

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF108998.D
 Acq On : 14 Sep 2018 16:49
 Operator : JU/SJ
 Sample : J4906-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 18:08:26 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

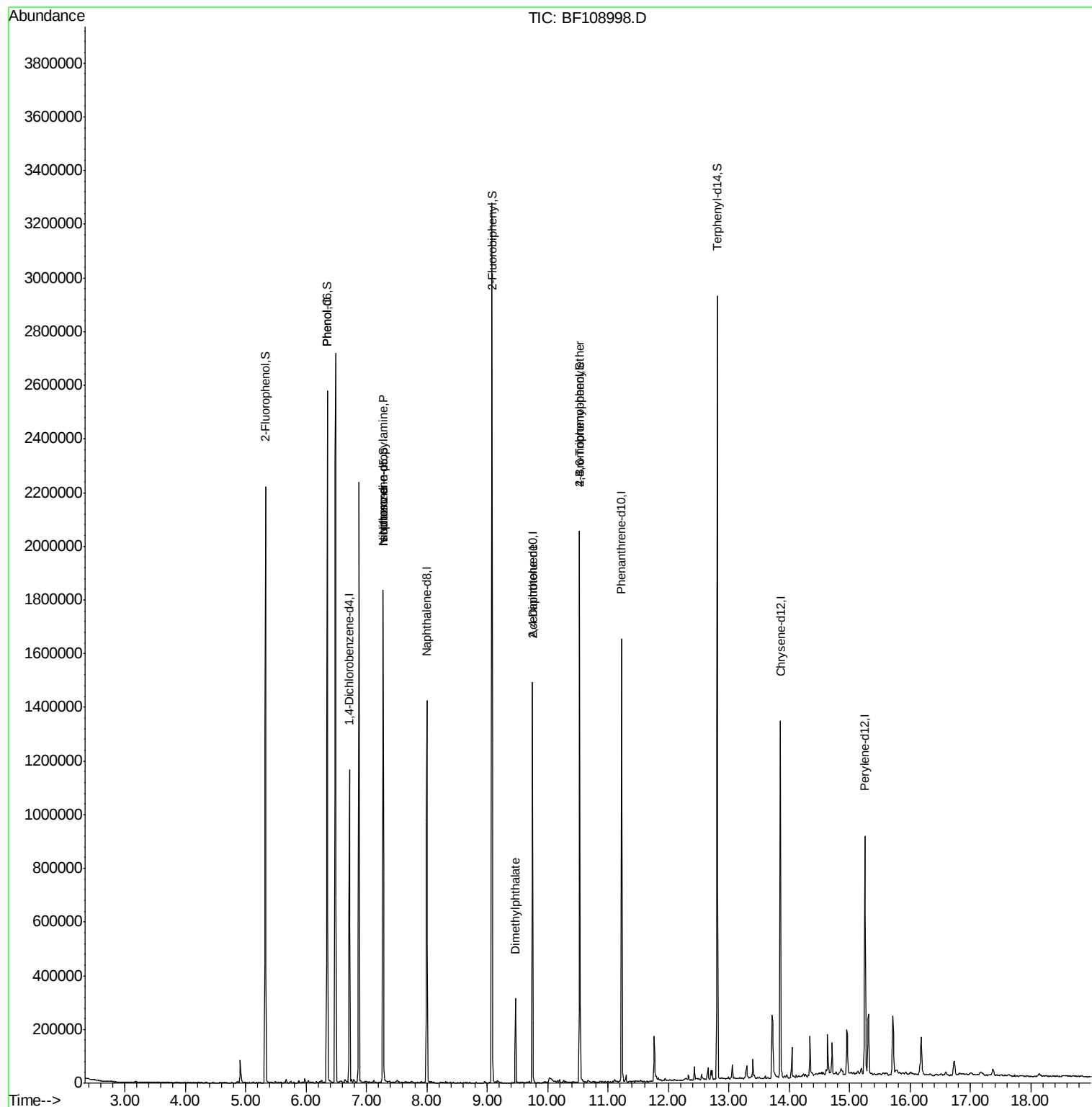
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148340	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	573055	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	284672	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	573619	20.00	ng	0.00
75) Chrysene-d12	13.85	240	453626	20.00	ng	0.00
86) Perylene-d12	15.25	264	389517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	695069	77.82	ng	0.00
7) Phenol-d6	6.35	99	901395	78.27	ng	0.00
23) Nitrobenzene-d5	7.28	82	567564	55.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	250912	81.22	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	962249	52.96	ng	0.00
78) Terphenyl-d14	12.81	244	1038852	54.28	ng	0.00
Target Compounds						
10) Phenol	6.36	94	33036	2.549	ng	83
19) n-Nitroso-di-n-propylamine	7.28	70	76449	10.043	ng	# 77
25) Isophorone	7.28	82	563433	32.081	ng	# 64
49) Dimethylphthalate	9.47	163	121762	5.984	ng	100
56) 2,4-Dinitrotoluene	9.75	165	37128	6.292	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	15304	2.367	ng	# 1

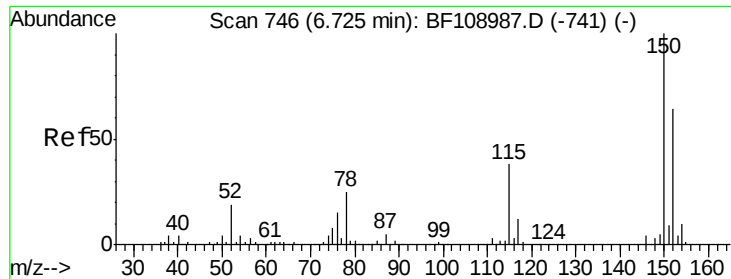
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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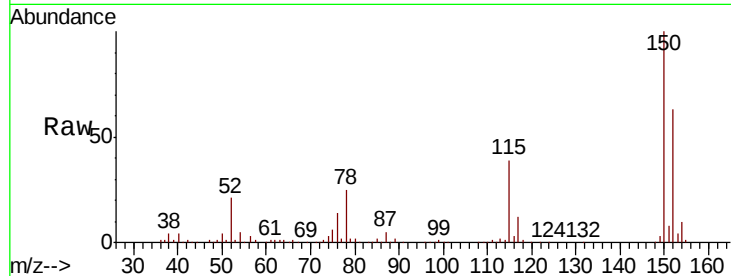


