

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109072.D
 Acq On : 18 Sep 2018 3:05
 Operator : JU/SJ
 Sample : J4936-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 132-1-VOLT

Quant Time: Sep 18 05:20:36 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

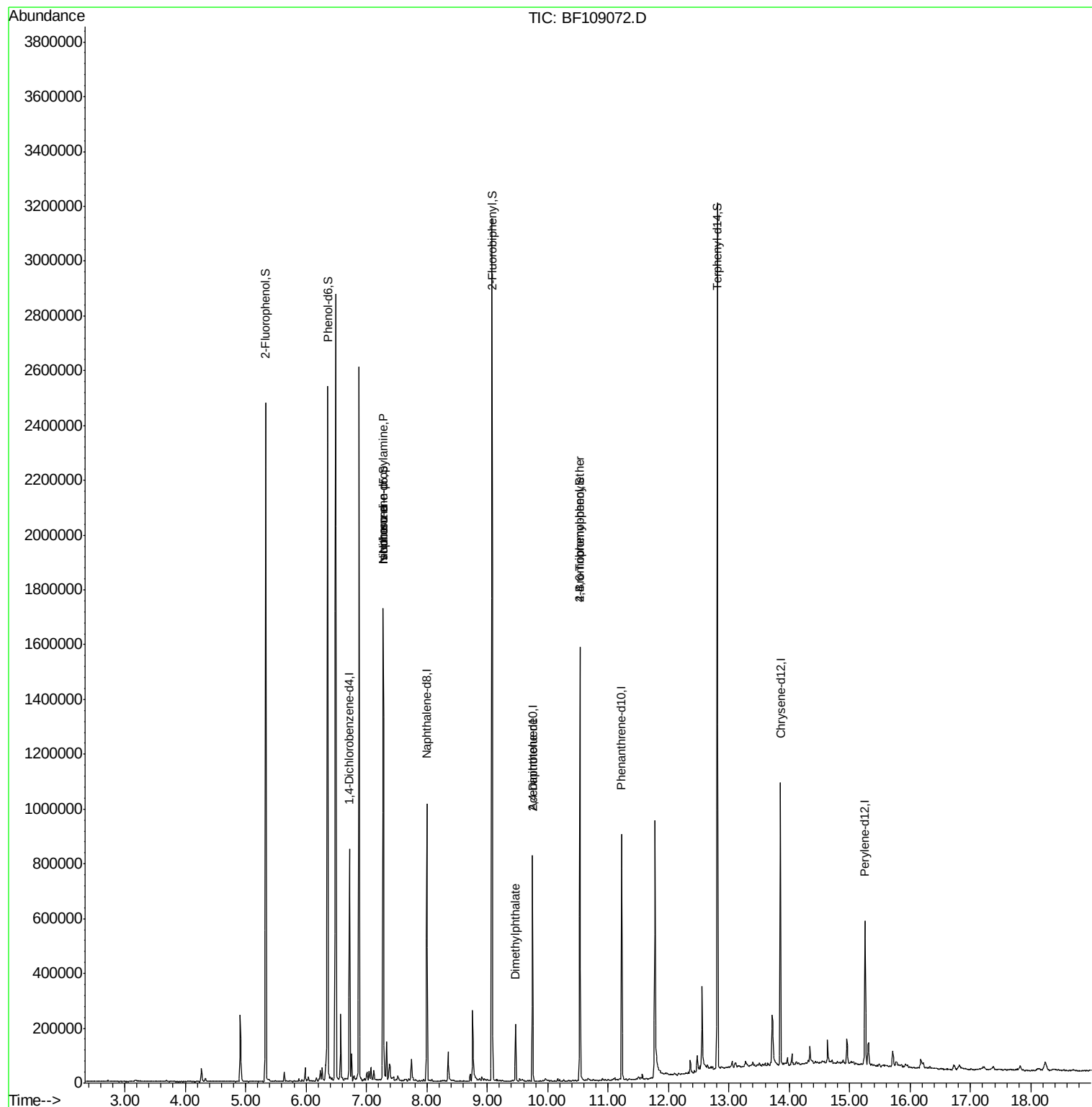
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116516	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	381055	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	160909	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	316466	20.00	ng	0.00
75) Chrysene-d12	13.85	240	326869	20.00	ng	0.00
86) Perylene-d12	15.25	264	232395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	739928	105.47	ng	0.00
7) Phenol-d6	6.36	99	917921	101.47	ng	0.00
23) Nitrobenzene-d5	7.28	82	565784	83.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	204118	116.89	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	924813	90.05	ng	0.00
78) Terphenyl-d14	12.81	244	1028003	74.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	77410	12.946	ng	# 77
25) Isophorone	7.28	82	561152	48.050	ng	# 64
49) Dimethylphthalate	9.47	163	80863	7.031	ng	100
56) 2,4-Dinitrotoluene	9.75	165	19819	5.942	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	12181	3.414	ng	# 1

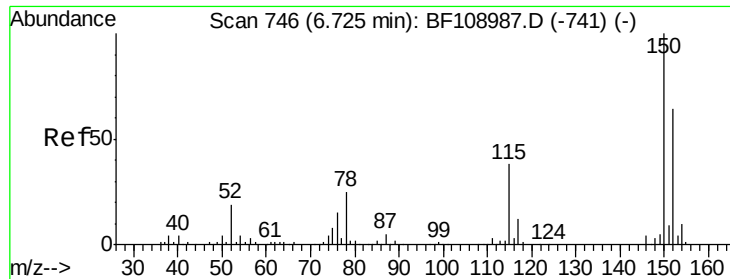
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109072.D
Acq On : 18 Sep 2018 3:05
Operator : JU/SJ
Sample : J4936-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Quant Time: Sep 18 05:20:36 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

