

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109138.D
 Acq On : 19 Sep 2018 10:58
 Operator : JU/SJ
 Sample : J4931-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 11:42:28 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

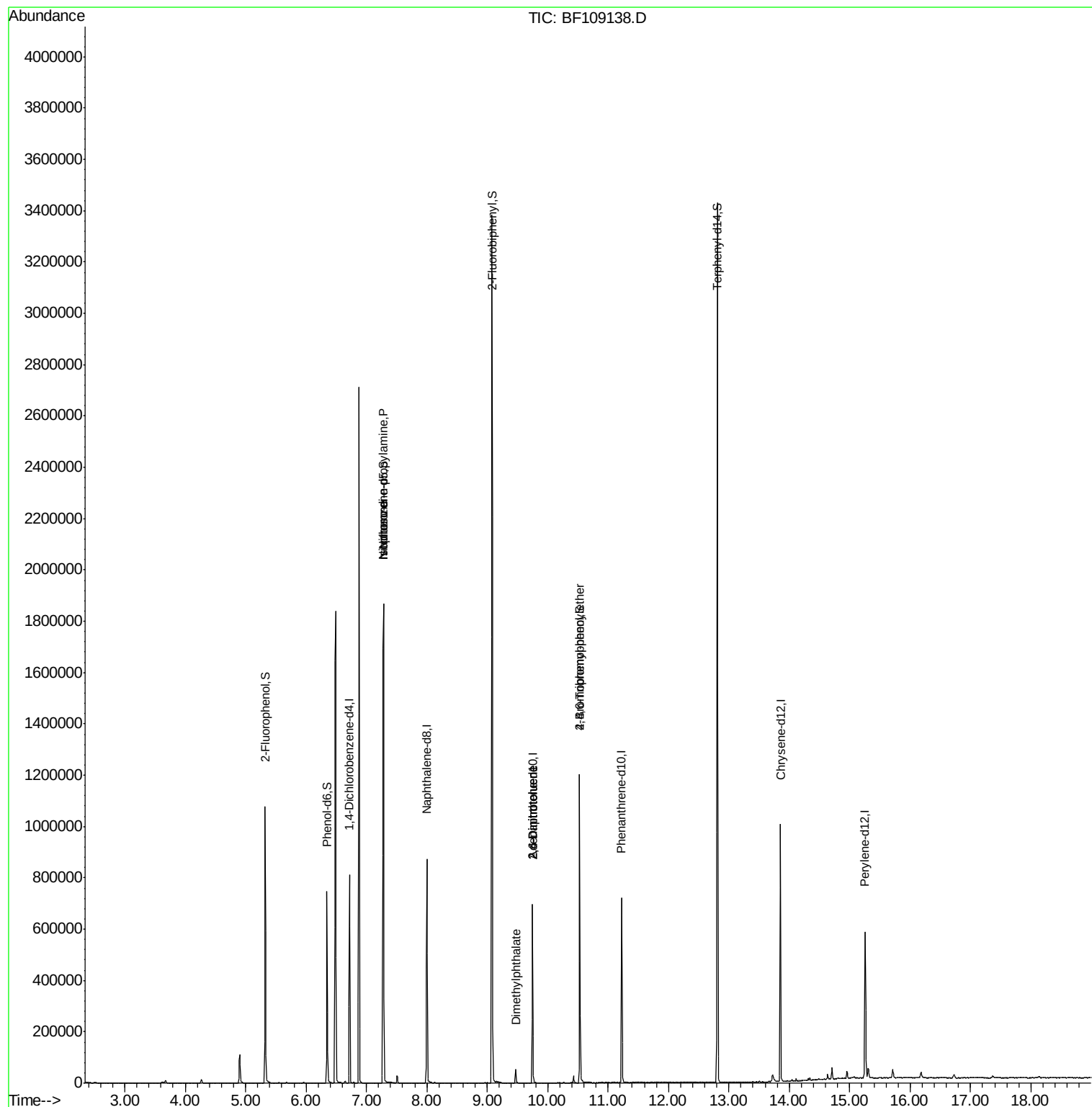
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113700	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	366399	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	139900	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	270280	20.00	ng	0.00
75) Chrysene-d12	13.85	240	326543	20.00	ng	0.00
86) Perylene-d12	15.26	264	265114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	286788	41.89	ng	0.00
7) Phenol-d6	6.35	99	213708	24.21	ng	-0.01
23) Nitrobenzene-d5	7.28	82	642968	98.43	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	148803	98.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	994734	111.40	ng	0.00
78) Terphenyl-d14	12.81	244	1137791	82.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	86543	14.832	ng	# 76
25) Isophorone	7.28	82	640827	57.068	ng	# 64
49) Dimethylphthalate	9.47	163	23552	2.355	ng	100
50) 2,6-Dinitrotoluene	9.75	165	17260	7.784	ng	# 24
56) 2,4-Dinitrotoluene	9.75	165	17260	5.952	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	8897	2.920	ng	# 1

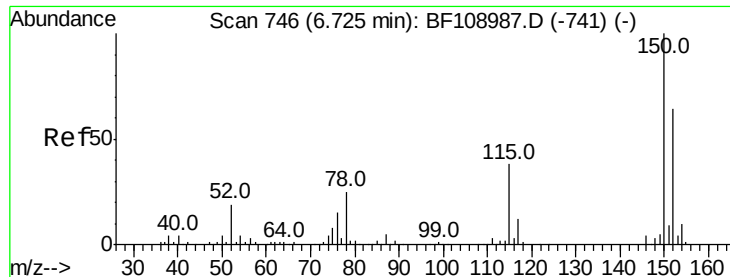
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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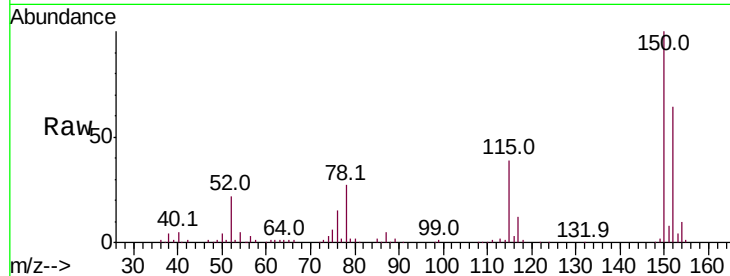


