

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109129.D
 Acq On : 19 Sep 2018 6:57
 Operator : JU/SJ
 Sample : J4931-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 07:47:31 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

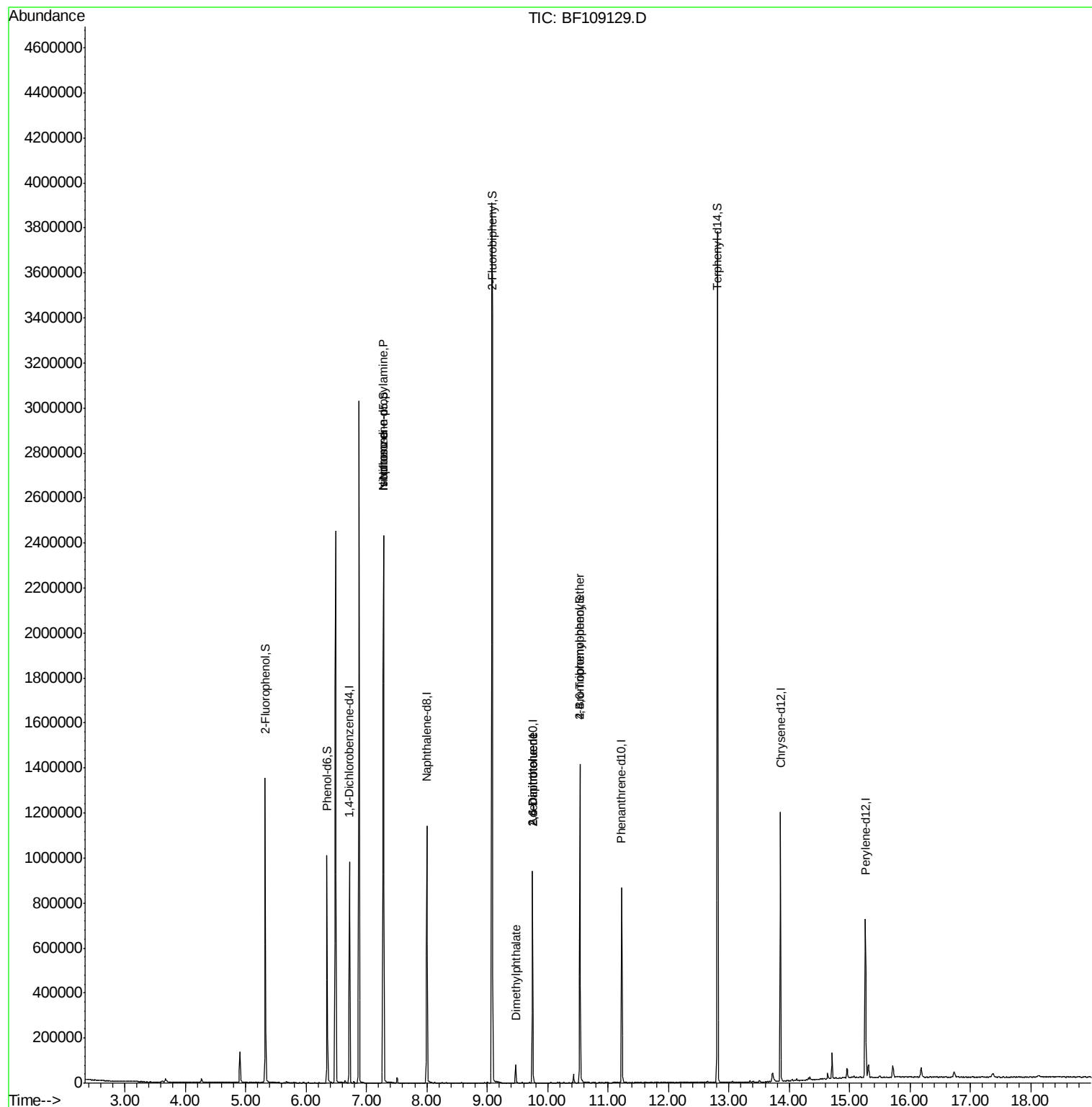
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137073	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	463625	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	183032	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	327734	20.00	ng	0.00
75) Chrysene-d12	13.85	240	379179	20.00	ng	0.00
86) Perylene-d12	15.26	264	312680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	366300	44.38	ng	0.00
7) Phenol-d6	6.35	99	289001	27.16	ng	-0.01
23) Nitrobenzene-d5	7.28	82	802360	97.07	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	184267	92.76	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1270377	108.74	ng	0.00
78) Terphenyl-d14	12.81	244	1337183	83.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	109485	15.565	ng	# 76
25) Isophorone	7.28	82	797290	56.112	ng	# 64
49) Dimethylphthalate	9.47	163	35141	2.686	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	22791	7.856	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22791	6.007	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11509	3.115	ng	# 1

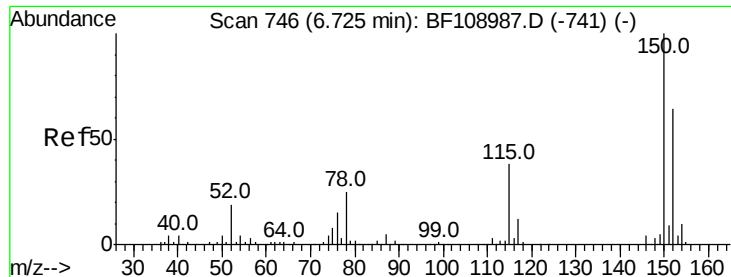
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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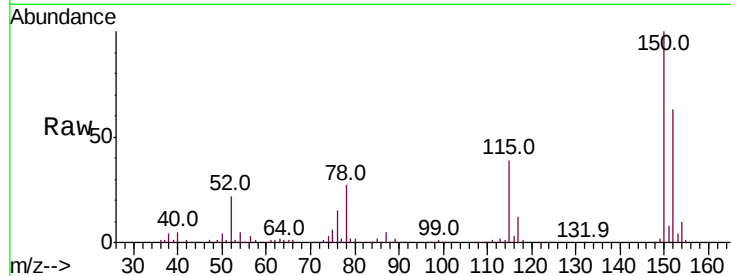


