

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109427.D
 Acq On : 28 Sep 2018 11:24
 Operator : JU/SJ
 Sample : J5133-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 13:08:59 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

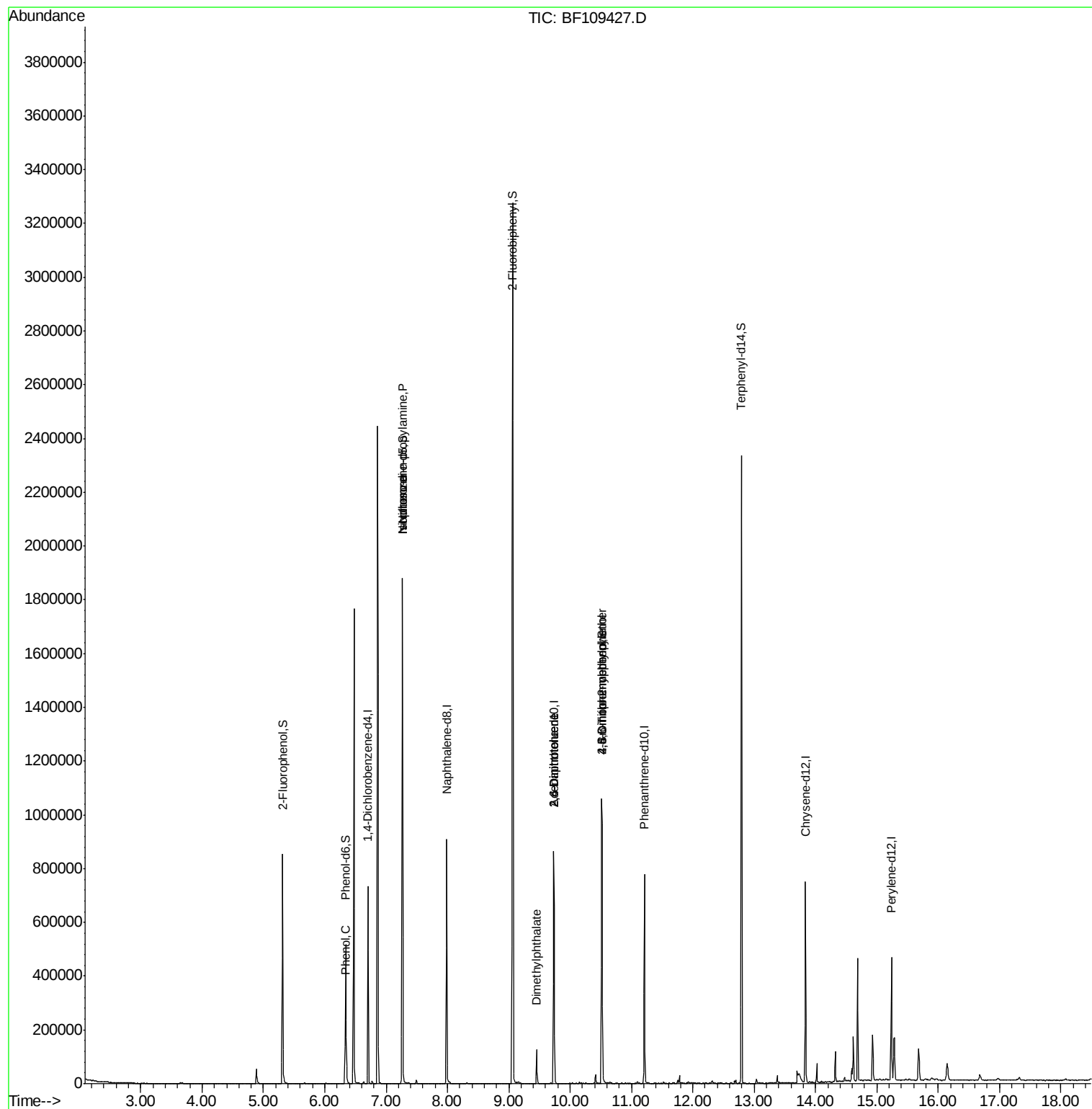
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100257	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	370134	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	163267	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	271711	20.00	ng	0.00
75) Chrysene-d12	13.84	240	251940	20.00	ng	0.00
86) Perylene-d12	15.24	264	205813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	231144	37.97	ng	0.00
7) Phenol-d6	6.34	99	176185	22.68	ng	-0.02
23) Nitrobenzene-d5	7.27	82	595713	95.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	134913	83.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1050091	97.00	ng	-0.01
78) Terphenyl-d14	12.79	244	824099	80.28	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	42828	4.869	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	79334	15.588	ng	# 76
25) Isophorone	7.27	82	571601	50.625	ng	# 64
49) Dimethylphthalate	9.46	163	56704	4.775	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	20435	8.689	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	20435	6.867	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	127	6.621	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8322	2.758	ng	# 1

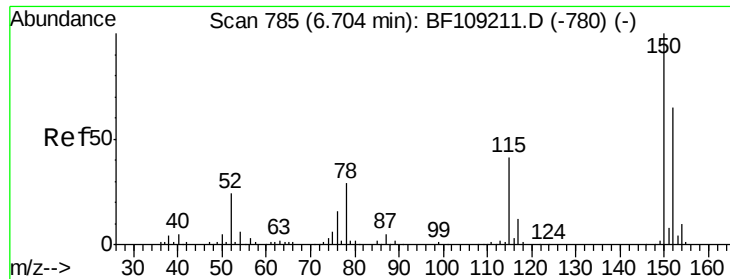
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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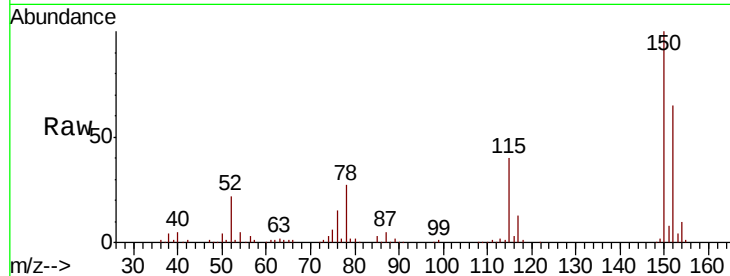


