

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107292.D
 Acq On : 11 Jul 2018 00:56
 Operator : JU/SJ
 Sample : J3907-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 11 02:18:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

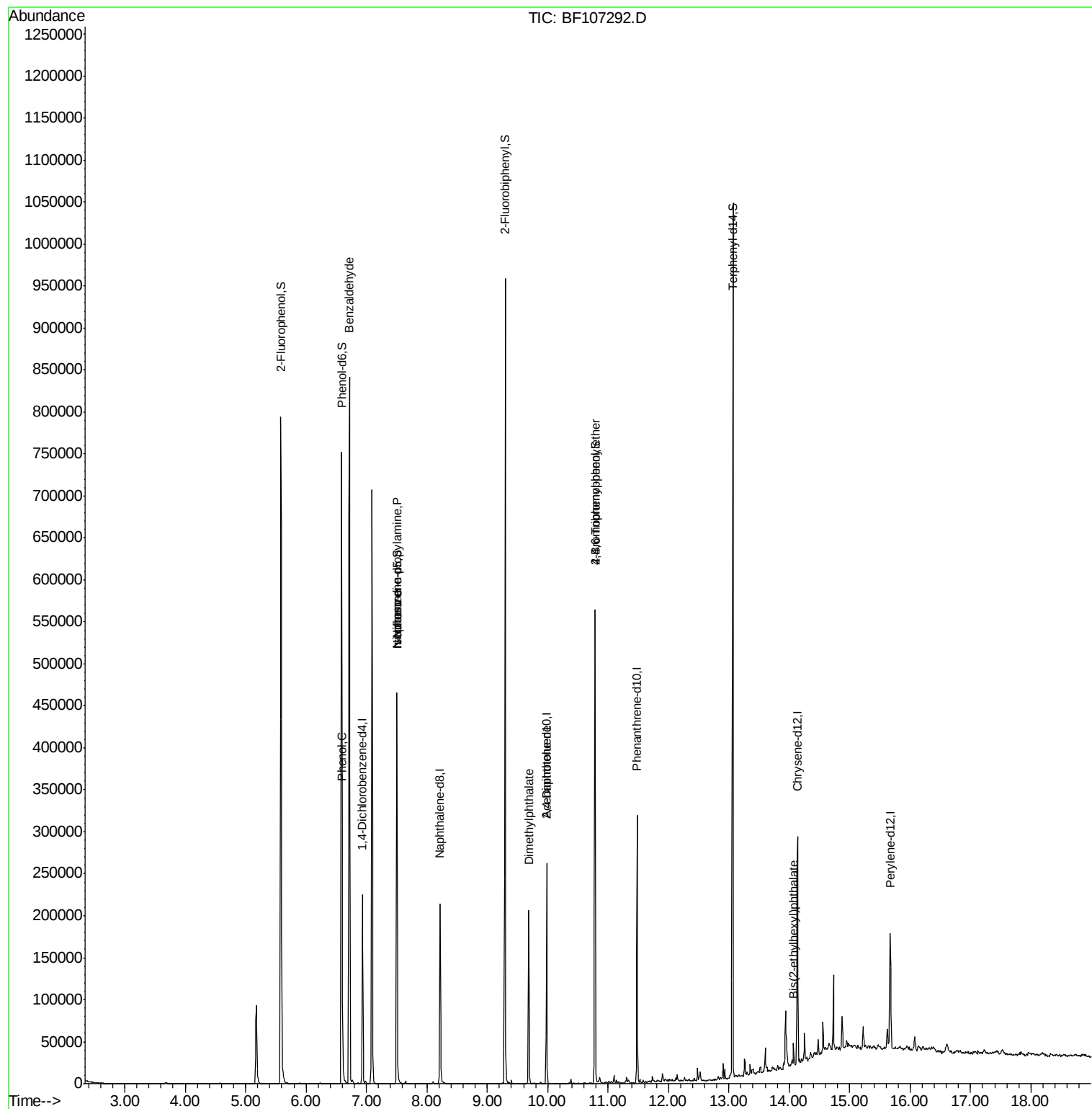
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	32776	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	116633	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	54857	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	115509	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	95102	20.00	ng	-0.03
86) Perylene-d12	15.67	264	71826	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	249981	129.15	ng	-0.02
7) Phenol-d6	6.59	99	294569	121.86	ng	-0.02
23) Nitrobenzene-d5	7.51	82	170712	81.34	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	86086	135.40	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	315420	99.91	ng	-0.03
78) Terphenyl-d14	13.07	244	406818	103.62	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	4823	2.370	ng	Qvalue 86
10) Phenol	6.60	94	7140	2.588	ng	91
19) n-Nitroso-di-n-propylamine	7.51	70	22033	13.828	ng	# 72
25) Isophorone	7.51	82	170710	46.160	ng	# 64
49) Dimethylphthalate	9.69	163	88372	21.479	ng	100
56) 2,4-Dinitrotoluene	9.98	165	7048	6.198	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	5128	3.720	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.07	149	7184	2.179	ng	97

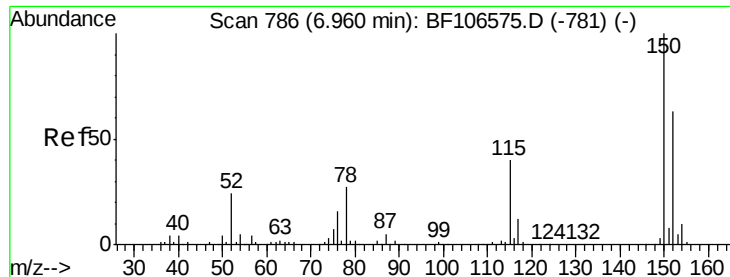
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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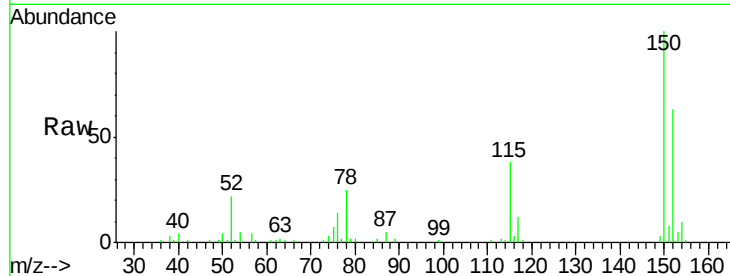


