

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109772.D
 Acq On : 11 Oct 2018 5:46
 Operator : JU/SJ
 Sample : J5326-24
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Oct 11 07:26:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

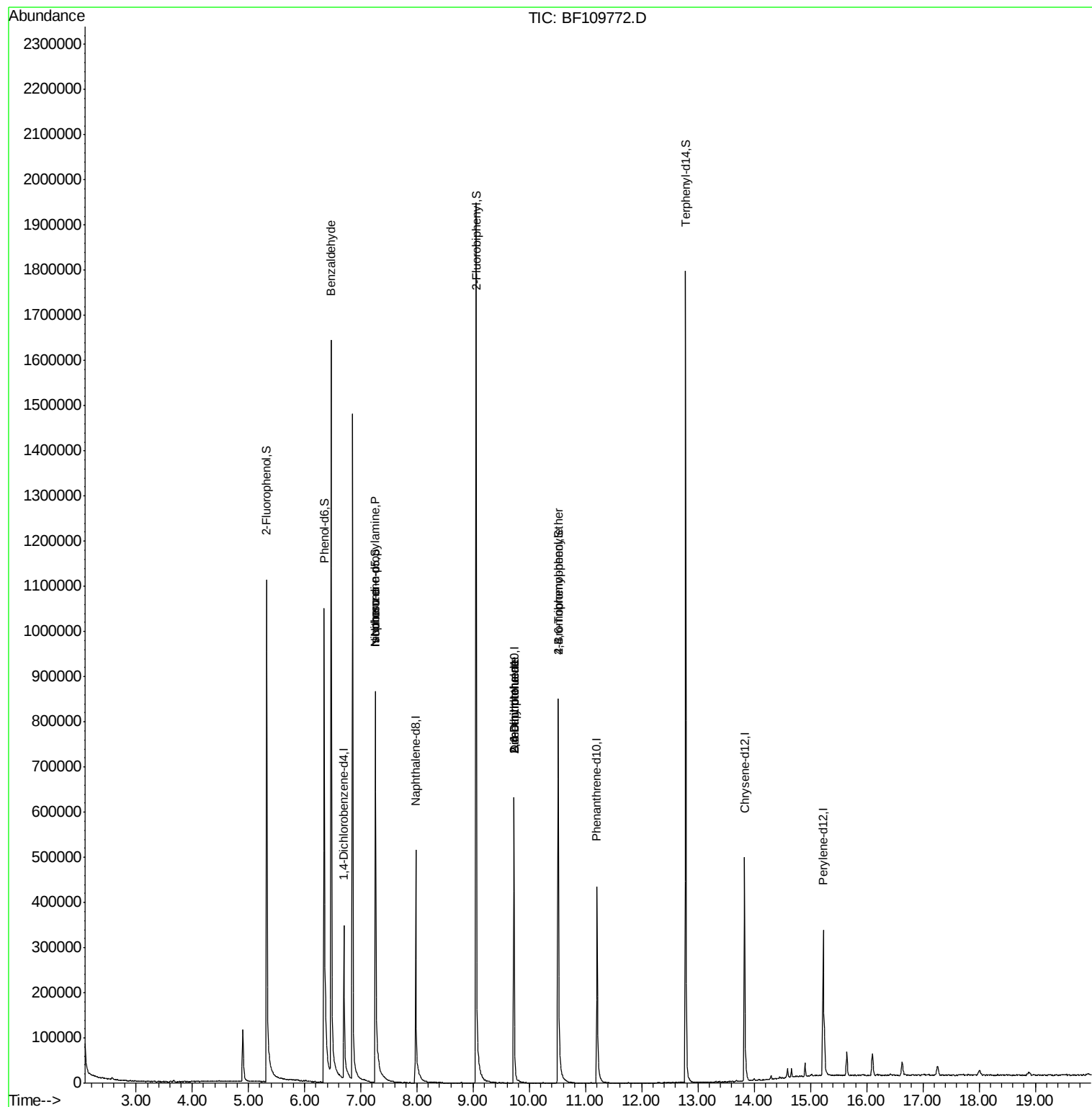
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80929	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	321183	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	145879	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	238787	20.00	ng	0.00
75) Chrysene-d12	13.83	240	219891	20.00	ng	0.00
86) Perylene-d12	15.23	264	199346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	429146	94.13	ng	0.00
7) Phenol-d6	6.35	99	561066	92.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	447426	76.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	146542	92.19	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	807568	76.24	ng	0.00
78) Terphenyl-d14	12.78	244	660448	58.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	12511	3.192	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	57467	13.454	ng	# 79
25) Isophorone	7.26	82	447426	46.243	ng	# 67
49) Dimethylphthalate	9.72	163	36395	3.402	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	17695	7.630	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	17695	6.114	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	8522	3.106	ng	# 1

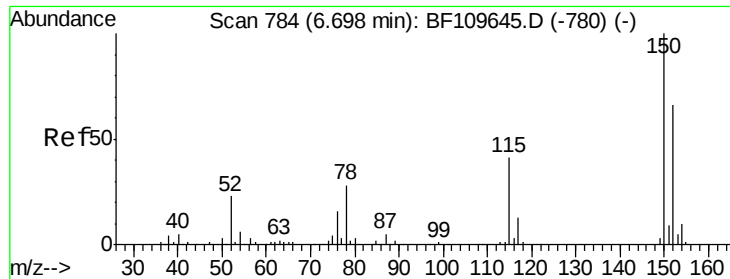
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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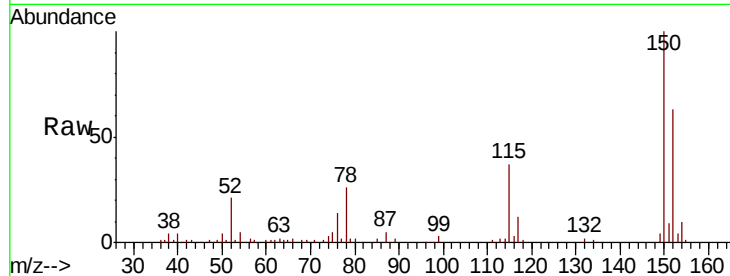