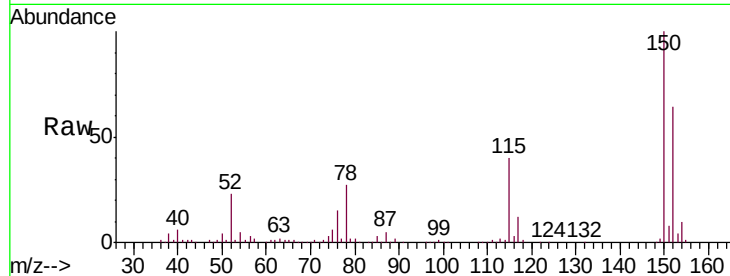




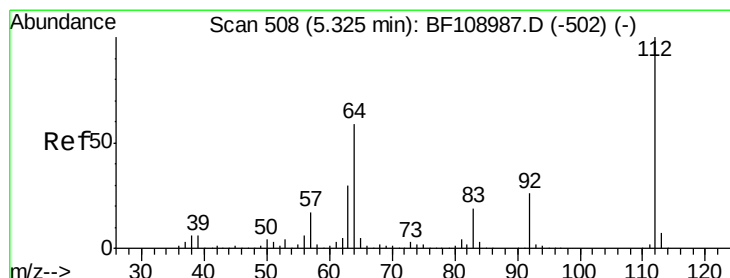
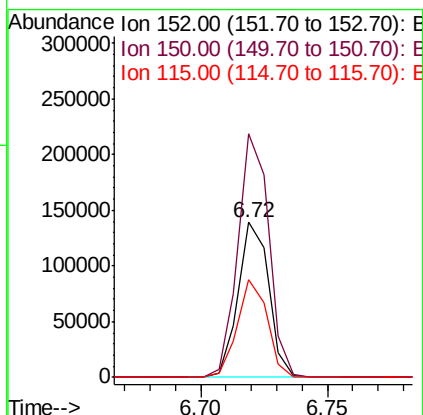
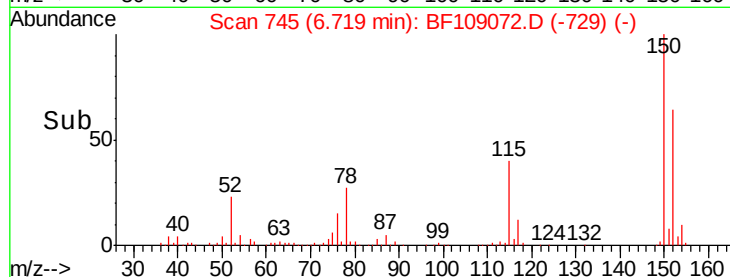
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109072.D
 Acq: 18 Sep 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 132-1-VOLT

Tgt Ion:152 Resp: 116516
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 62.6 50.1 75.1

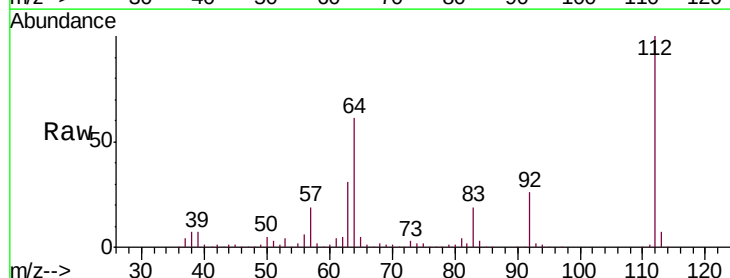


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

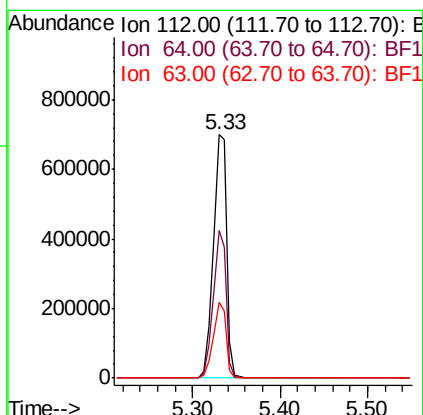
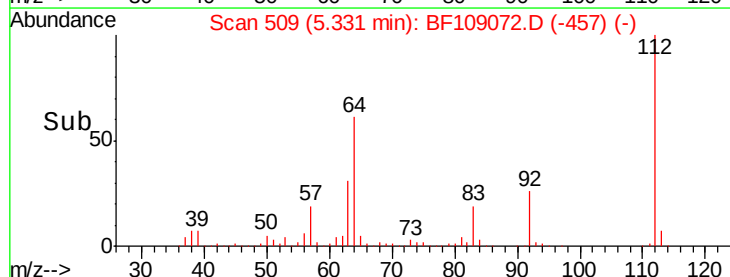


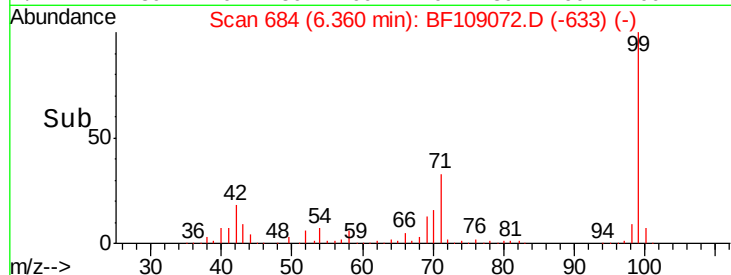
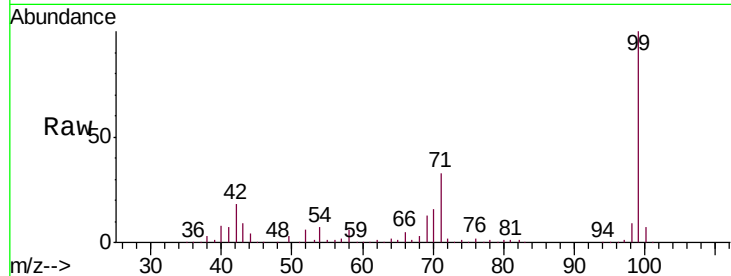
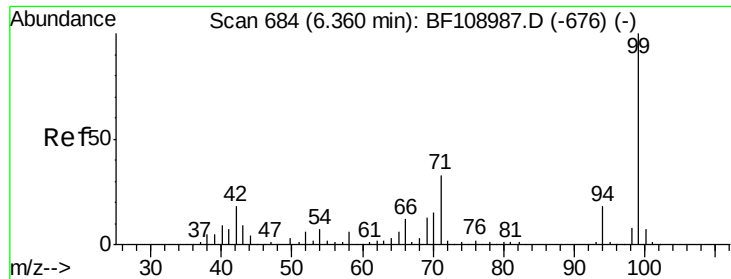
#5
 2-Fluorophenol
 Concen: 105.473 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109072.D
 Acq: 18 Sep 2018 3:05

