

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109085.D
 Acq On : 18 Sep 2018 9:00
 Operator : JU/SJ
 Sample : J4930-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 18:11:40 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

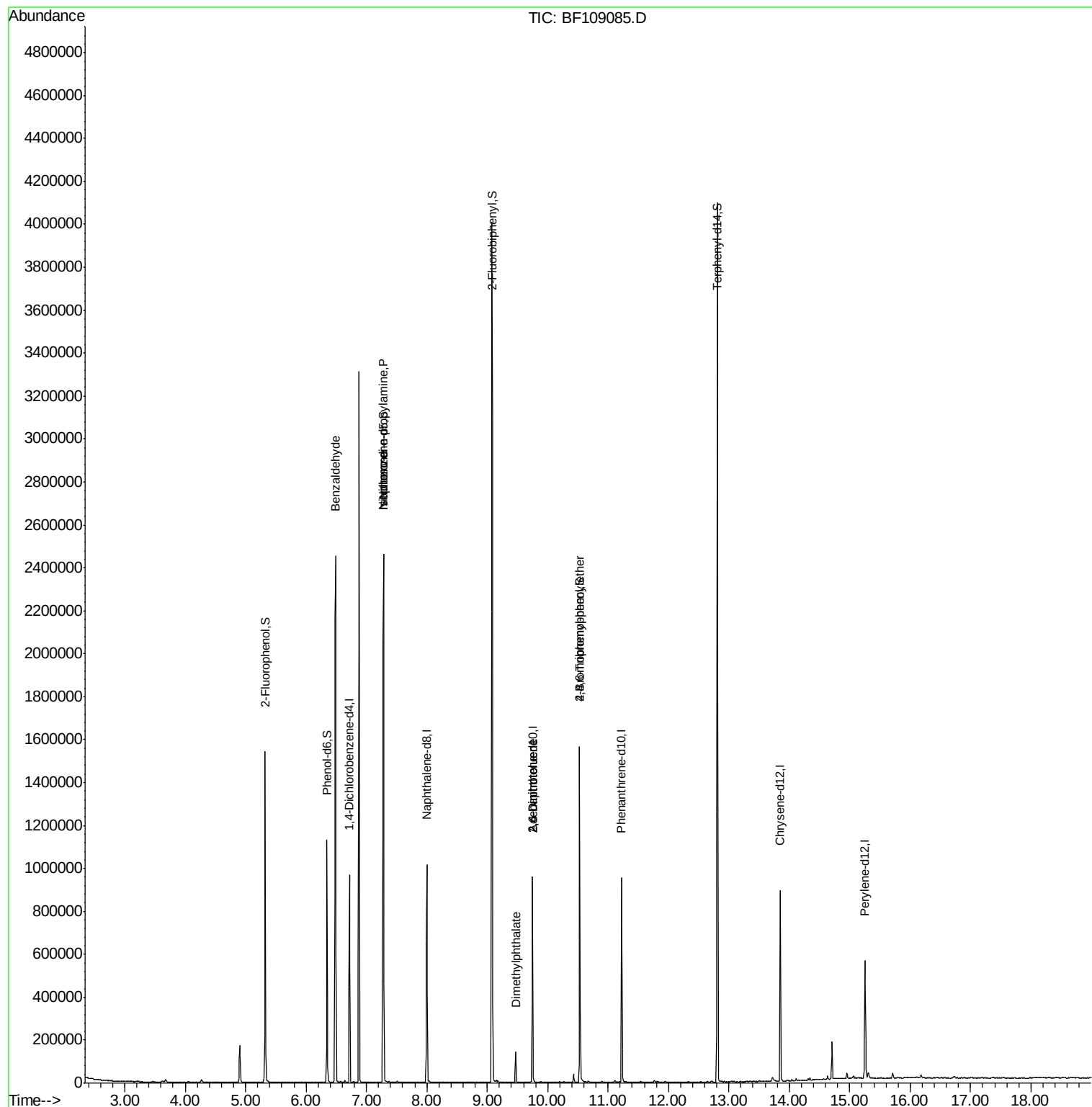
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125764	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	418393	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	169994	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	337767	20.00	ng	0.00
75) Chrysene-d12	13.85	240	318644	20.00	ng	0.00
86) Perylene-d12	15.25	264	242460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	398777	52.66	ng	0.00
7) Phenol-d6	6.35	99	317581	32.53	ng	-0.01
23) Nitrobenzene-d5	7.28	82	825312	110.64	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	195743	106.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1265669	116.65	ng	0.00
78) Terphenyl-d14	12.81	244	1379692	102.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	15096	2.421	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	112518	17.434	ng	# 76
25) Isophorone	7.28	82	820169	63.962	ng	# 64
49) Dimethylphthalate	9.47	163	60825	5.006	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	21463	7.966	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	21463	6.091	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12040	3.162	ng	# 1

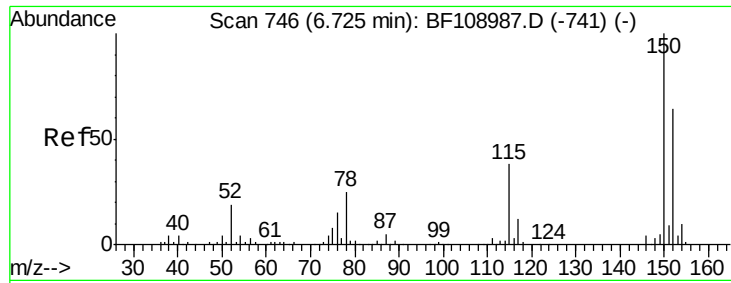
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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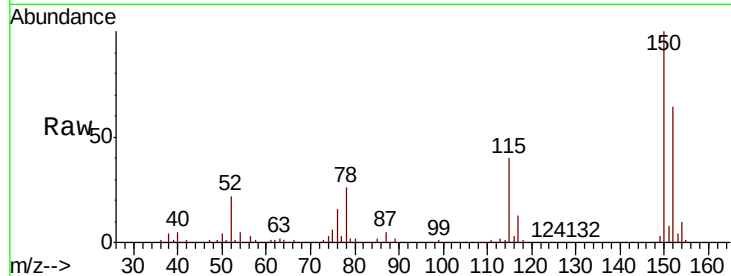