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.1	50.1	75.1

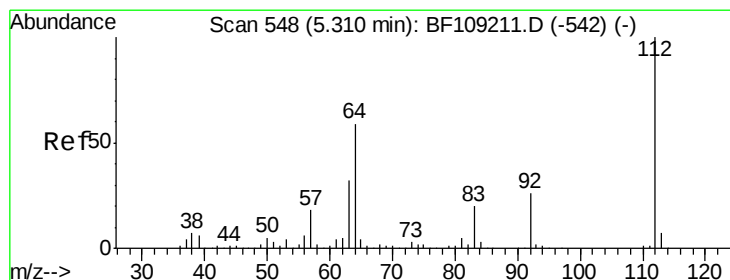
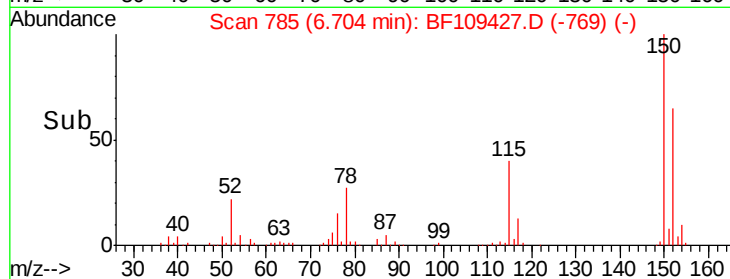
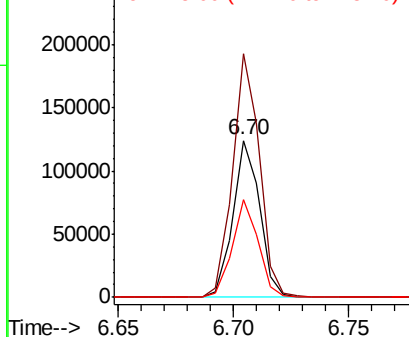


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

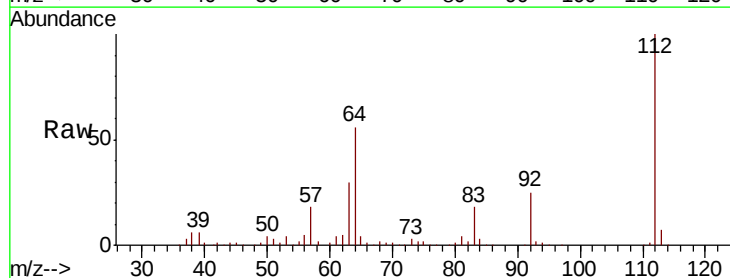
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.974 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.8	23.7	35.5

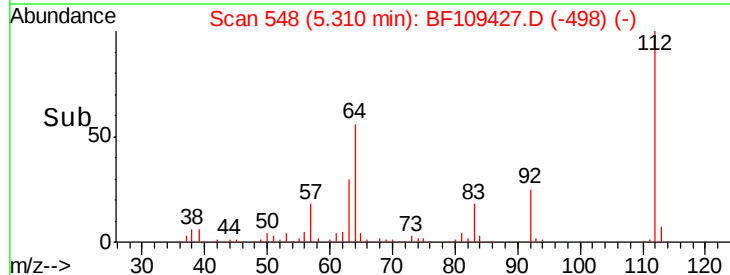
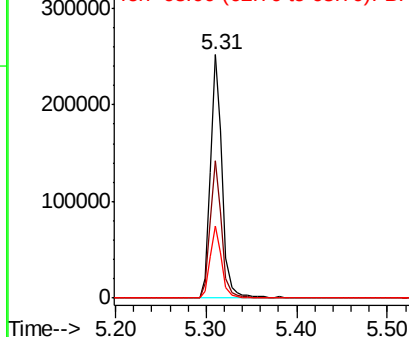


Abundance

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: 22.683 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109427.D

Acq: 28 Sep 2018 11:24

Instrument :

BNA_F

ClientSampled :

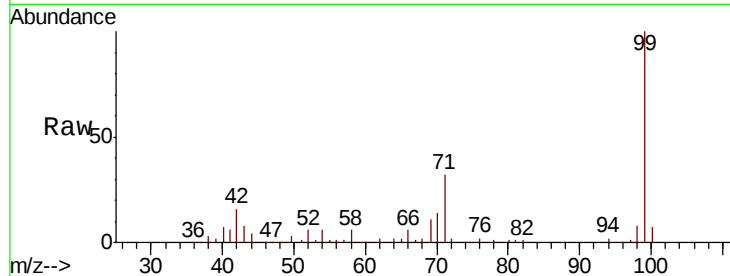
Tot Ion: 99 Resp: 176185

Ion Ratio Lower Upper

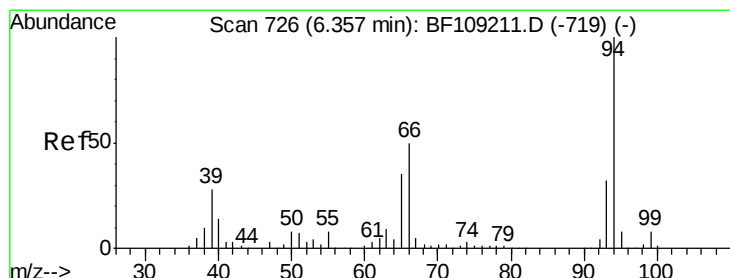
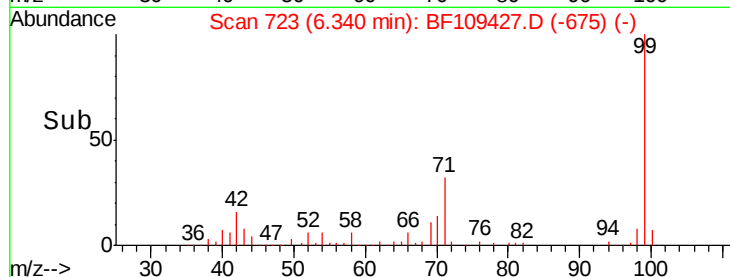
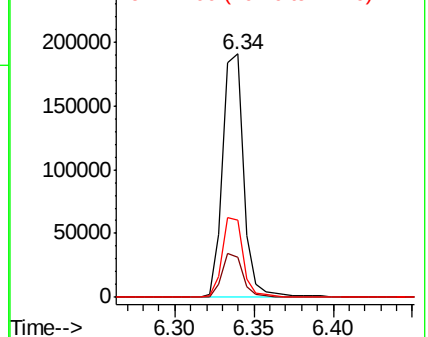
99 100

42 16.2 14.5 21.7

71 32.0 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: 4.869 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109427.D