Tgt Ion:112 Resp: 739928
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 31.4 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: 101.474 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109072.D

Acq: 18 Sep 2018 3:05

Instrument :

BNA_F

ClientSampleId :

132-1-VOLT

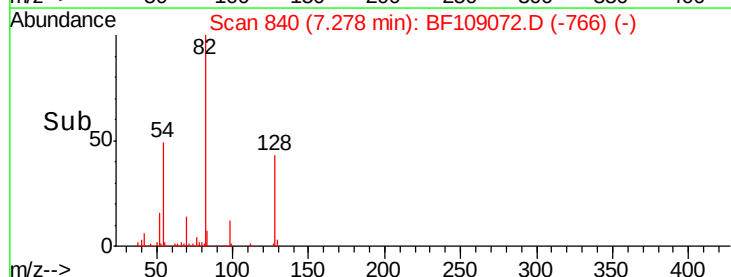
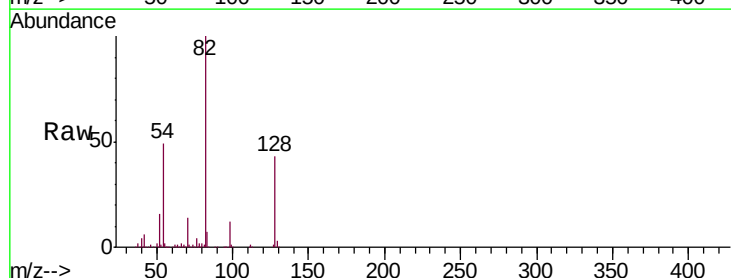
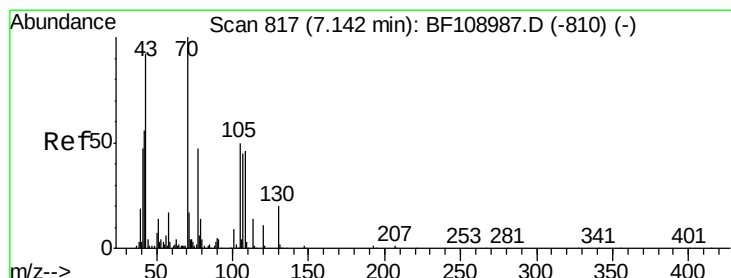
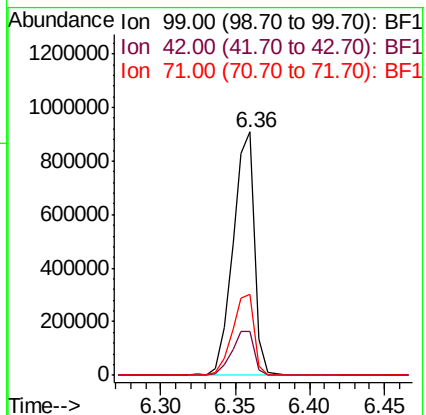
Tgt Ion: 99 Resp: 917921

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 33.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.946 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109072.D

Acq: 18 Sep 2018 3:05

Tgt Ion: 70 Resp: 77410

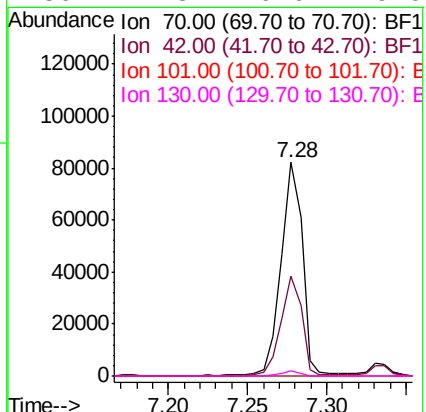
Ion Ratio Lower Upper

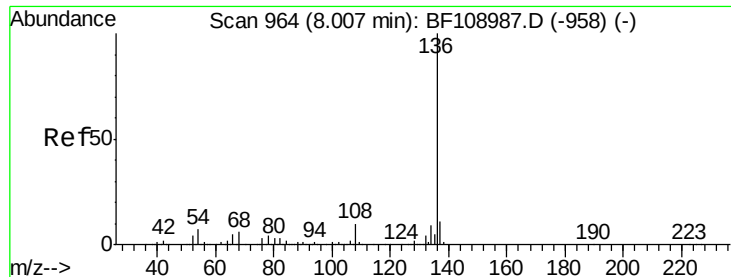
70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

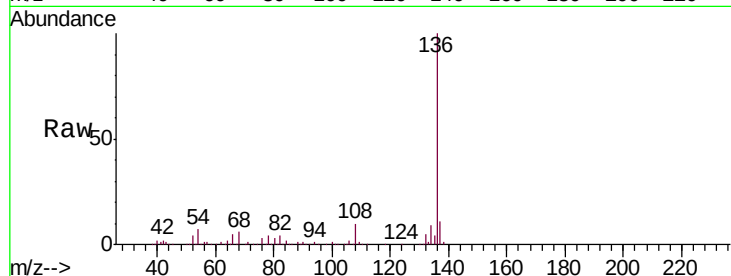




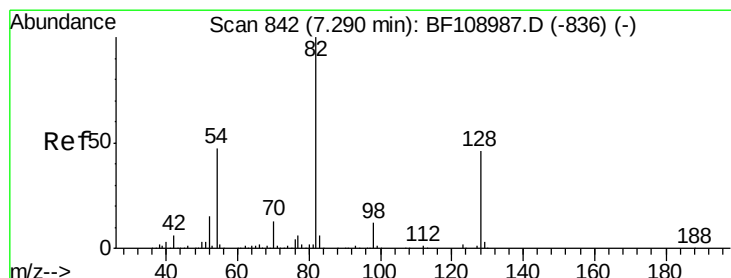
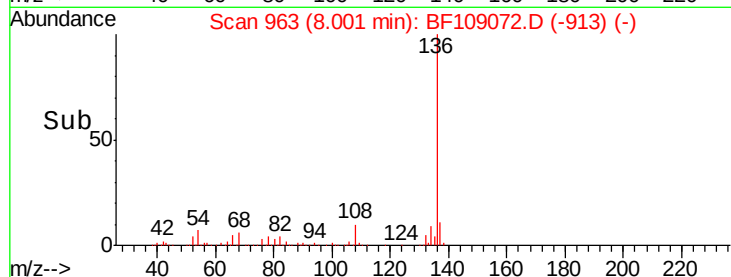
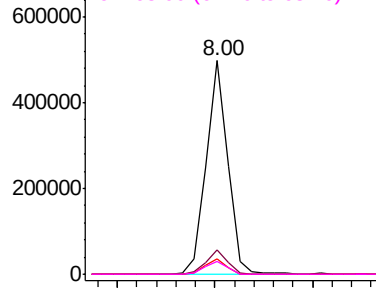
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion:	136	Resp:	381055
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4

