

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110194.D
 Acq On : 26 Oct 2018 7:10
 Operator : JU/SJ
 Sample : J5640-13RX
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 09:17:18 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

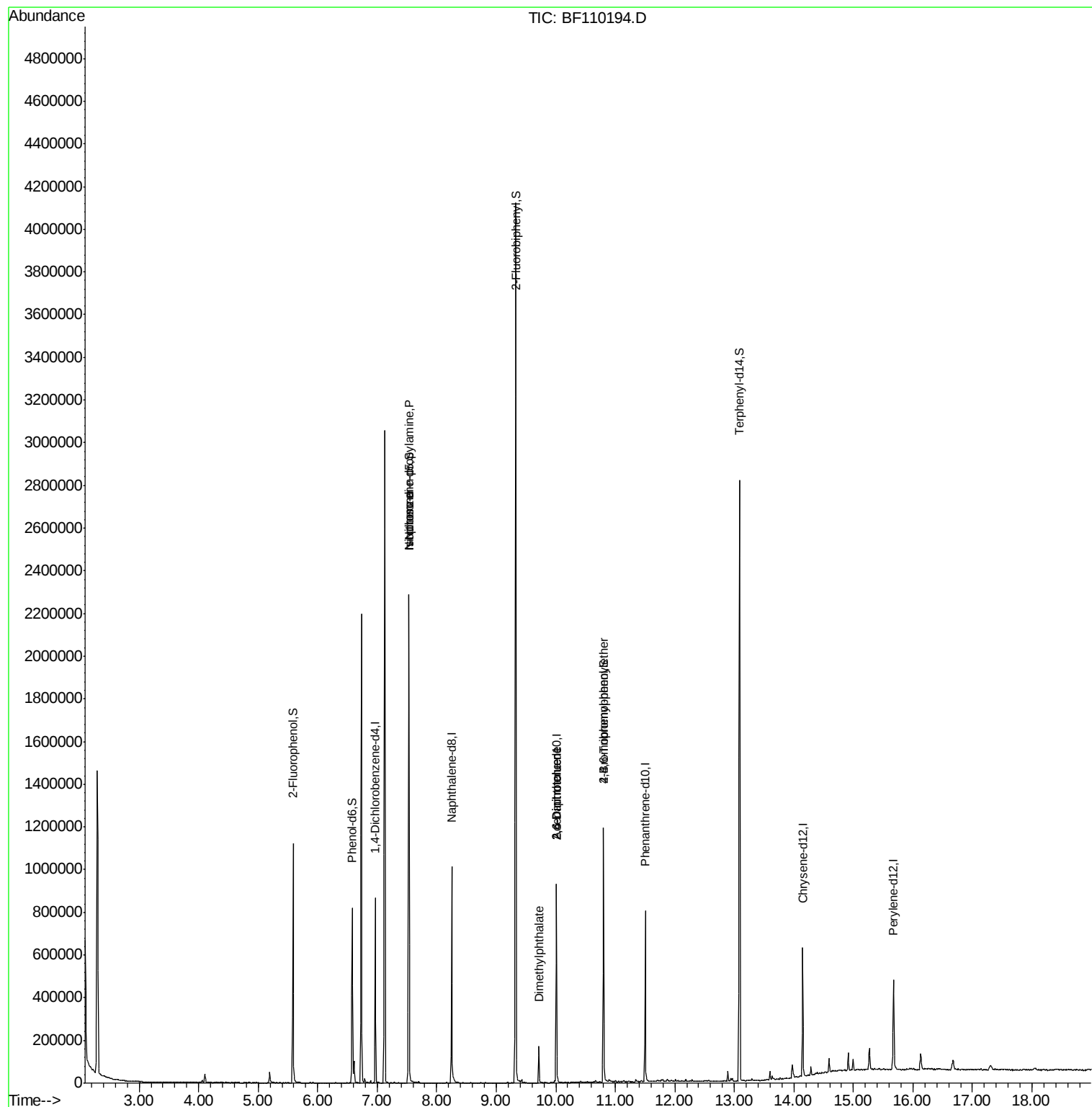
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	121618	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	446209	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	177159	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	288039	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	217174	20.00	ng	-0.01
87) Perylene-d12	15.67	264	160371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	306260	41.01	ng	-0.01
7) Phenol-d6	6.58	99	242756	25.41	ng	-0.02
23) Nitrobenzene-d5	7.53	82	741934	98.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	138833	79.11	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1230898	109.10	ng	-0.01
79) Terphenyl-d14	13.09	244	969590	92.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	98389	16.055	ng	# 78
25) Isophorone	7.53	82	741929	57.856	ng	# 67
50) Dimethylphthalate	9.72	163	73268	5.603	ng	100
51) 2,6-Dinitrotoluene	10.01	165	21804	7.740	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	21804	6.094	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	9024	2.888	ng	# 1

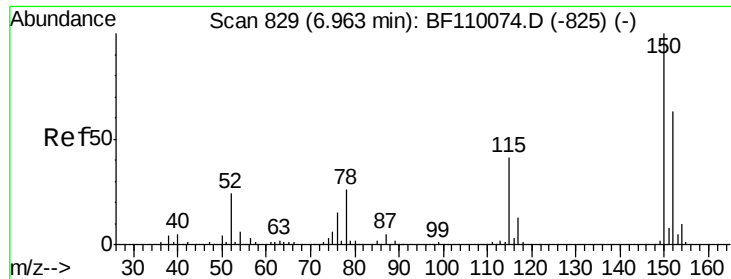
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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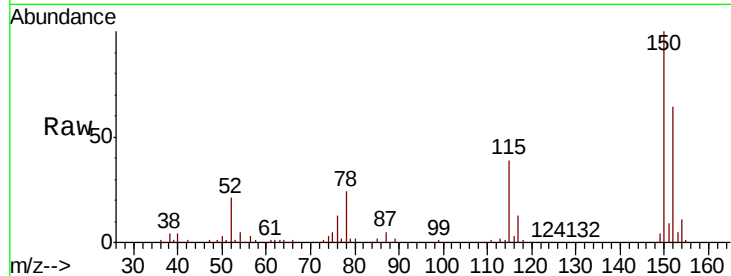