#1

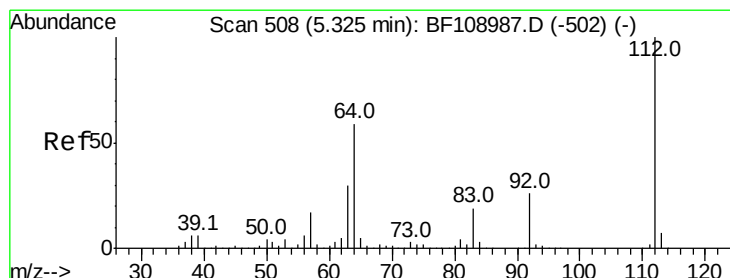
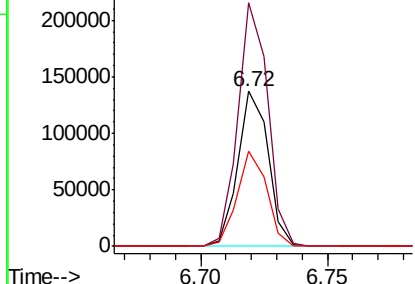
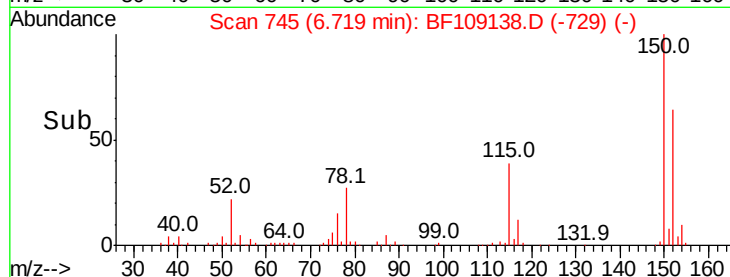
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113700
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 61.5 50.1 75.1



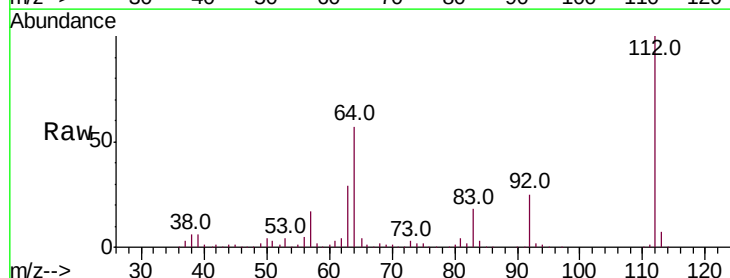
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



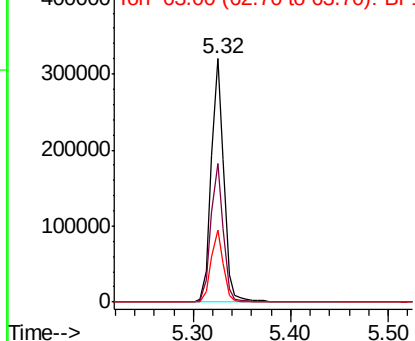
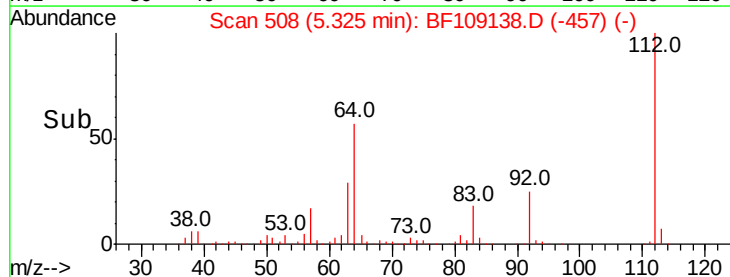
#5

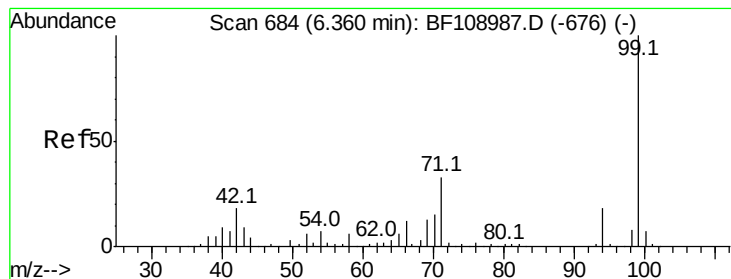
2-Fluorophenol
Concen: 41.893 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Tgt Ion:112 Resp: 286788
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.5 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: 24.210 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

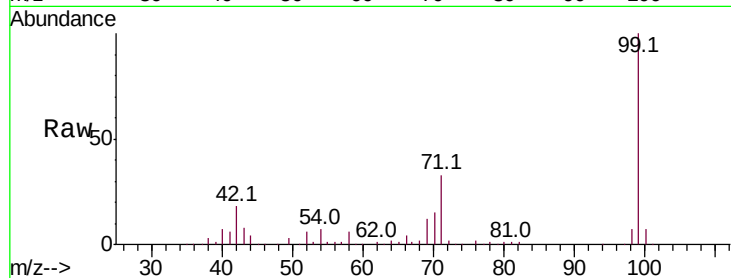
Tot Ion: 99 Resp: 213708

Ion Ratio Lower Upper

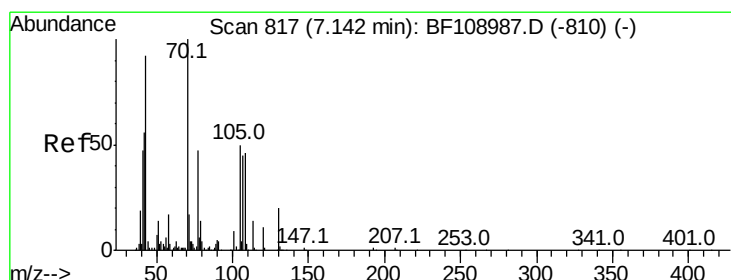
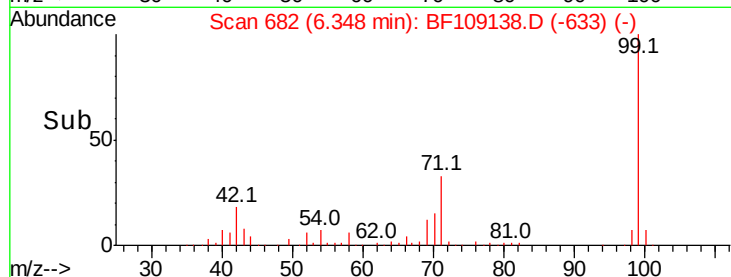
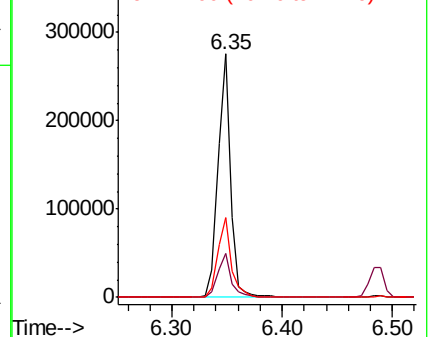
99 100