Acq: 28 Sep 2018 11:24

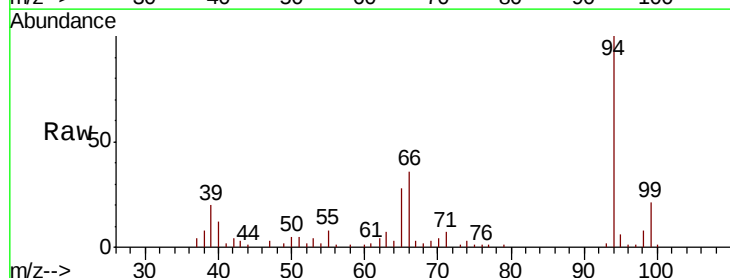
Tgt Ion: 94 Resp: 42828

Ion Ratio Lower Upper

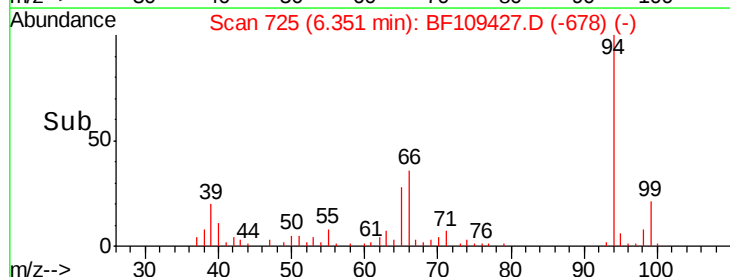
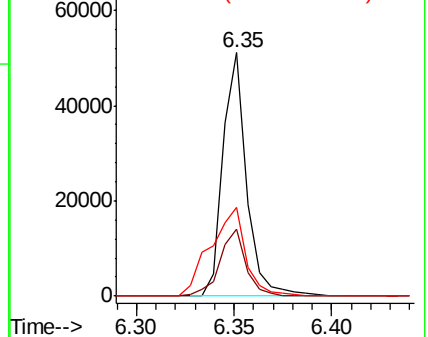
94 100

65 27.5 7.9 47.9

66 36.2 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

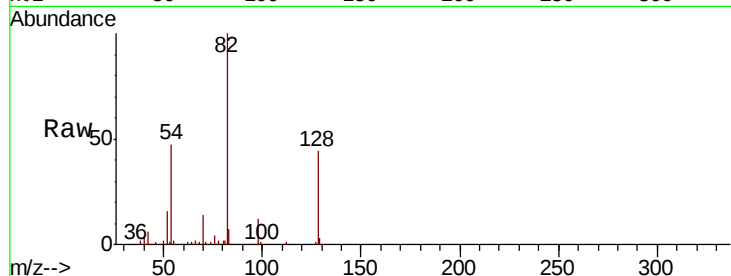




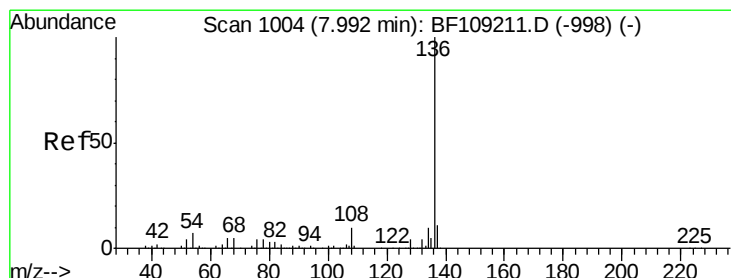
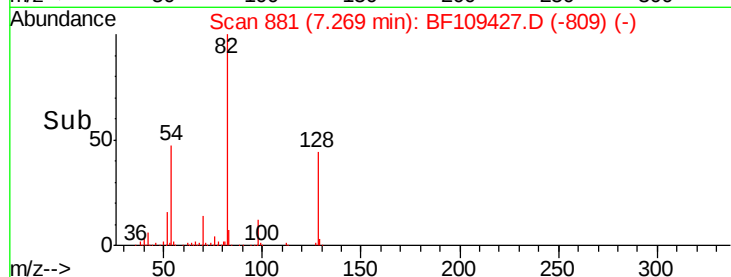
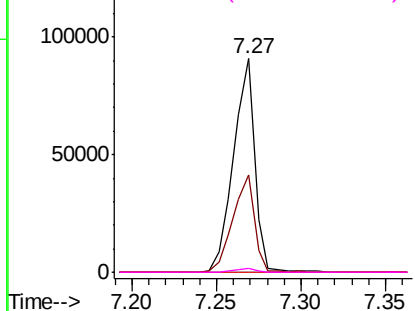
#19
n-Nitroso-di-n-propylamine
Concen: 15.588 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



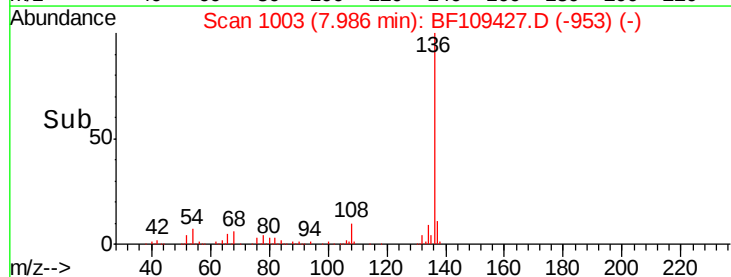
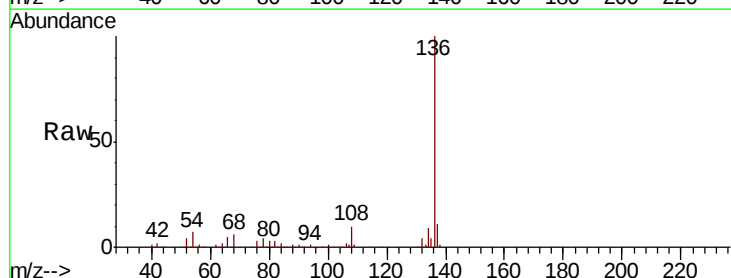
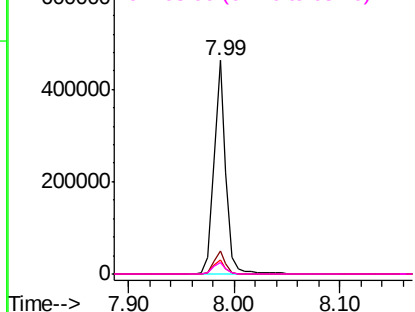
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

