

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110339.D
 Acq On : 31 Oct 2018 18:09
 Operator : JU/SJ
 Sample : J5730-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:43:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

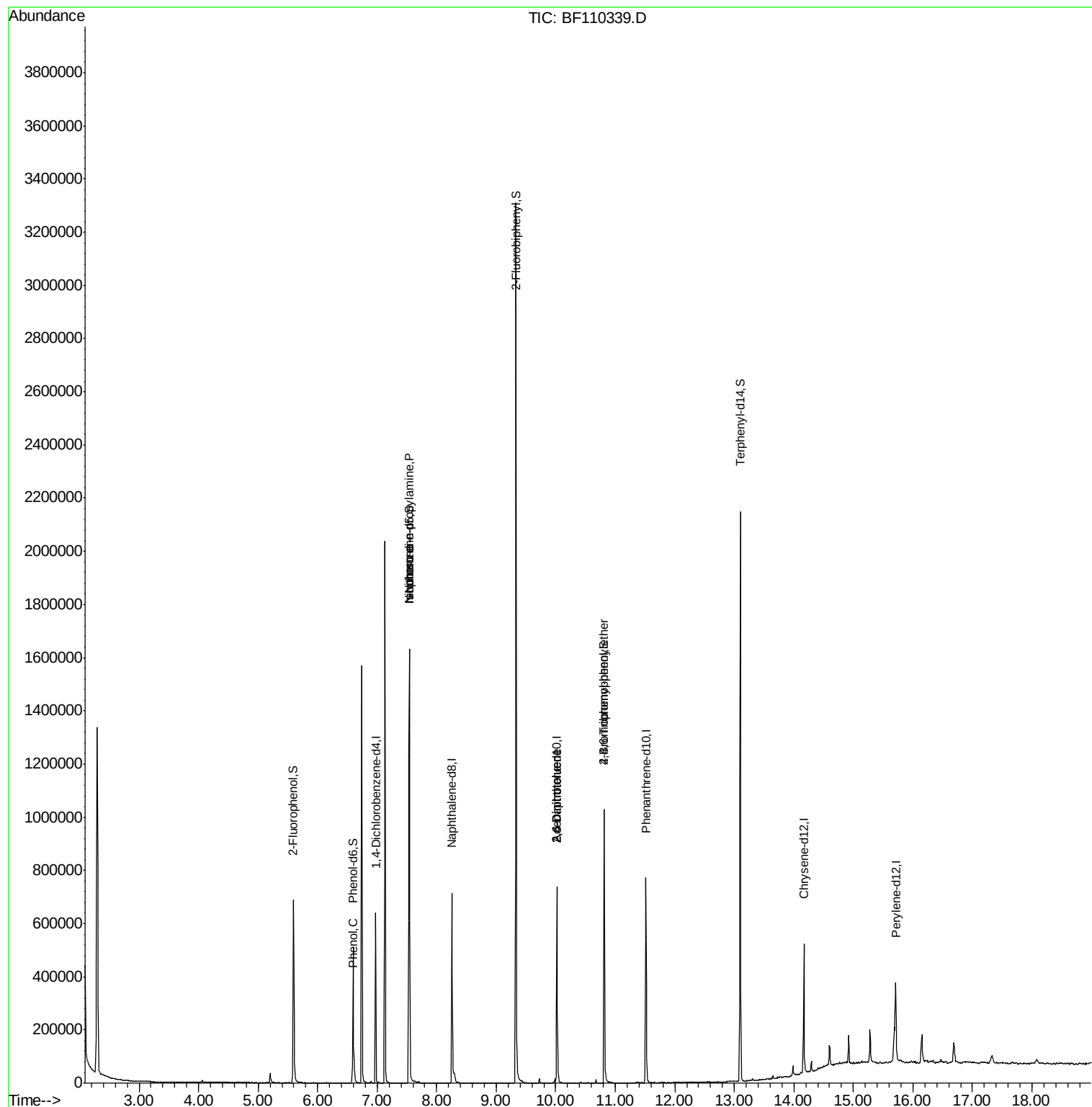
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	90654	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	365717	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	167895	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	292688	20.00	ng	0.00
76) Chrysene-d12	14.17	240	170745	20.00	ng	0.00
87) Perylene-d12	15.71	264	148337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	209638	37.66	ng	0.00
7) Phenol-d6	6.59	99	162254	22.79	ng	-0.01
23) Nitrobenzene-d5	7.54	82	543169	88.09	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	131158	78.86	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	999957	93.52	ng	0.00
79) Terphenyl-d14	13.10	244	751413	91.52	ng	0.00
Target Compounds						
10) Phenol	6.60	94	21073	2.769	ng	# 70
19) n-Nitroso-di-n-propylamine	7.54	70	72947	15.969	ng	# 80
25) Isophorone	7.54	82	543165	51.679	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	20860	7.814	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	20860	6.152	ng	# 17
67) 4-Bromophenyl-phenylether	10.82	248	8375	2.638	ng	# 1

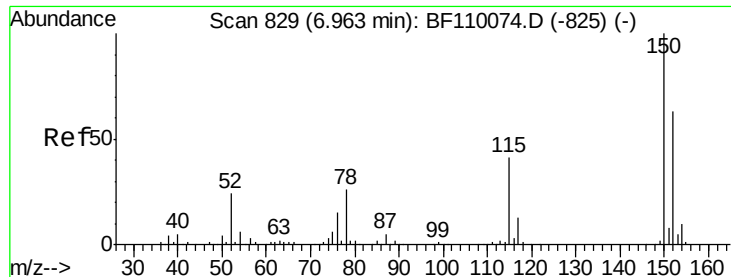
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 14:18:16 2018
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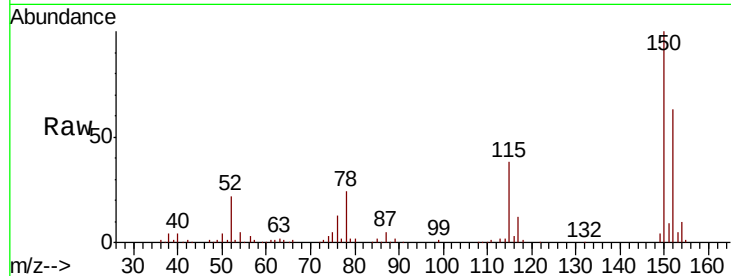


