

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109195.D
 Acq On : 20 Sep 2018 21:19
 Operator : JU/SJ
 Sample : J4998-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:12:26 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

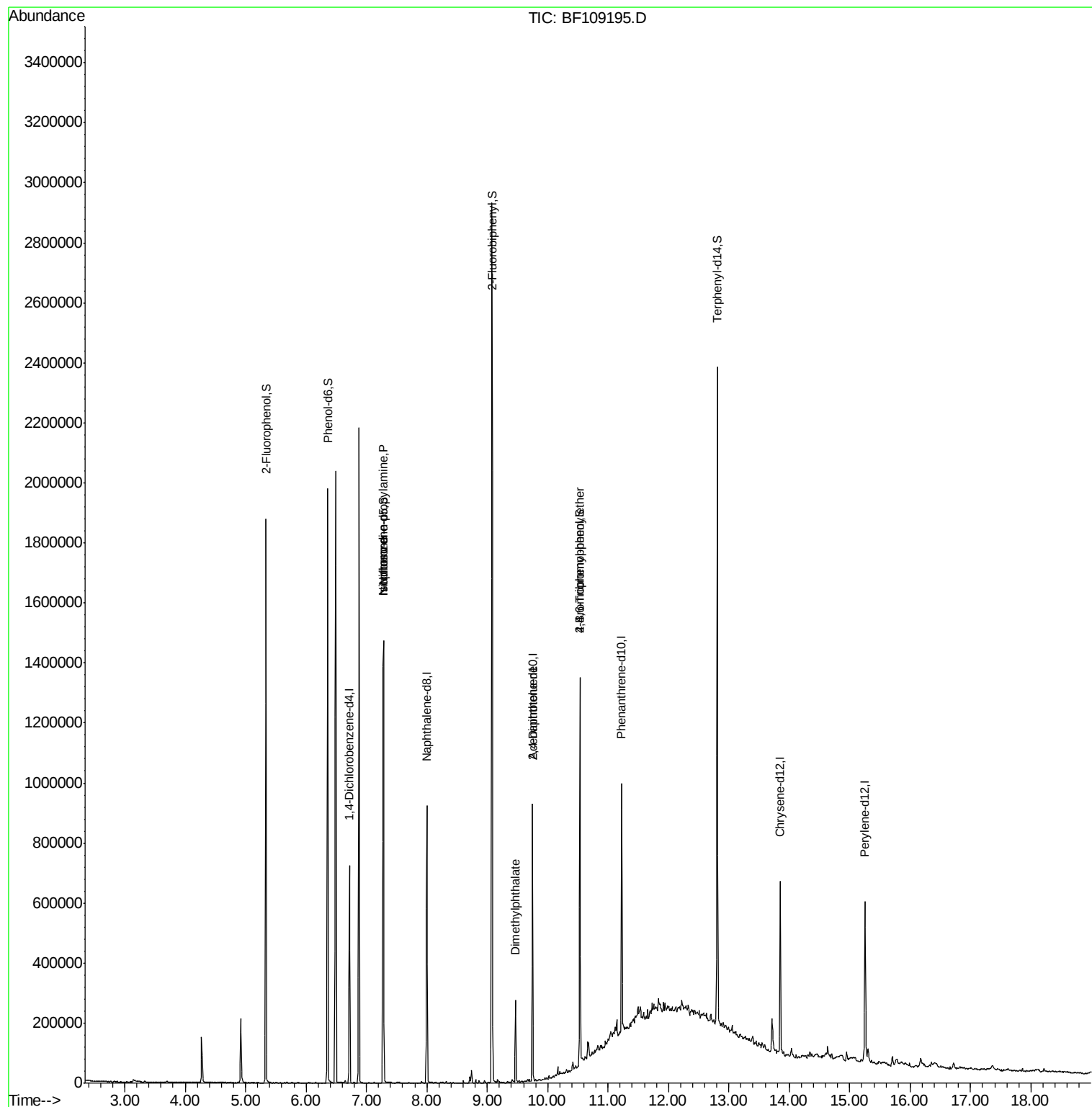
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	91245	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	373684	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	180845	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	298556	20.00	ng	0.00
75) Chrysene-d12	13.85	240	198970	20.00	ng	-0.01
86) Perylene-d12	15.25	264	228581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	525071	95.58	ng	0.01
7) Phenol-d6	6.36	99	718259	101.39	ng	0.00
23) Nitrobenzene-d5	7.28	82	534098	80.17	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	160947	82.00	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	919417	79.65	ng	0.00
78) Terphenyl-d14	12.81	244	744809	88.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	73912	15.785	ng	# 77
25) Isophorone	7.28	82	529528	46.237	ng	# 64
49) Dimethylphthalate	9.47	163	104218	8.063	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	23010	6.138	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9955	2.958	ng	# 1

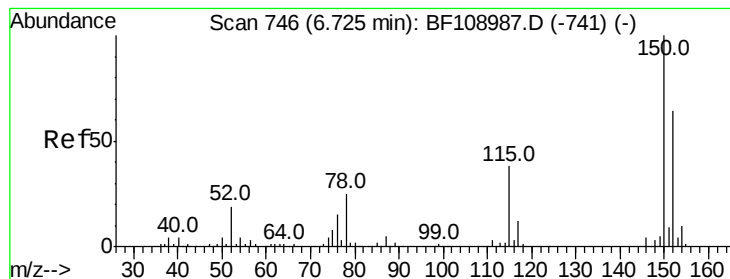
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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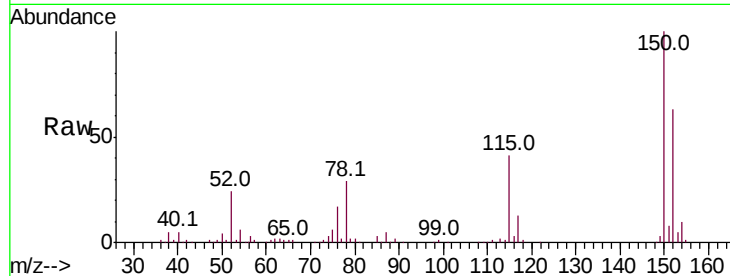