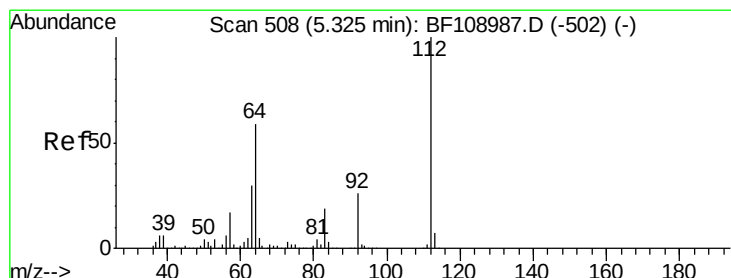
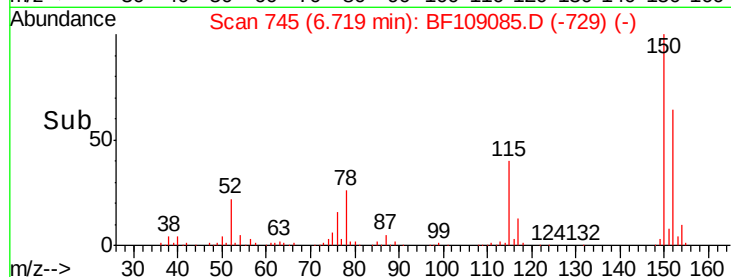
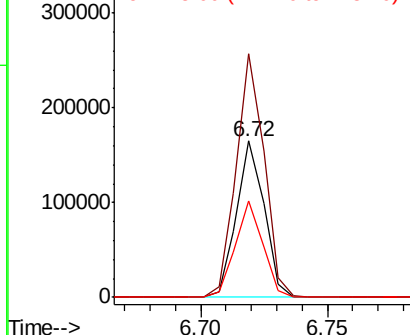
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 125764
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 61.6 50.1 75.1

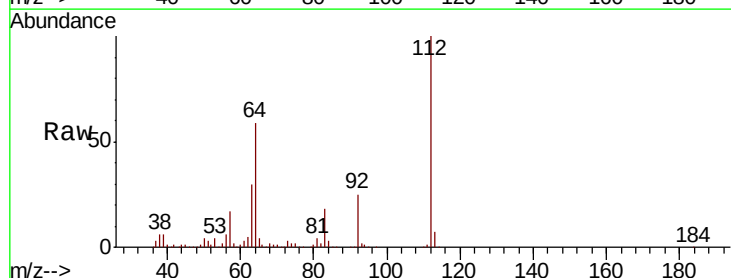


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

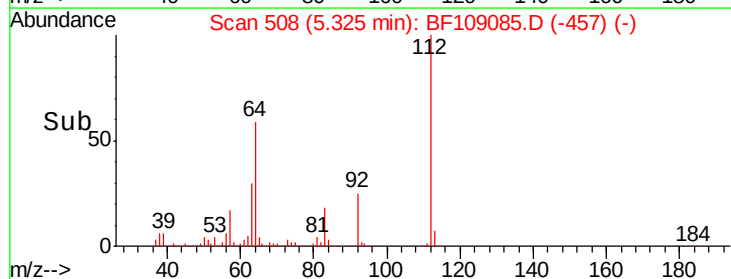
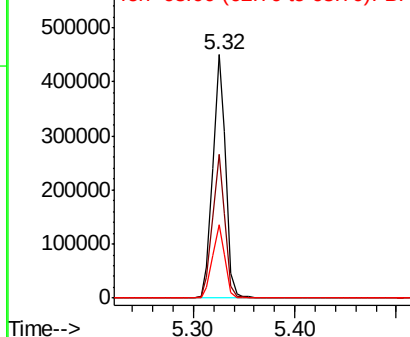


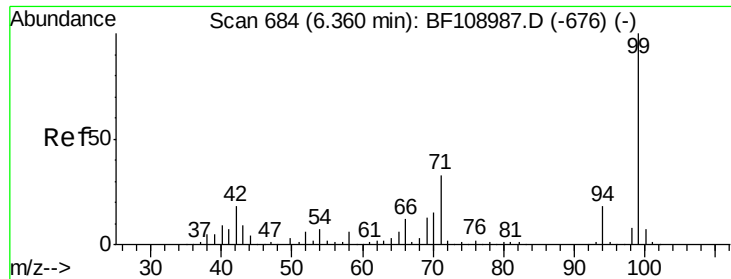
#5
 2-Fluorophenol
 Concen: 52.664 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion:112 Resp: 398777
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 30.1 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: 32.526 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

Instrument :

BNA_F

ClientSampled :

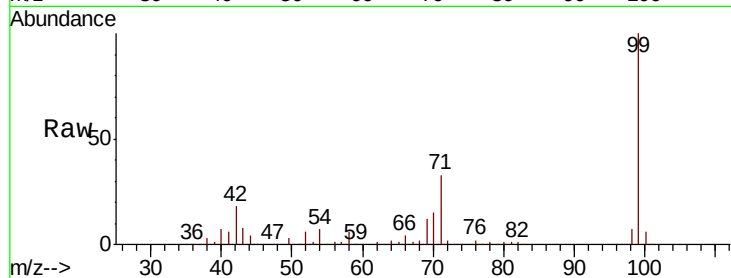
Tot Ion: 99 Resp: 317581

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

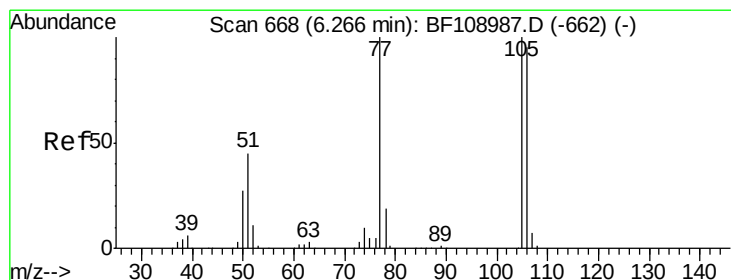
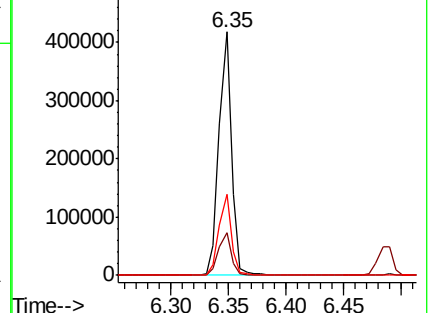
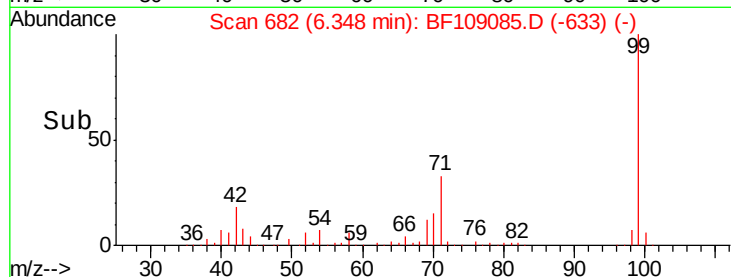
71 33.2 25.4 38.0