#1

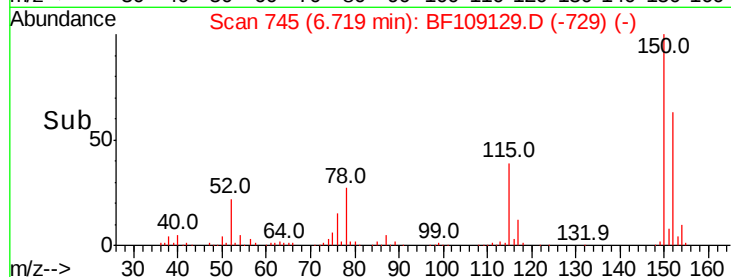
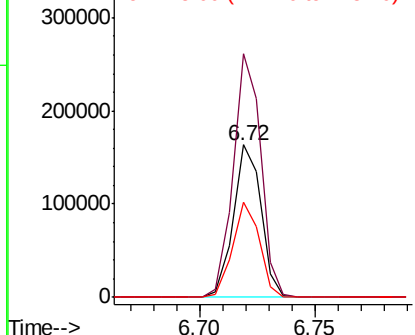
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 137073
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 62.7 50.1 75.1



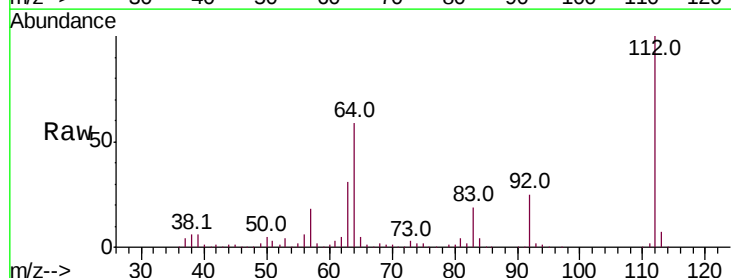
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



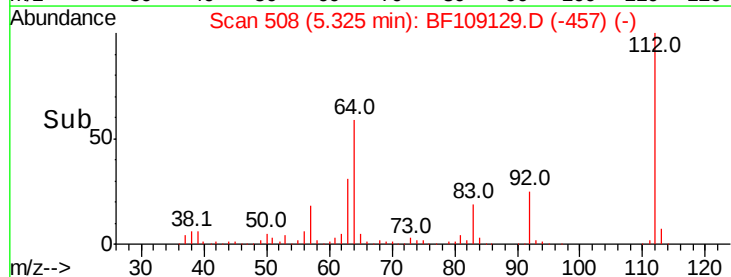
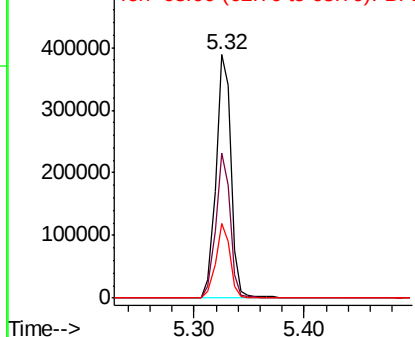
#5

2-Fluorophenol
 Concen: 44.384 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Tgt Ion:112 Resp: 366300
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 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: 27.157 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109129.D

Acq: 19 Sep 2018 6:57

Instrument :

BNA_F

ClientSampleId :

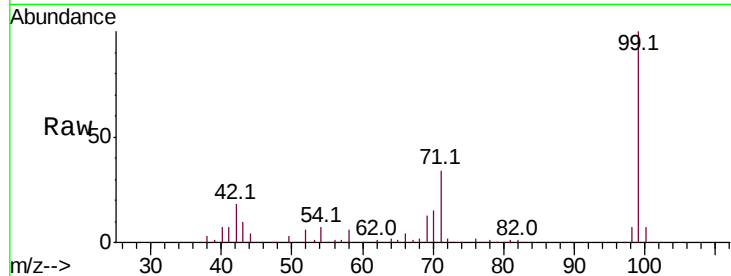
Tot Ion: 99 Resp: 289001

Ion Ratio Lower Upper

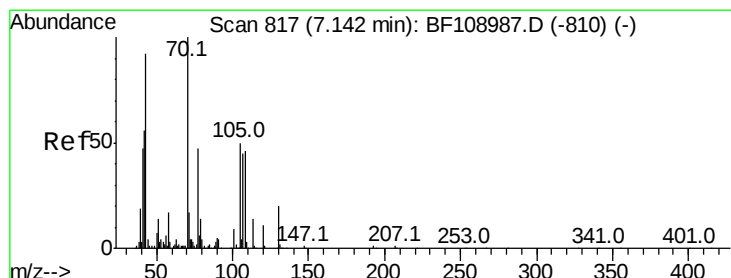
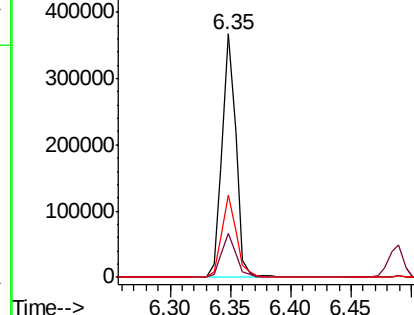
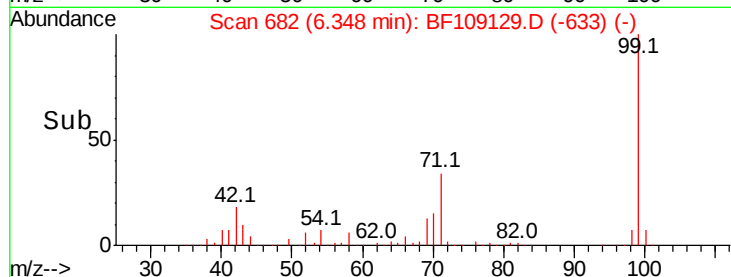
99 100

42 18.3 14.5 21.7

71 33.8 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: 15.565 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109129.D