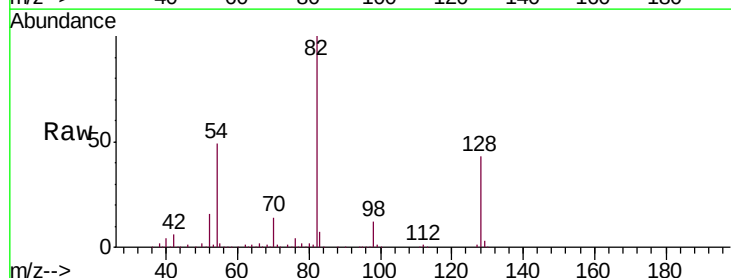


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

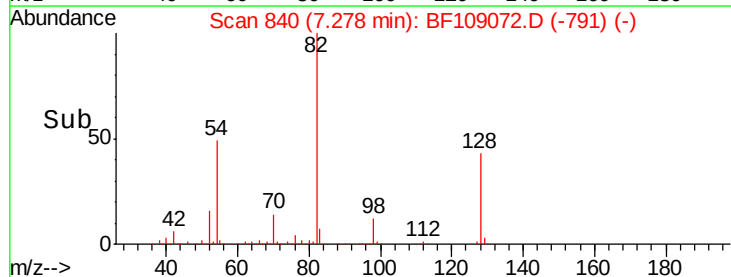
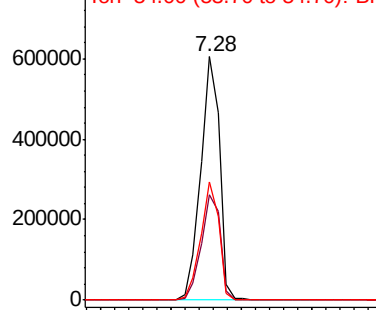


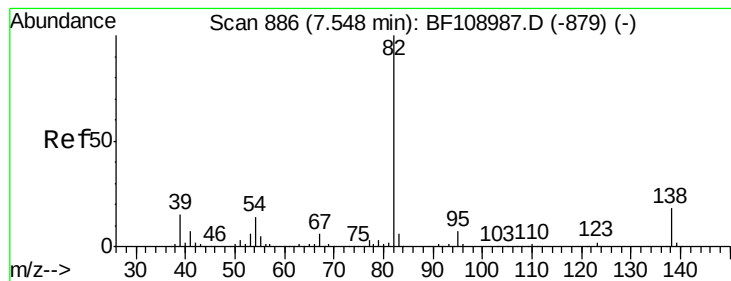
#23
Nitrobenzene-d5
Concen: 83.279 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Tgt Ion:	82	Resp:	565784
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.7	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





#25

Isophorone

Concen: 48.050 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109072.D

Acq: 18 Sep 2018 3:05

Instrument :

BNA_F

ClientSampleId :

132-1-VOLT

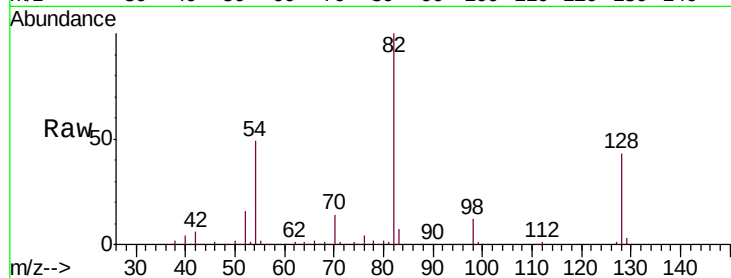
Tgt Ion: 82 Resp: 561152

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

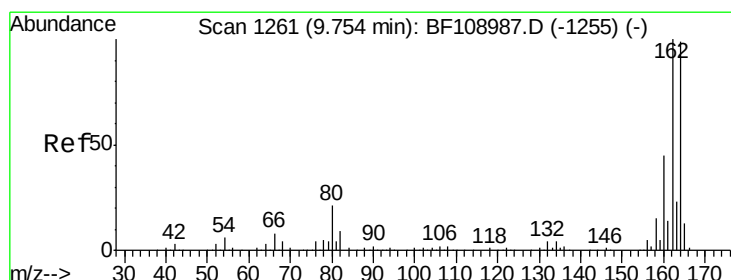
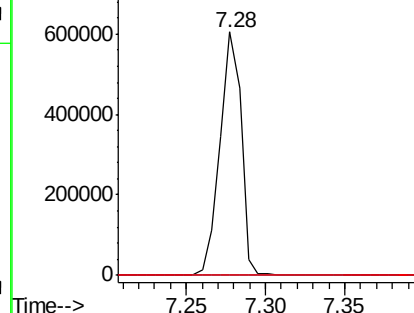
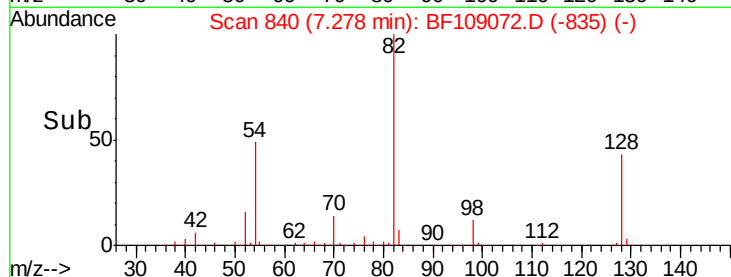
138 0.0 14.9 22.3#