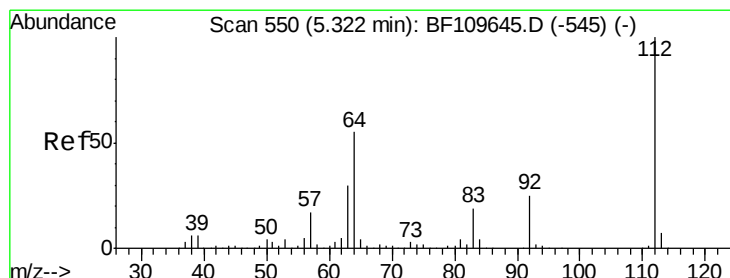
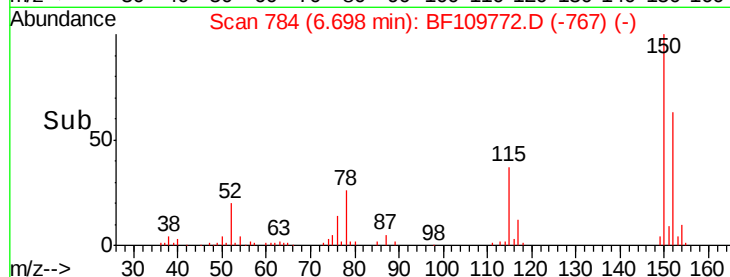
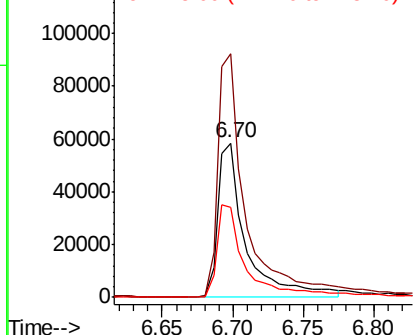
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109772.D
 Acq: 11 Oct 2018 5:46

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 80929
 Ion Ratio Lower Upper
 152 100
 150 158.1 122.7 184.1
 115 58.5 49.1 73.7

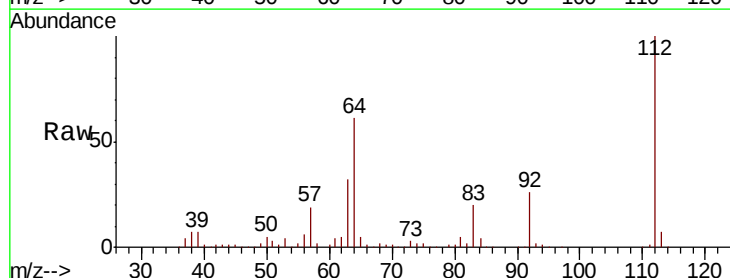


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

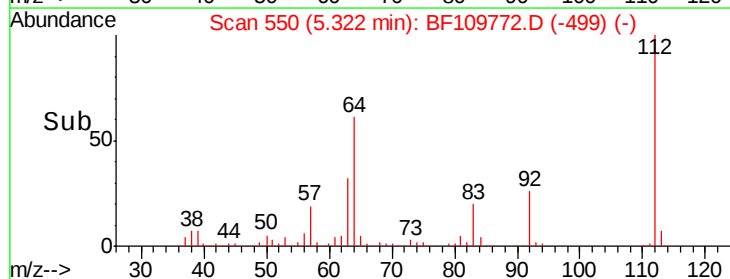
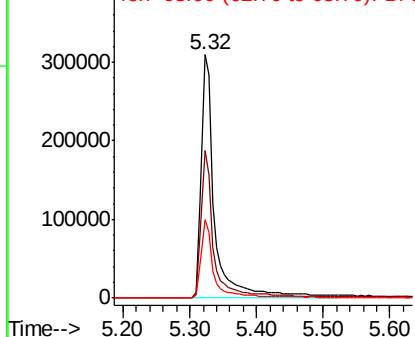


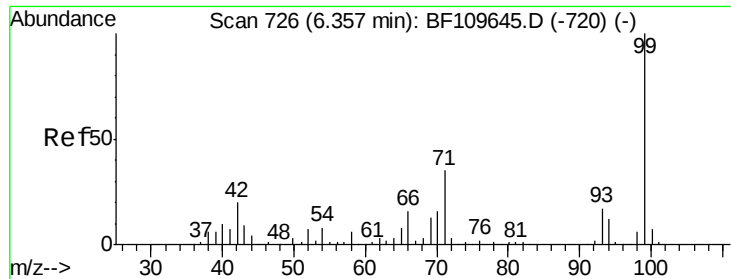
#5
 2-Fluorophenol
 Concen: 94.125 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF109772.D
 Acq: 11 Oct 2018 5:46

Tgt Ion:112 Resp: 429146
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.1 66.1
 63 32.3 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: 92.118 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109772.D

Acq: 11 Oct 2018 5:46

Instrument :

BNA_F

ClientSampled :

DFTPP

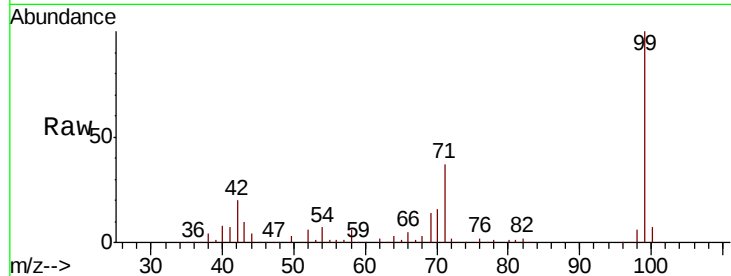
Tgt Ion: 99 Resp: 561066

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

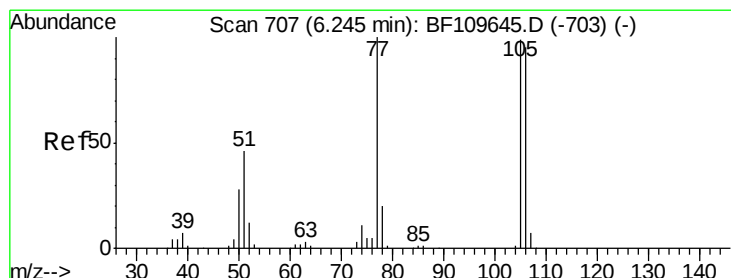
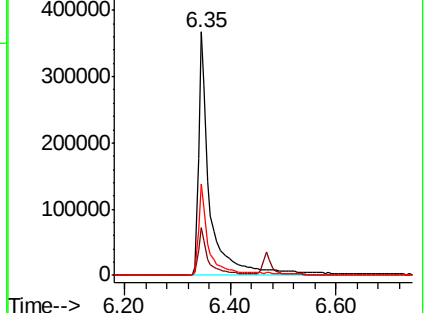
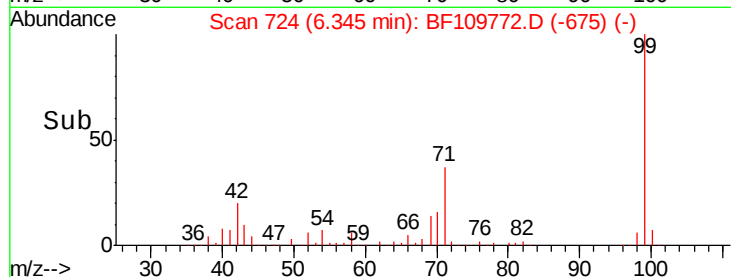
71 37.5 28.0 42.0



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: 3.192 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109772.D