42 18.0 14.5 21.7

71 33.0 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: 14.832 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Tgt Ion: 70 Resp: 86543

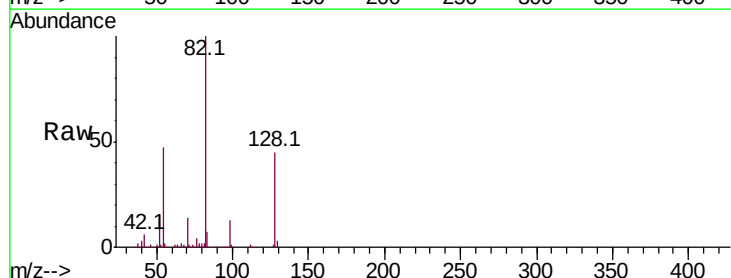
Ion Ratio Lower Upper

70 100

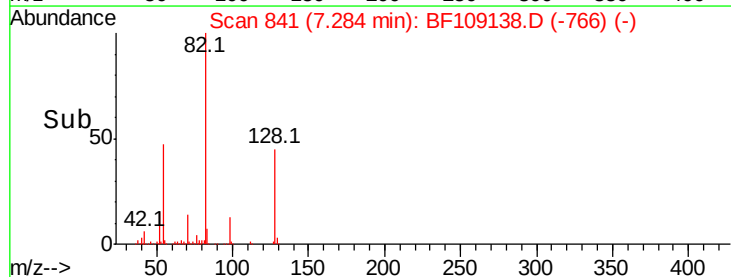
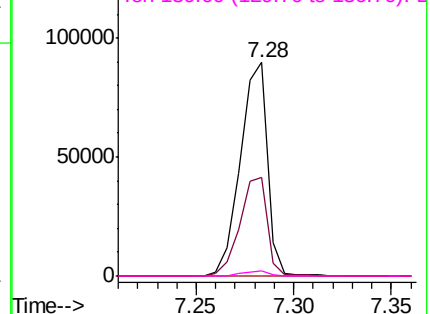
42 45.9 47.5 71.3#

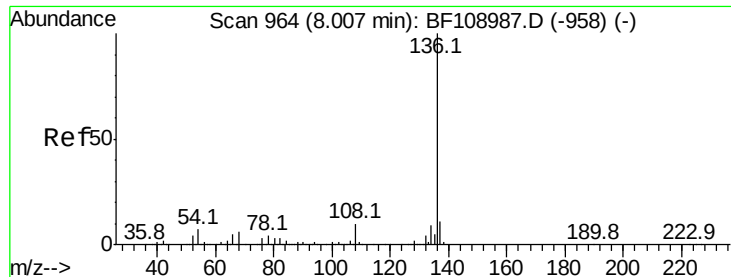
101 0.0 7.4 11.2#

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

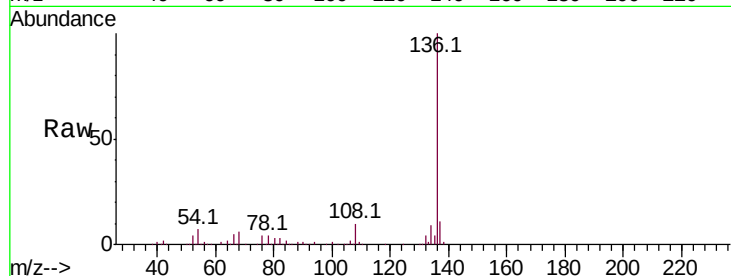




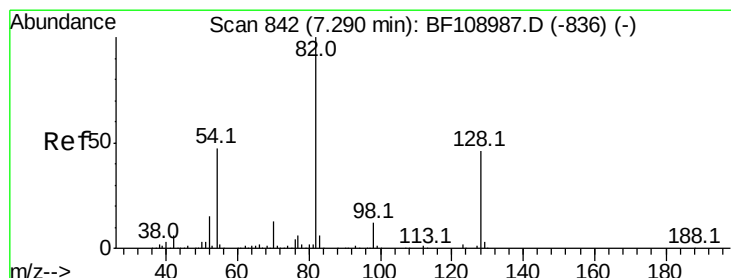
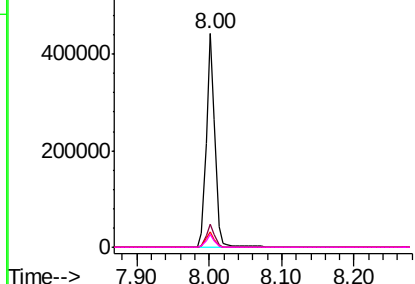
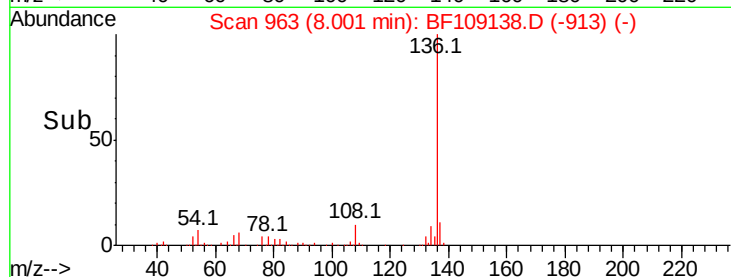
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	366399
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.2	6.6	9.8
68 5.9	5.0	7.4

