

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109422.D
 Acq On : 28 Sep 2018 9:12
 Operator : JU/SJ
 Sample : J5133-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 11:54:51 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

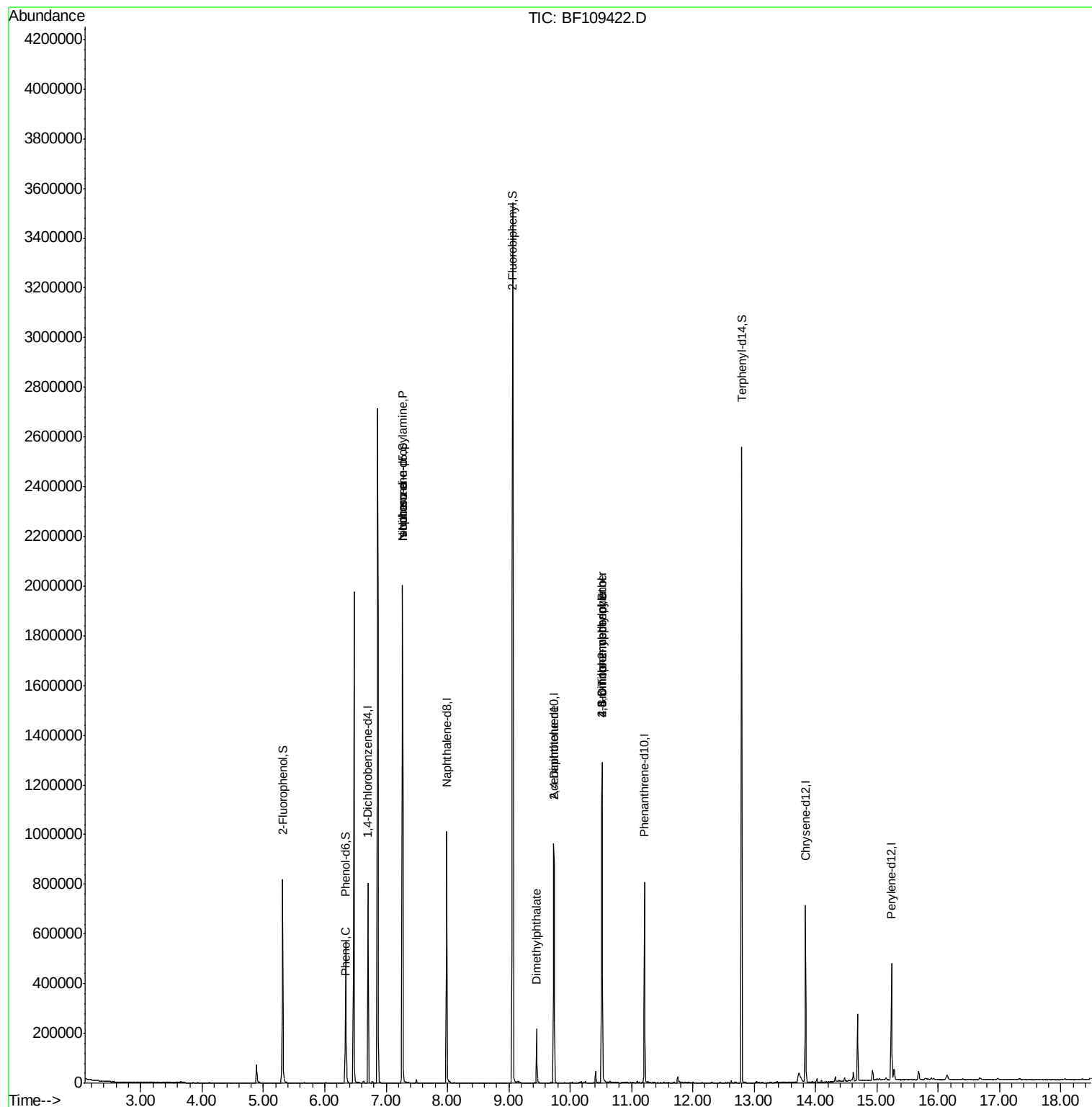
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112038	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	422134	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	190975	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	314002	20.00	ng	0.00
75) Chrysene-d12	13.84	240	252162	20.00	ng	0.00
86) Perylene-d12	15.24	264	209281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	243198	35.75	ng	0.00
7) Phenol-d6	6.34	99	185529	21.37	ng	-0.02
23) Nitrobenzene-d5	7.27	82	684768	95.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	157551	83.69	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1204468	95.12	ng	-0.01
78) Terphenyl-d14	12.80	244	877725	85.42	ng	0.00
Target Compounds						
10) Phenol	6.35	94	38571	3.924	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	93254	16.396	ng	# 78
25) Isophorone	7.27	82	656171	50.957	ng	# 64
49) Dimethylphthalate	9.46	163	91598	6.594	ng	98
56) 2,4-Dinitrotoluene	9.73	165	24194	6.951	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	305	6.729	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9291	2.665	ng	# 1

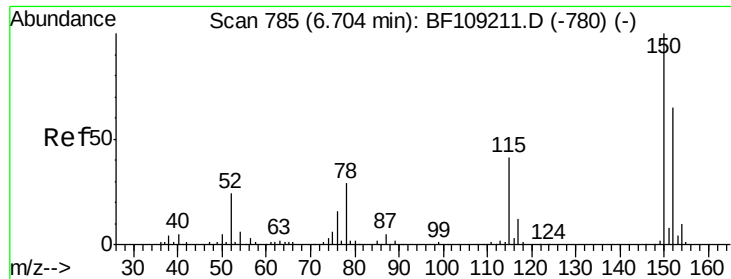
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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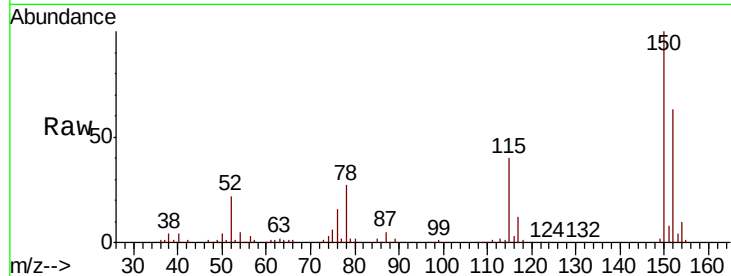