#1

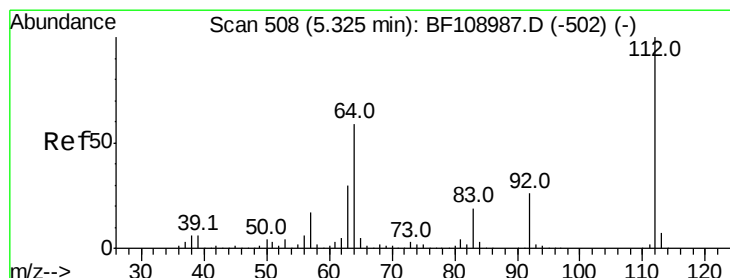
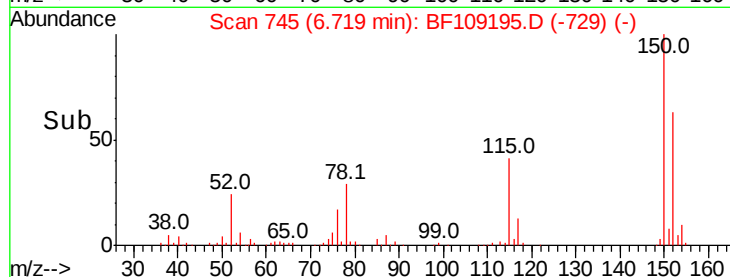
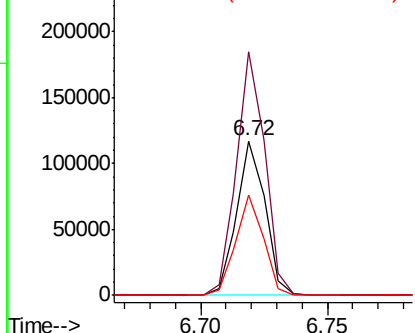
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109195.D
 Acq: 20 Sep 2018 21:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91245
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 64.8 50.1 75.1



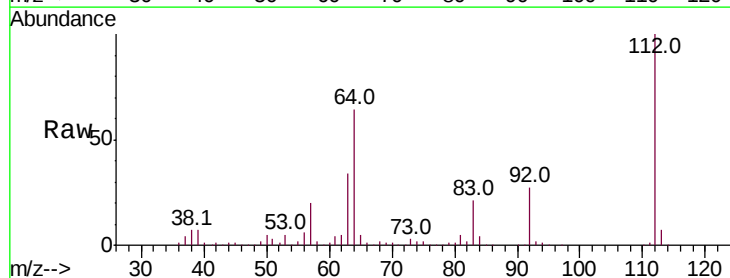
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



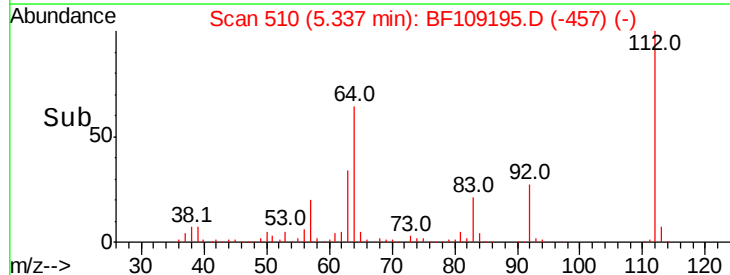
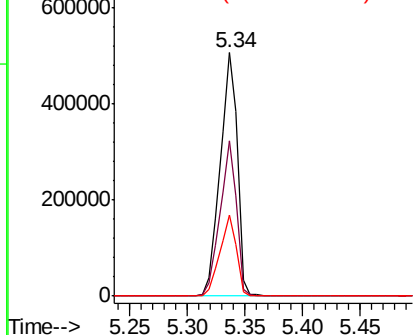
#5

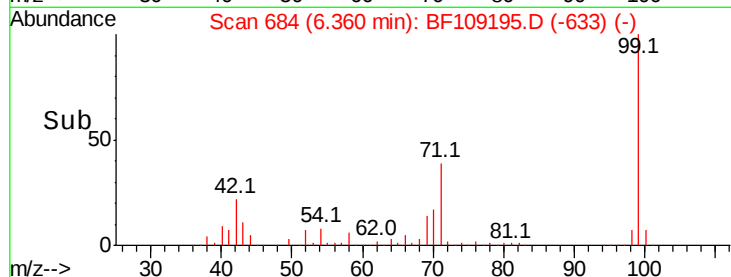
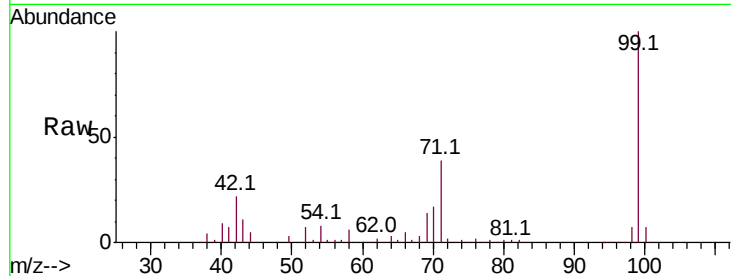
2-Fluorophenol
 Concen: 95.576 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109195.D
 Acq: 20 Sep 2018 21:19

Tgt Ion:112 Resp: 525071
 Ion Ratio Lower Upper
 112 100
 64 63.7 47.9 71.9
 63 33.5 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: 101.393 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

Instrument :

BNA_F

ClientSampleId :