#1

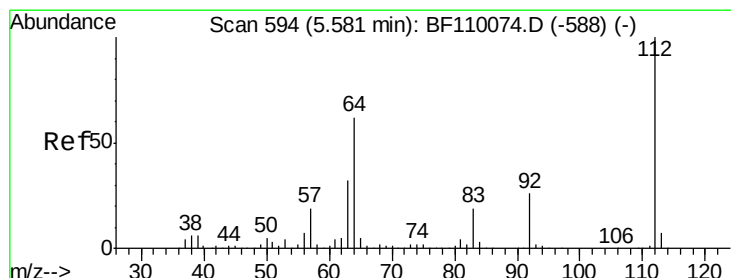
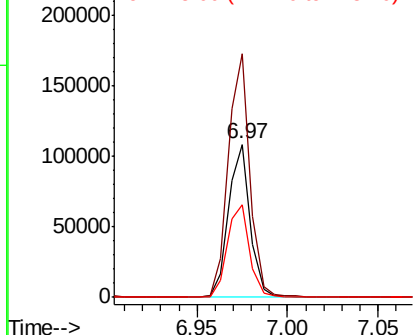
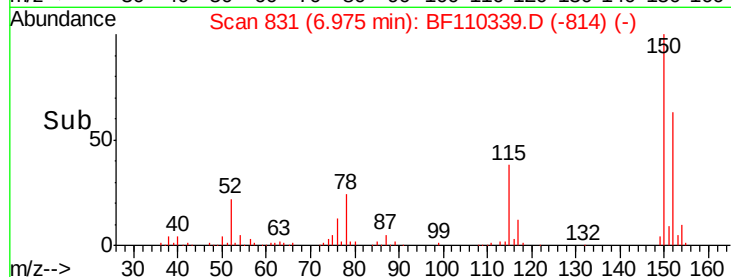
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110339.D
Acq: 31 Oct 2018 18:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90654
Ion Ratio Lower Upper
152 100
150 158.8 122.7 184.1
115 60.5 49.1 73.7



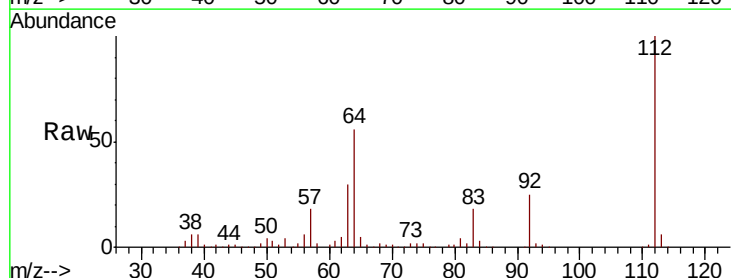
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



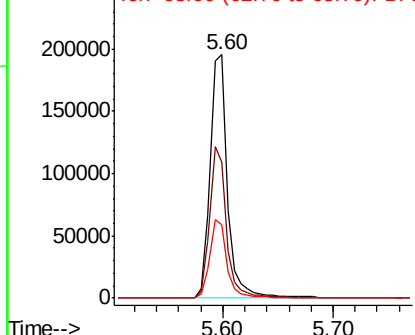
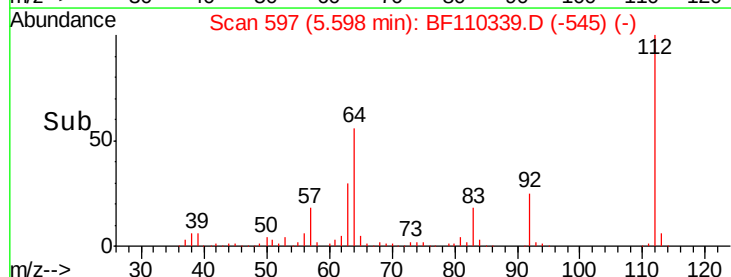
#5

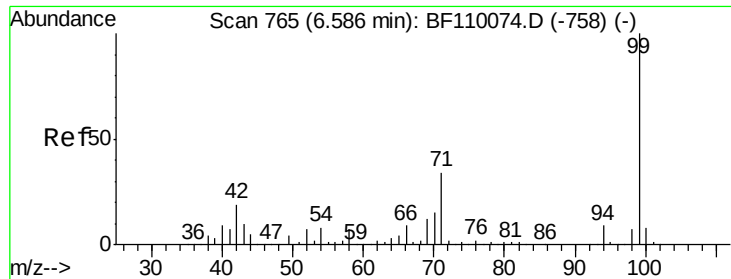
2-Fluorophenol
Concen: 37.658 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110339.D
Acq: 31 Oct 2018 18:09

Tgt Ion:112 Resp: 209638
Ion Ratio Lower Upper
112 100
64 56.1 44.1 66.1
63 30.1 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: 22.787 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110339.D

Acq: 31 Oct 2018 18:09

Instrument :

BNA_F

ClientSampled :

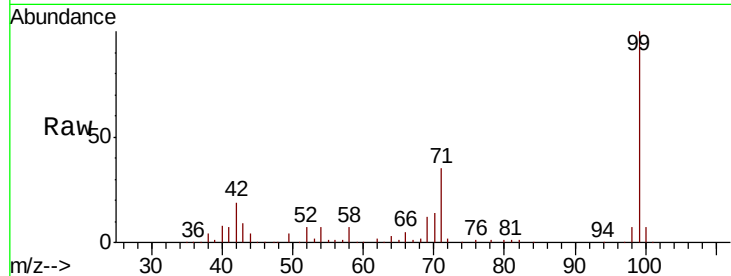
Tot Ion: 99 Resp: 162254

Ion Ratio Lower Upper

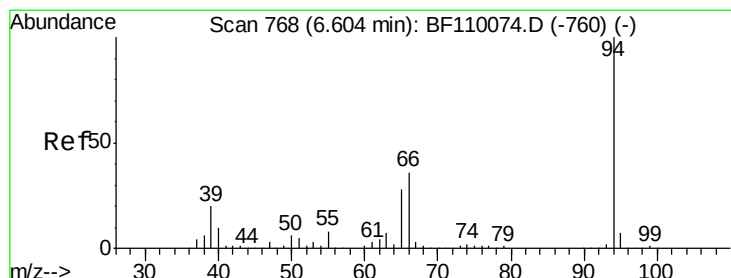
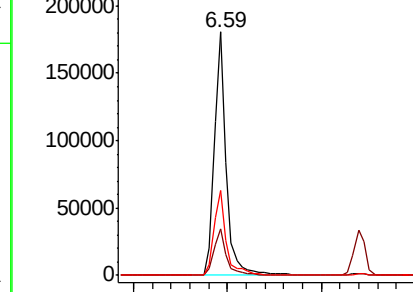
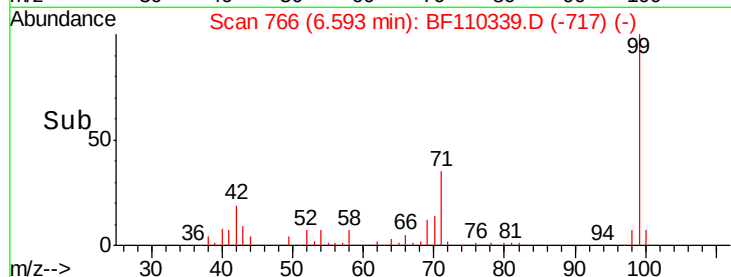
99 100