Acq: 11 Oct 2018 5:46

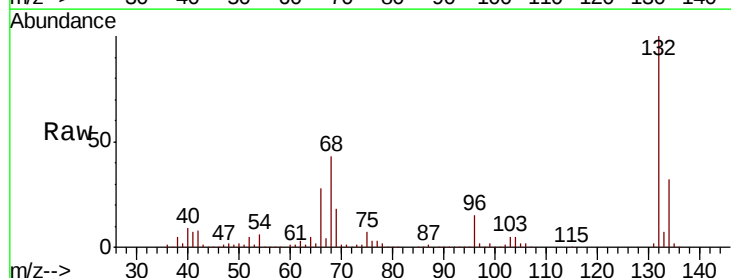
Tgt Ion: 77 Resp: 12511

Ion Ratio Lower Upper

77 100

105 74.4 78.6 118.6#

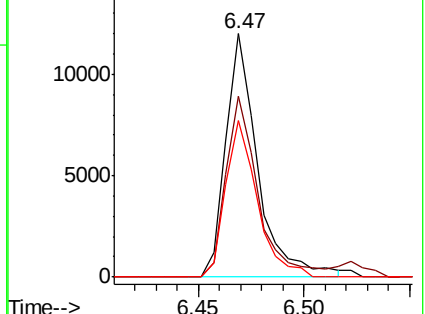
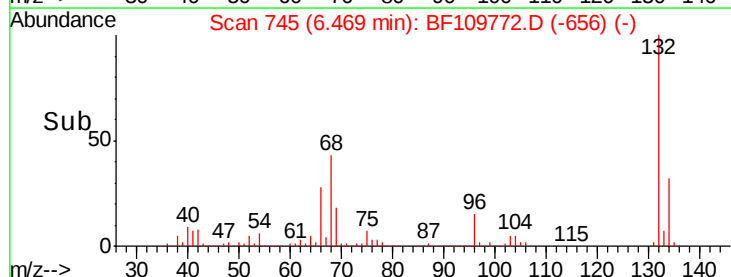
106 64.5 74.8 114.8#

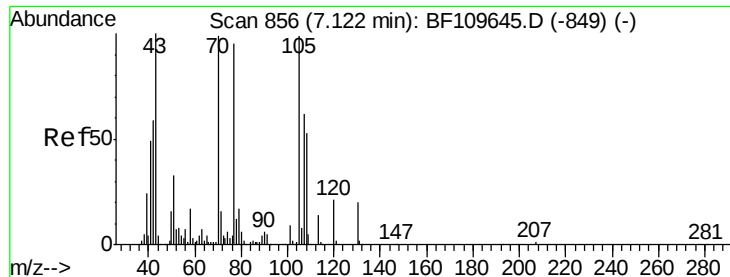


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

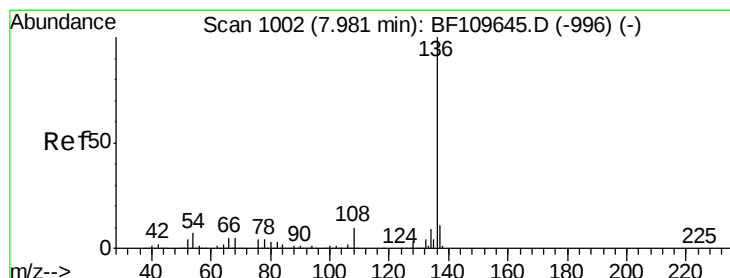
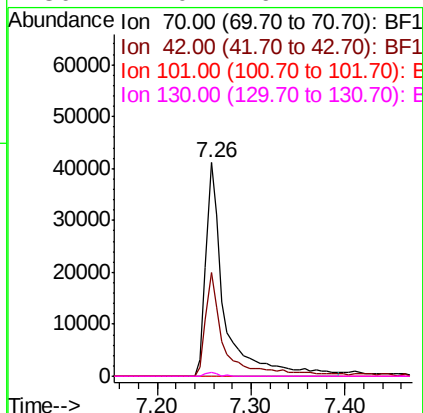
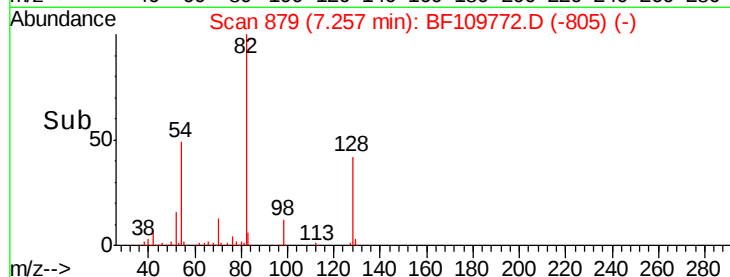
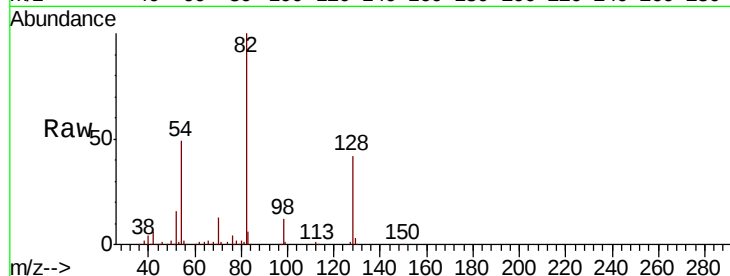




#19
n-Nitroso-di-n-propylamine
Concen: 13.454 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

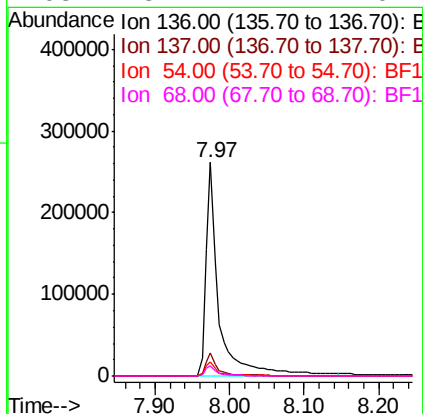
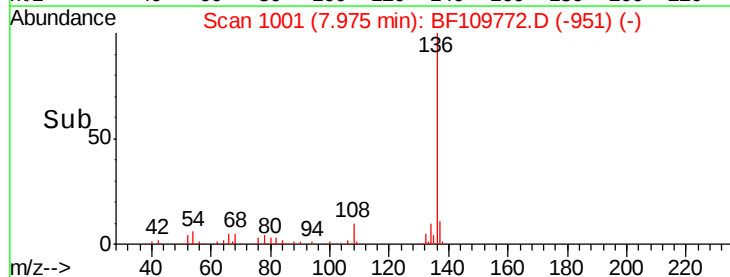
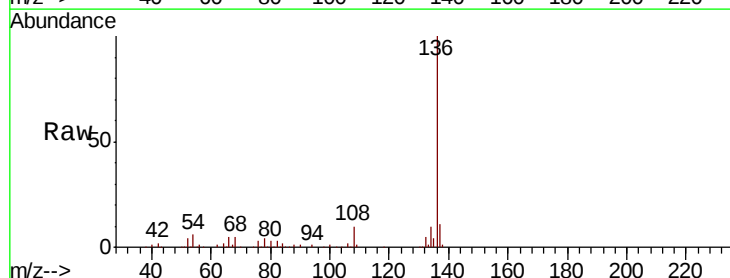
Instrument :
BNA_F
ClientSampleId :
DFTPP