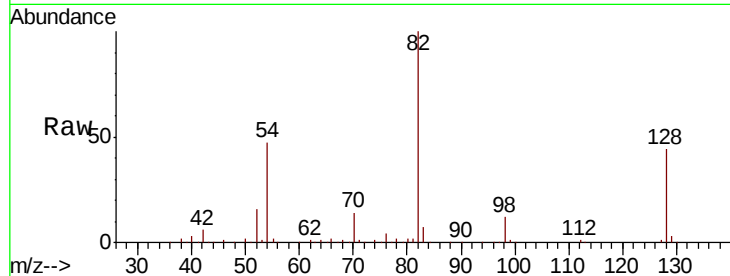




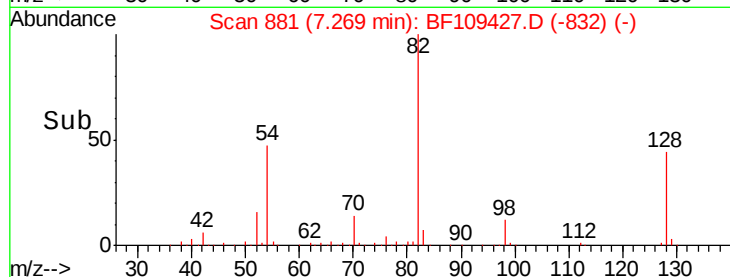
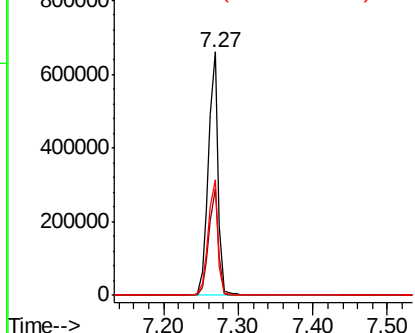
#23
 Nitrobenzene-d5
 Concen: 95.008 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 595713
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 47.3 41.4 62.2

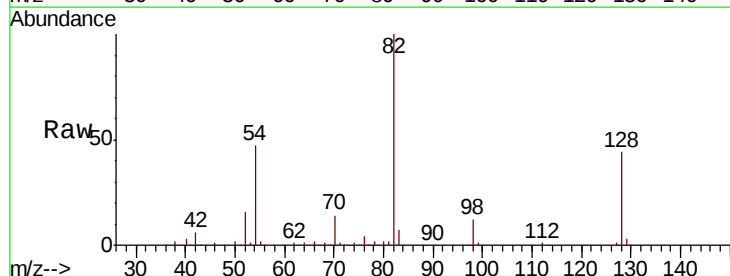


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

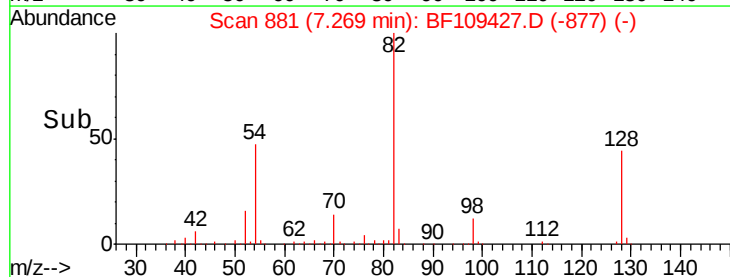
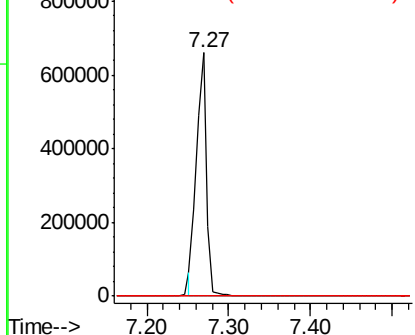


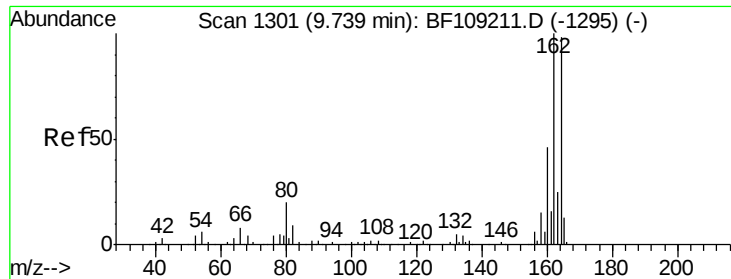
#25
 Isophorone
 Concen: 50.625 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Tgt Ion: 82 Resp: 571601
 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

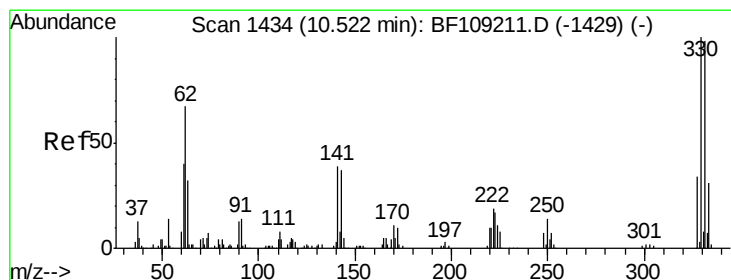
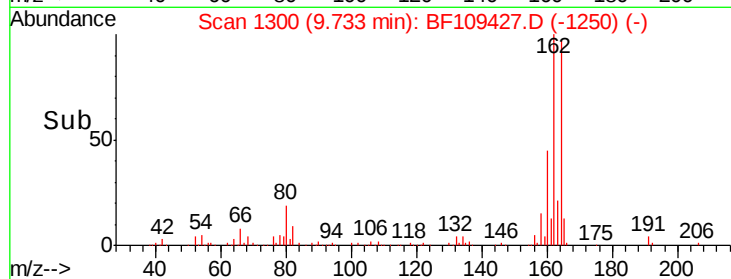
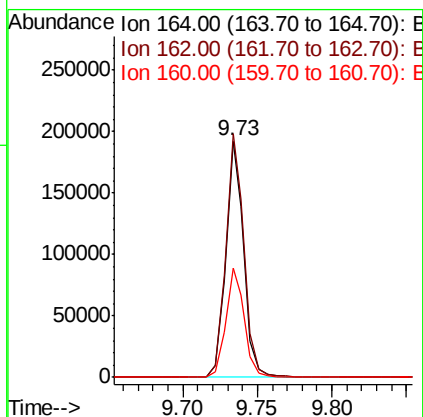
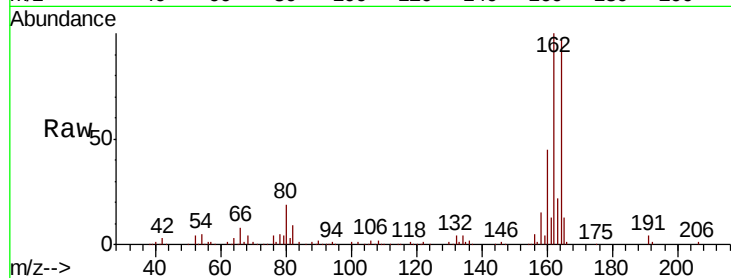