42 19.0 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



#10

Phenol

Concen: 2.769 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110339.D

Acq: 31 Oct 2018 18:09

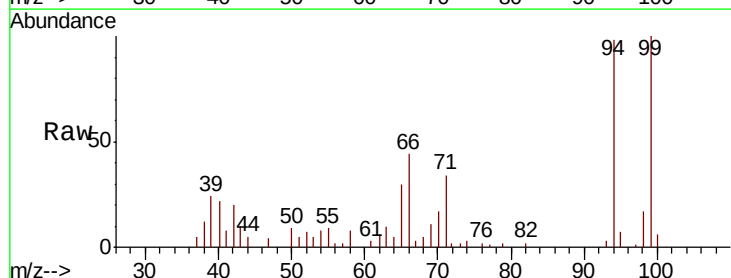
Tgt Ion: 94 Resp: 21073

Ion Ratio Lower Upper

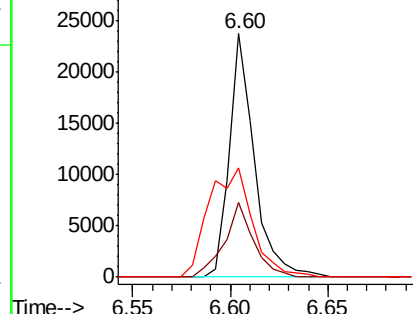
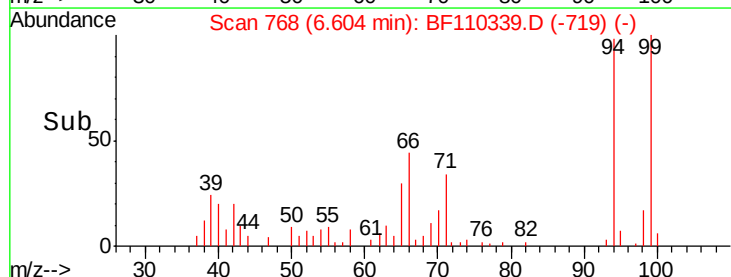
94 100

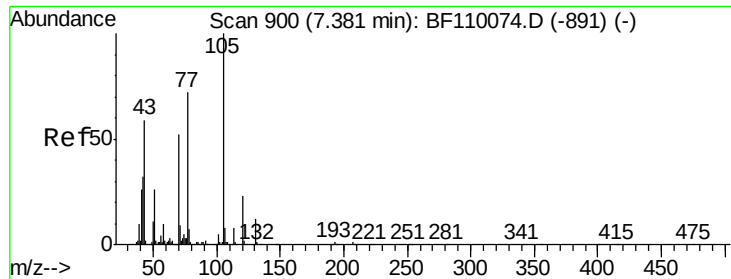
65 30.9 25.3 65.3

66 45.1 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

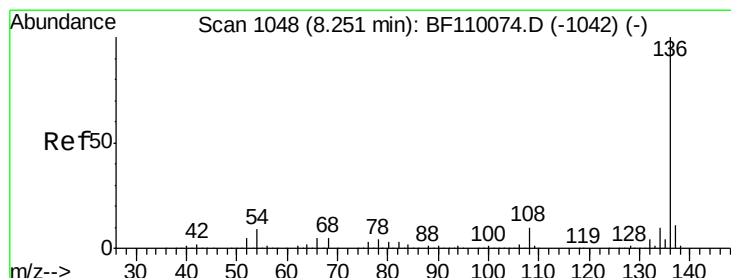
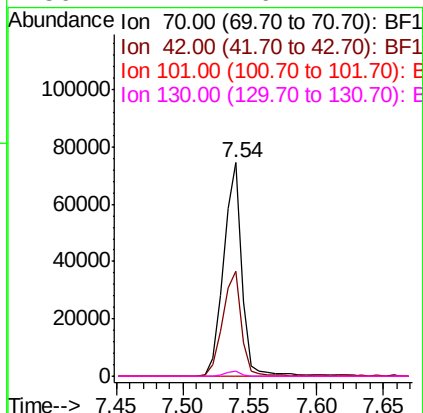
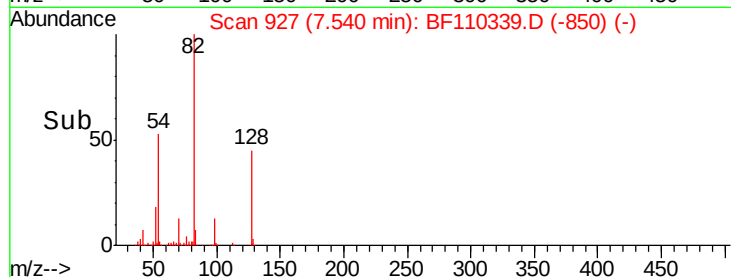
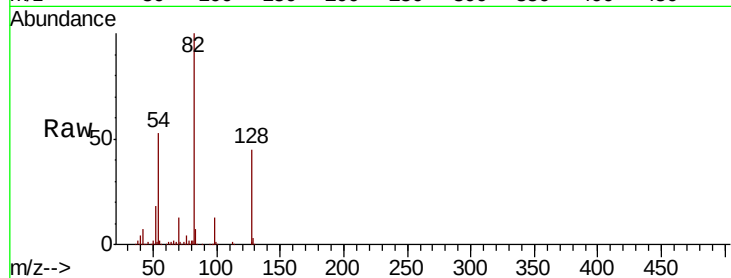




#19
n-Nitroso-di-n-propylamine
Concen: 15.969 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF110339.D
Acq: 31 Oct 2018 18:09

