

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109069.D
 Acq On : 18 Sep 2018 1:43
 Operator : JU/SJ
 Sample : J4936-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Quant Time: Sep 18 05:20:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

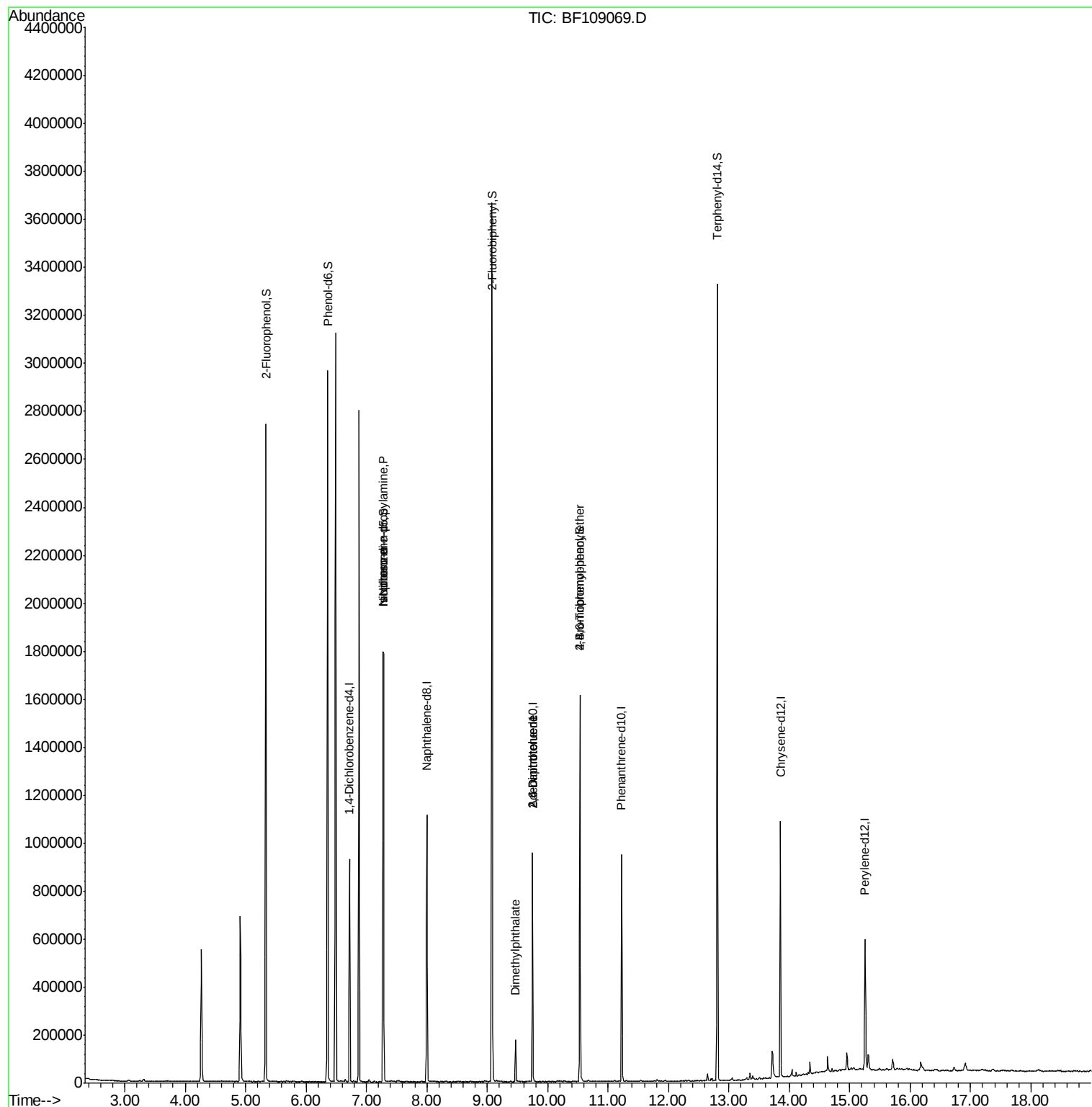
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131013	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	444326	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	179736	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	342546	20.00	ng	0.00
75) Chrysene-d12	13.85	240	347574	20.00	ng	0.00
86) Perylene-d12	15.25	264	245837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	802859	101.78	ng	0.01
7) Phenol-d6	6.36	99	1031704	101.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	655204	82.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	203883	104.52	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1075253	93.73	ng	0.00
78) Terphenyl-d14	12.81	244	1099837	75.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	88783	13.205	ng	# 77
25) Isophorone	7.28	82	650612	47.778	ng	# 64
49) Dimethylphthalate	9.47	163	73683	5.736	ng	97
50) 2,6-Dinitrotoluene	9.75	165	22905	8.040	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22905	6.148	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12835	3.324	ng	# 1

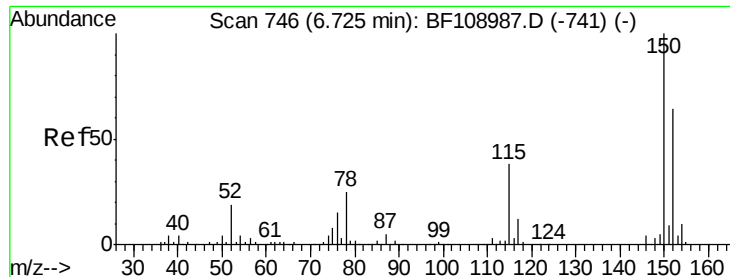
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Instrument :

BNA_F

ClientSampleId :