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

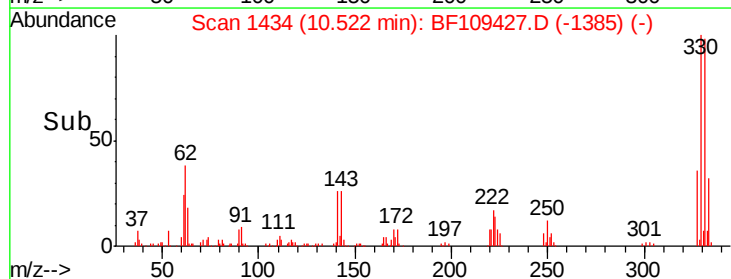
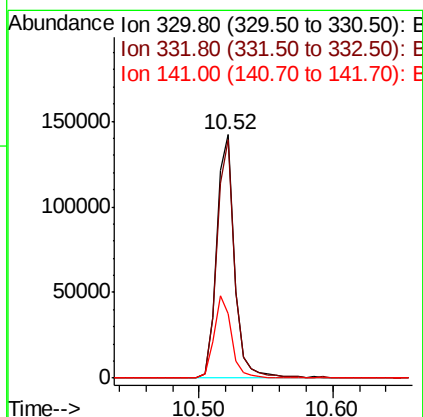
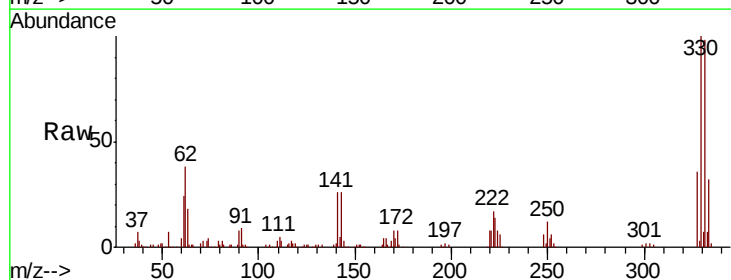
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 163267
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.824 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Tgt Ion:330 Resp: 134913
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.3 29.9 44.9

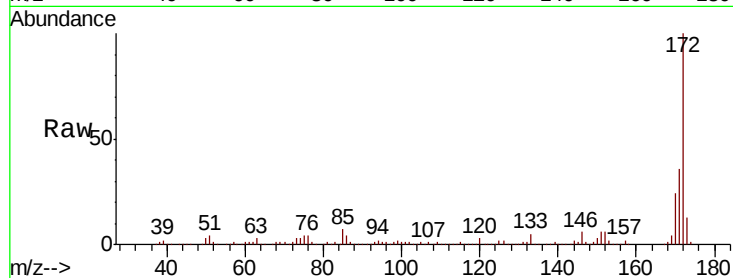




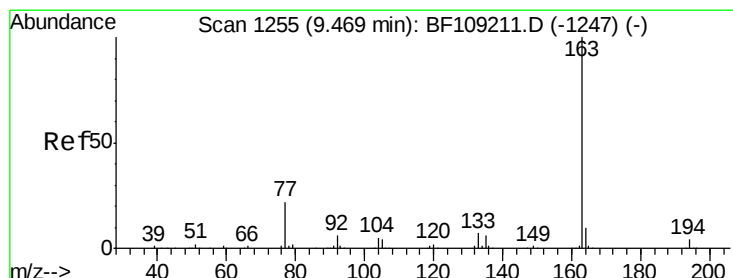
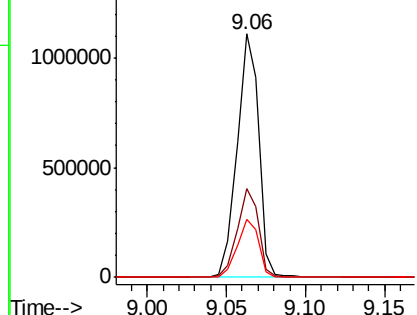
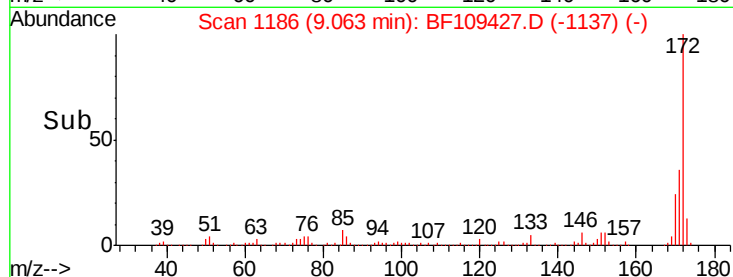
#44
2-Fluorobiphenyl
Concen: 97.003 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1050091
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4

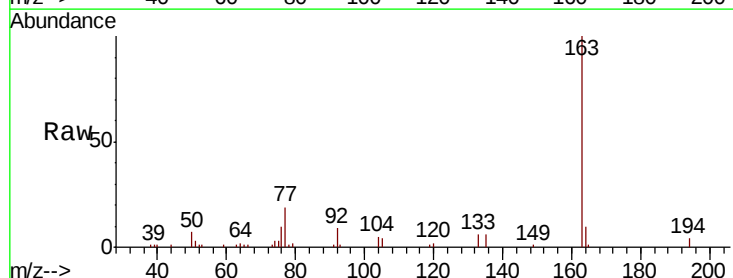


Abundance Ion 172.00 (171.70 to 172.70): E
1500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

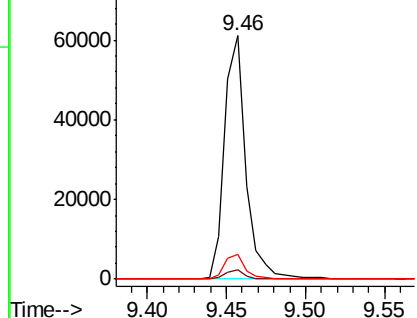
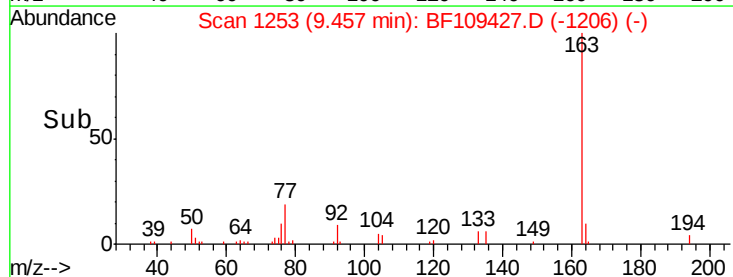