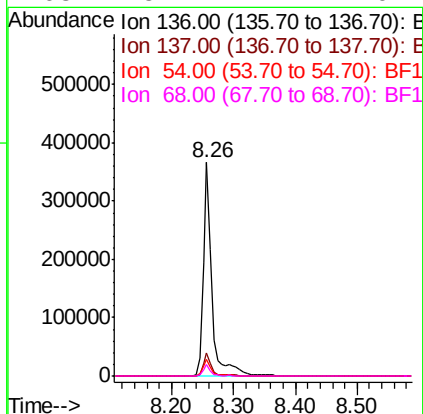
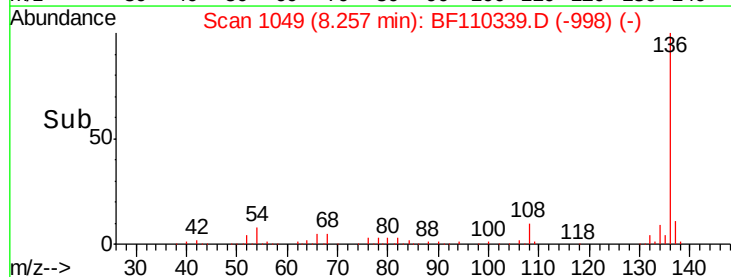
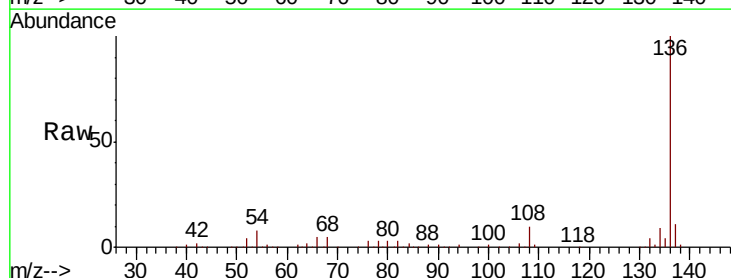
Instrument :
BNA_F
ClientSampleId :

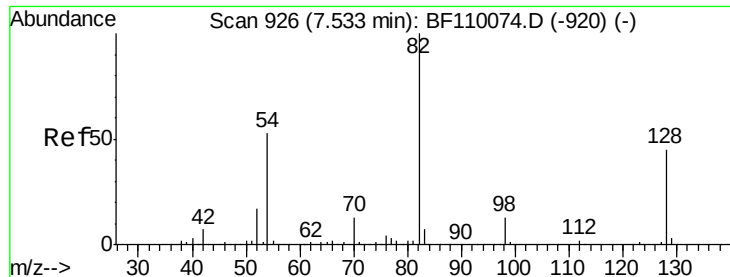
Tot Ion: 70 Resp: 72947
Ion Ratio Lower Upper
70 100
42 49.2 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110339.D
Acq: 31 Oct 2018 18:09

Tgt Ion: 136 Resp: 365717
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.4 8.2
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 88.093 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF110339.D

Acq: 31 Oct 2018 18:09

Instrument :

BNA_F

ClientSampled :

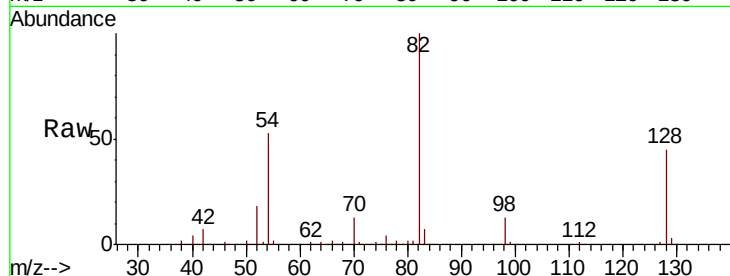
Tot Ion: 82 Resp: 543169

Ion Ratio Lower Upper

82 100

128 45.5 34.2 51.2

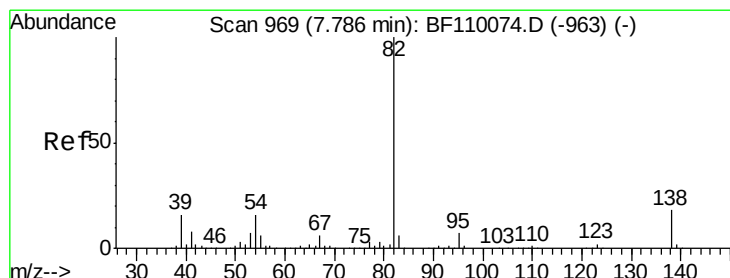
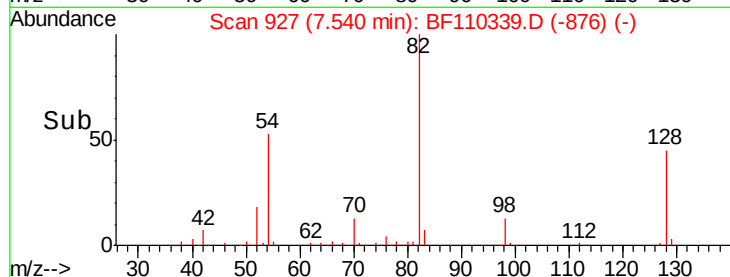
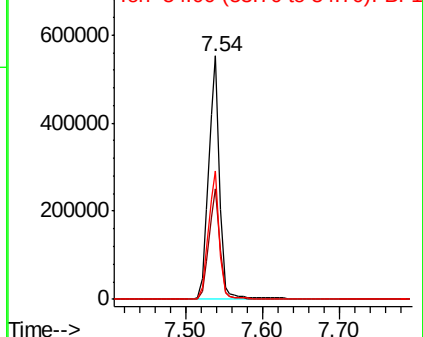
54 52.8 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 51.679 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF110339.D

Acq: 31 Oct 2018 18:09

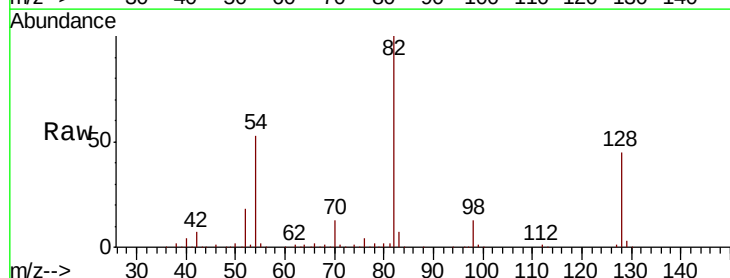
Tgt Ion: 82 Resp: 543165

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

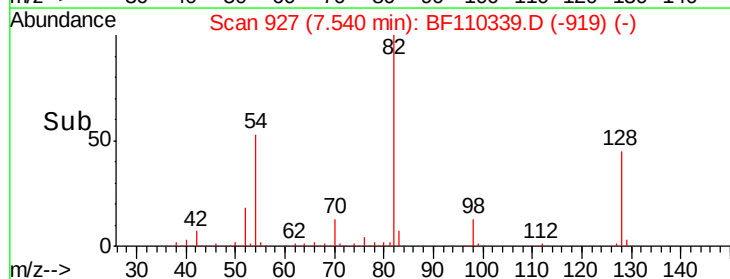
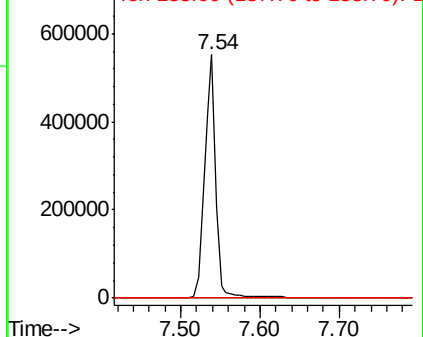
138 0.0 13.2 19.8#