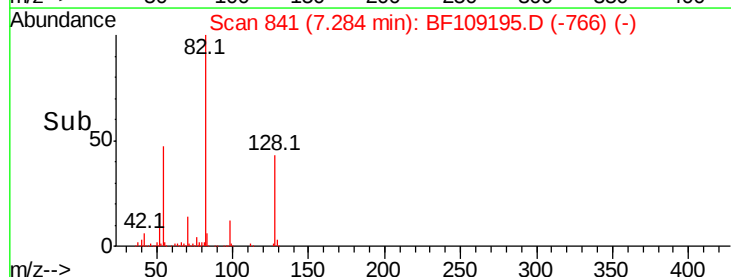
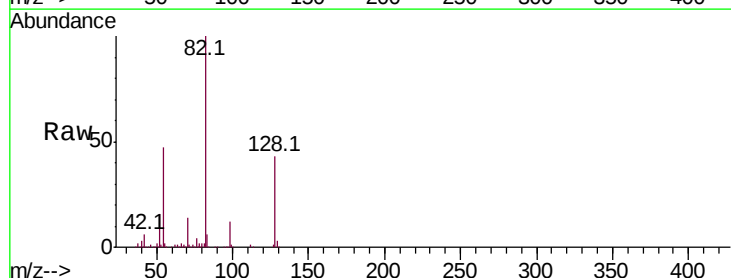
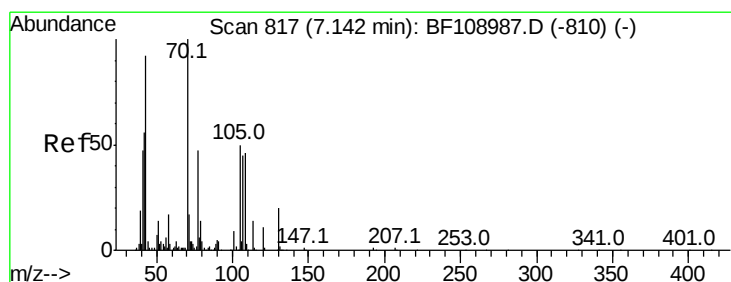
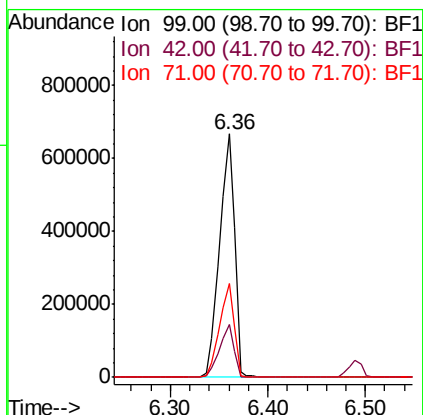
Tot Ion: 99 Resp: 718259

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 38.6 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 15.785 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

Tgt Ion: 70 Resp: 73912

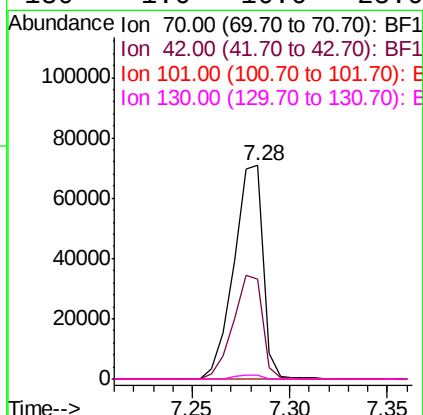
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.6 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: BF109195.D

Acq: 20 Sep 2018 21:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 373684

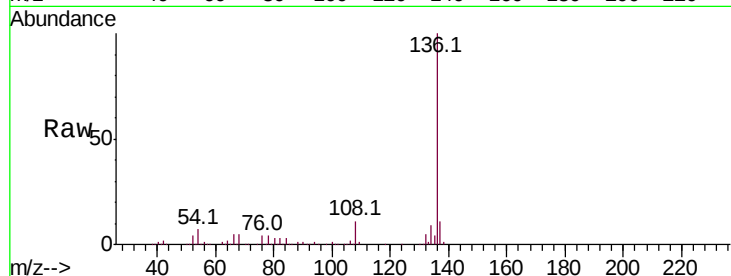
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.4 5.0 7.4

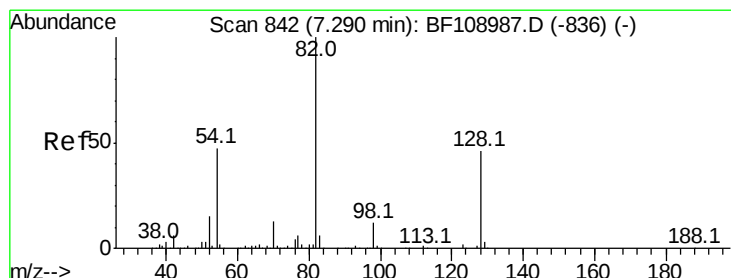
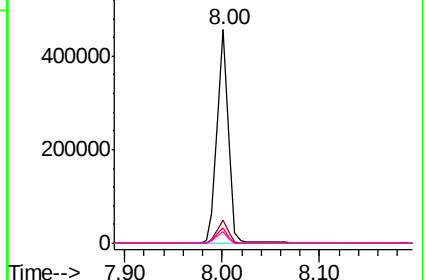
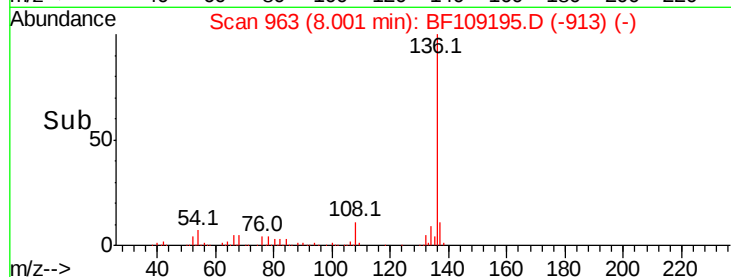


