

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109390.D
 Acq On : 27 Sep 2018 16:38
 Operator : JU/SJ
 Sample : J5066-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 17:56:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

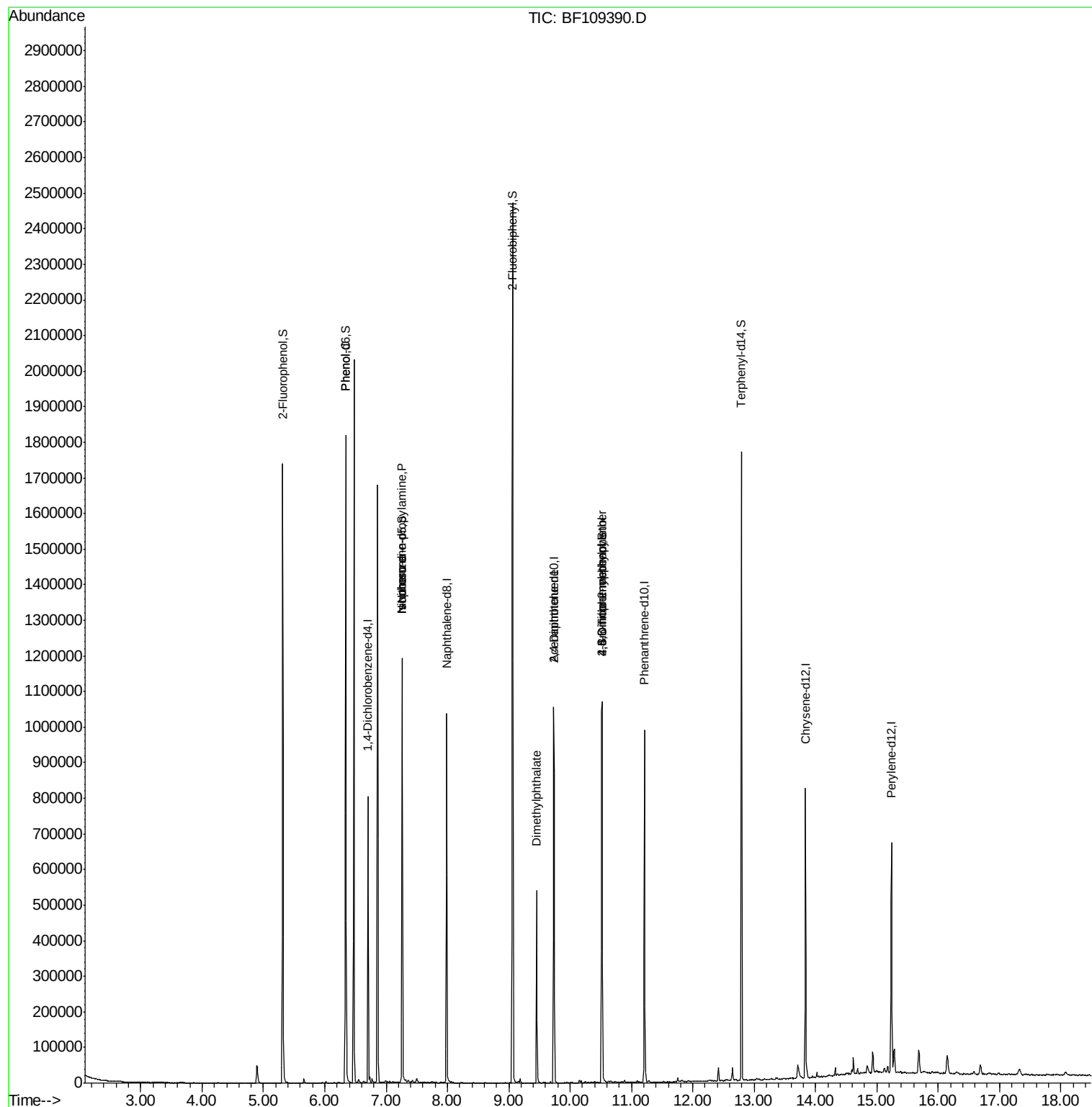
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109319	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	420954	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	204647	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	369846	20.00	ng	0.00
75) Chrysene-d12	13.84	240	248104	20.00	ng	0.00
86) Perylene-d12	15.24	264	289779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	469594	70.75	ng	0.00
7) Phenol-d6	6.35	99	606071	71.56	ng	-0.01
23) Nitrobenzene-d5	7.26	82	382379	53.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	139918	69.36	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	727629	53.62	ng	-0.01
78) Terphenyl-d14	12.79	244	583427	57.71	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	23242	2.423	ng	77
19) n-Nitroso-di-n-propylamine	7.26	70	53411	9.624	ng	# 76
25) Isophorone	7.26	82	357413	27.834	ng	# 64
49) Dimethylphthalate	9.46	163	219178	14.725	ng	98
56) 2,4-Dinitrotoluene	9.73	165	25195	6.755	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	242	6.661	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8453	2.058	ng	# 1

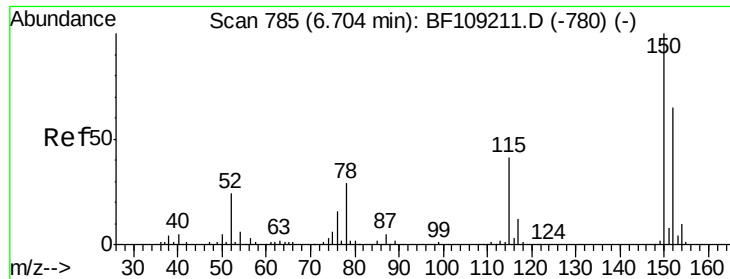
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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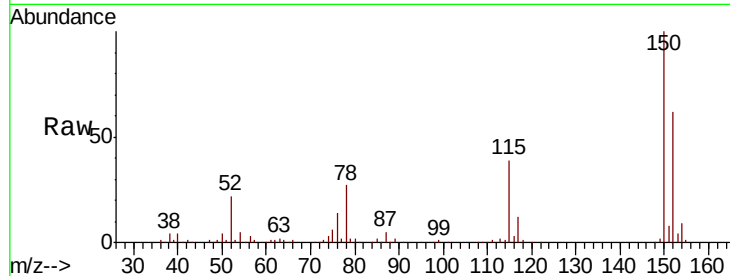