#1

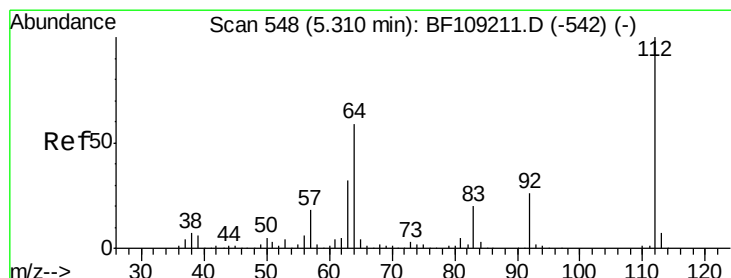
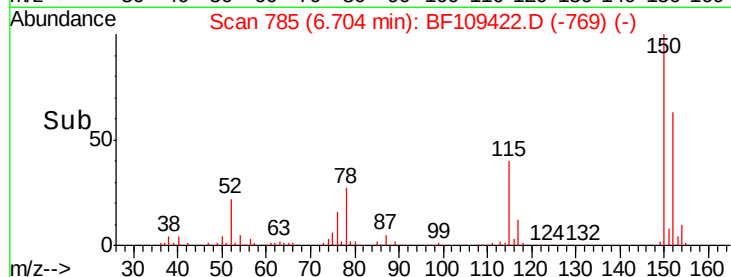
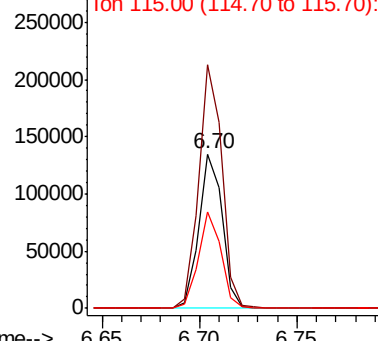
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109422.D
Acq: 28 Sep 2018 9:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112038
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.4 50.1 75.1



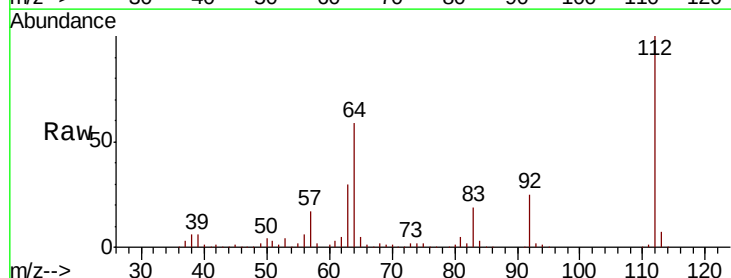
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



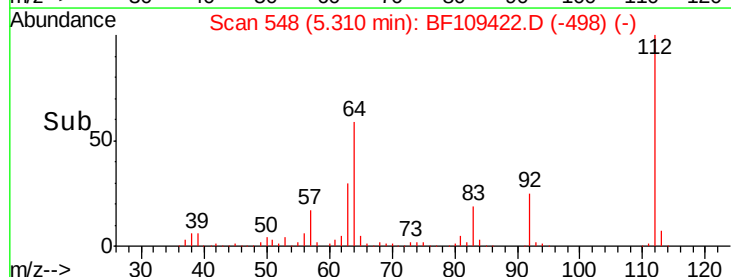
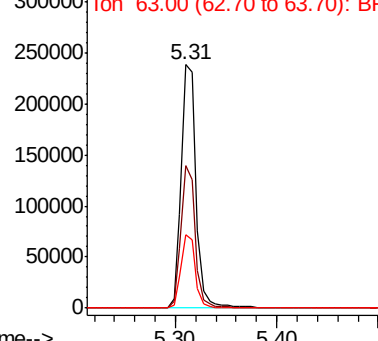
#5

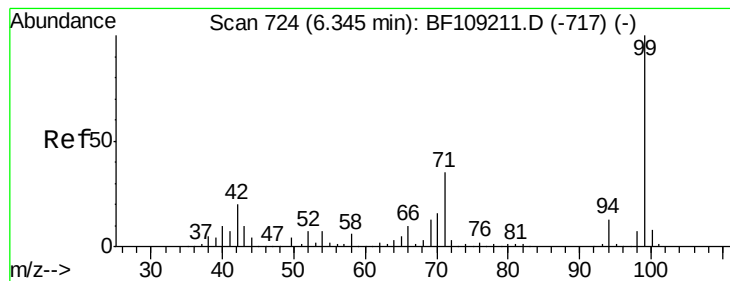
2-Fluorophenol
Concen: 35.753 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109422.D
Acq: 28 Sep 2018 9:12

Tgt Ion:112 Resp: 243198
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 30.4 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: 21.375 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109422.D

Acq: 28 Sep 2018 9:12

Instrument :

BNA_F

ClientSampled :

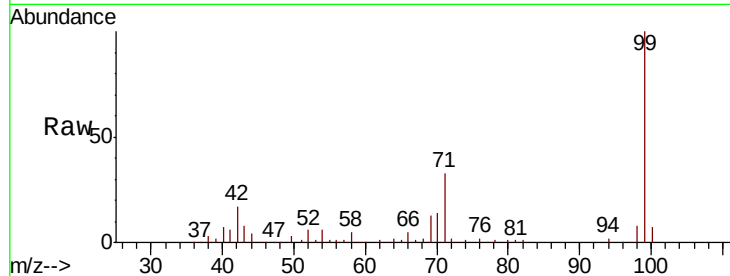
Tot Ion: 99 Resp: 185529

Ion Ratio Lower Upper

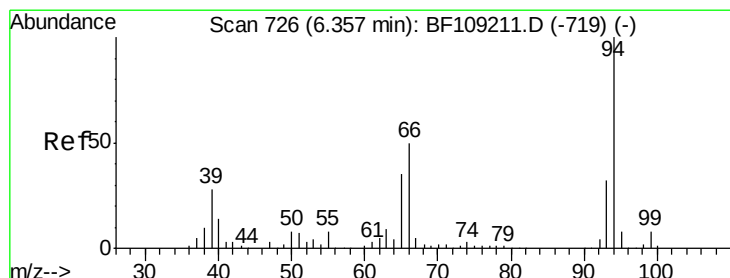
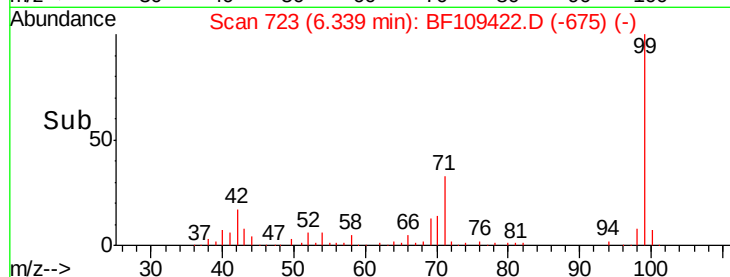
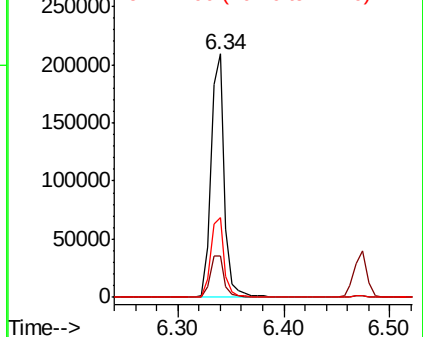
99 100