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.166 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

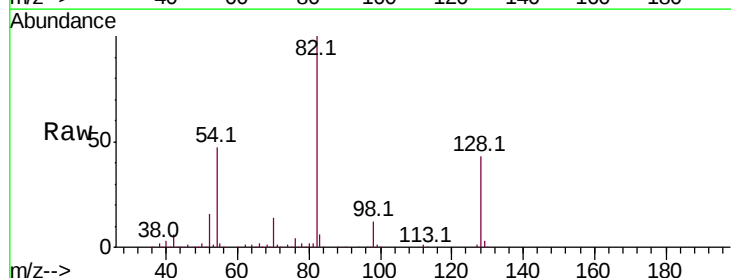
Tgt Ion: 82 Resp: 534098

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

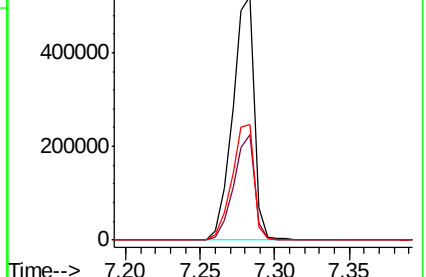
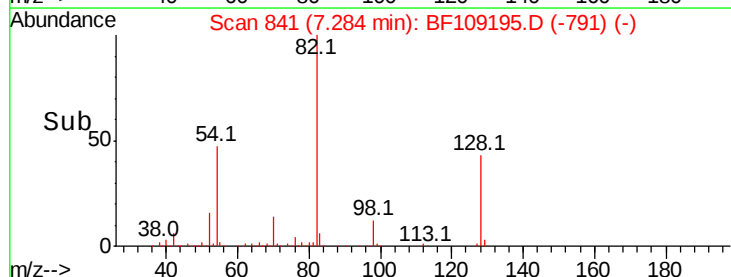
54 47.3 41.4 62.2

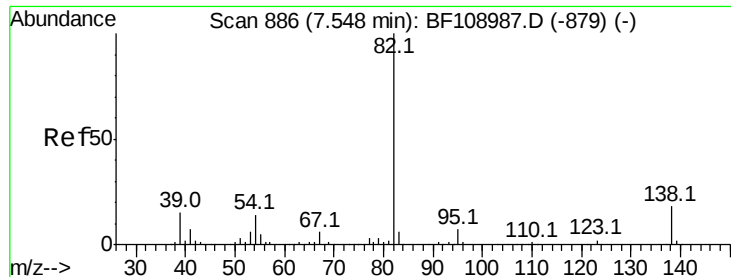


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.237 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

Instrument :

BNA_F

ClientSampleId :

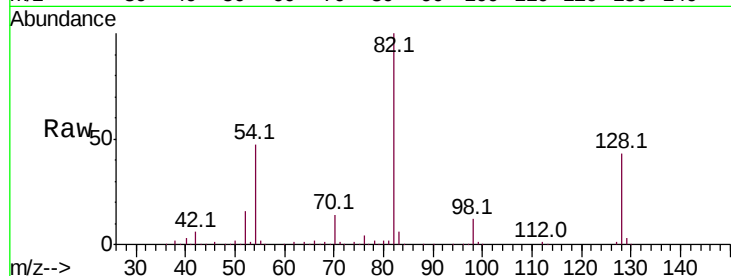
Tot Ion: 82 Resp: 529528

Ion Ratio Lower Upper

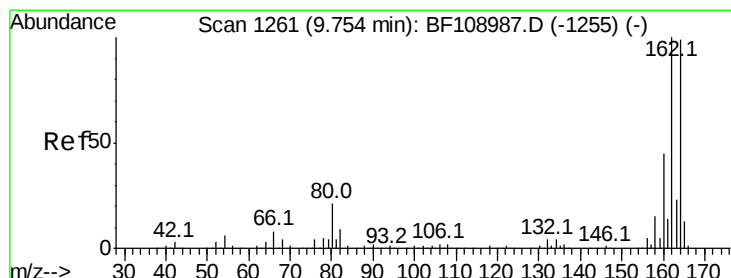
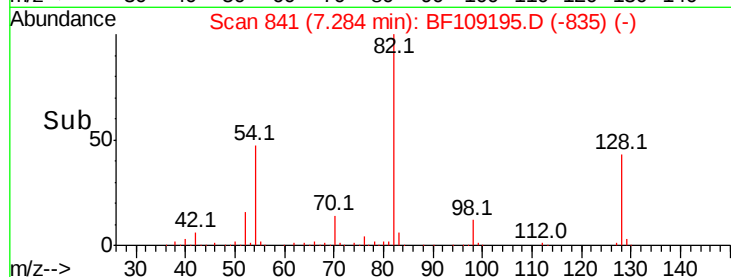
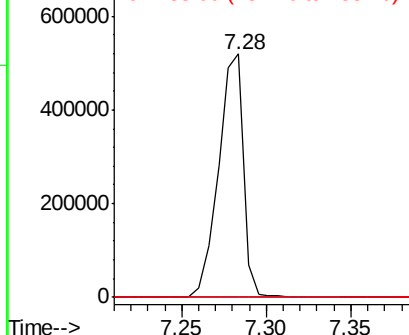
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