#1

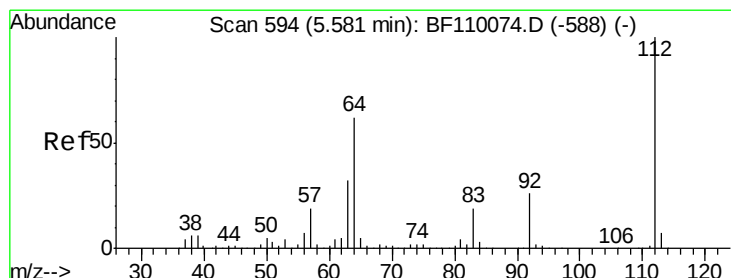
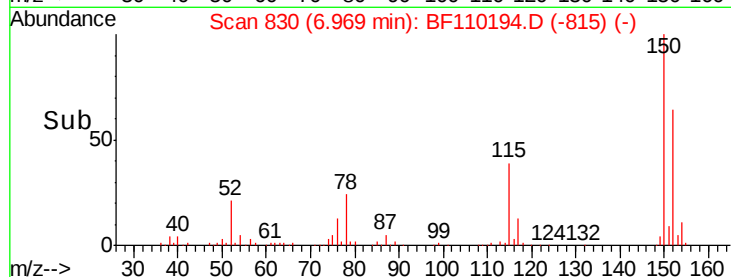
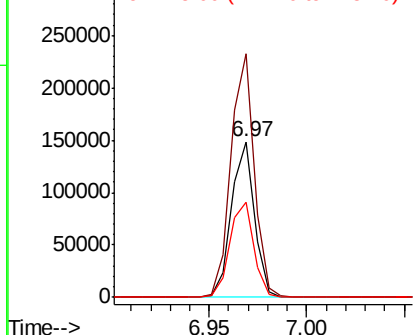
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121618
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 61.3 49.1 73.7



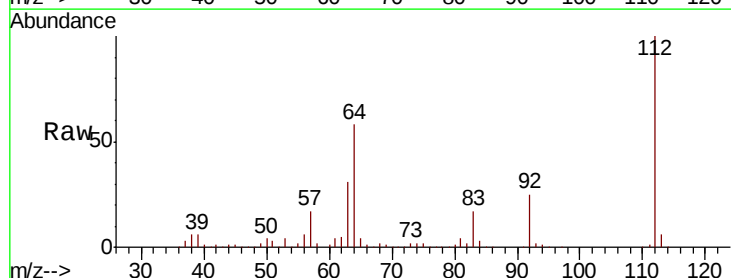
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



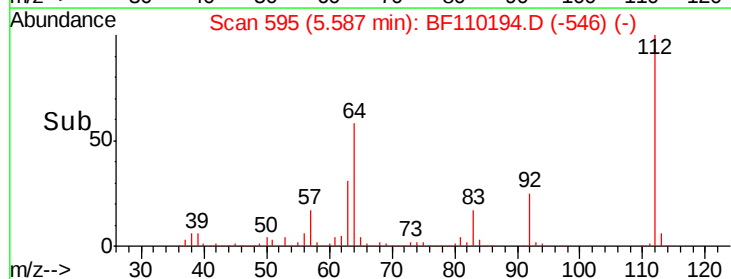
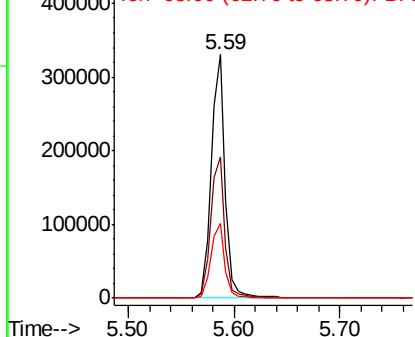
#5

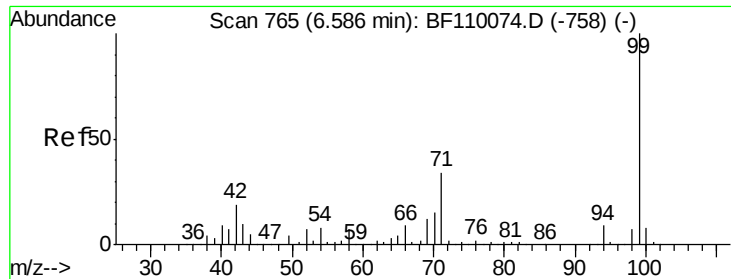
2-Fluorophenol
Concen: 41.008 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Tgt Ion:112 Resp: 306260
Ion Ratio Lower Upper
112 100
64 58.2 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: 25.413 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110194.D

Acq: 26 Oct 2018 7:10

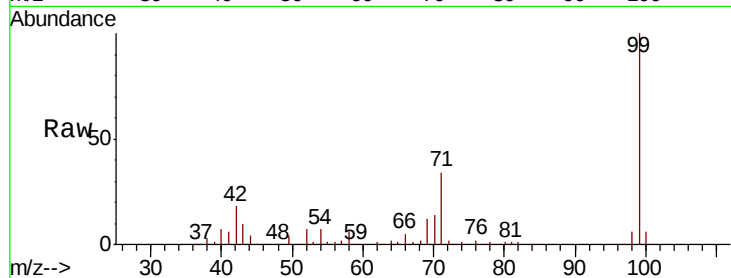
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 242756

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	34.0	28.0	42.0

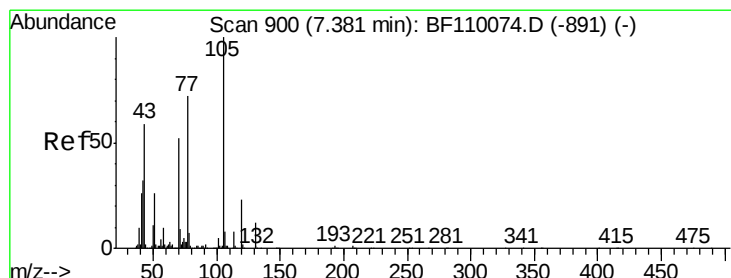
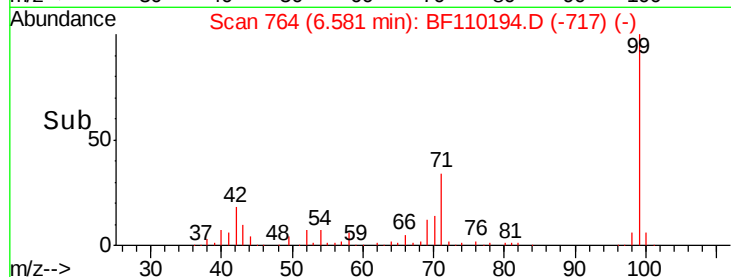
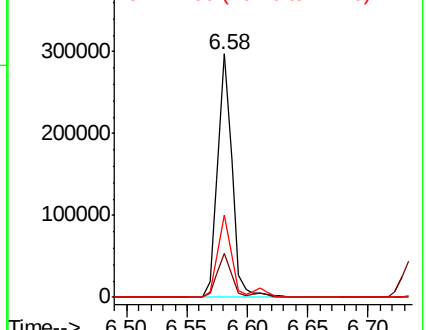