42 17.1 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



#10

Phenol

Concen: 3.924 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109422.D

Acq: 28 Sep 2018 9:12

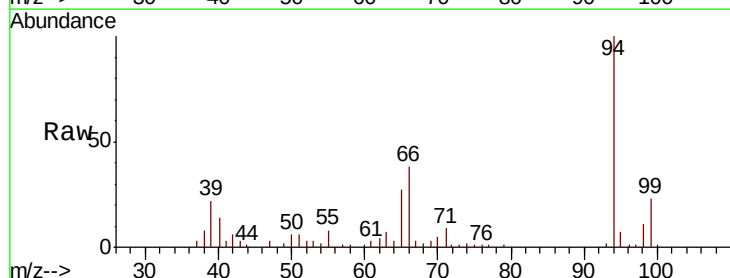
Tgt Ion: 94 Resp: 38571

Ion Ratio Lower Upper

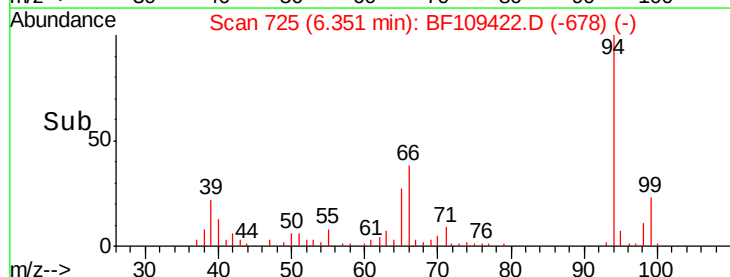
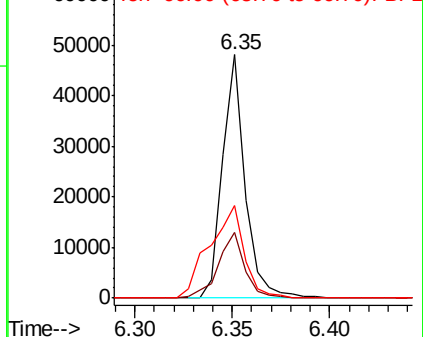
94 100

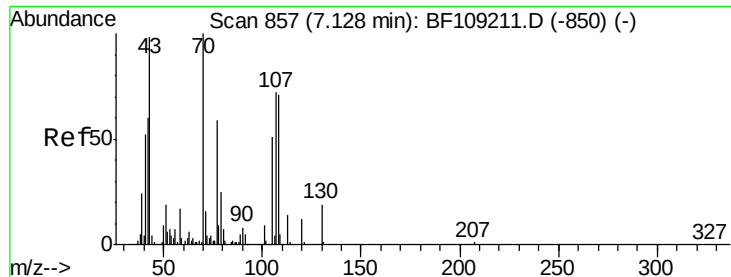
65 27.2 7.9 47.9

66 38.1 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

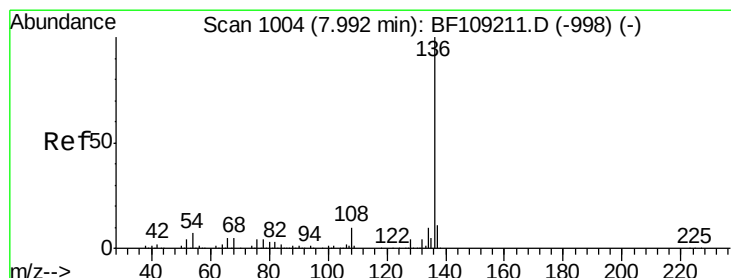
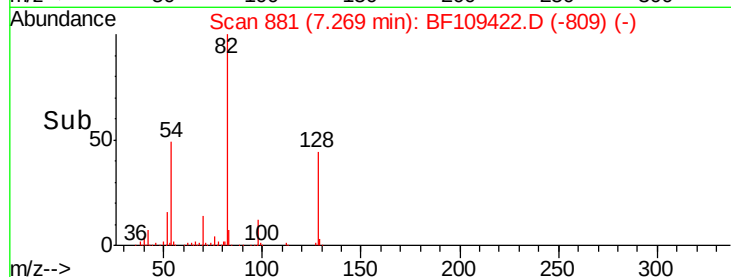
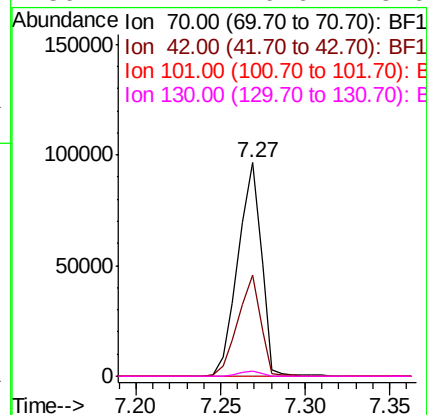
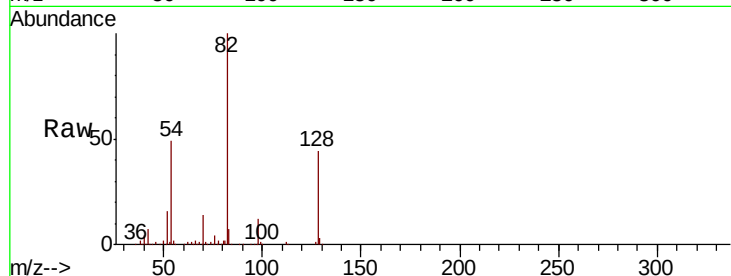




#19
n-Nitroso-di-n-propylamine
Concen: 16.396 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109422.D
Acq: 28 Sep 2018 9:12

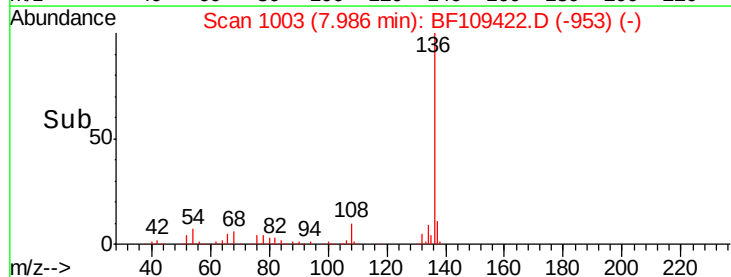
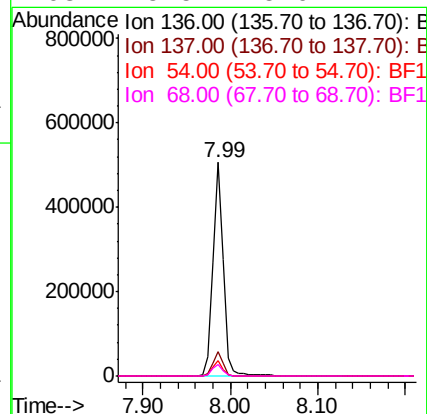
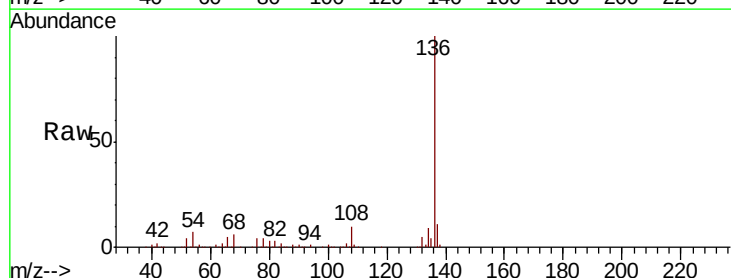
Instrument :
BNA_F
ClientSampled :