#1

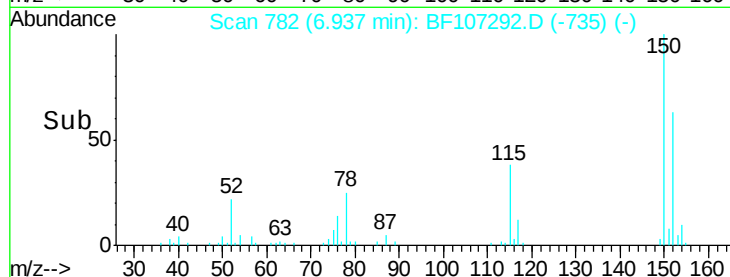
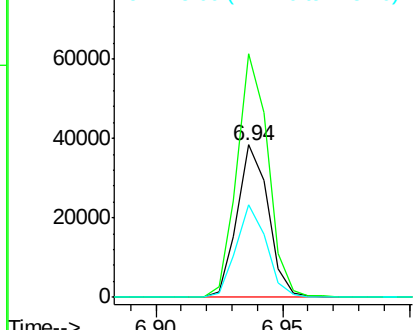
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 32776
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.9 50.1 75.1



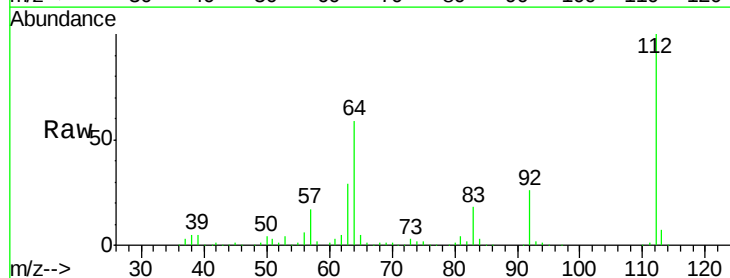
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



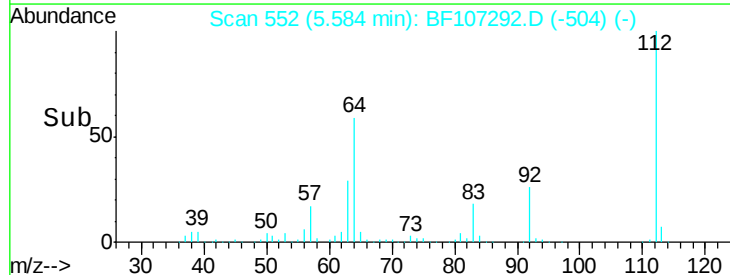
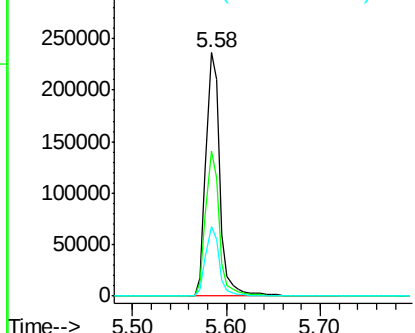
#5

2-Fluorophenol
Concen: 129.149 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Tgt Ion:112 Resp: 249981
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 28.7 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: 121.864 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

DFTPP

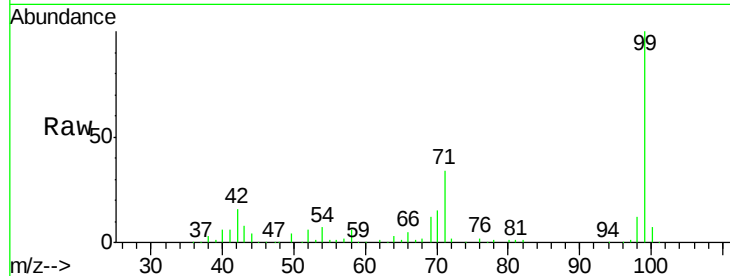
Tgt Ion: 99 Resp: 294569

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

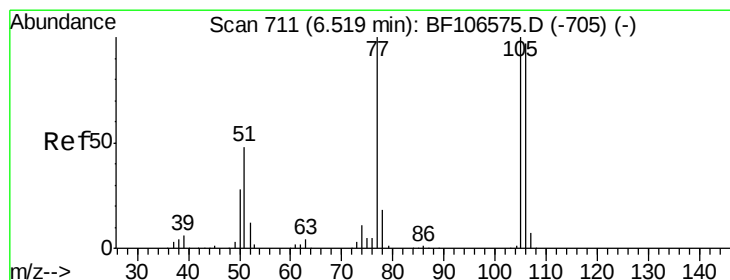
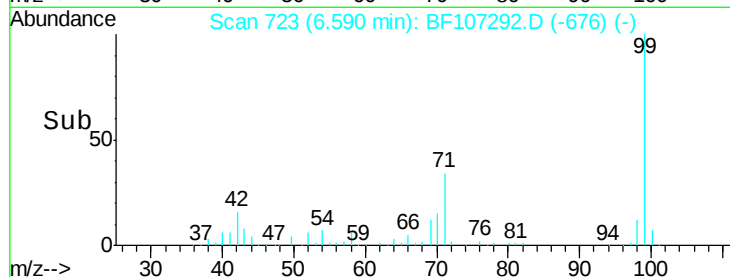
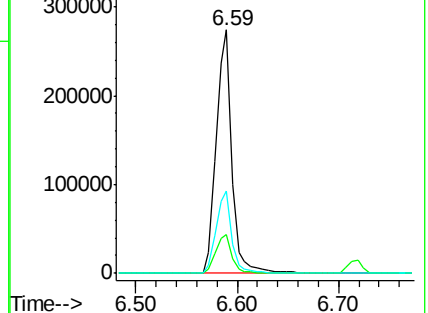
71 33.8 25.4 38.0



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: 2.370 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.20 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

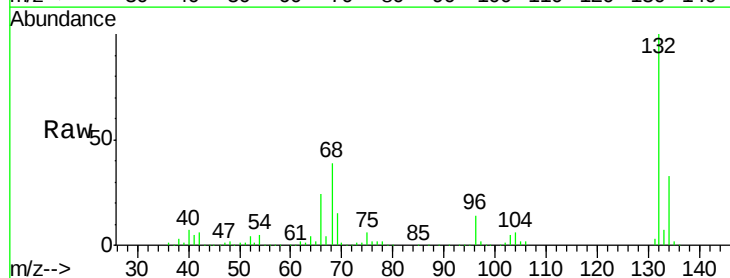
Tgt Ion: 77 Resp: 4823

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

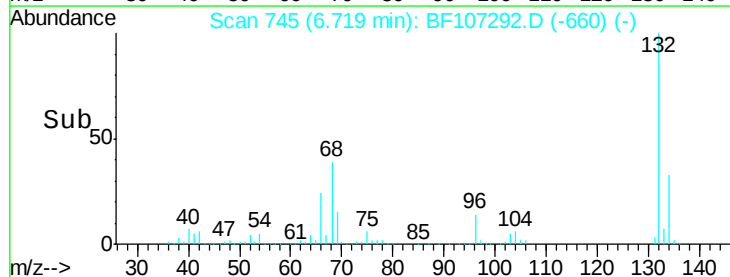
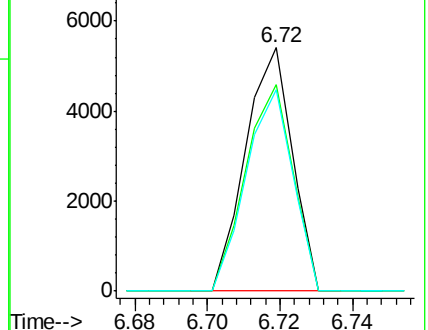
106 82.8 74.5 114.5