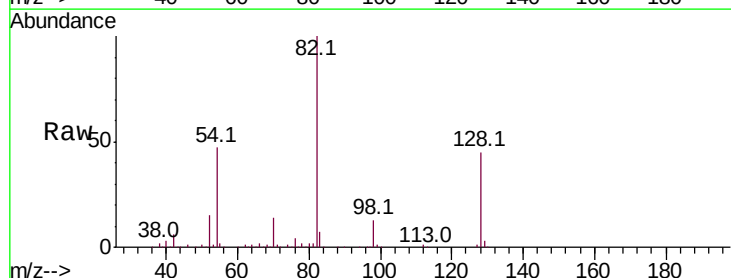


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

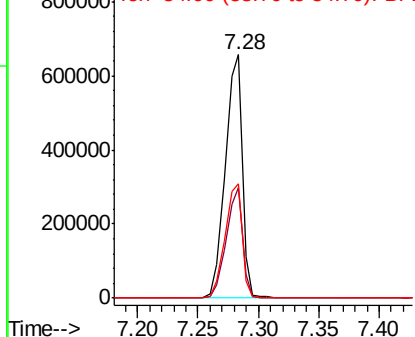
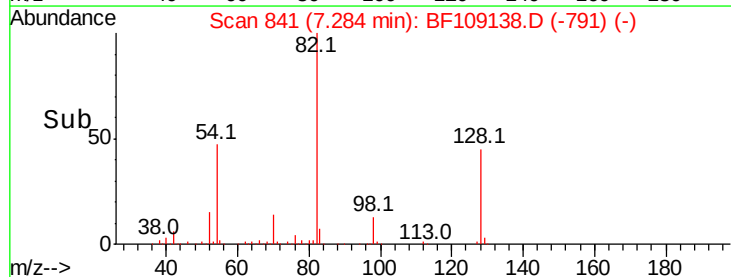


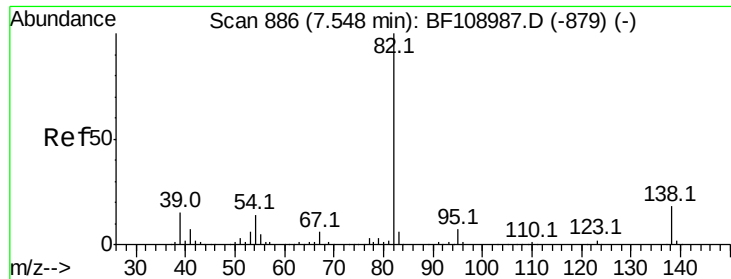
#23
Nitrobenzene-d5
Concen: 98.425 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Tgt	Ion: 82	Resp:	642968
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.9	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: 57.068 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :

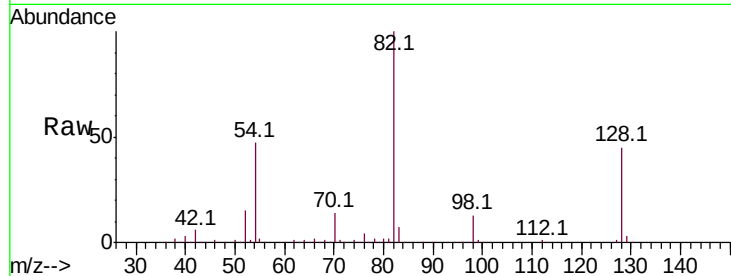
Tot Ion: 82 Resp: 640827

Ion Ratio Lower Upper

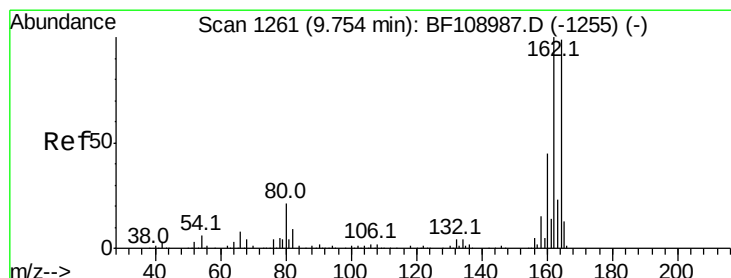
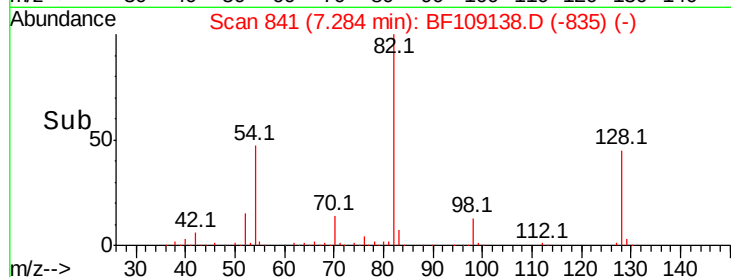
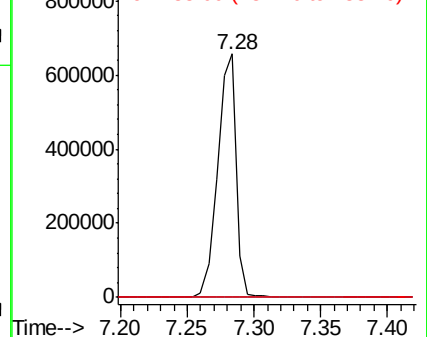
82 100

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: BF109138.D

Acq: 19 Sep 2018 10:58

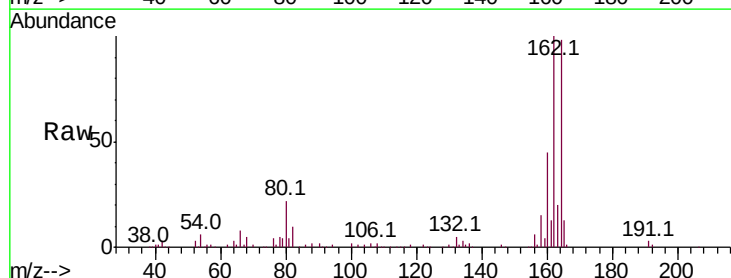
Tgt Ion:164 Resp: 139900

Ion Ratio Lower Upper

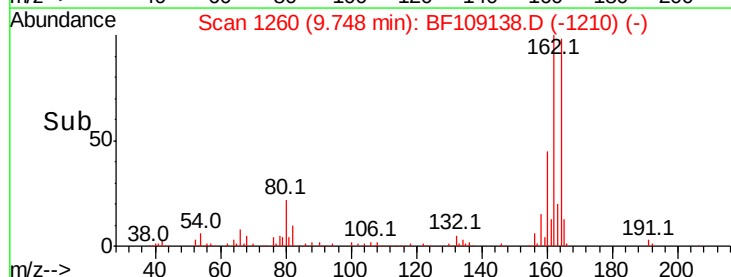
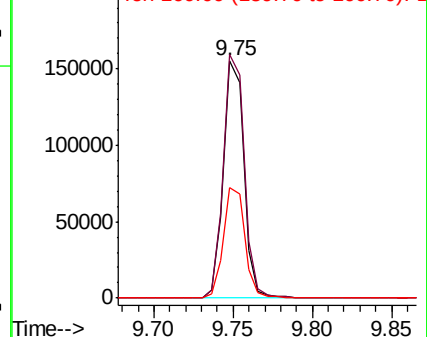
164 100