Acq: 19 Sep 2018 6:57

Tgt Ion: 70 Resp: 109485

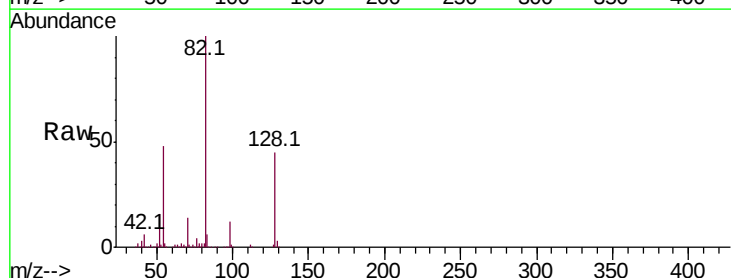
Ion Ratio Lower Upper

70 100

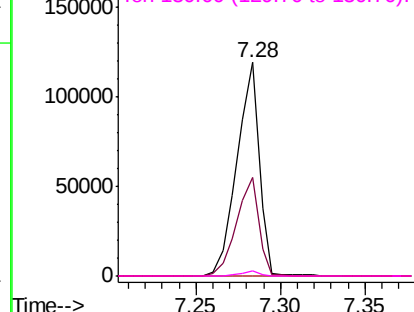
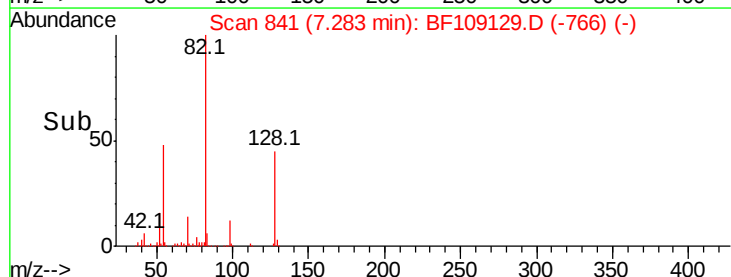
42 46.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 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: BF109129.D

Acq: 19 Sep 2018 6:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 463625

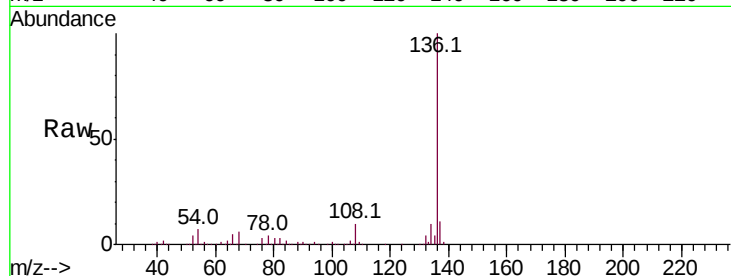
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

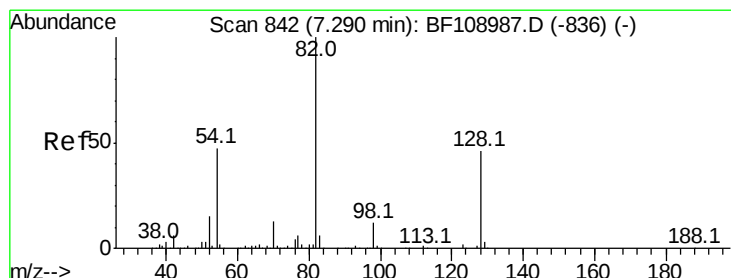
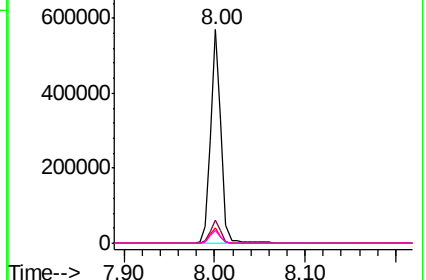
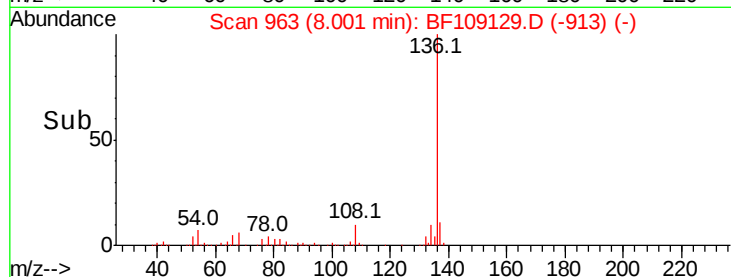


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.068 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109129.D

Acq: 19 Sep 2018 6:57

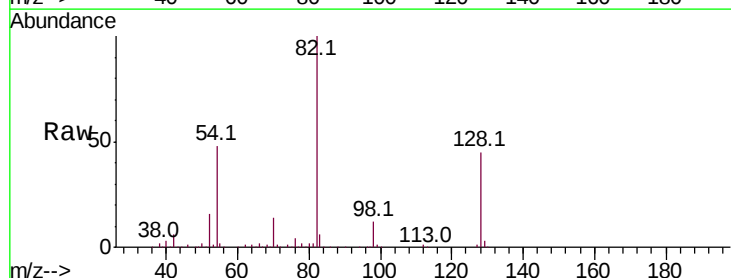
Tgt Ion: 82 Resp: 802360

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

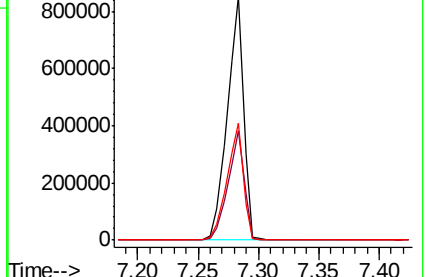
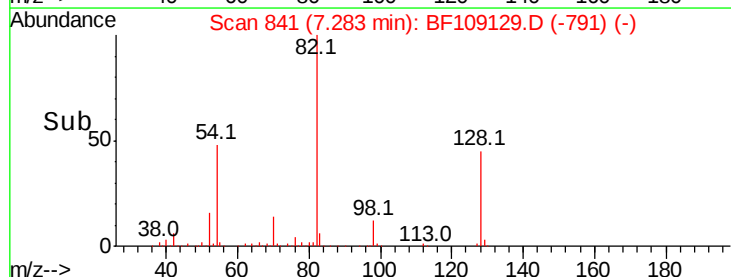
54 48.0 41.4 62.2

