

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109425.D
 Acq On : 28 Sep 2018 10:31
 Operator : JU/SJ
 Sample : J5133-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 11:55:20 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	104154	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	381812	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	165388	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	269876	20.00	ng	0.00
75) Chrysene-d12	13.84	240	248090	20.00	ng	0.00
86) Perylene-d12	15.24	264	198485	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	251712	39.81	ng	0.00
7) Phenol-d6	6.34	99	190034	23.55	ng	-0.02
23) Nitrobenzene-d5	7.27	82	665380	102.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	142111	87.16	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1150116	104.88	ng	-0.01
78) Terphenyl-d14	12.79	244	883521	87.40	ng	-0.01

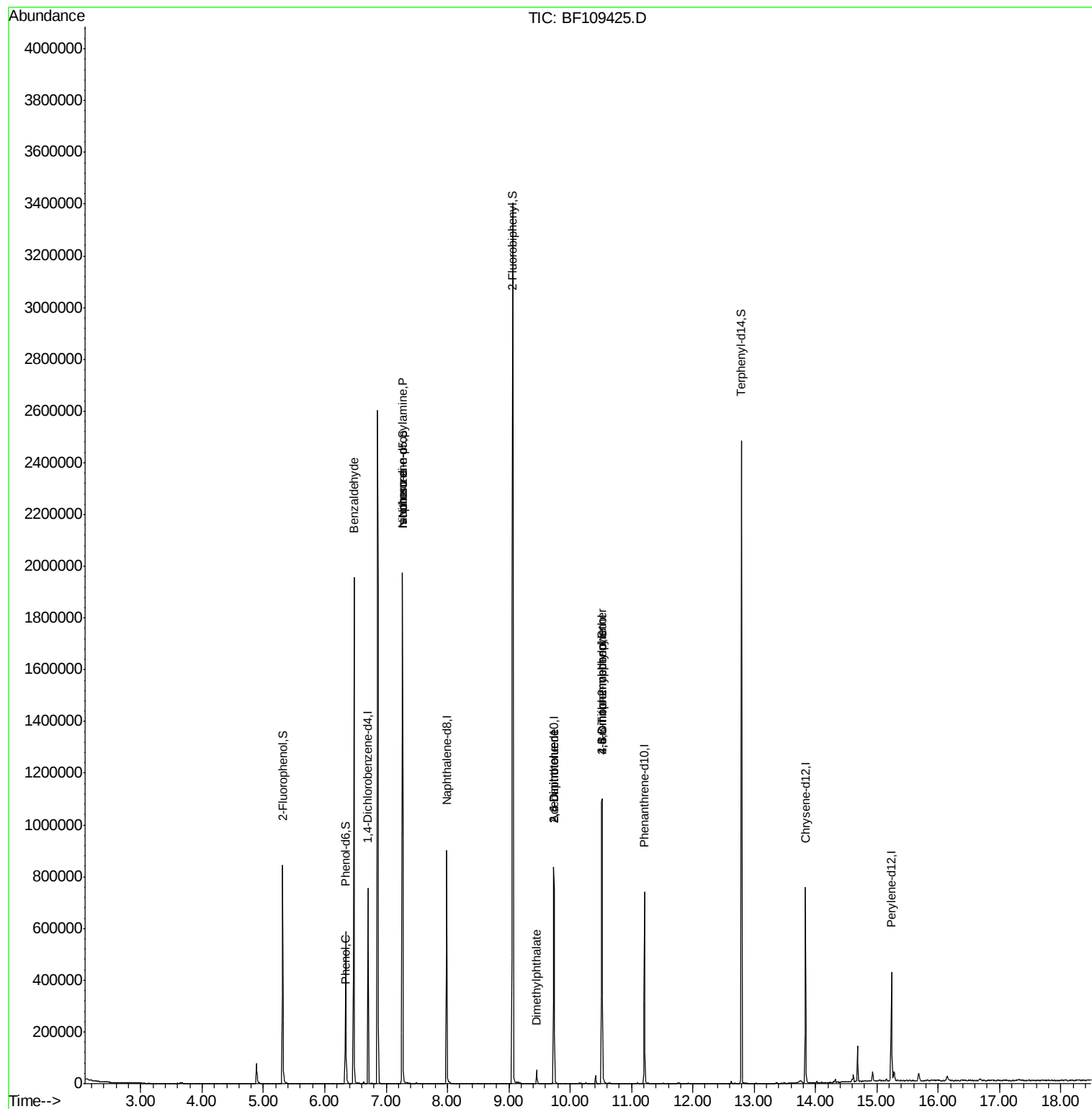
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11133	2.148	ng	# 71
10) Phenol	6.35	94	20318	2.223	ng	# 97
19) n-Nitroso-di-n-propylamine	7.27	70	88562	16.750	ng	# 78
25) Isophorone	7.27	82	633674	54.406	ng	# 64
49) Dimethylphthalate	9.46	163	24285	2.019	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	21382	8.975	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	21382	7.093	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	261	6.728	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8498	2.836	ng	# 1

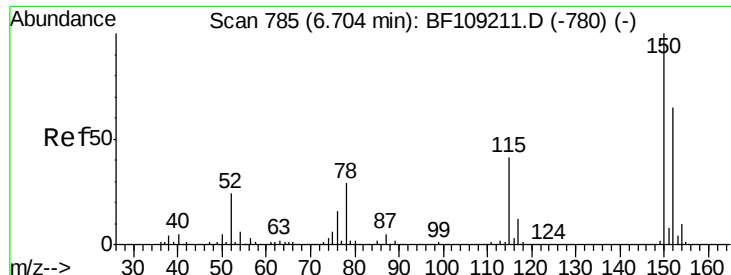
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109425.D
Acq On : 28 Sep 2018 10:31
Operator : JU/SJ
Sample : J5133-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 11:55:20 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



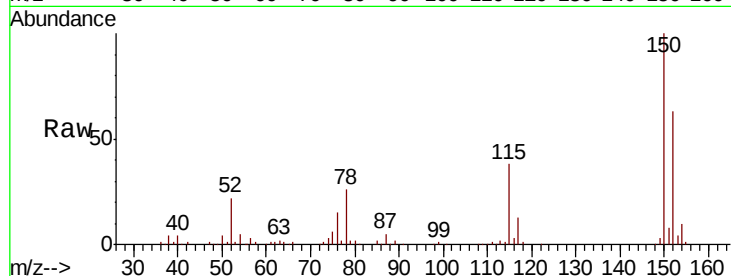


#1

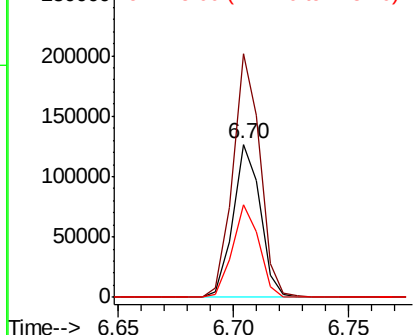
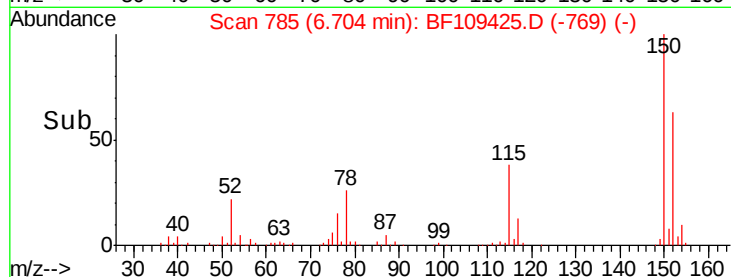
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109425.D
Acq: 28 Sep 2018 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104154
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.8 50.1 75.1