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	62.4	50.1	75.1

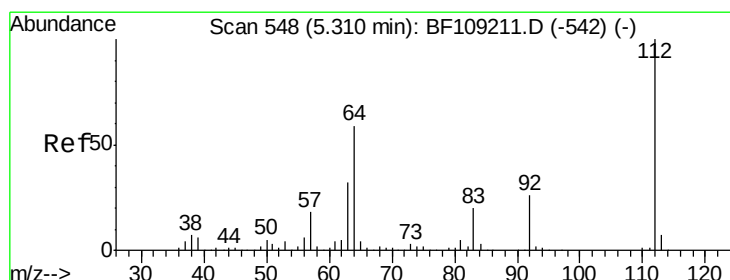
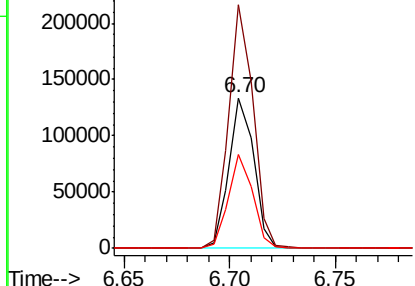
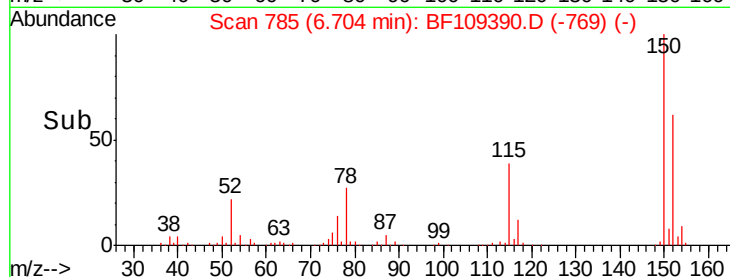


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

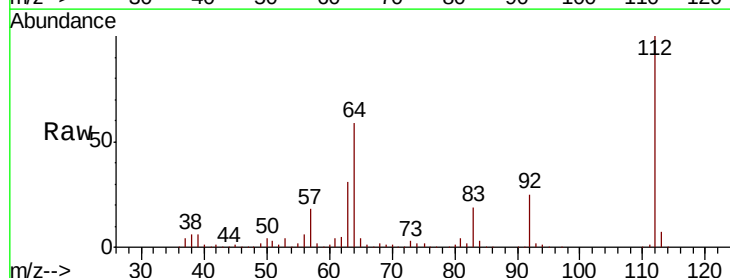
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 70.752 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	31.0	23.7	35.5

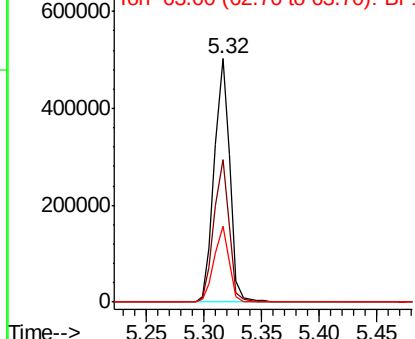
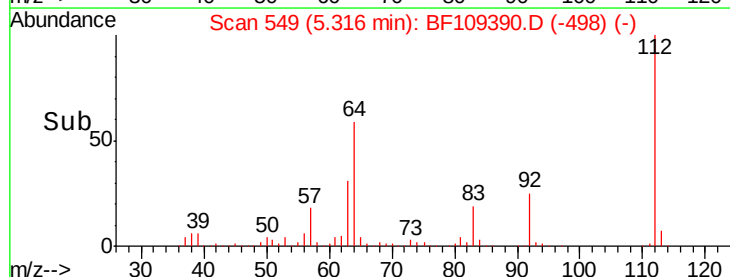


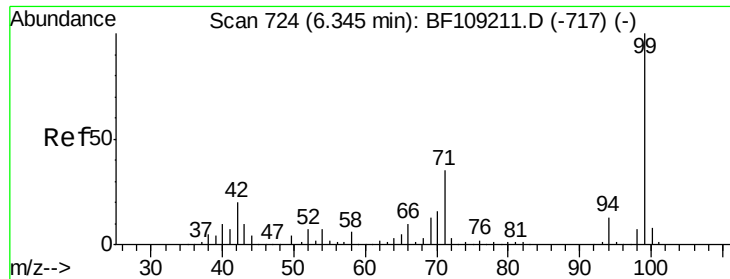
Abundance

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: 71.561 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109390.D

Acq: 27 Sep 2018 16:38

Instrument :

BNA_F

ClientSampleId :

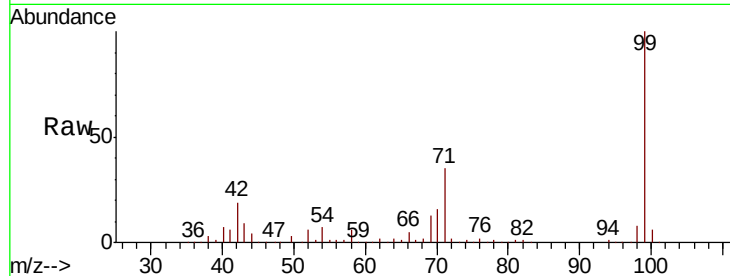
Tot Ion: 99 Resp: 606071

Ion Ratio Lower Upper

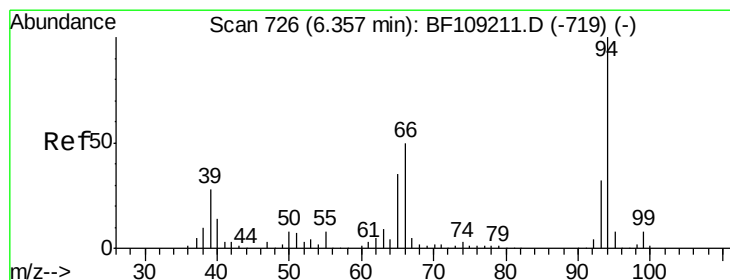
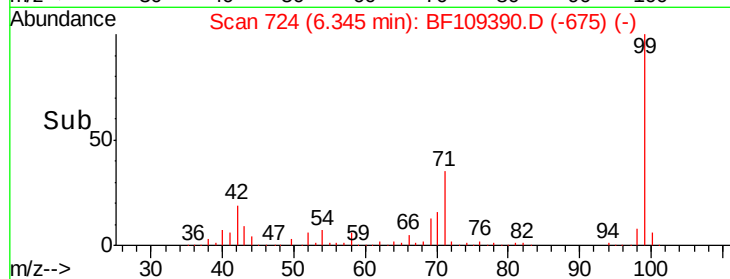
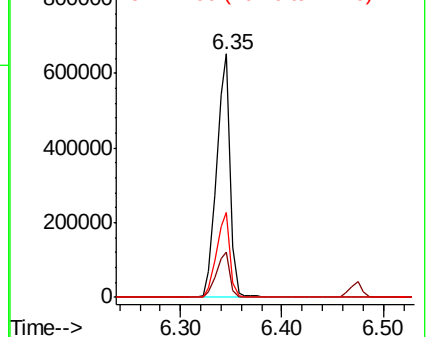
99 100

