

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109568.D
 Acq On : 4 Oct 2018 1:54
 Operator : JU/SJ
 Sample : J5221-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Oct 04 03:34:50 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

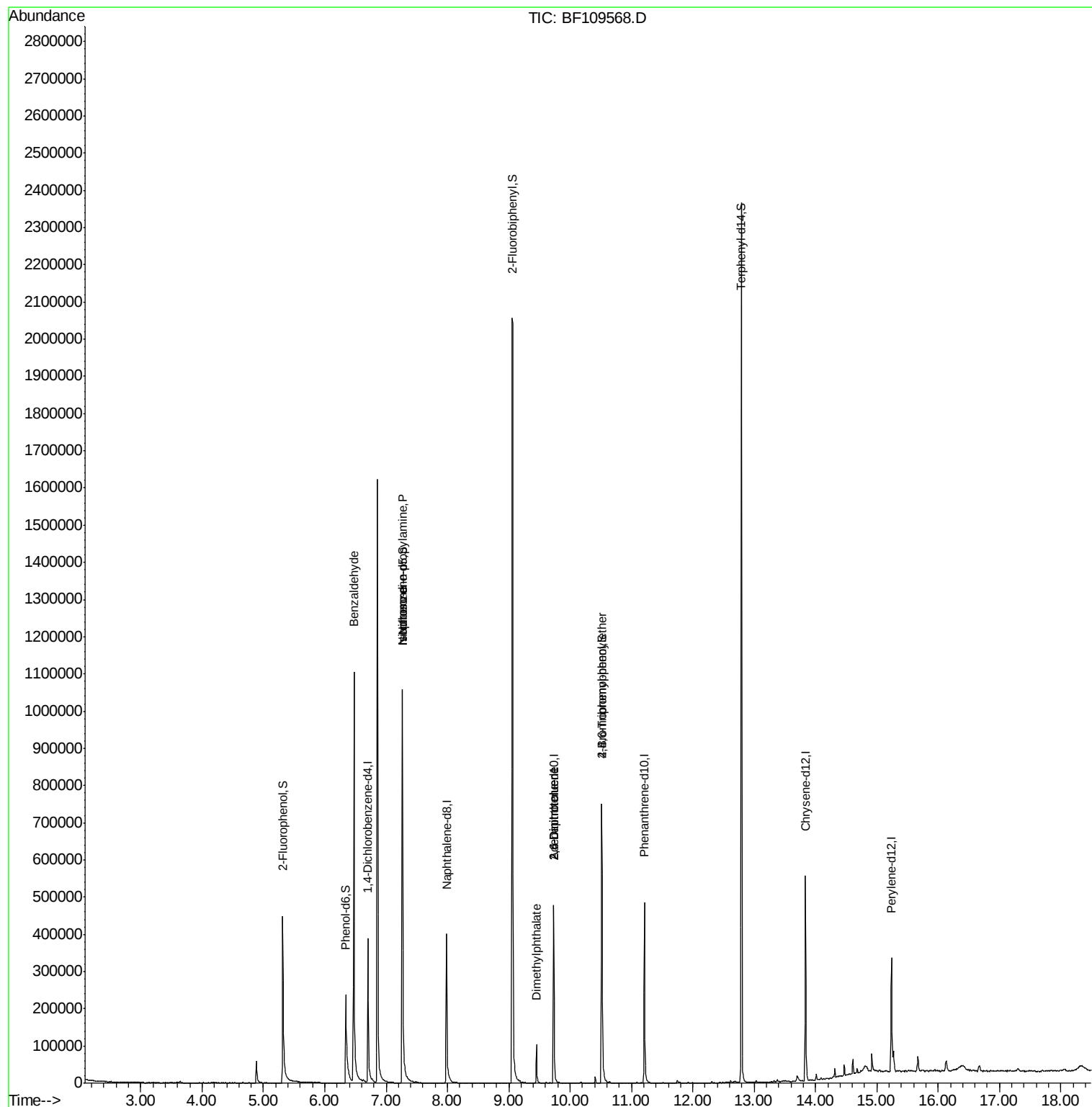
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	74918	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	256390	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	103229	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	202764	20.00	ng	0.00
75) Chrysene-d12	13.84	240	210632	20.00	ng	0.00
86) Perylene-d12	15.24	264	147975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	181617	39.93	ng	0.00
7) Phenol-d6	6.34	99	149880	25.82	ng	-0.02
23) Nitrobenzene-d5	7.26	82	471314	108.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	106810	104.96	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	797176	116.47	ng	-0.01
78) Terphenyl-d14	12.79	244	847745	98.77	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	7687	2.062	ng	# 75
19) n-Nitroso-di-n-propylamine	7.26	70	61843	16.261	ng	# 77
25) Isophorone	7.26	82	450372	57.584	ng	# 64
49) Dimethylphthalate	9.45	163	49319	6.569	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	12404	8.342	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	12404	6.593	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6038	2.682	ng	# 1

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

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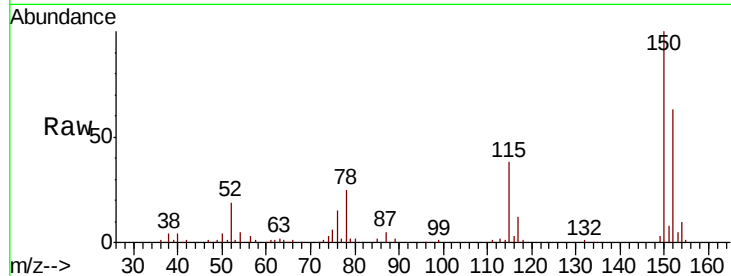