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: 2.421 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

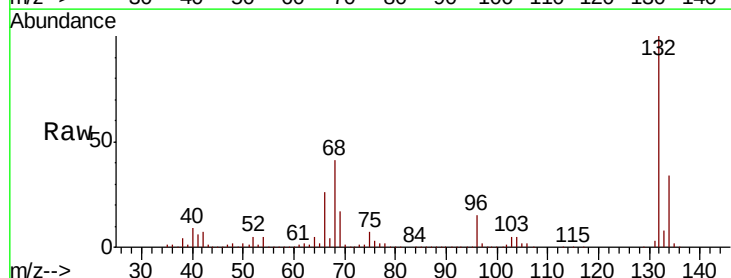
Tgt Ion: 77 Resp: 15096

Ion Ratio Lower Upper

77 100

105 78.1 81.1 121.1#

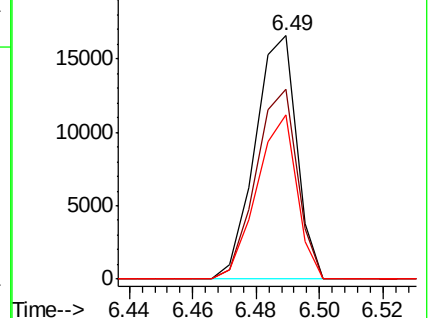
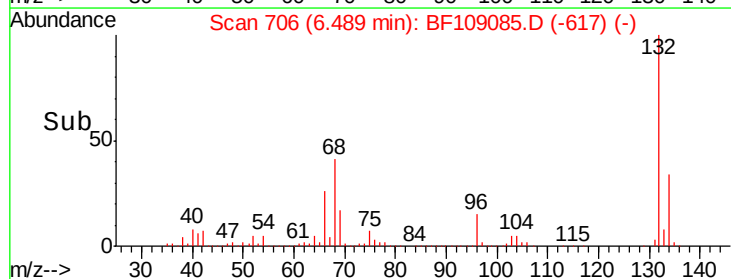
106 67.4 74.5 114.5#

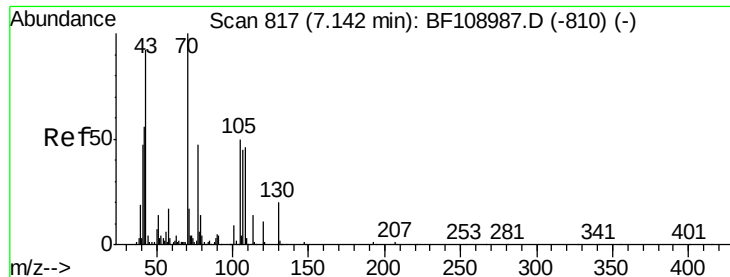


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

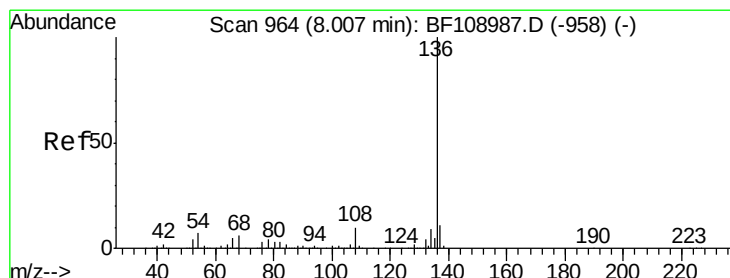
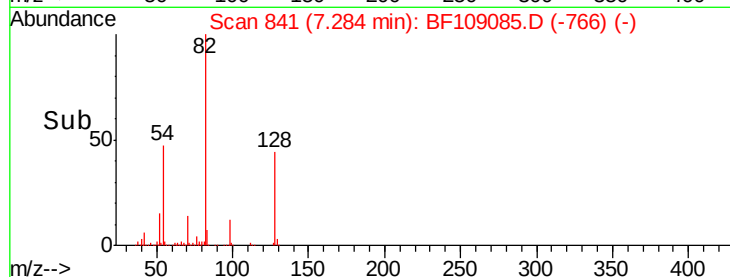
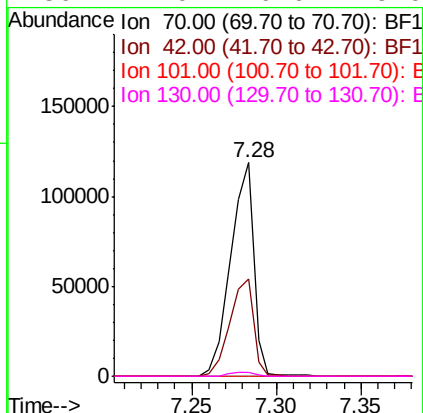
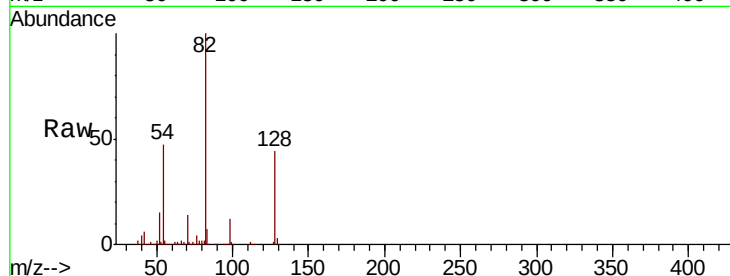




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.434 ng
 RT: 7.28 min Scan# 841
 Delta R.T. 0.14 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

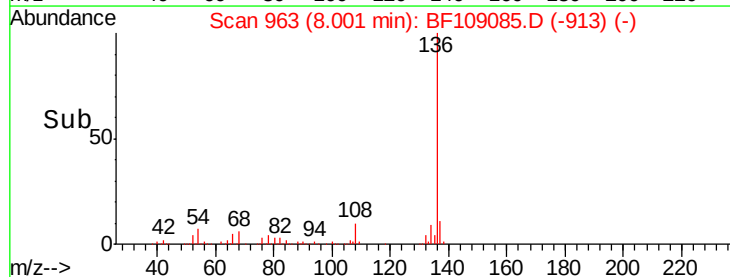
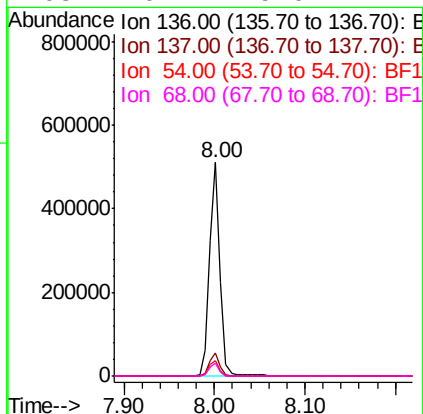
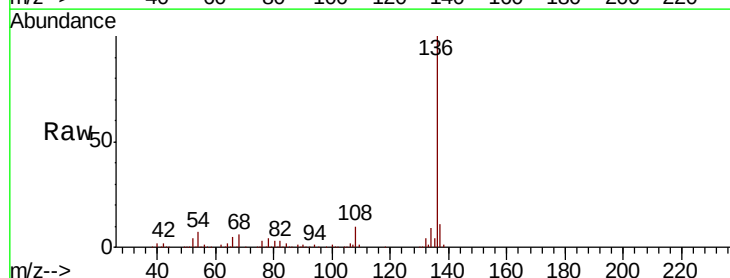
Instrument :
 BNA_F
 ClientSampleId :