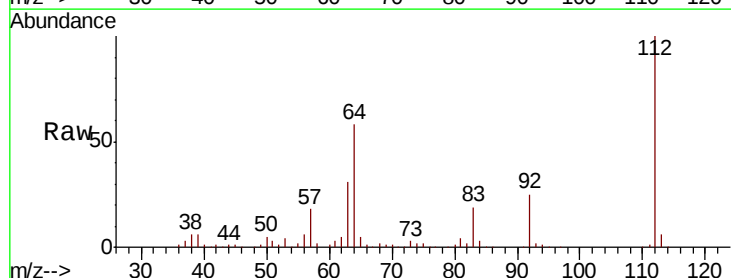
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



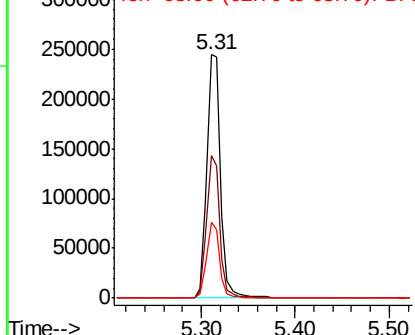
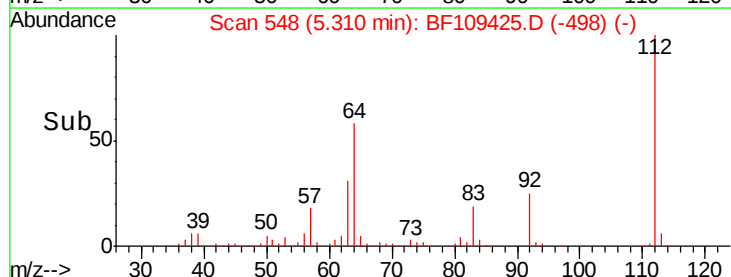
#5

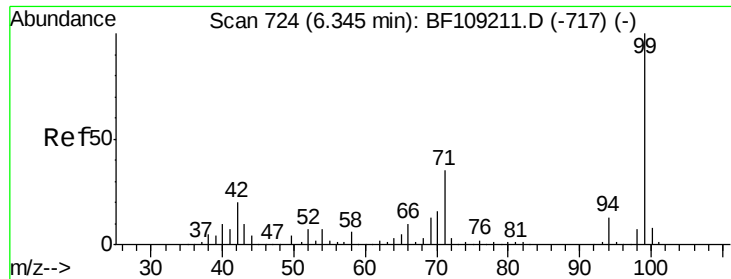
2-Fluorophenol
Concen: 39.805 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109425.D
Acq: 28 Sep 2018 10:31

Tgt Ion:112 Resp: 251712
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 31.4 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: 23.551 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109425.D

Acq: 28 Sep 2018 10:31

Instrument :

BNA_F

ClientSampled :

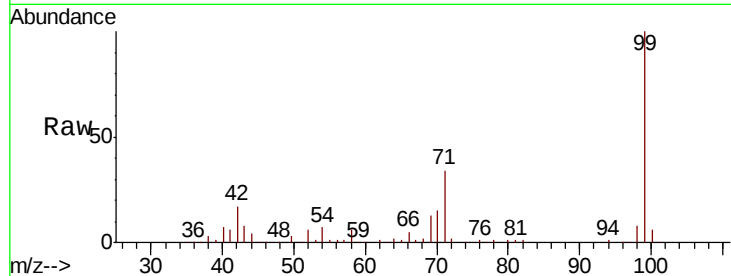
Tot Ion: 99 Resp: 190034

Ion Ratio Lower Upper

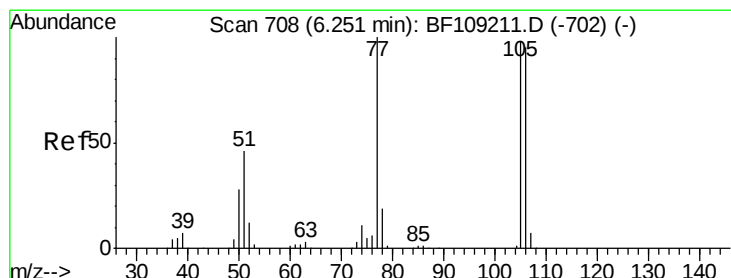
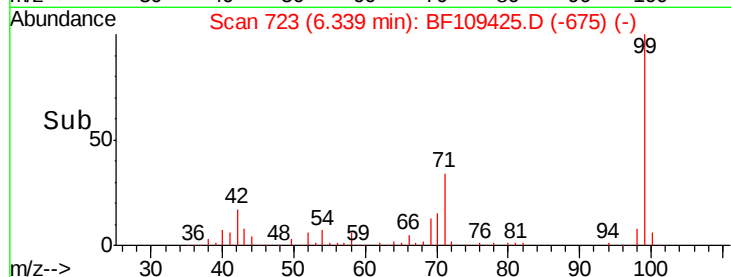
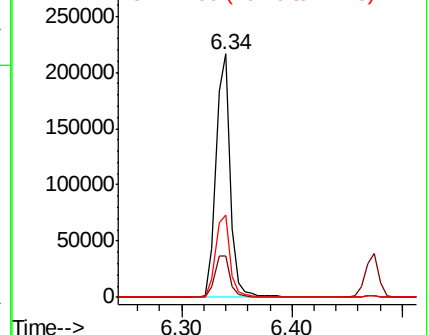
99 100

42 17.1 14.5 21.7

71 33.6 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: 2.148 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109425.D

Acq: 28 Sep 2018 10:31

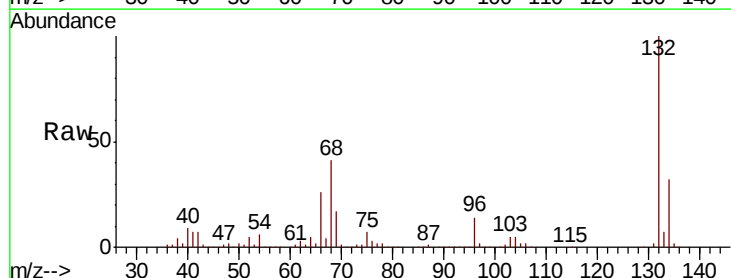
Tgt Ion: 77 Resp: 11133

Ion Ratio Lower Upper

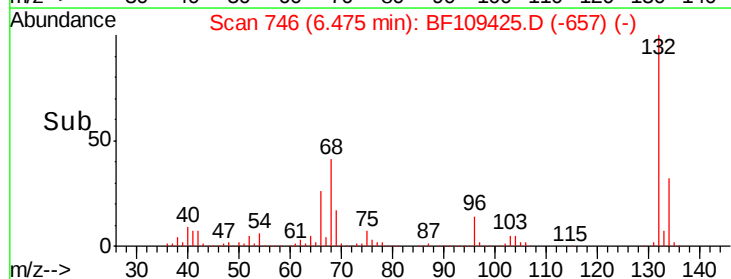
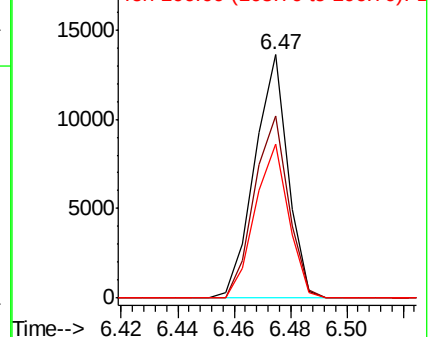
77 100