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: BF109072.D

Acq: 18 Sep 2018 3:05

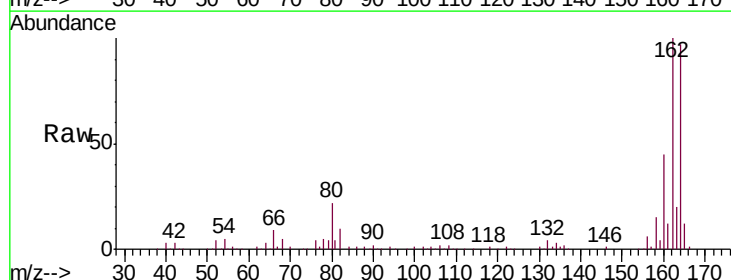
Tgt Ion: 164 Resp: 160909

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

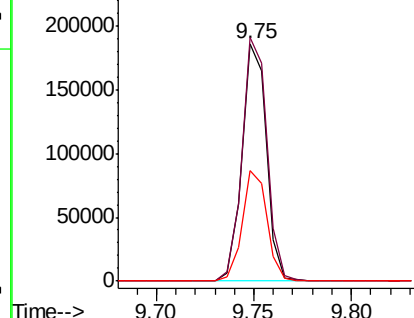
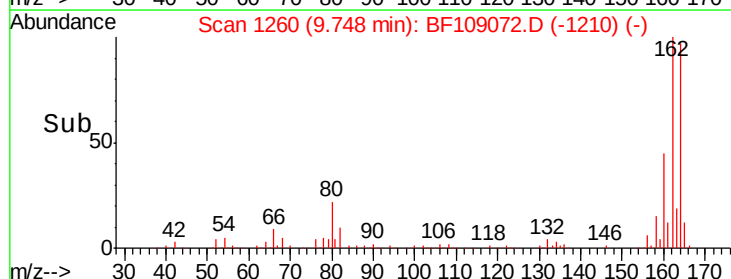
160 46.4 38.3 57.5

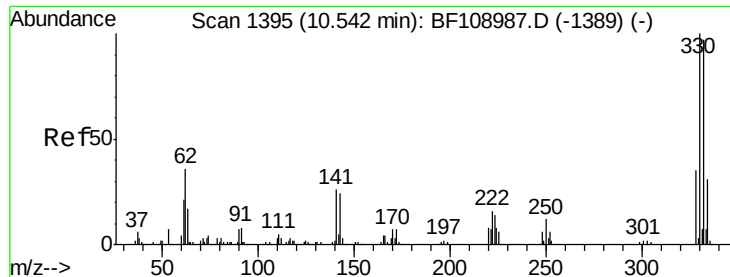


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

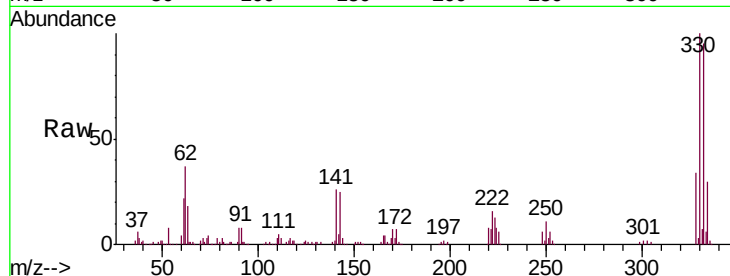




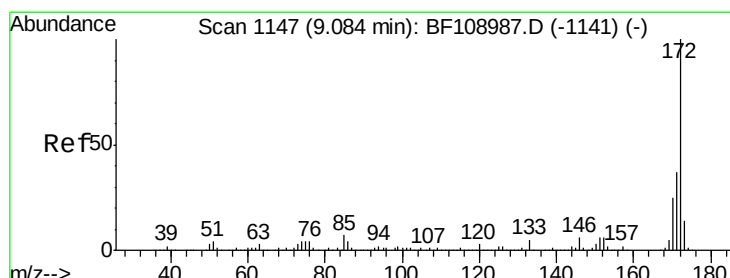
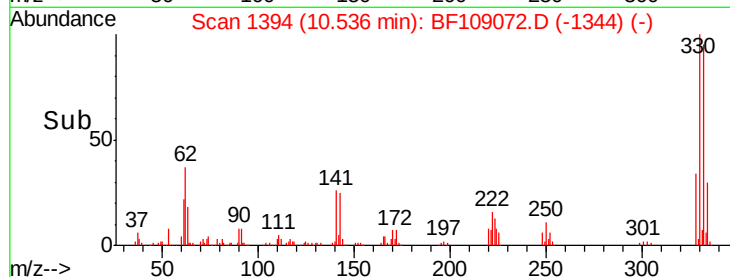
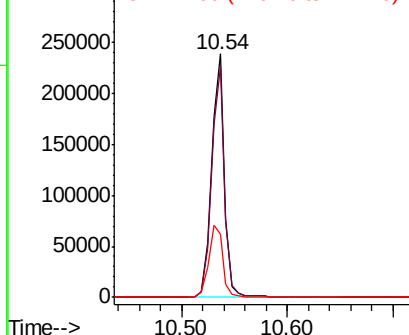
#41
 2,4,6-Tribromophenol
 Concen: 116.887 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109072.D
 Acq: 18 Sep 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 132-1-VOLT

Tgt Ion:330 Resp: 204118
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 32.3 29.9 44.9

