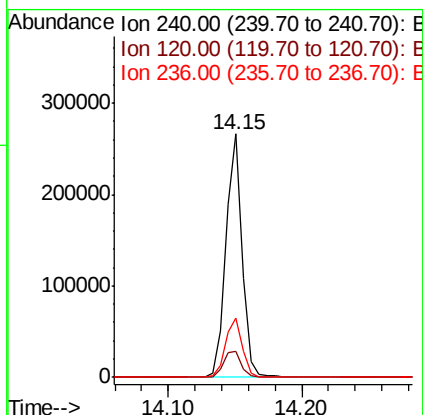
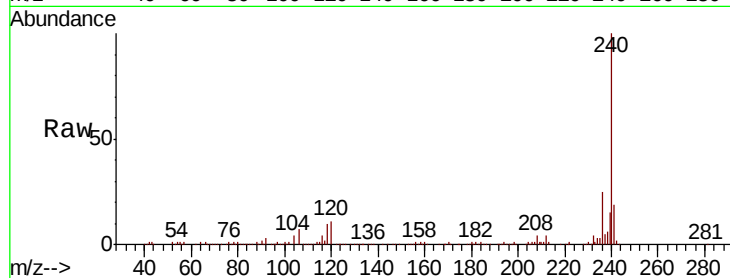




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110193.D
 Acq: 26 Oct 2018 6:43

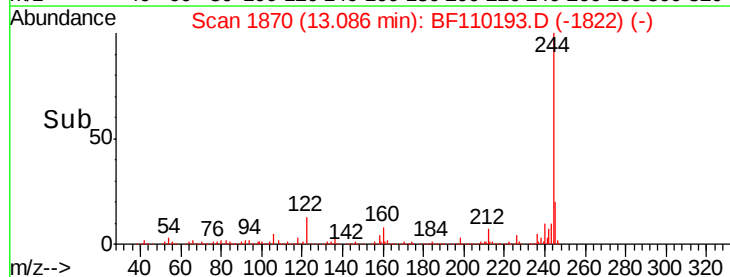
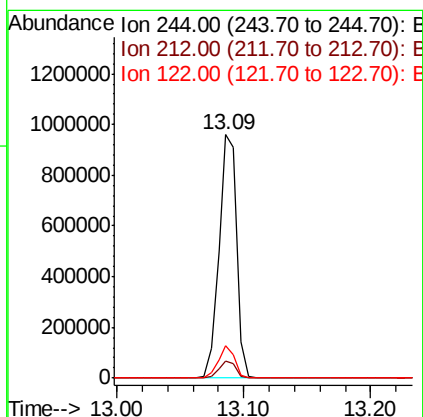
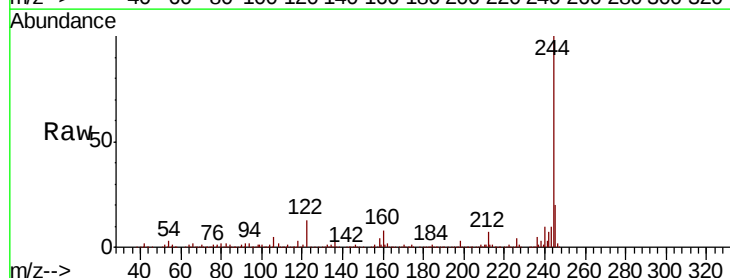
Instrument :
 BNA_F
 ClientSampleId :

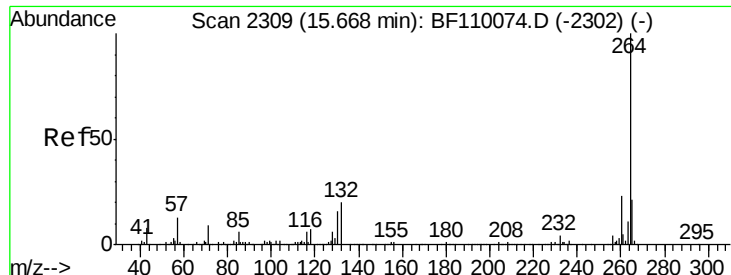
Tot Ion:240 Resp: 229039
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.3 12.5
 236 24.5 21.2 31.8



#79
 Terphenyl-d14
 Concen: 85.470 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110193.D
 Acq: 26 Oct 2018 6:43

Tgt Ion:244 Resp: 941281
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.1 8.7 13.1#

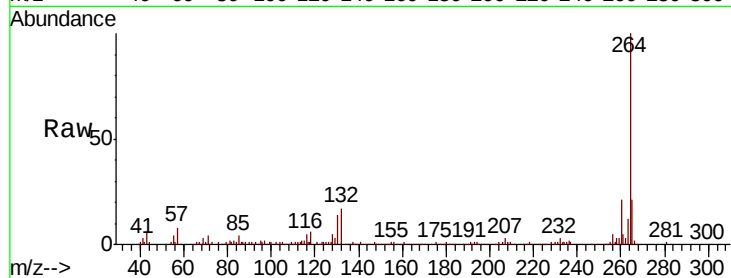




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110193.D
 Acq: 26 Oct 2018 6:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.9	18.7	28.1
265	21.1	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