Abundance

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: 16.055 ng

RT: 7.53 min Scan# 926

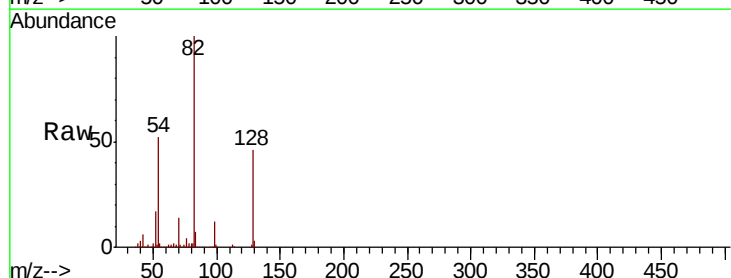
Delta R.T. 0.14 min

Lab File: BF110194.D

Acq: 26 Oct 2018 7:10

Tgt Ion: 70 Resp: 98389

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



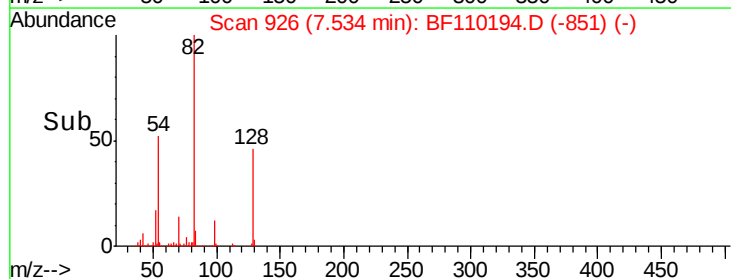
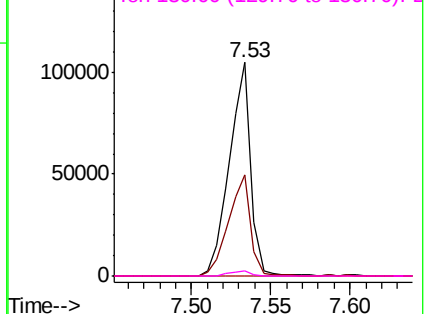
Abundance

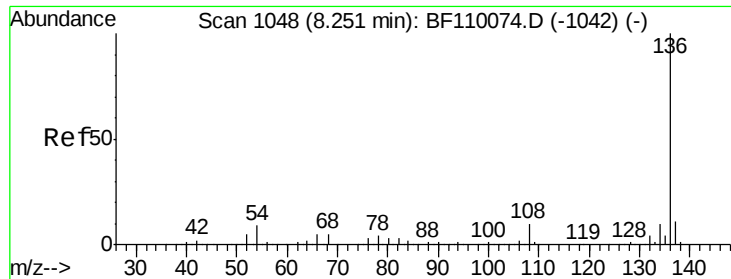
Ion 70.00 (69.70 to 70.70): BF1

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

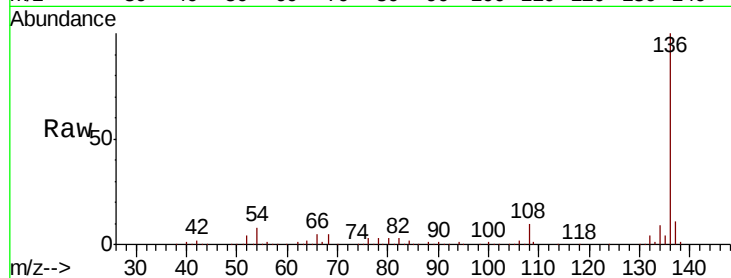




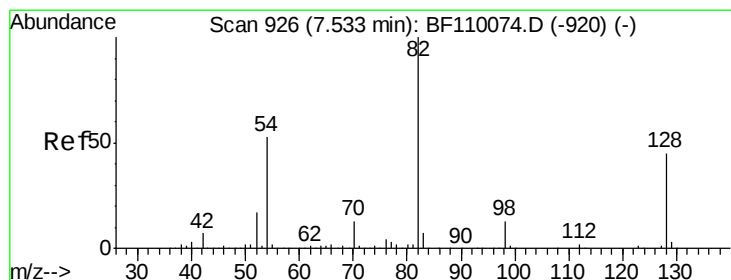
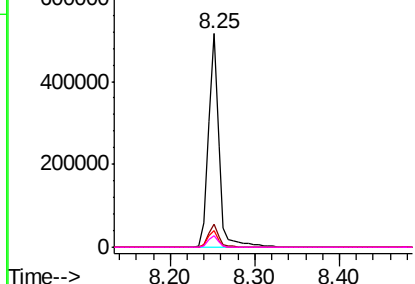
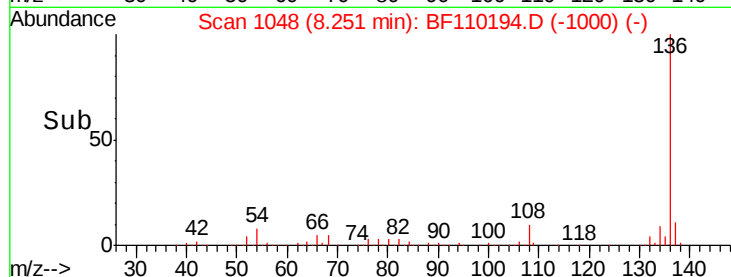
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	446209
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.8	5.4 8.2
68	5.3	4.2 6.2