#1

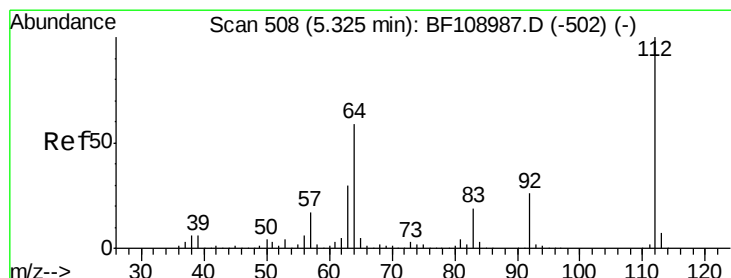
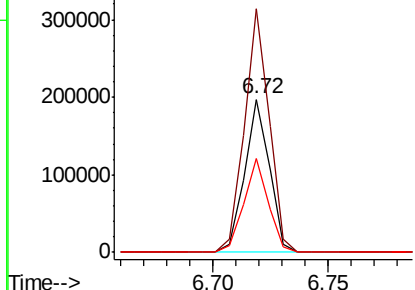
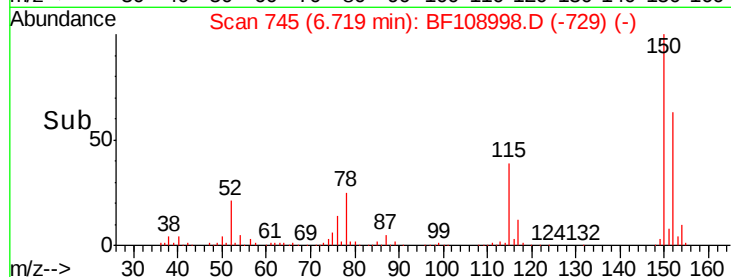
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148340
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.2 50.1 75.1



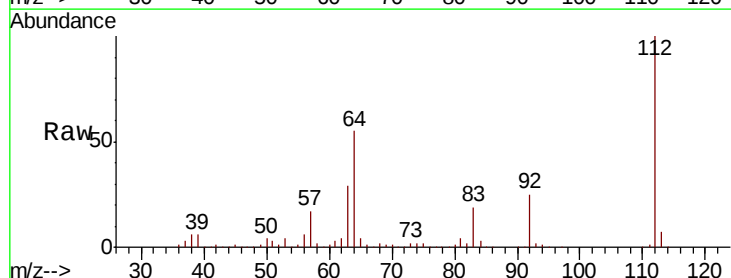
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



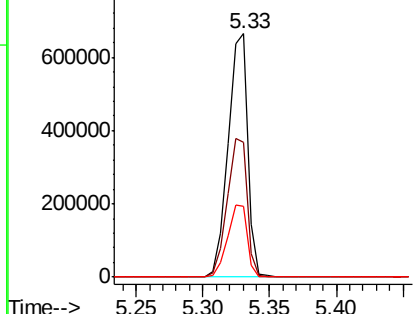
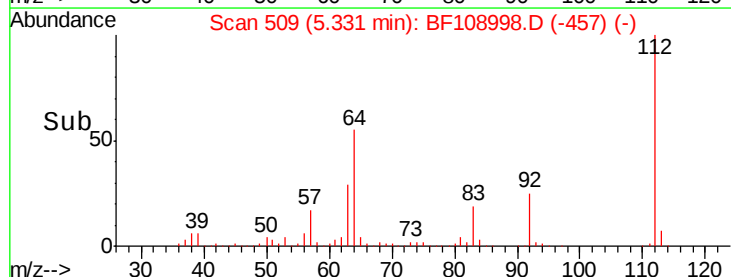
#5

2-Fluorophenol
Concen: 77.823 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Tgt Ion:112 Resp: 695069
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 28.9 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: 78.269 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108998.D

Acq: 14 Sep 2018 16:49

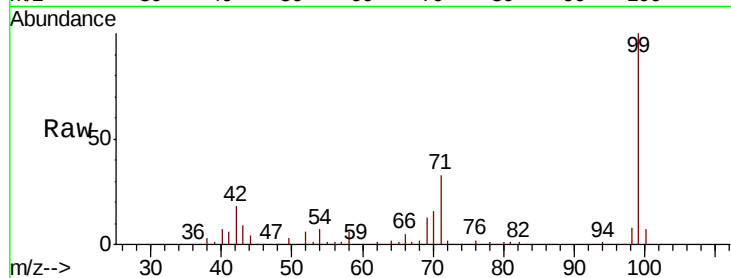
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 901395

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	33.4	25.4	38.0

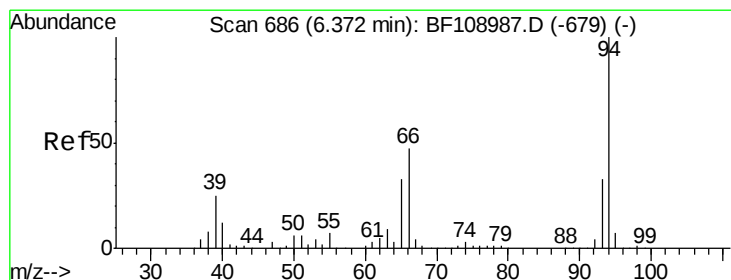
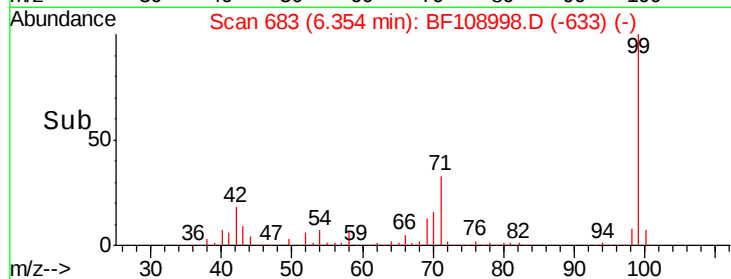
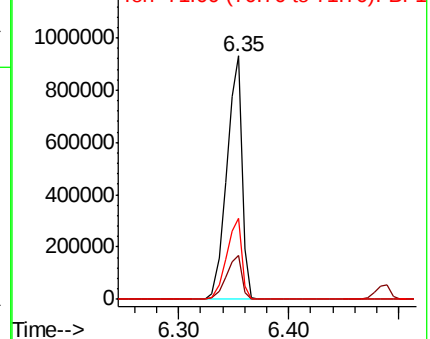