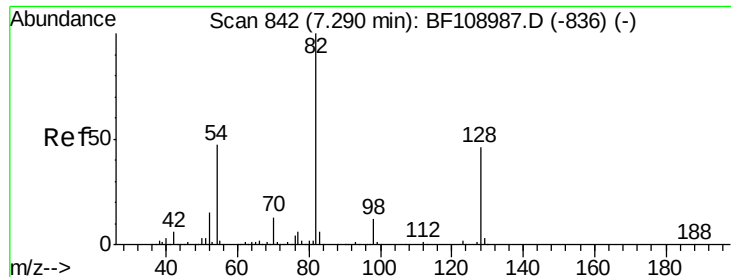
Tot Ion:	70	Resp:	112518
Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.00 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion:	136	Resp:	418393
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4

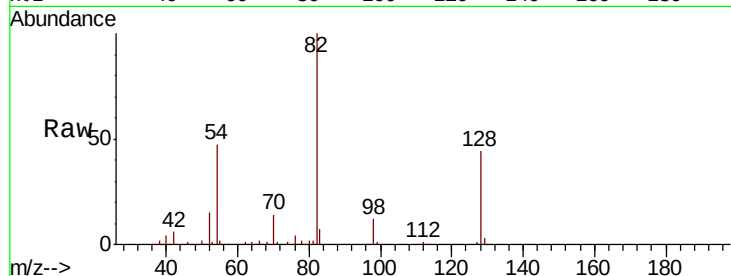




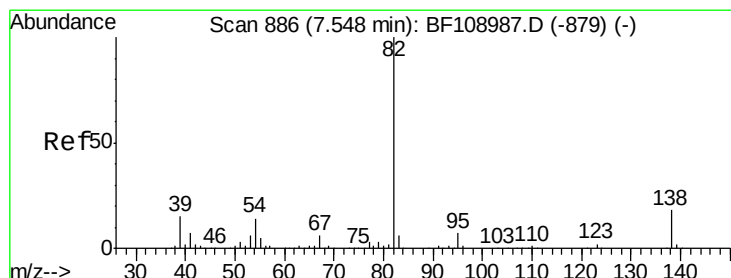
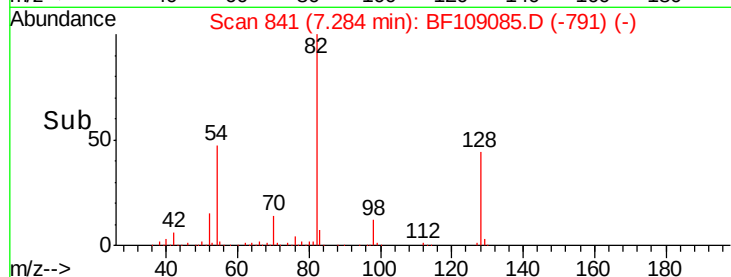
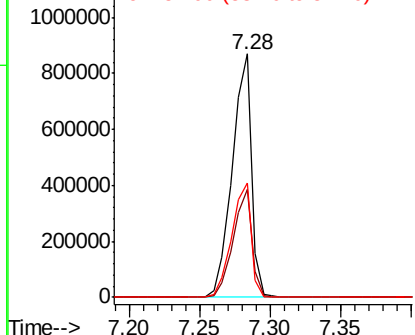
#23
Nitrobenzene-d5
Concen: 110.638 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109085.D
Acq: 18 Sep 2018 9:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 825312
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 46.8 41.4 62.2

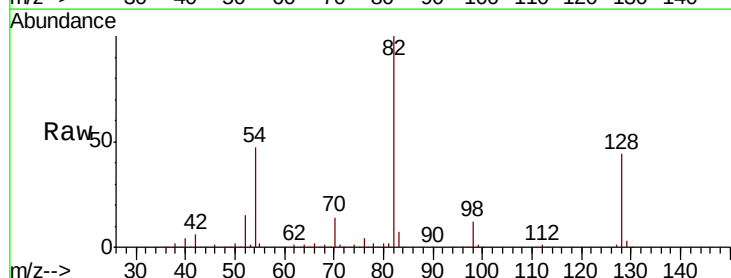


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

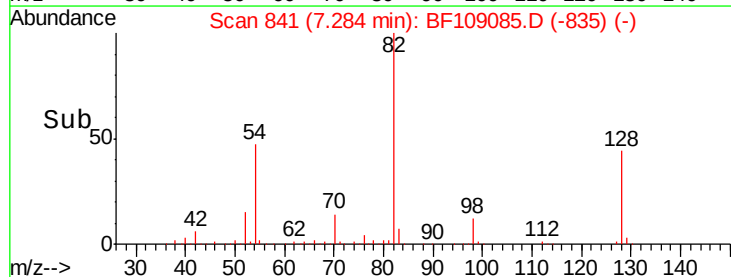
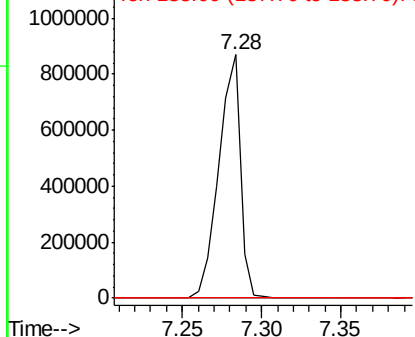


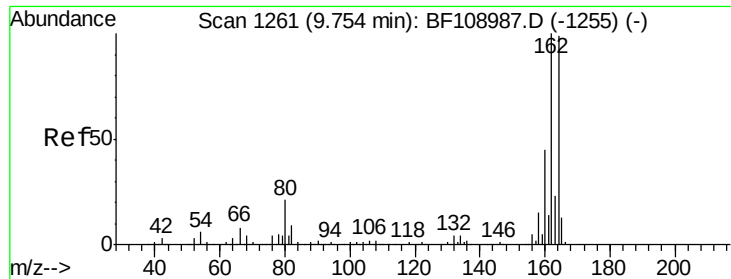
#25
Isophorone
Concen: 63.962 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109085.D
Acq: 18 Sep 2018 9:00