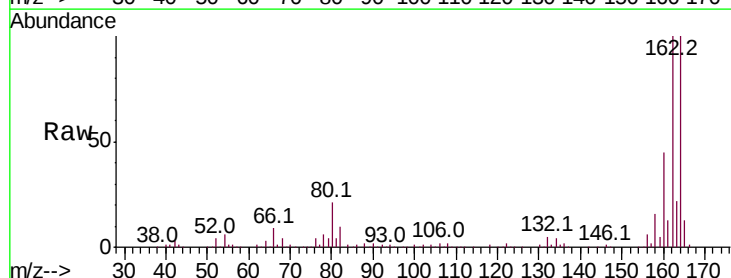
Tgt Ion:164 Resp: 180845

Ion Ratio Lower Upper

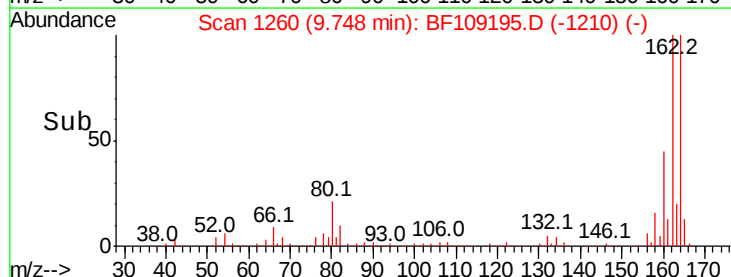
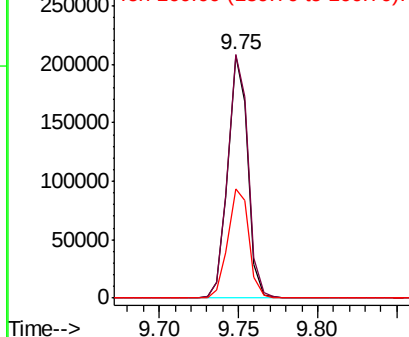
164 100

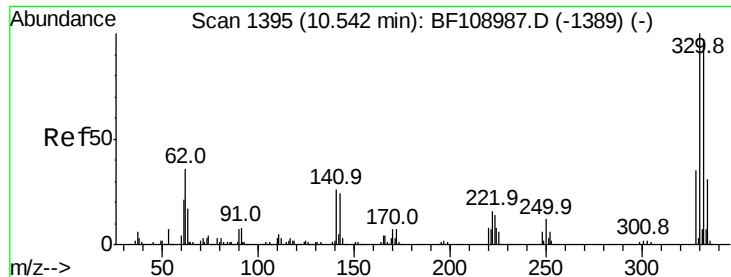
162 100.2 86.1 129.1

160 45.2 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

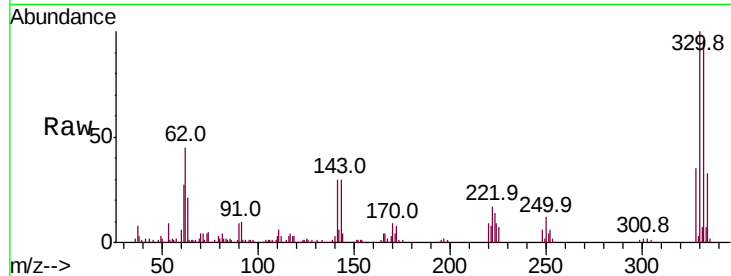




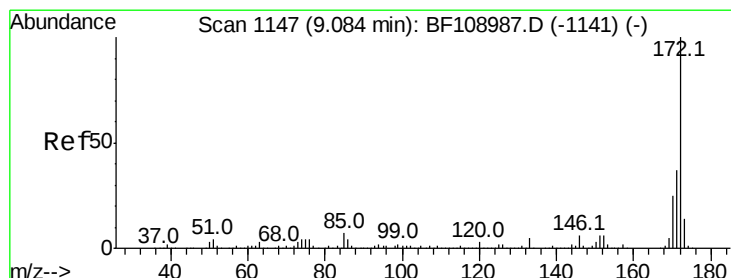
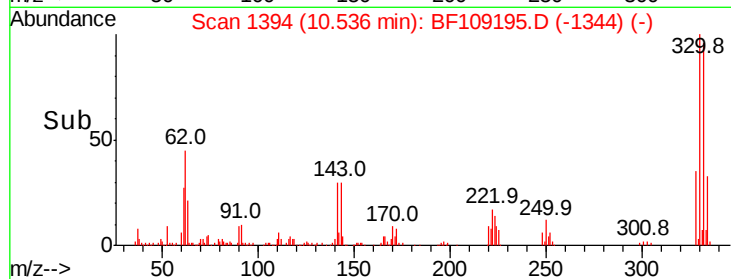
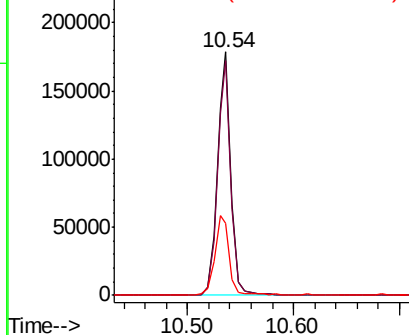
#41
 2,4,6-Tribromophenol
 Concen: 82.005 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109195.D
 Acq: 20 Sep 2018 21:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.2	29.9	44.9

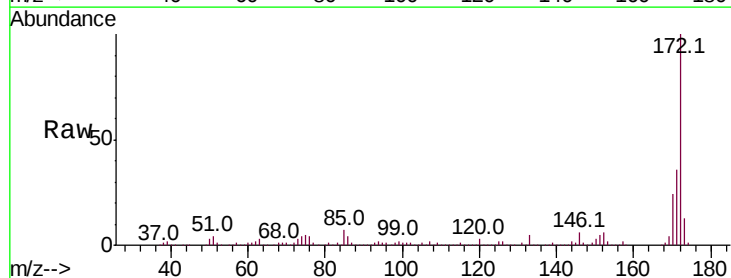


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

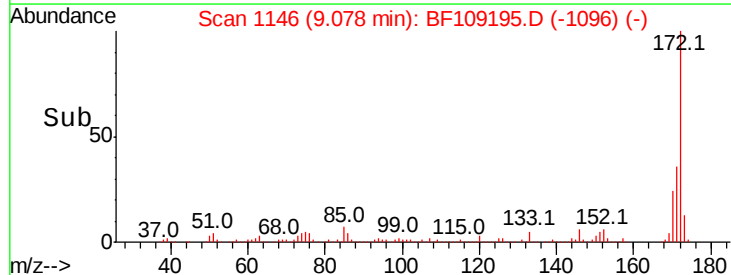
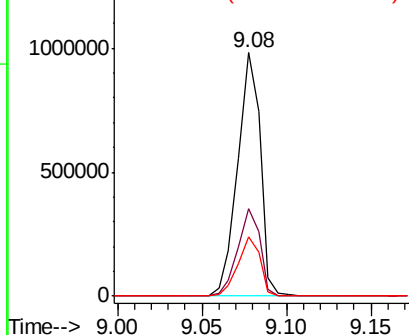