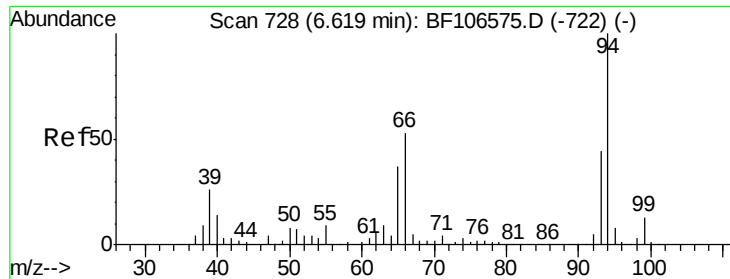


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.588 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

DFTPP

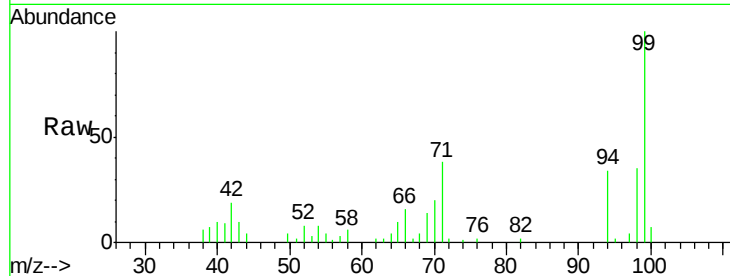
Tgt Ion: 94 Resp: 7140

Ion Ratio Lower Upper

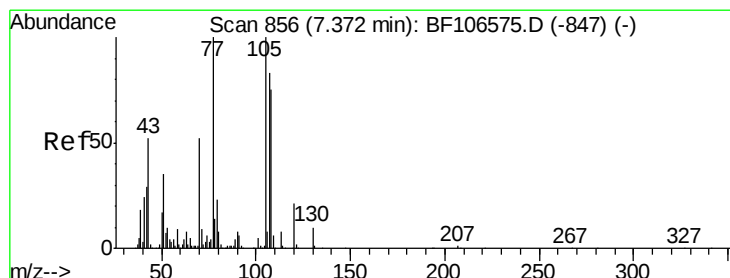
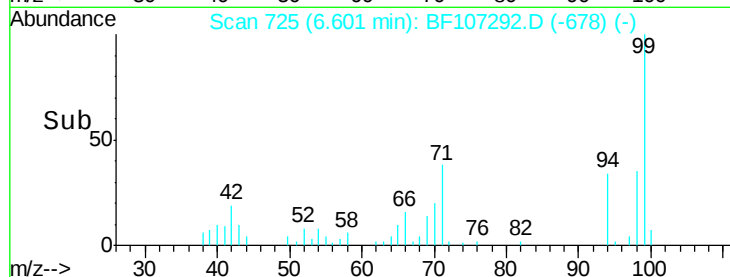
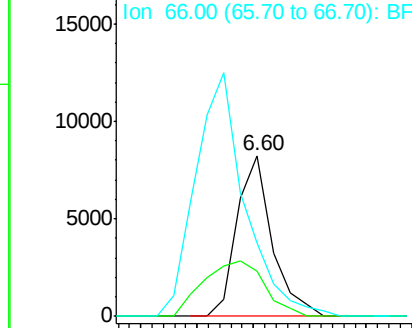
94 100

65 28.4 7.9 47.9

66 45.7 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: 13.828 ng

RT: 7.51 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

Tgt Ion: 70 Resp: 22033

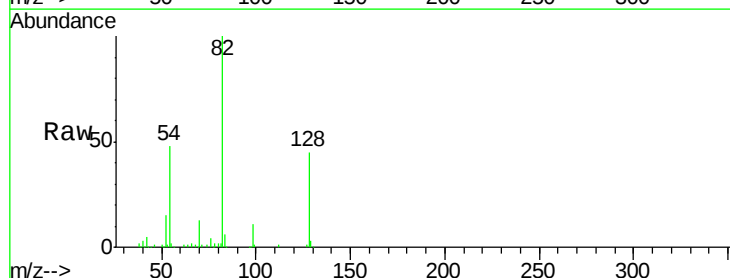
Ion Ratio Lower Upper

70 100

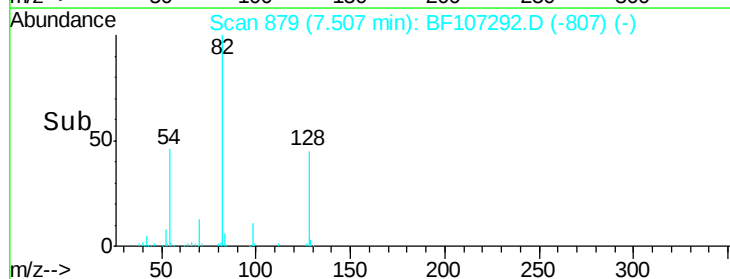
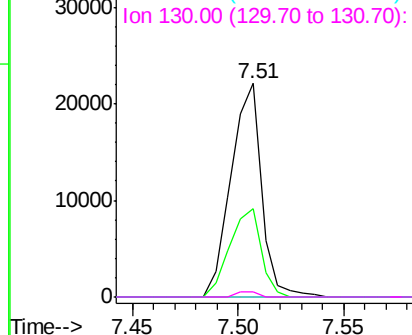
42 41.2 47.5 71.3#