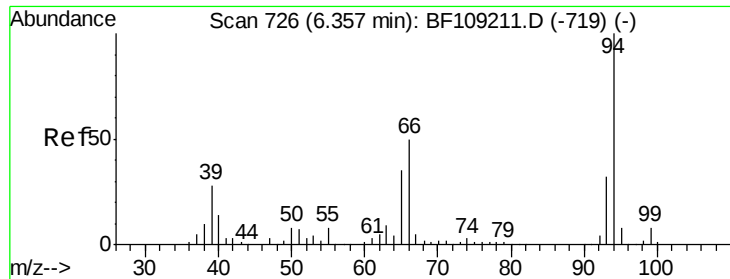
105 74.7 81.1 121.1#

106 63.0 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

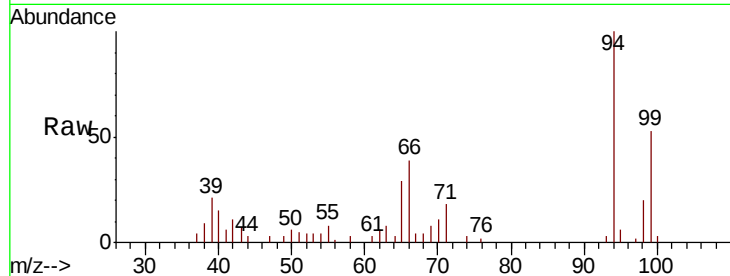




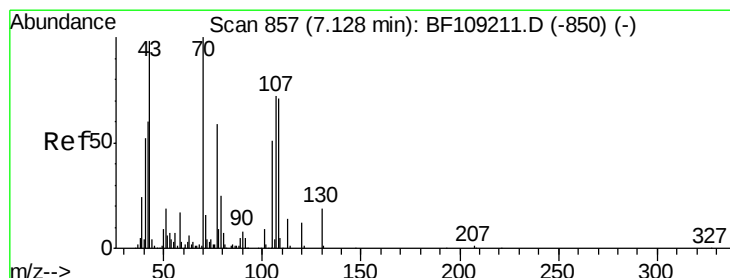
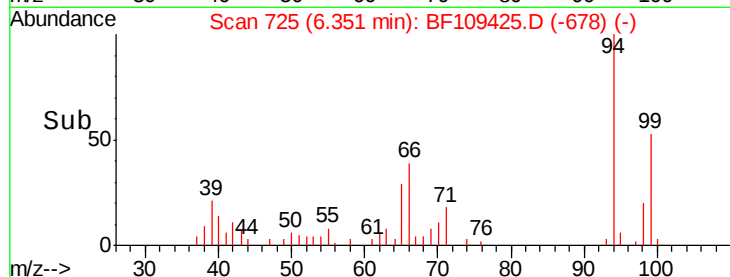
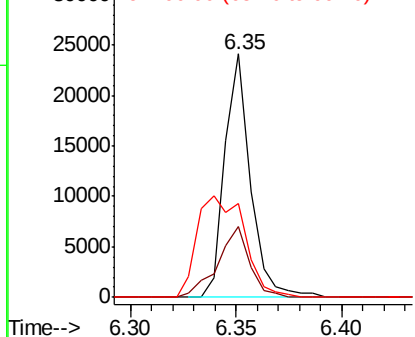
#10
Phenol
Concen: 2.223 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF109425.D
Acq: 28 Sep 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 20318
Ion Ratio Lower Upper
94 100
65 29.0 7.9 47.9
66 38.6 16.2 56.2

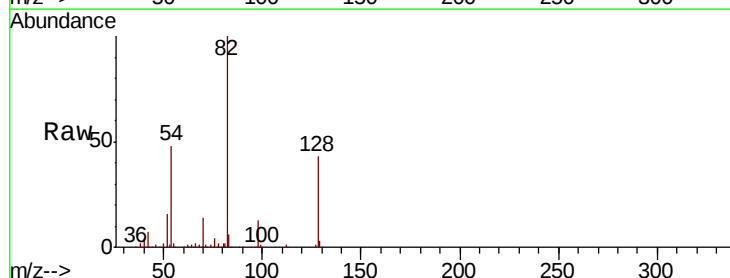


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

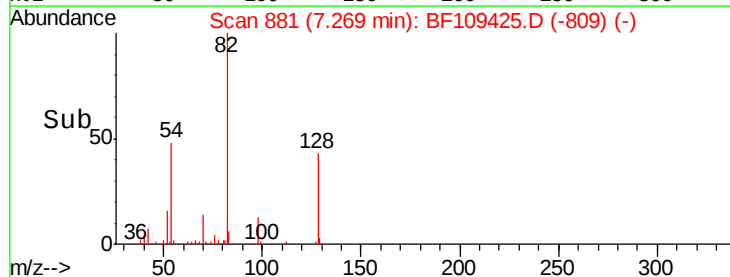
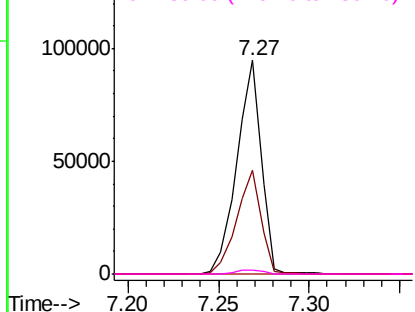


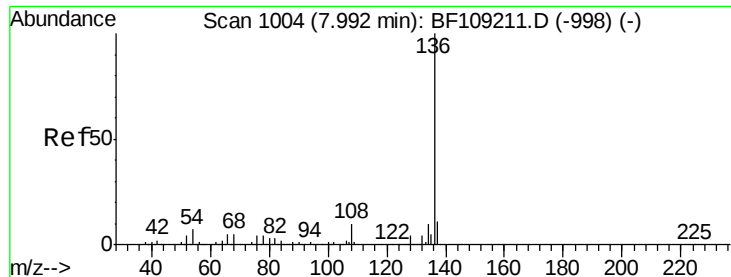
#19
n-Nitroso-di-n-propylamine
Concen: 16.750 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109425.D
Acq: 28 Sep 2018 10:31

Tgt Ion: 70 Resp: 88562
Ion Ratio Lower Upper
70 100
42 48.5 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109425.D

Acq: 28 Sep 2018 10:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 381812

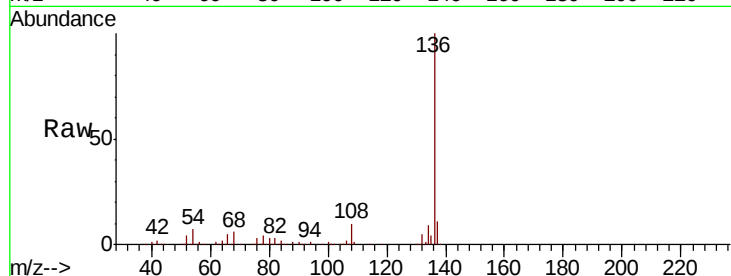
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