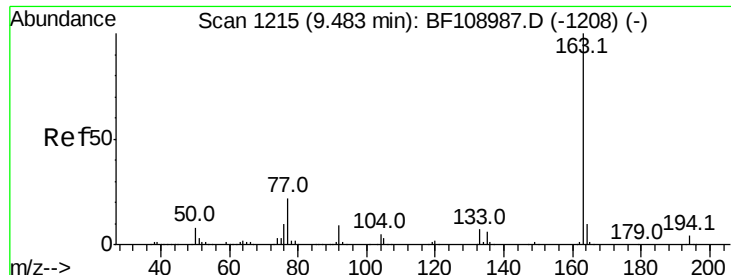
#44
 2-Fluorobiphenyl
 Concen: 79.653 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109195.D
 Acq: 20 Sep 2018 21:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	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

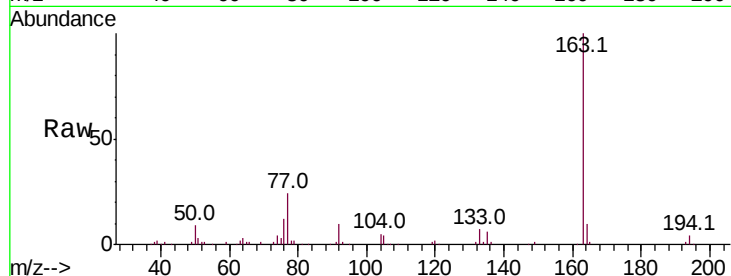




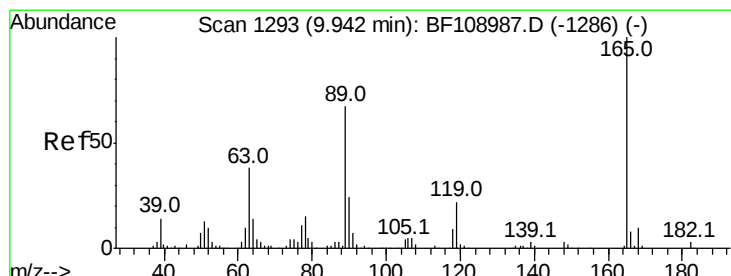
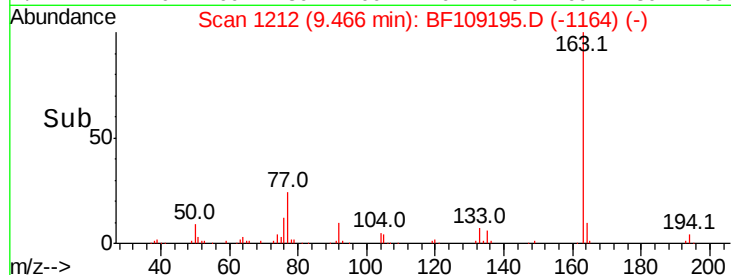
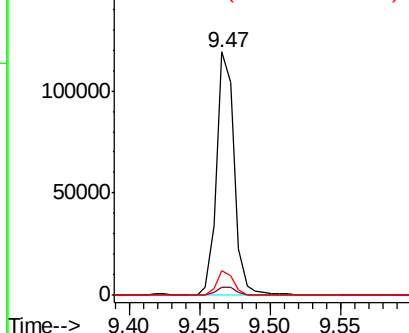
#49
Dimethylphthalate
Concen: 8.063 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 104218
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

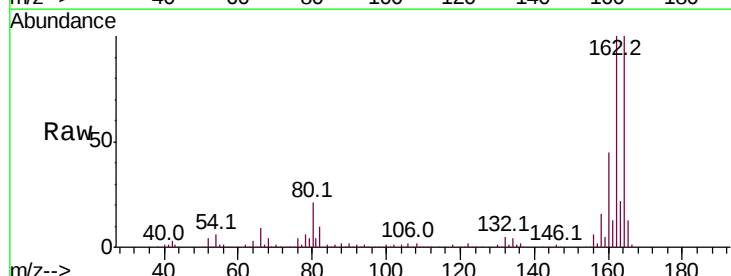


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

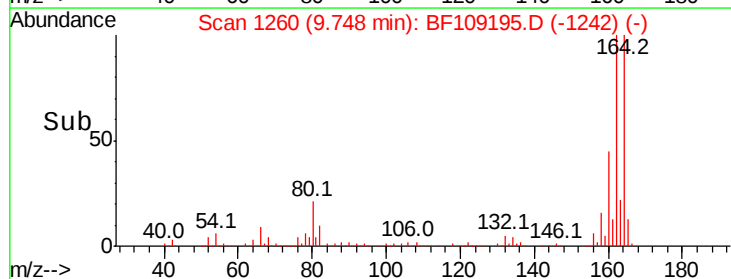
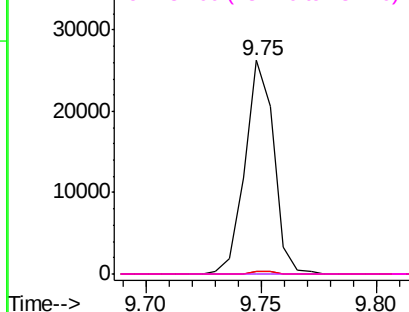