42 18.5 14.5 21.7

71 34.9 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



#10

Phenol

Concen: 2.423 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109390.D

Acq: 27 Sep 2018 16:38

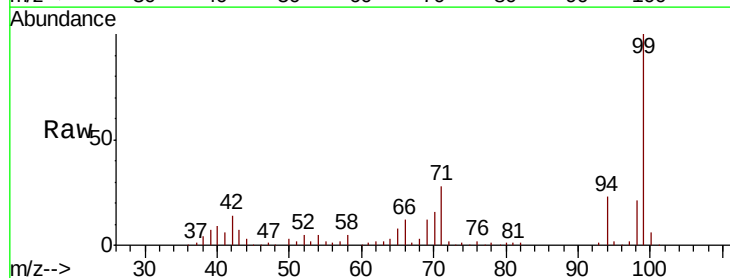
Tgt Ion: 94 Resp: 23242

Ion Ratio Lower Upper

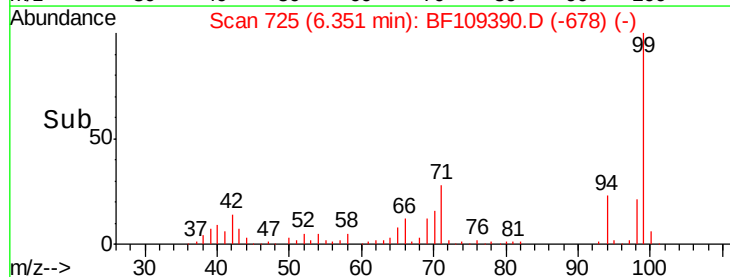
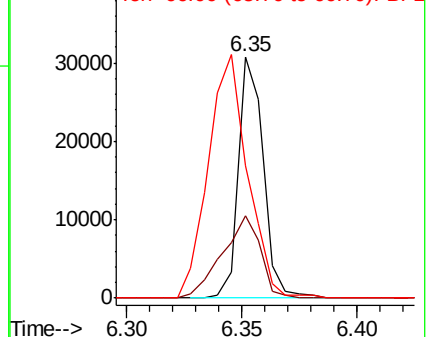
94 100

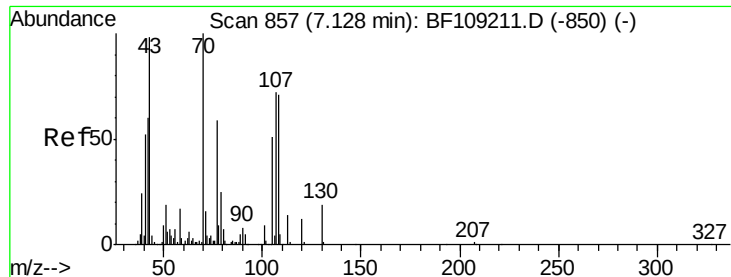
65 34.1 7.9 47.9

66 54.9 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

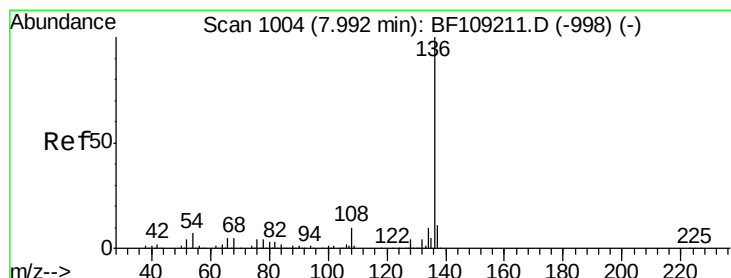
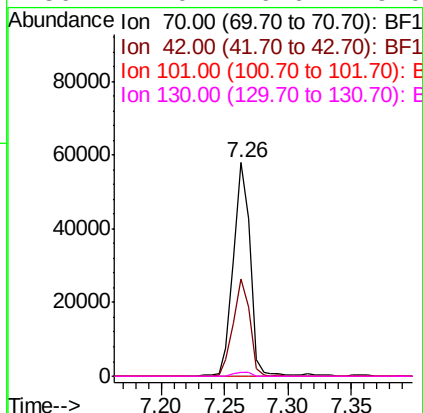
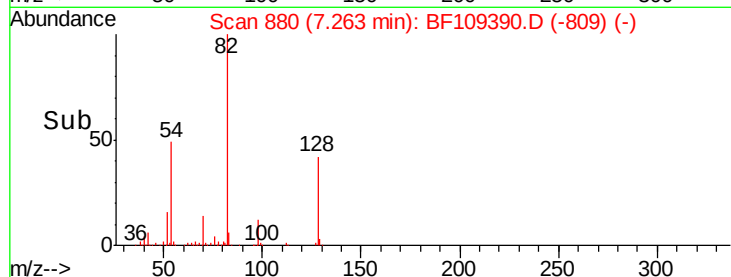
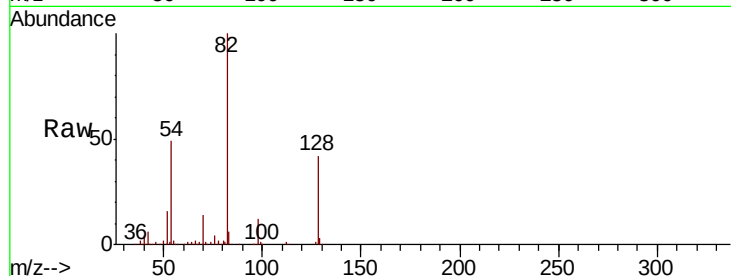




#19
n-Nitroso-di-n-propylamine
Concen: 9.624 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

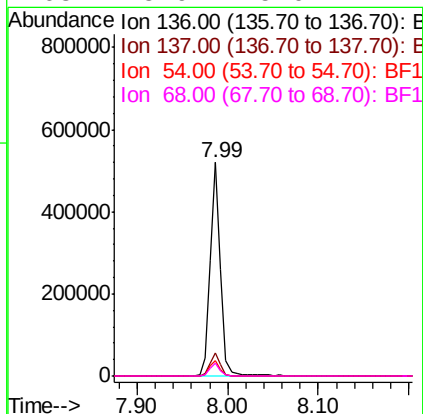
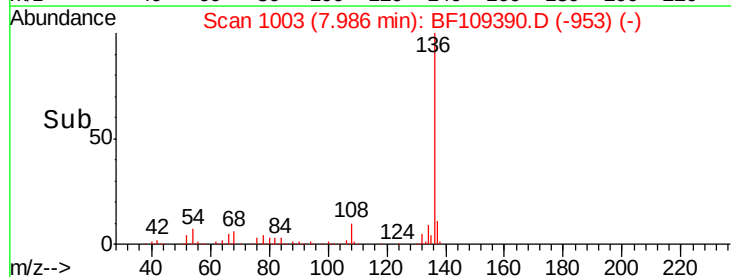
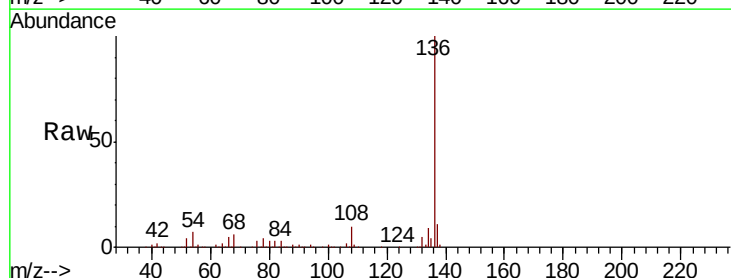
Instrument :
BNA_F
ClientSampleId :