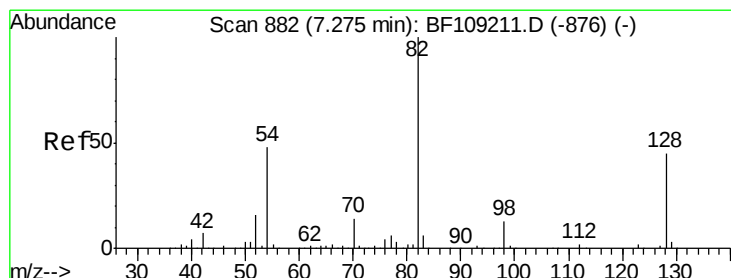
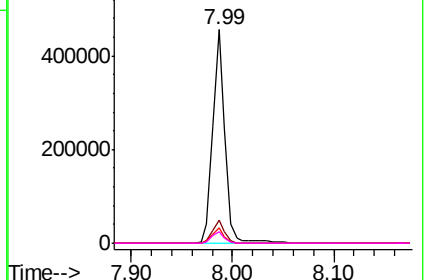
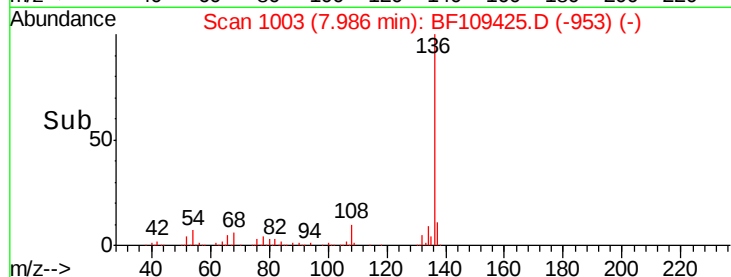


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.874 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109425.D

Acq: 28 Sep 2018 10:31

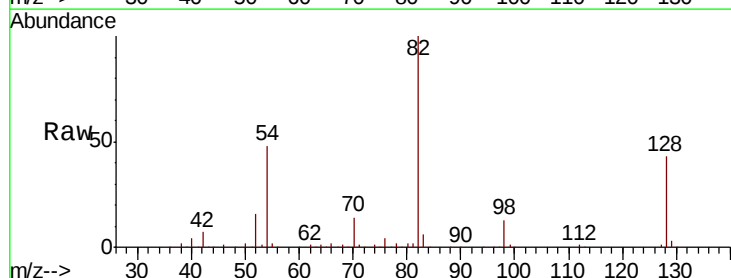
Tgt Ion: 82 Resp: 665380

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

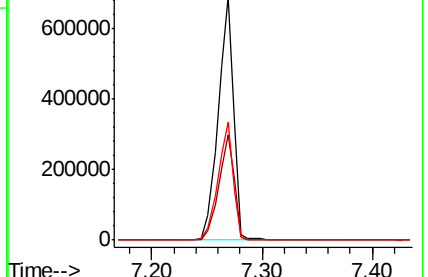
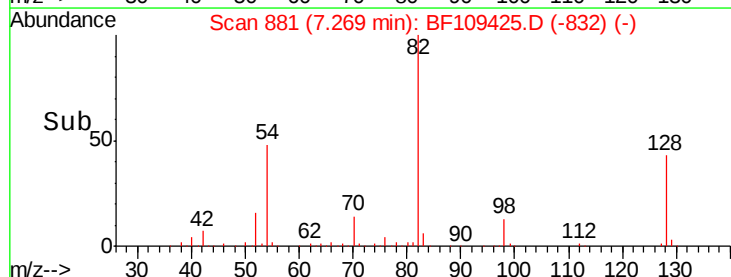
54 48.3 41.4 62.2

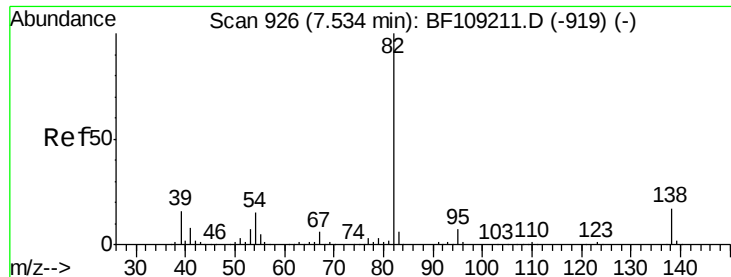


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

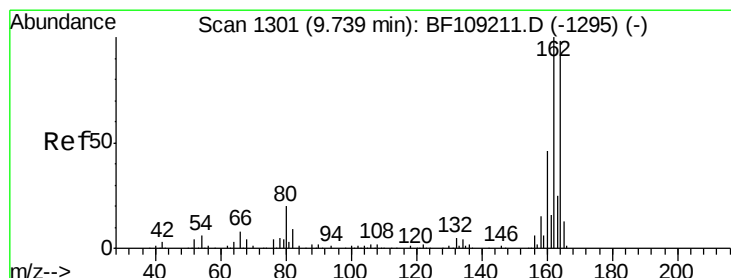
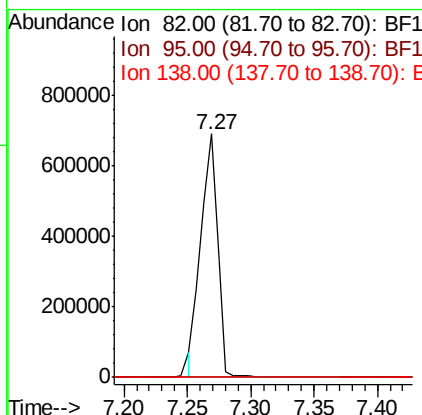
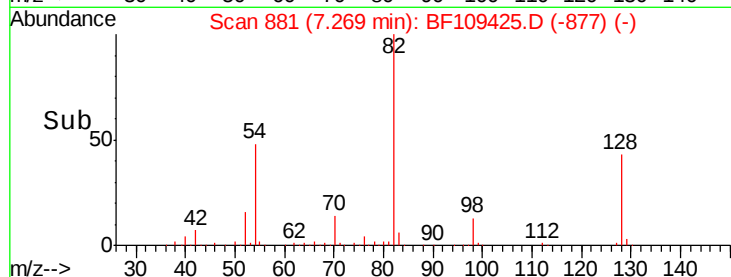
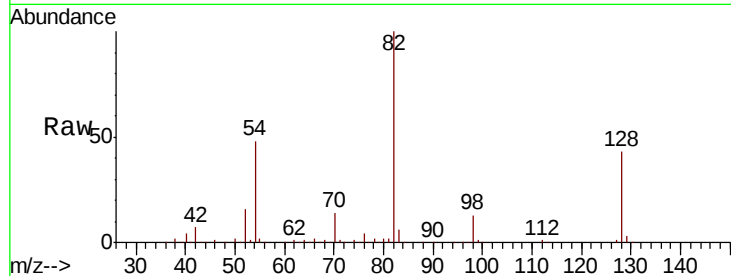