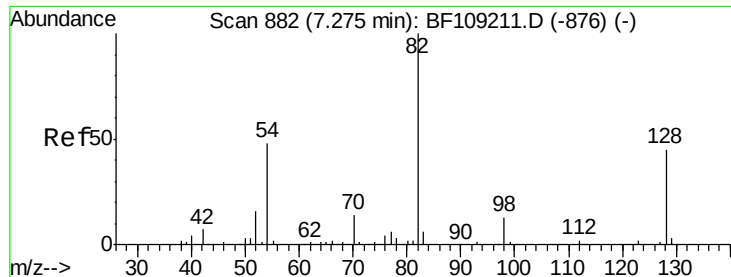
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.4	47.5	71.3#	
101	0.0	7.4	11.2#	
130	2.4	16.6	25.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109422.D
Acq: 28 Sep 2018 9:12

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.2	6.6	9.8	
68	5.5	5.0	7.4	

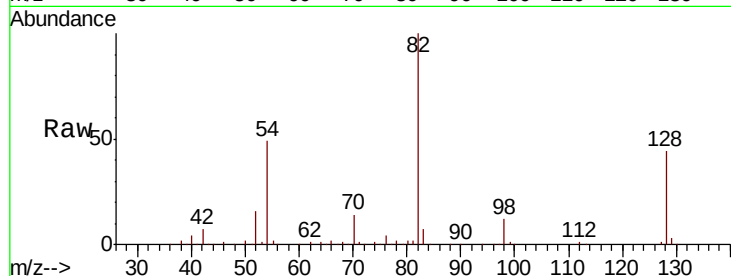




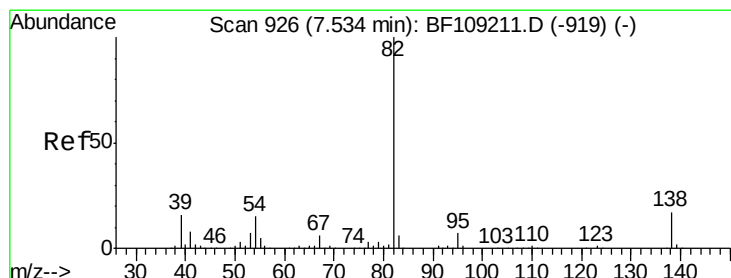
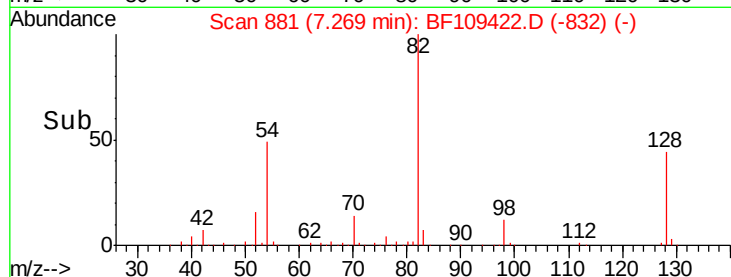
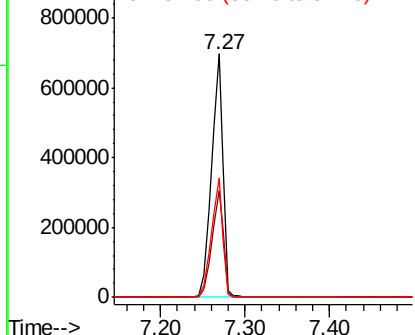
#23
 Nitrobenzene-d5
 Concen: 95.758 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	48.9	41.4	62.2

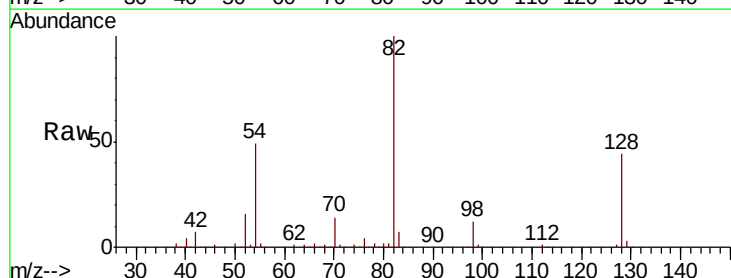


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

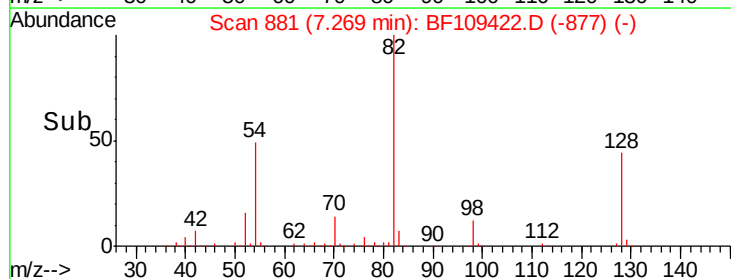
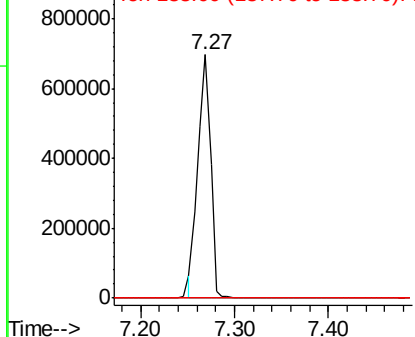


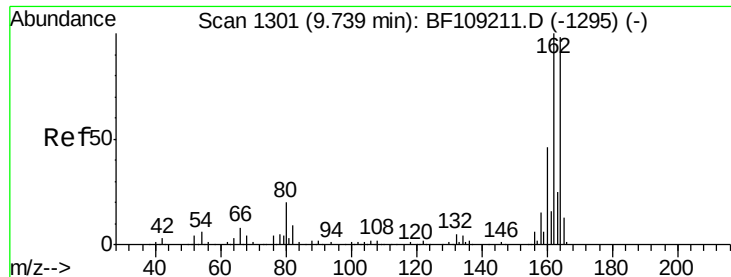
#25
 Isophorone
 Concen: 50.957 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Tgt 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