138kv-2

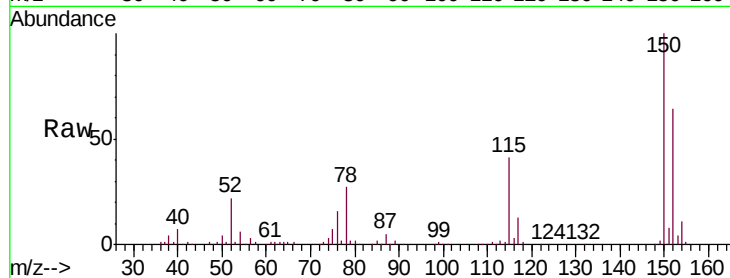
Tgt Ion:152 Resp: 131013

Ion Ratio Lower Upper

152 100

150 155.4 124.6 186.8

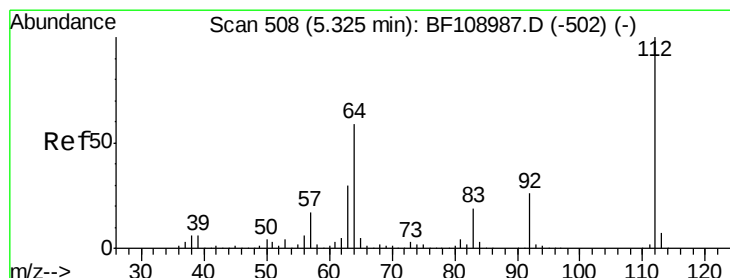
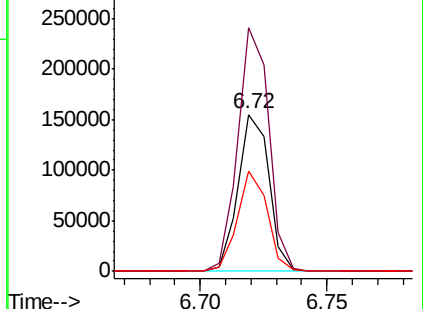
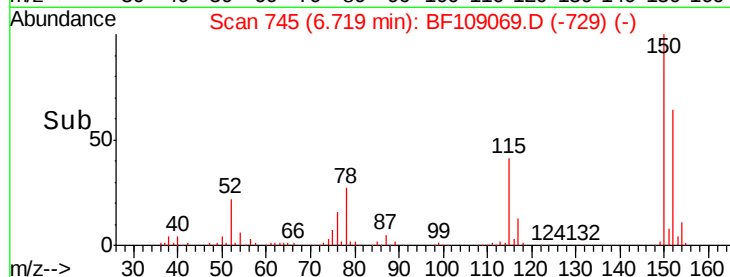
115 64.2 50.1 75.1



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: 101.780 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

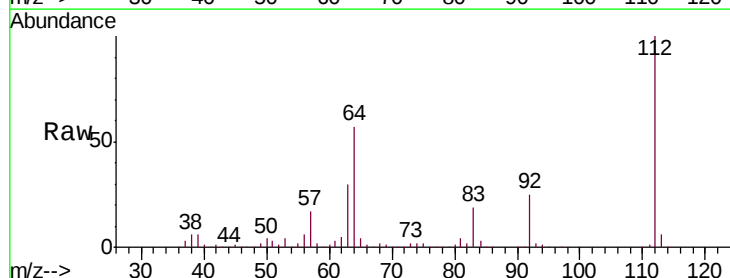
Tgt Ion:112 Resp: 802859

Ion Ratio Lower Upper

112 100

64 56.7 47.9 71.9

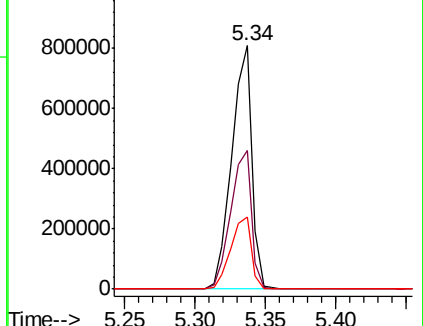
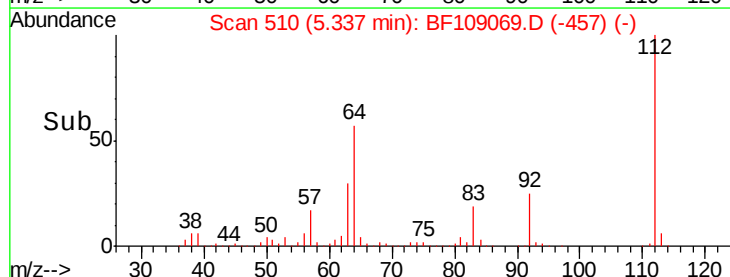
63 29.8 23.7 35.5



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: 101.432 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Instrument :

BNA_F

ClientSampleId :

138kv-2

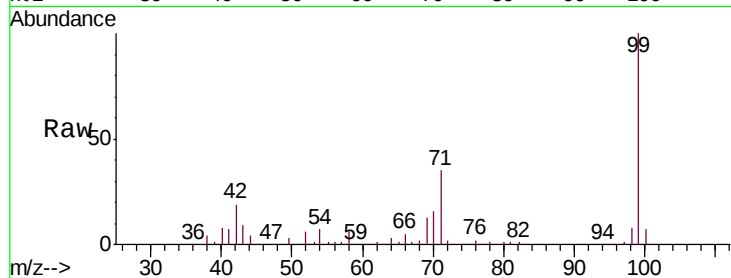
Tgt Ion: 99 Resp: 1031704

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

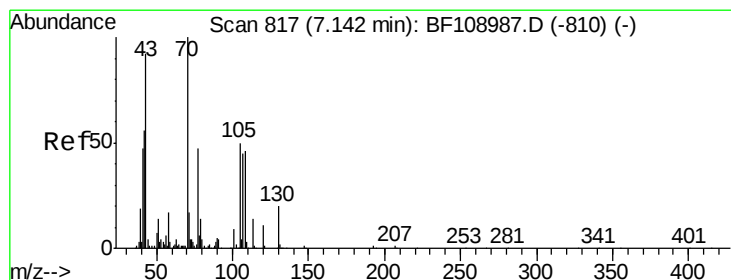
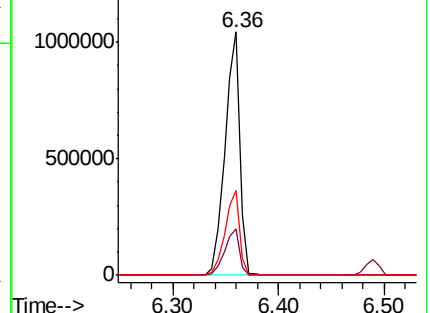
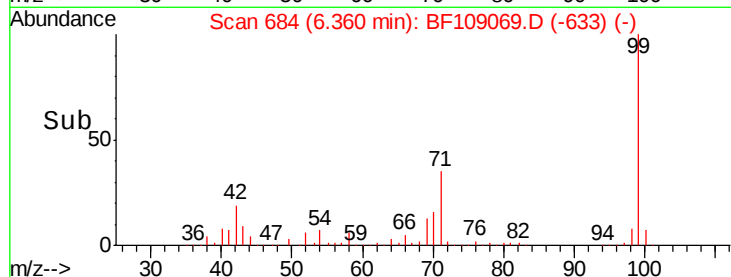
71 34.9 25.4 38.0