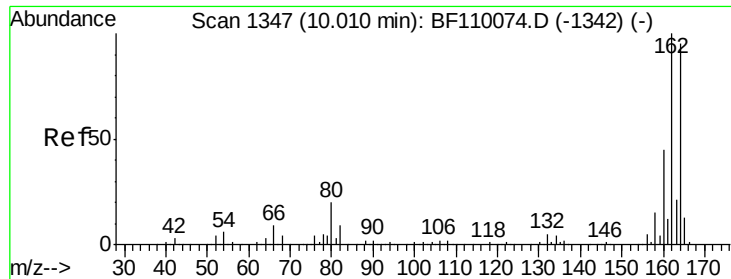


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110339.D

Acq: 31 Oct 2018 18:09

Instrument :

BNA_F

ClientSampleId :

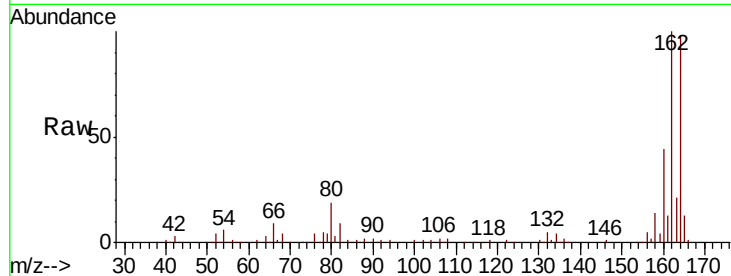
Tot Ion:164 Resp: 167895

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.6

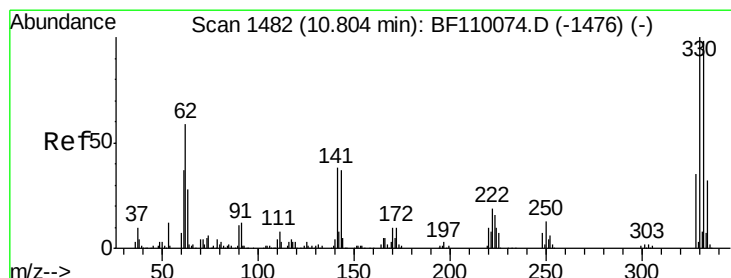
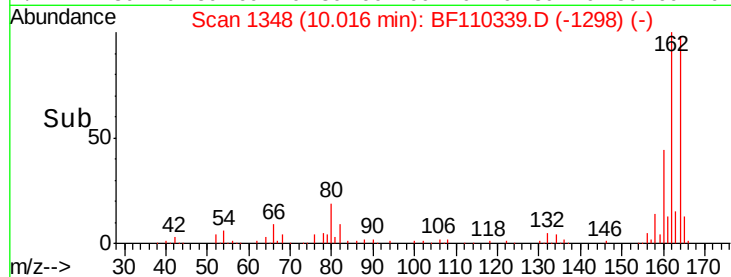
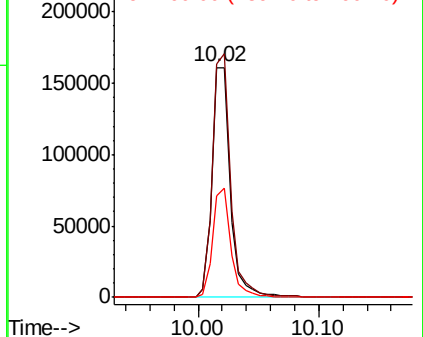
160 44.3 37.0 55.6



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: 78.863 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF110339.D

Acq: 31 Oct 2018 18:09

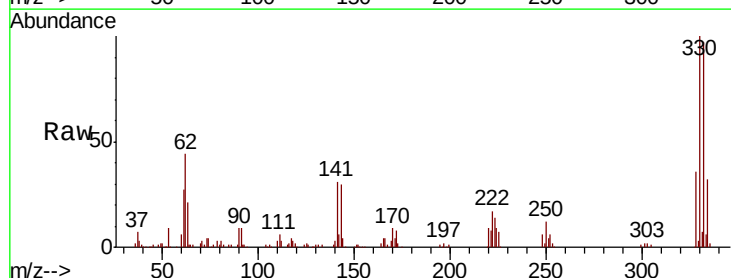
Tgt Ion:330 Resp: 131158

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

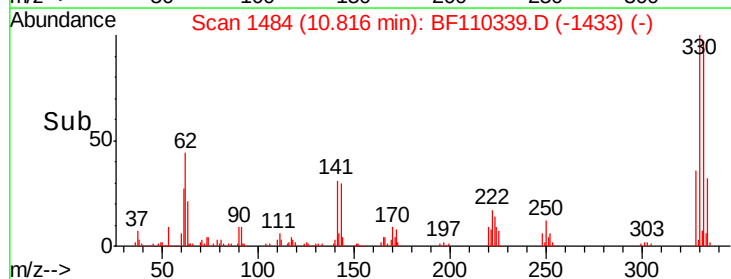
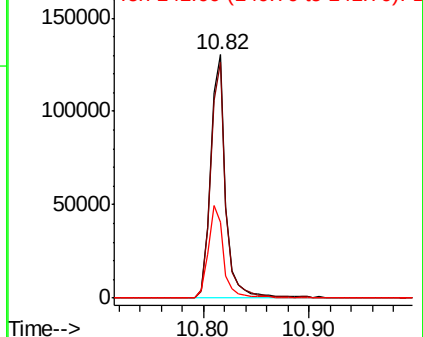
141 38.3 27.0 40.4