#1

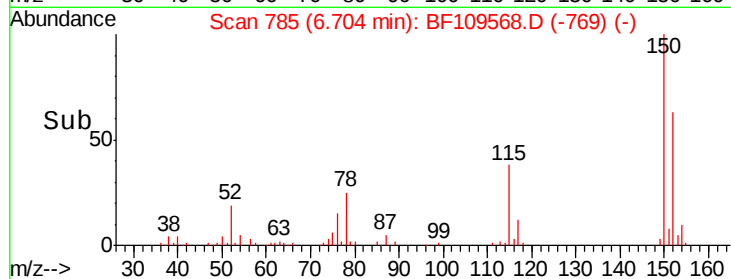
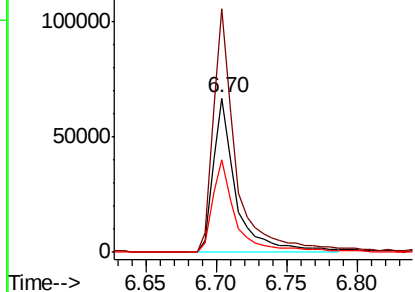
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 74918
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.9 50.1 75.1



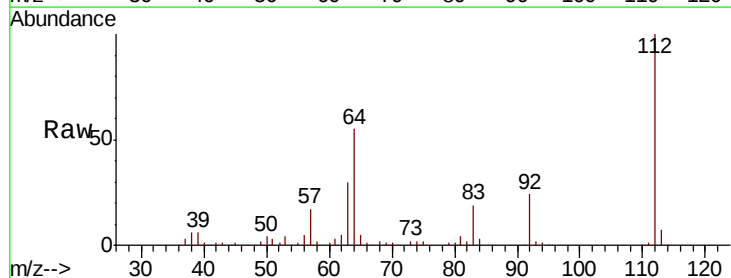
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



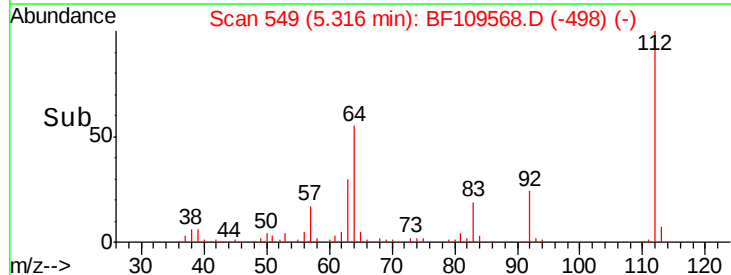
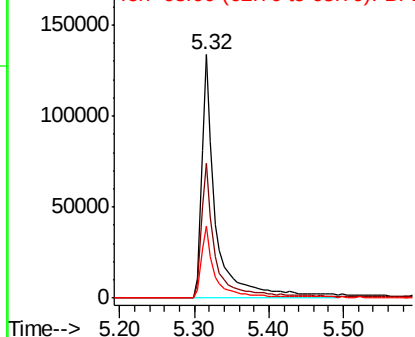
#5

2-Fluorophenol
Concen: 39.929 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

Tgt Ion:112 Resp: 181617
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 29.7 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: 25.823 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109568.D

Acq: 4 Oct 2018 1:54

Instrument :

BNA_F

ClientSampled :

DFTPP

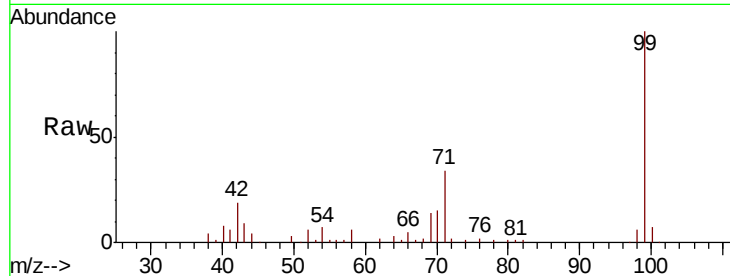
Tgt Ion: 99 Resp: 149880

Ion Ratio Lower Upper

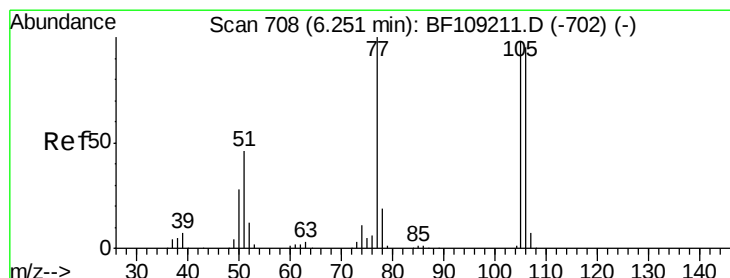
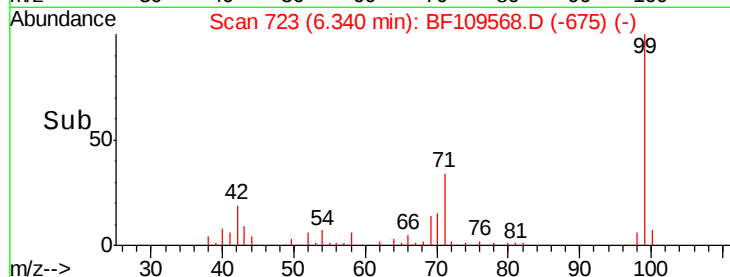
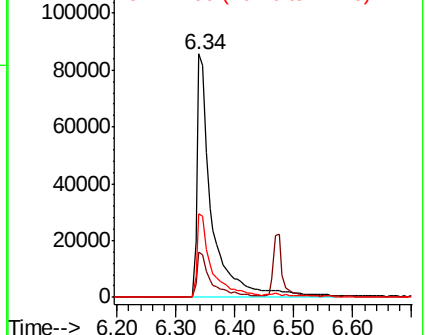
99 100