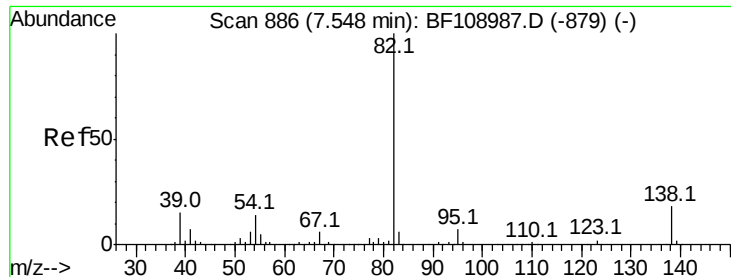


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 56.112 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109129.D

Acq: 19 Sep 2018 6:57

Instrument :

BNA_F

ClientSampleId :

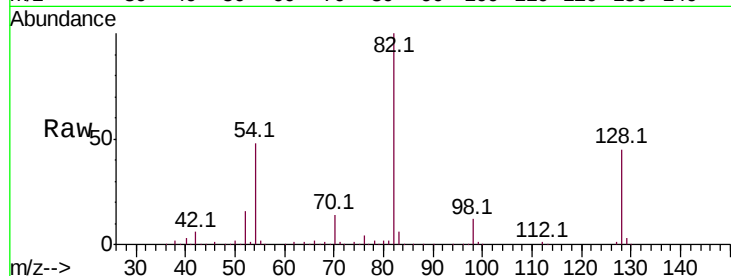
Tot Ion: 82 Resp: 797290

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

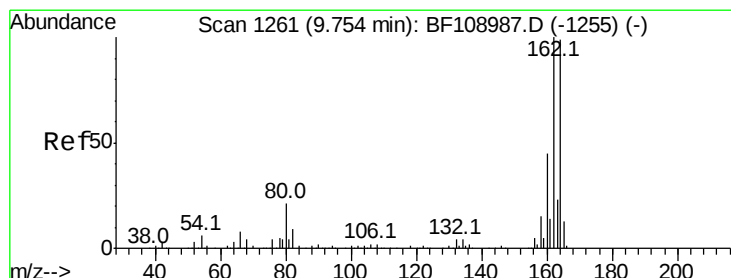
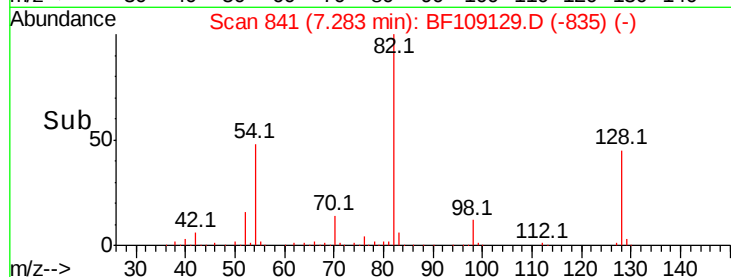
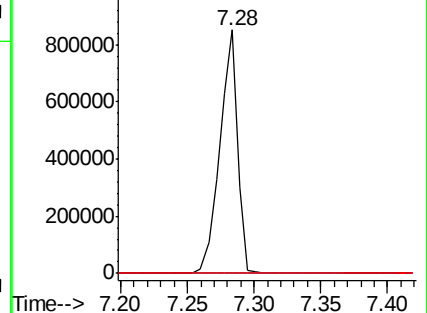
138 0.0 14.9 22.3#



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: BF109129.D

Acq: 19 Sep 2018 6:57

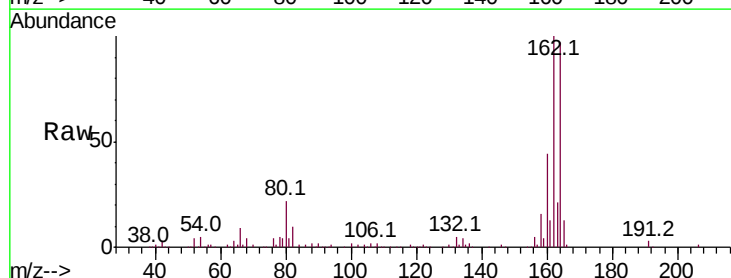
Tgt Ion:164 Resp: 183032

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

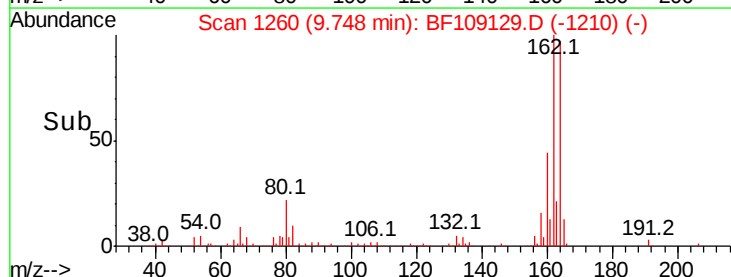
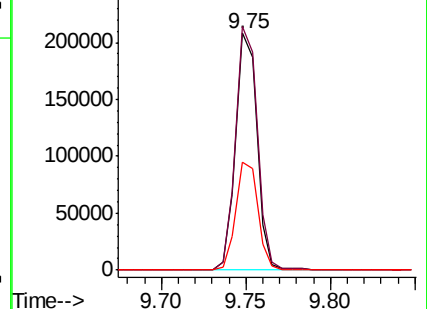
160 45.5 38.3 57.5