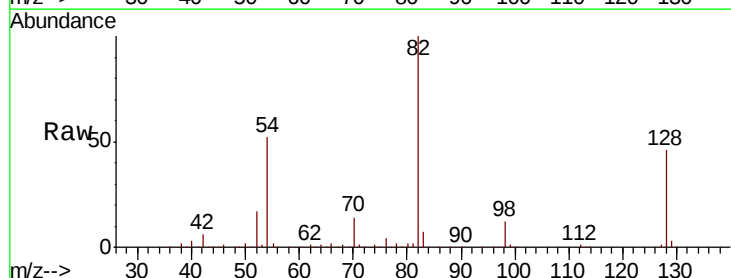


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

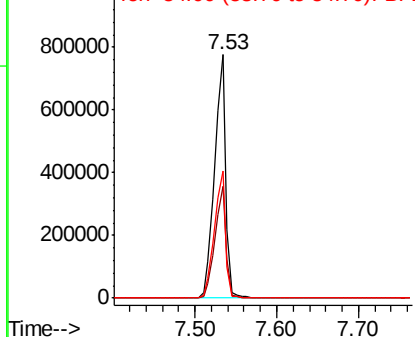
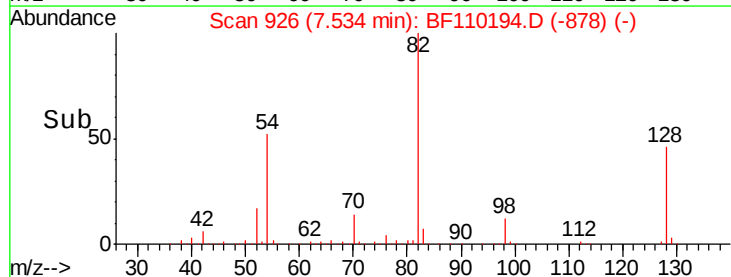


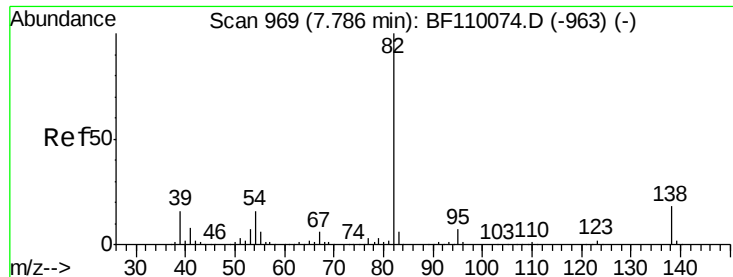
#23
Nitrobenzene-d5
Concen: 98.623 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Tgt Ion: 82	Resp:	741934
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.2 51.2
54	52.3	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.856 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110194.D

Acq: 26 Oct 2018 7:10

Instrument :

BNA_F

ClientSampled :

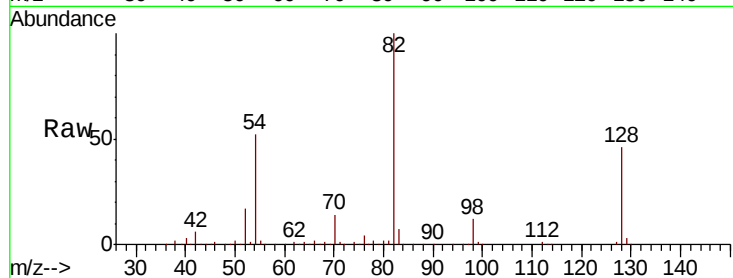
Tot Ion: 82 Resp: 741929

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

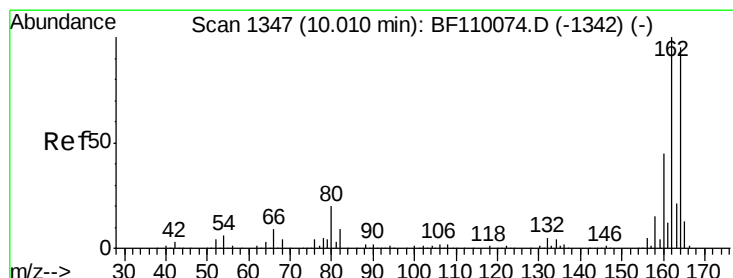
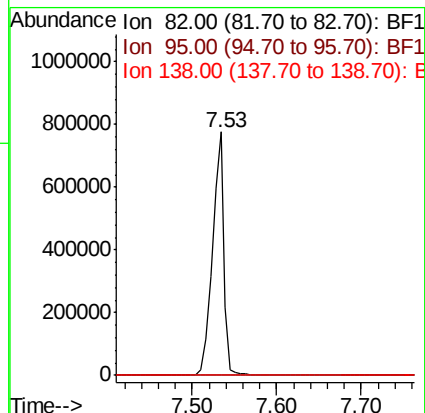
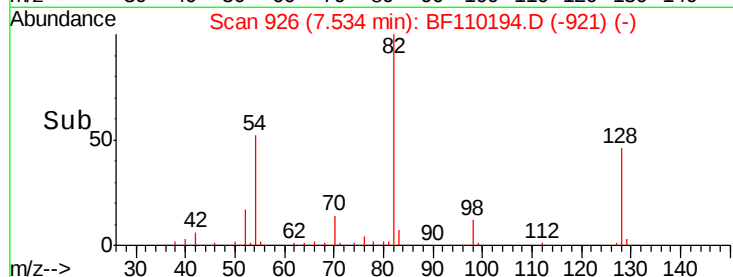
138 0.0 13.2 19.8#



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: BF110194.D

Acq: 26 Oct 2018 7:10

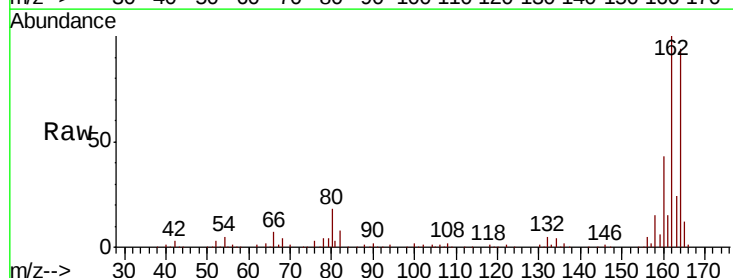
Tgt Ion: 164 Resp: 177159

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.6

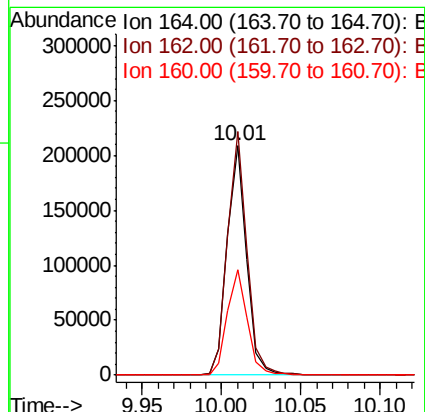
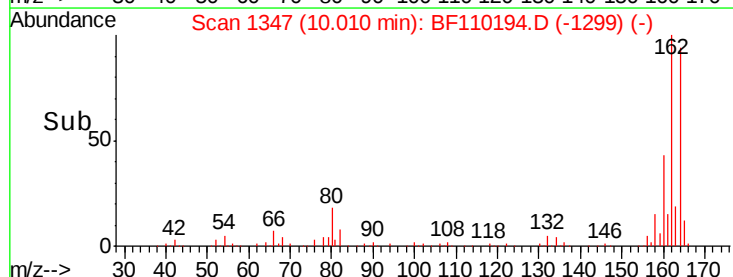
160 46.0 37.0 55.6