42 18.8 14.5 21.7

71 34.4 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



#9

Benzaldehyde

Concen: 2.062 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109568.D

Acq: 4 Oct 2018 1:54

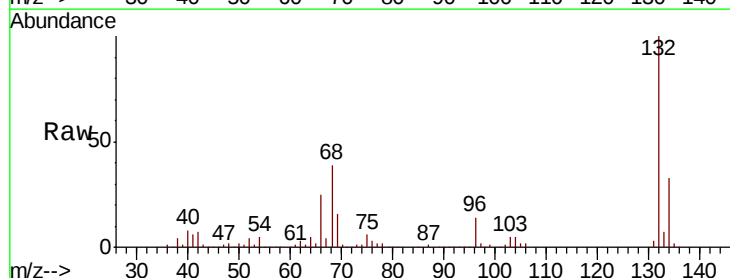
Tgt Ion: 77 Resp: 7687

Ion Ratio Lower Upper

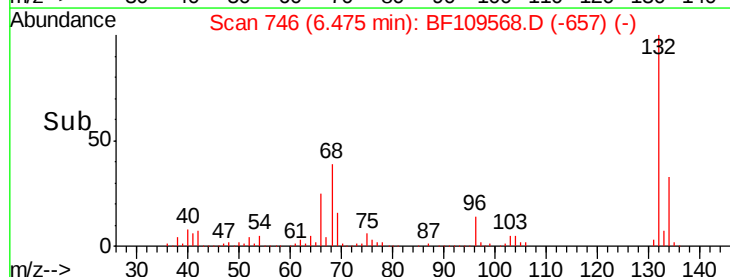
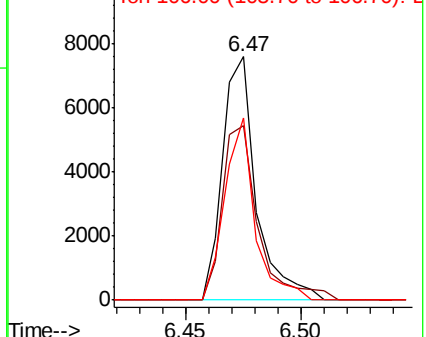
77 100

105 71.8 81.1 121.1#

106 74.8 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

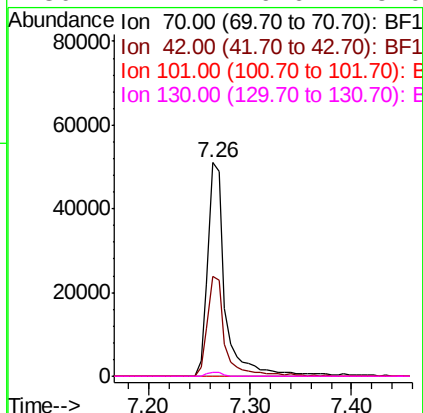
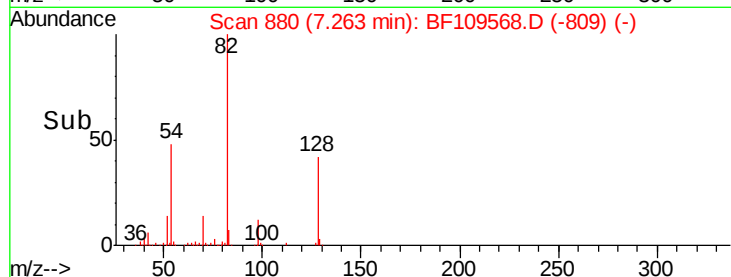
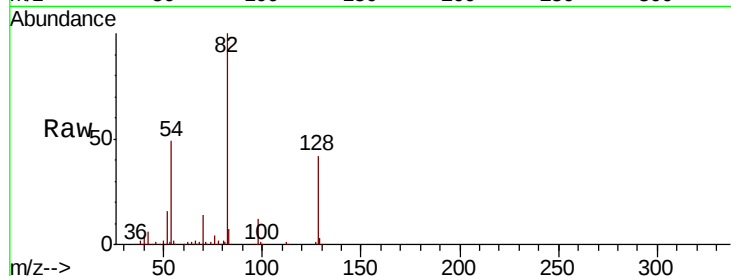




#19
n-Nitroso-di-n-propylamine
Concen: 16.261 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

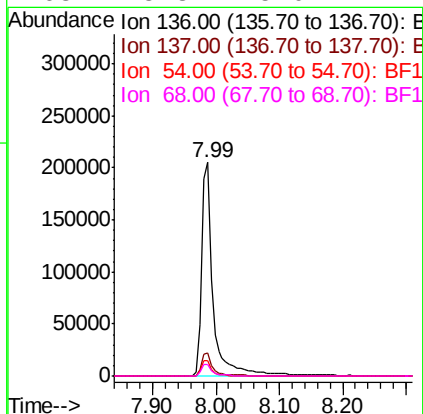
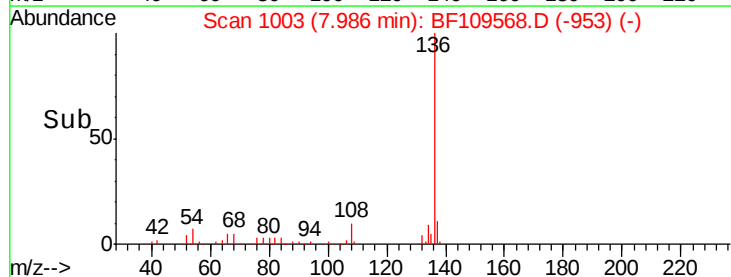
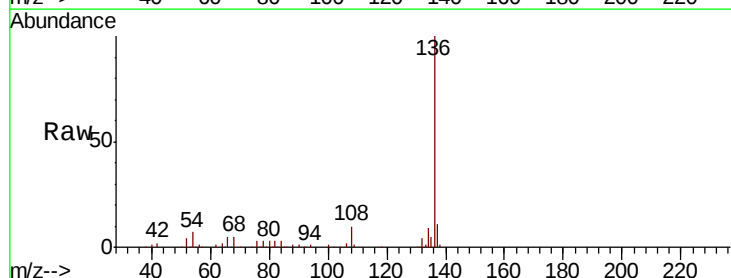
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 70 Resp: 61843
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 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: BF109568.D
Acq: 4 Oct 2018 1:54

Tgt Ion: 136 Resp: 256390
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.0 6.6 9.8
68 5.3 5.0 7.4