Tgt Ion: 82 Resp: 820169
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

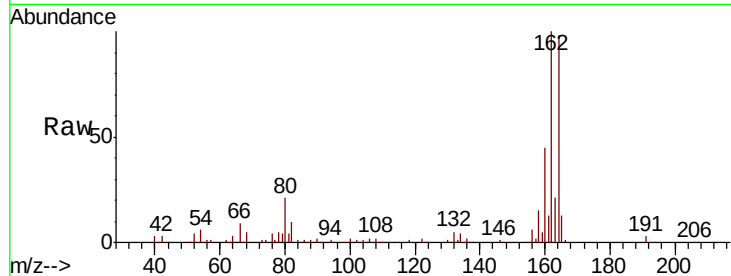




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.2	38.3	57.5

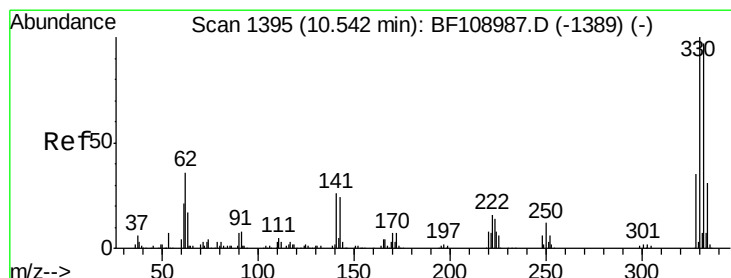
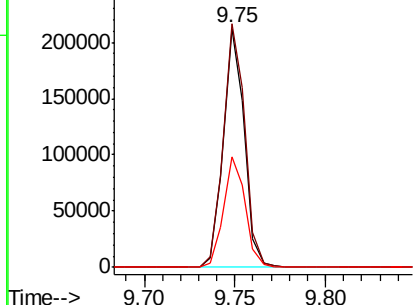
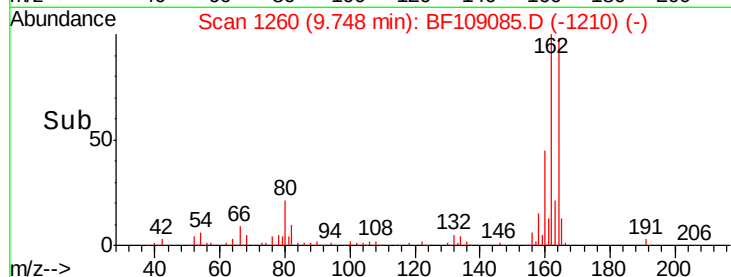


Abundance

Ion 164.00 (163.70 to 164.70): E

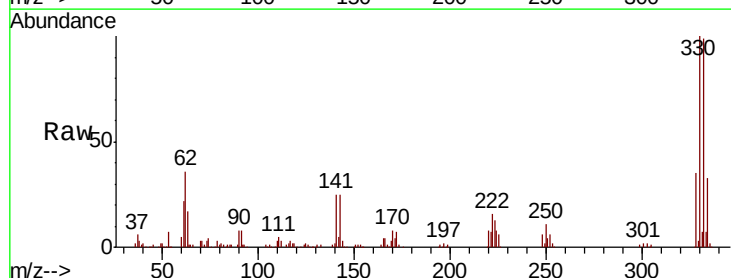
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 106.100 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.9	29.9	44.9

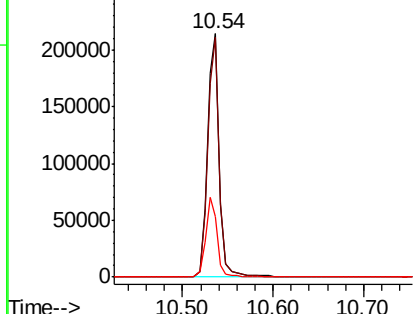
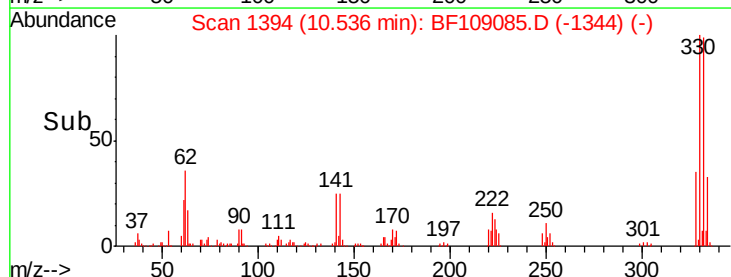


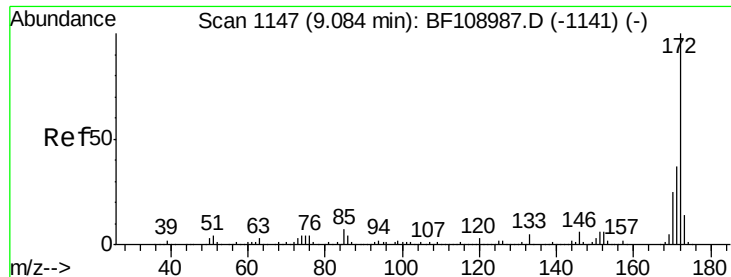
Abundance

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



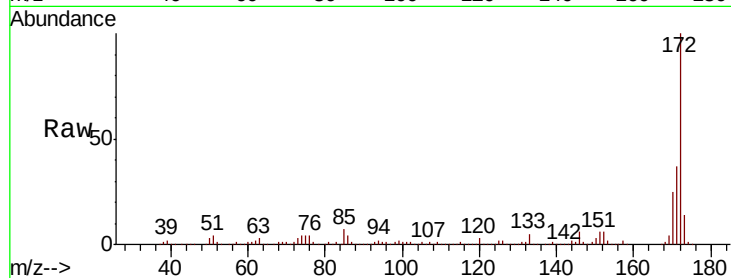


#44
 2-Fluorobiphenyl
 Concen: 116.649 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