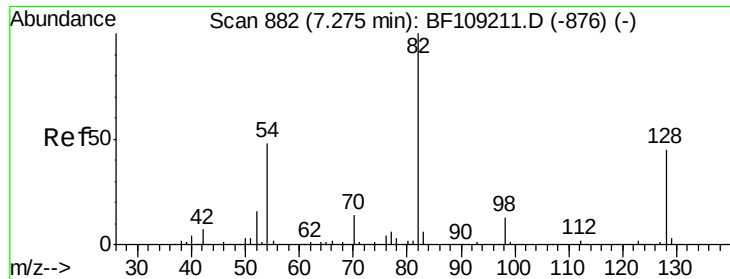
Tot Ion: 70 Resp: 53411
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Tgt Ion: 136 Resp: 420954
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

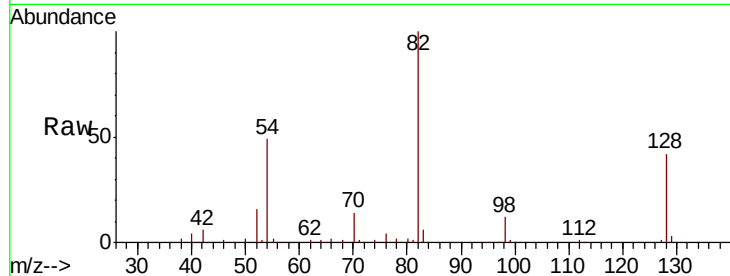




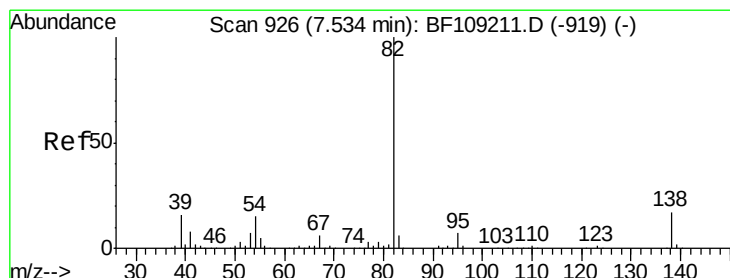
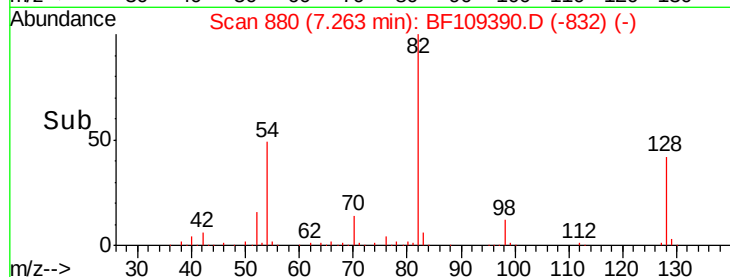
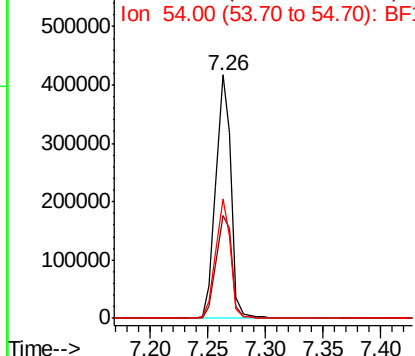
#23
 Nitrobenzene-d5
 Concen: 53.622 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109390.D
 Acq: 27 Sep 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 382379
 Ion Ratio Lower Upper
 82 100
 128 42.5 36.1 54.1
 54 49.0 41.4 62.2

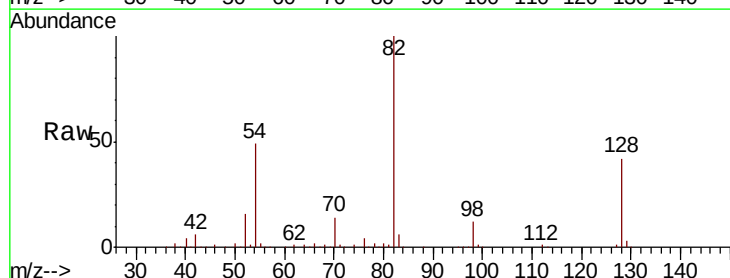


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

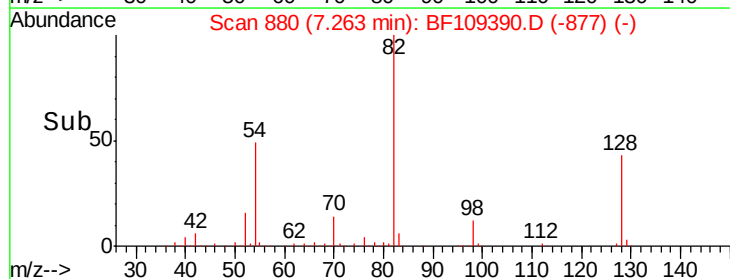
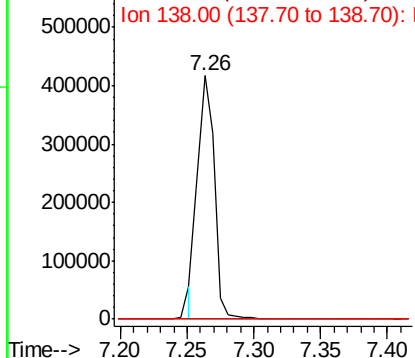


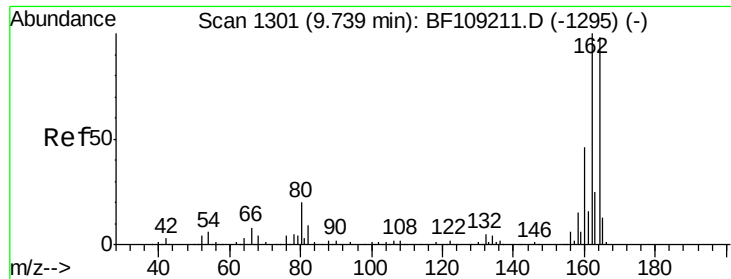
#25
 Isophorone
 Concen: 27.834 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109390.D
 Acq: 27 Sep 2018 16:38

Tgt Ion: 82 Resp: 357413
 Ion Ratio Lower Upper
 82 100
 95 0.1 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