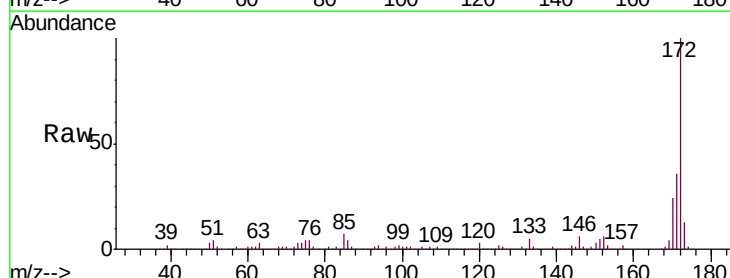


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

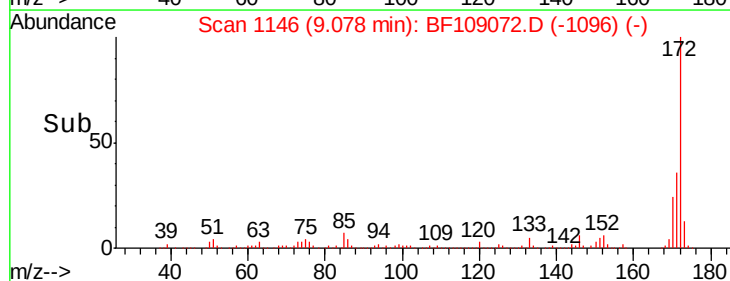
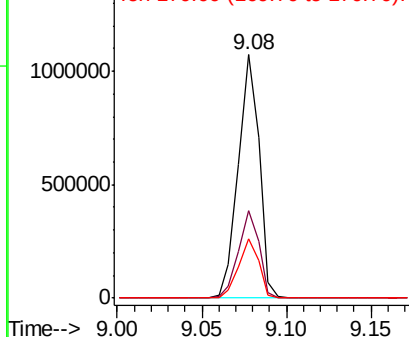


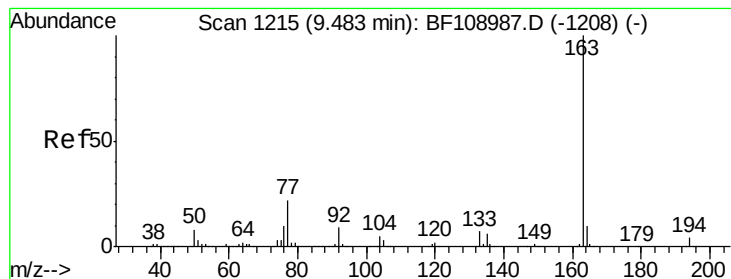
#44
 2-Fluorobiphenyl
 Concen: 90.047 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109072.D
 Acq: 18 Sep 2018 3:05

Tgt Ion:172 Resp: 924813
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 7.031 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109072.D

Acq: 18 Sep 2018 3:05

Instrument :

BNA_F

ClientSampleId :

132-1-VOLT

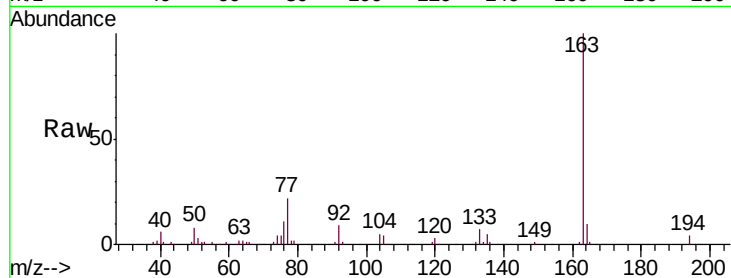
Tgt Ion:163 Resp: 80863

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

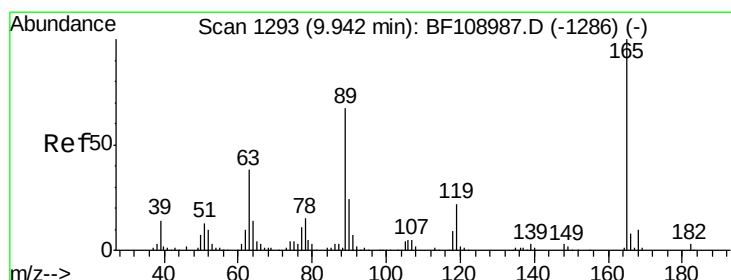
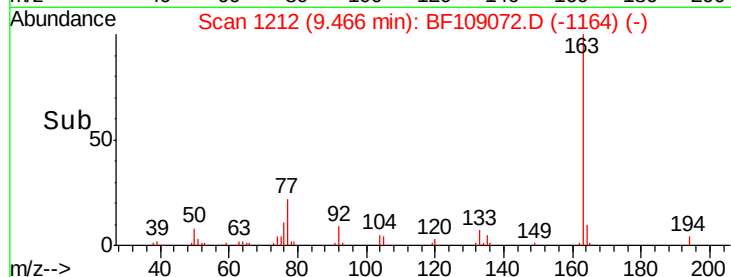
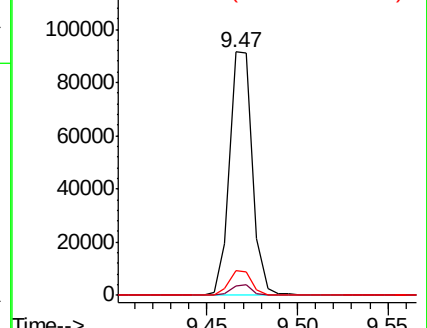
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.942 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109072.D

Acq: 18 Sep 2018 3:05

Tgt Ion:165 Resp: 19819

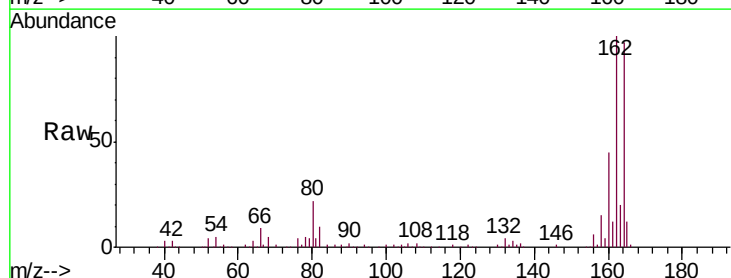
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

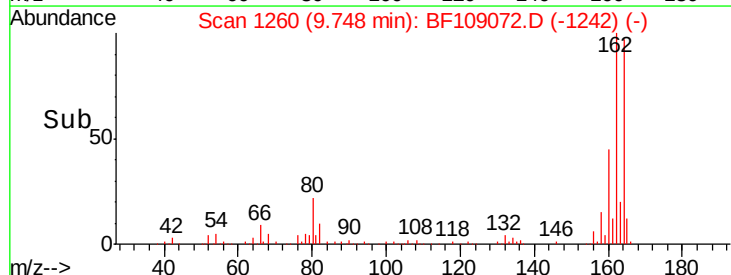
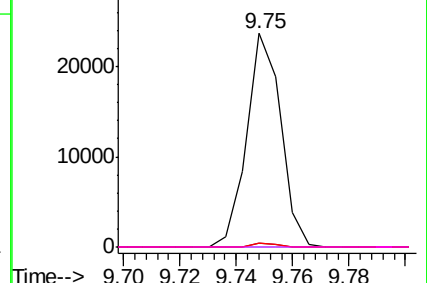