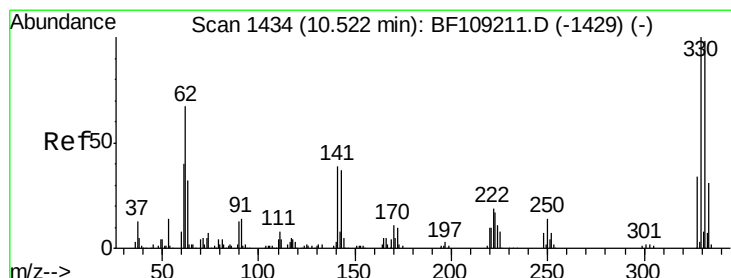
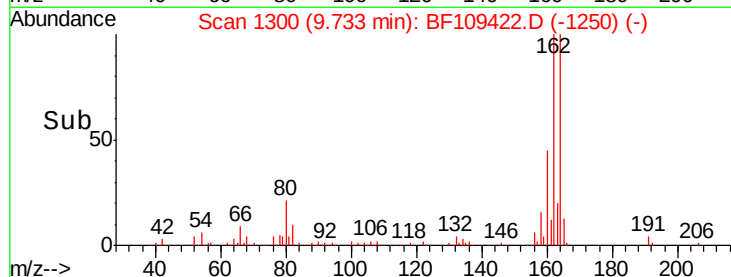
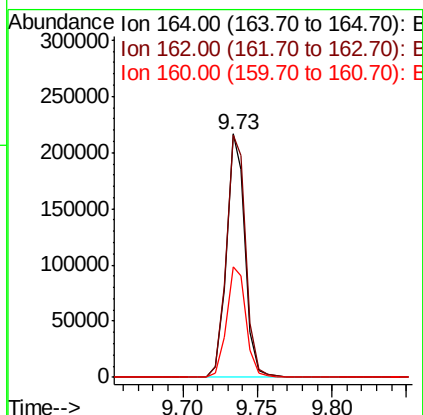
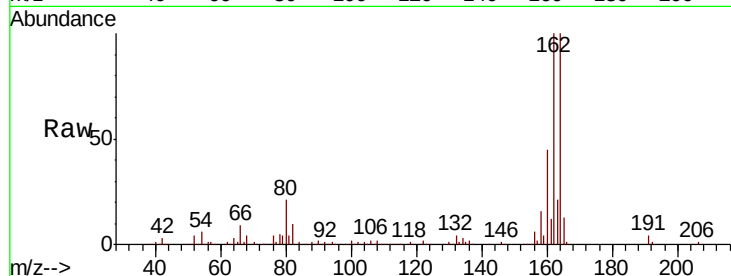




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

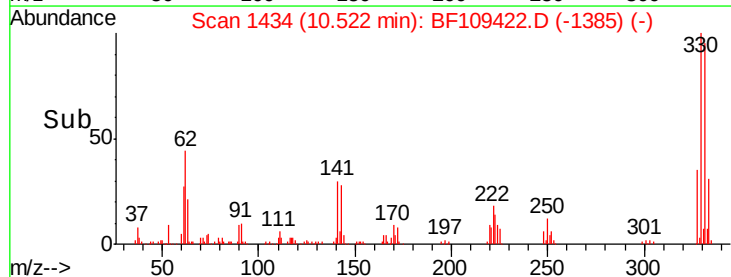
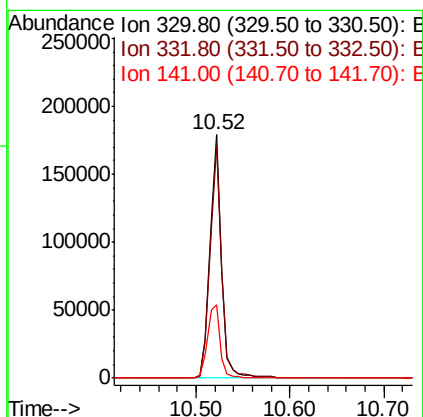
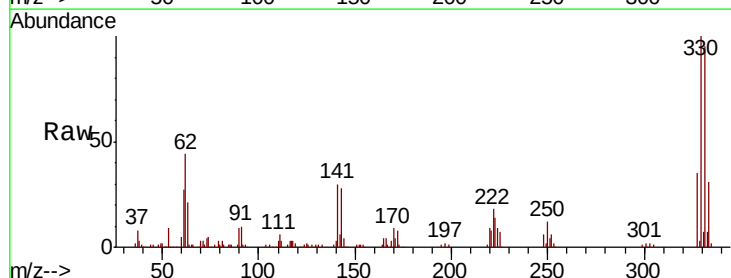
Instrument :
 BNA_F
 ClientSampled :

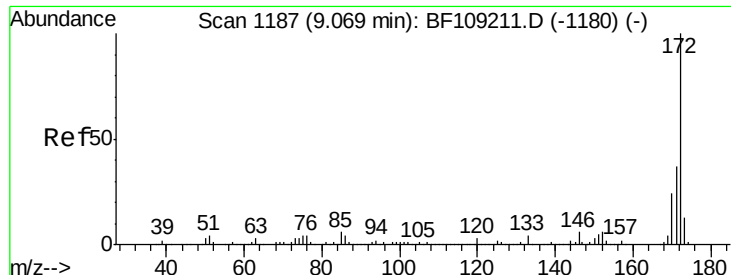
Tot Ion:164 Resp: 190975
 Ion Ratio Lower Upper
 164 100
 162 99.8 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.687 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Tgt Ion:330 Resp: 157551
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.5 29.9 44.9

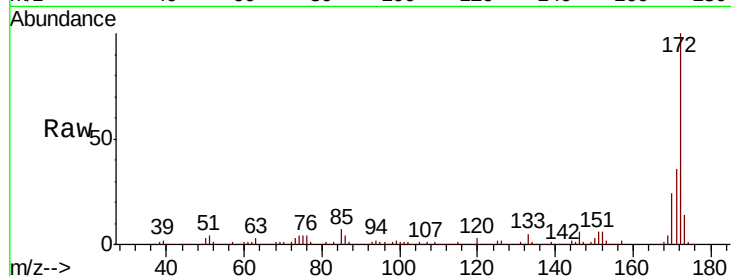




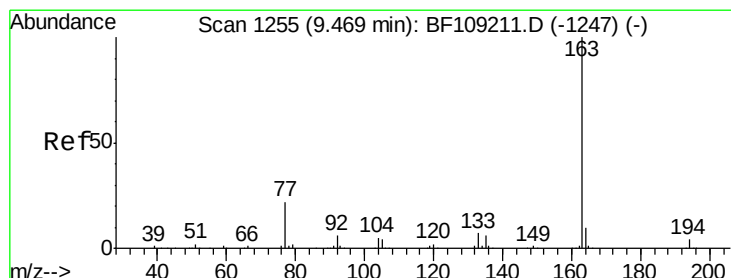
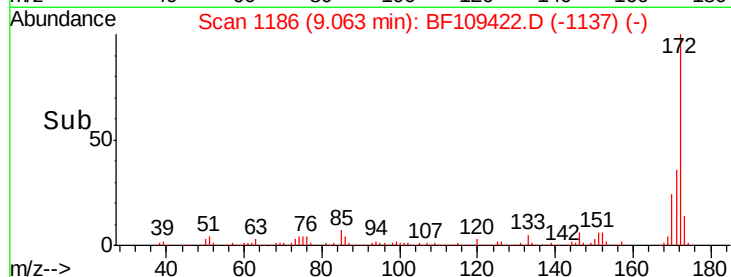
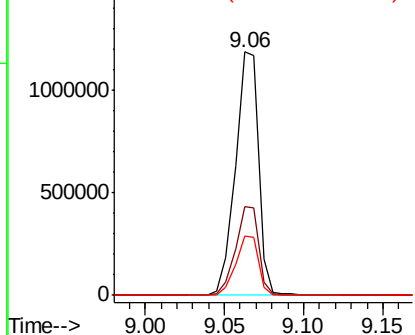
#44
2-Fluorobiphenyl
Concen: 95.121 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109422.D
Acq: 28 Sep 2018 9:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1204468
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