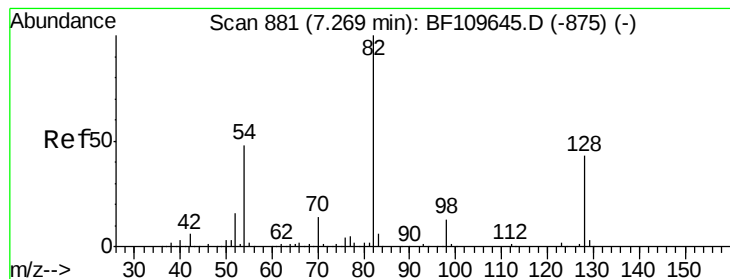
Tgt Ion: 70 Resp: 57467
Ion Ratio Lower Upper
70 100
42 48.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

Tgt Ion: 136 Resp: 321183
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.4 5.4 8.2
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 76.790 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109772.D

Acq: 11 Oct 2018 5:46

Instrument :

BNA_F

ClientSampleId :

DFTPP

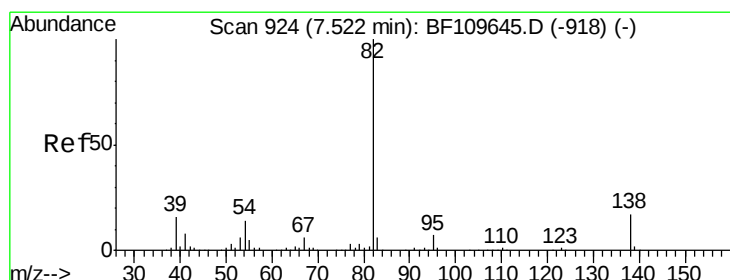
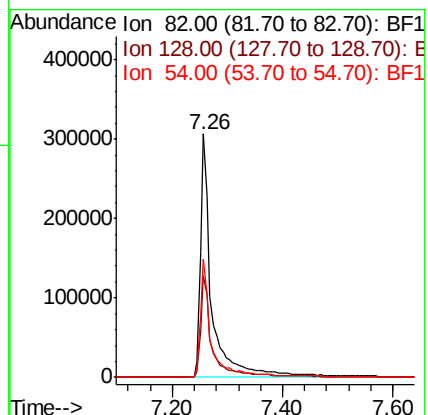
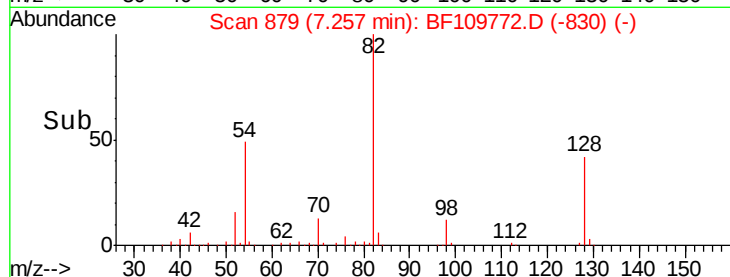
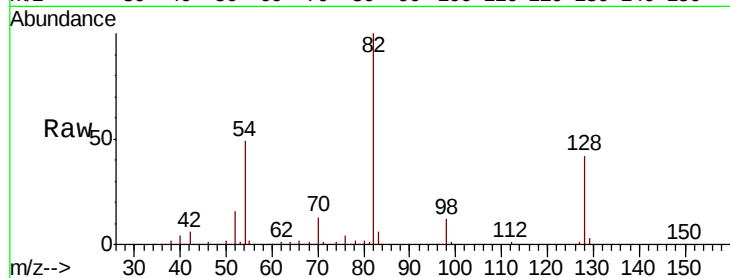
Tgt Ion: 82 Resp: 447426

Ion Ratio Lower Upper

82 100

128 41.6 34.2 51.2

54 48.5 38.6 58.0



#25

Isophorone

Concen: 46.243 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109772.D

Acq: 11 Oct 2018 5:46

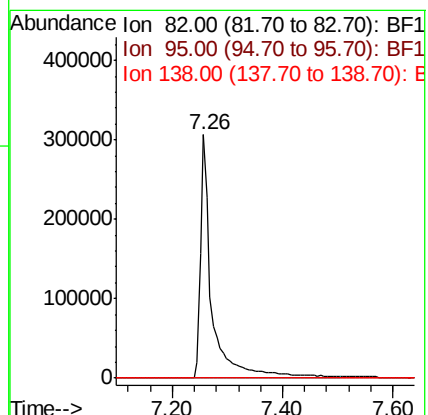
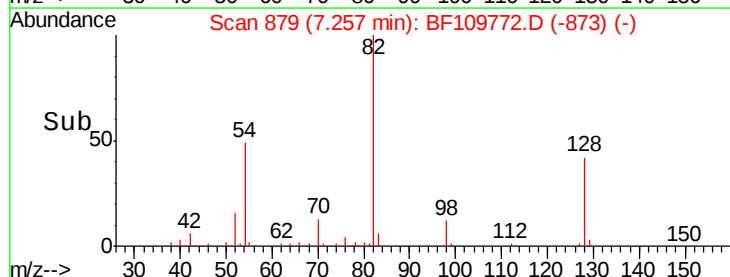
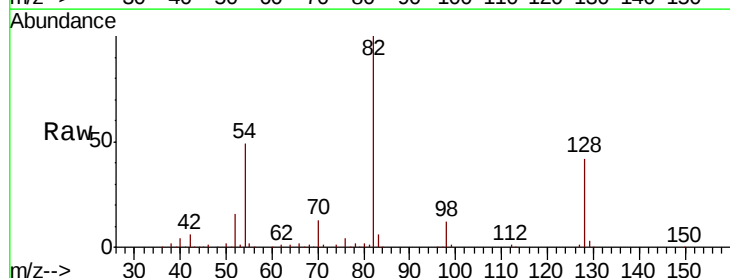
Tgt Ion: 82 Resp: 447426