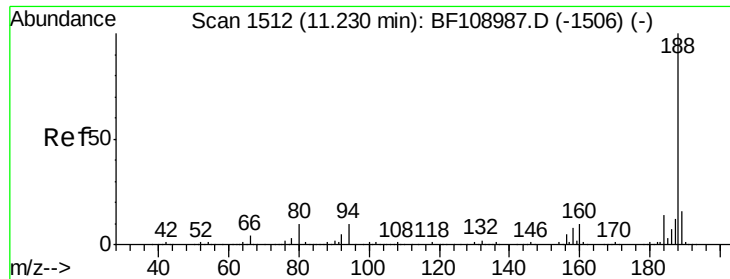
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

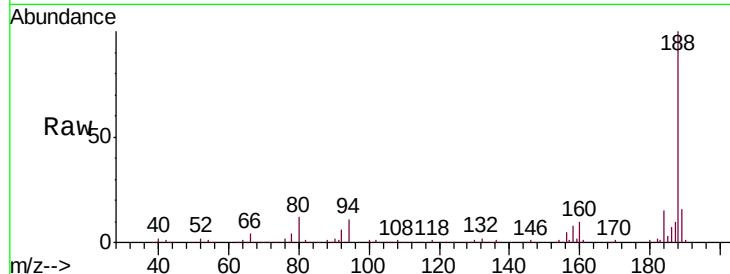




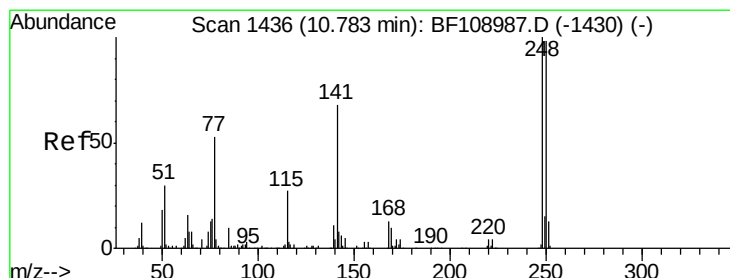
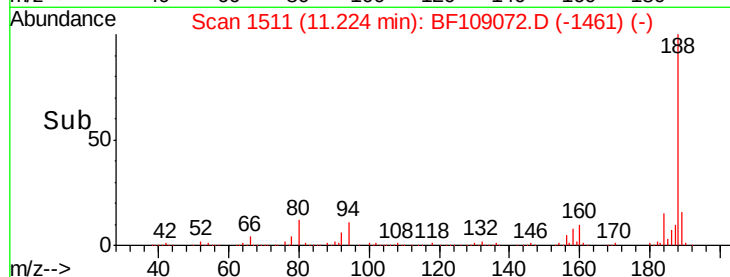
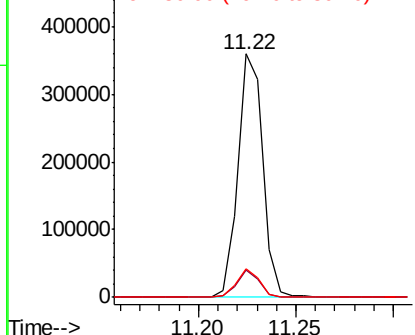
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109072.D
 Acq: 18 Sep 2018 3:05

Instrument :
 BNA_F
 ClientSampleId :
 132-1-VOLT

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

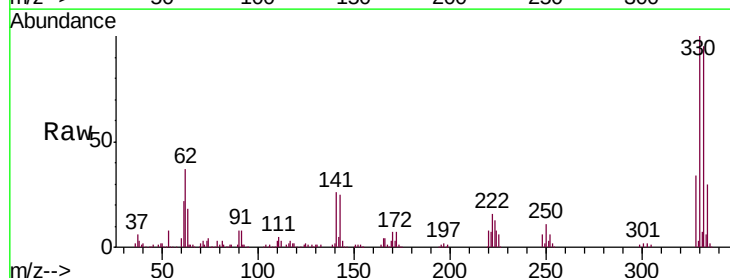


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

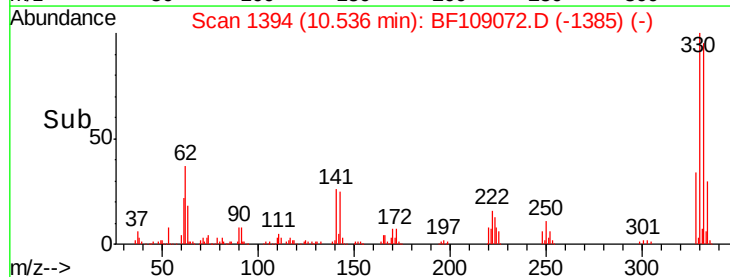
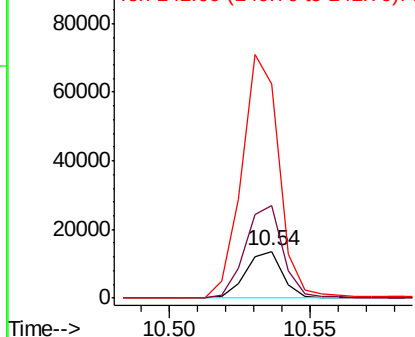


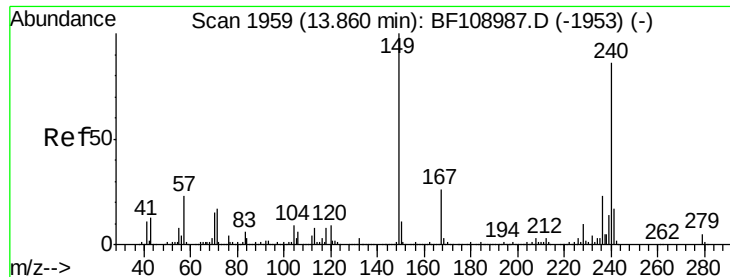
#66
 4-Bromophenyl-phenylether
 Concen: 3.414 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109072.D
 Acq: 18 Sep 2018 3:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.4	76.9	115.3#
141	460.1	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: BF109072.D