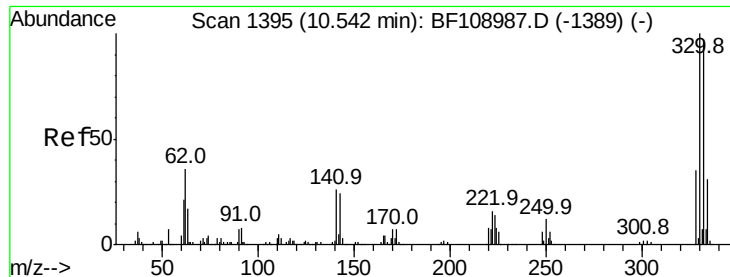
162 102.4 86.1 129.1

160 46.5 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

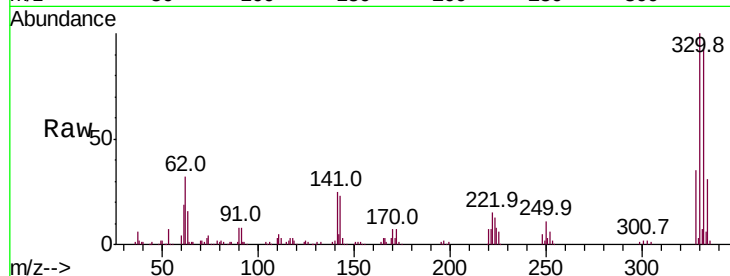




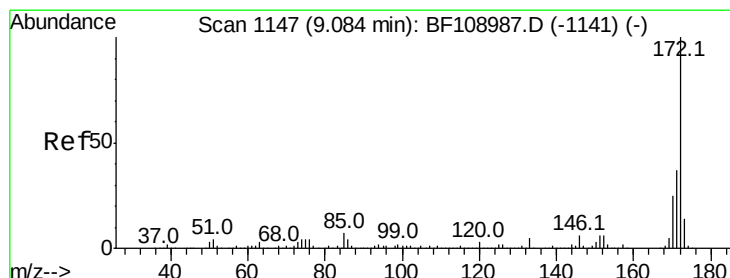
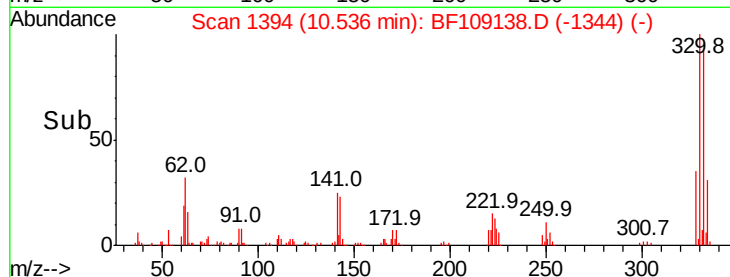
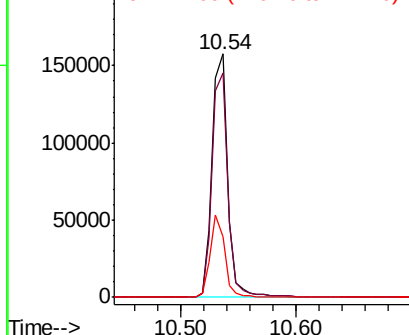
#41
 2,4,6-Tribromophenol
 Concen: 98.007 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.5	29.9	44.9

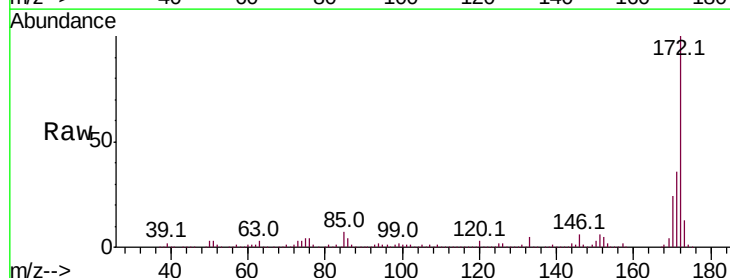


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

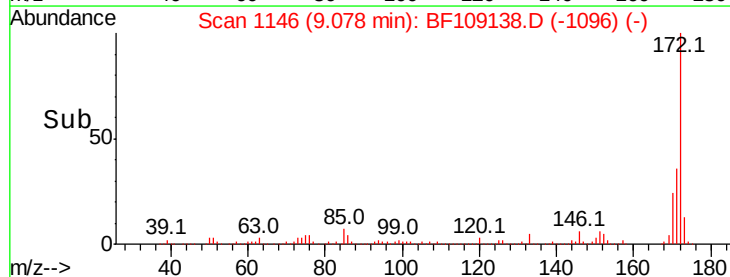
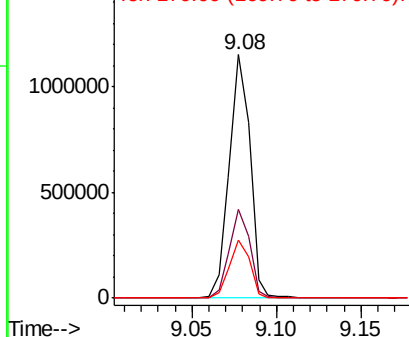