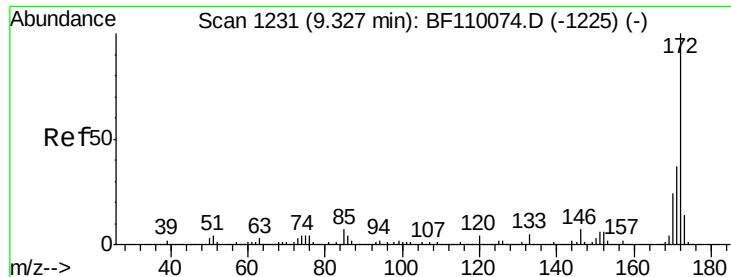


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

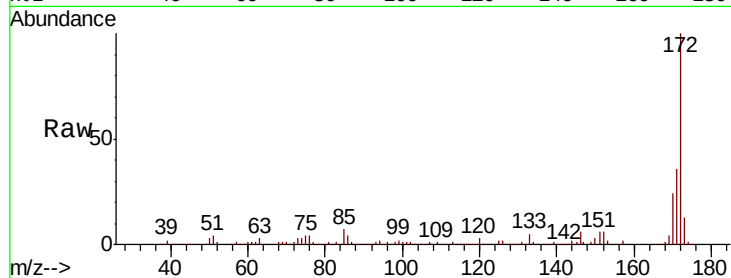




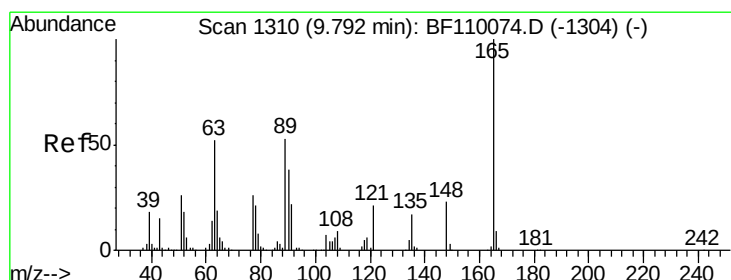
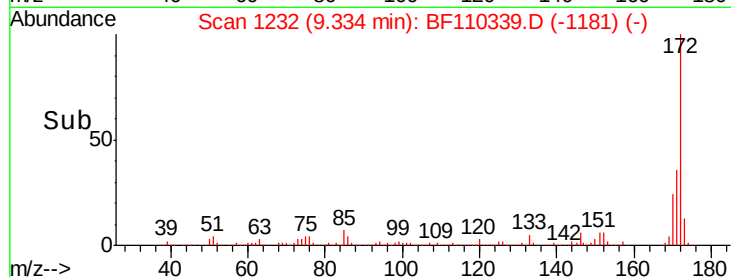
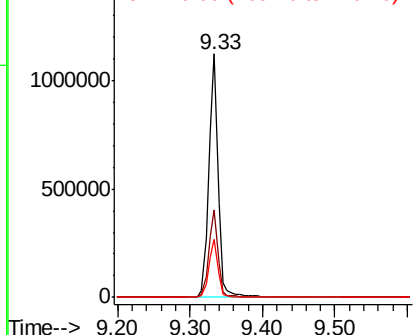
#45
 2-Fluorobiphenyl
 Concen: 93.522 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.7	29.5

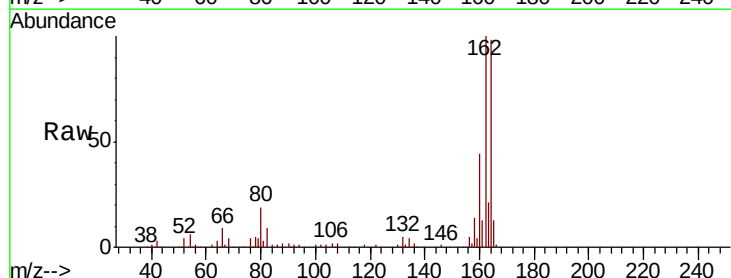


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

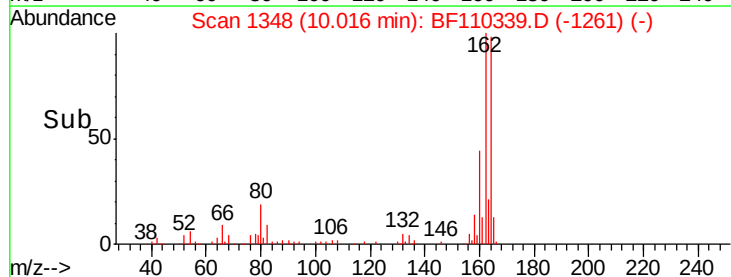
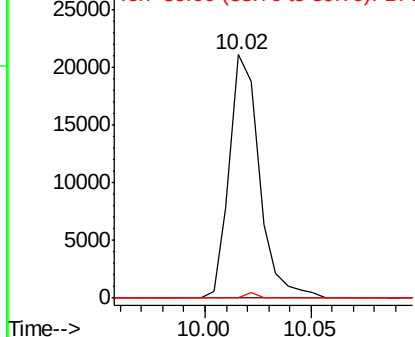


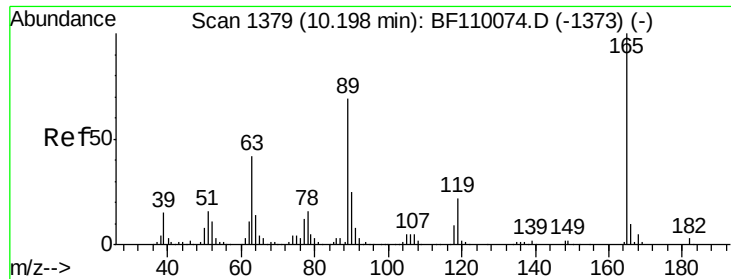
#51
 2,6-Dinitrotoluene
 Concen: 7.814 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	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