Acq: 18 Sep 2018 3:05

Instrument :

BNA_F

ClientSampleId :

132-1-VOLT

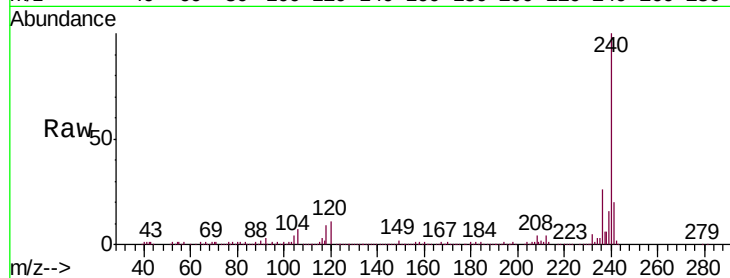
Tgt Ion:240 Resp: 326869

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

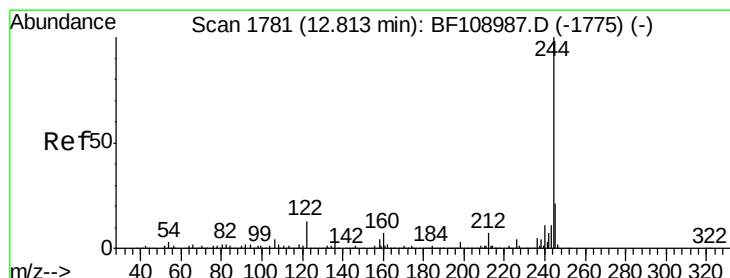
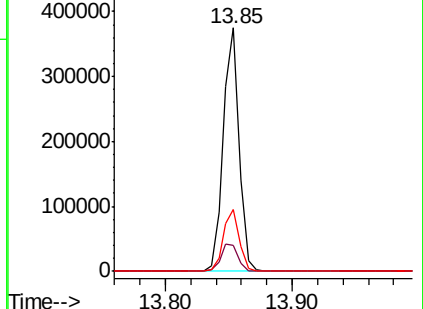
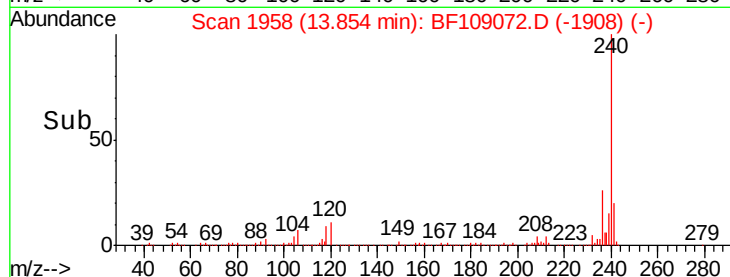
236 25.6 20.7 31.1



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: 74.545 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109072.D

Acq: 18 Sep 2018 3:05

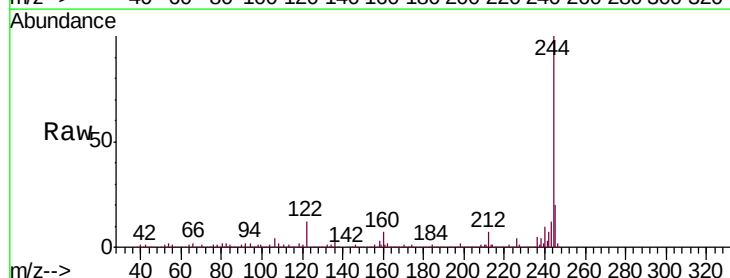
Tgt Ion:244 Resp: 1028003

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

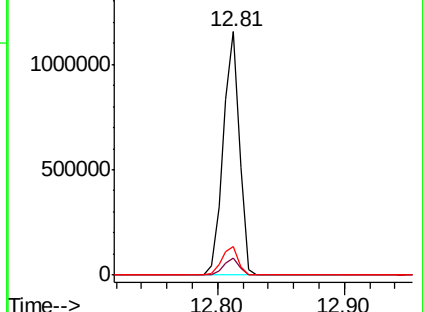
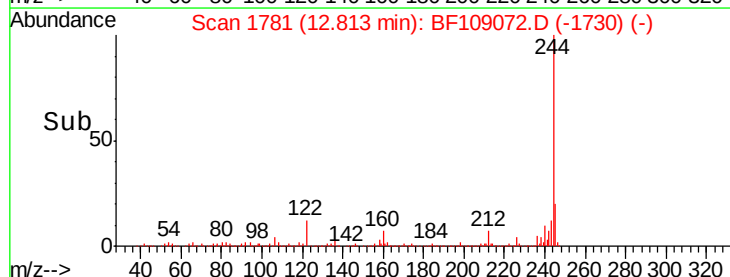
122 11.5 11.0 16.4

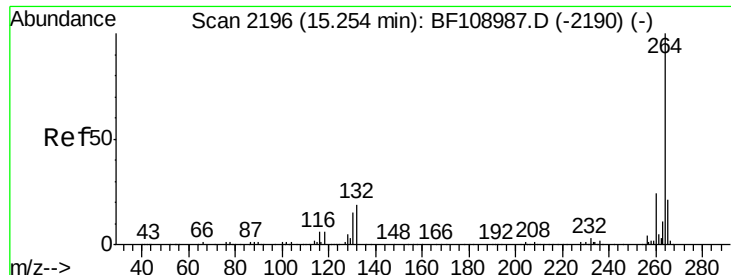


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

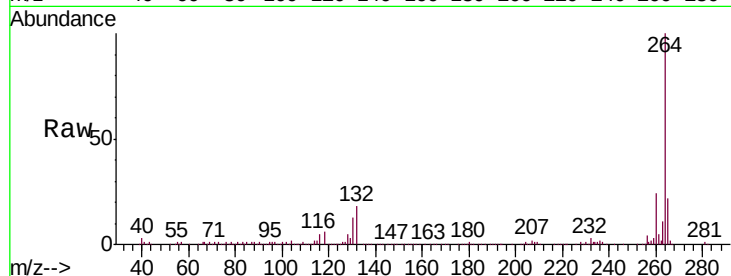




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109072.D
Acq: 18 Sep 2018 3:05

Instrument :
BNA_F
ClientSampleId :
132-1-VOLT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3



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

