

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109057.D
 Acq On : 17 Sep 2018 19:18
 Operator : JU/SJ
 Sample : J4945-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Quant Time: Sep 18 02:24:56 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

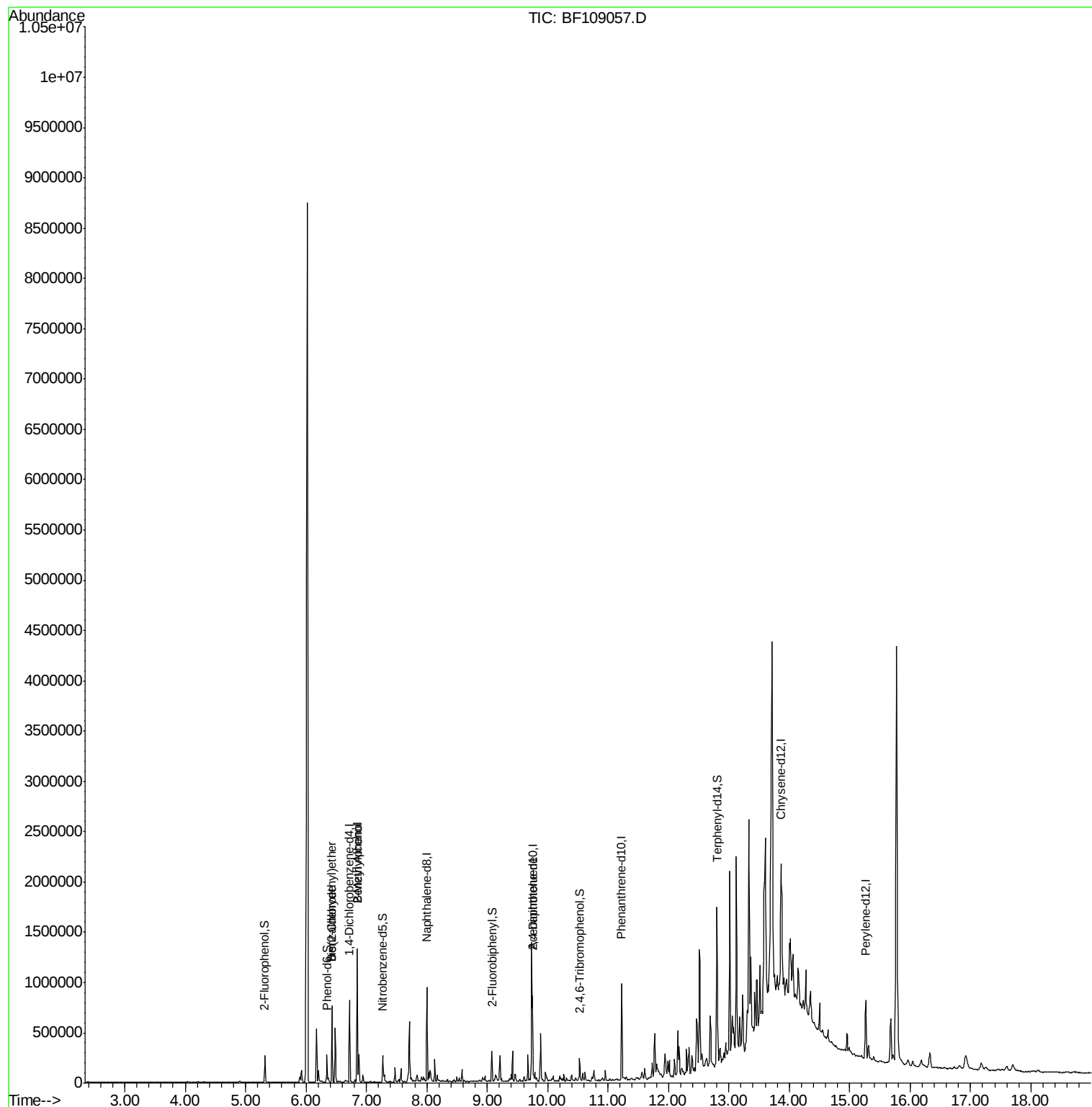
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108976	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	374638	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162532	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	347380	20.00	ng	0.00
75) Chrysene-d12	13.86	240	341490	20.00	ng	0.00
86) Perylene-d12	15.27	264	256864	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	69135	10.54	ng	0.00
7) Phenol-d6	6.34	99	83800	9.90	ng	-0.02
23) Nitrobenzene-d5	7.27	82	47785	7.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	19159	10.86	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	89709	8.65	ng	0.00
78) Terphenyl-d14	12.81	244	108482	7.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	37146	6.874	ng	# 9
11) bis(2-Chloroethyl)ether	6.43	93	151496	20.228	ng	# 22
15) Benzyl Alcohol	6.85	79	66911	10.417	ng	# 54
17) 2-Methylphenol	6.85	107	33800	5.642	ng	# 1
56) 2,4-Dinitrotoluene	9.75	165	21112	6.266	ng	# 22

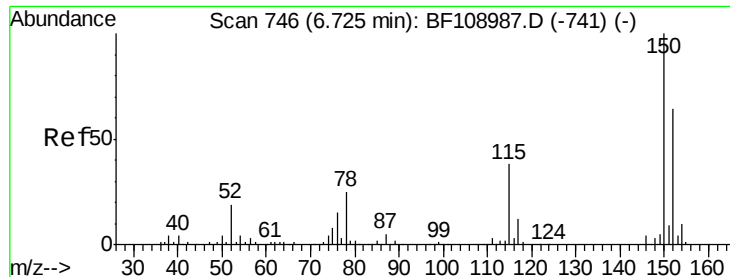
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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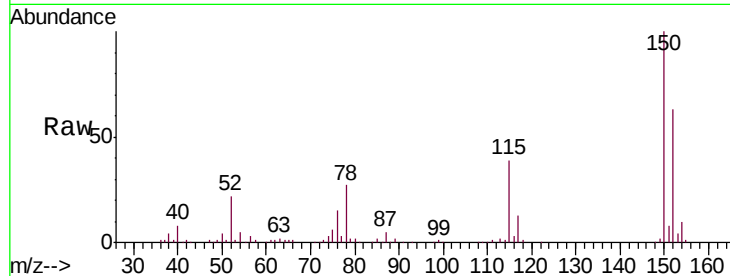