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: 13.205 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Tgt Ion: 70 Resp: 88783

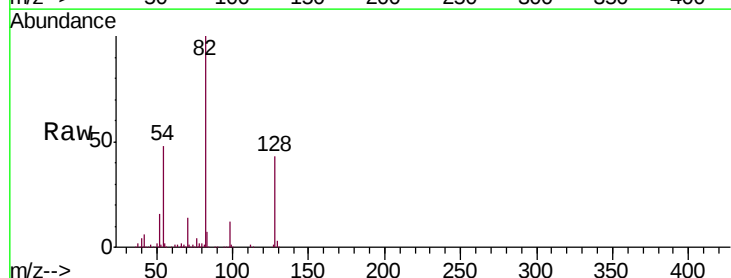
Ion Ratio Lower Upper

70 100

42 47.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

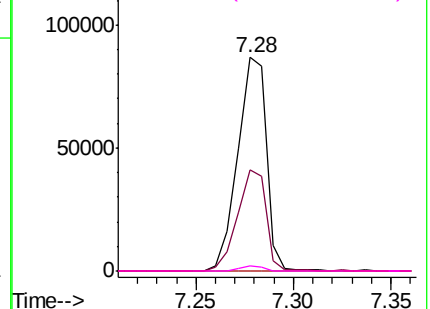
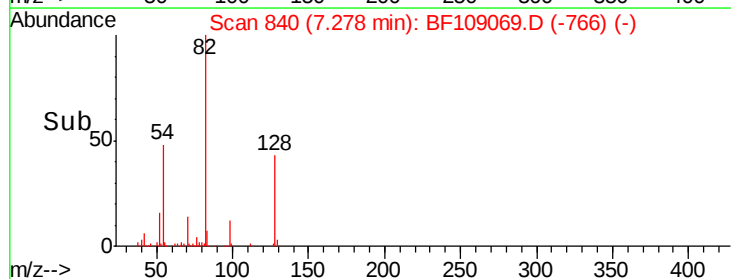


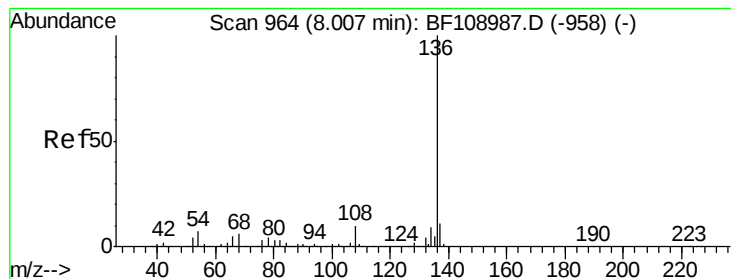
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Instrument :

BNA_F

ClientSampleId :

138kv-2

Tgt Ion: 136 Resp: 444326

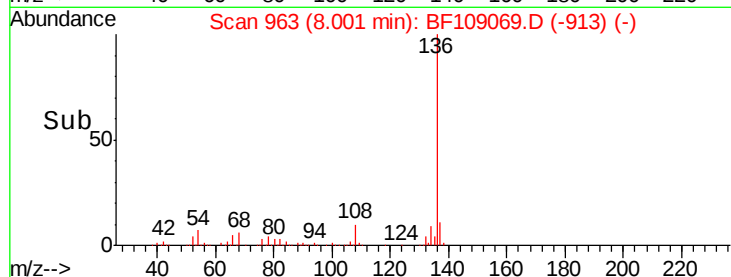
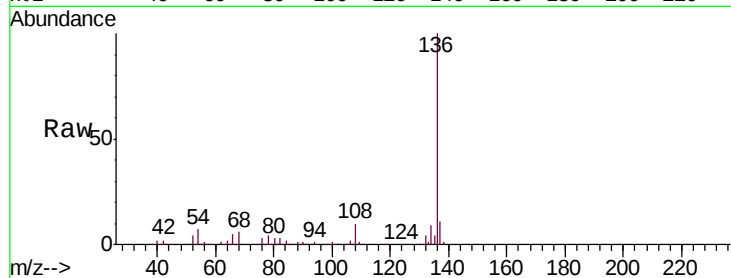
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.0 5.0 7.4



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

8.00

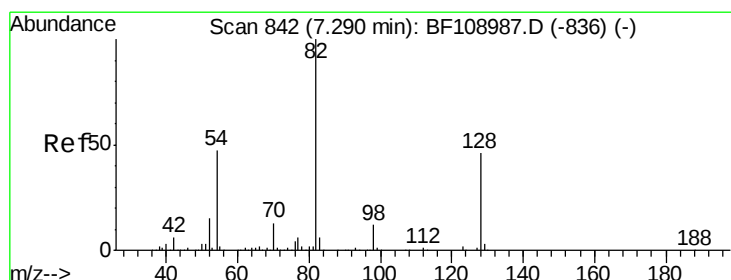
600000

400000

200000

0

Time--> 7.90 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 82.708 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

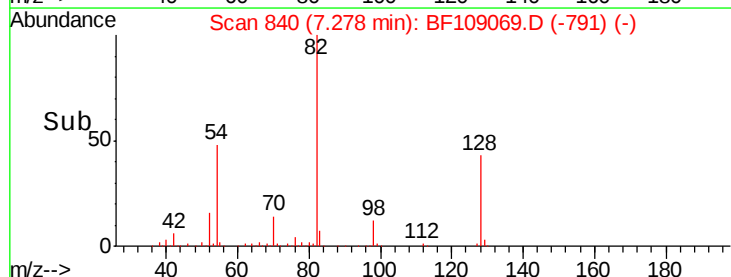
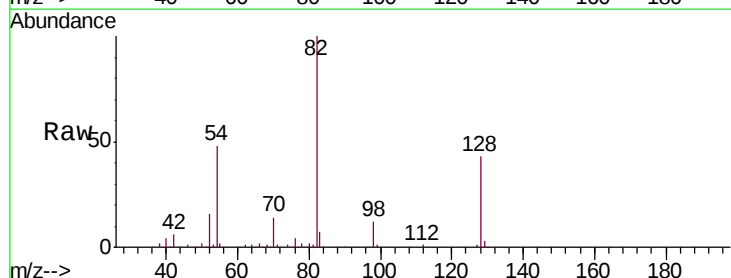
Tgt Ion: 82 Resp: 655204