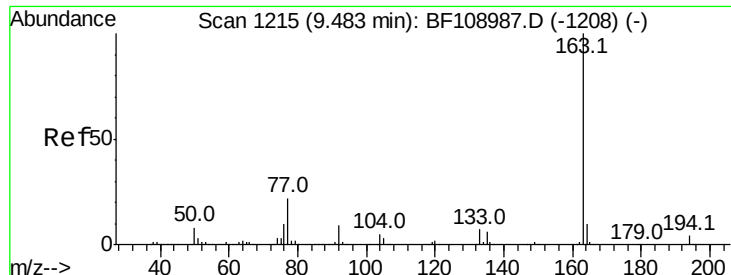
#44
 2-Fluorobiphenyl
 Concen: 111.400 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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

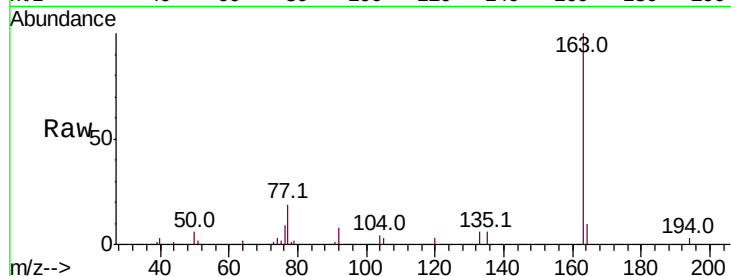




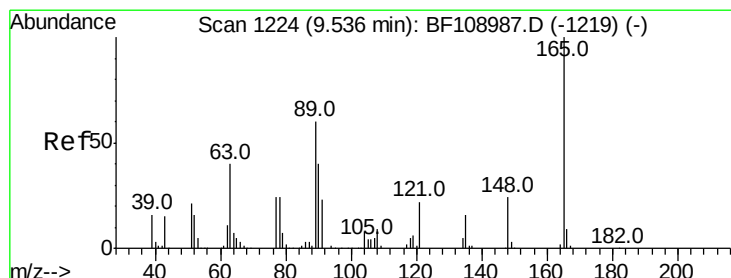
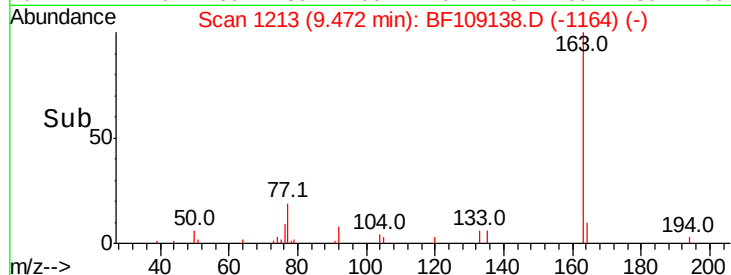
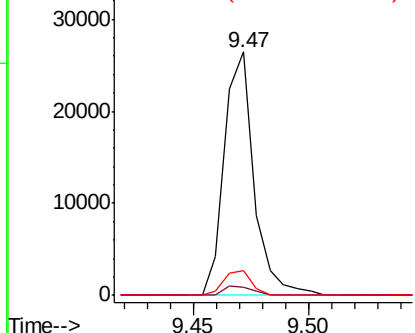
#49
Dimethylphthalate
Concen: 2.355 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 23552
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2

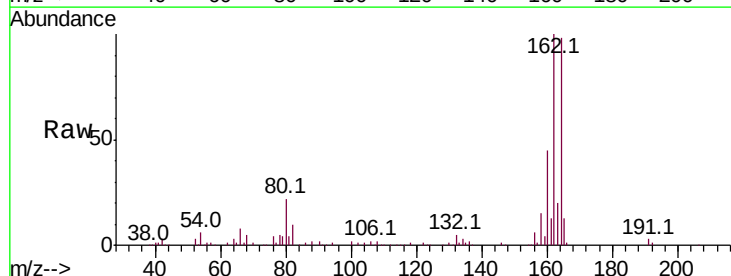


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

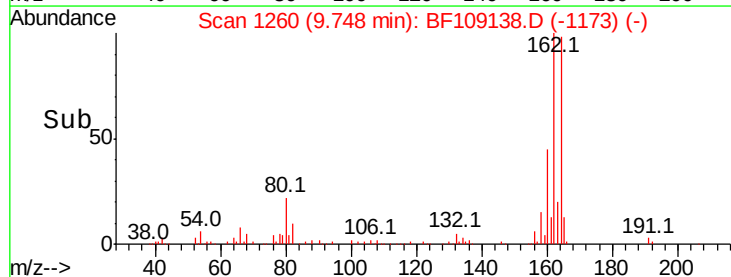
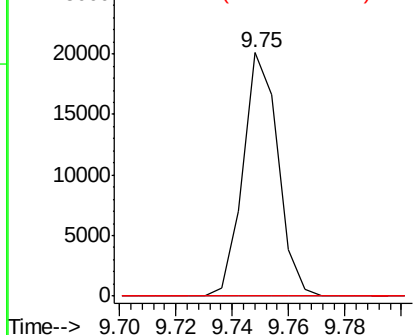


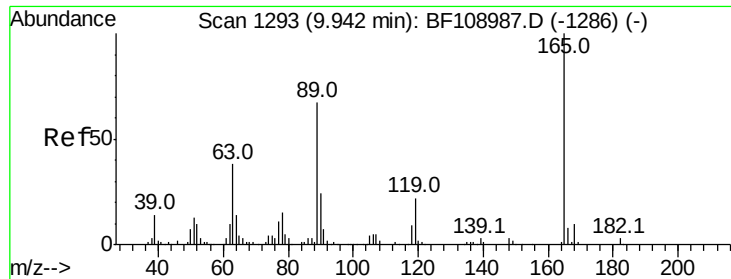
#50
2,6-Dinitrotoluene
Concen: 7.784 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109138.D
Acq: 19 Sep 2018 10:58

Tgt Ion:165 Resp: 17260
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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: 5.952 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109138.D