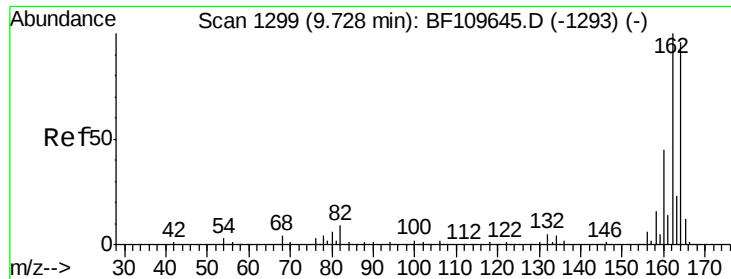
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#

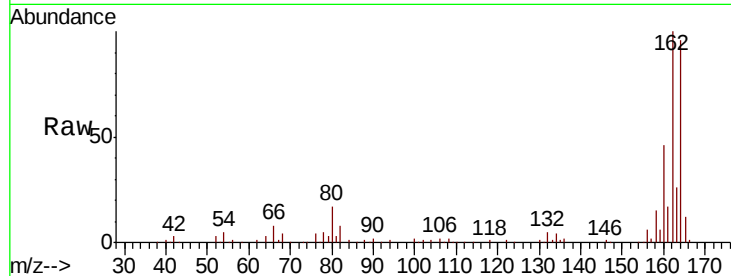




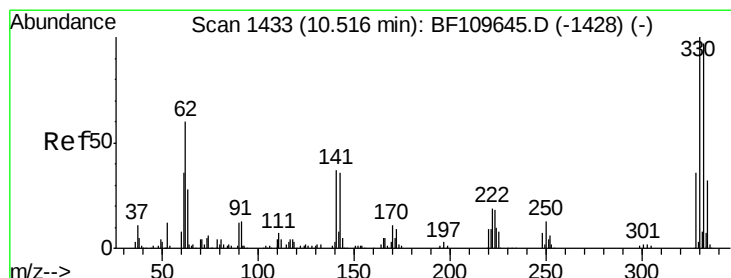
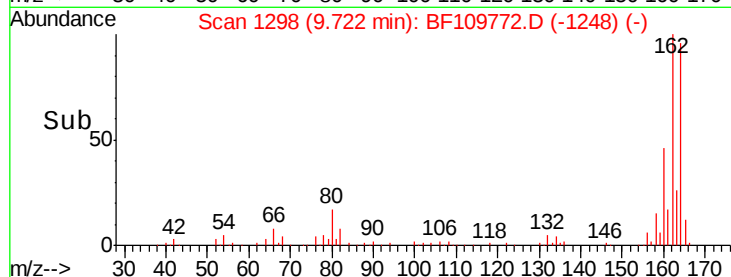
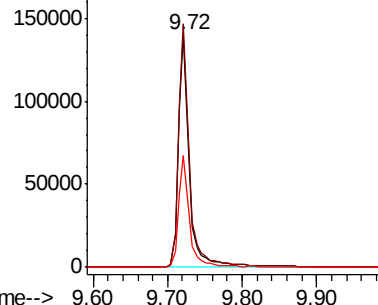
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 145879
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 48.0 37.0 55.6

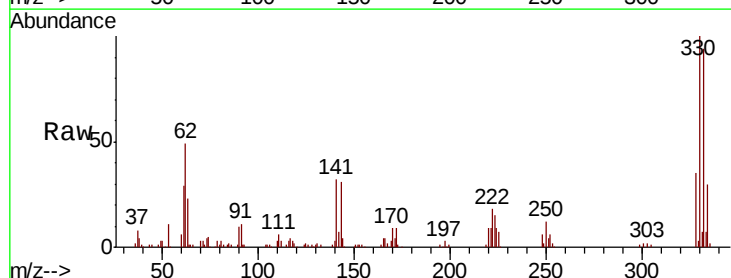


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

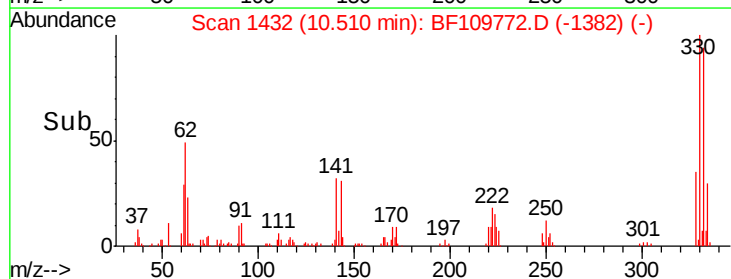
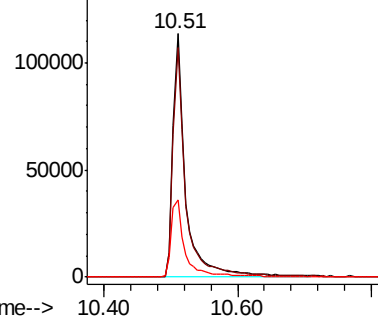


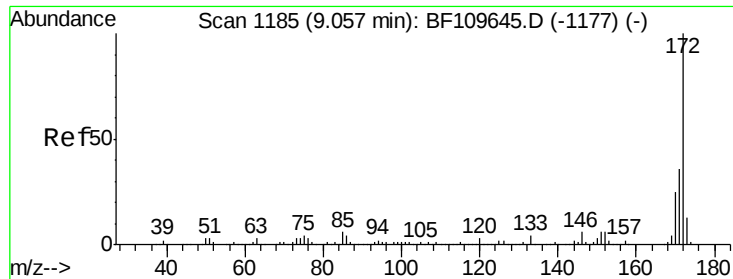
#41
2,4,6-Tribromophenol
Concen: 92.193 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

Tgt Ion:330 Resp: 146542
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 35.0 27.0 40.4



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

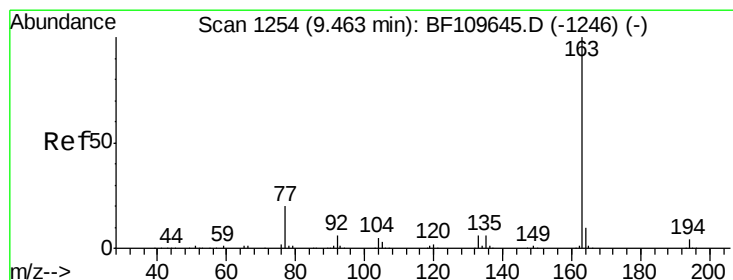
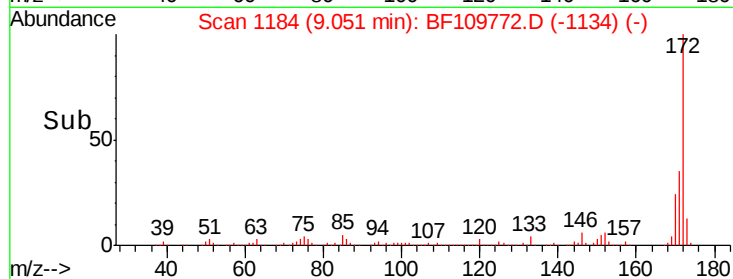
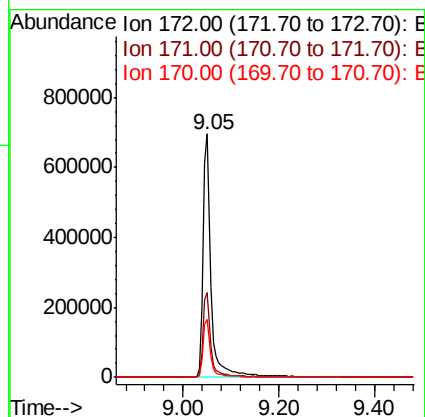
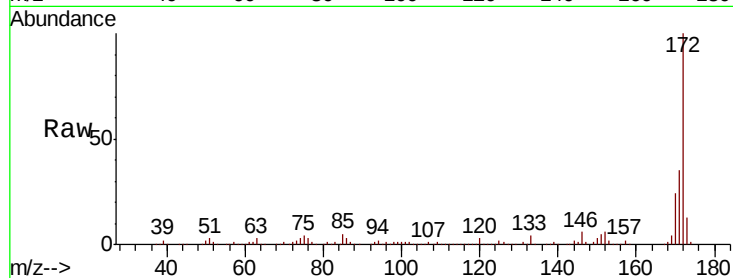