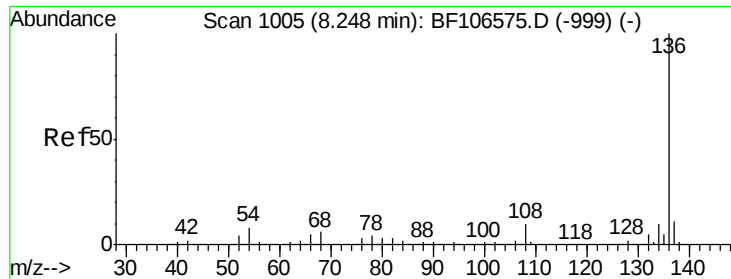
101 0.0 7.4 11.2#

130 2.3 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

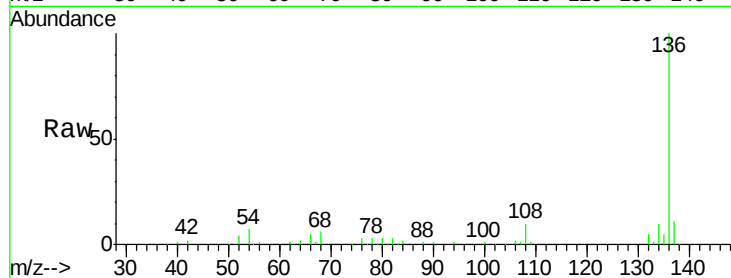




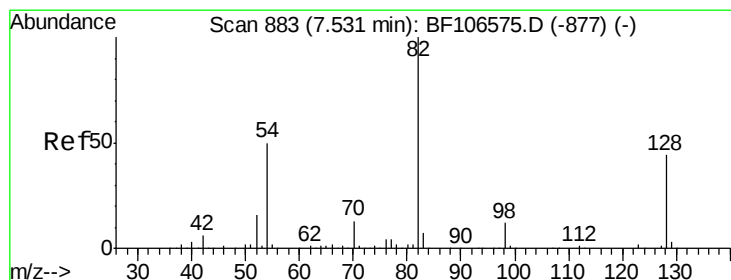
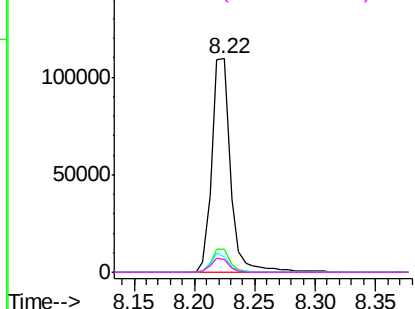
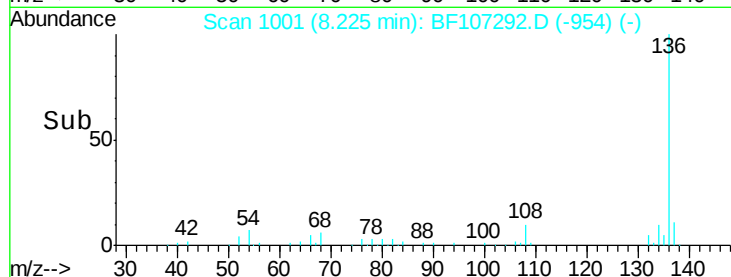
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 136 Resp: 116633
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.6 9.8
68 5.9 5.0 7.4

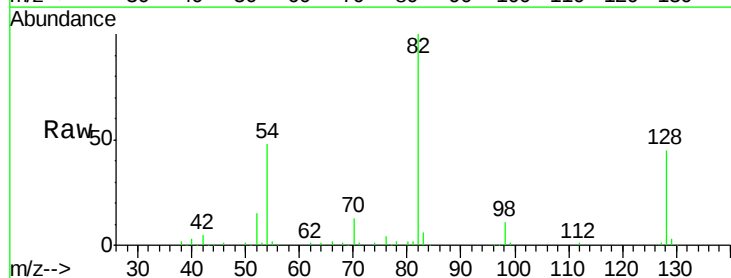


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

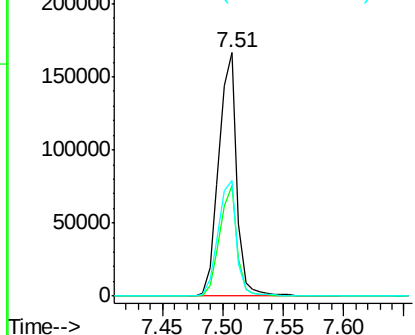
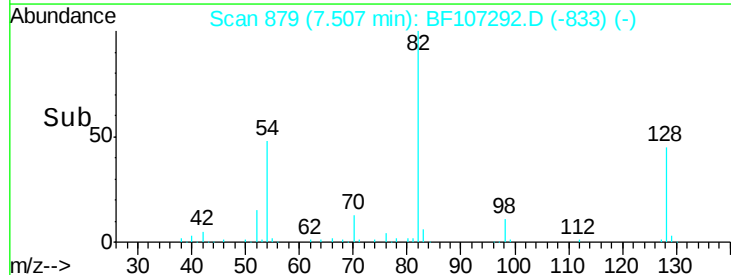


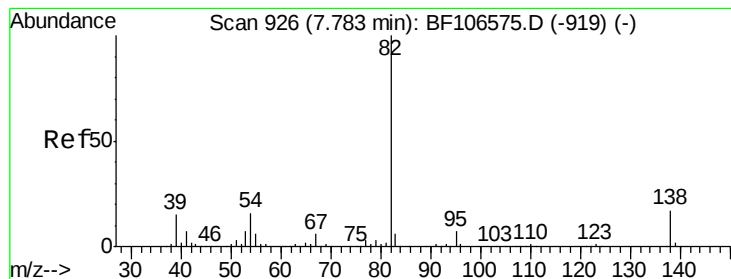
#23
Nitrobenzene-d5
Concen: 81.341 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Tgt Ion: 82 Resp: 170712
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 47.5 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: 46.160 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

DFTPP

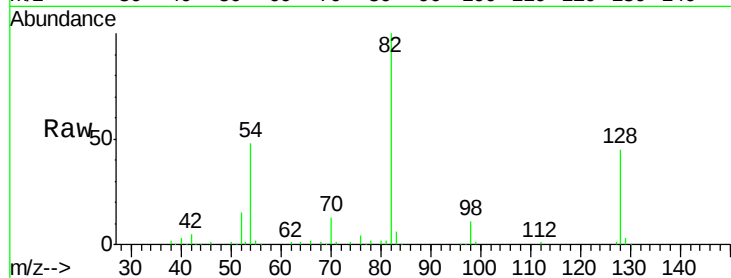
Tgt Ion: 82 Resp: 170710

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

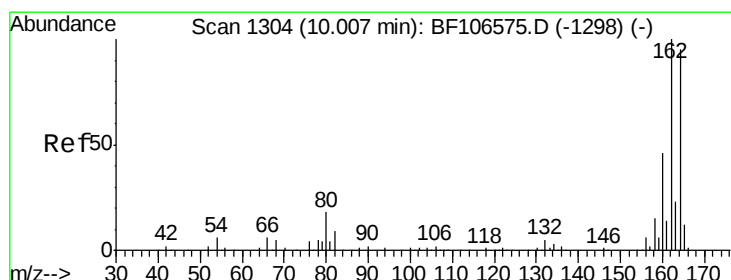
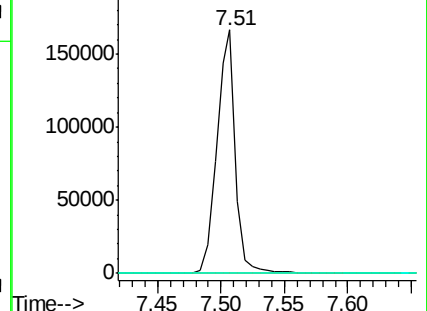
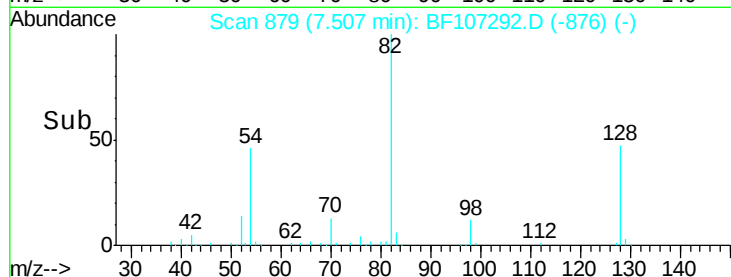
138 0.0 14.9 22.3#