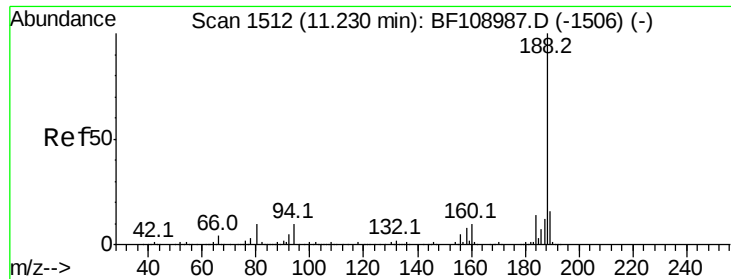
#56
2,4-Dinitrotoluene
Concen: 6.138 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:165 Resp: 23010
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.4 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

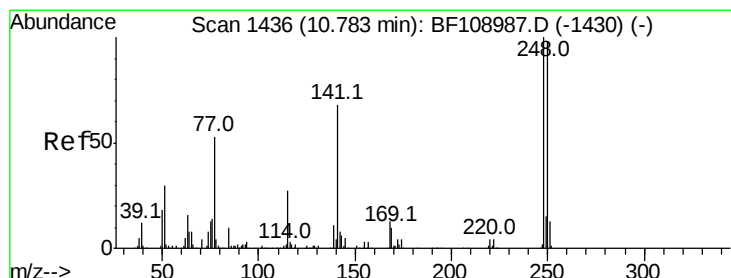
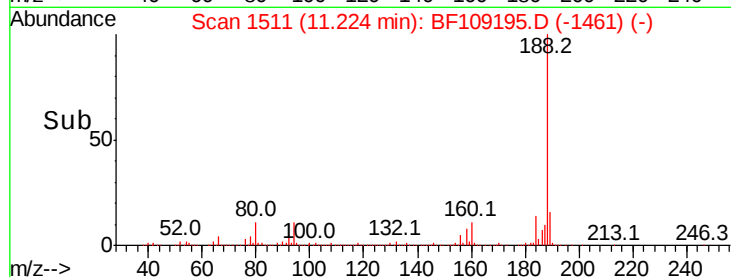
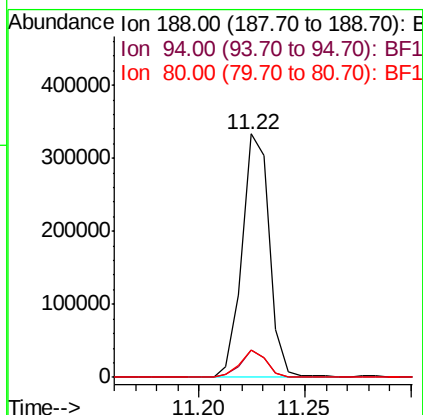
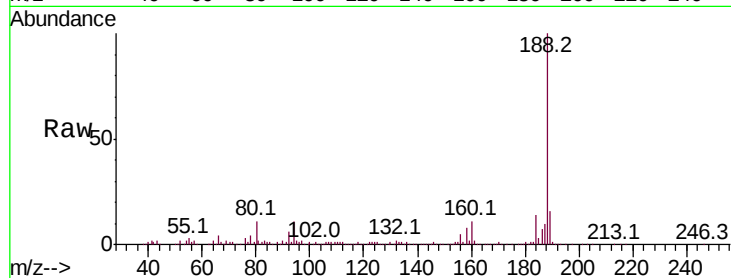




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

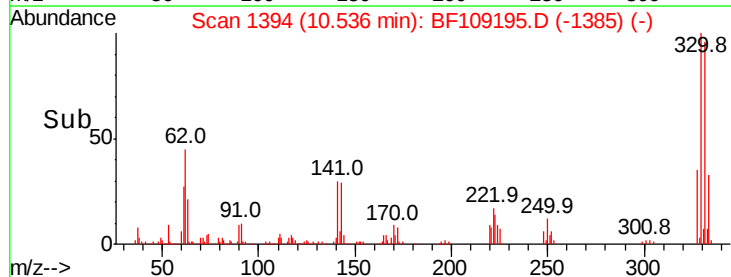
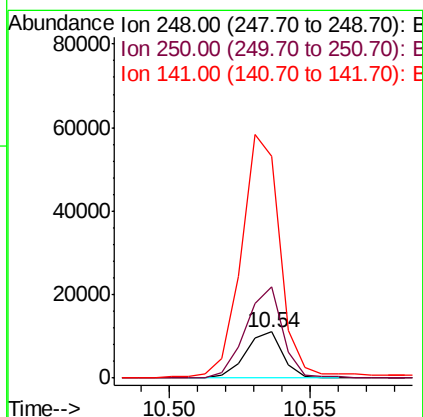
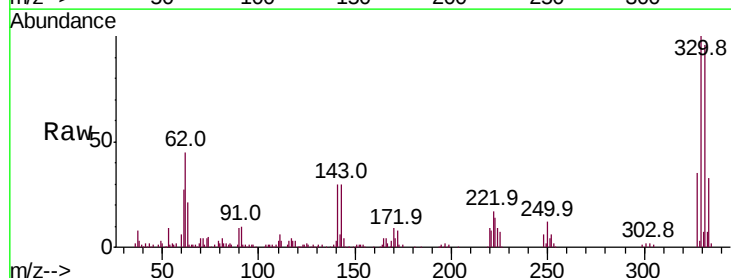
Instrument :
BNA_F
ClientSampleId :