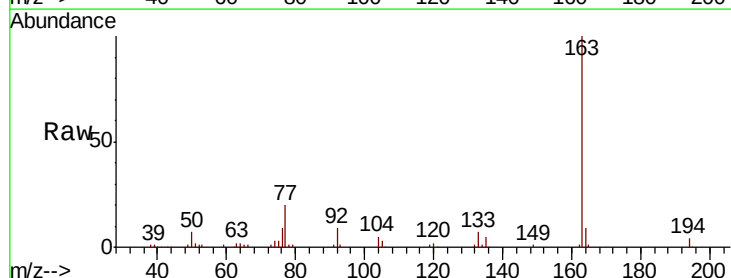


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

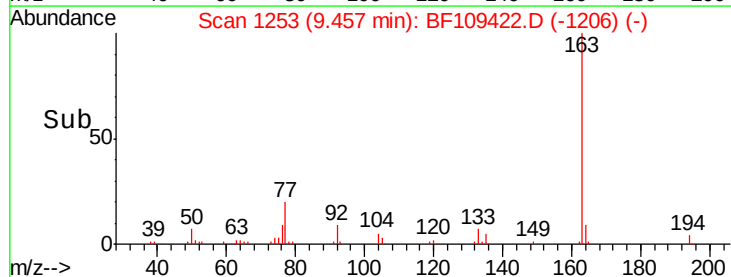
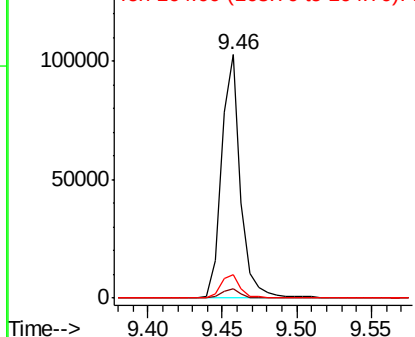


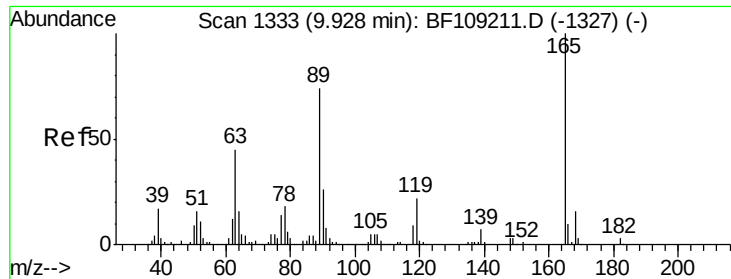
#49
Dimethylphthalate
Concen: 6.594 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109422.D
Acq: 28 Sep 2018 9:12

Tgt Ion:163 Resp: 91598
Ion Ratio Lower Upper
163 100
194 3.7 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

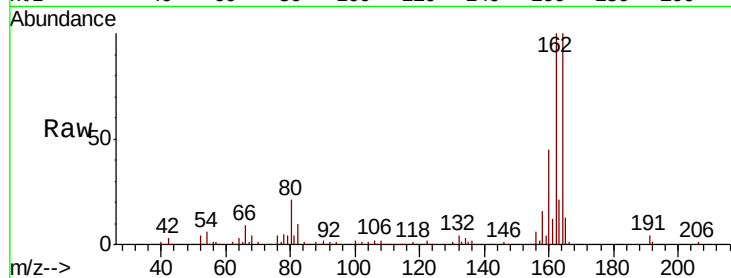




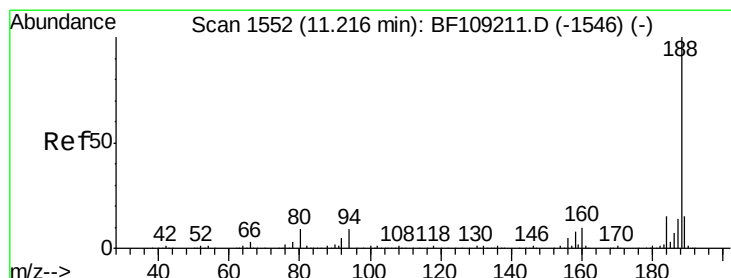
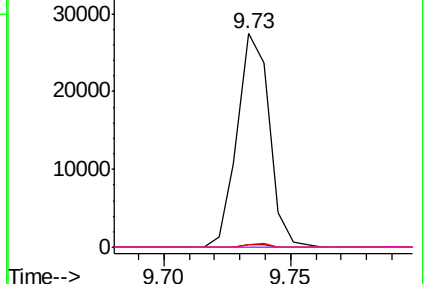
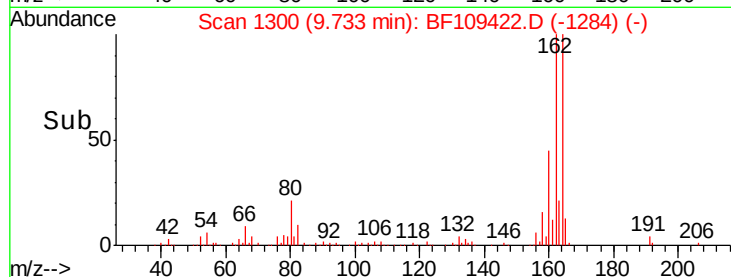
#56
 2,4-Dinitrotoluene
 Concen: 6.951 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24194
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#