Abundance

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



#10

Phenol

Concen: 2.549 ng

RT: 6.36 min Scan# 684

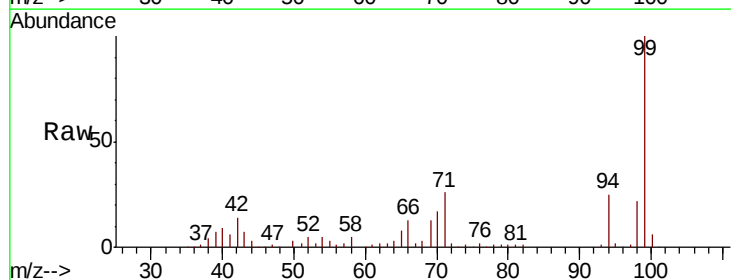
Delta R.T. -0.01 min

Lab File: BF108998.D

Acq: 14 Sep 2018 16:49

Tgt Ion: 94 Resp: 33036

Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	51.6	16.2	56.2

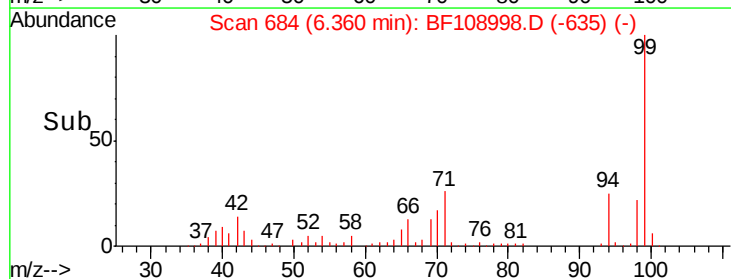
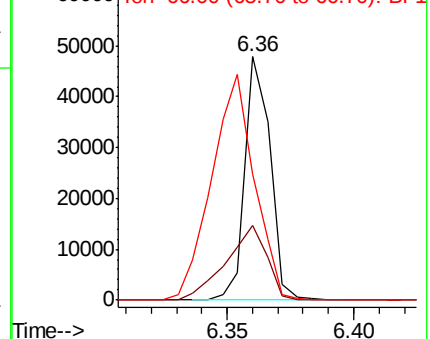


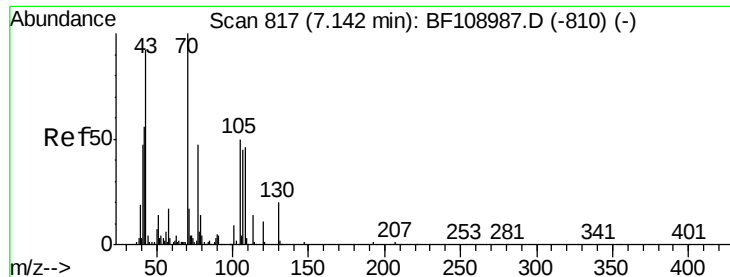
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

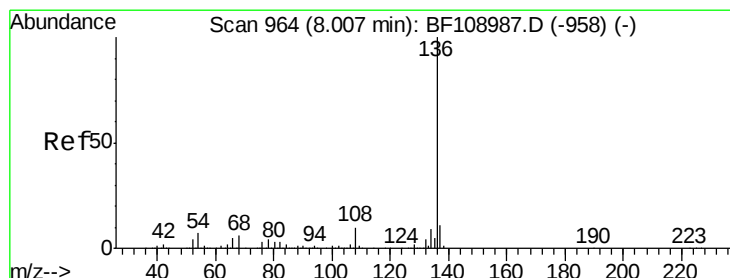
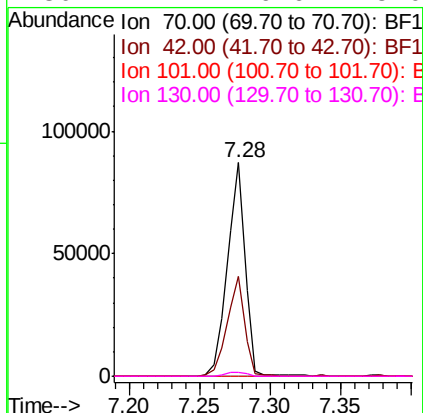
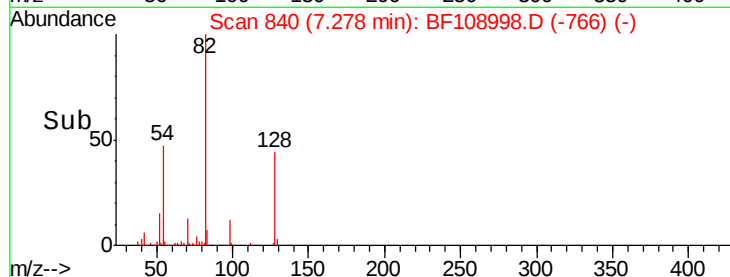
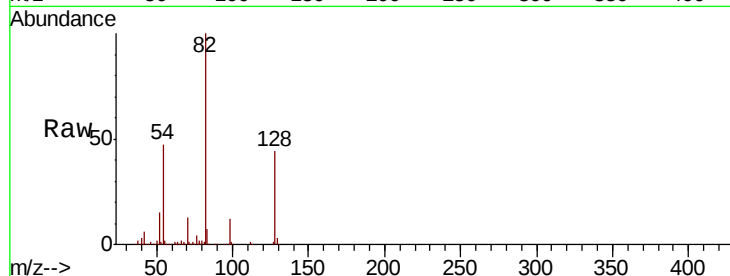




#19
n-Nitroso-di-n-propylamine
Concen: 10.043 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