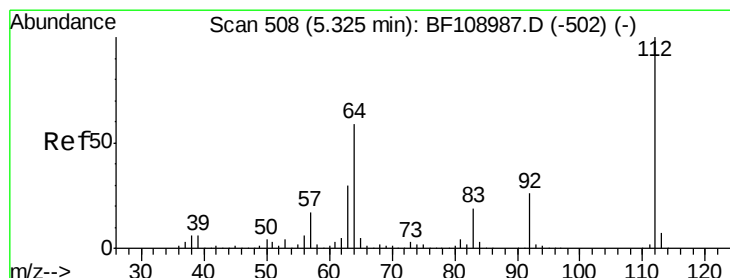
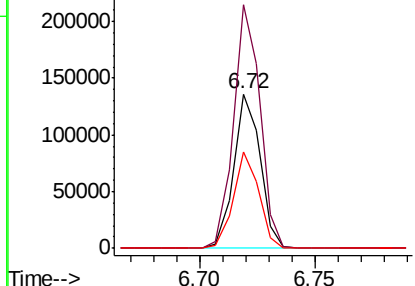
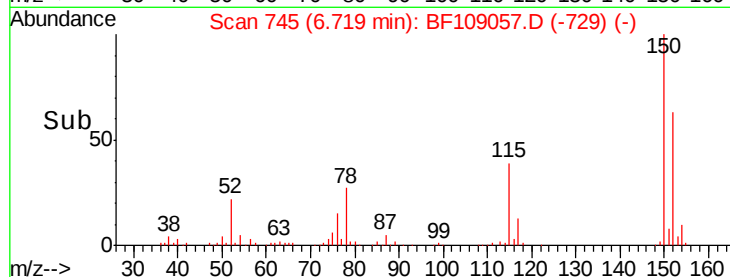
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tgt Ion:152 Resp: 108976
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 62.0 50.1 75.1

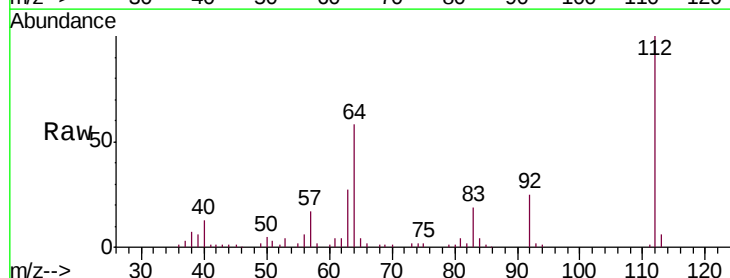


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

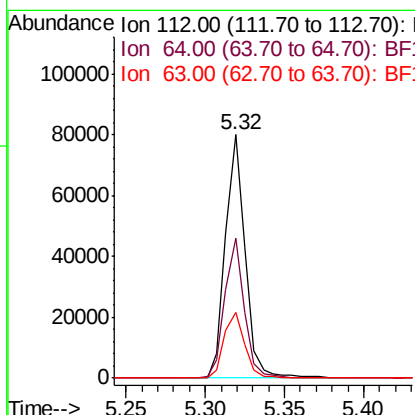
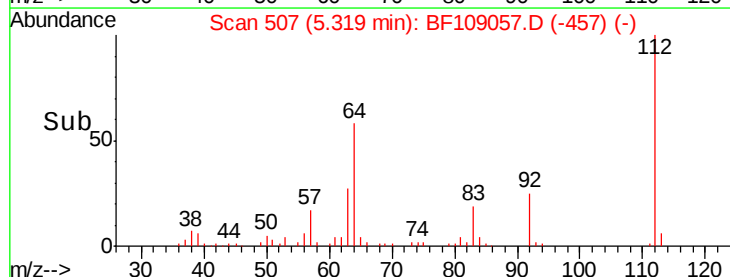


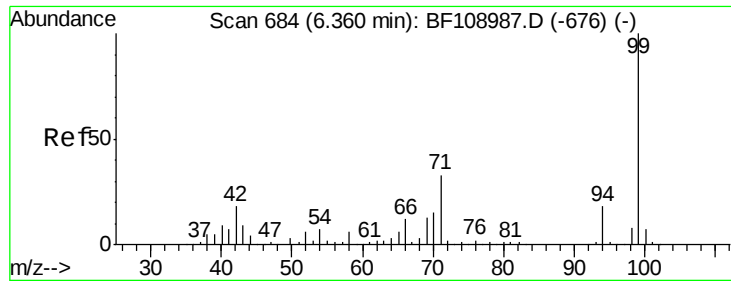
#5
 2-Fluorophenol
 Concen: 10.537 ng
 RT: 5.32 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion:112 Resp: 69135
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 27.2 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: 9.905 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

Instrument :

BNA_F

ClientSampled :