#44
2-Fluorobiphenyl
Concen: 76.243 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

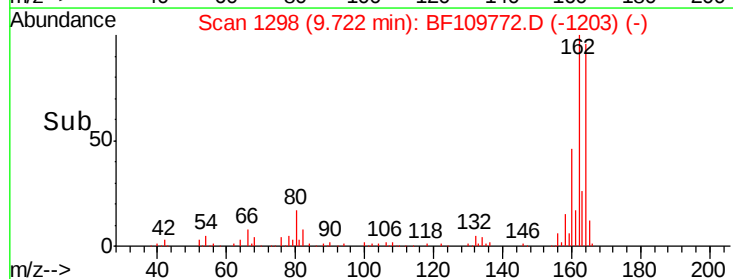
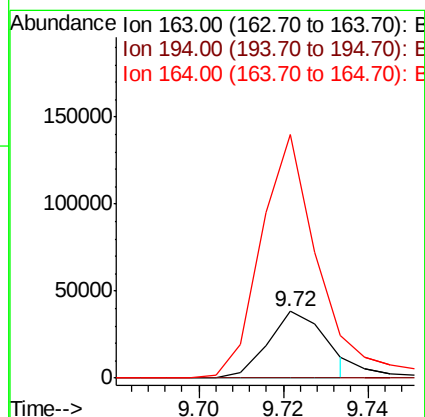
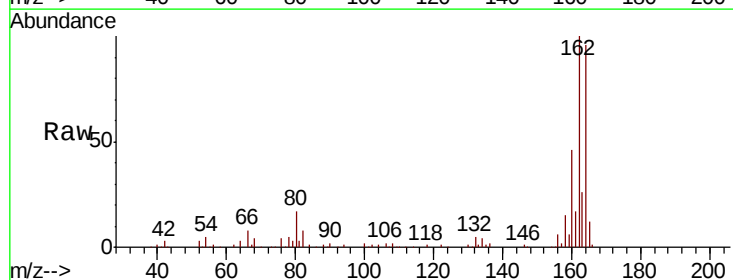
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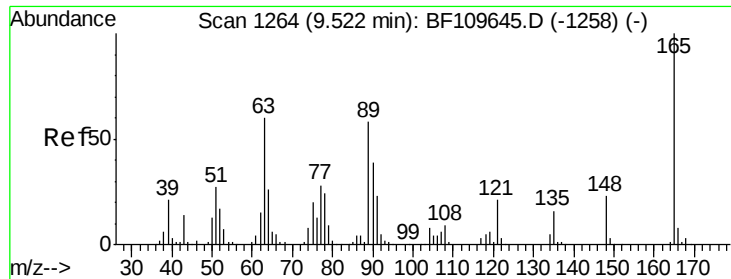
Tgt Ion:172 Resp: 807568
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 24.1 19.7 29.5



#49
Dimethylphthalate
Concen: 3.402 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

Tgt Ion:163 Resp: 36395
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 365.0 8.1 12.1#

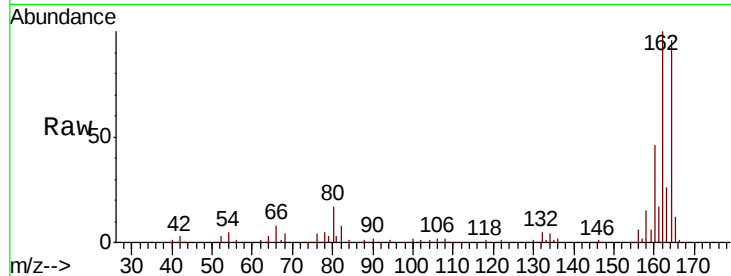




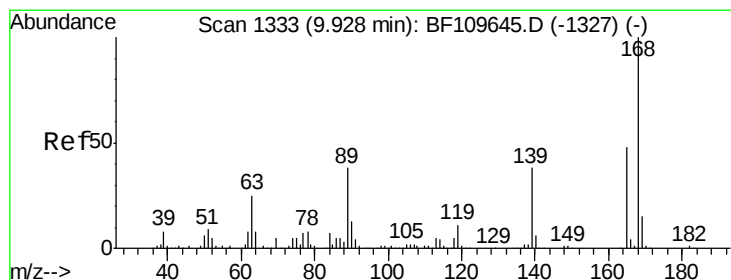
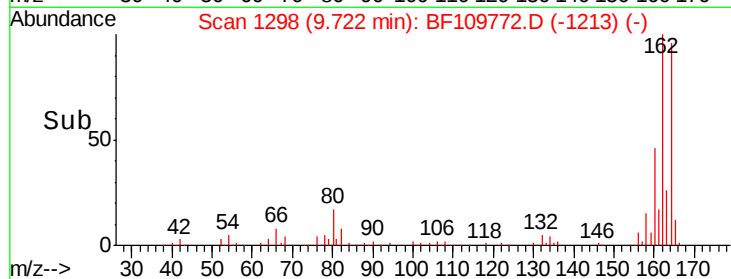
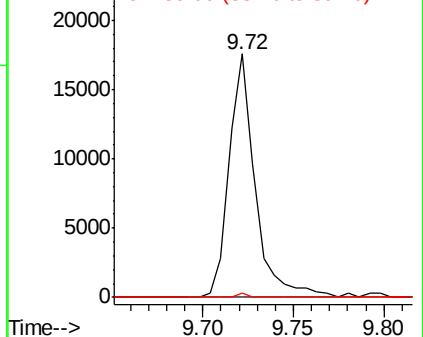
#50
 2,6-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109772.D
 Acq: 11 Oct 2018 5:46