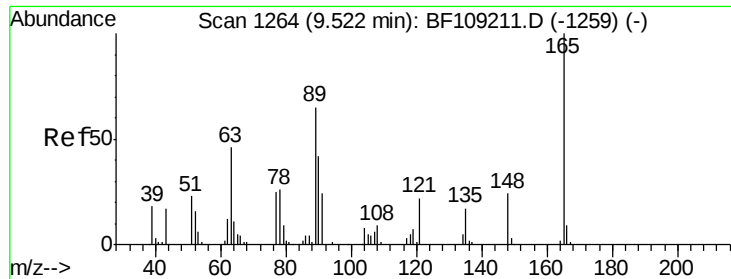
#49
Dimethylphthalate
Concen: 4.775 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Tgt Ion:163 Resp: 56704
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
80000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

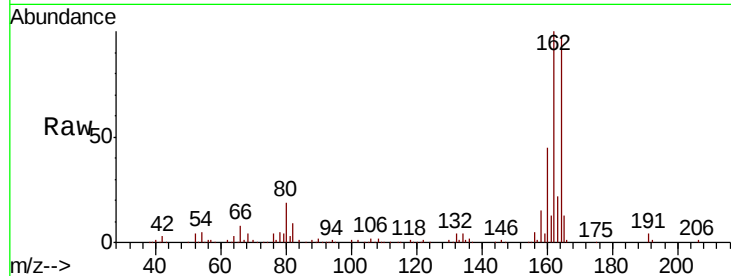




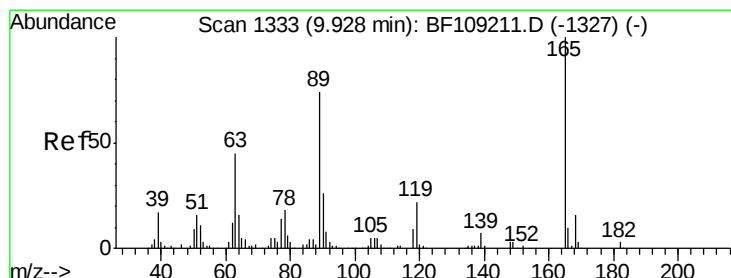
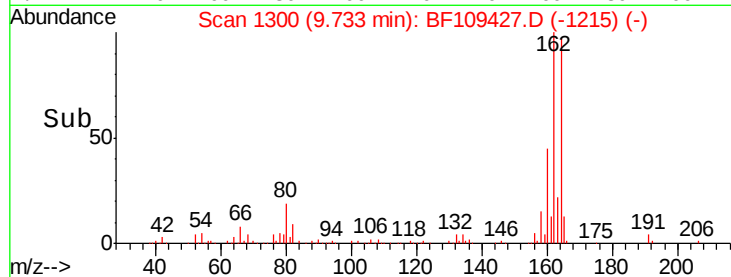
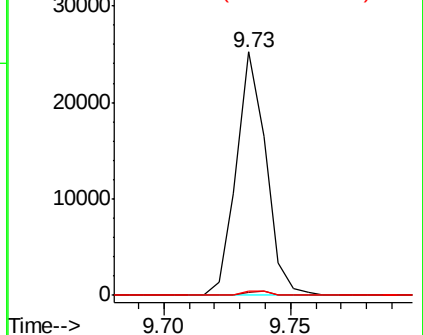
#50
 2,6-Dinitrotoluene
 Concen: 8.689 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



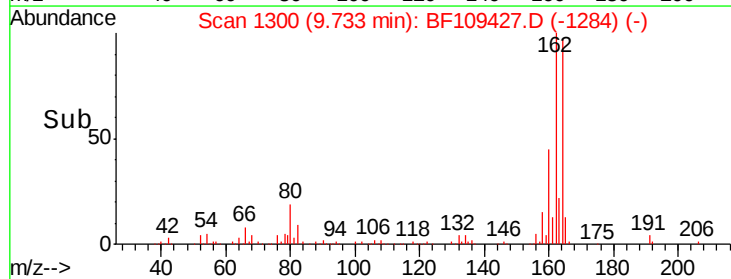
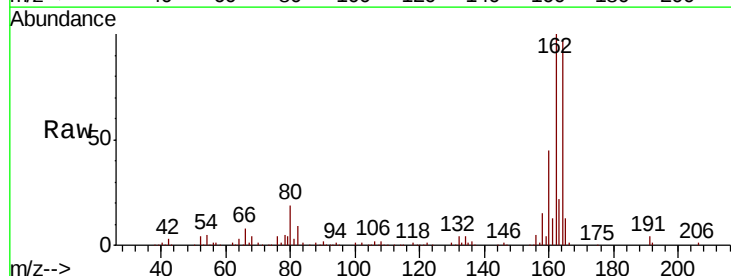
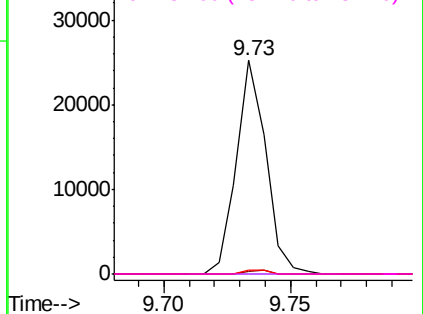
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

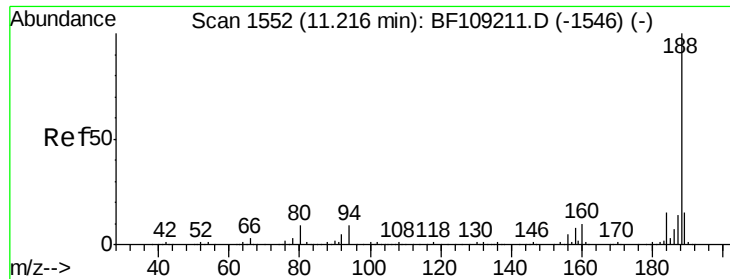


#56
 2,4-Dinitrotoluene
 Concen: 6.867 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	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