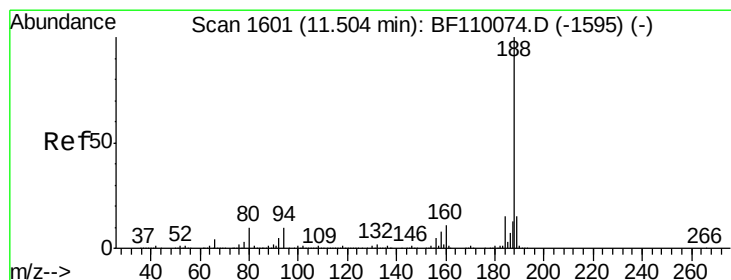
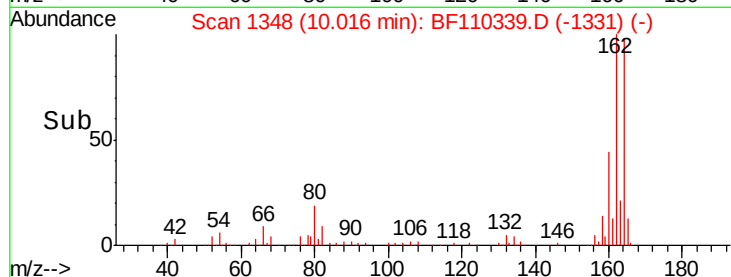
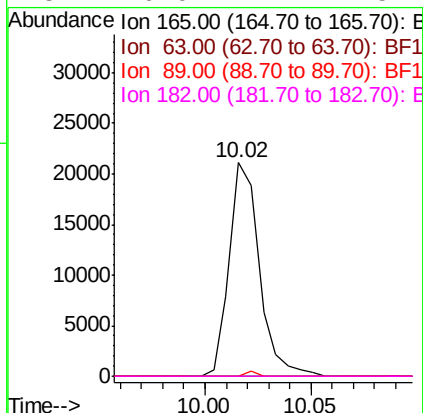
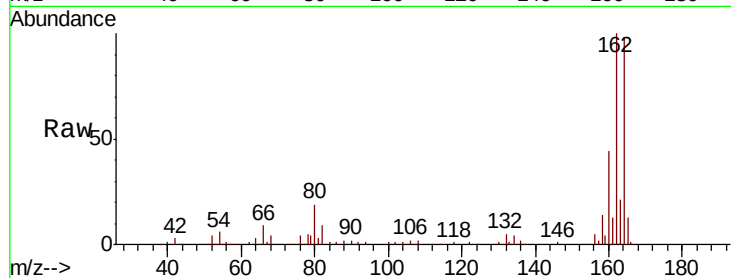




#57
 2,4-Dinitrotoluene
 Concen: 6.152 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

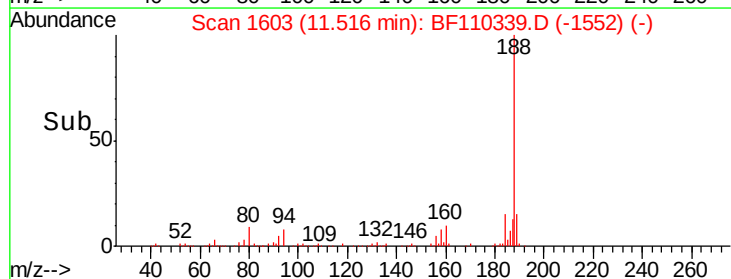
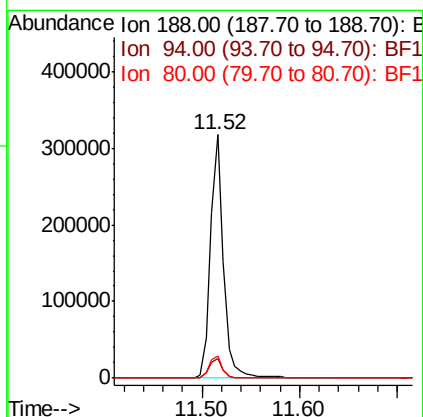
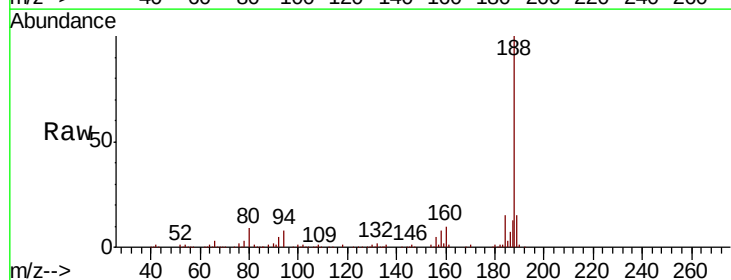
Instrument :
 BNA_F
 ClientSampleId :

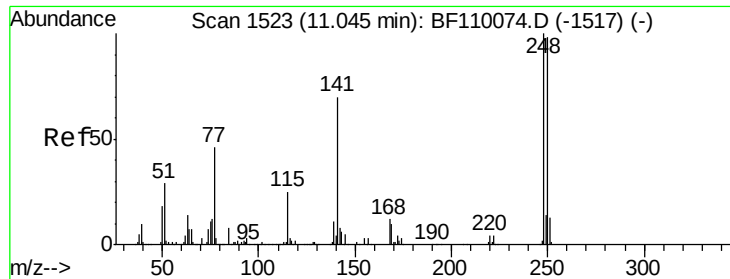
Tot Ion:165	Resp:	20860
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Tgt Ion:188	Resp:	292688
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.2 10.8
80	9.3	7.9 11.9

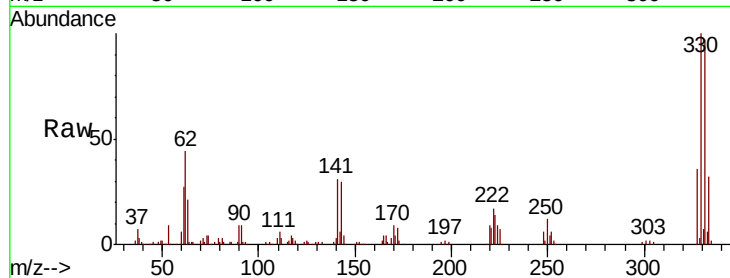




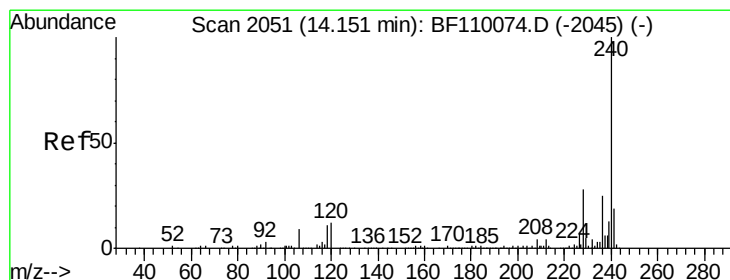
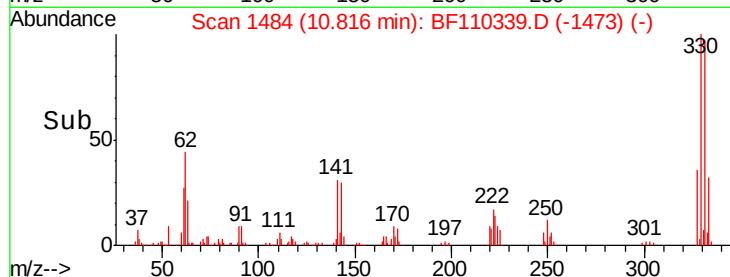
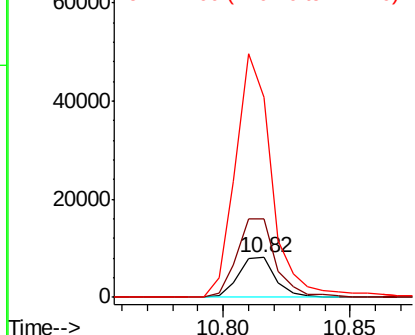
#67
 4-Bromophenyl-phenylether
 Concen: 2.638 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.24 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8375
 Ion Ratio Lower Upper
 248 100
 250 198.4 79.4 119.2#
 141 503.8 55.9 83.9#