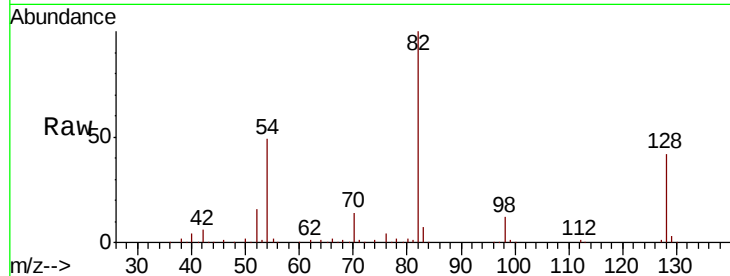




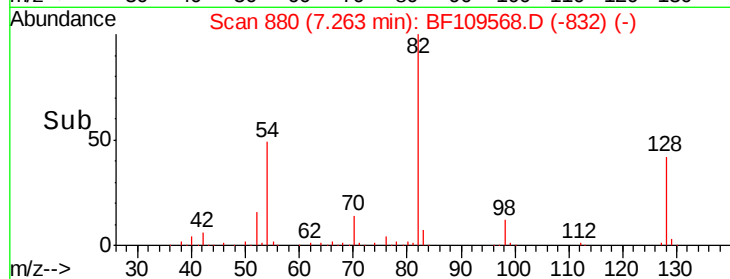
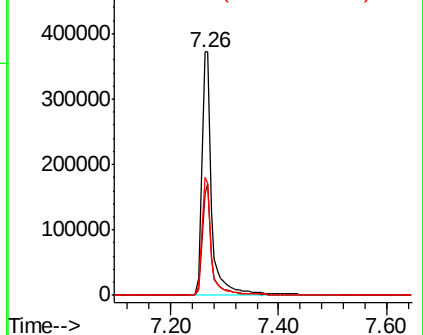
#23
Nitrobenzene-d5
Concen: 108.516 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 82 Resp: 471314
Ion Ratio Lower Upper
82 100
128 41.5 36.1 54.1
54 48.8 41.4 62.2

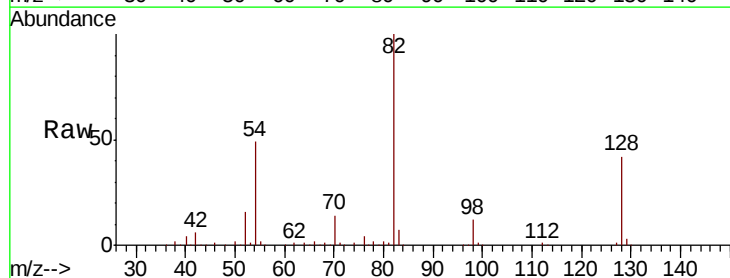


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

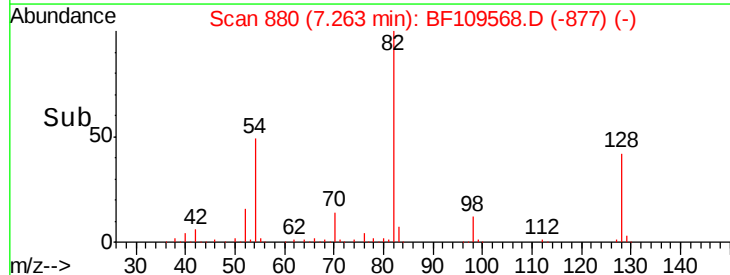
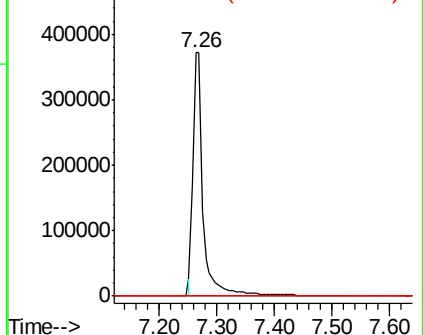


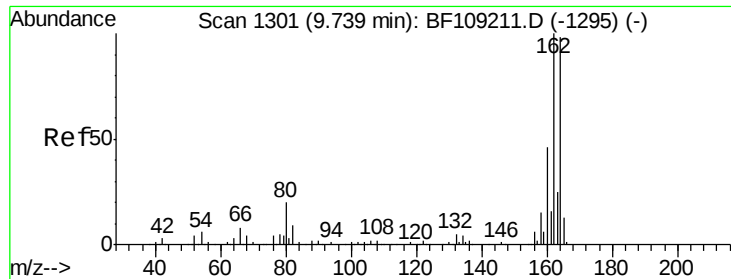
#25
Isophorone
Concen: 57.584 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

Tgt Ion: 82 Resp: 450372
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

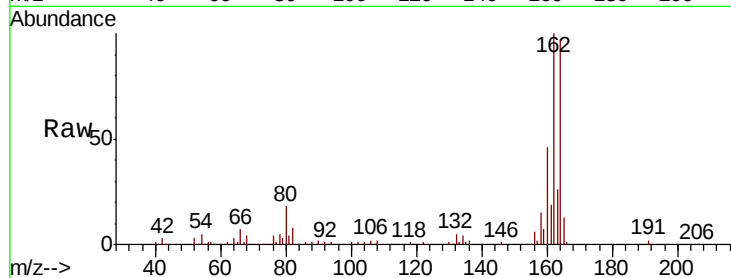




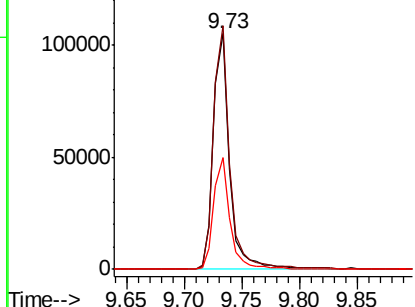
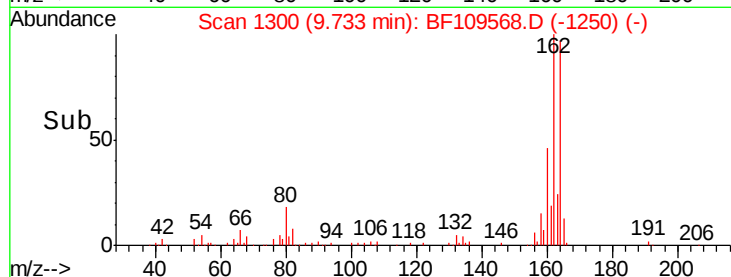
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109568.D
 Acq: 4 Oct 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:164 Resp: 103229
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 47.3 38.3 57.5