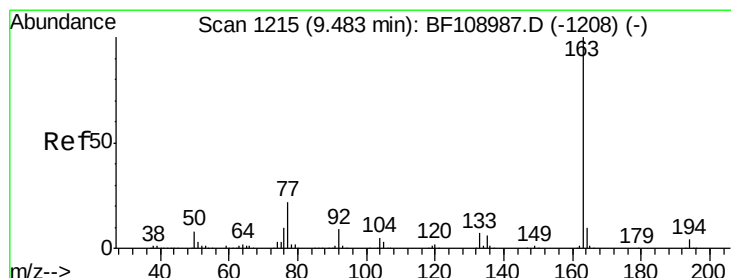
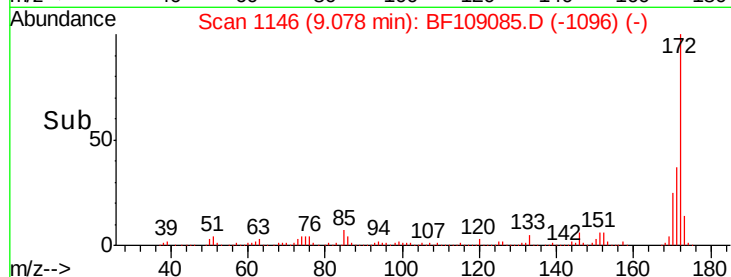
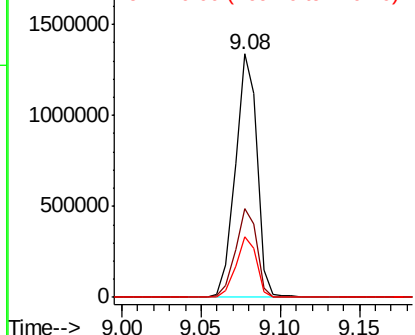
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1265669

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4



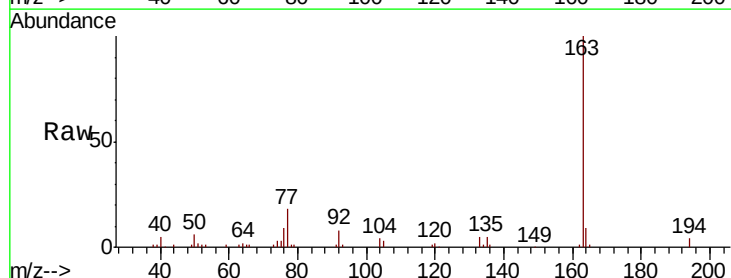
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



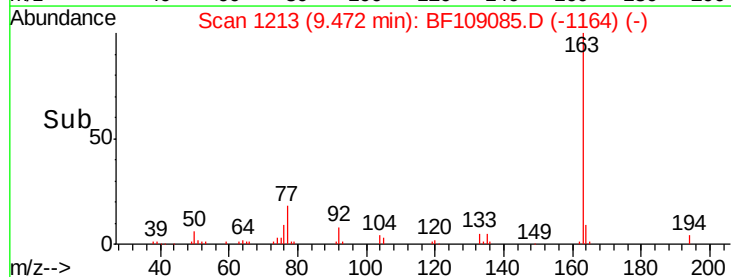
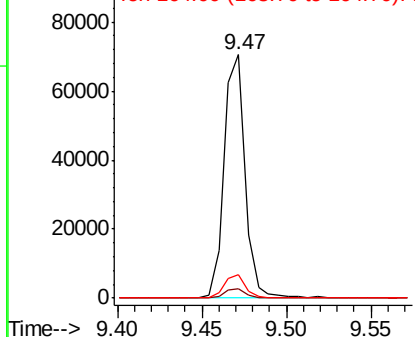
#49
 Dimethylphthalate
 Concen: 5.006 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

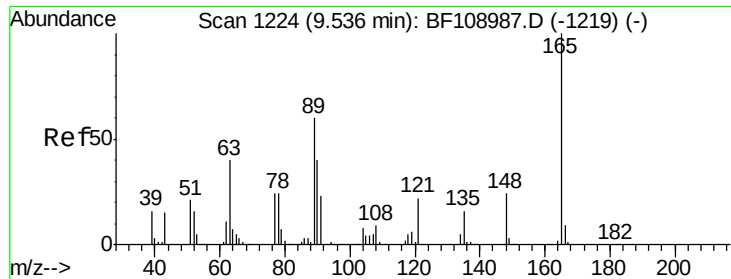
Tgt Ion:163 Resp: 60825

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	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

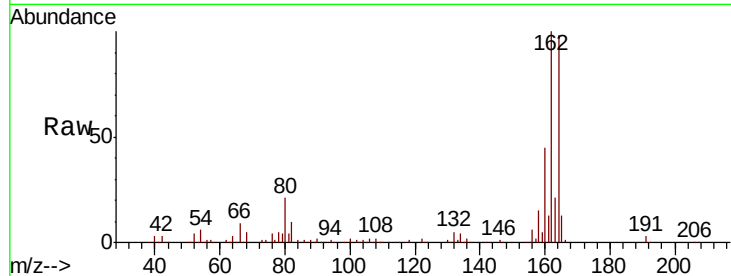




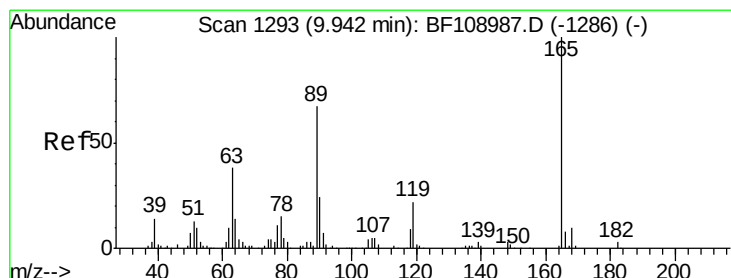
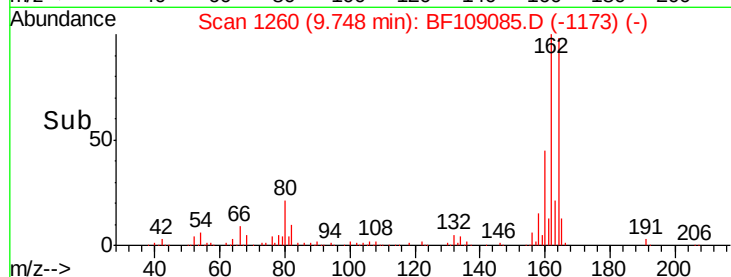
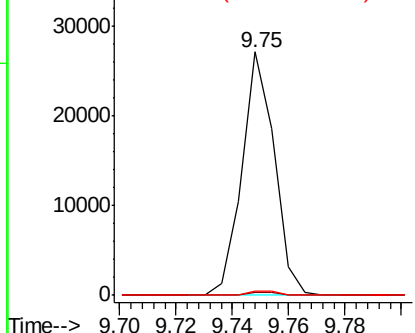
#50
 2,6-Dinitrotoluene
 Concen: 7.966 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