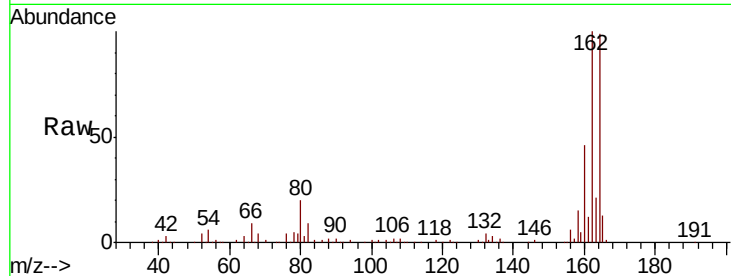




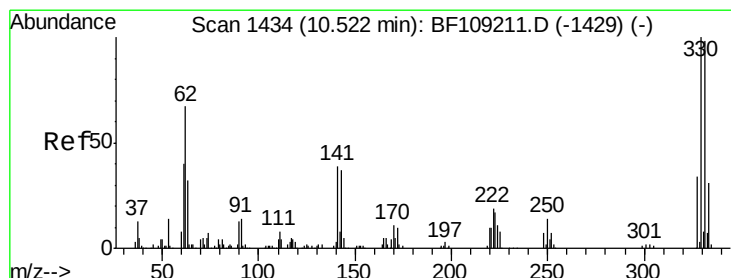
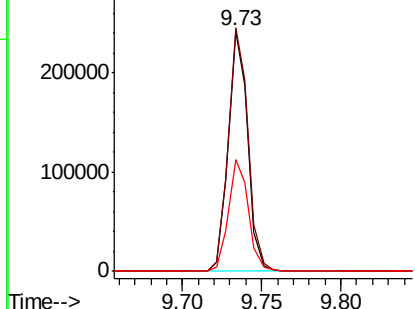
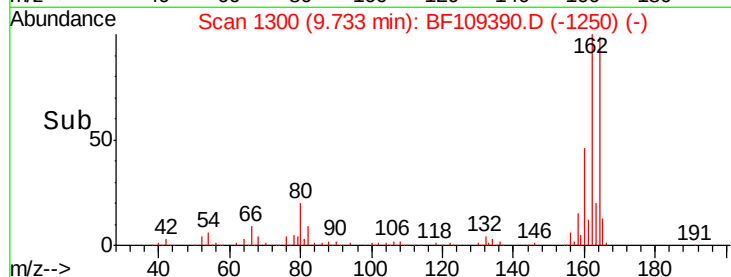
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109390.D
 Acq: 27 Sep 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.6	38.3	57.5

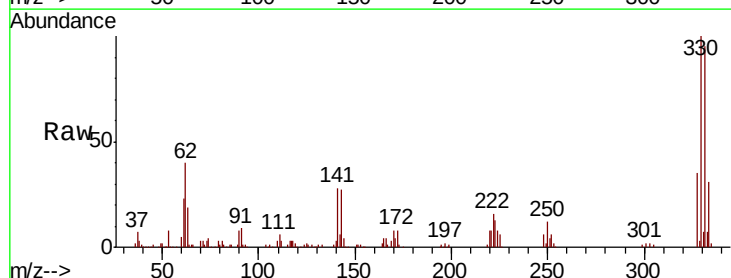


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

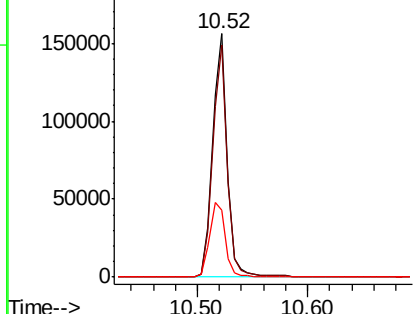
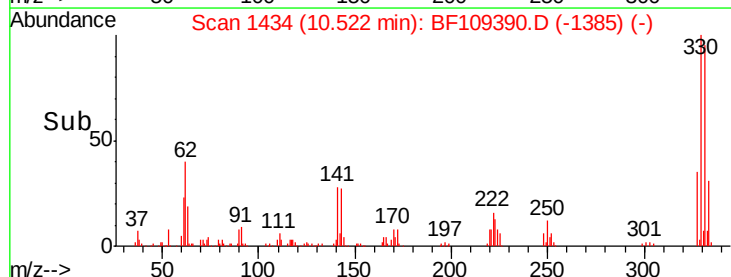


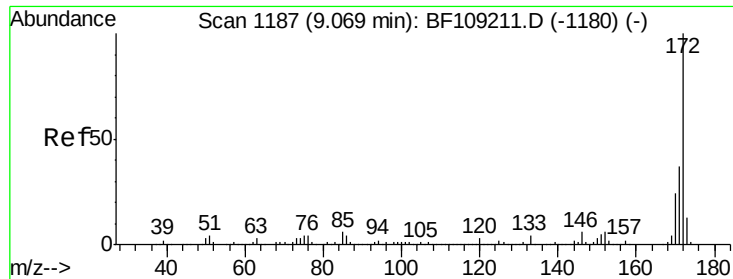
#41
 2,4,6-Tribromophenol
 Concen: 69.356 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109390.D
 Acq: 27 Sep 2018 16:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	32.8	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

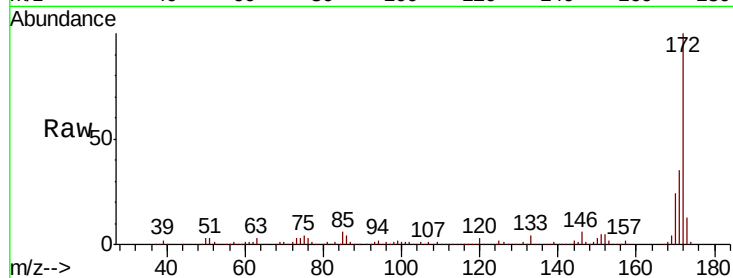




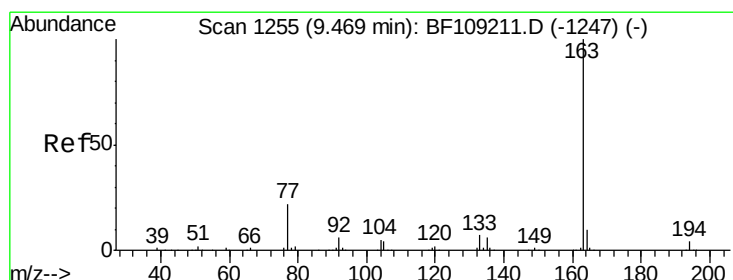
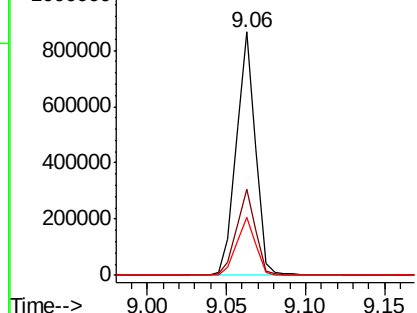
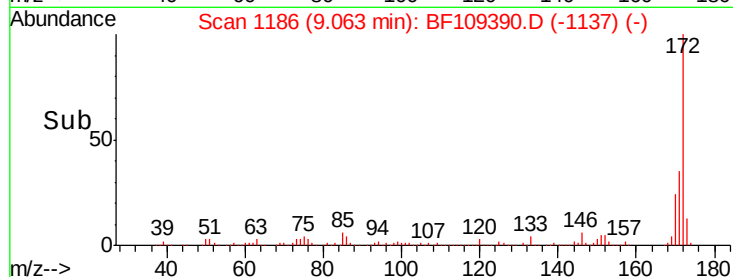
#44
2-Fluorobiphenyl
Concen: 53.624 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 727629
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.7 19.6 29.4