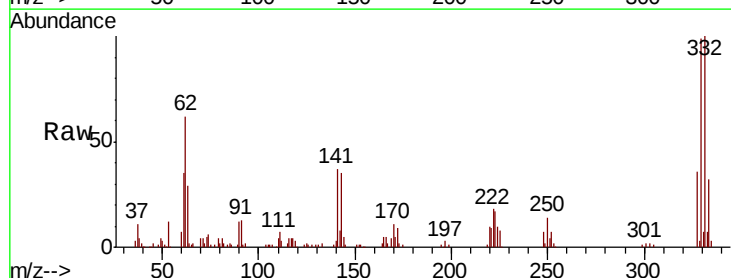


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

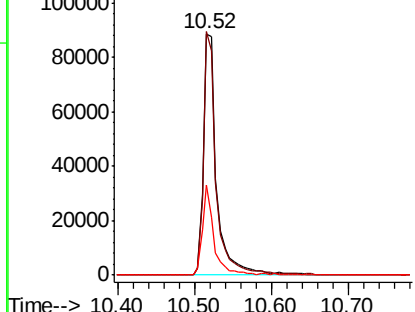
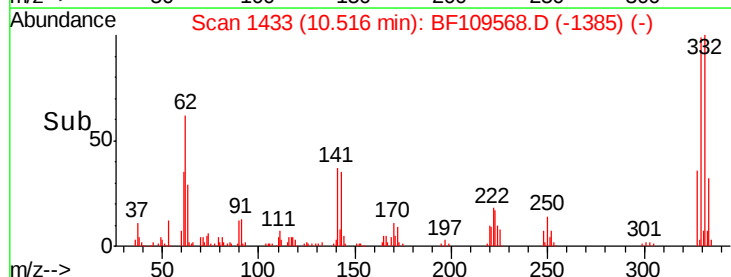


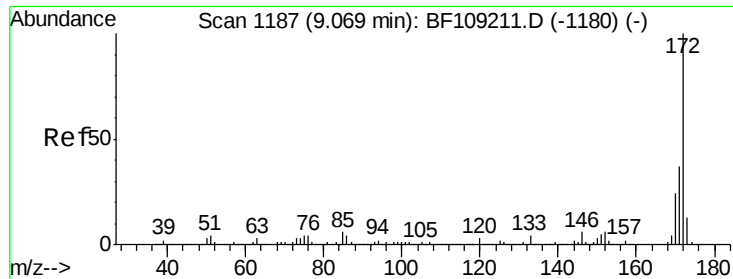
#41
 2,4,6-Tribromophenol
 Concen: 104.960 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109568.D
 Acq: 4 Oct 2018 1:54

Tgt Ion:330 Resp: 106810
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.5 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

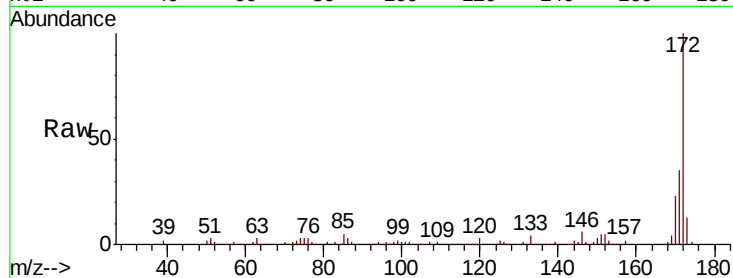




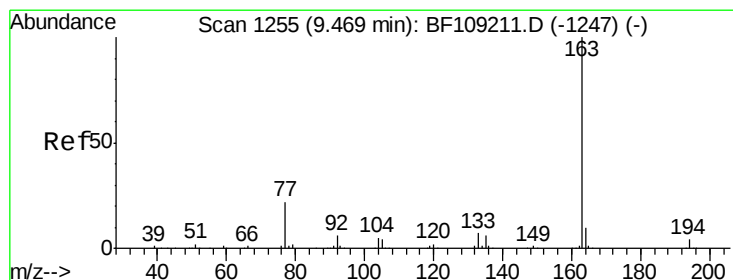
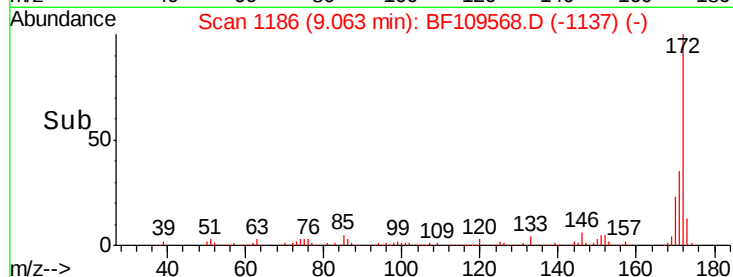
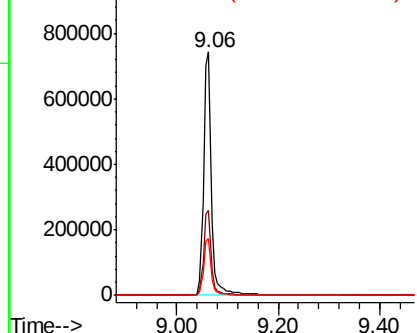
#44
 2-Fluorobiphenyl
 Concen: 116.469 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109568.D
 Acq: 4 Oct 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 797176
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.4 19.6 29.4