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: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

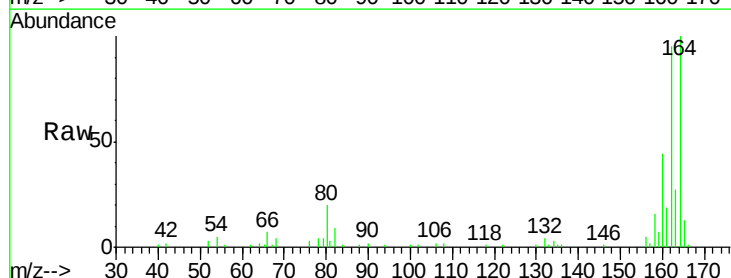
Tgt Ion: 164 Resp: 54857

Ion Ratio Lower Upper

164 100

162 95.0 86.1 129.1

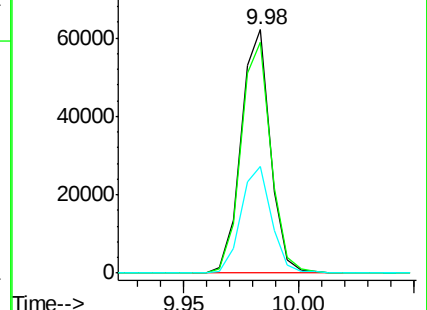
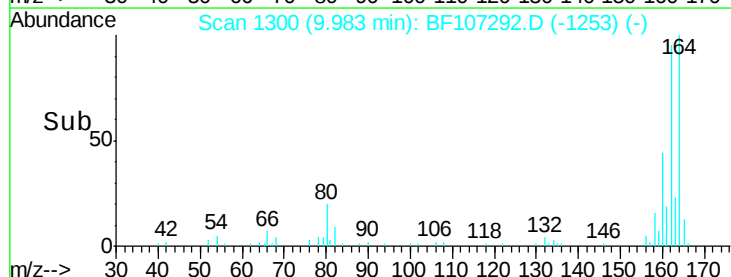
160 43.7 38.3 57.5



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

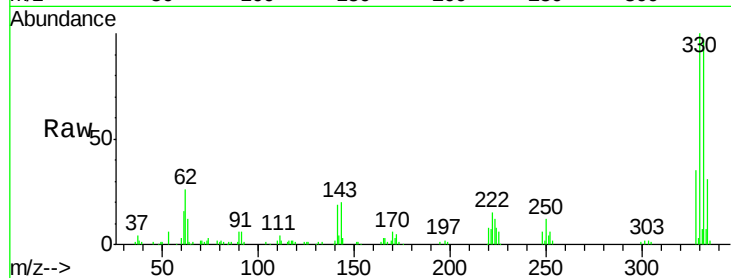




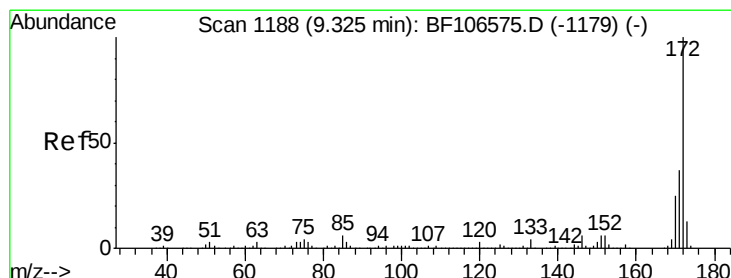
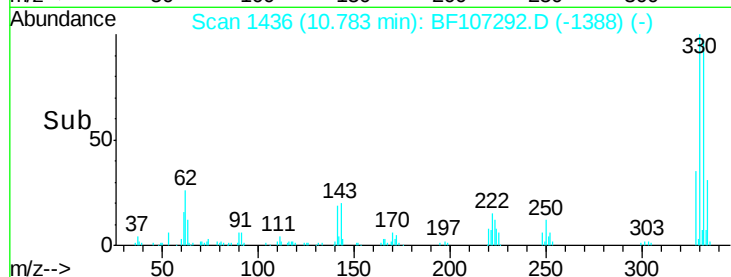
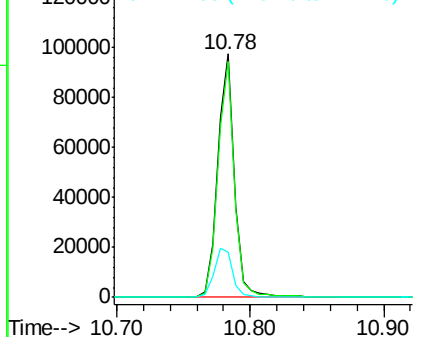
#41
 2,4,6-Tribromophenol
 Concen: 135.396 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107292.D
 Acq: 11 Jul 2018 00:56

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 86086
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 22.5 29.9 44.9#

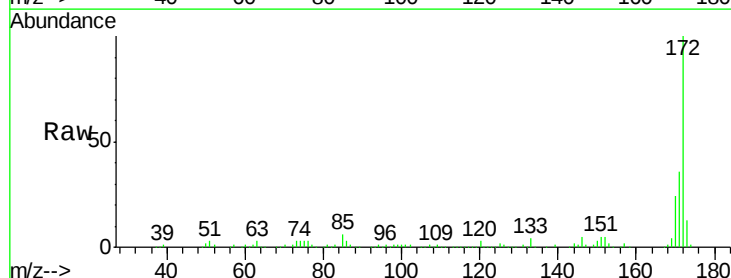


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

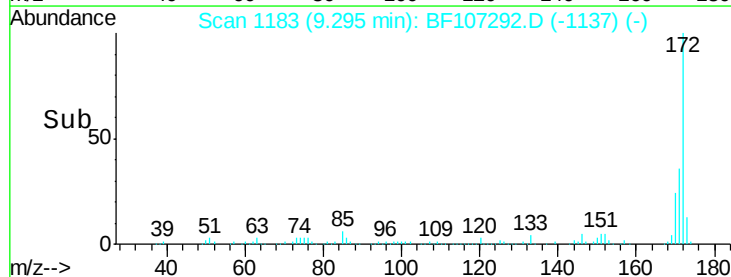
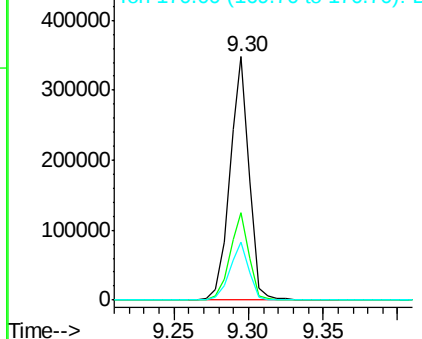