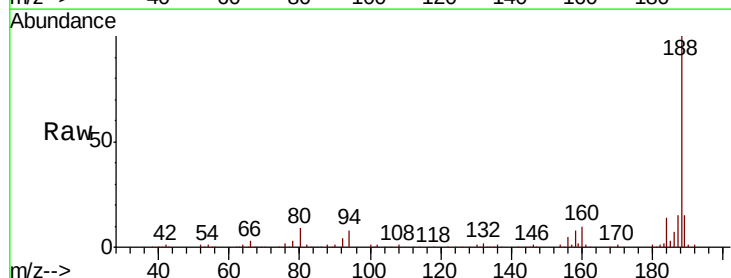


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

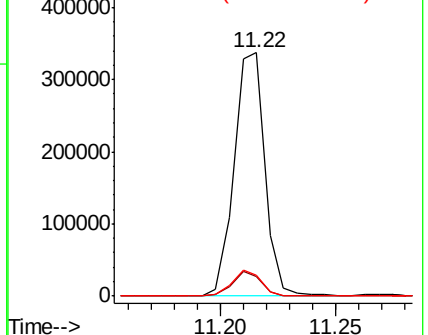
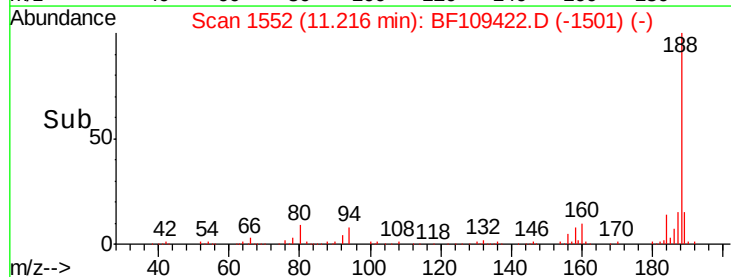


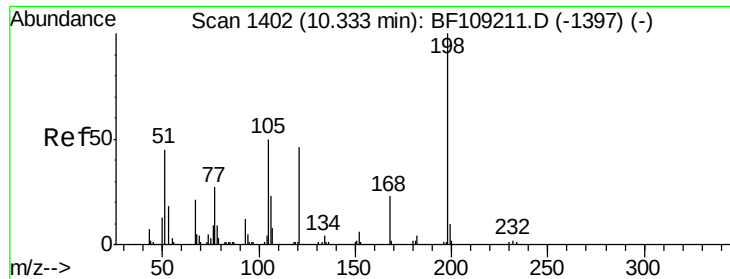
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Tgt Ion:188 Resp: 314002
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 8.5 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

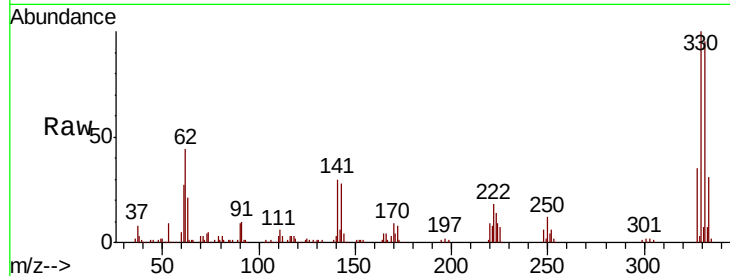




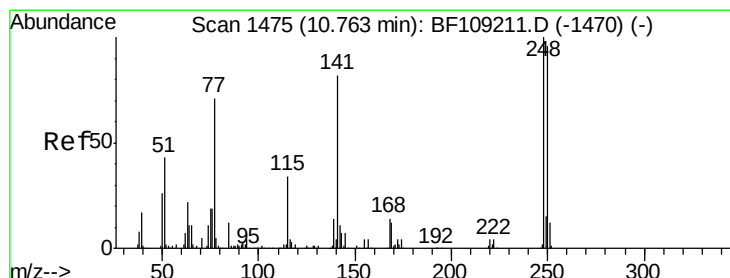
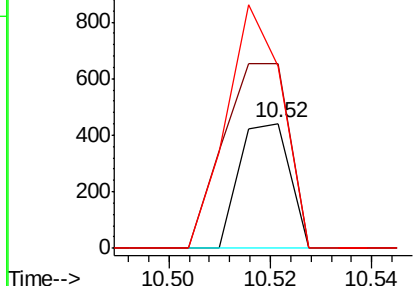
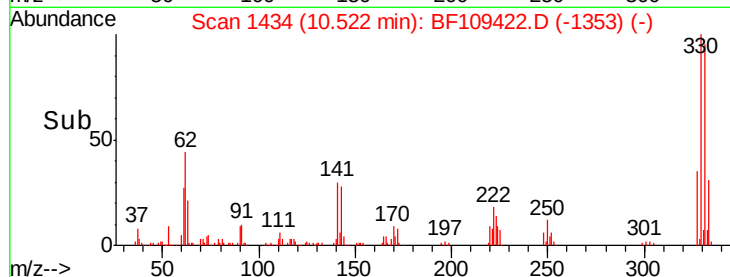
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.729 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 305
 Ion Ratio Lower Upper
 198 100
 51 147.8 37.7 77.7#
 105 145.6 36.3 76.3#

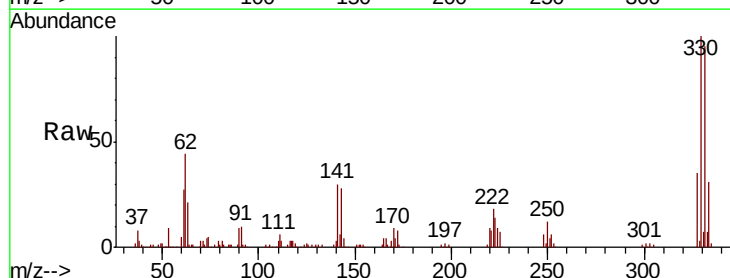


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

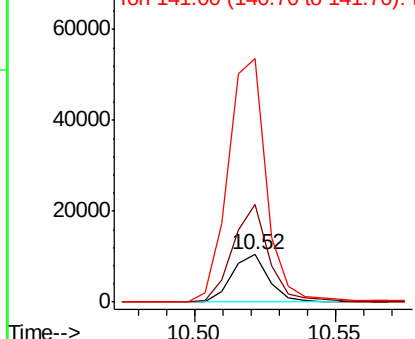
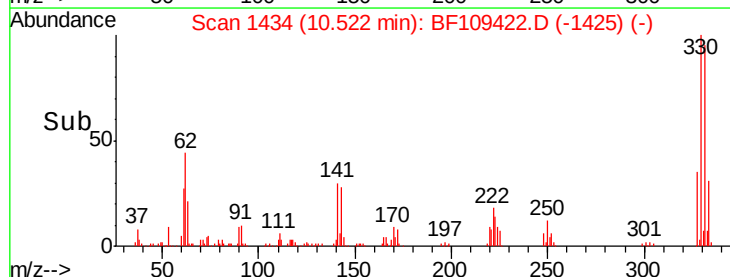


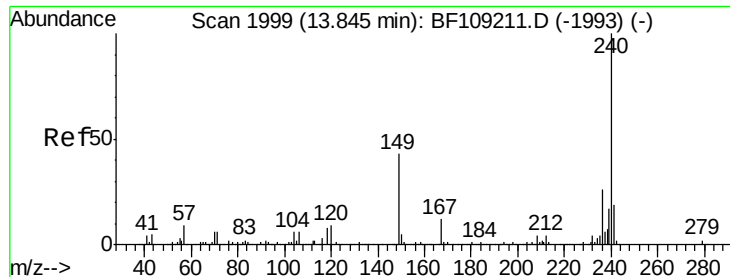
#66
 4-Bromophenyl-phenylether
 Concen: 2.665 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109422.D
 Acq: 28 Sep 2018 9:12