RB47195RT

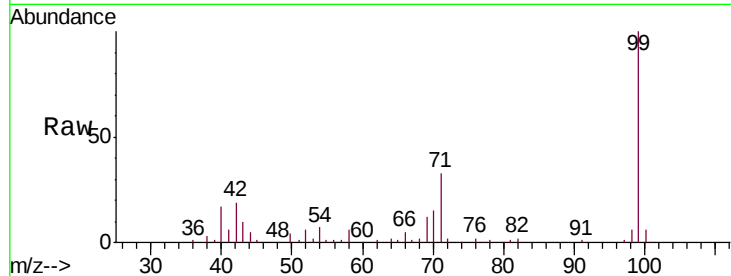
Tgt Ion: 99 Resp: 83800

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

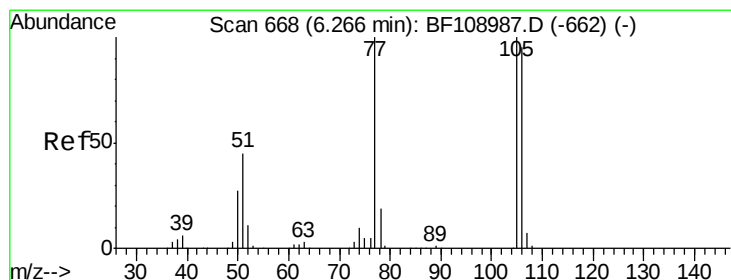
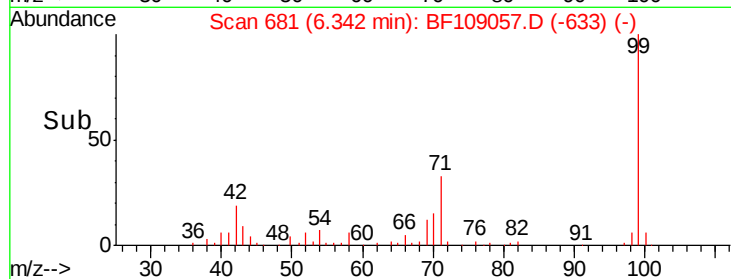
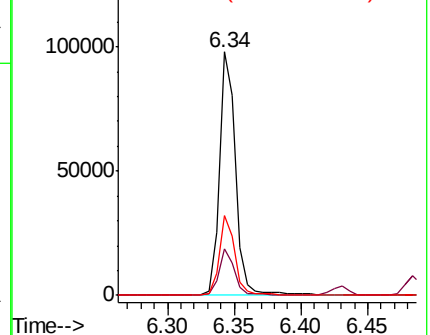
71 32.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 6.874 ng

RT: 6.43 min Scan# 696

Delta R.T. 0.16 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

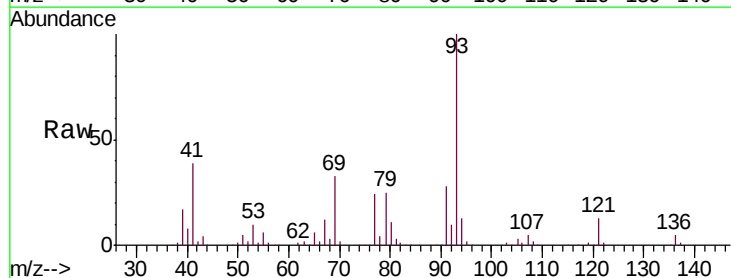
Tgt Ion: 77 Resp: 37146

Ion Ratio Lower Upper

77 100

105 13.4 81.1 121.1#

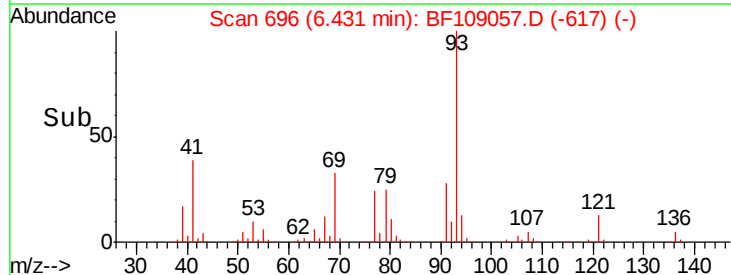
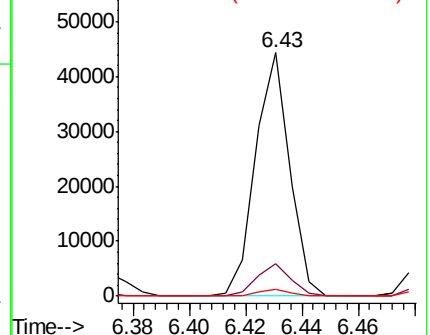
106 2.5 74.5 114.5#

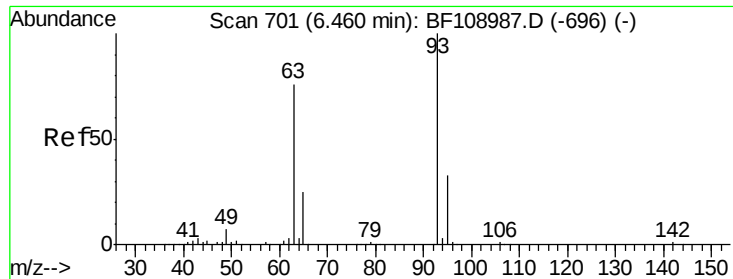


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

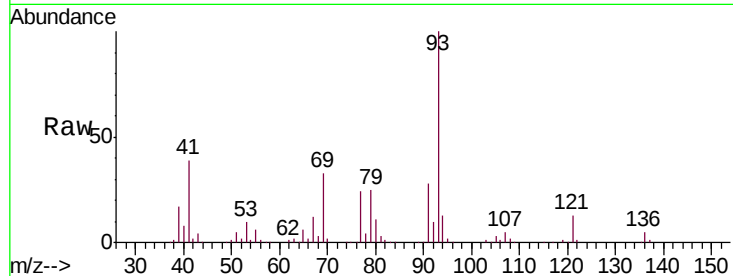




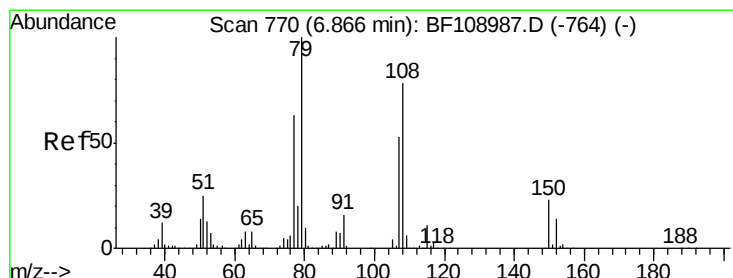
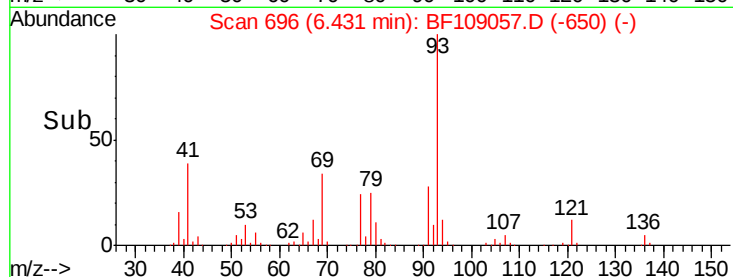
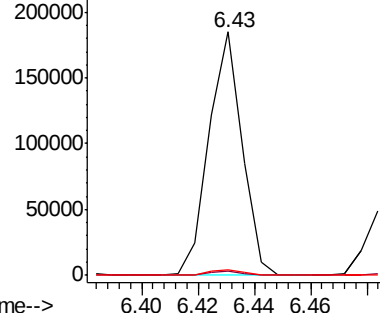
#11
 bis(2-Chloroethyl)ether
 Concen: 20.228 ng
 RT: 6.43 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tgt Ion:	93	Resp:	151496
Ion	Ratio	Lower	Upper
93	100		
63	1.9	58.6	98.6#
95	2.3	11.8	51.8#