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

54 48.3 41.4 62.2



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

7.28

800000

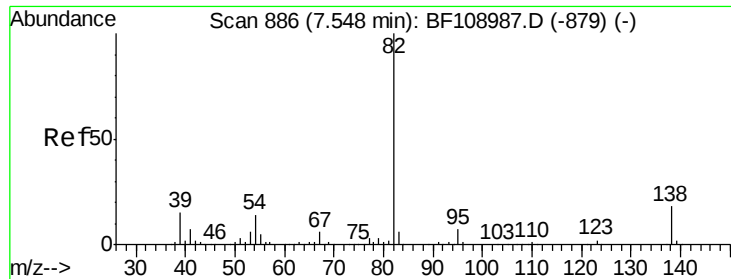
600000

400000

200000

0

Time--> 7.20 7.25 7.30 7.35 7.40



#25

Isophorone

Concen: 47.778 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

Instrument :

BNA_F

ClientSampled :

138kv-2

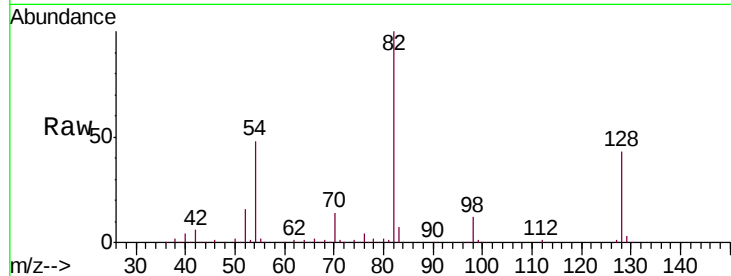
Tgt Ion: 82 Resp: 650612

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

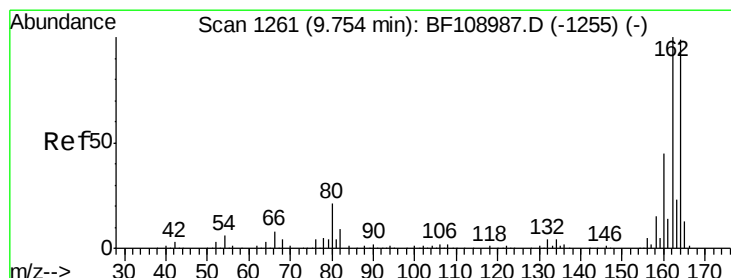
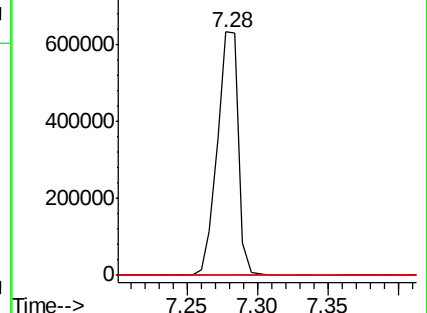
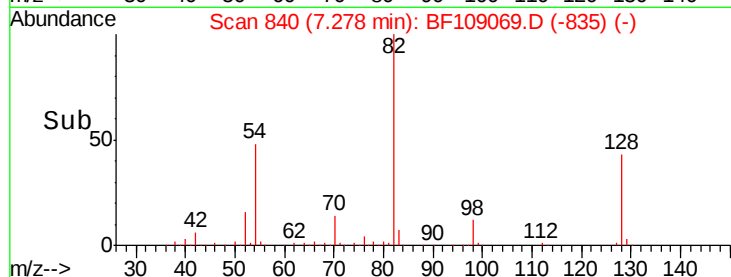
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109069.D

Acq: 18 Sep 2018 1:43

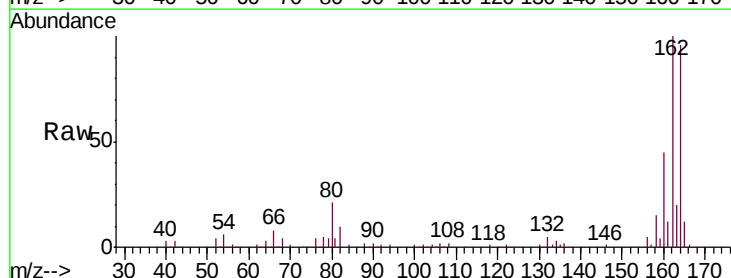
Tgt Ion: 164 Resp: 179736

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

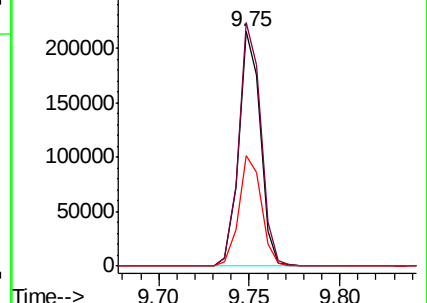
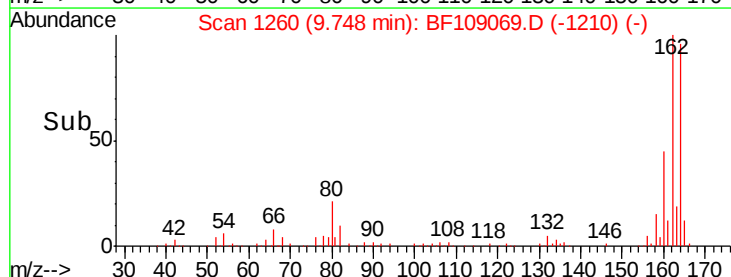
160 47.1 38.3 57.5