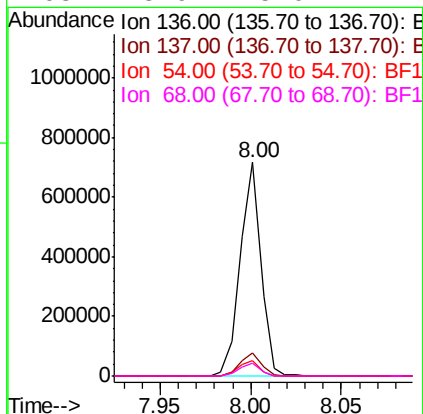
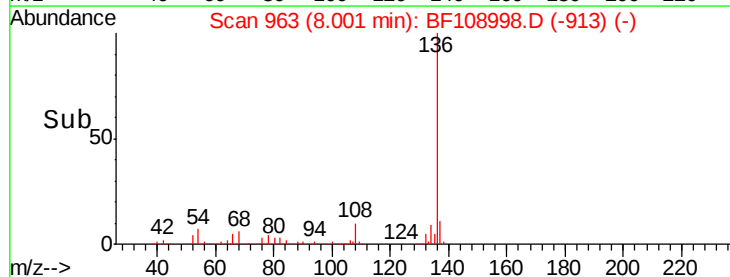
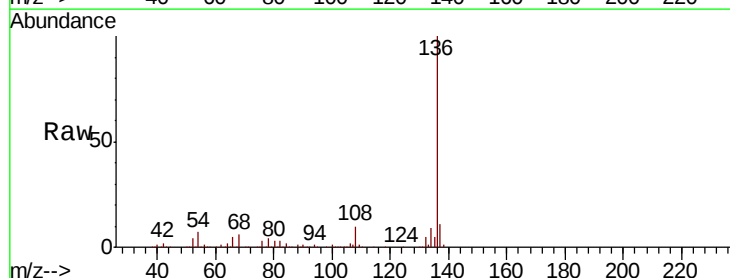
Instrument :
BNA_F
ClientSampleId :

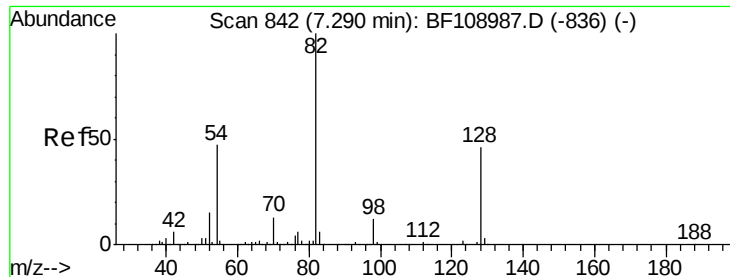
Tot Ion: 70 Resp: 76449
Ion Ratio Lower Upper
70 100
42 46.6 47.5 71.3#
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Tgt Ion: 136 Resp: 573055
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.6 9.8
68 5.9 5.0 7.4

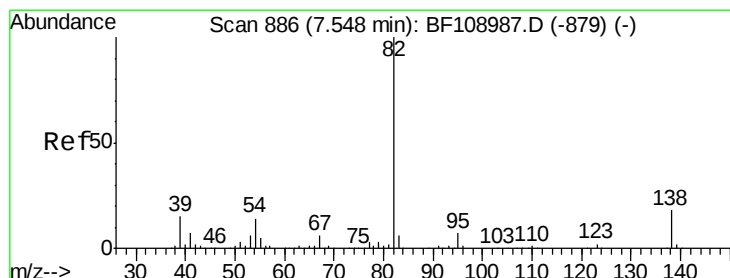
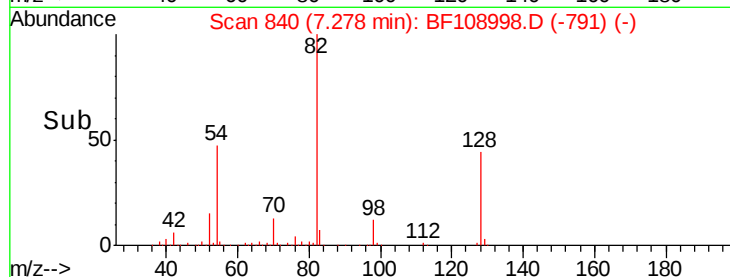
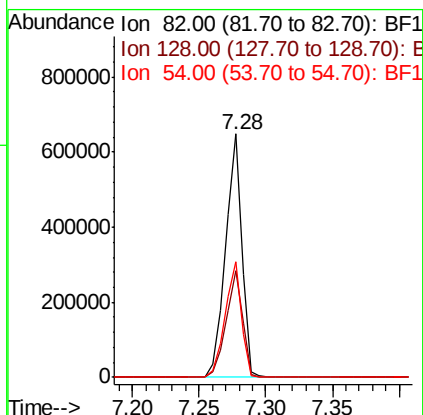
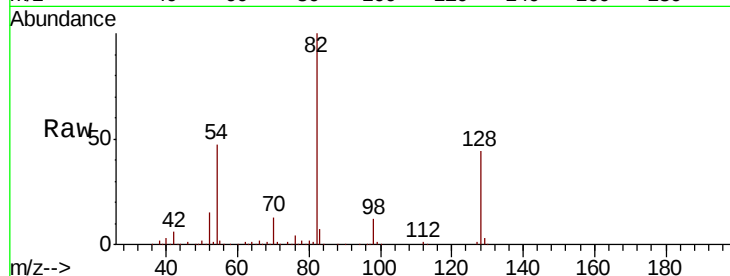




#23
Nitrobenzene-d5
Concen: 55.551 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

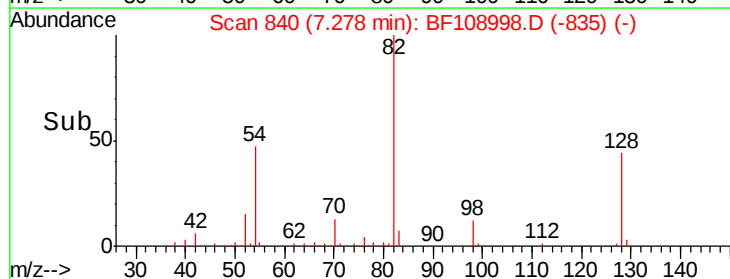
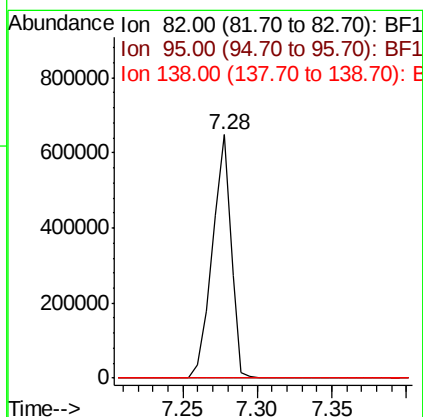
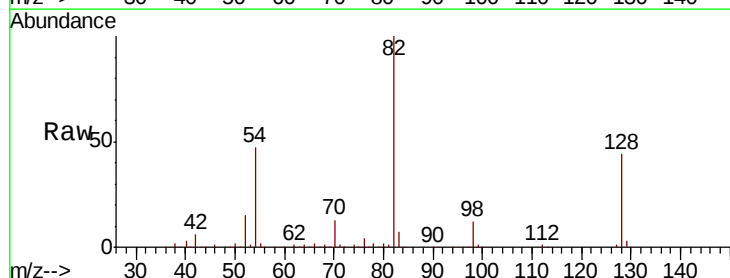
Instrument :
BNA_F
ClientSampled :