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.9	46.6	69.8#

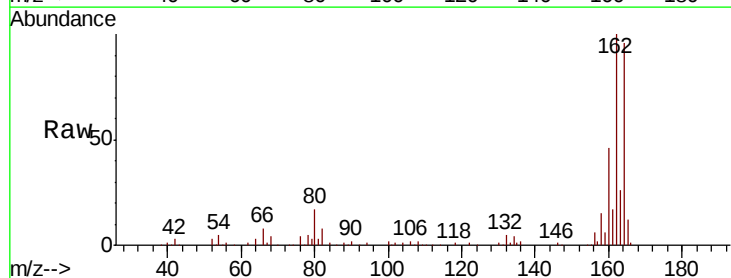


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

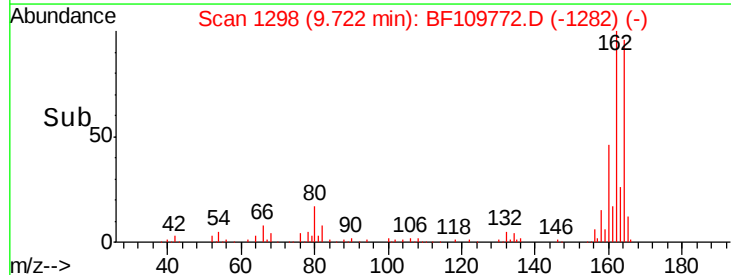
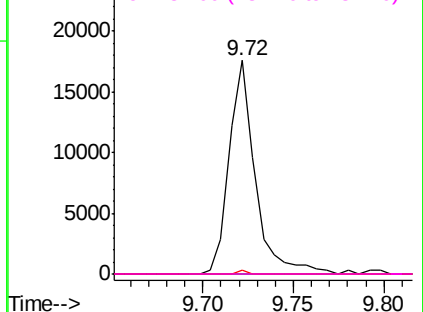


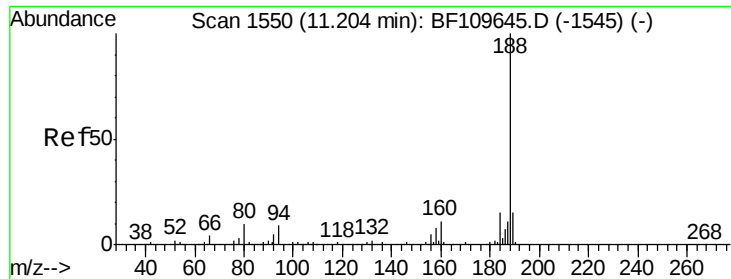
#56
 2,4-Dinitrotoluene
 Concen: 6.114 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109772.D
 Acq: 11 Oct 2018 5:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



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

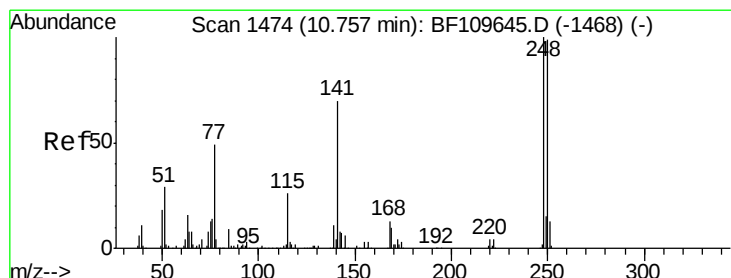
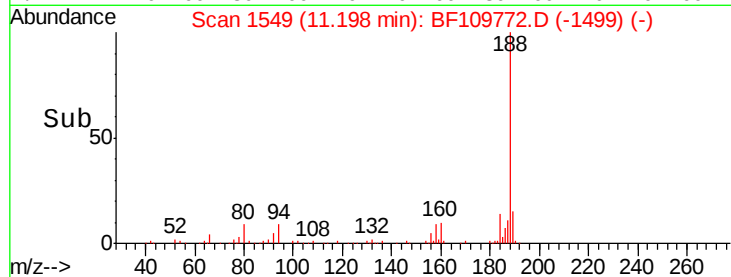
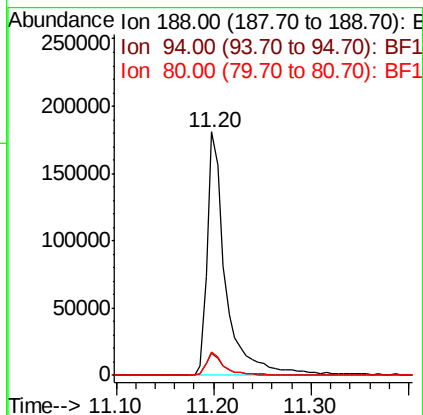
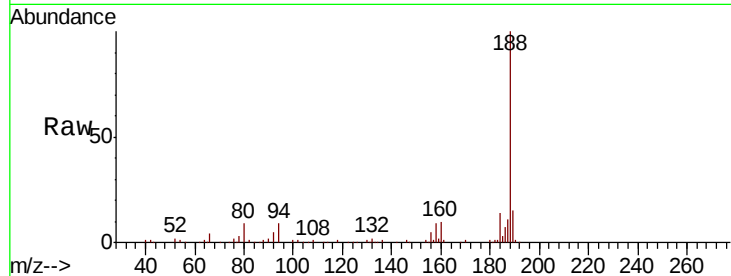




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

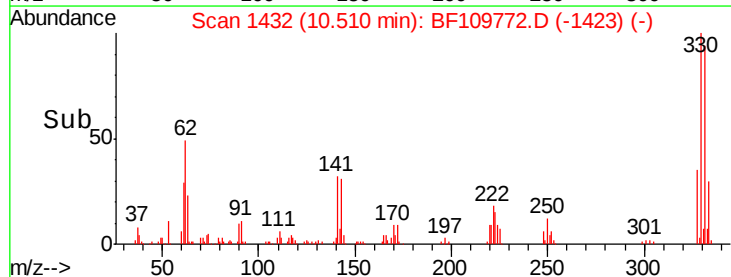
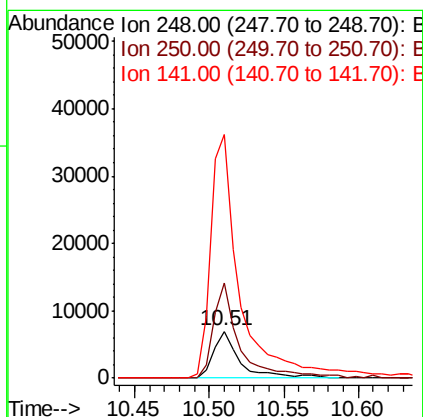
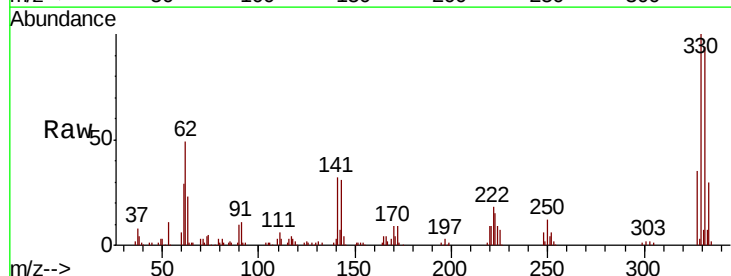
Instrument :
BNA_F
ClientSampleId :
DFTPP