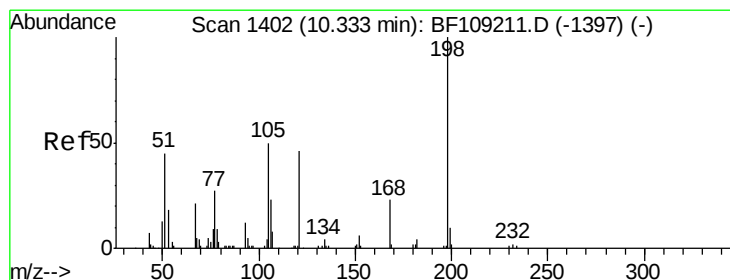
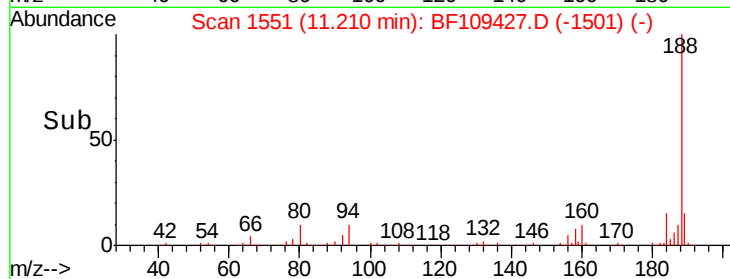
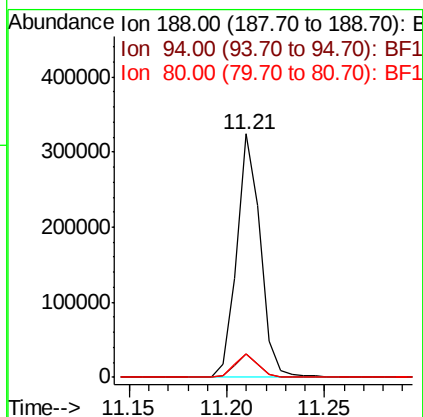
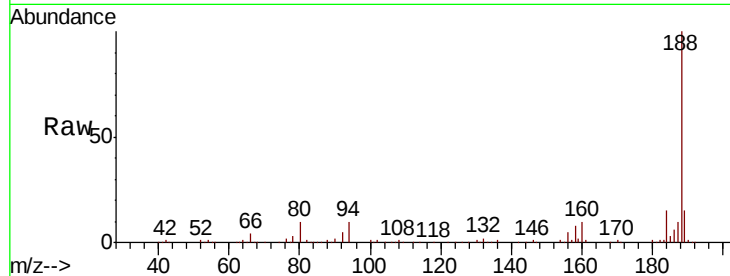




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

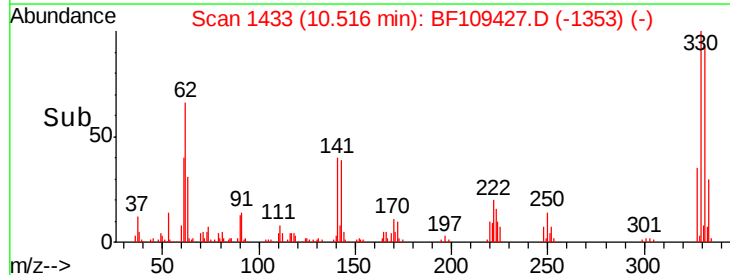
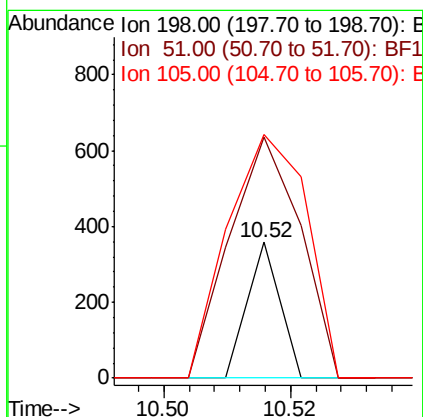
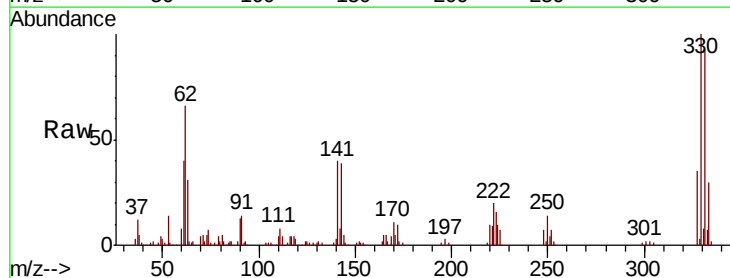
Instrument :
 BNA_F
 ClientSampleId :

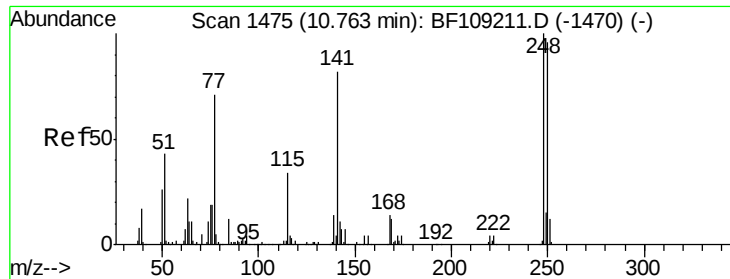
Tot Ion:188 Resp: 271711
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 9.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.621 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Tgt Ion:198 Resp: 127
 Ion Ratio Lower Upper
 198 100
 51 177.4 37.7 77.7#
 105 178.8 36.3 76.3#