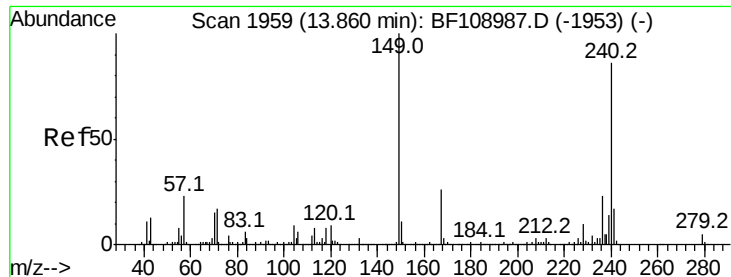
Tot Ion:188 Resp: 298556
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.958 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Tgt Ion:248 Resp: 9955
Ion Ratio Lower Upper
248 100
250 196.9 76.9 115.3#
141 477.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

Instrument :

BNA_F

ClientSampled :

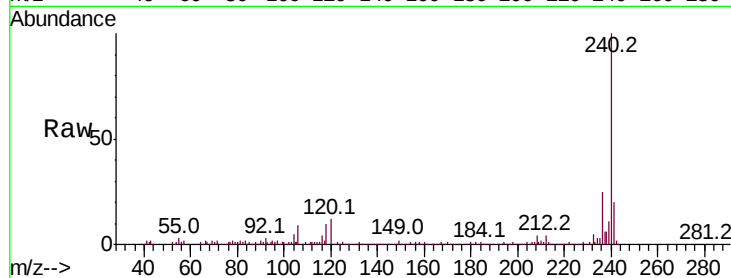
Tot Ion:240 Resp: 198970

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

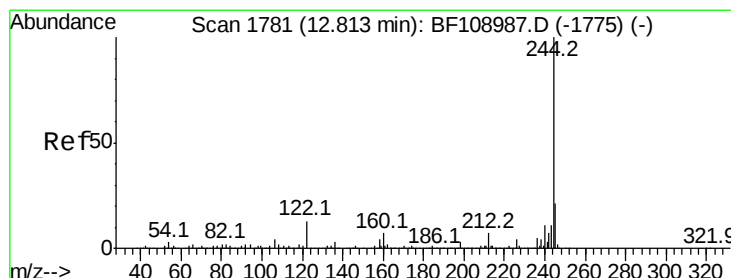
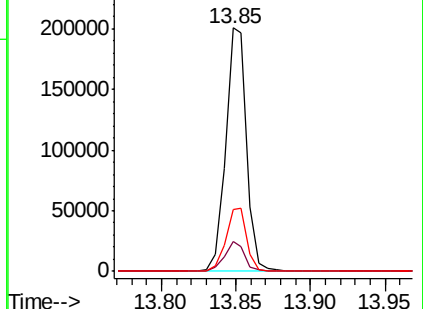
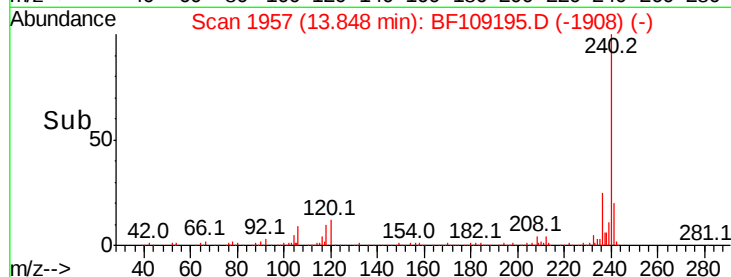
236 25.4 20.7 31.1



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: 88.727 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109195.D

Acq: 20 Sep 2018 21:19

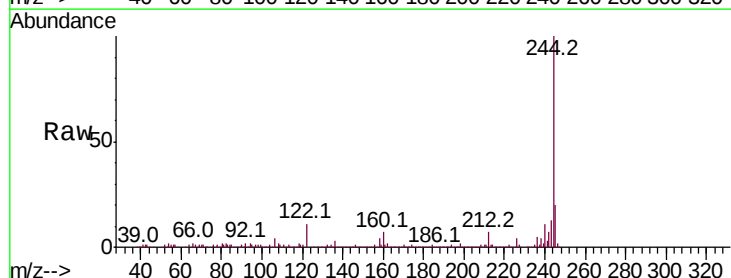
Tgt Ion:244 Resp: 744809

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

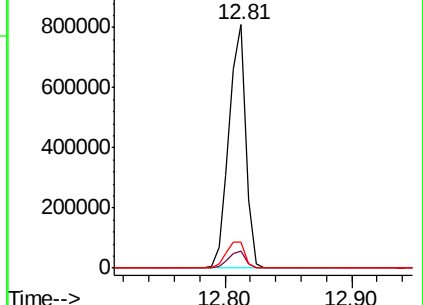
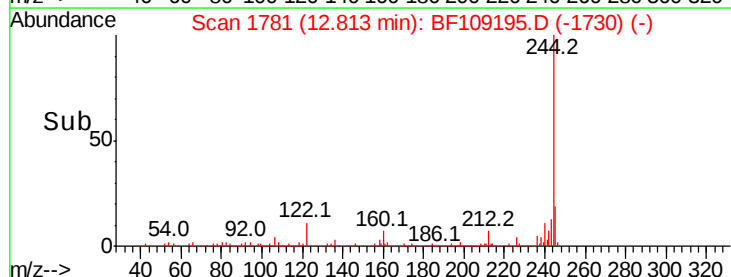
122 10.8 11.0 16.4#

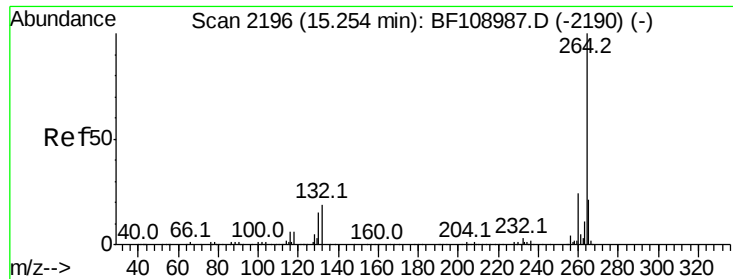


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109195.D
Acq: 20 Sep 2018 21:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3