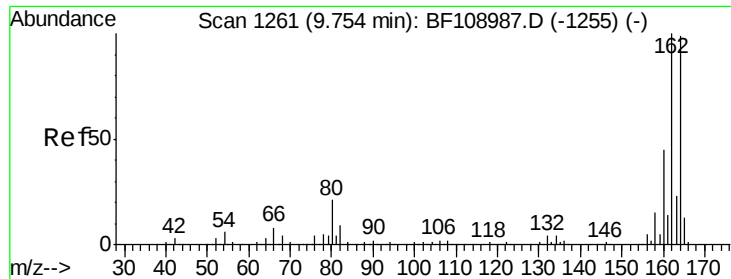
Tot Ion	82	Resp	567564
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	47.3	41.4	62.2



#25
Isophorone
Concen: 32.081 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Tgt Ion	82	Resp	563433
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

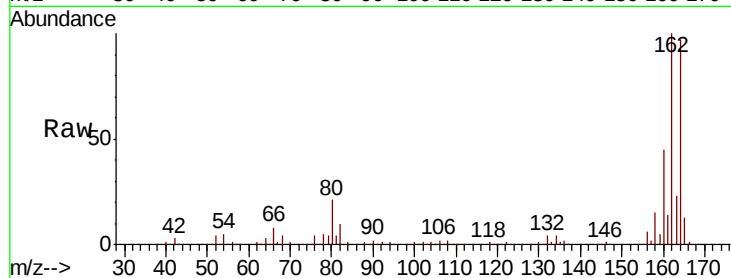




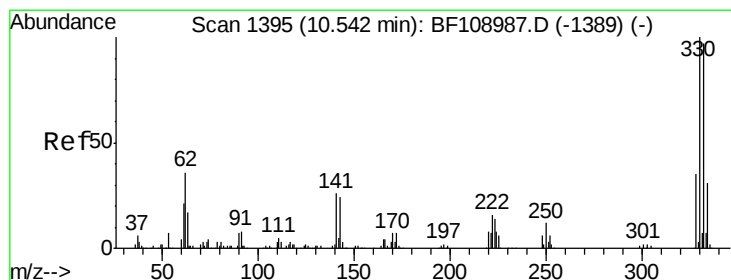
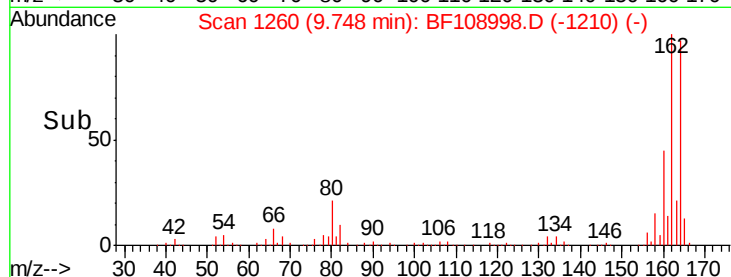
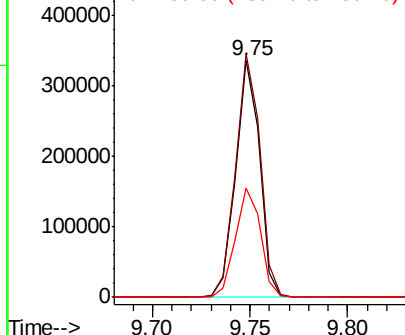
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 284672
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.4 38.3 57.5

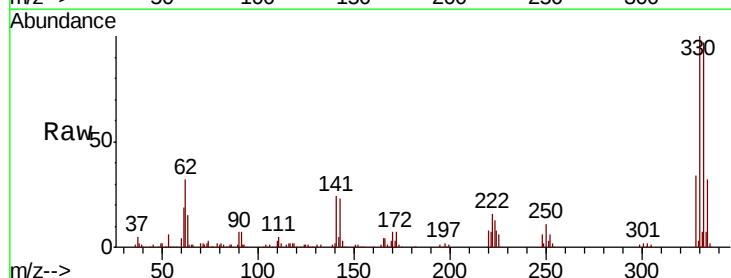


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

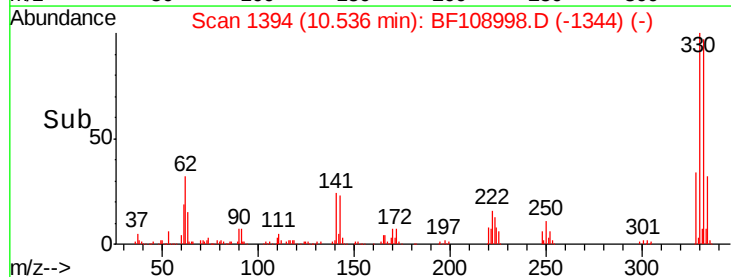
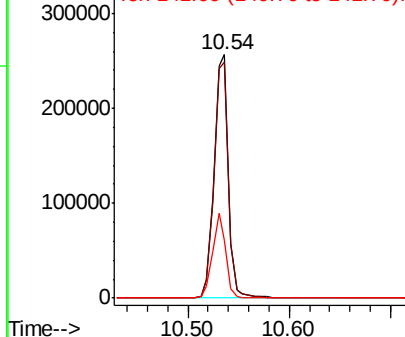


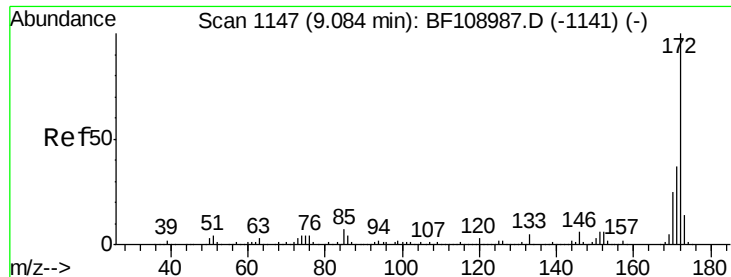
#41
2,4,6-Tribromophenol
Concen: 81.216 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Tgt Ion:330 Resp: 250912
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 32.3 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