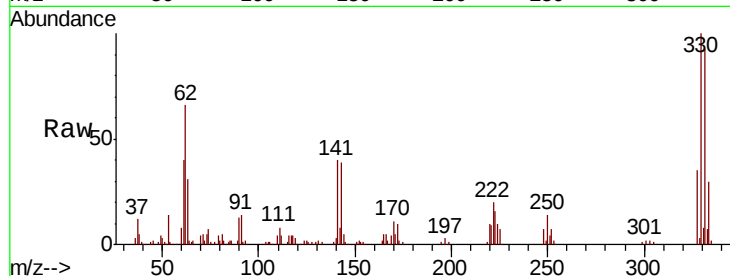




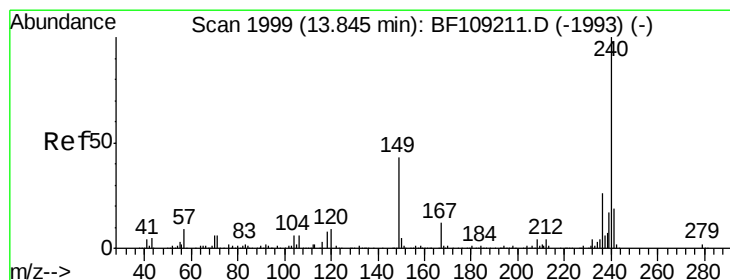
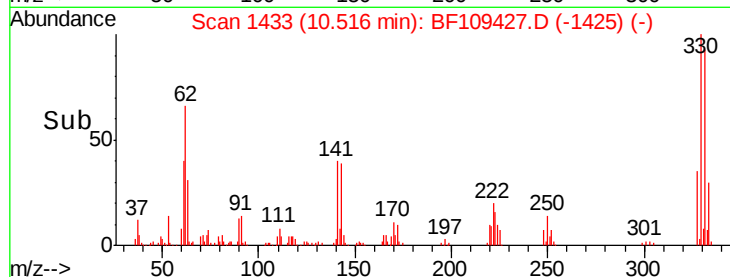
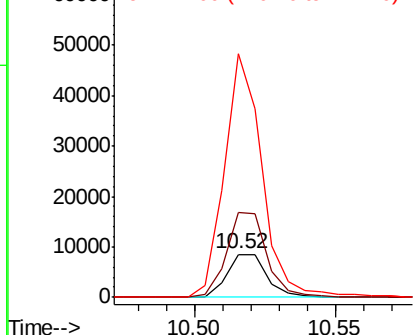
#66
4-Bromophenyl-phenylether
Concen: 2.758 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8322
Ion Ratio Lower Upper
248 100
250 195.4 76.9 115.3#
141 564.3 74.4 111.6#

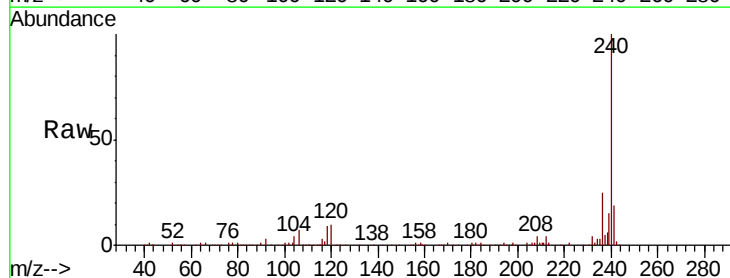


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

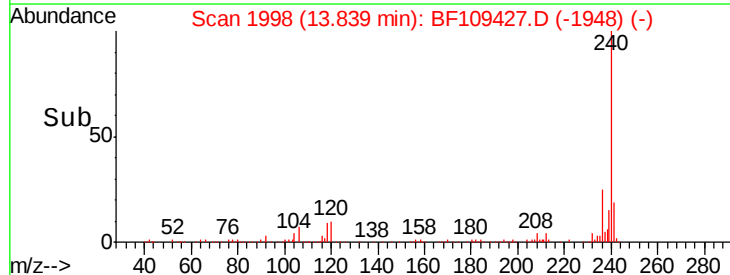
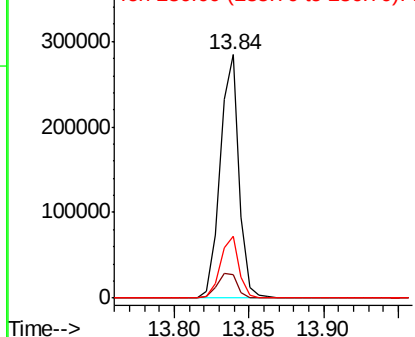


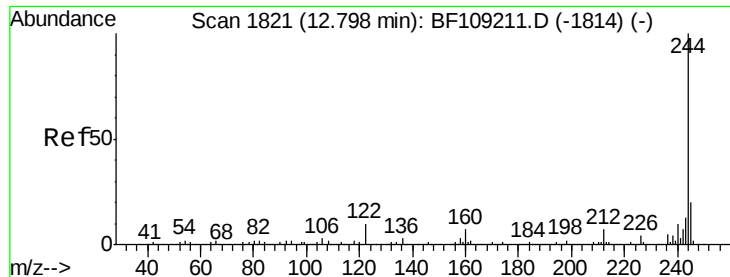
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109427.D
Acq: 28 Sep 2018 11:24

Tgt Ion:240 Resp: 251940
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.2 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

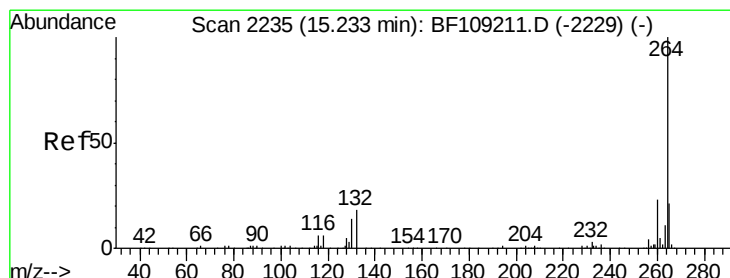
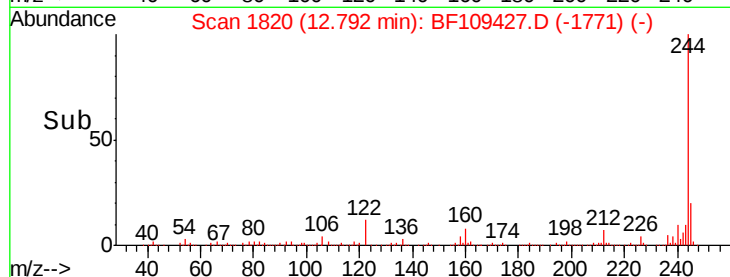
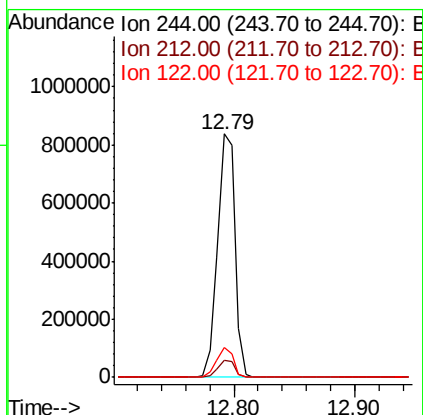
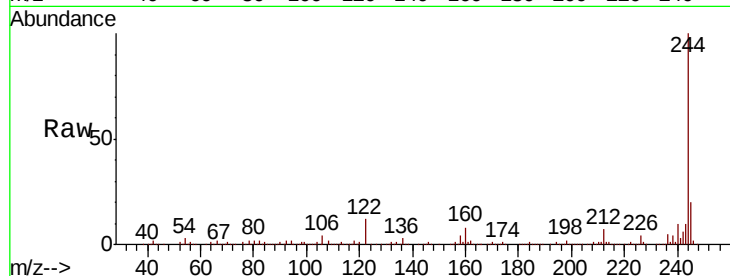




#78
 Terphenyl-d14
 Concen: 80.276 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 824099
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109427.D
 Acq: 28 Sep 2018 11:24

Tgt Ion:264 Resp: 205813
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 17.5 26.3