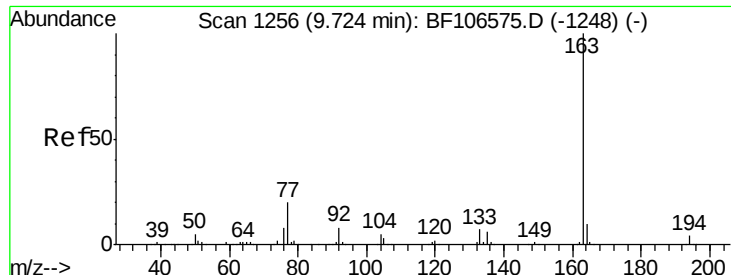
#44
 2-Fluorobiphenyl
 Concen: 99.911 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107292.D
 Acq: 11 Jul 2018 00:56

Tgt Ion:172 Resp: 315420
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 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

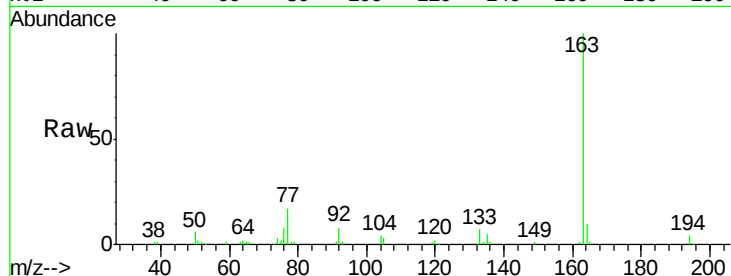




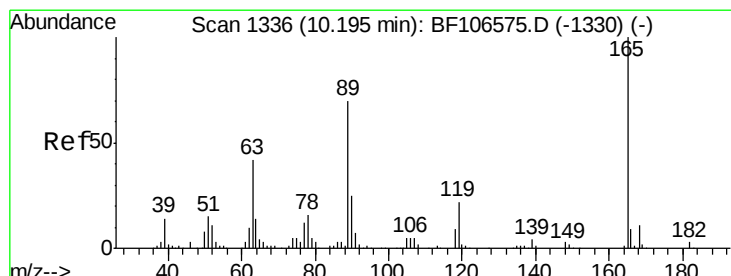
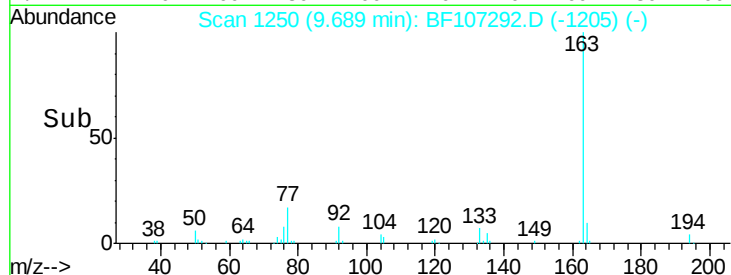
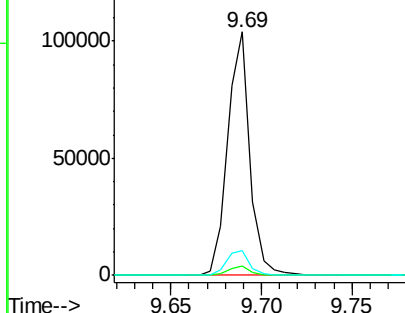
#49
Dimethylphthalate
Concen: 21.479 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:163 Resp: 88372
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

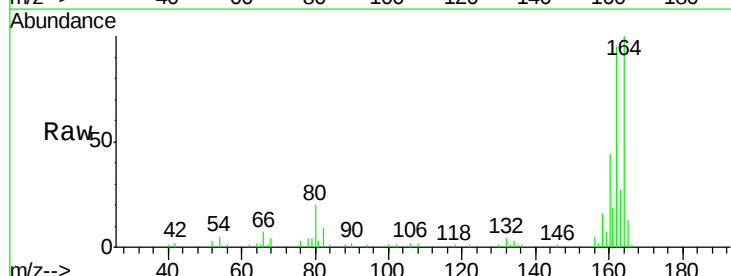


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

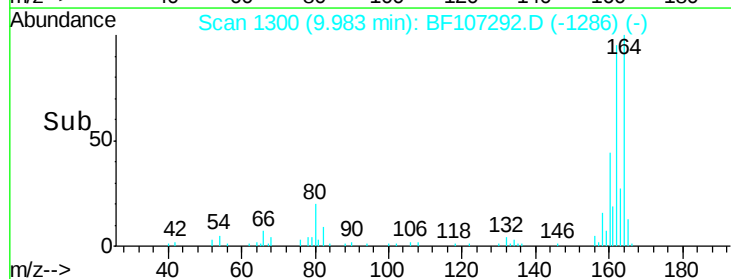
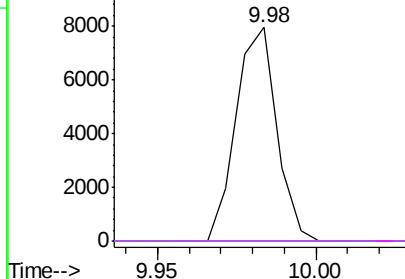


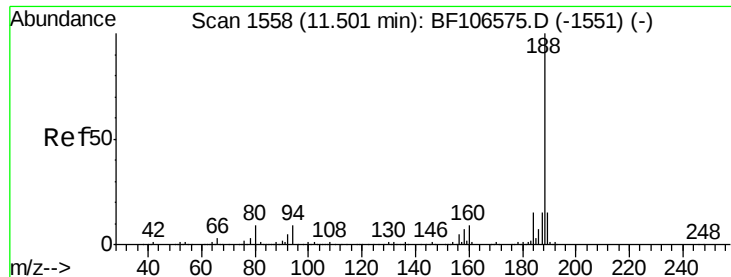
#56
2,4-Dinitrotoluene
Concen: 6.198 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Tgt Ion:165 Resp: 7048
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