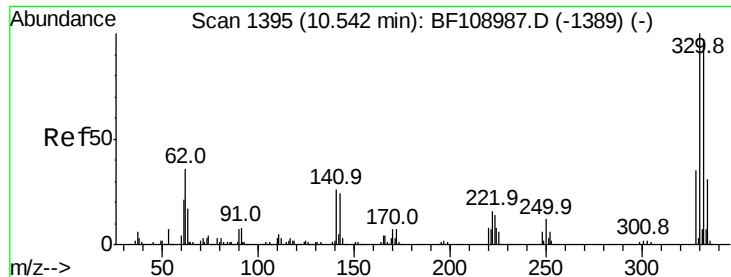


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

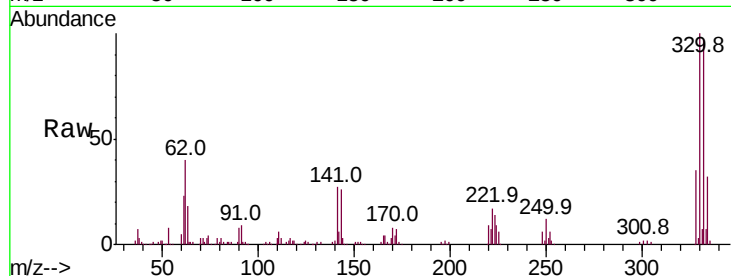




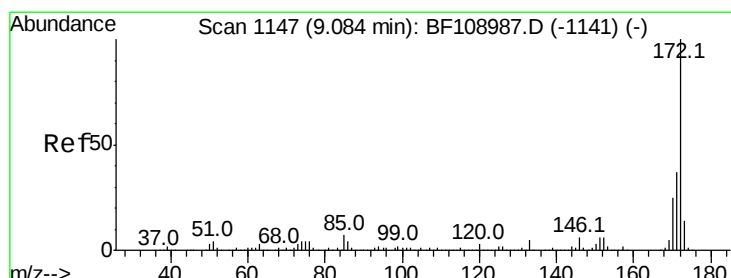
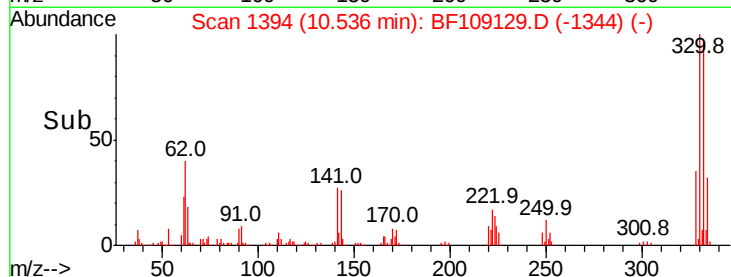
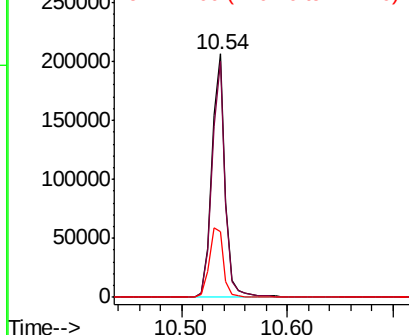
#41
 2,4,6-Tribromophenol
 Concen: 92.765 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 184267
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.0 29.9 44.9

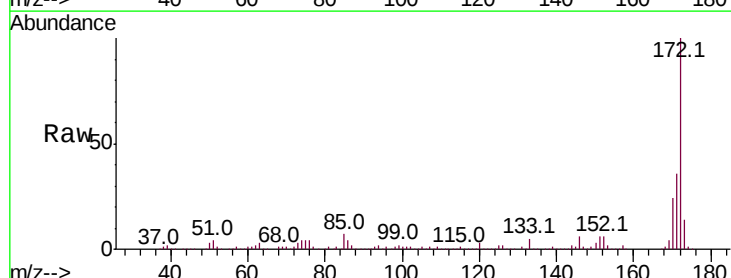


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

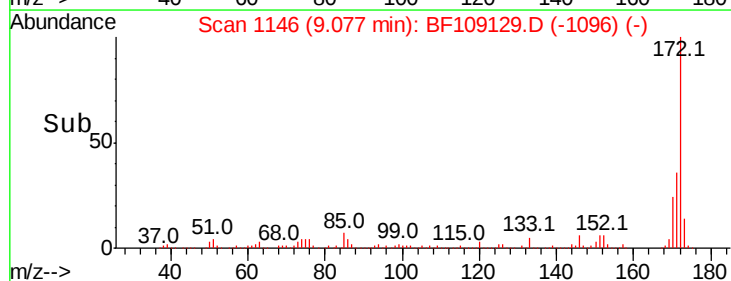
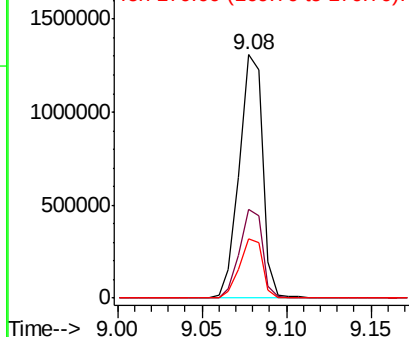


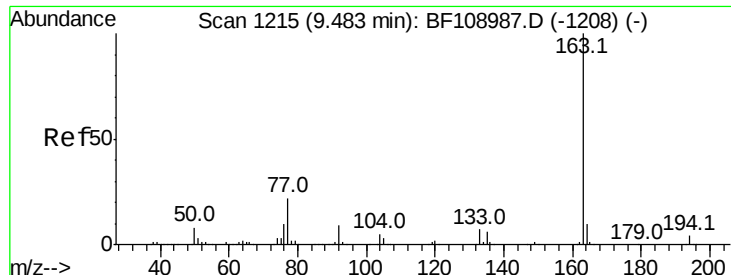
#44
 2-Fluorobiphenyl
 Concen: 108.743 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Tgt Ion:172 Resp: 1270377
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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