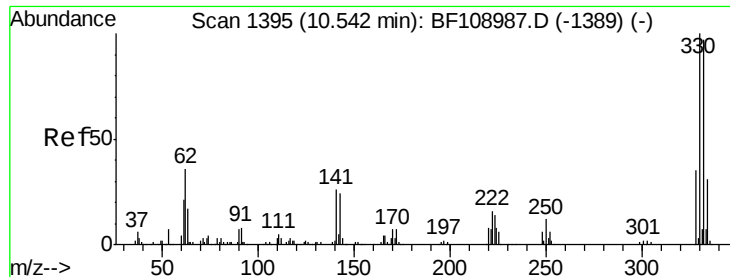


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

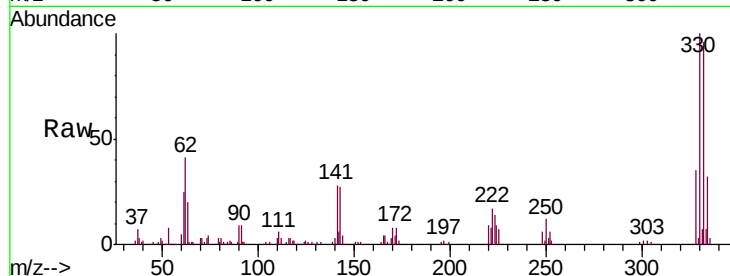




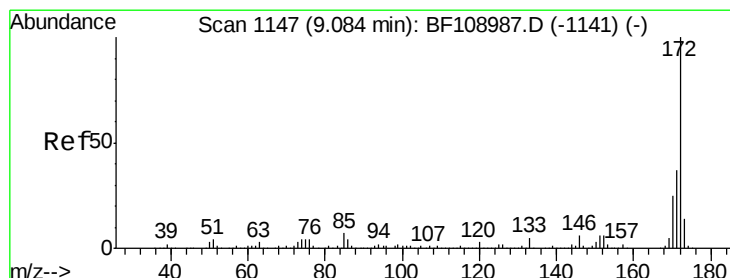
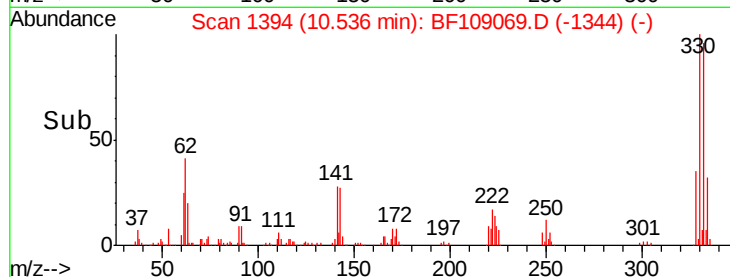
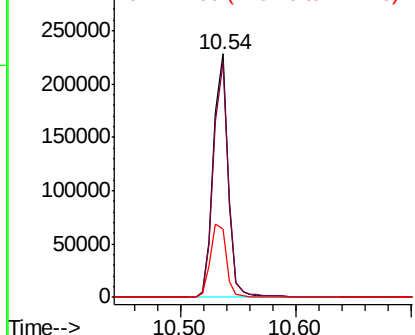
#41
 2,4,6-Tribromophenol
 Concen: 104.522 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Tgt Ion:330 Resp: 203883
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 32.7 29.9 44.9

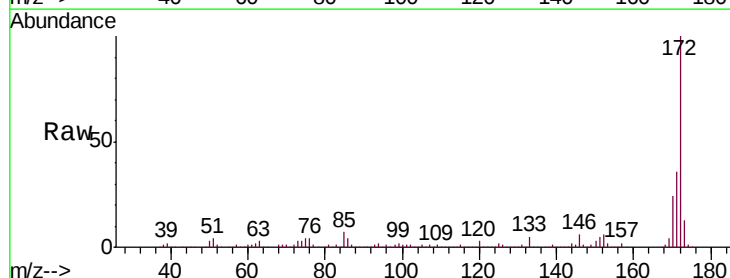


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

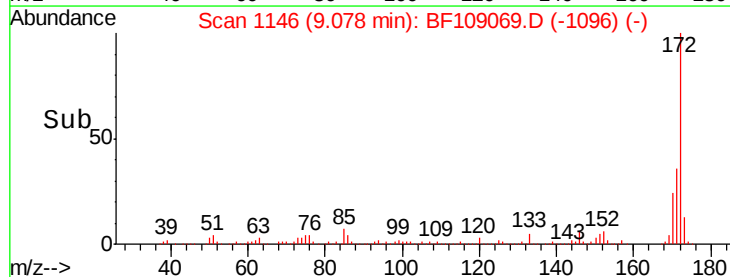
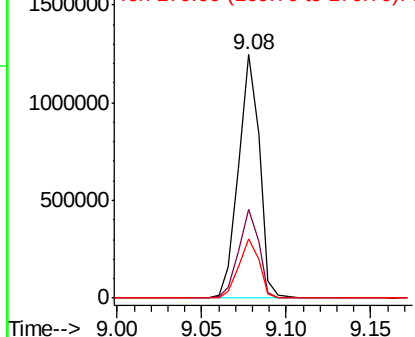


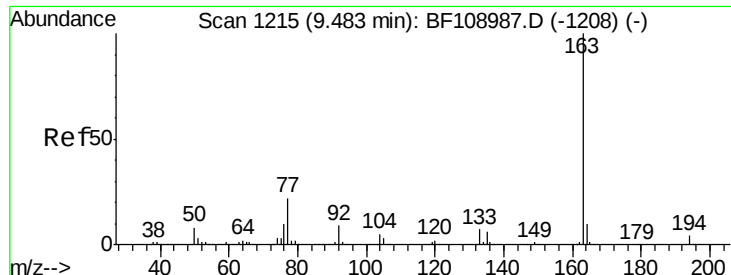
#44
 2-Fluorobiphenyl
 Concen: 93.728 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Tgt Ion:172 Resp: 1075253
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 19.6 29.4