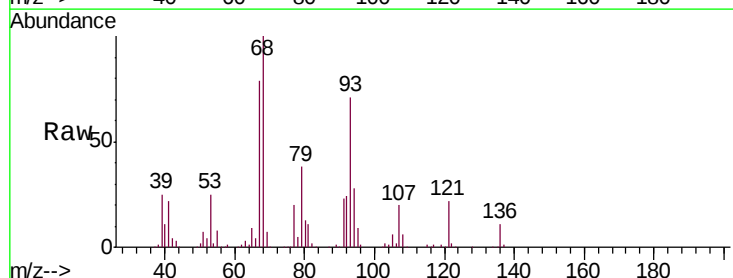


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

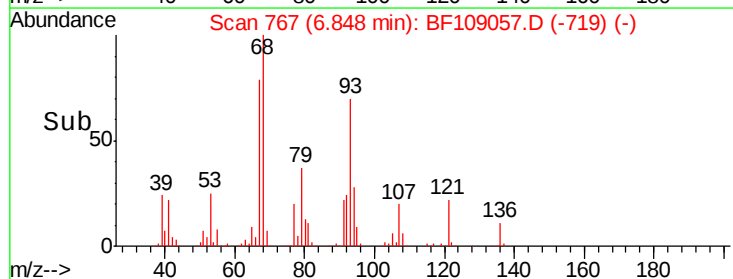
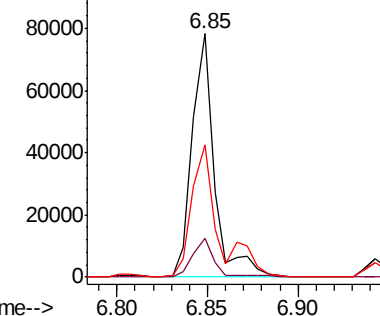


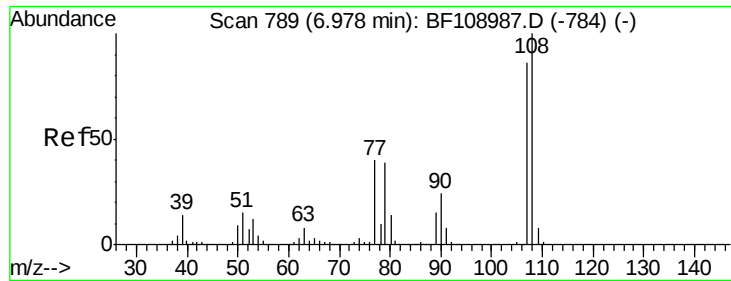
#15
 Benzyl Alcohol
 Concen: 10.417 ng
 RT: 6.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion:	79	Resp:	66911
Ion	Ratio	Lower	Upper
79	100		
108	15.8	65.1	97.7#
77	54.5	50.6	75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 108.00 (107.70 to 108.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

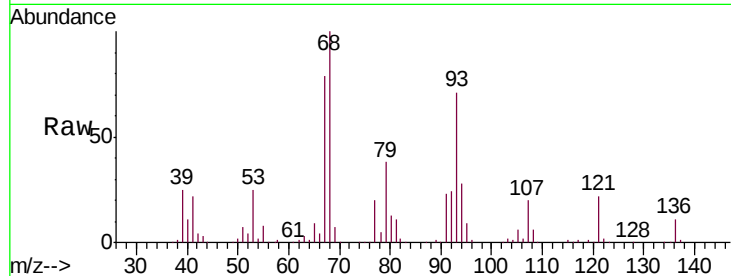




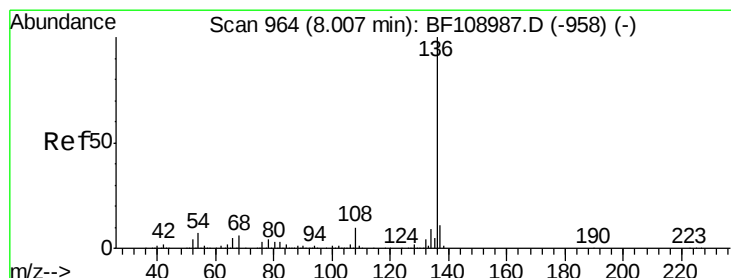
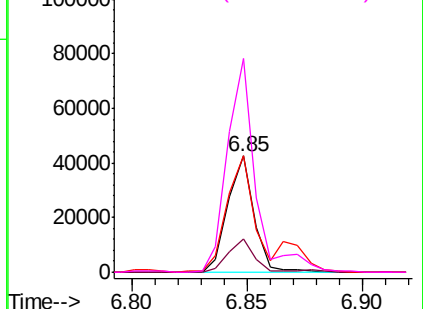
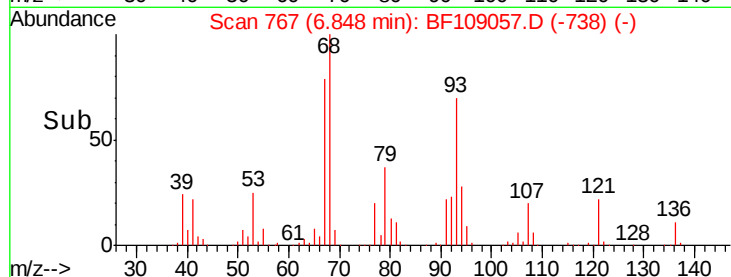
#17
 2-Methylphenol
 Concen: 5.642 ng
 RT: 6.85 min Scan# 767
 Delta R.T. -0.13 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleID :
 RB47195RT