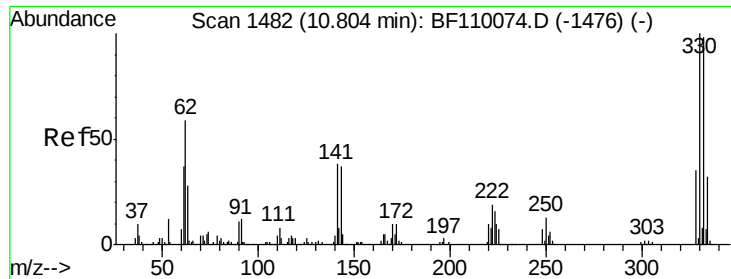


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

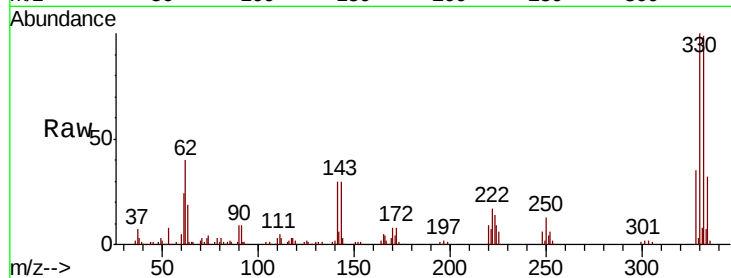




#42
 2,4,6-Tribromophenol
 Concen: 79.113 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110194.D
 Acq: 26 Oct 2018 7:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	36.9	27.0	40.4

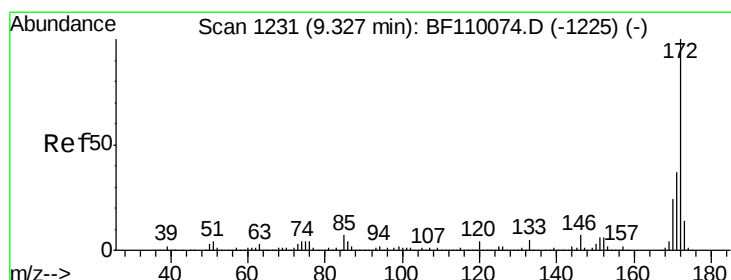
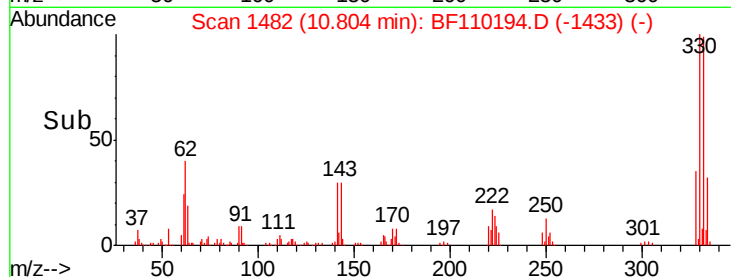
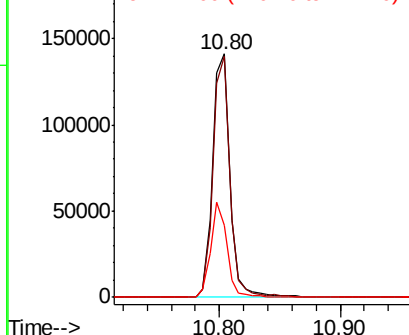


Abundance

Ion 329.80 (329.50 to 330.50): E

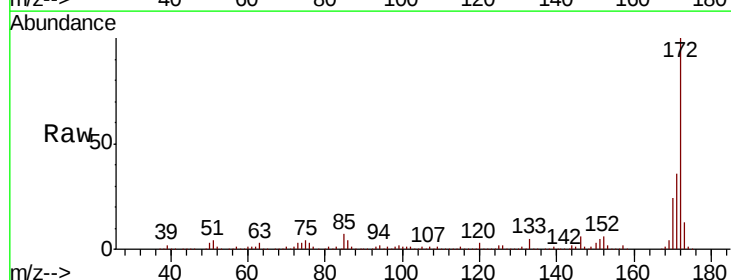
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.101 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110194.D
 Acq: 26 Oct 2018 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.7	29.5

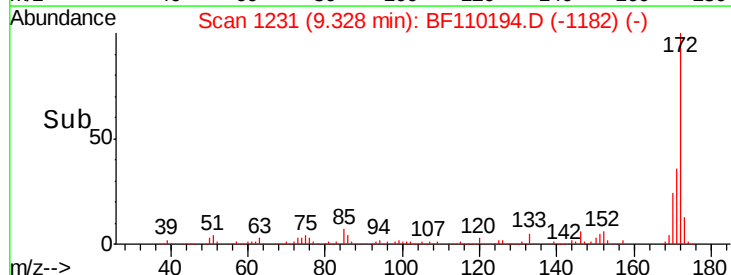
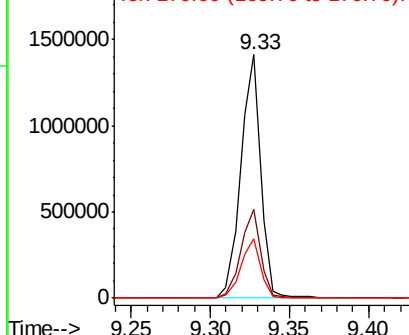