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

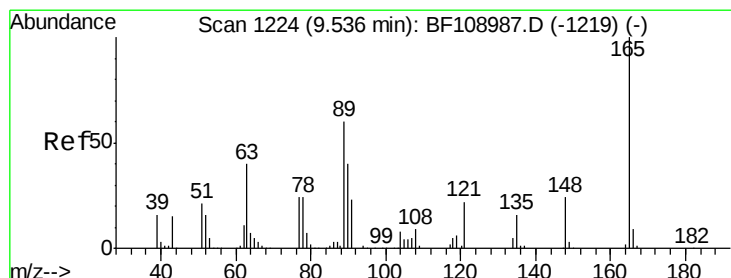
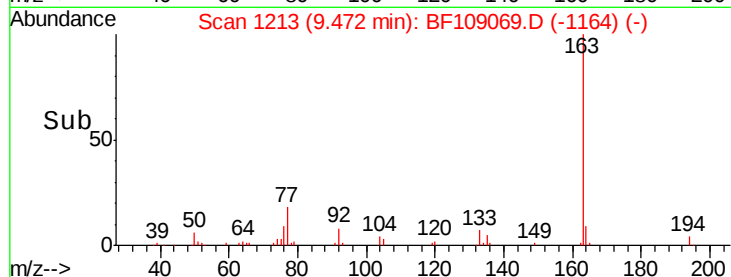
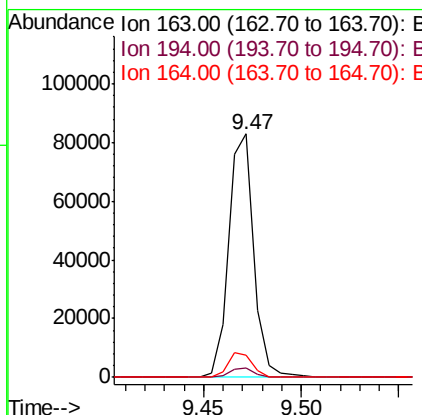
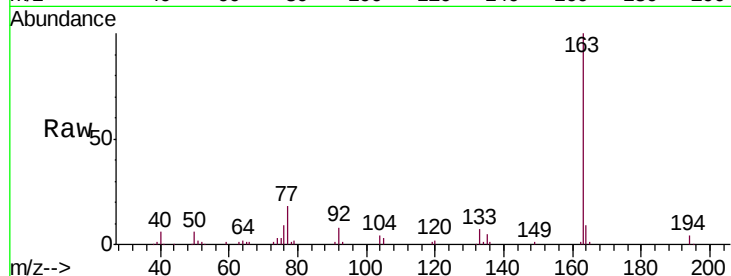




#49
Dimethylphthalate
Concen: 5.736 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109069.D
Acq: 18 Sep 2018 1:43

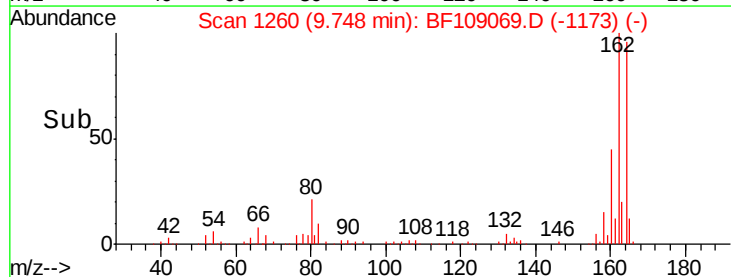
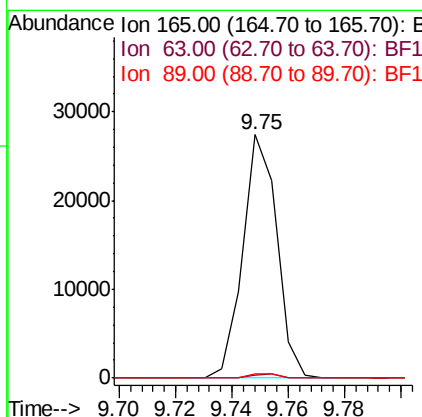
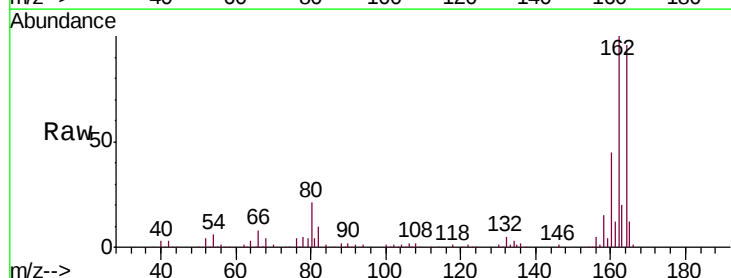
Instrument :
BNA_F
ClientSampled :
138kv-2

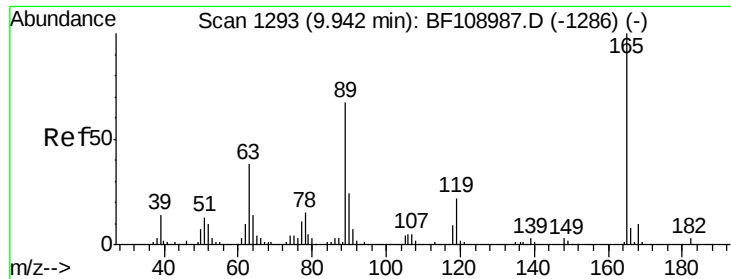
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.0	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 8.040 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109069.D
Acq: 18 Sep 2018 1:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.8	44.0	66.0#

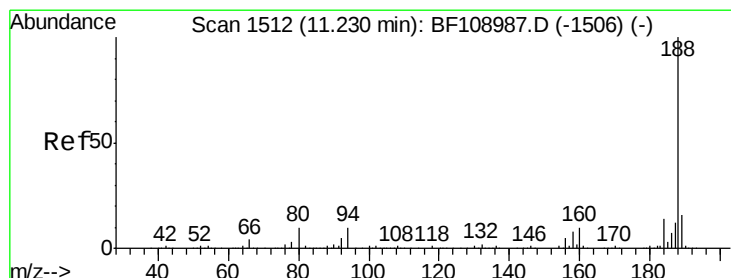
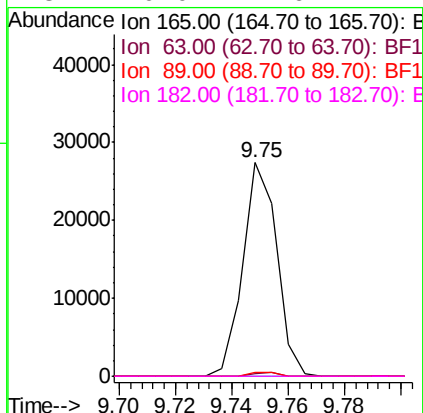
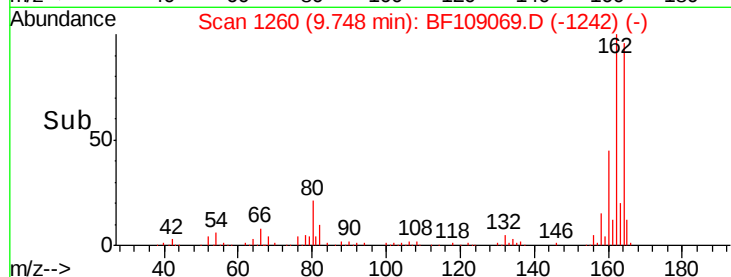
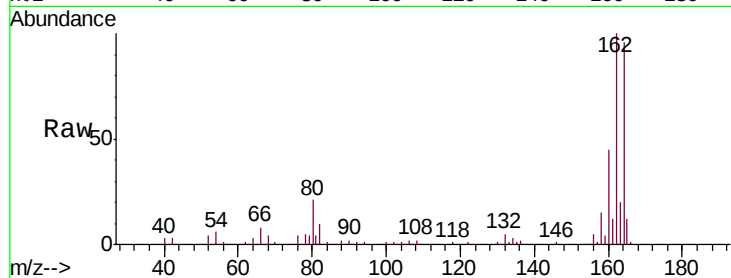