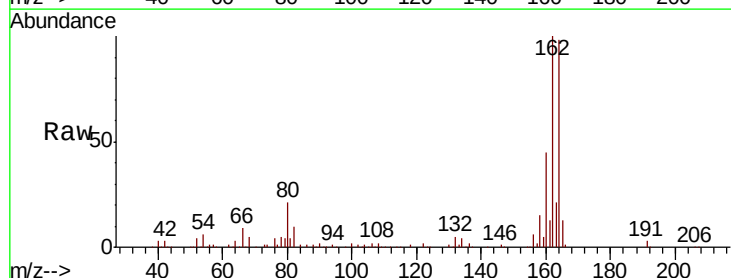


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

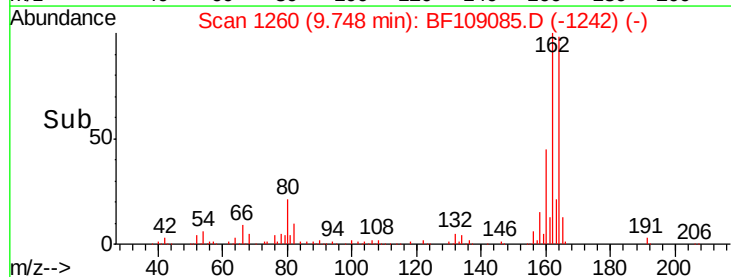
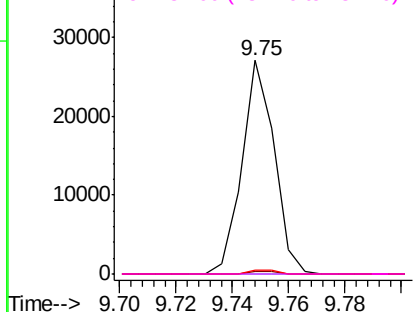


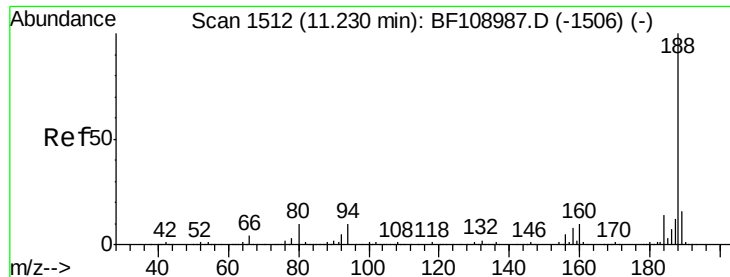
#56
 2,4-Dinitrotoluene
 Concen: 6.091 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	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

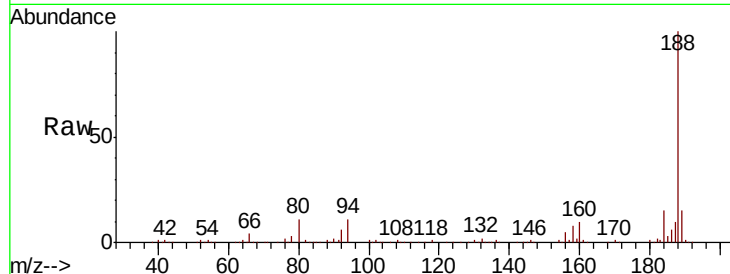




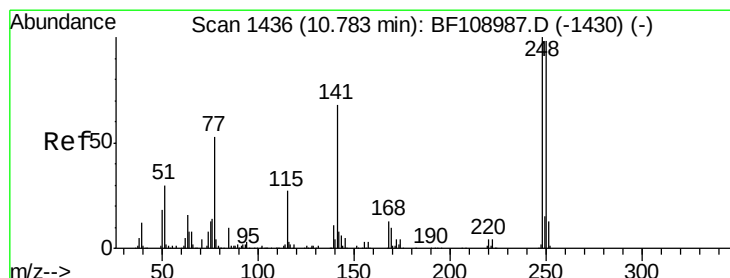
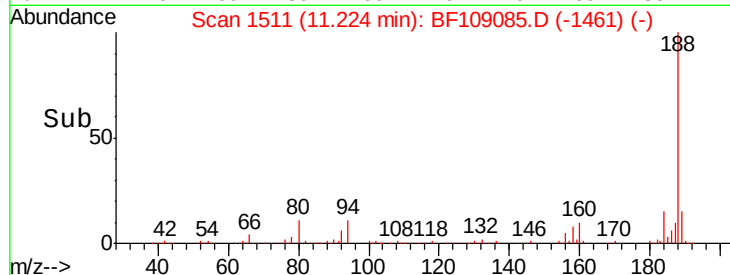
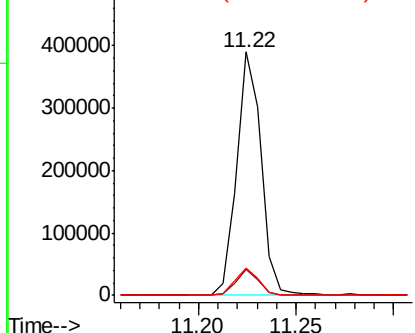
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 337767
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.0 9.2 13.8

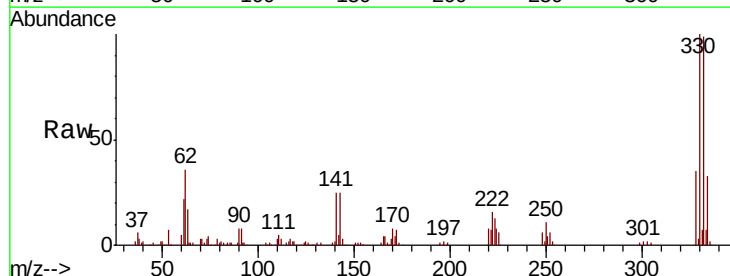


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

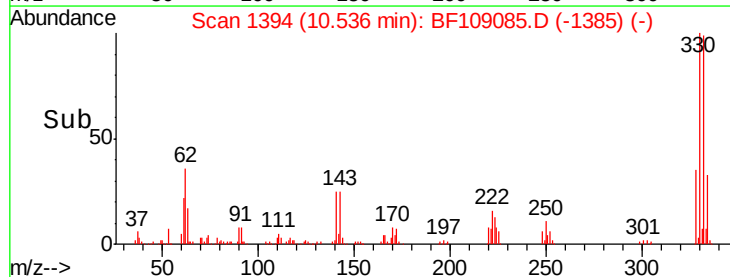
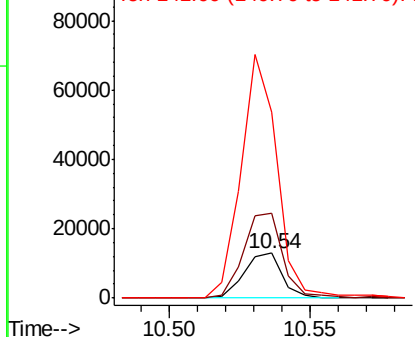