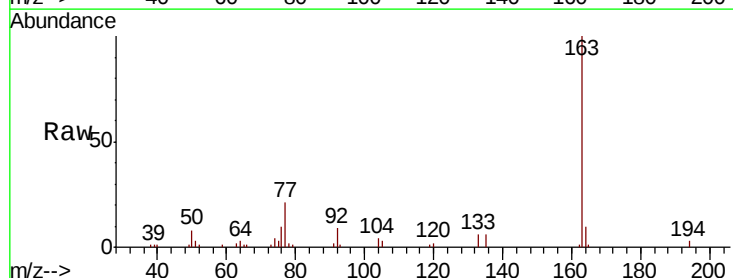


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

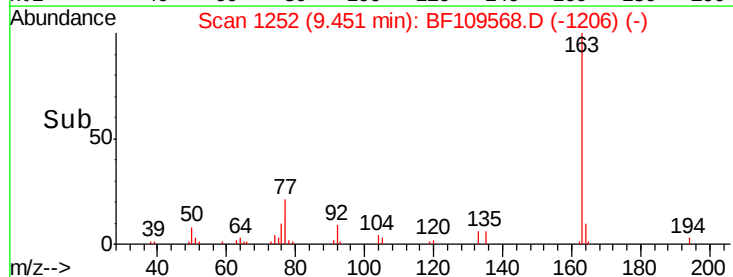
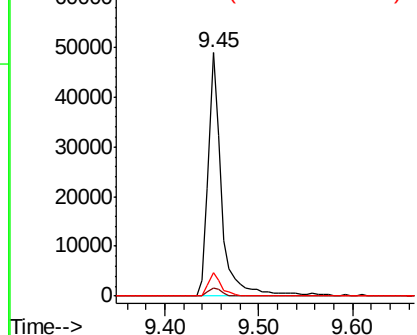


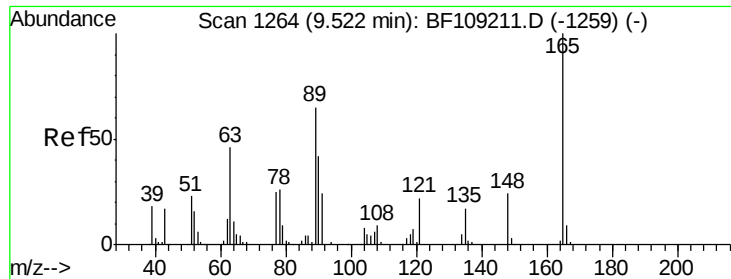
#49
 Dimethylphthalate
 Concen: 6.569 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109568.D
 Acq: 4 Oct 2018 1:54

Tgt Ion:163 Resp: 49319
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 9.5 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

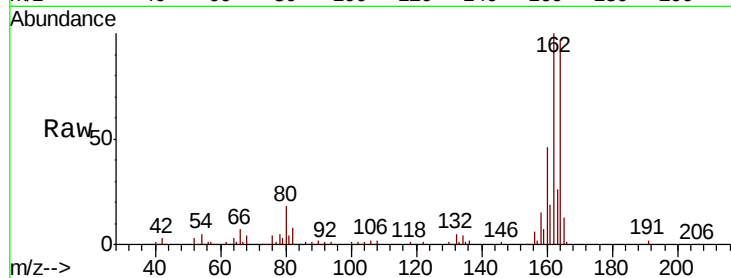




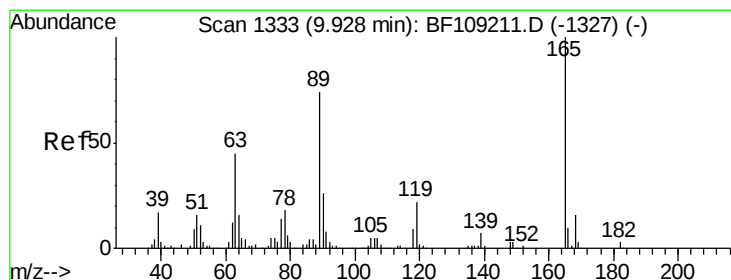
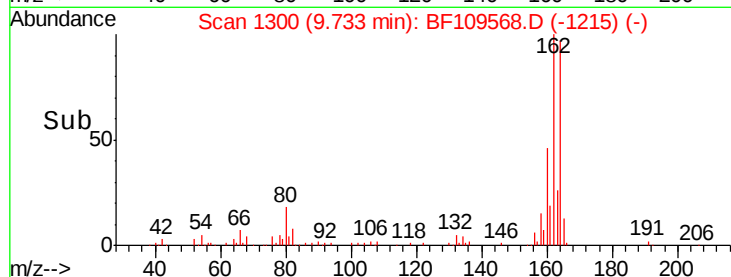
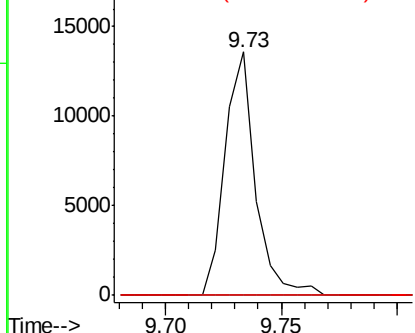
#50
 2,6-Dinitrotoluene
 Concen: 8.342 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109568.D
 Acq: 4 Oct 2018 1:54

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:165 Resp: 12404
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