#56
 2,4-Dinitrotoluene
 Concen: 6.148 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

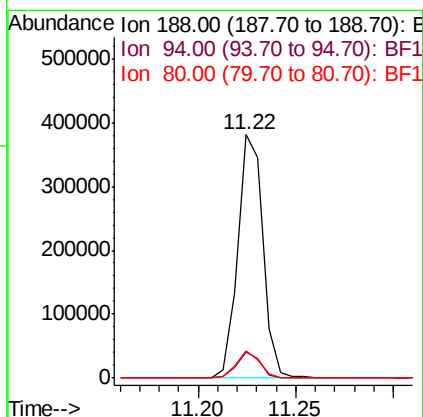
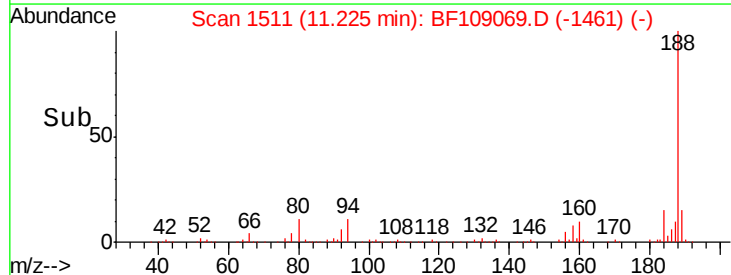
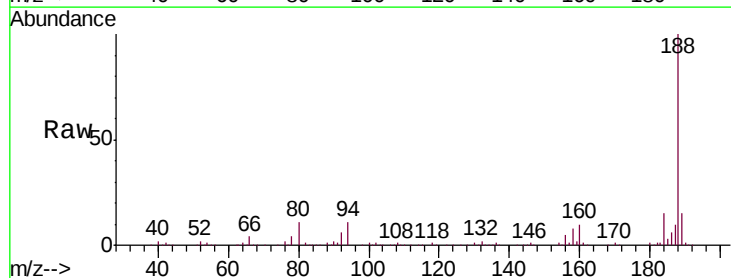
Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

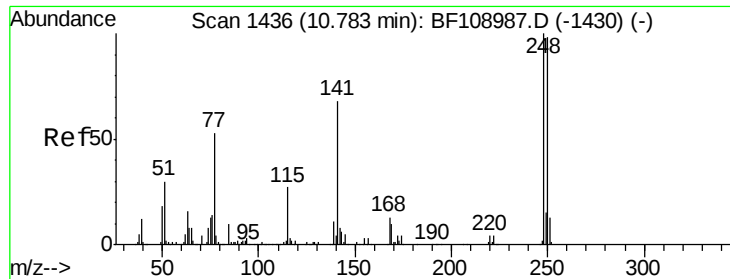
Tgt Ion:	165	Resp:	22905
Ion Ratio	Lower	Upper	
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Tgt Ion:	188	Resp:	342546
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

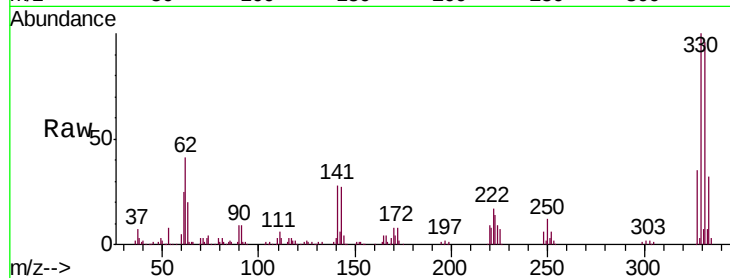




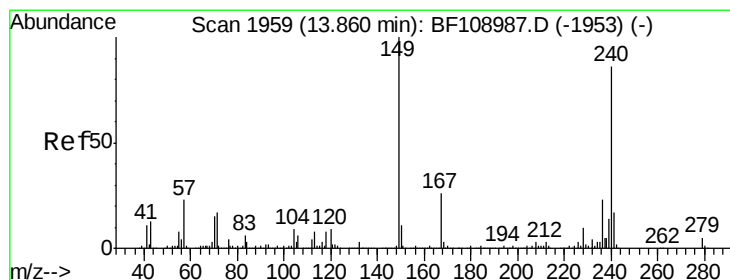
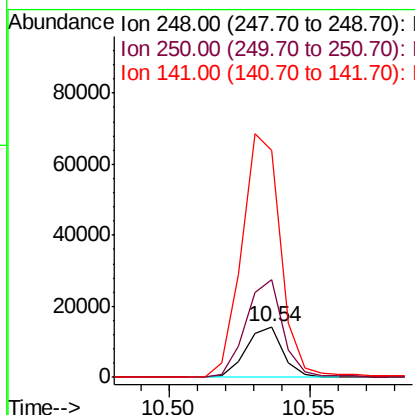
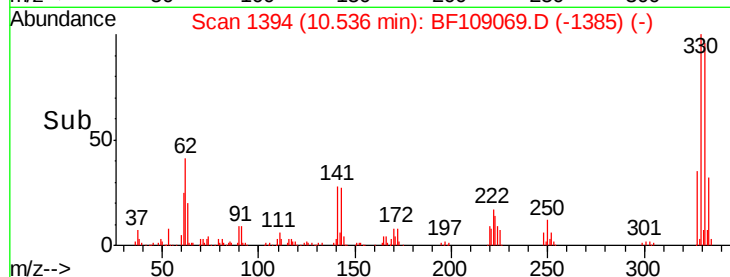
#66
 4-Bromophenyl-phenylether
 Concen: 3.324 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Tgt Ion:248 Resp: 12835
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 451.1 74.4 111.6#