#25
Isophorone
Concen: 54.406 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109425.D
Acq: 28 Sep 2018 10:31

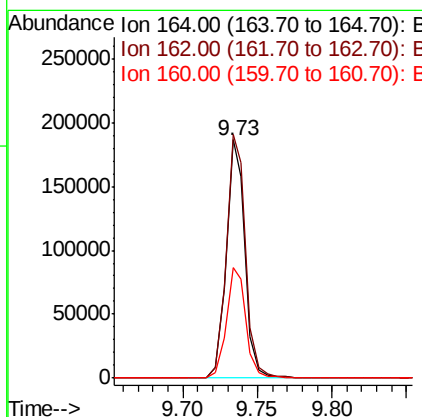
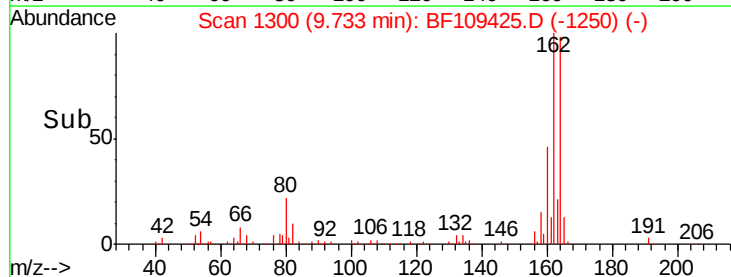
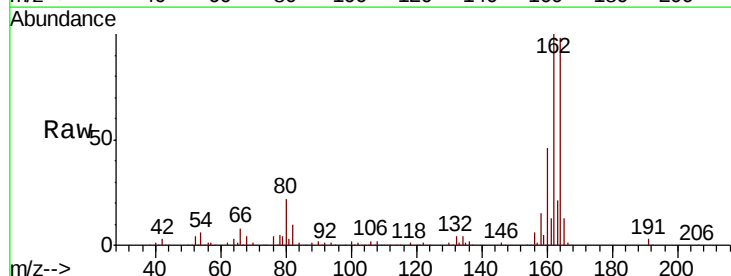
Instrument :
BNA_F
ClientSampled :

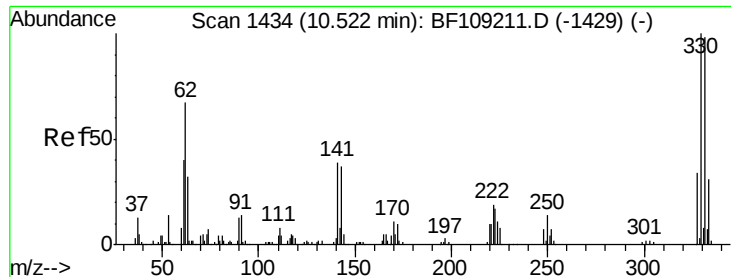
Tot Ion: 82 Resp: 633674
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109425.D
Acq: 28 Sep 2018 10:31

Tgt Ion:164 Resp: 165388
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 46.6 38.3 57.5

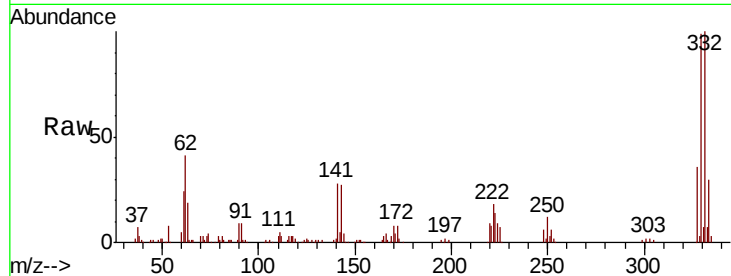




#41
 2,4,6-Tribromophenol
 Concen: 87.164 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.7	29.9	44.9

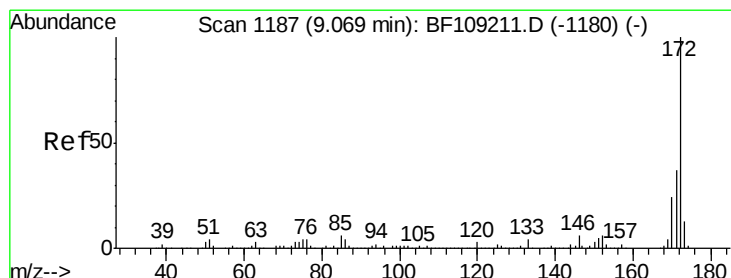
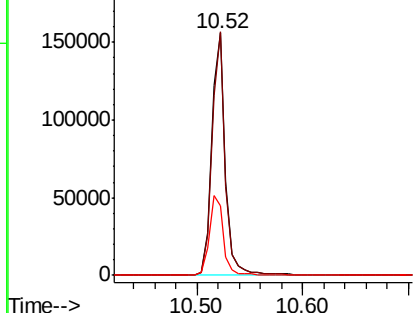
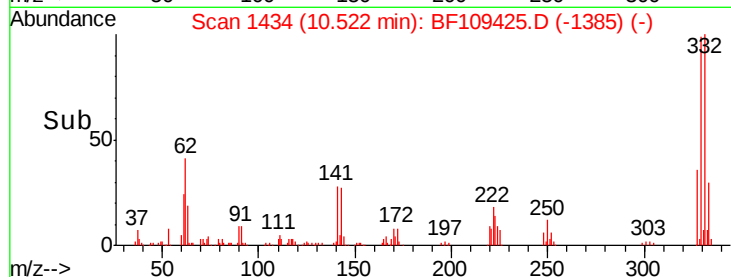


Abundance

Ion 329.80 (329.50 to 330.50): E

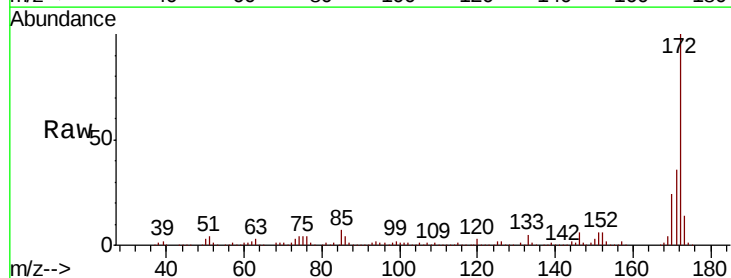
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.880 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

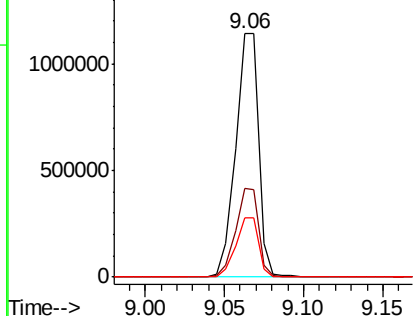
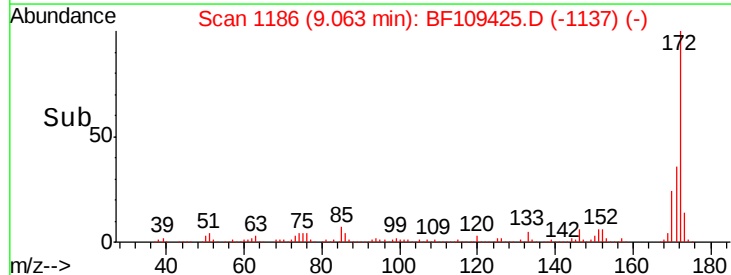