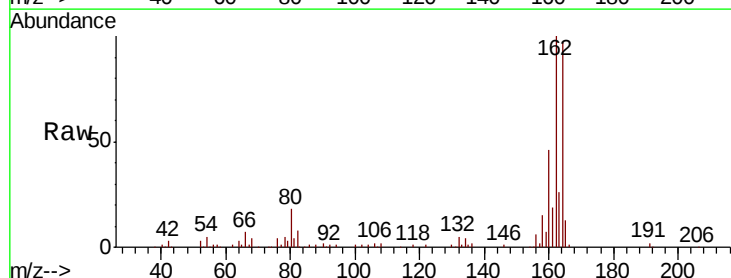


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

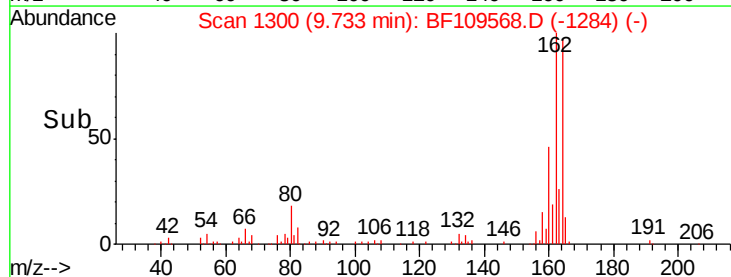
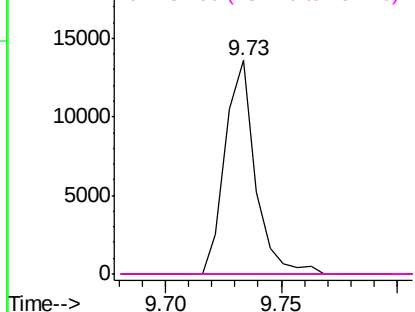


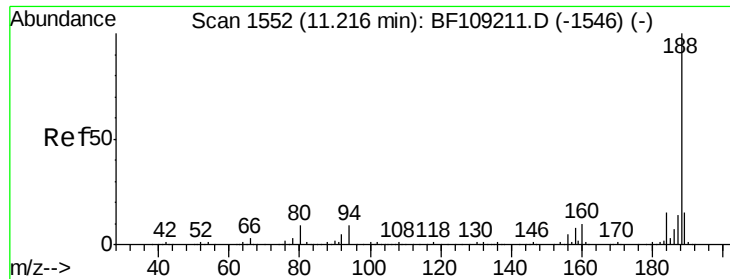
#56
 2,4-Dinitrotoluene
 Concen: 6.593 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109568.D
 Acq: 4 Oct 2018 1:54

Tgt Ion:165 Resp: 12404
 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

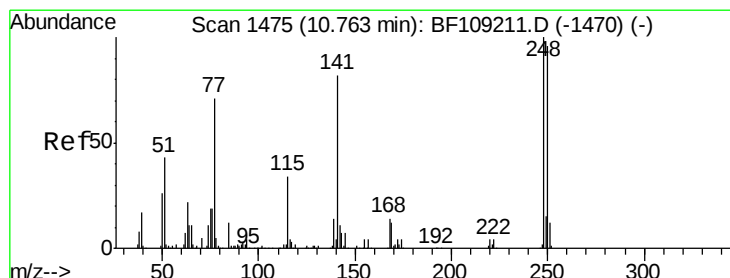
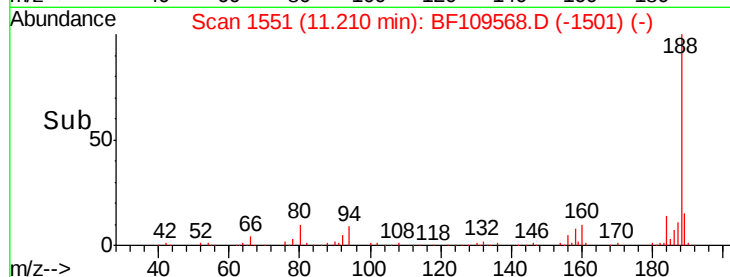
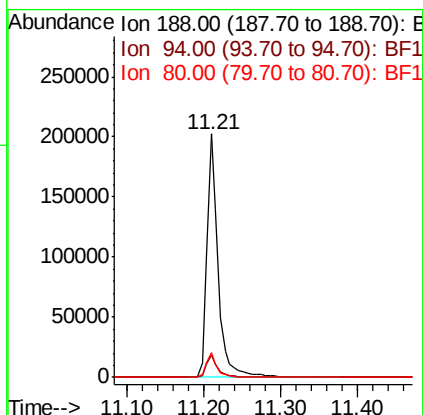
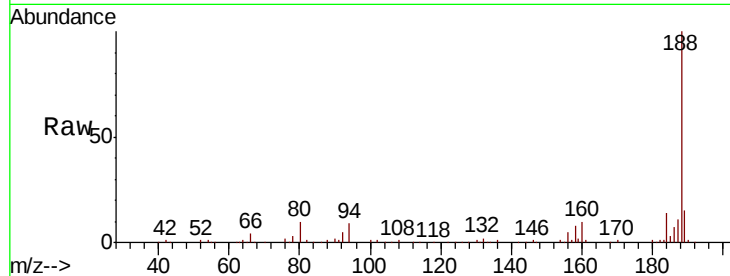




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

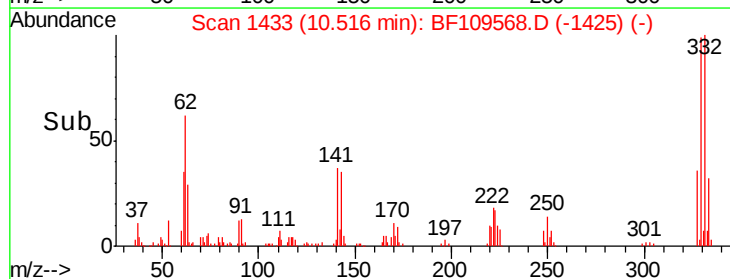
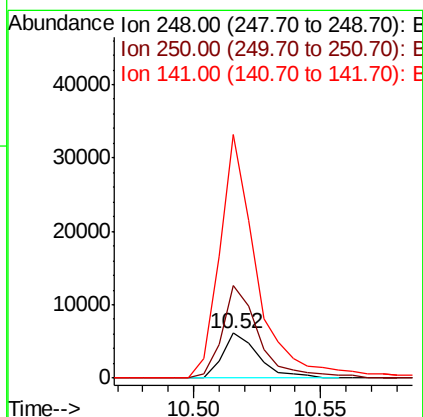
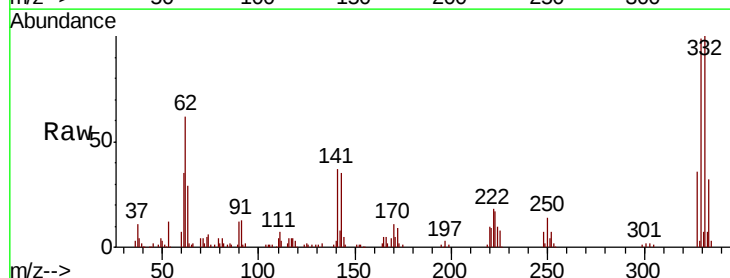
Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 202764
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.682 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