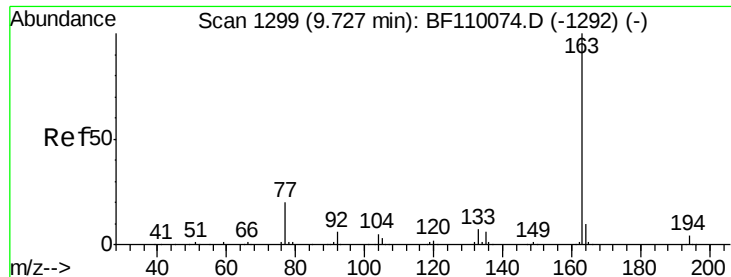
Abundance

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

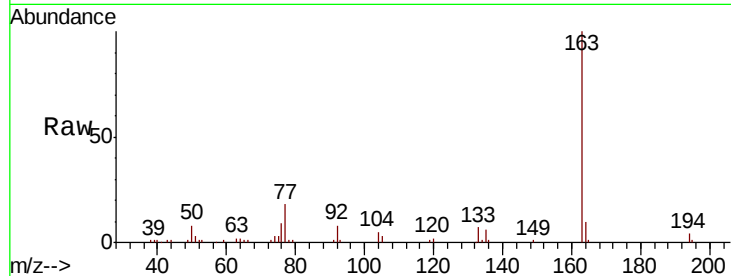




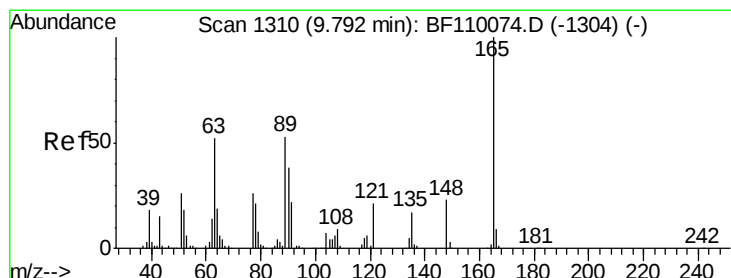
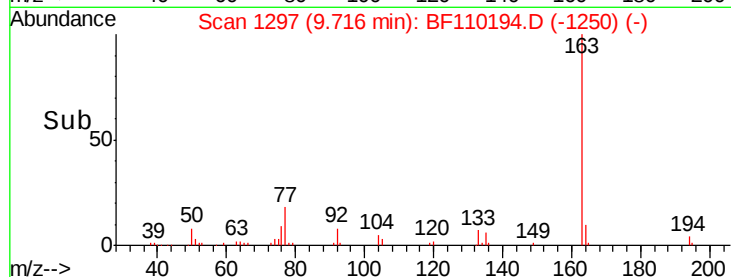
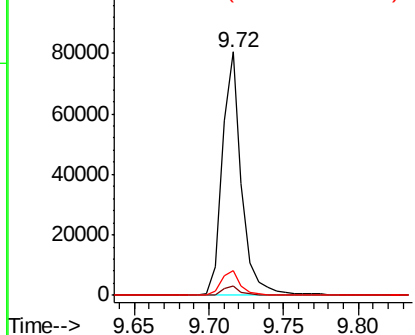
#50
Dimethylphthalate
Concen: 5.603 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 73268
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.1 12.1

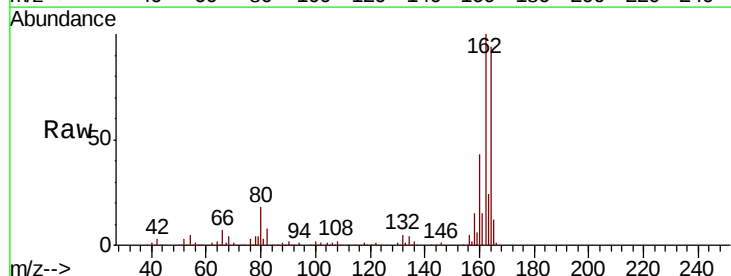


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

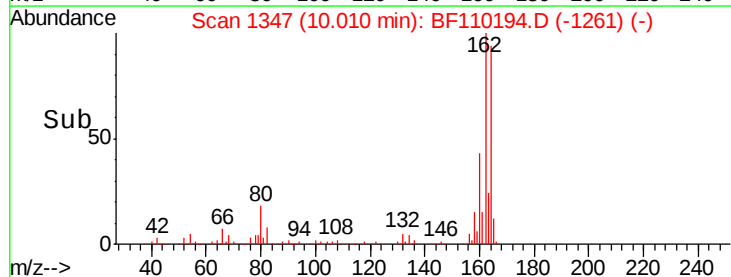
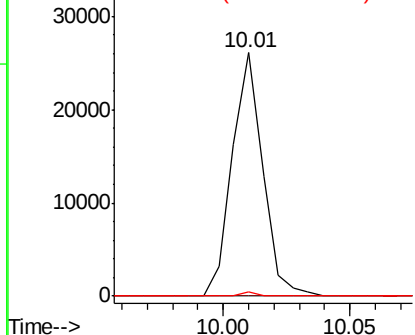


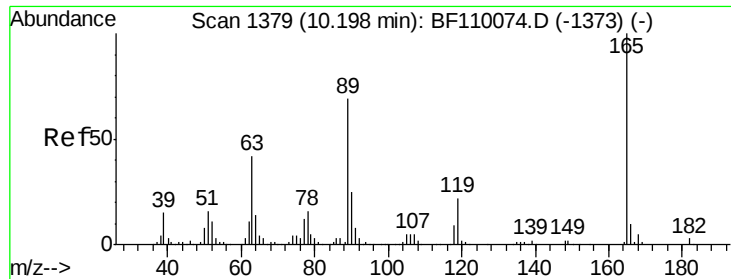
#51
2,6-Dinitrotoluene
Concen: 7.740 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Tgt Ion:165 Resp: 21804
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.7 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