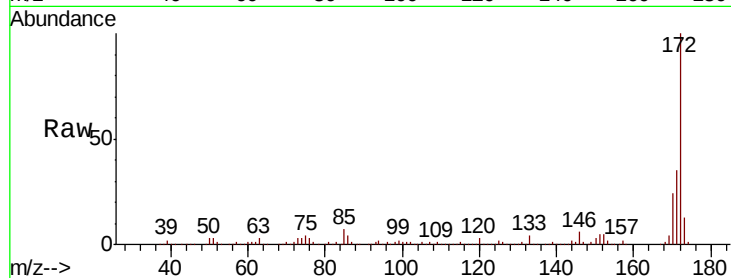




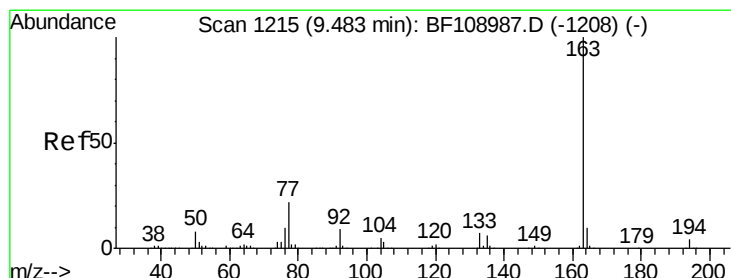
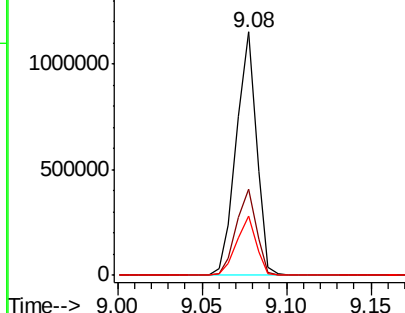
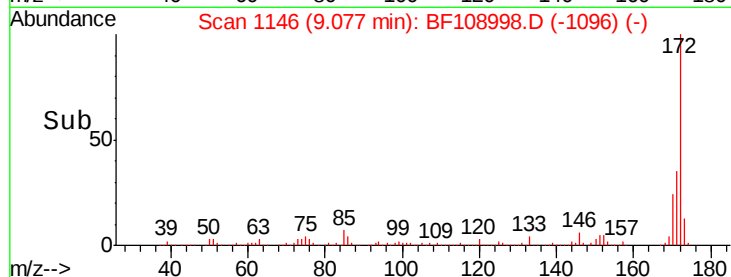
#44
2-Fluorobiphenyl
Concen: 52.959 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 962249
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.2 19.6 29.4

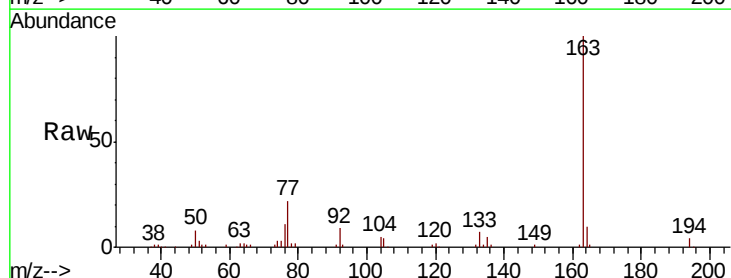


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

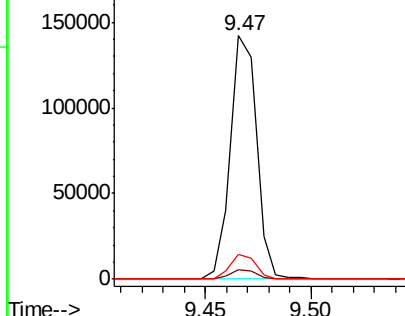
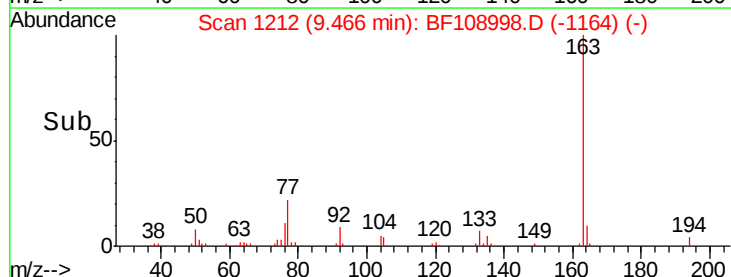


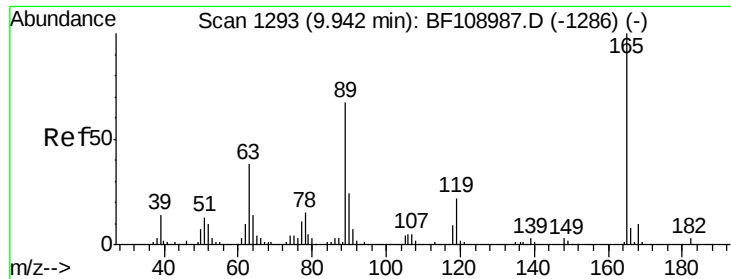
#49
Dimethylphthalate
Concen: 5.984 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Tgt Ion:163 Resp: 121762
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 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

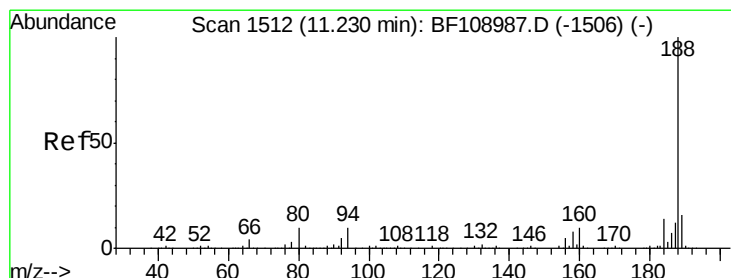
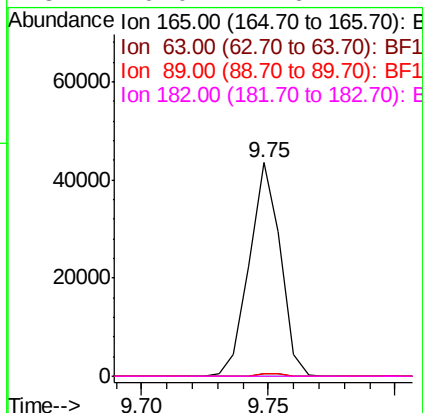
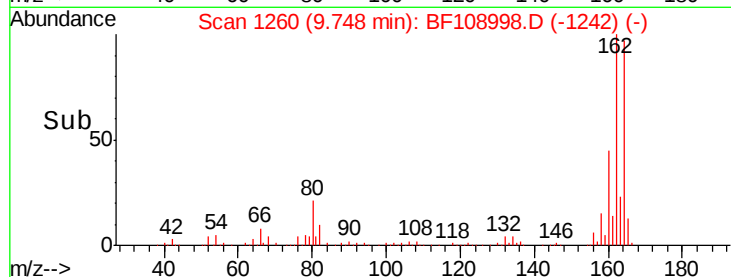
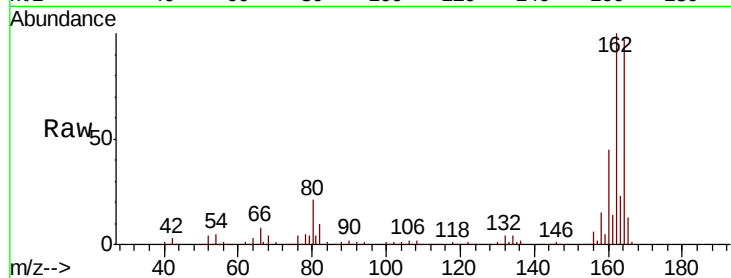