Tgt Ion:248 Resp: 6038
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 539.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109568.D

Acq: 4 Oct 2018 1:54

Instrument :

BNA_F

ClientSampleId :

DFTPP

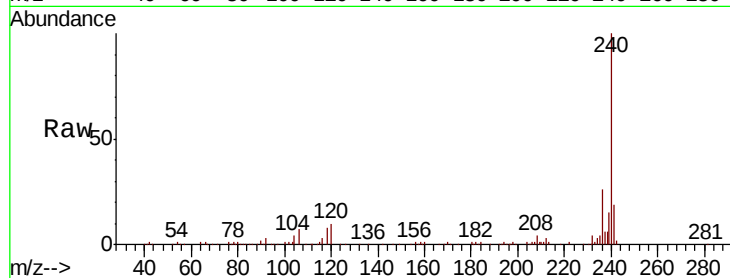
Tgt Ion:240 Resp: 210632

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

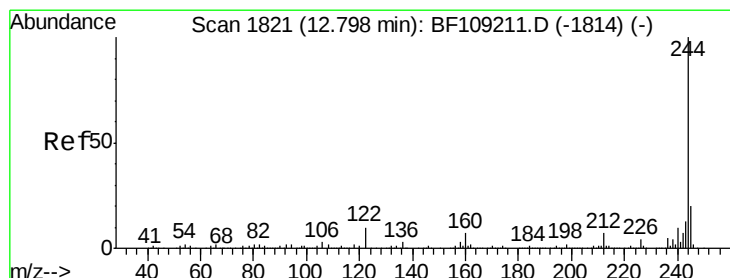
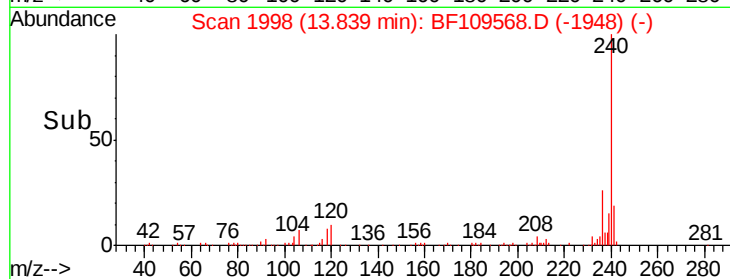
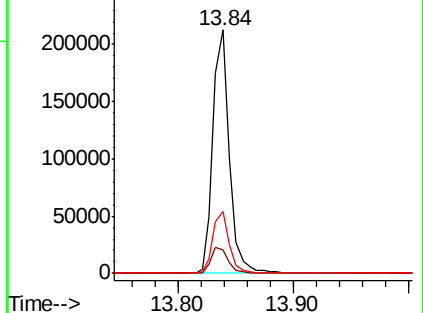
236 25.7 20.7 31.1



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: 98.774 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109568.D

Acq: 4 Oct 2018 1:54

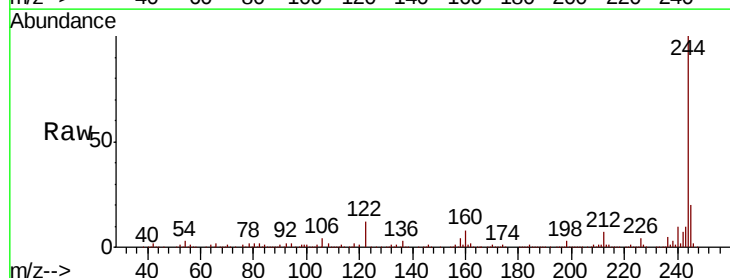
Tgt Ion:244 Resp: 847745

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

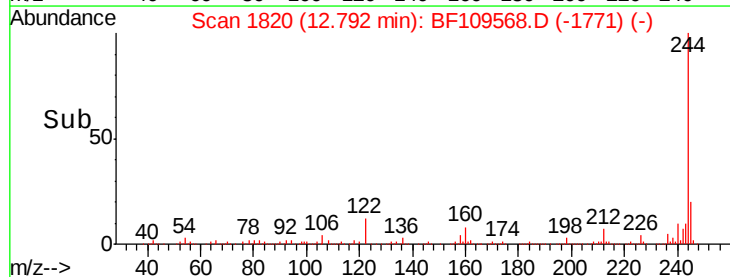
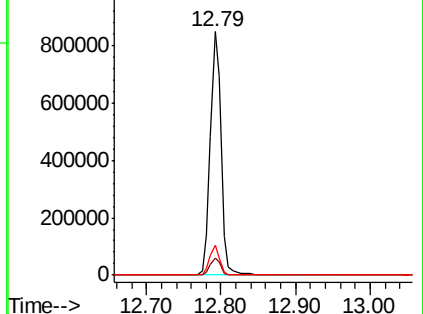
122 12.4 11.0 16.4

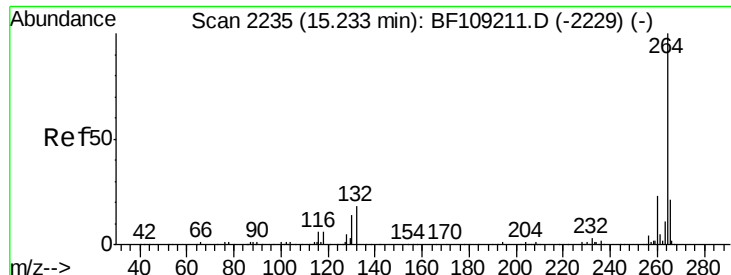


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109568.D
Acq: 4 Oct 2018 1:54

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 147975
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 20.8 17.5 26.3