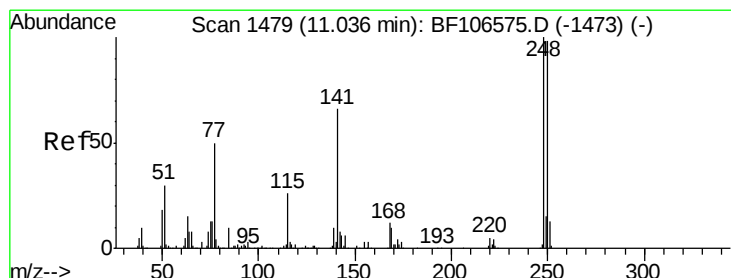
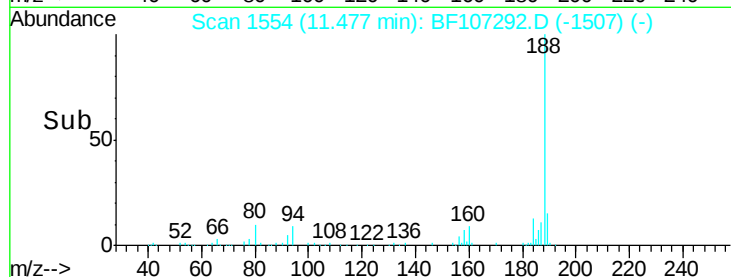
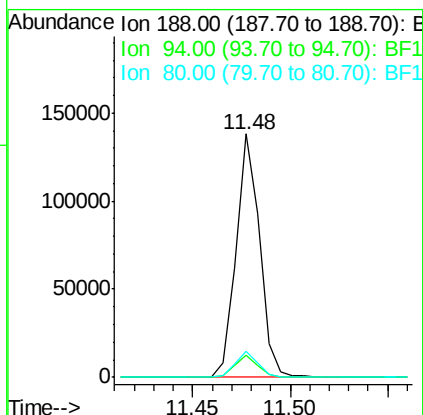
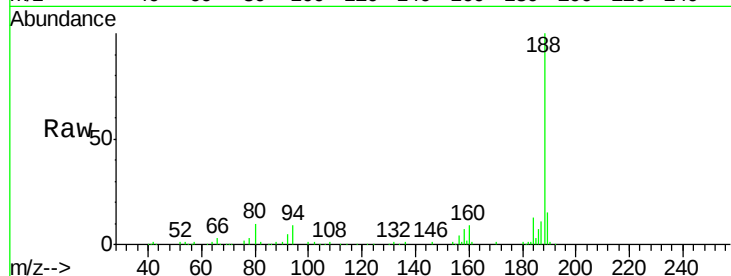




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

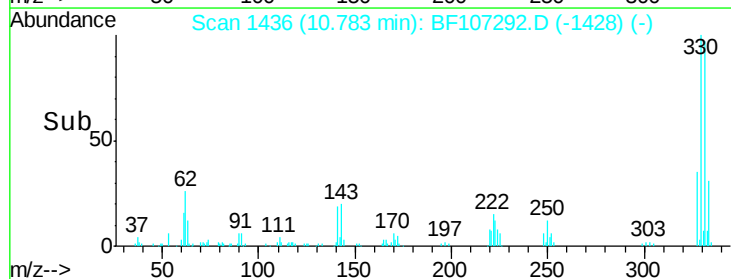
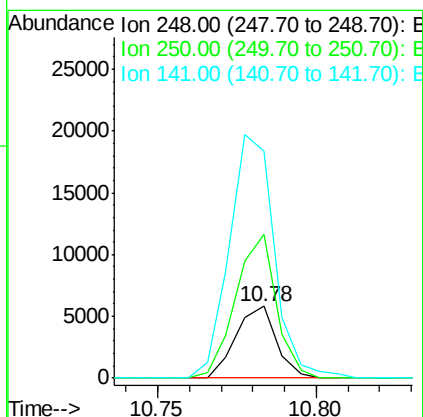
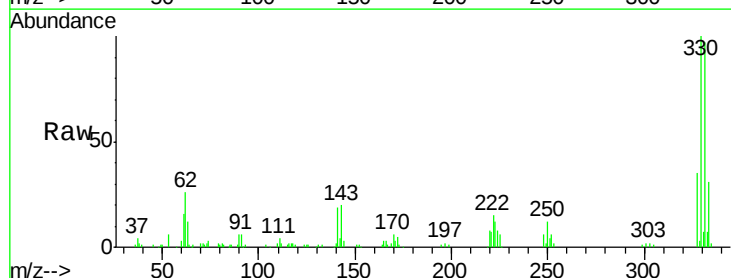
Instrument :
BNA_F
ClientSampleId :
DFTPP

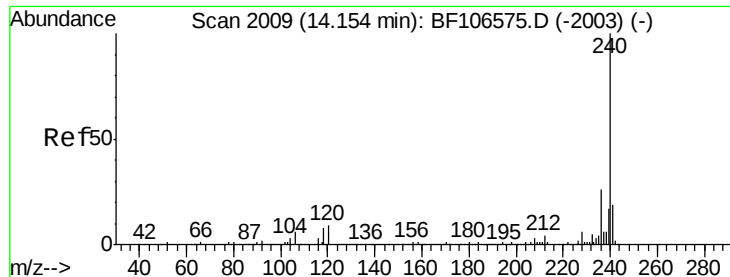
Tgt Ion:188 Resp: 115509
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.720 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107292.D
Acq: 11 Jul 2018 00:56

Tgt Ion:248 Resp: 5128
Ion Ratio Lower Upper
248 100
250 201.9 76.9 115.3#
141 316.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

Instrument :

BNA_F

ClientSampleId :