#56
 2,4-Dinitrotoluene
 Concen: 6.292 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF108998.D
 Acq: 14 Sep 2018 16:49

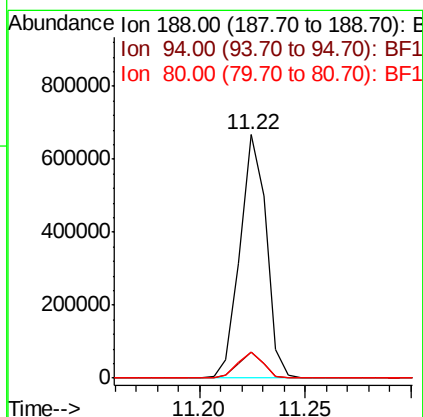
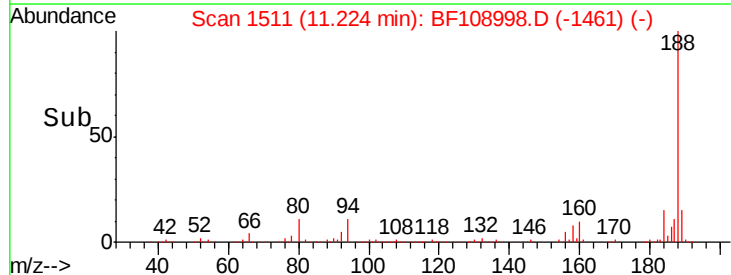
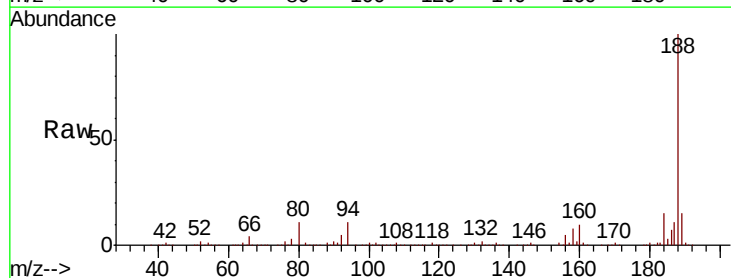
Instrument :
 BNA_F
 ClientSampleId :

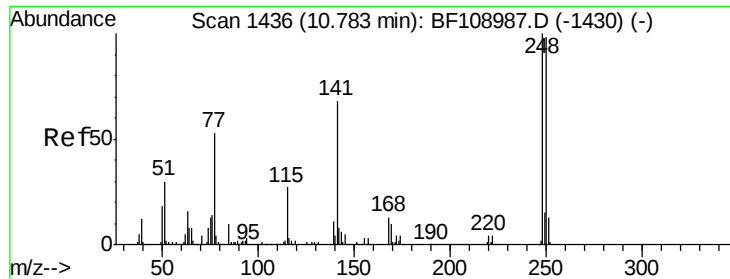
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF108998.D
 Acq: 14 Sep 2018 16:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.7	9.2	13.8

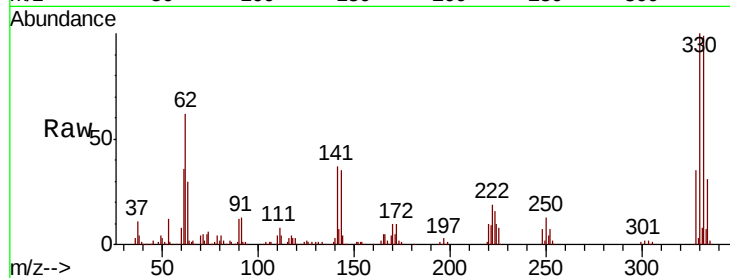




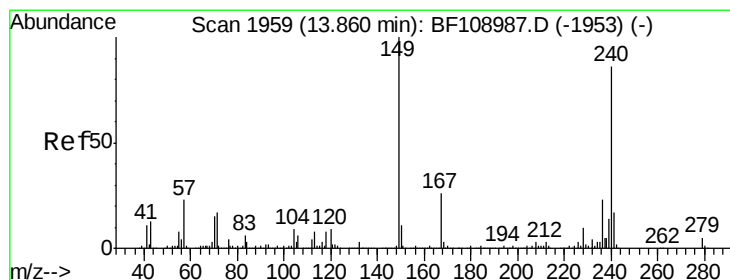
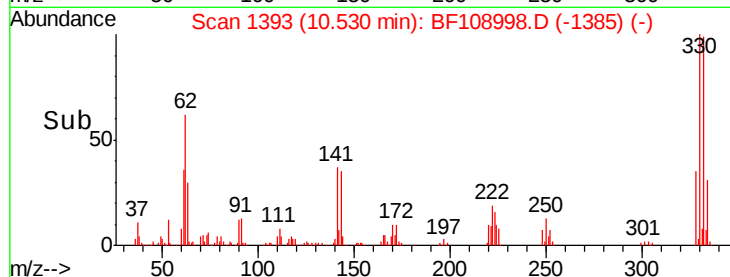
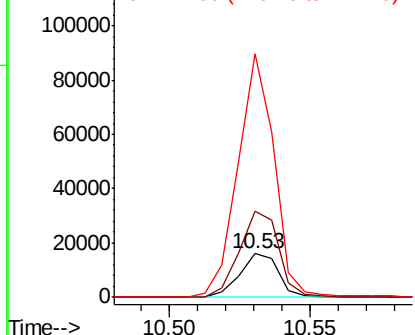
#66
4-Bromophenyl-phenylether
Concen: 2.367 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15304
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 559.0 74.4 111.6#