Acq: 19 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 17260

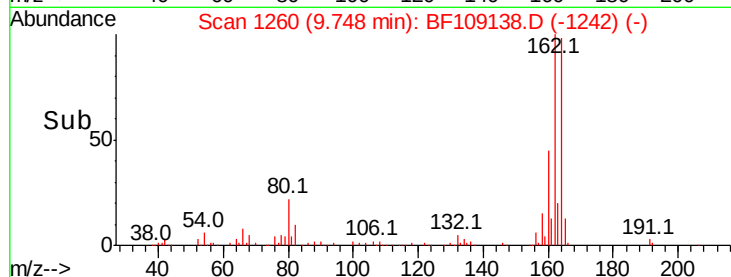
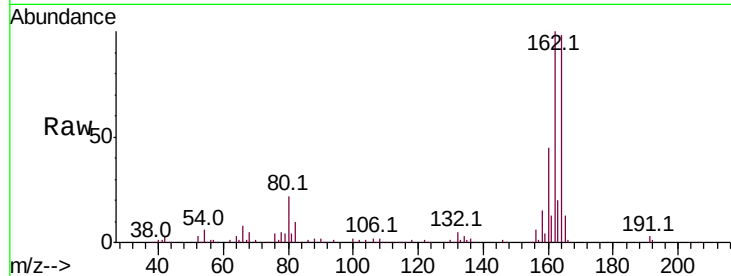
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

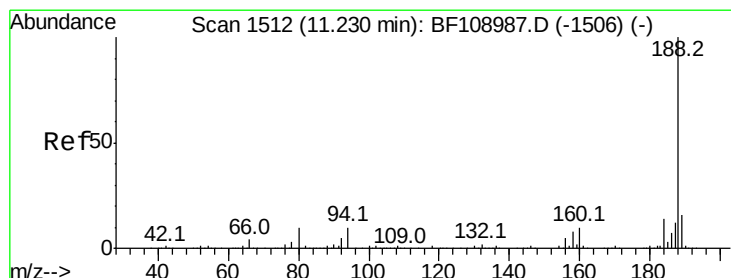
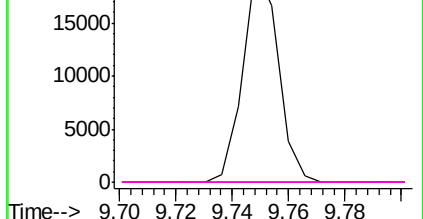


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF109138.D

Acq: 19 Sep 2018 10:58

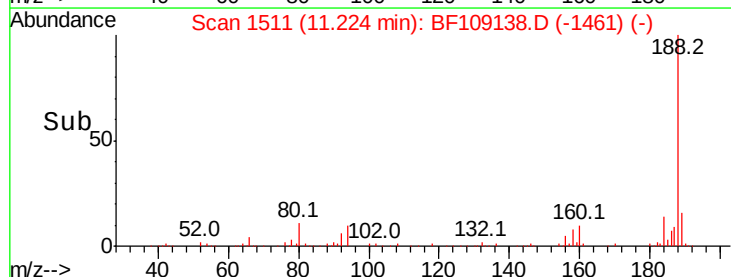
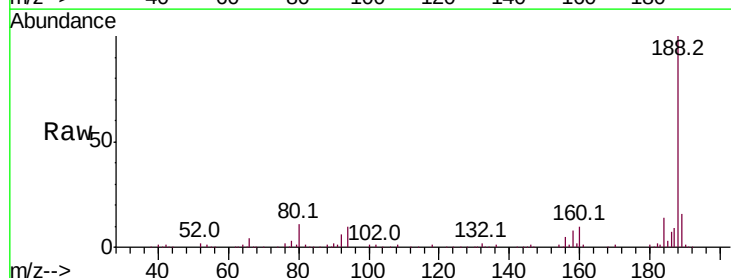
Tgt Ion:188 Resp: 270280

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

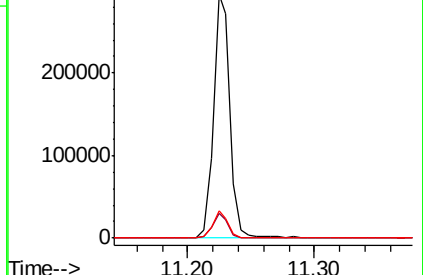
80 11.0 9.2 13.8

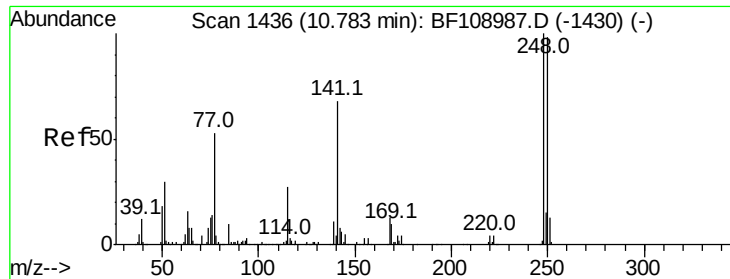


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

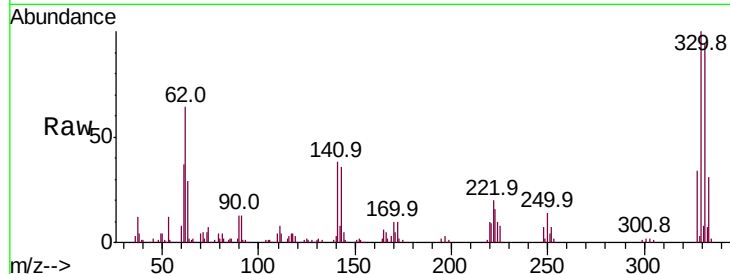




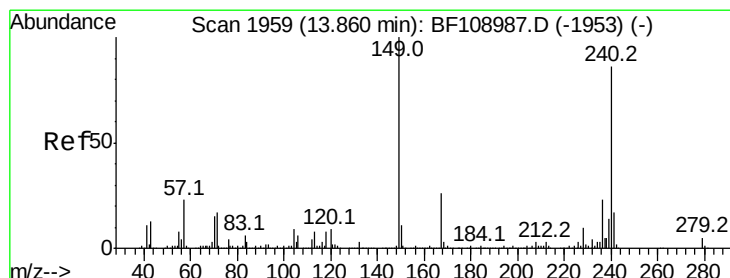
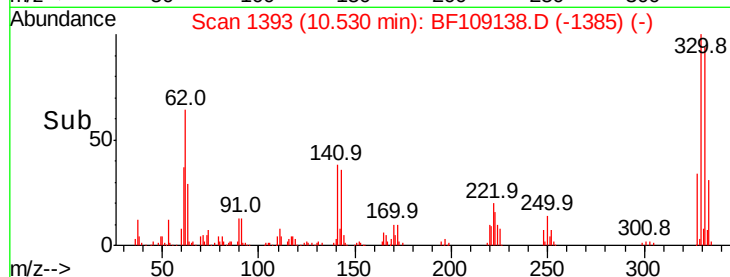
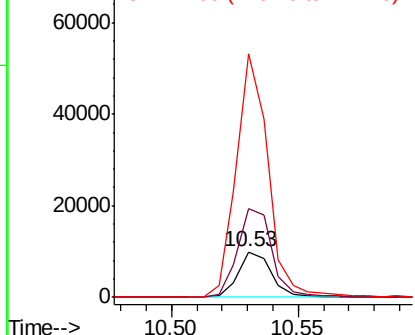
#66
 4-Bromophenyl-phenylether
 Concen: 2.920 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8897
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 537.3 74.4 111.6#