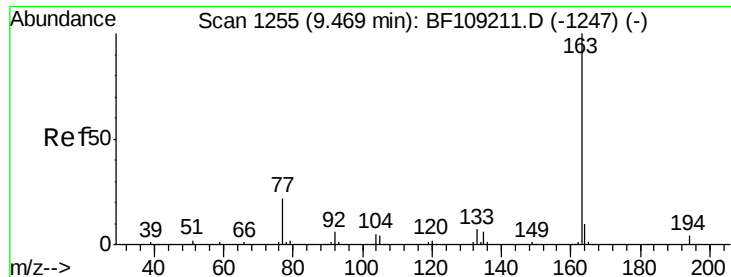
Abundance

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

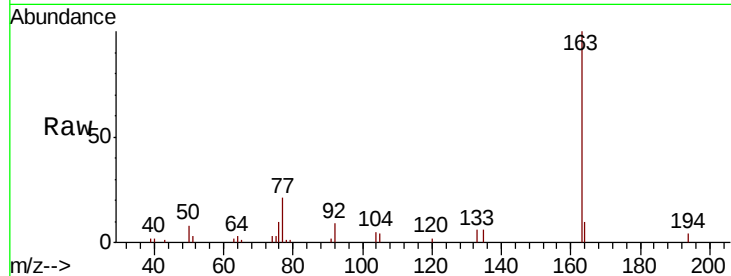




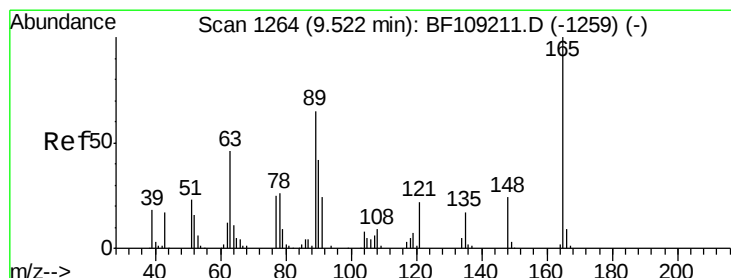
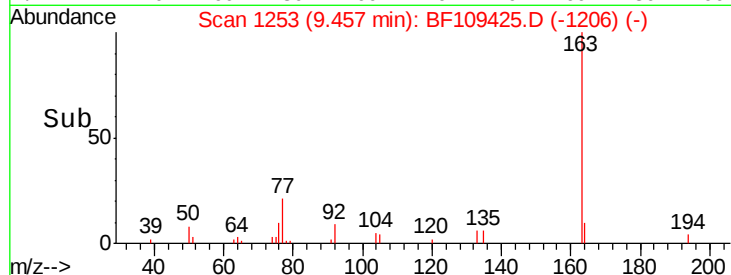
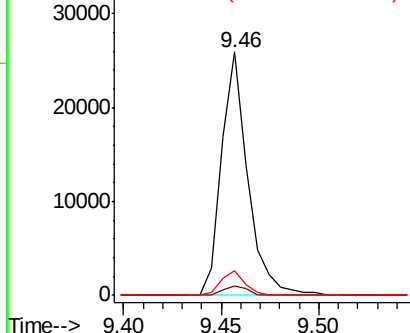
#49
 Dimethylphthalate
 Concen: 2.019 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

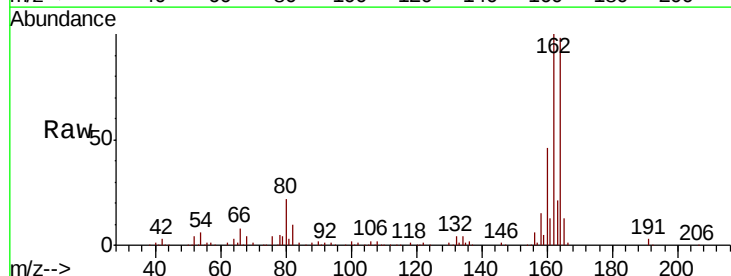


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

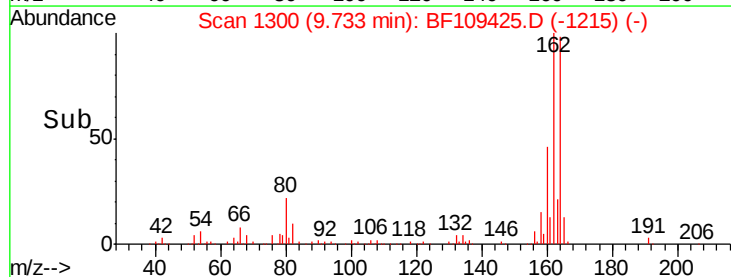
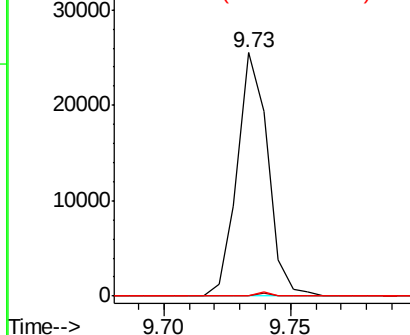


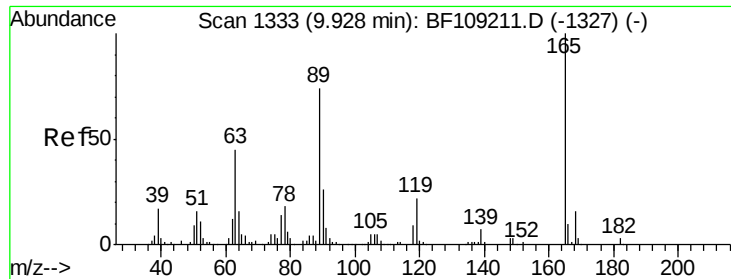
#50
 2,6-Dinitrotoluene
 Concen: 8.975 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	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