Tgt Ion:248 Resp: 9291
 Ion Ratio Lower Upper
 248 100
 250 205.3 76.9 115.3#
 141 511.1 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: BF109422.D

Acq: 28 Sep 2018 9:12

Instrument :

BNA_F

ClientSampleId :

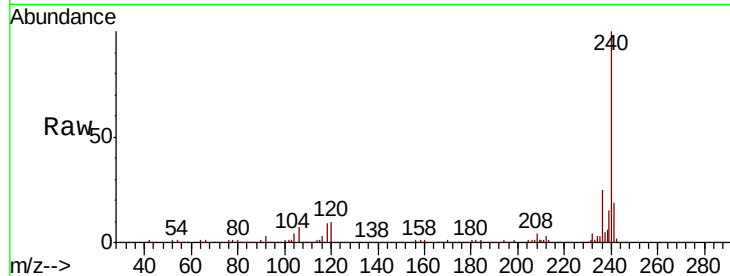
Tot Ion:240 Resp: 252162

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

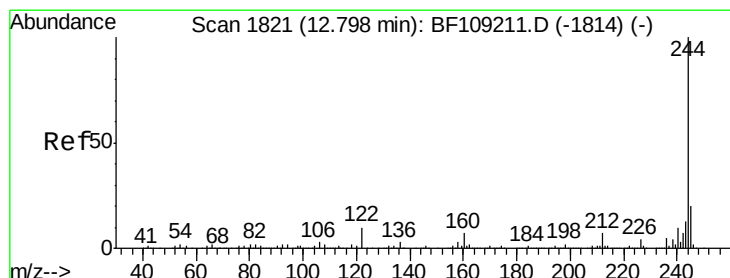
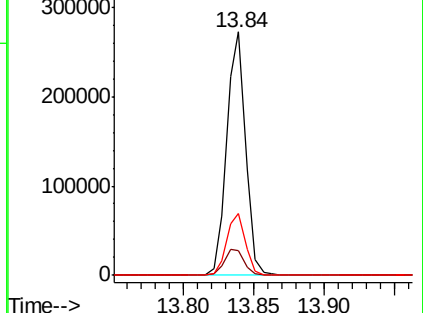
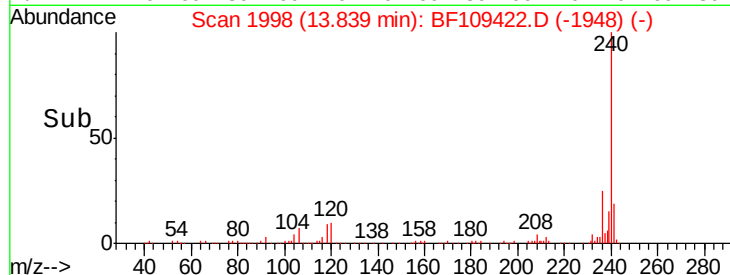
236 25.3 20.7 31.1



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: 85.424 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109422.D

Acq: 28 Sep 2018 9:12

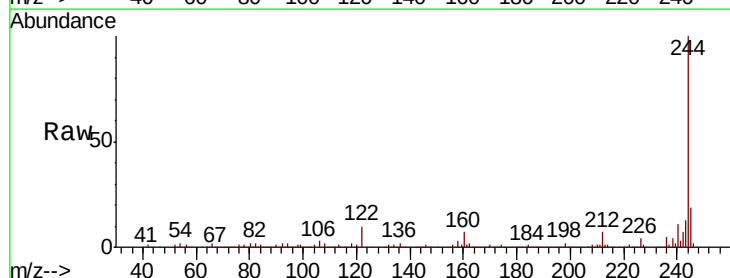
Tgt Ion:244 Resp: 877725

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

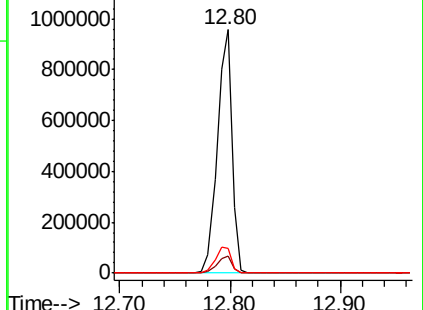
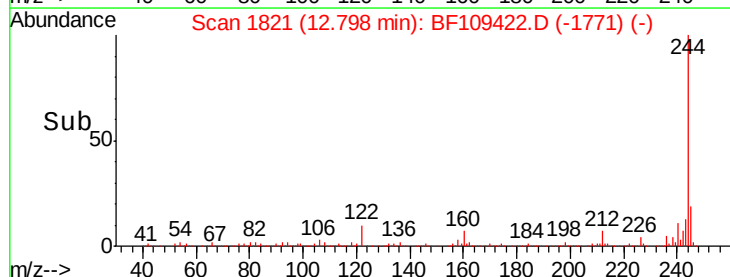
122 10.4 11.0 16.4#

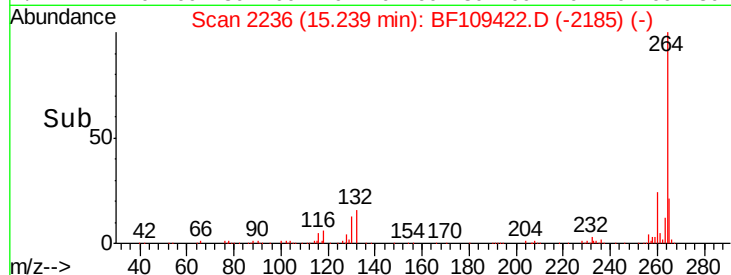
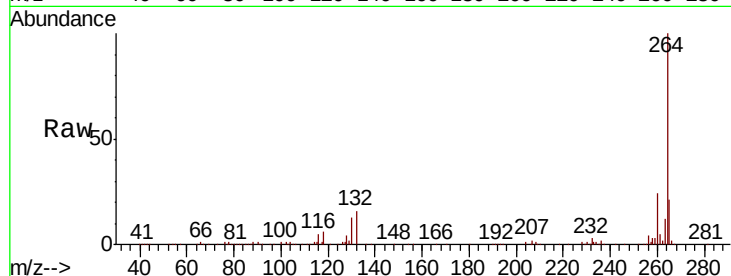
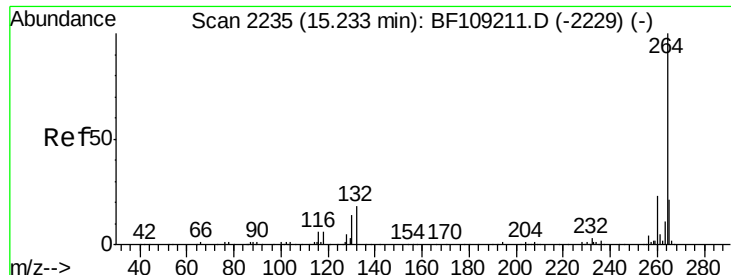


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109422.D
 Acq: 28 Sep 2018 9:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	209281
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.1	17.5	26.3