DFTPP

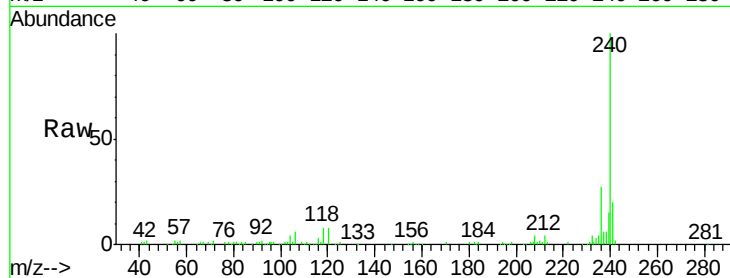
Tgt Ion:240 Resp: 95102

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

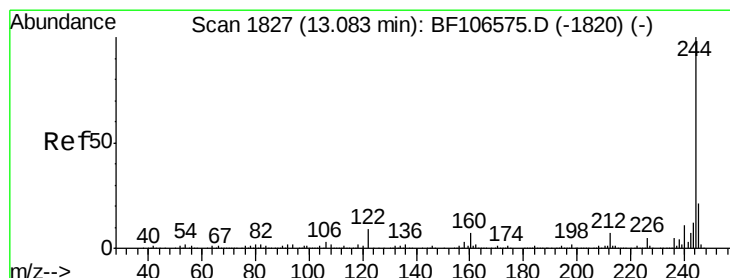
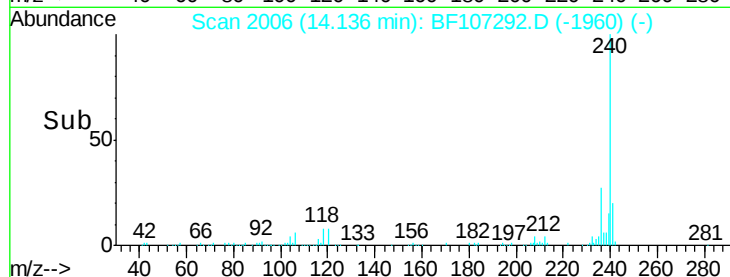
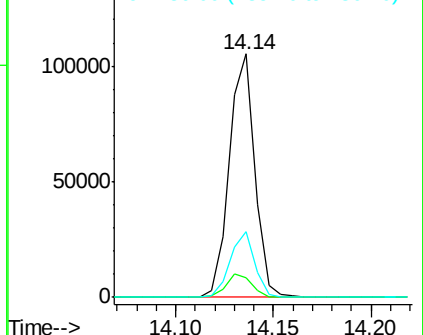
236 27.0 20.7 31.1



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: 103.619 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107292.D

Acq: 11 Jul 2018 00:56

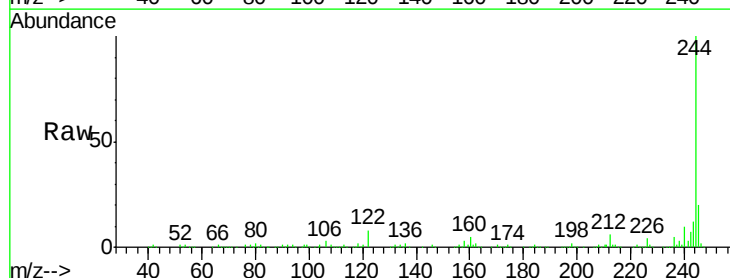
Tgt Ion:244 Resp: 406818

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

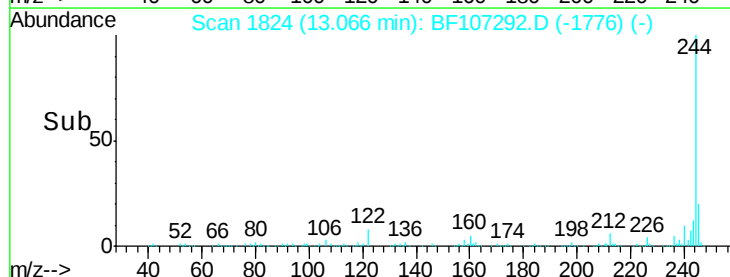
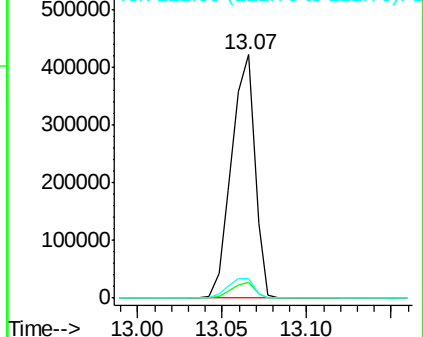
122 8.2 11.0 16.4#

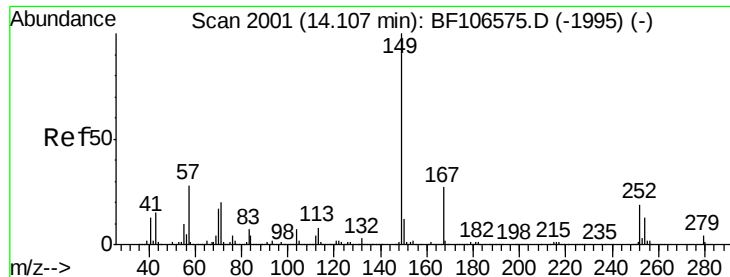


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

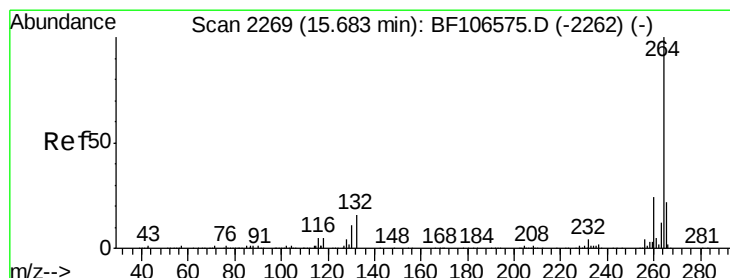
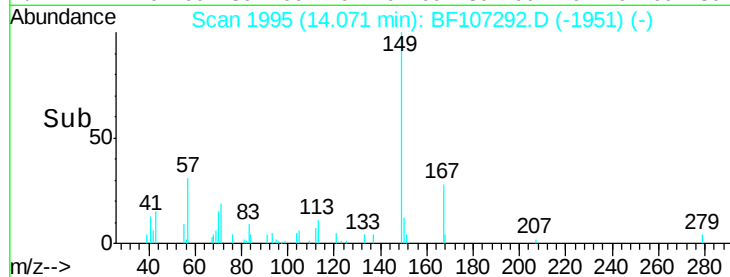
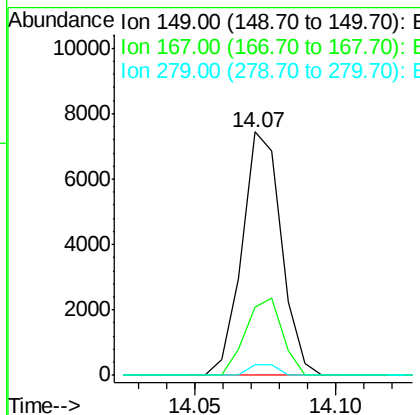
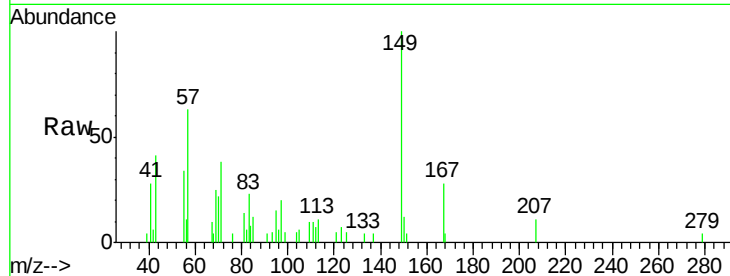




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.179 ng
 RT: 14.07 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF107292.D
 Acq: 11 Jul 2018 00:56

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:149 Resp: 7184
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 4.3 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107292.D
 Acq: 11 Jul 2018 00:56

Tgt Ion:264 Resp: 71826
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.9 17.5 26.3