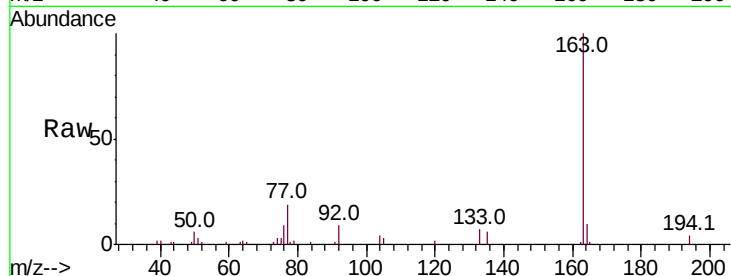




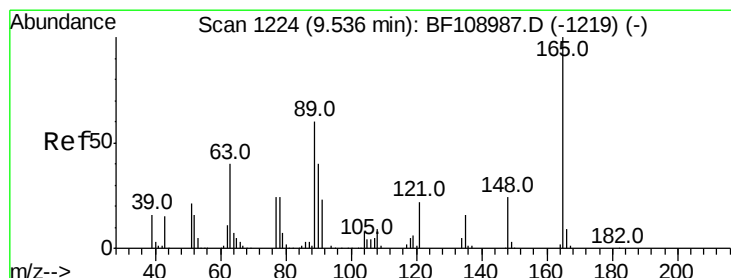
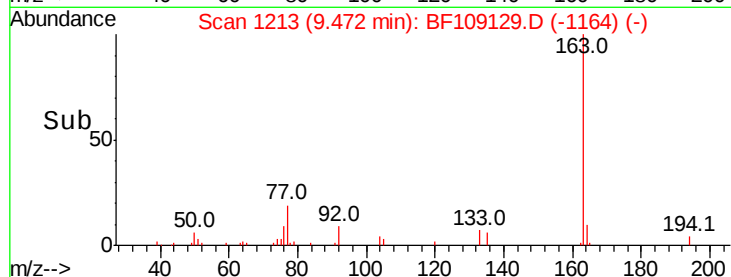
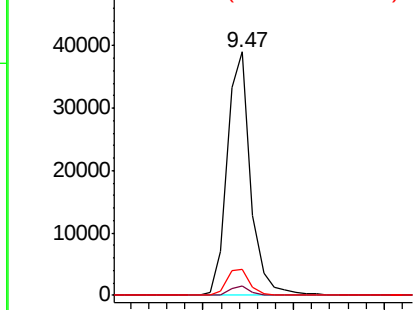
#49
Dimethylphthalate
Concen: 2.686 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109129.D
Acq: 19 Sep 2018 6:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 35141
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

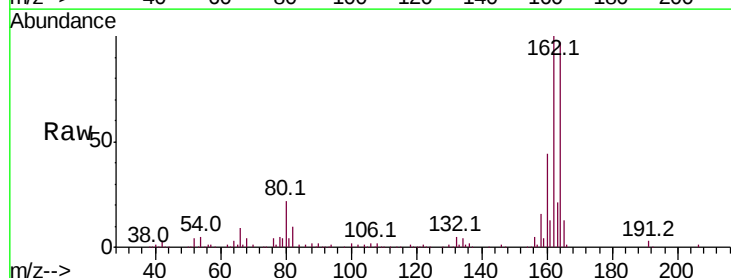


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

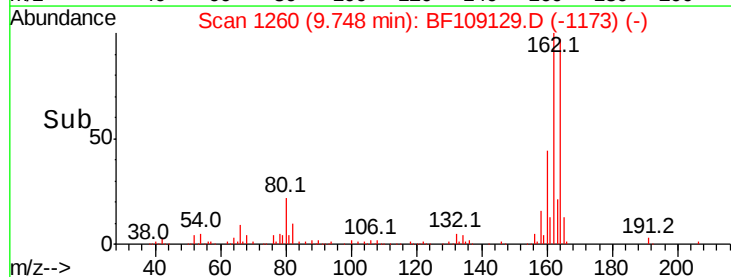
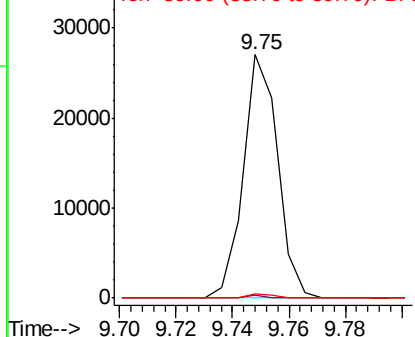


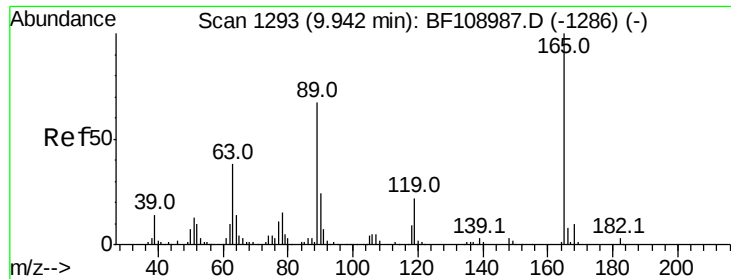
#50
2,6-Dinitrotoluene
Concen: 7.856 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109129.D
Acq: 19 Sep 2018 6:57

Tgt Ion:165 Resp: 22791
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.7 44.0 66.0#



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

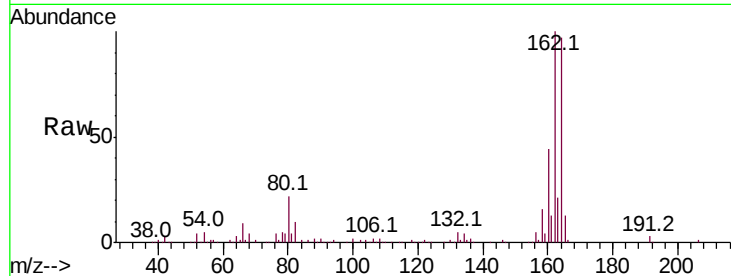




#56
 2,4-Dinitrotoluene
 Concen: 6.007 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	22791
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.7	57.8 86.6#
182	0.0	1.6 2.4#