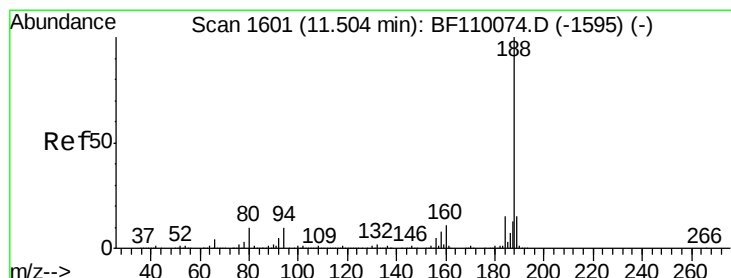
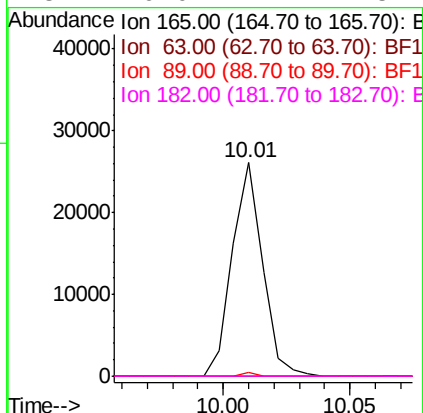
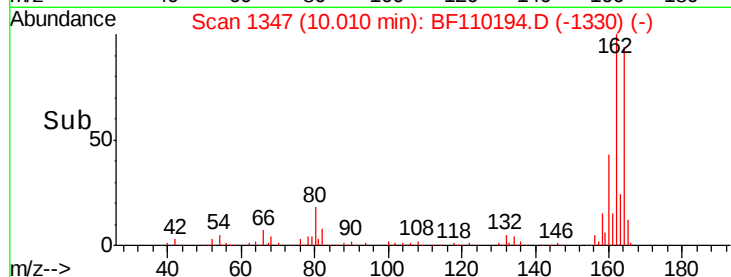
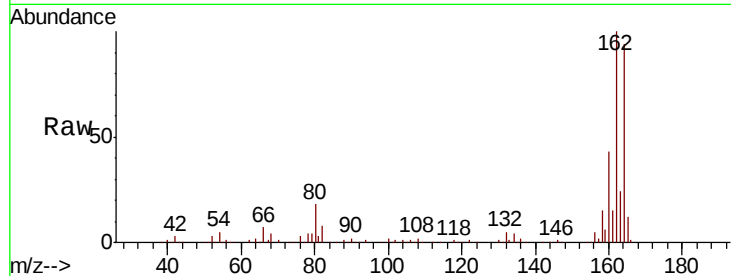




#57
 2,4-Dinitrotoluene
 Concen: 6.094 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110194.D
 Acq: 26 Oct 2018 7:10

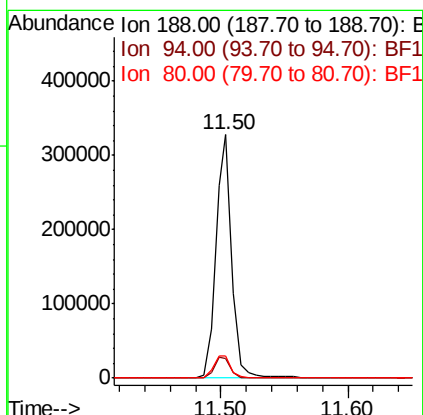
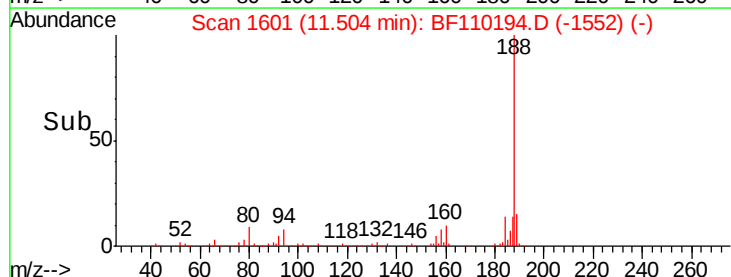
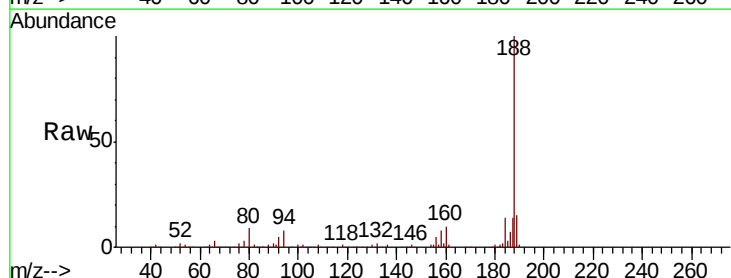
Instrument :
 BNA_F
 ClientSampleId :

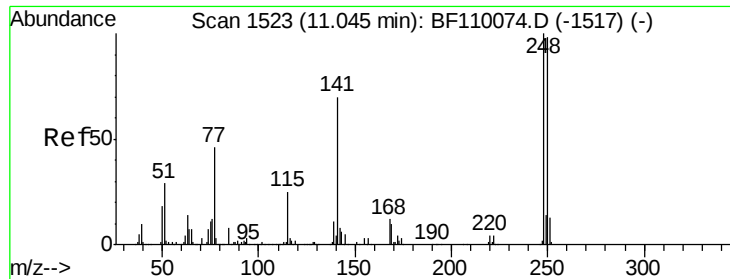
Tot Ion:165	Resp:	21804
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.7	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110194.D
 Acq: 26 Oct 2018 7:10

Tgt Ion:188	Resp:	288039
Ion Ratio	Lower	Upper
188	100	
94	8.3	7.2 10.8
80	8.9	7.9 11.9

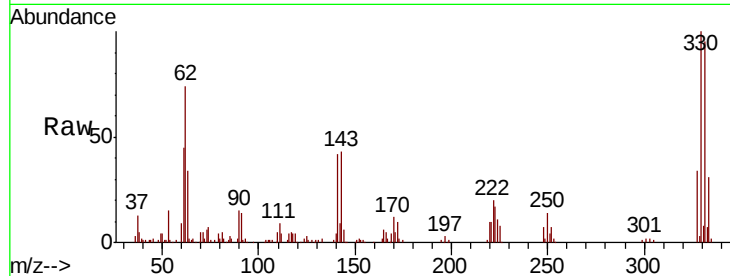




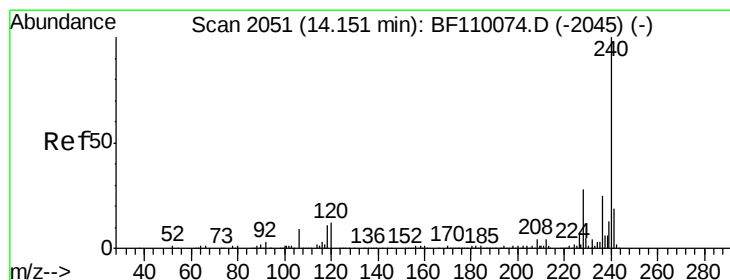
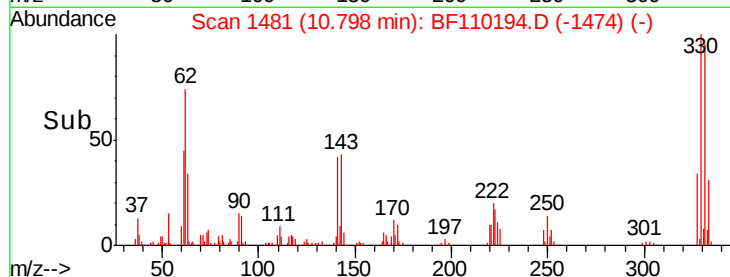
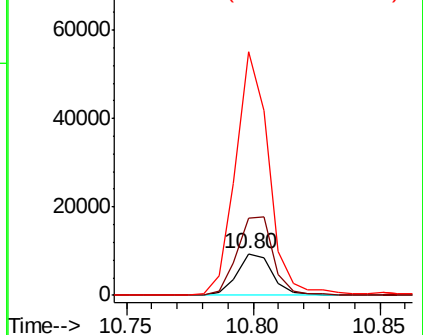
#67
4-Bromophenyl-phenylether
Concen: 2.888 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9024
Ion Ratio Lower Upper
248 100
250 186.2 79.4 119.2#
141 583.4 55.9 83.9#