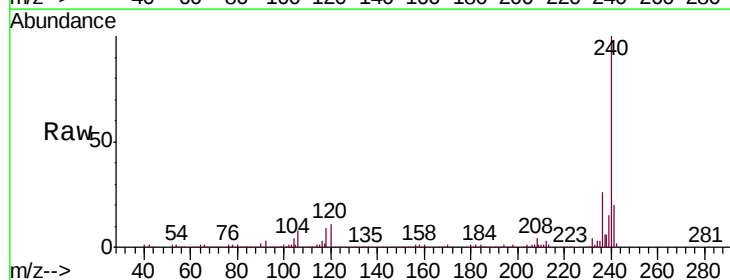


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

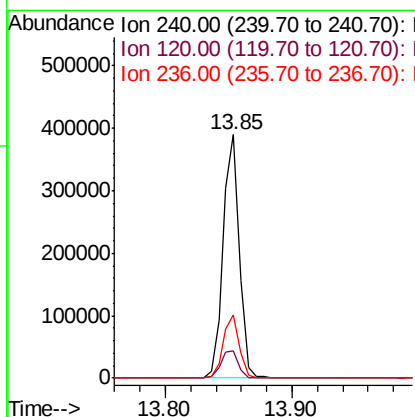
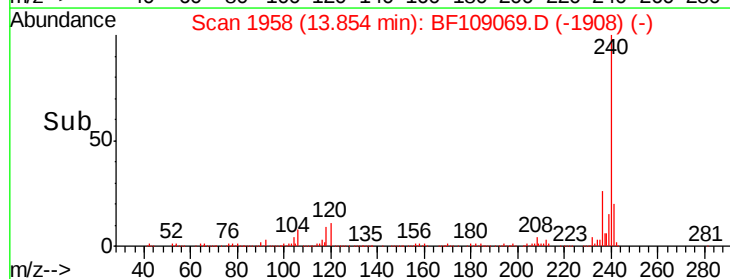


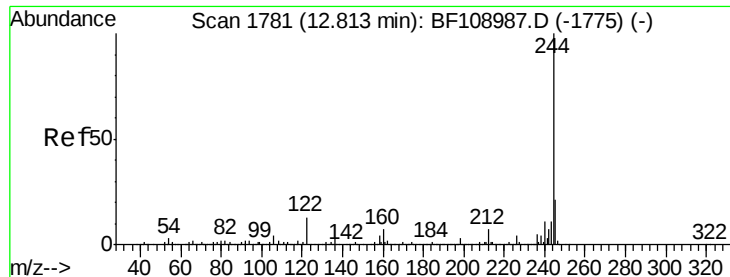
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Tgt Ion:240 Resp: 347574
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 26.1 20.7 31.1



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

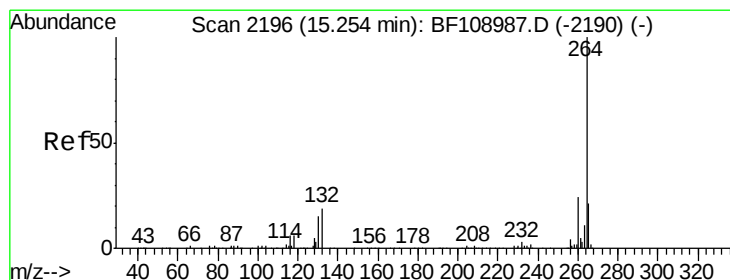
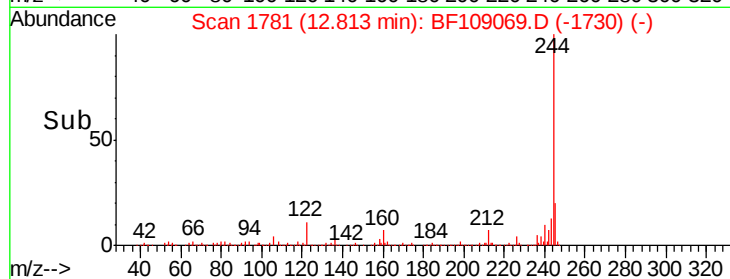
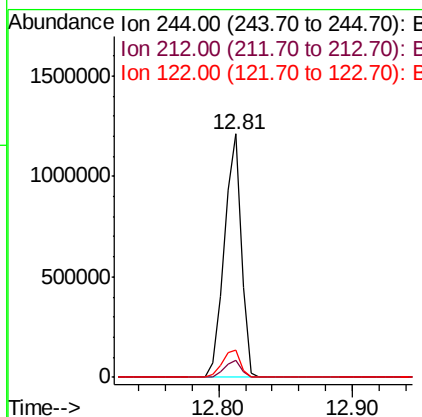
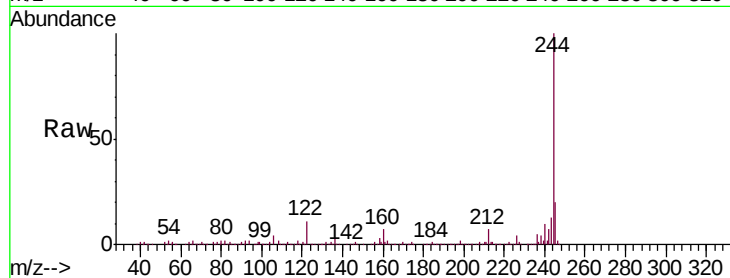




#78
 Terphenyl-d14
 Concen: 75.003 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Instrument :
 BNA_F
 ClientSampleId :
 138kv-2

Tgt Ion:244 Resp: 1099837
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF109069.D
 Acq: 18 Sep 2018 1:43

Tgt Ion:264 Resp: 245837
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3