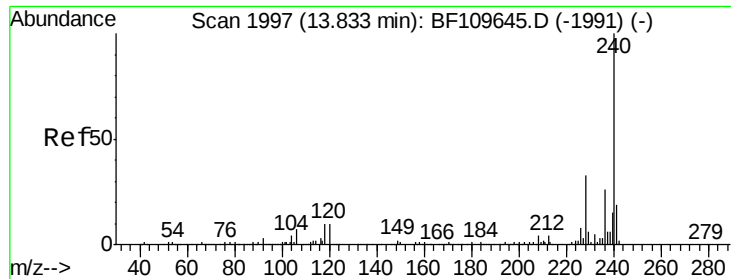
Tgt Ion:188 Resp: 238787
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.5 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 3.106 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

Tgt Ion:248 Resp: 8522
Ion Ratio Lower Upper
248 100
250 203.8 79.4 119.2#
141 521.0 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109772.D

Acq: 11 Oct 2018 5:46

Instrument :

BNA_F

ClientSampleId :

DFTPP

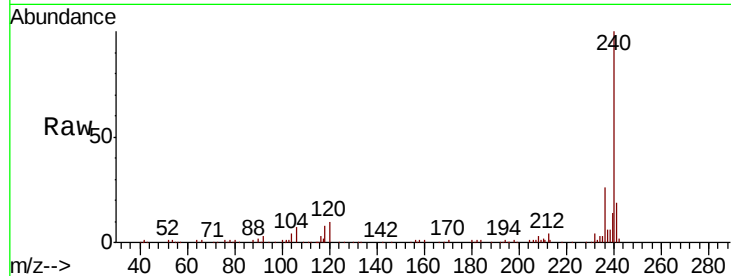
Tgt Ion:240 Resp: 219891

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

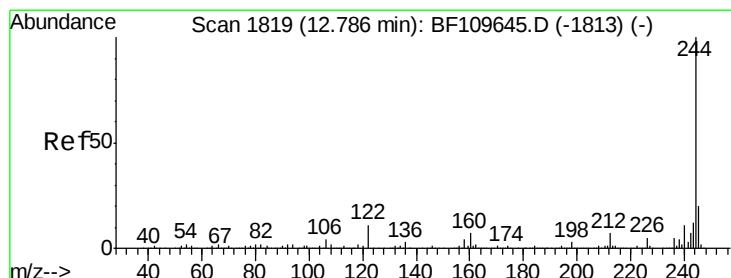
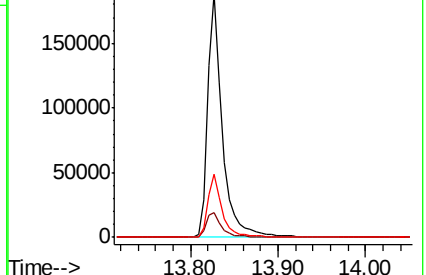
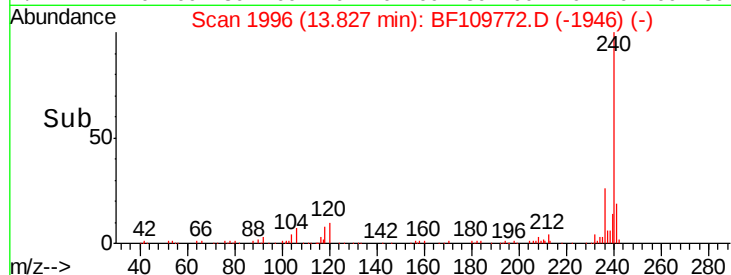
236 26.0 21.2 31.8



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: 58.143 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109772.D

Acq: 11 Oct 2018 5:46

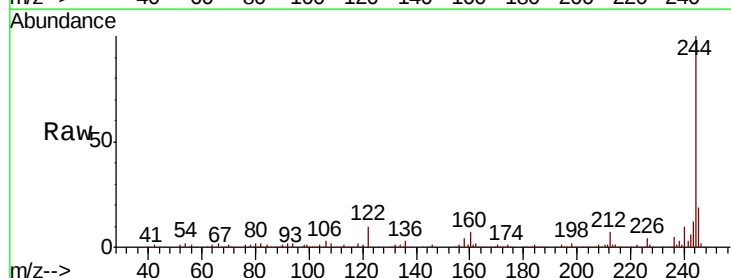
Tgt Ion:244 Resp: 660448

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

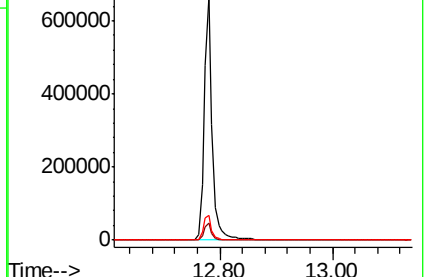
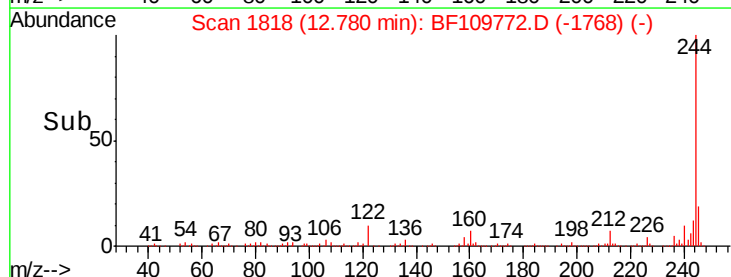
122 10.3 8.7 13.1

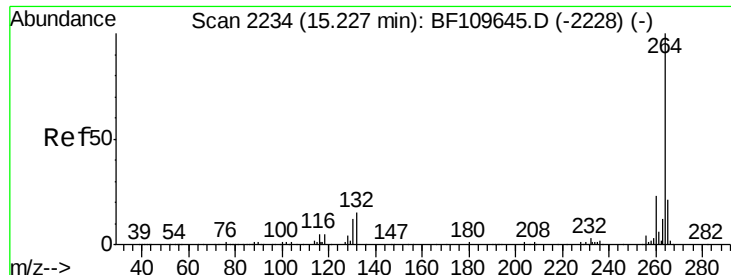


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109772.D
Acq: 11 Oct 2018 5:46

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.7	16.7	25.1