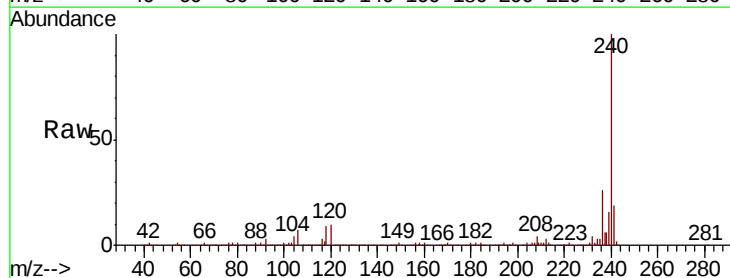


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

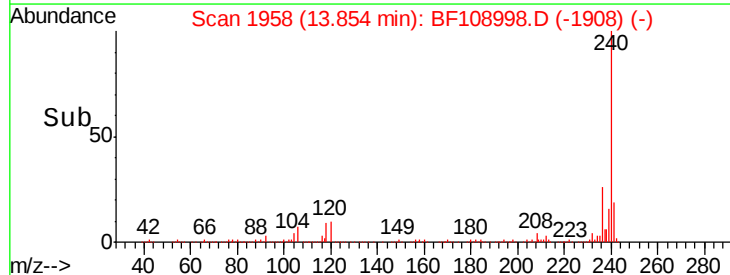
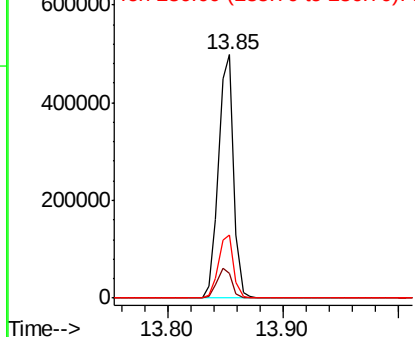


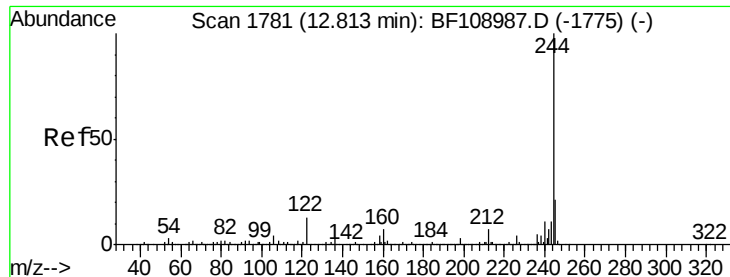
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF108998.D
Acq: 14 Sep 2018 16:49

Tgt Ion:240 Resp: 453626
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 25.8 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

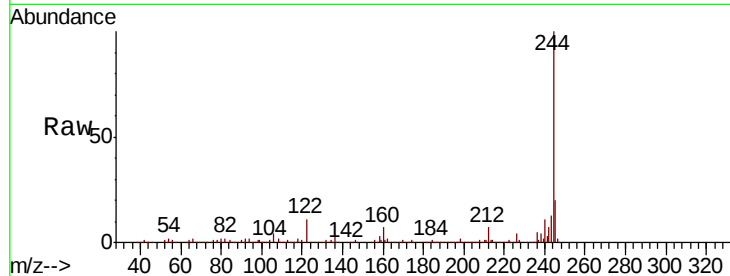




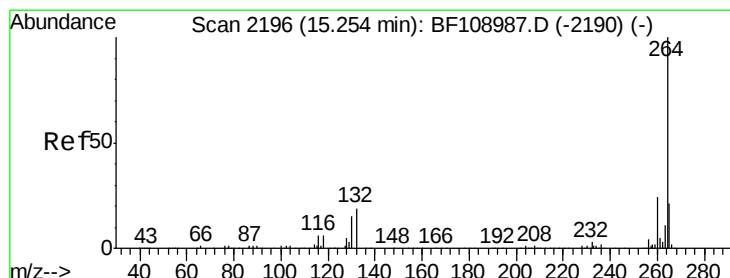
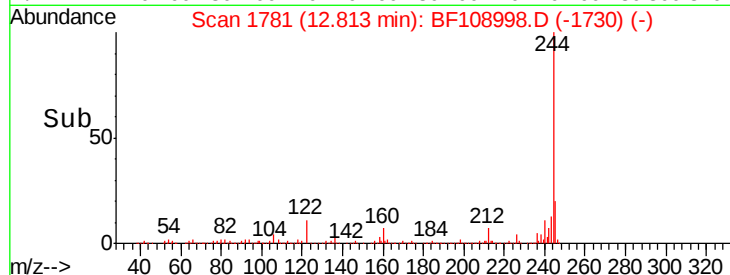
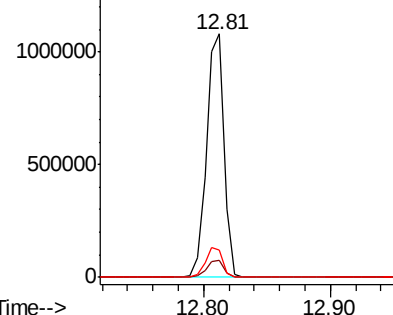
#78
 Terphenyl-d14
 Concen: 54.282 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF108998.D
 Acq: 14 Sep 2018 16:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1038852
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.0 11.0 16.4

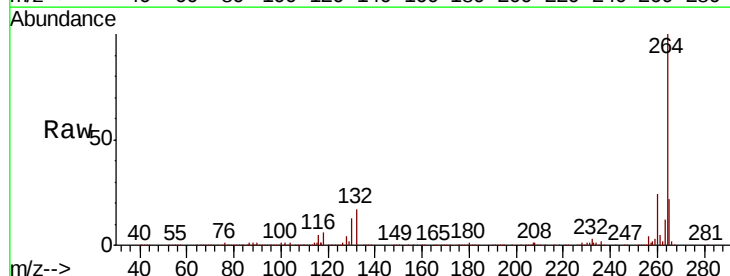


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF108998.D
 Acq: 14 Sep 2018 16:49

Tgt Ion:264 Resp: 389517
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