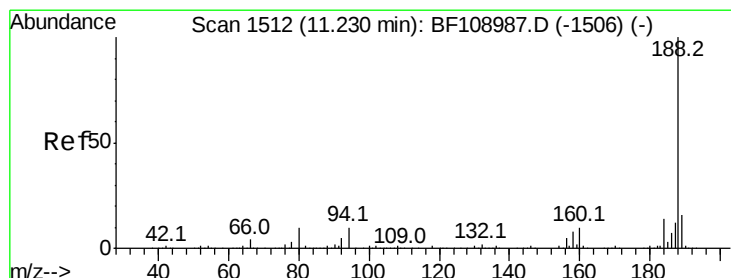
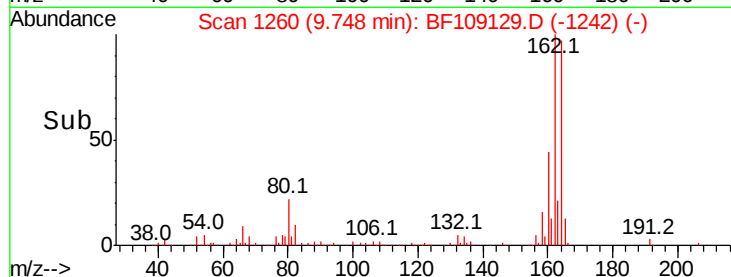
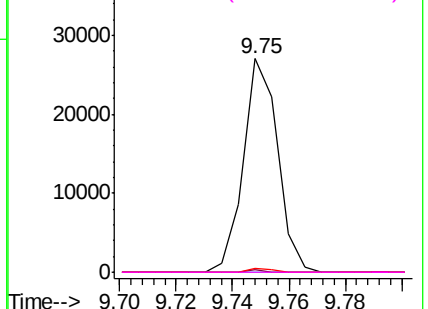
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

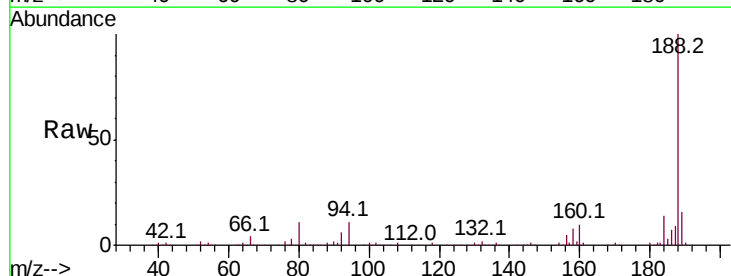
Ion 89.00 (88.70 to 89.70): BF1

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: BF109129.D
 Acq: 19 Sep 2018 6:57

Tgt Ion:188	Resp:	327734
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.5 12.7
80	11.2	9.2 13.8

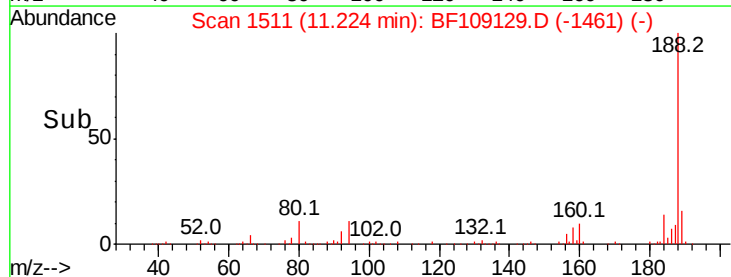
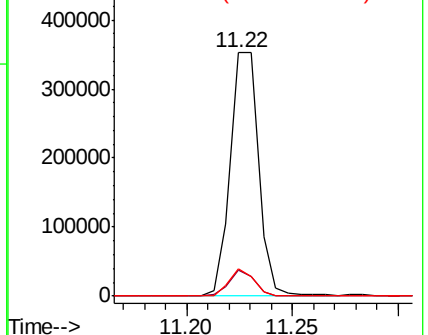


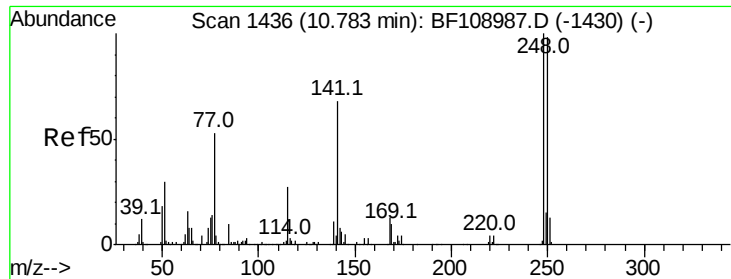
Abundance

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

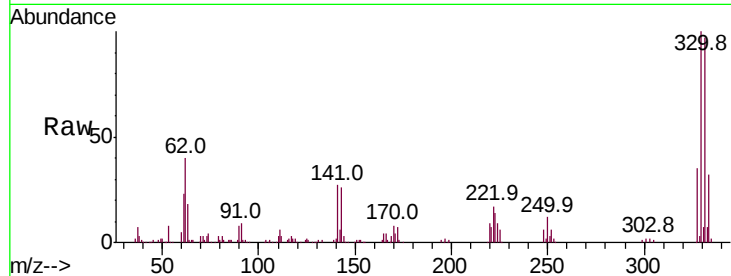




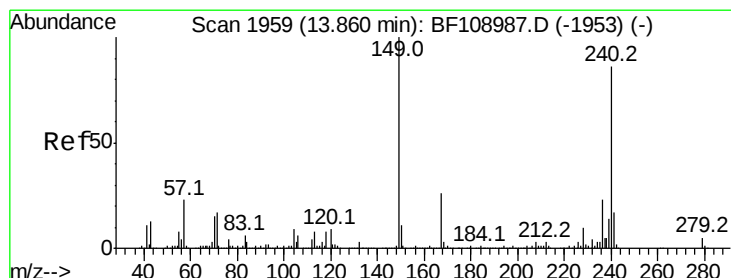
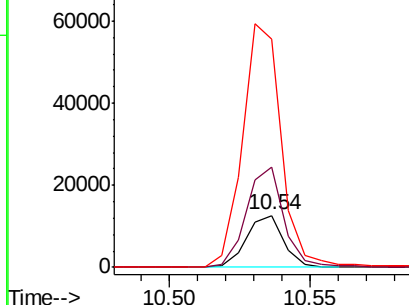
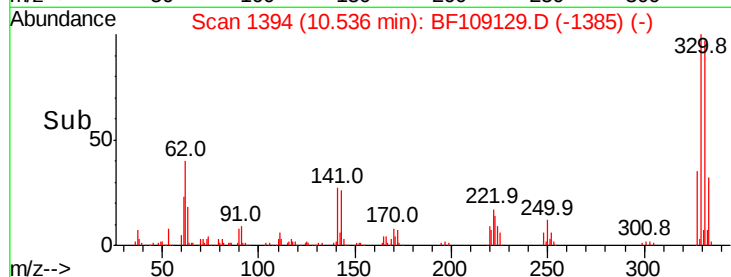
#66
 4-Bromophenyl-phenylether
 Concen: 3.115 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11509
 Ion Ratio Lower Upper
 248 100
 250 194.6 76.9 115.3#
 141 440.3 74.4 111.6#