Tgt Ion:107 Resp: 33800
 Ion Ratio Lower Upper
 107 100
 108 29.0 91.7 137.5#
 77 100.2 33.8 50.8#
 79 183.7 33.8 50.8#

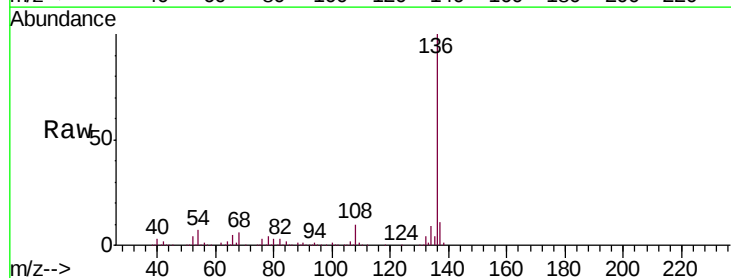


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

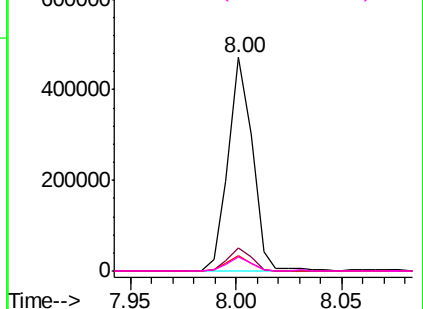
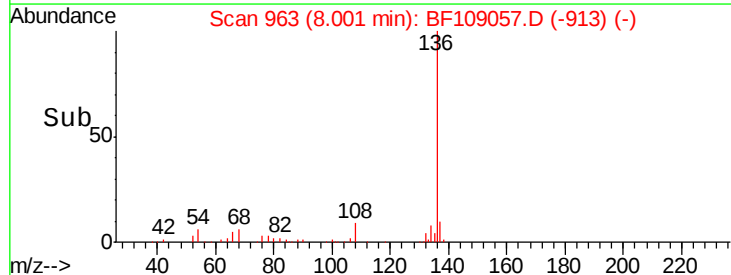


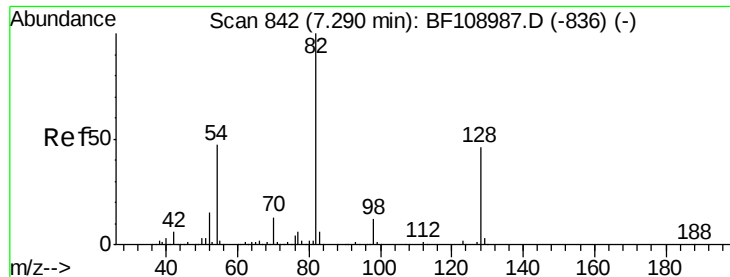
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion:136 Resp: 374638
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.9 13.3
 54 7.1 6.6 9.8
 68 6.4 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

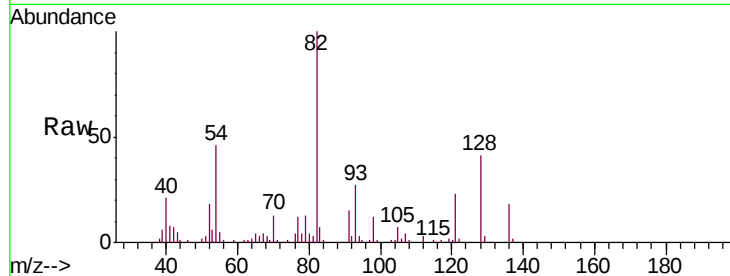




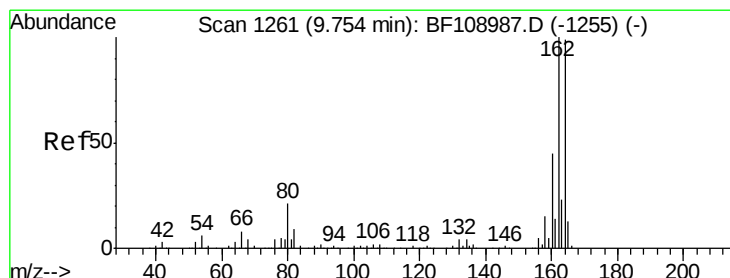
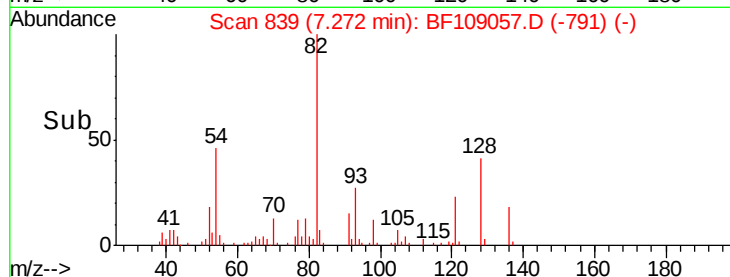
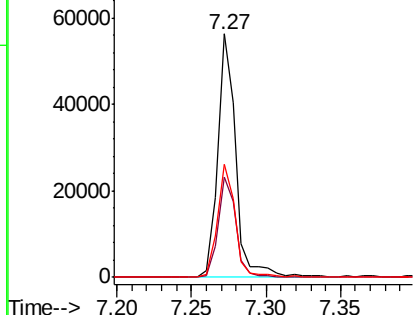
#23
 Nitrobenzene-d5
 Concen: 7.154 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tgt Ion: 82 Resp: 47785
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.1 54.1
 54 46.2 41.4 62.2