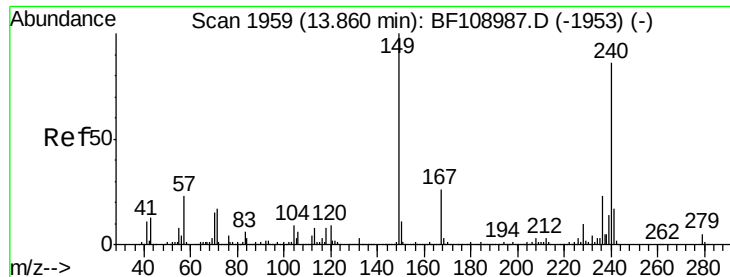
#66
 4-Bromophenyl-phenylether
 Concen: 3.162 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion:248 Resp: 12040
 Ion Ratio Lower Upper
 248 100
 250 190.3 76.9 115.3#
 141 417.9 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: BF109085.D

Acq: 18 Sep 2018 9:00

Instrument :

BNA_F

ClientSampleId :

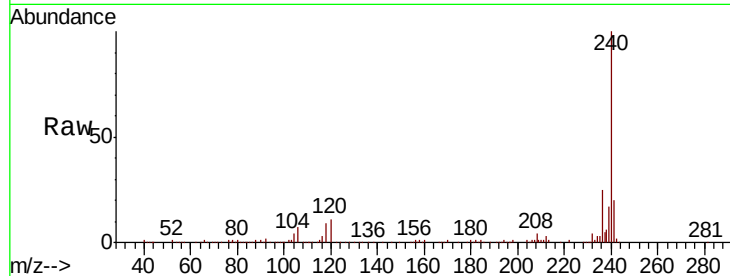
Tot Ion:240 Resp: 318644

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

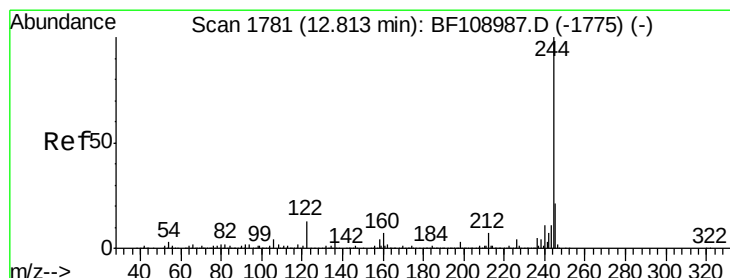
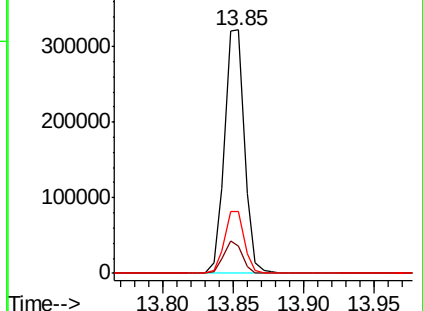
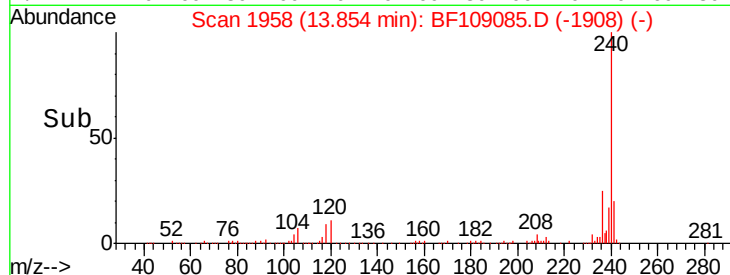
236 25.3 20.7 31.1



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: 102.630 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

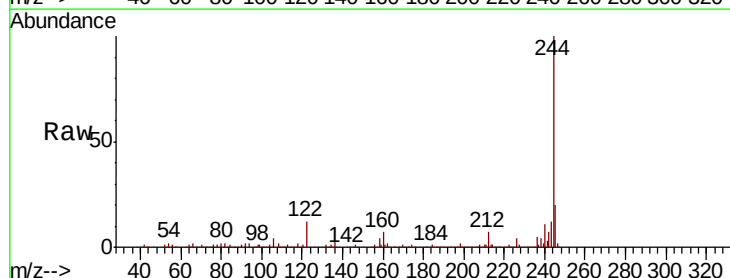
Tgt Ion:244 Resp: 1379692

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

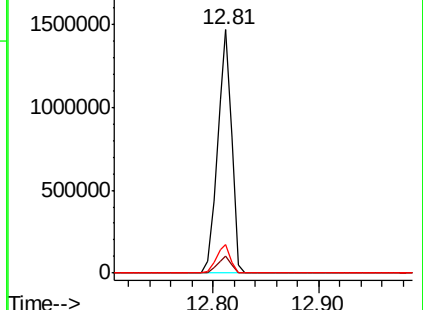
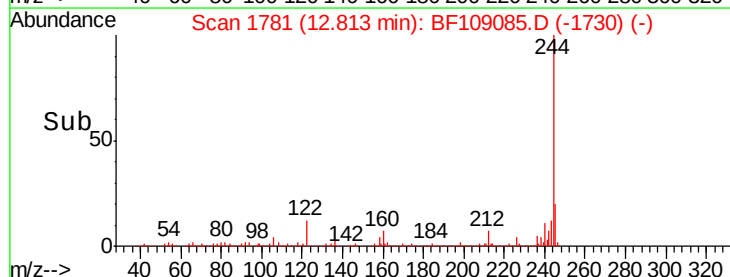
122 11.9 11.0 16.4

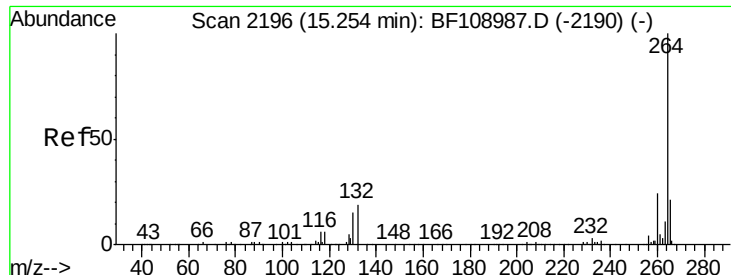


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109085.D
Acq: 18 Sep 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.4	17.5	26.3