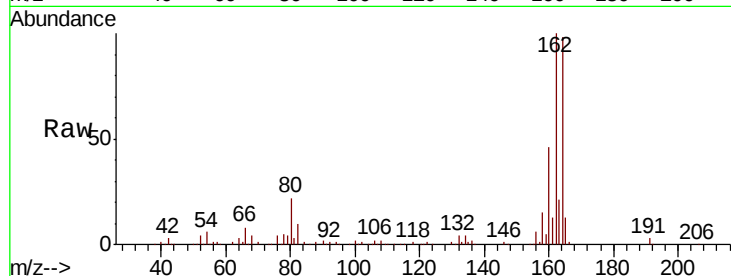




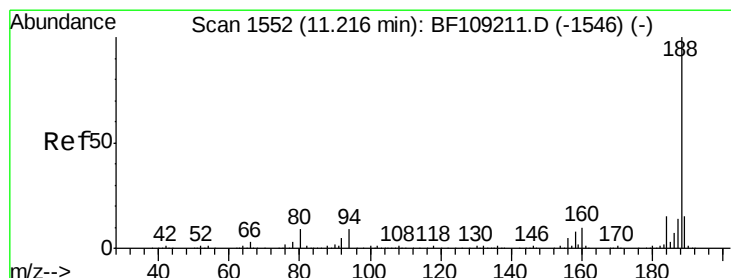
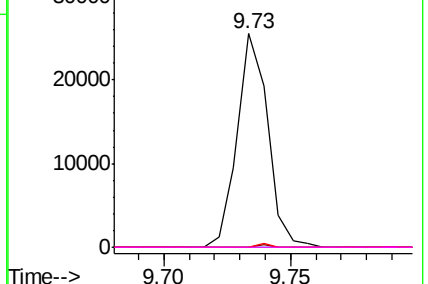
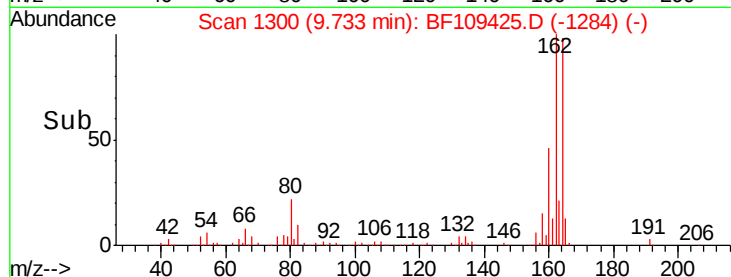
#56
 2,4-Dinitrotoluene
 Concen: 7.093 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21382
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

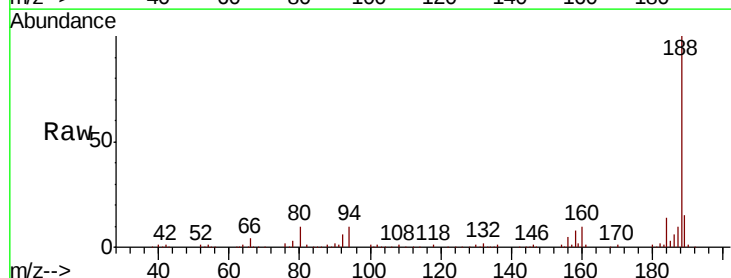


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

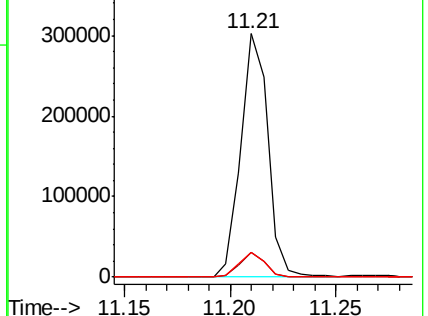
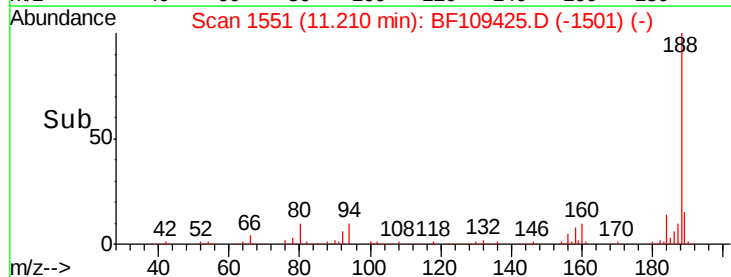


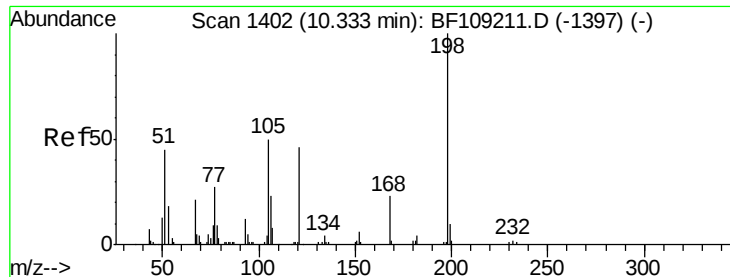
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Tgt Ion:188 Resp: 269876
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.3 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

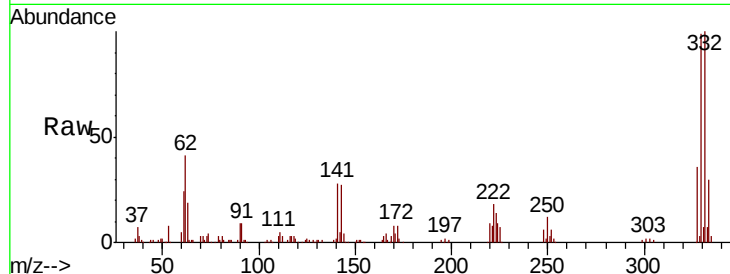




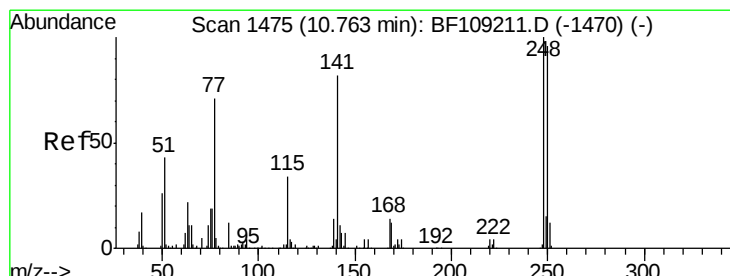
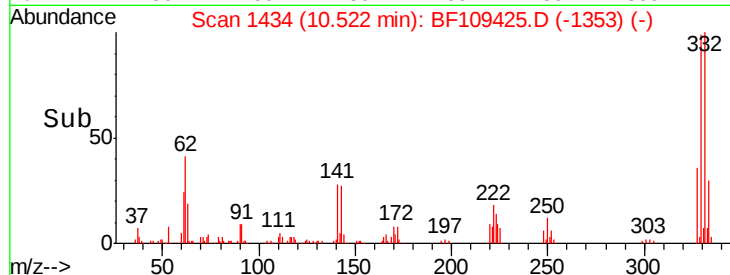
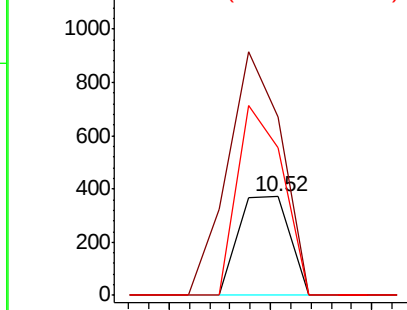
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.728 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 261
 Ion Ratio Lower Upper
 198 100
 51 180.4 37.7 77.7#
 105 148.7 36.3 76.3#