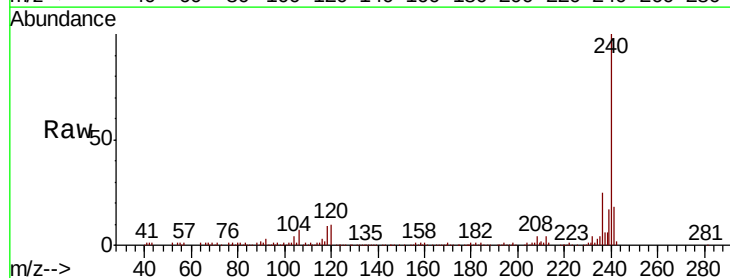


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

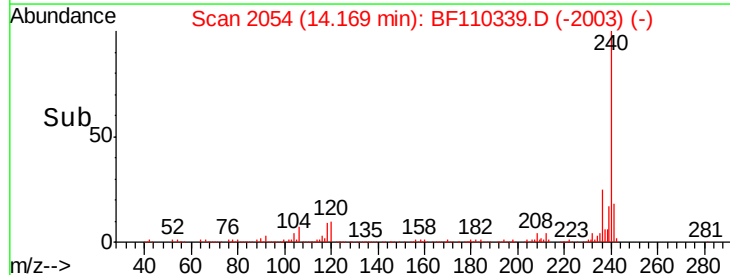
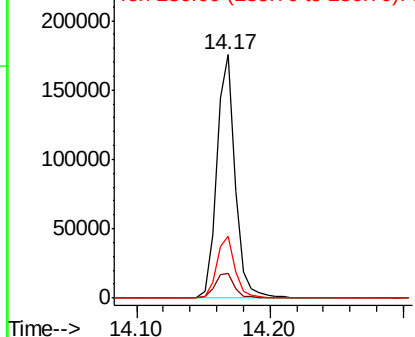


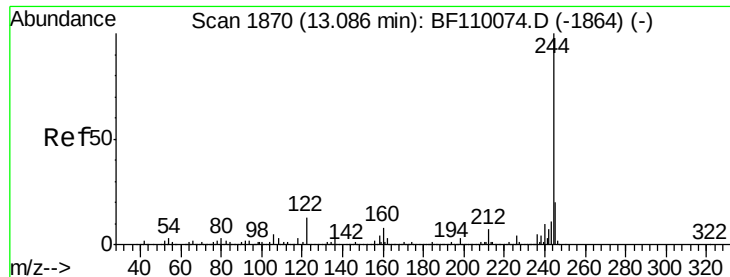
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Tgt Ion:240 Resp: 170745
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.3 12.5
 236 25.3 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

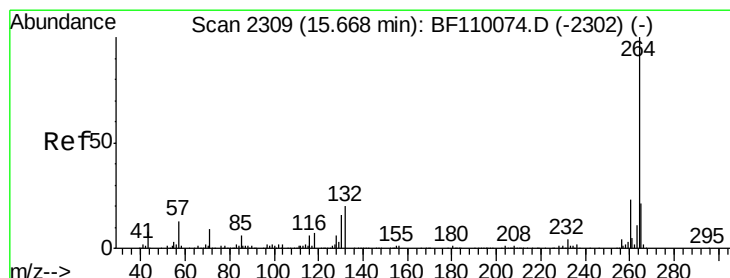
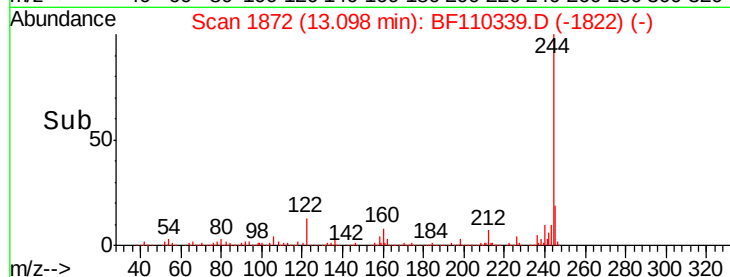
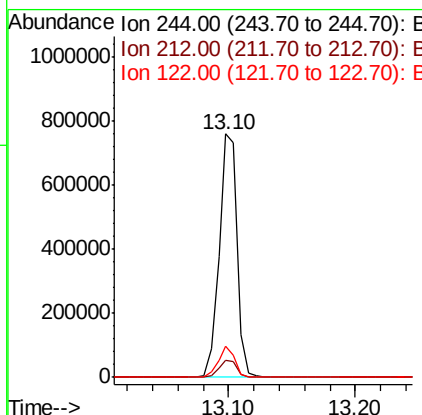
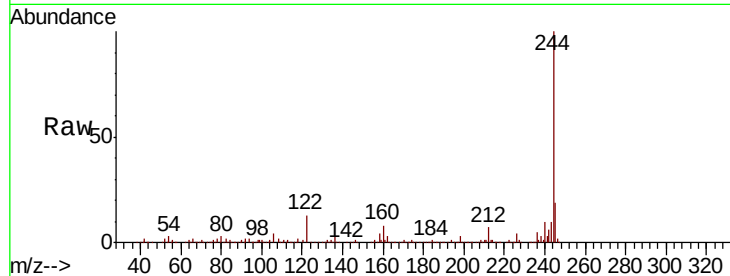




#79
 Terphenyl-d14
 Concen: 91.524 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 751413
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.8 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. 0.01 min
 Lab File: BF110339.D
 Acq: 31 Oct 2018 18:09

Tgt Ion:264 Resp: 148337
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.3 16.7 25.1