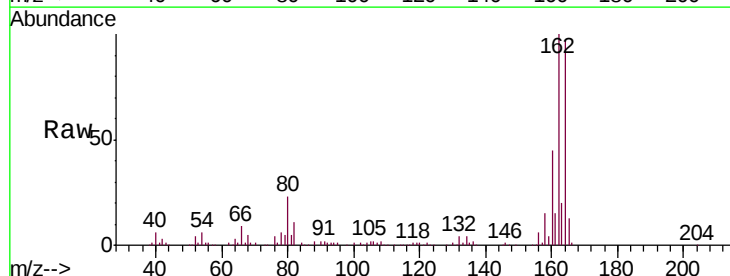


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

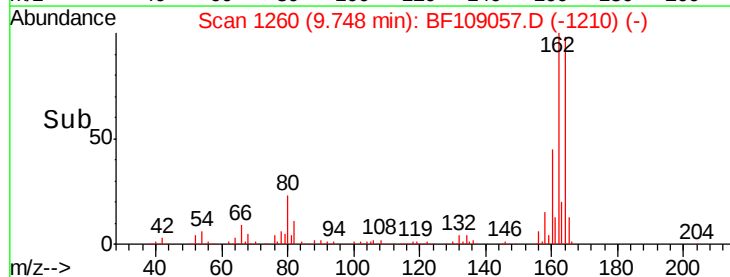
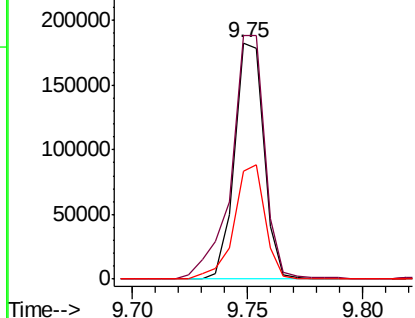


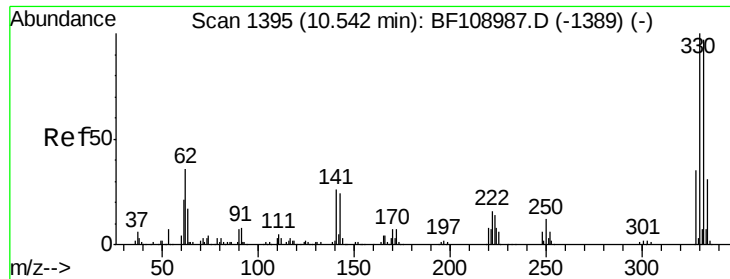
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion: 164 Resp: 162532
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 45.8 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

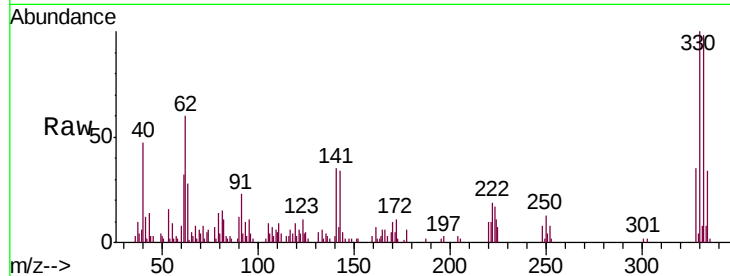




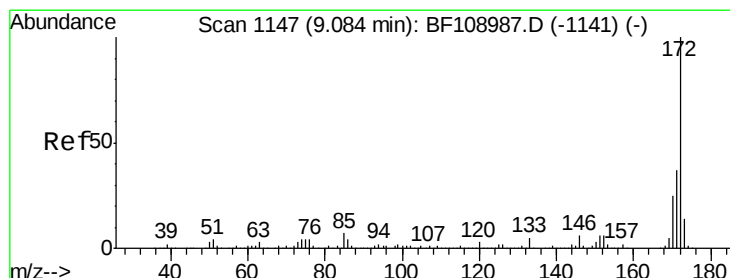
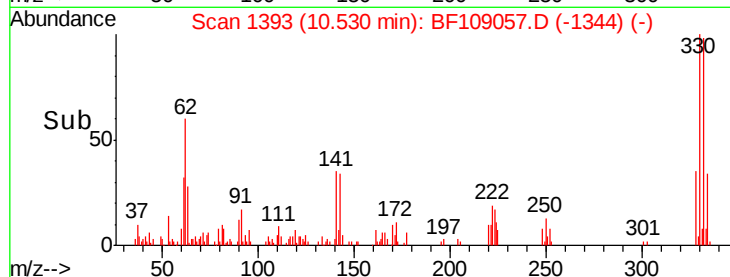
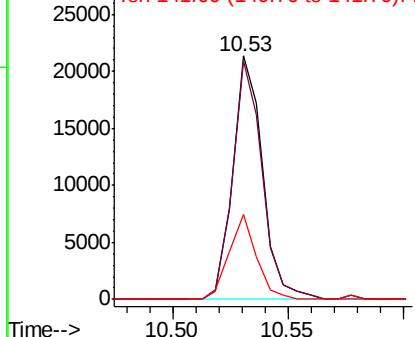
#41
 2,4,6-Tribromophenol
 Concen: 10.862 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	32.1	29.9	44.9

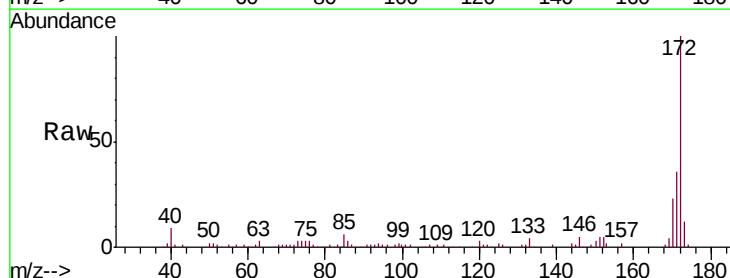


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

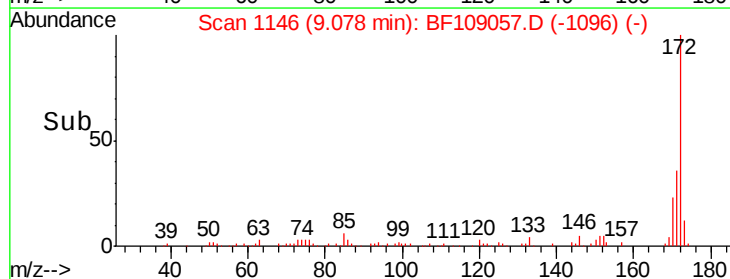
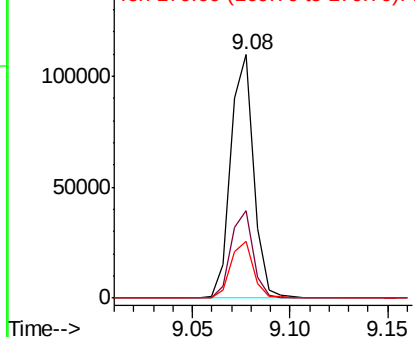