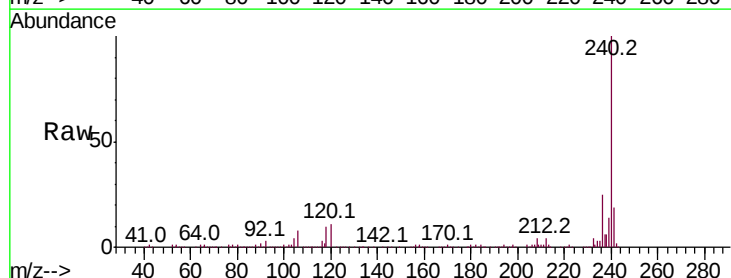


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

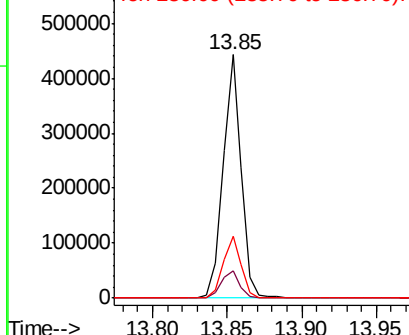
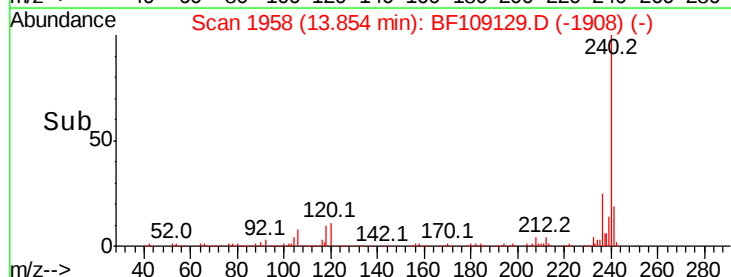


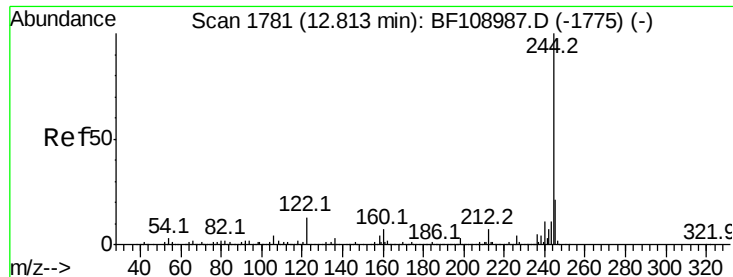
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Tgt Ion:240 Resp: 379179
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 25.3 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



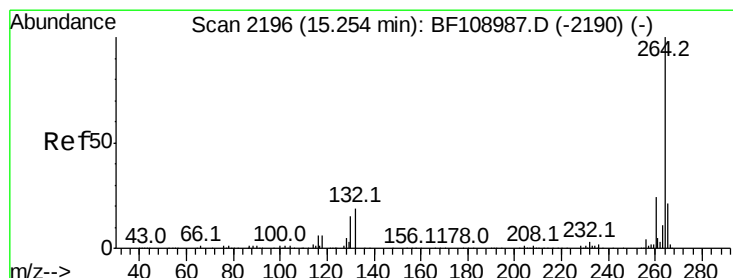
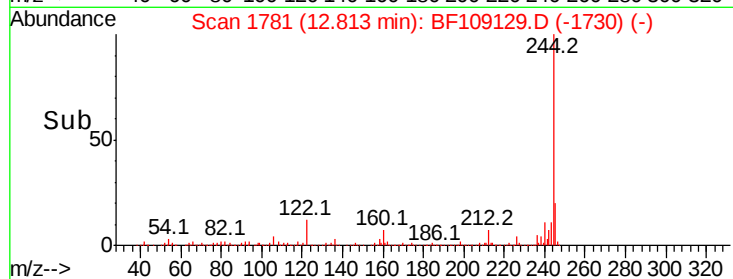
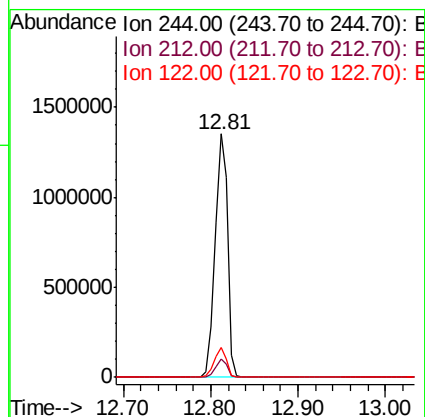
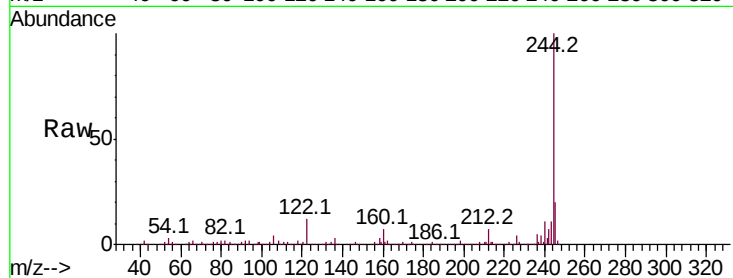


#78
 Terphenyl-d14
 Concen: 83.588 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1337183

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	12.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109129.D
 Acq: 19 Sep 2018 6:57

Tgt Ion:264 Resp: 312680

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.9	17.5	26.3