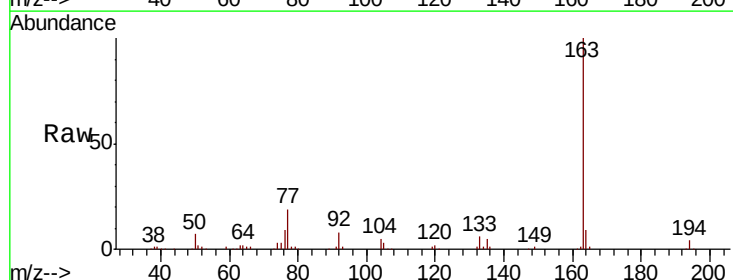


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

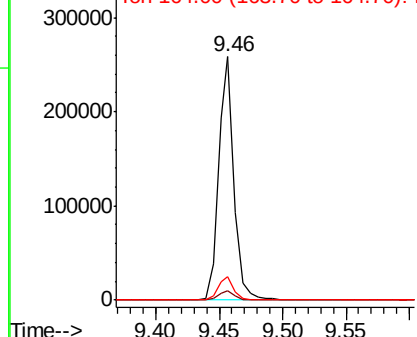
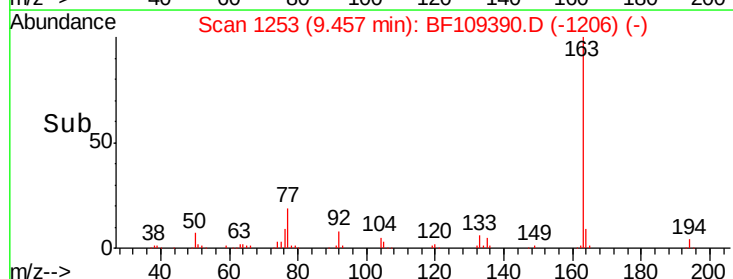


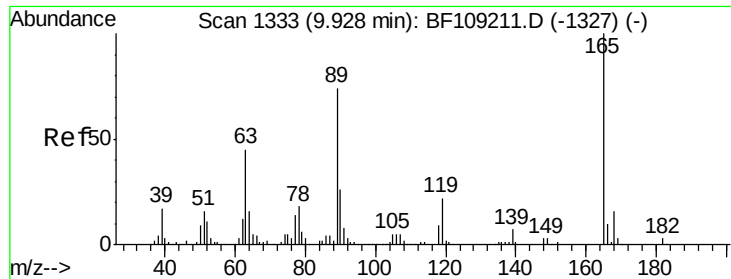
#49
Dimethylphthalate
Concen: 14.725 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Tgt Ion:163 Resp: 219178
Ion Ratio Lower Upper
163 100
194 3.9 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

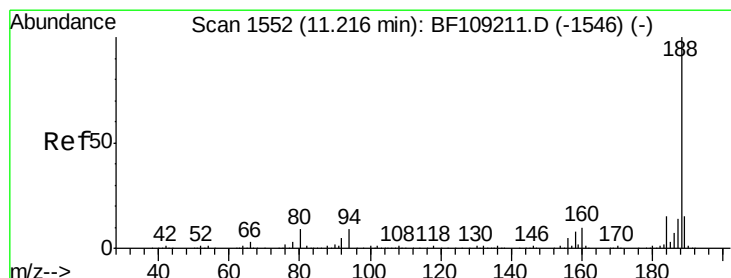
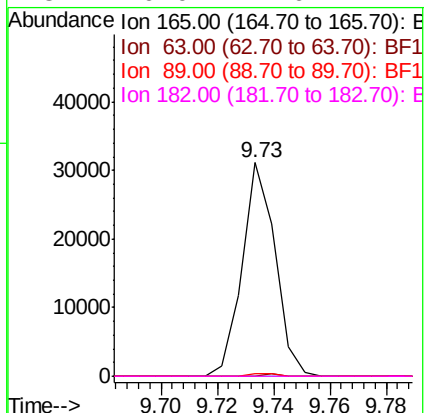
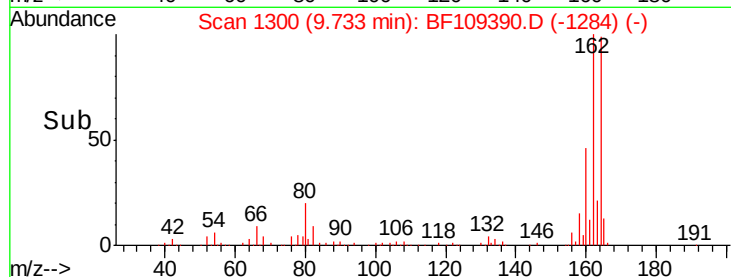
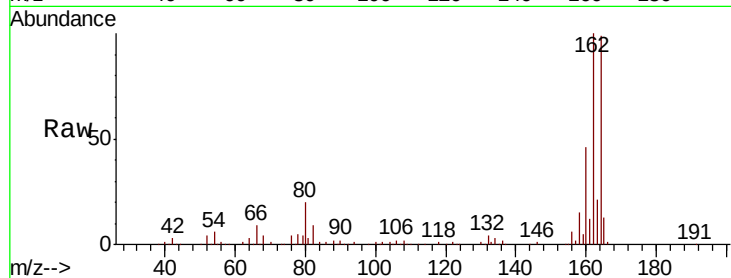




#56
 2,4-Dinitrotoluene
 Concen: 6.755 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109390.D
 Acq: 27 Sep 2018 16:38

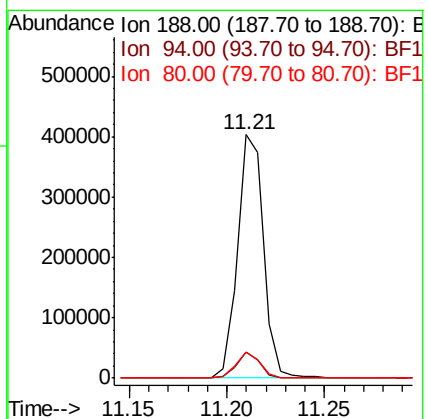
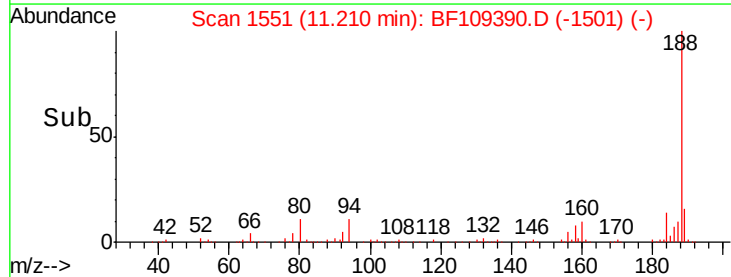
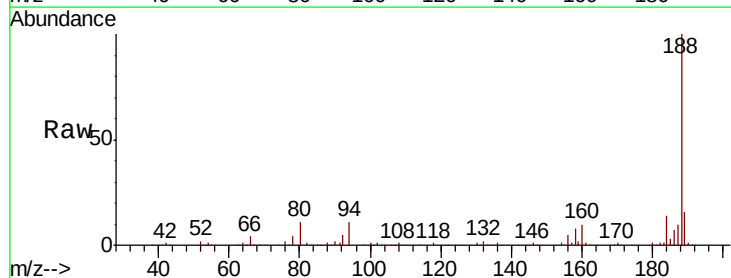
Instrument :
 BNA_F
 ClientSampleID :