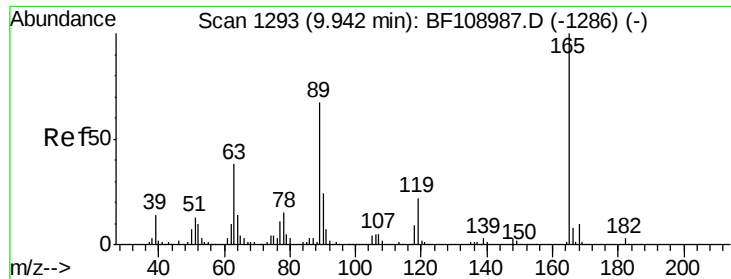
#44
 2-Fluorobiphenyl
 Concen: 8.648 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.2	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

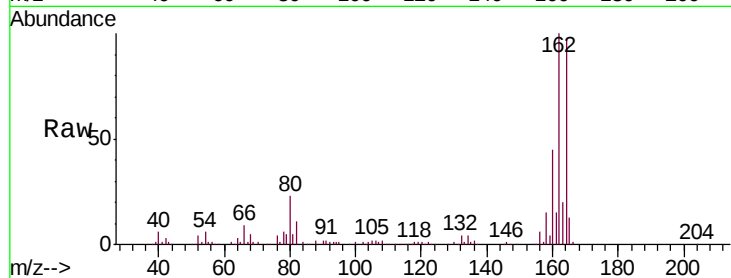




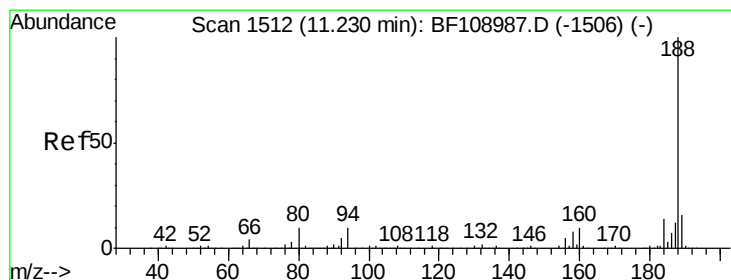
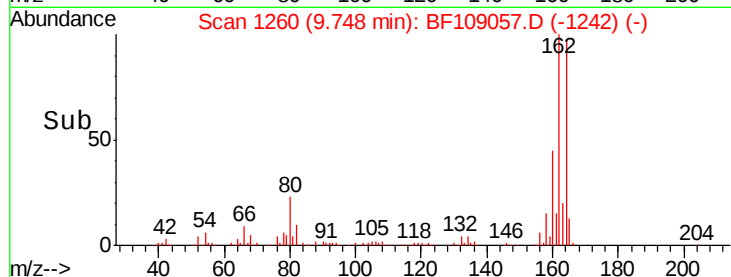
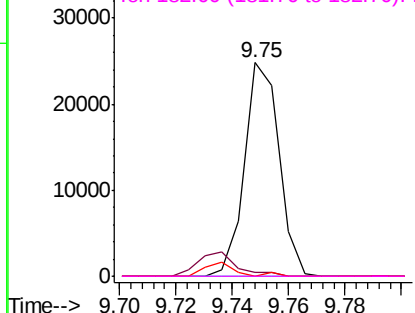
#56
 2,4-Dinitrotoluene
 Concen: 6.266 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 RB47195RT

Tgt Ion:	165	Resp:	21112
Ion Ratio	Lower	Upper	
165	100		
63	1.8	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

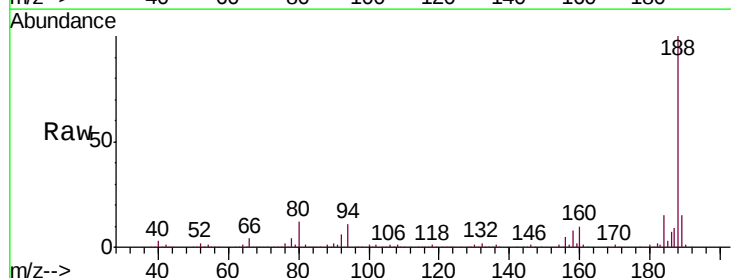


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

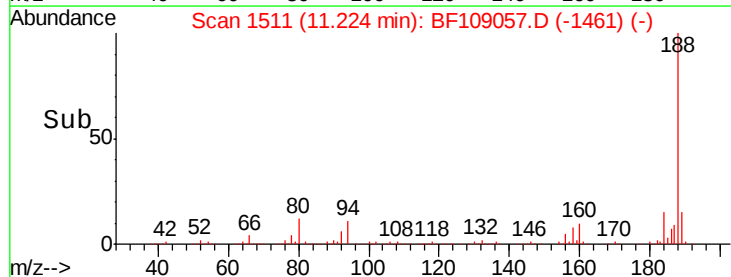
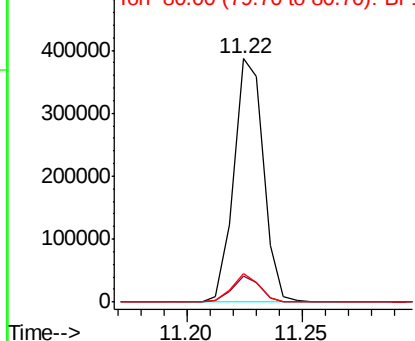