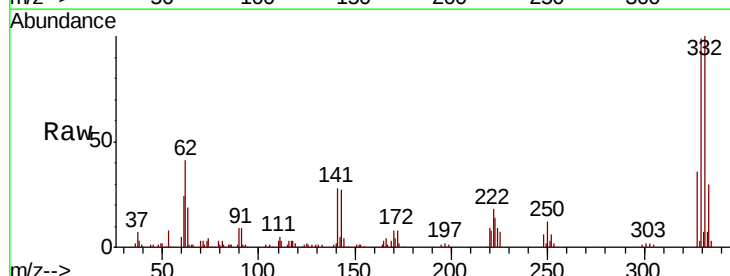


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

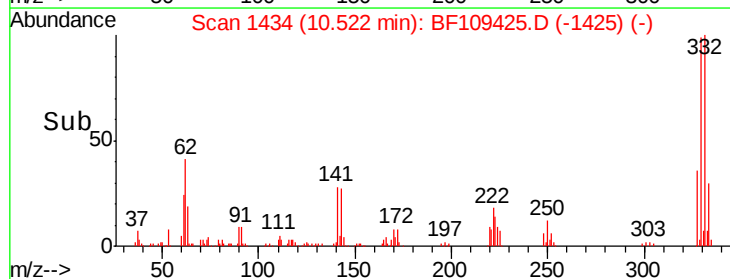
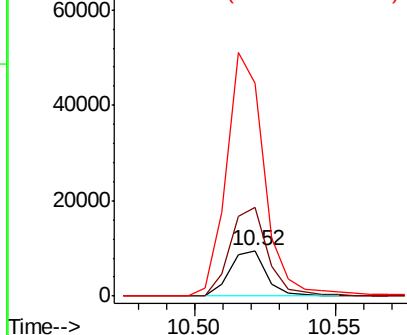


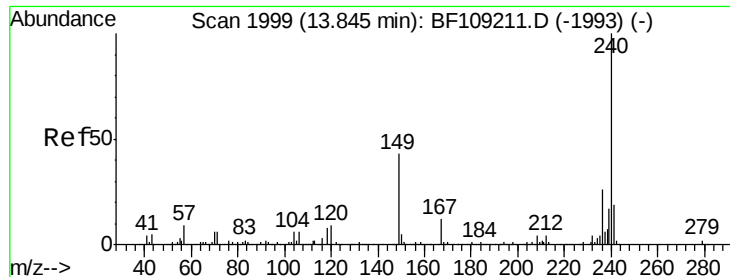
#66
 4-Bromophenyl-phenylether
 Concen: 2.836 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109425.D
 Acq: 28 Sep 2018 10:31

Tgt Ion:248 Resp: 8498
 Ion Ratio Lower Upper
 248 100
 250 195.4 76.9 115.3#
 141 468.8 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: BF109425.D

Acq: 28 Sep 2018 10:31

Instrument :

BNA_F

ClientSampleId :

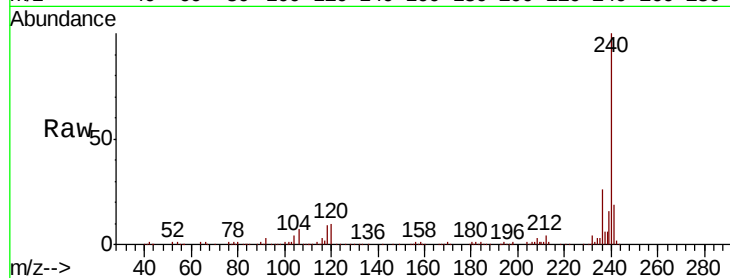
Tot Ion:240 Resp: 248090

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

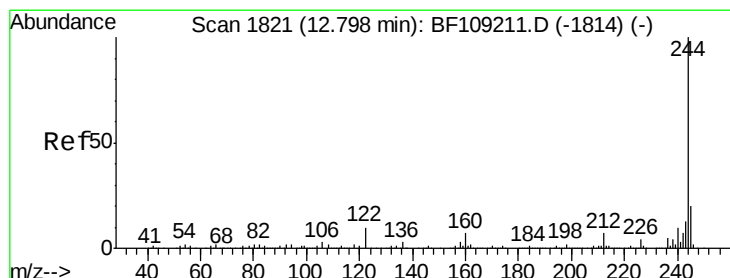
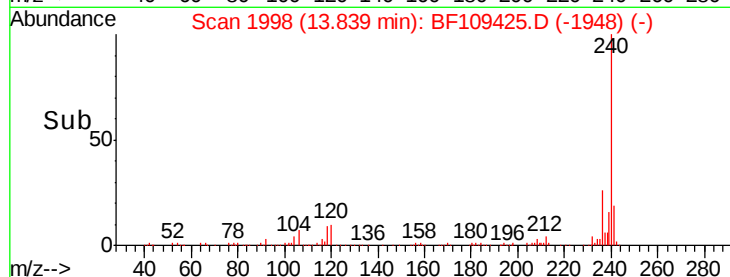
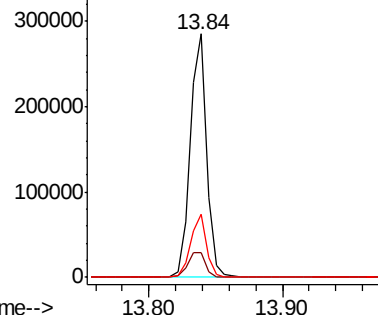
236 25.9 20.7 31.1



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: 87.400 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109425.D

Acq: 28 Sep 2018 10:31

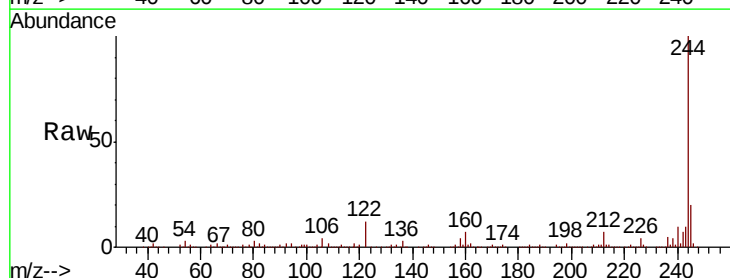
Tgt Ion:244 Resp: 883521

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

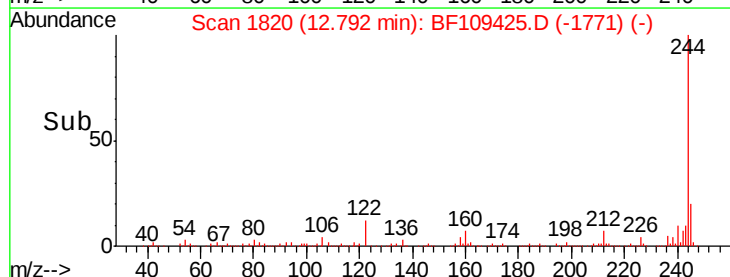
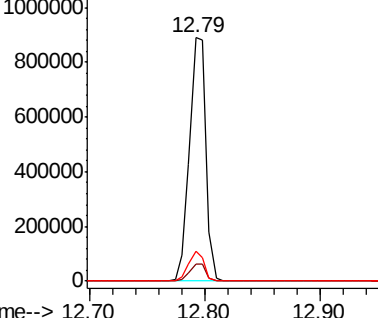
122 12.2 11.0 16.4

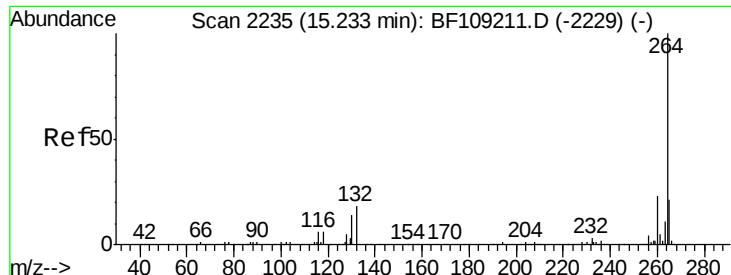


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109425.D
 Acq: 28 Sep 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3