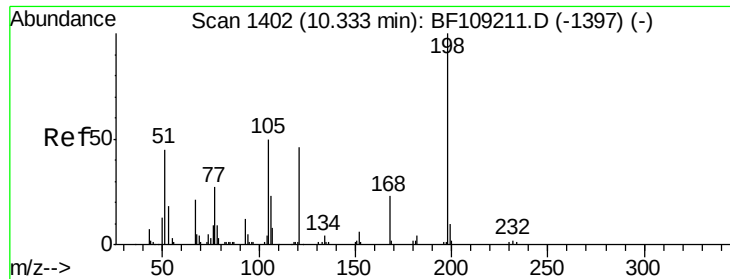
Tot Ion:165	Resp:	25195
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109390.D
 Acq: 27 Sep 2018 16:38

Tgt Ion:188	Resp:	369846
Ion Ratio	Lower	Upper
188	100	
94	10.6	8.5 12.7
80	10.7	9.2 13.8

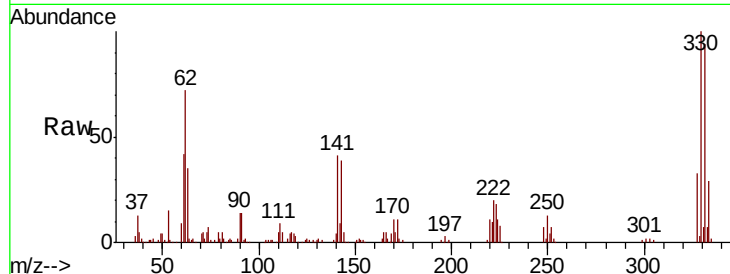




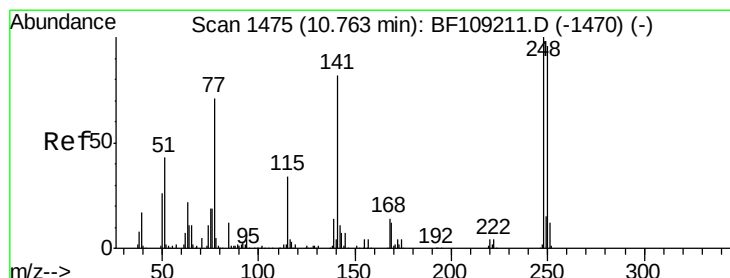
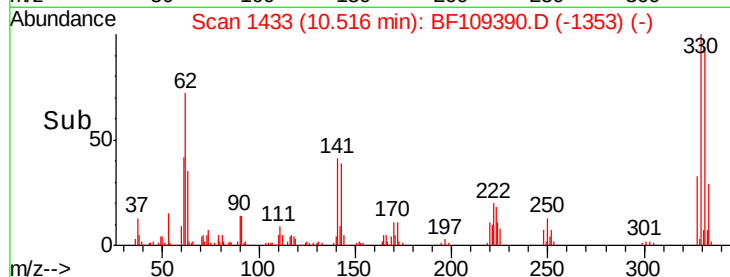
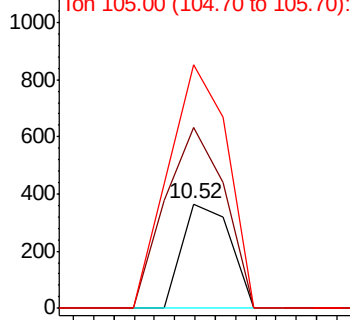
#64
4,6-Dinitro-2-methylphenol
Concen: 6.661 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 242
Ion Ratio Lower Upper
198 100
51 173.4 37.7 77.7#
105 233.4 36.3 76.3#

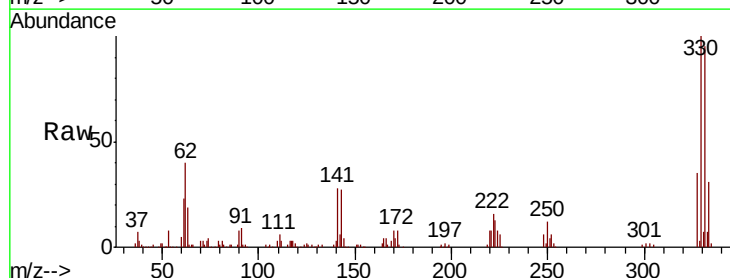


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

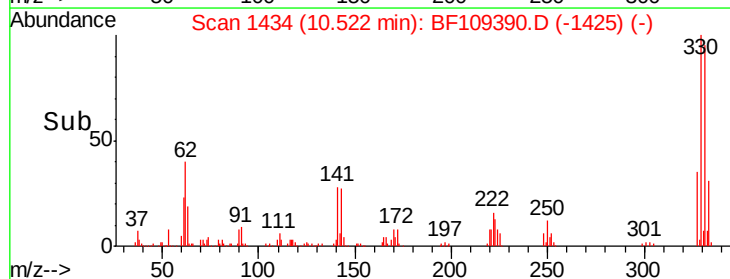
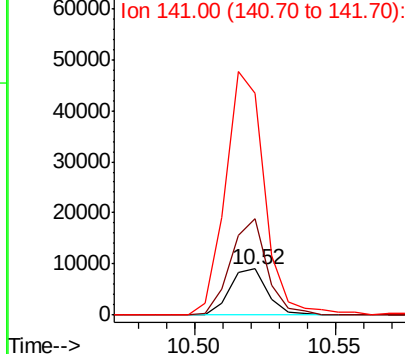


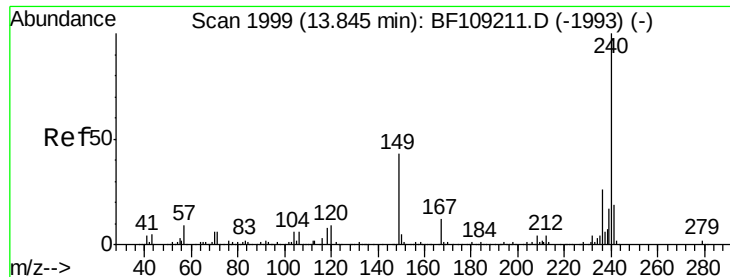
#66
4-Bromophenyl-phenylether
Concen: 2.058 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Tgt Ion:248 Resp: 8453
Ion Ratio Lower Upper
248 100
250 208.5 76.9 115.3#
141 476.5 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109390.D