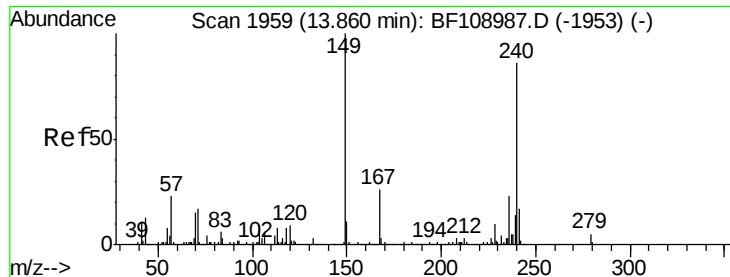
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109057.D
 Acq: 17 Sep 2018 19:18

Tgt Ion:	188	Resp:	347380
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.7	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

Instrument :

BNA_F

ClientSampleId :

RB47195RT

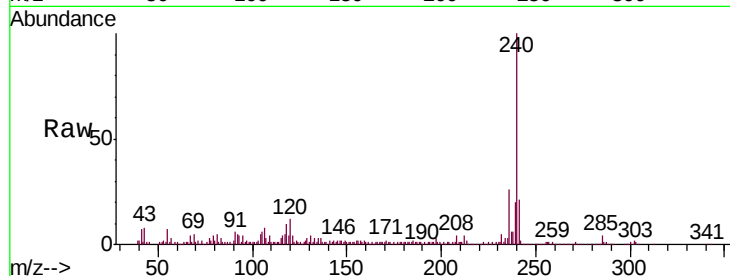
Tgt Ion:240 Resp: 341490

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

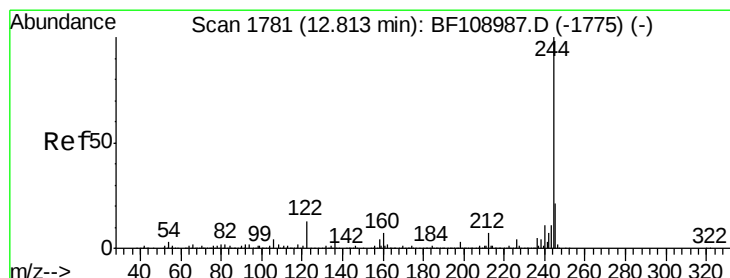
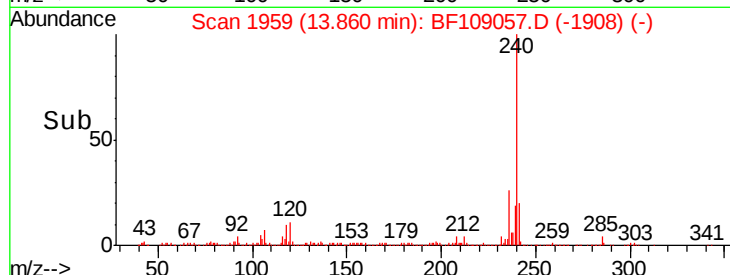
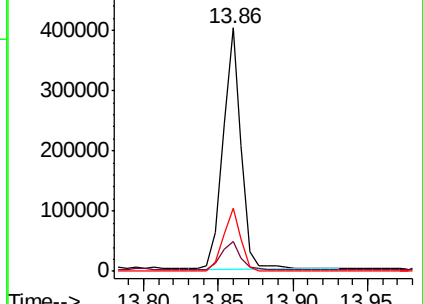
236 26.1 20.7 31.1



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: 7.530 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109057.D

Acq: 17 Sep 2018 19:18

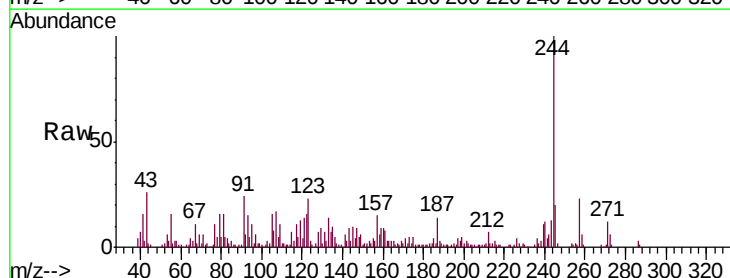
Tgt Ion:244 Resp: 108482

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

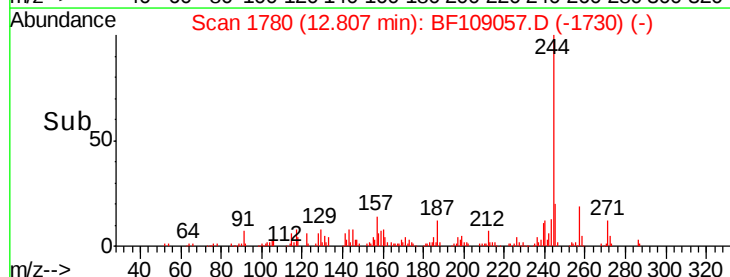
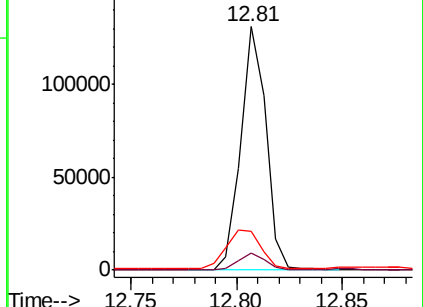
122 15.8 11.0 16.4

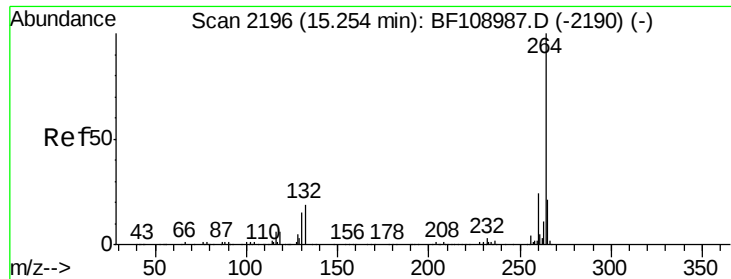


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109057.D
Acq: 17 Sep 2018 19:18

Instrument :
BNA_F
ClientSampleId :
RB47195RT

Tgt Ion: 264 Resp: 256864
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.5 26.3