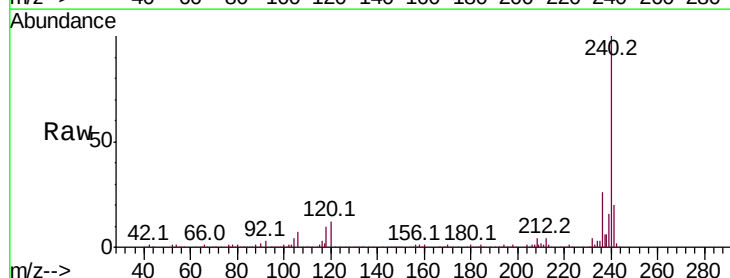


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

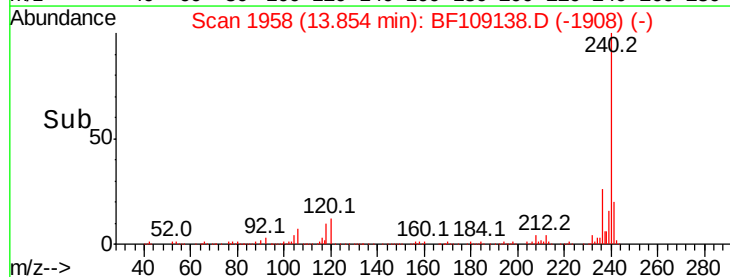
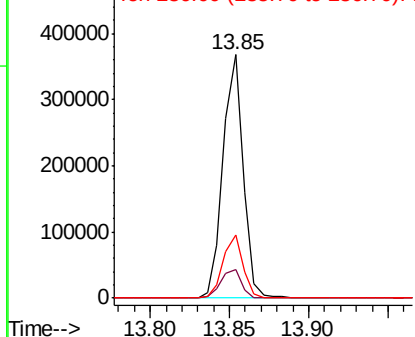


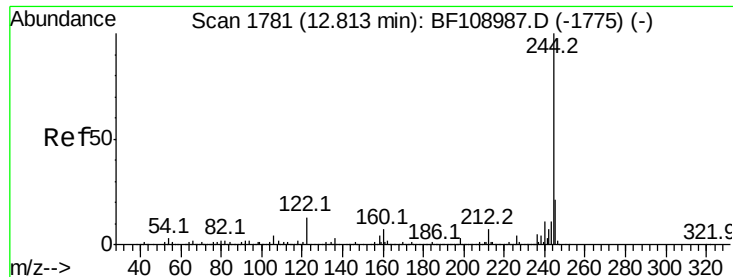
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Tgt Ion:240 Resp: 326543
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 26.0 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



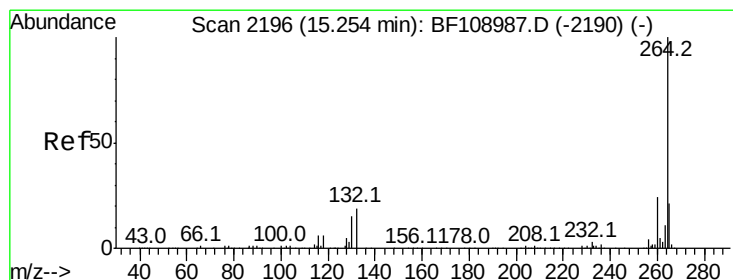
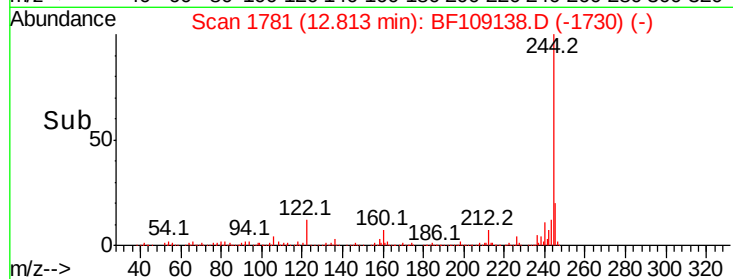
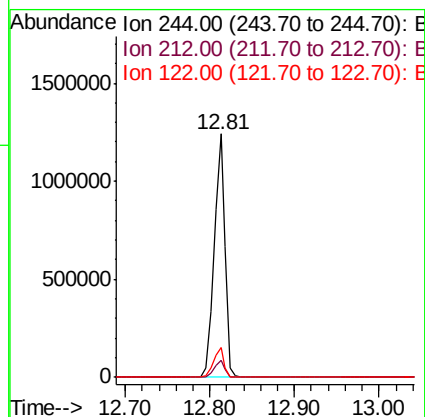
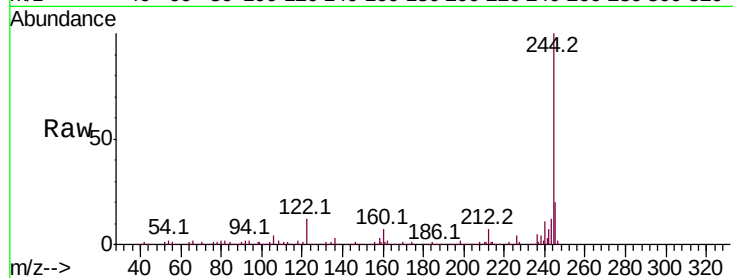


#78
 Terphenyl-d14
 Concen: 82.588 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109138.D
 Acq: 19 Sep 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1137791

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	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: BF109138.D
 Acq: 19 Sep 2018 10:58

Tgt Ion:264 Resp: 265114

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3