Acq: 27 Sep 2018 16:38

Instrument :

BNA_F

ClientSampleId :

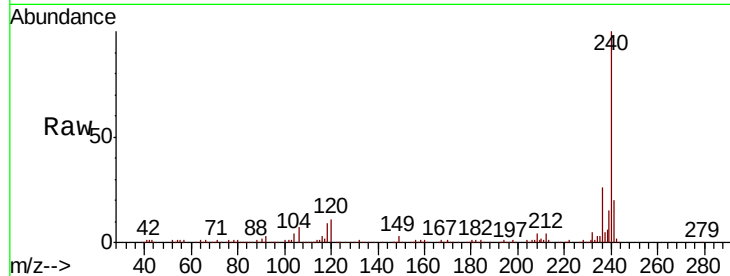
Tot Ion:240 Resp: 248104

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

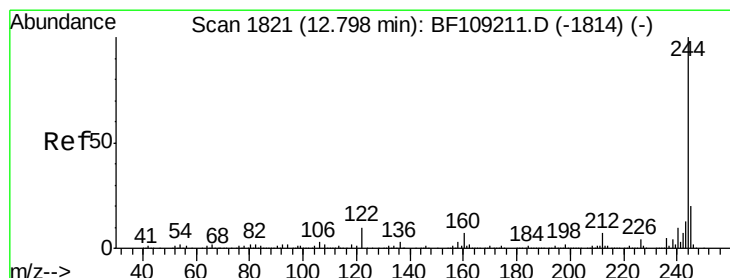
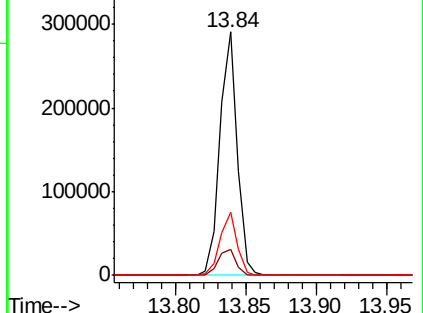
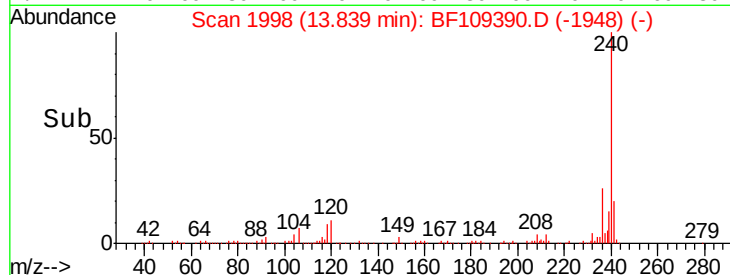
236 25.7 20.7 31.1



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: 57.711 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109390.D

Acq: 27 Sep 2018 16:38

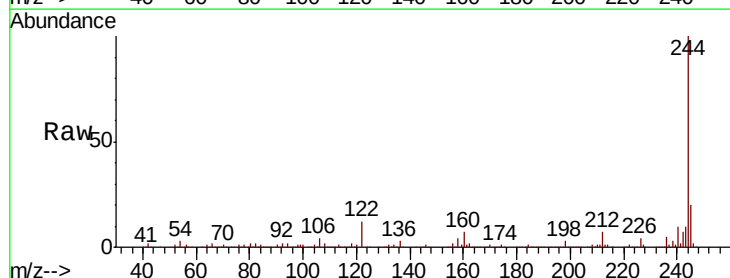
Tgt Ion:244 Resp: 583427

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

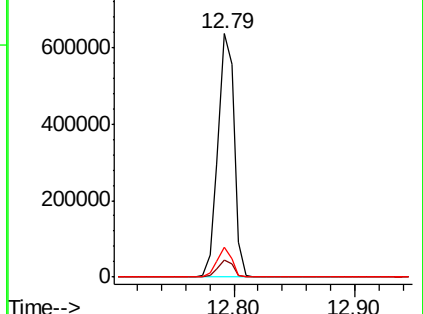
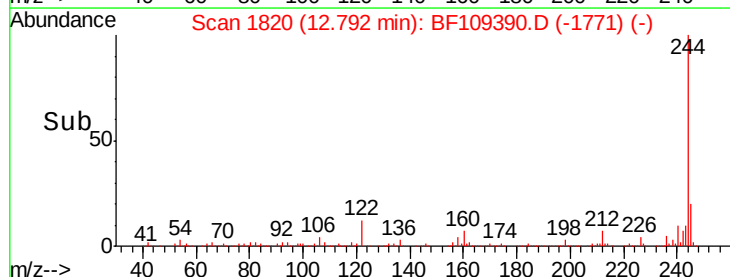
122 12.3 11.0 16.4

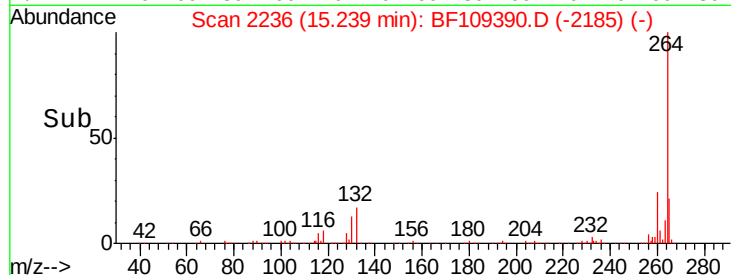
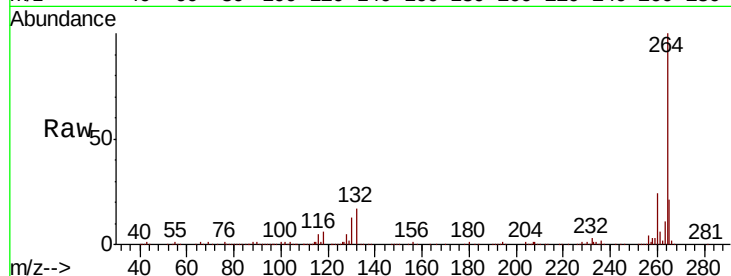
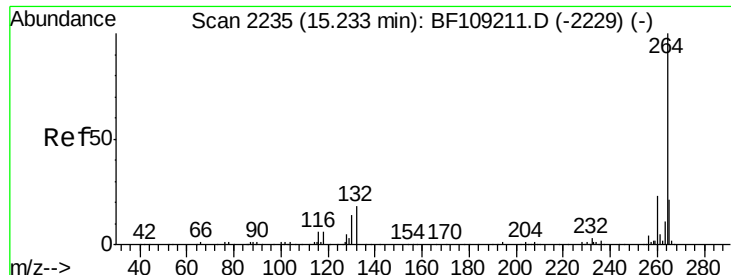


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109390.D
Acq: 27 Sep 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	289779
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3