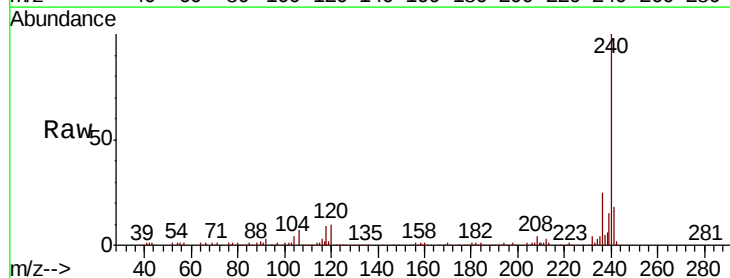


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

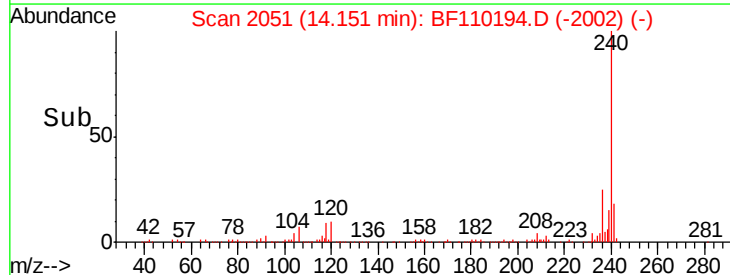
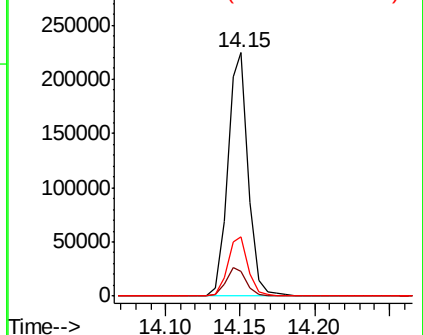


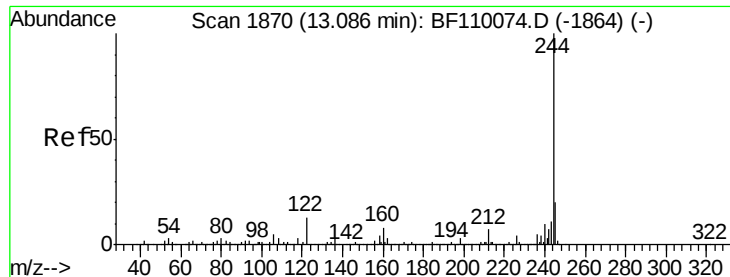
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110194.D
Acq: 26 Oct 2018 7:10

Tgt Ion:240 Resp: 217174
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 24.6 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

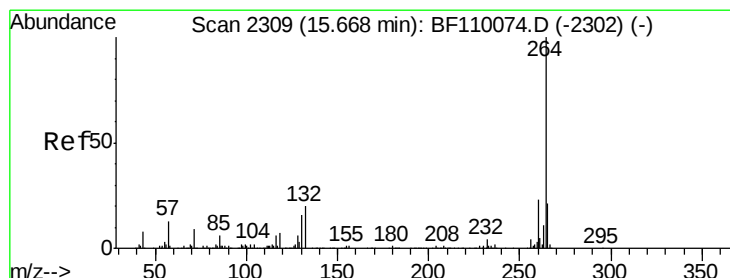
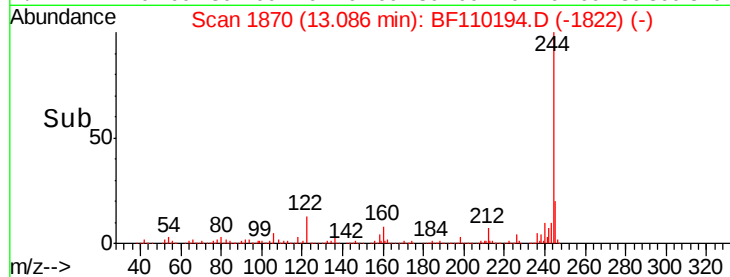
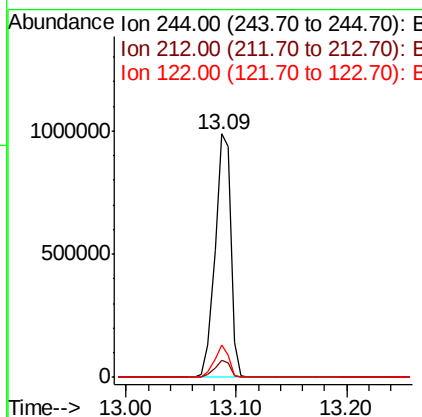
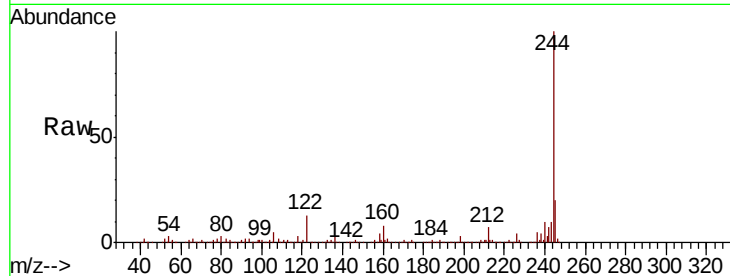




#79
 Terphenyl-d14
 Concen: 92.850 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110194.D
 Acq: 26 Oct 2018 7:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 969590
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.3 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110194.D
 Acq: 26 Oct 2018 7:10

Tgt Ion:264 Resp: 160371
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 20.9 16.7 25.1

