

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107062.D
 Acq On : 3 Jul 2018 00:43
 Operator : JU/SJ
 Sample : J3799-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 03:37:51 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

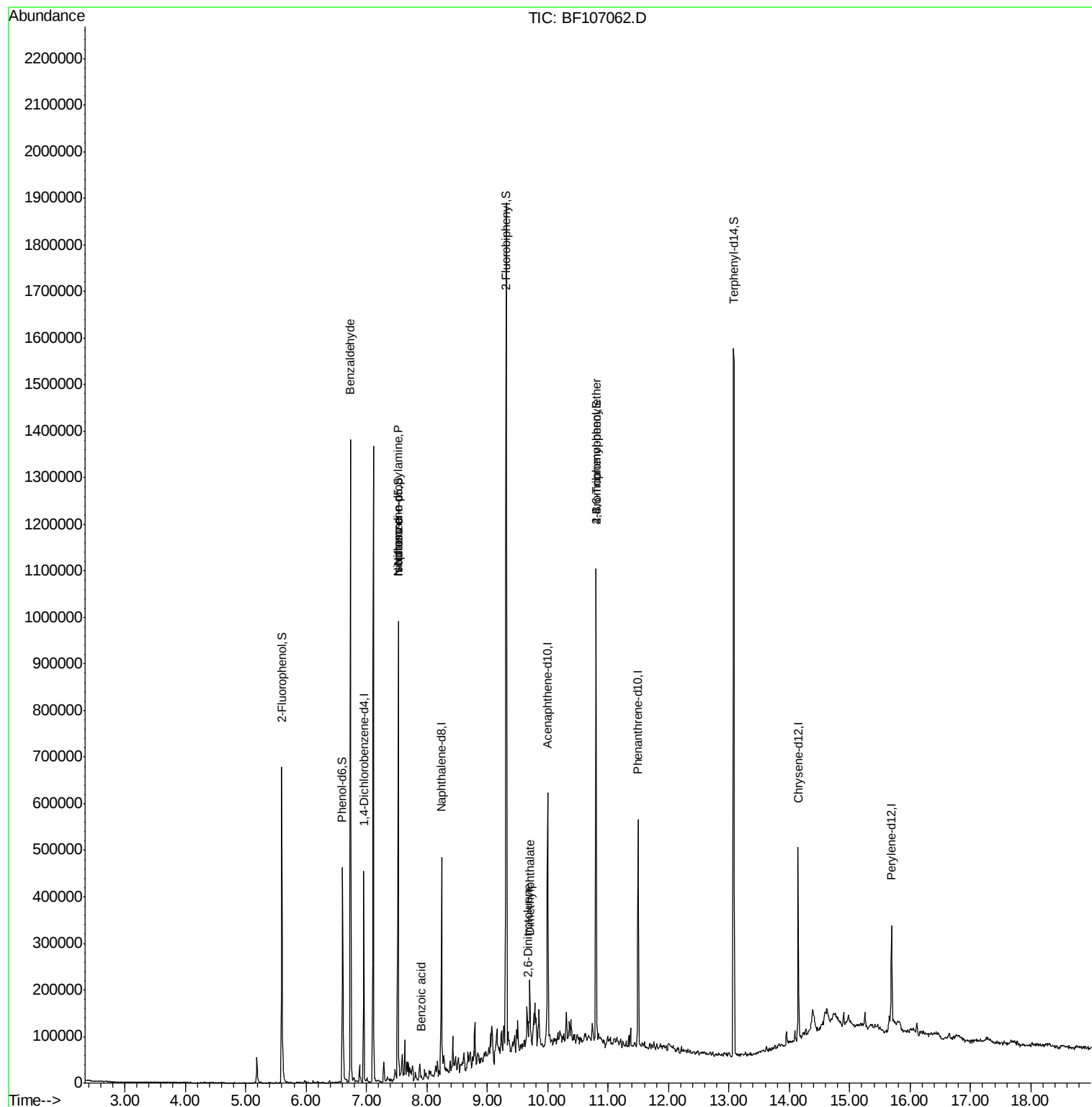
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62524	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	225408	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	103563	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	177584	20.00	ng	0.00
75) Chrysene-d12	14.15	240	154408	20.00	ng	-0.02
86) Perylene-d12	15.69	264	119170	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	218382	59.14	ng	0.00
7) Phenol-d6	6.60	99	169946	36.86	ng	-0.01
23) Nitrobenzene-d5	7.52	82	328432	80.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	154672	128.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	620915	104.94	ng	-0.01
78) Terphenyl-d14	13.08	244	635650	99.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8687	2.241	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	43425	14.287	ng	# 72
20) 3+4-Methylphenols	7.60	107	574	Below Cal	#	1
25) Isophorone	7.52	82	325591	45.554	ng	# 64
32) Benzoic acid	7.92	122	362	5.876	ng	# 50
49) Dimethylphthalate	9.71	163	52013	6.696	ng	# 98
50) 2,6-Dinitrotoluene	9.68	165	5737	3.488	ng	# 54
66) 4-Bromophenyl-phenylether	10.80	248	9044	4.267	ng	# 1

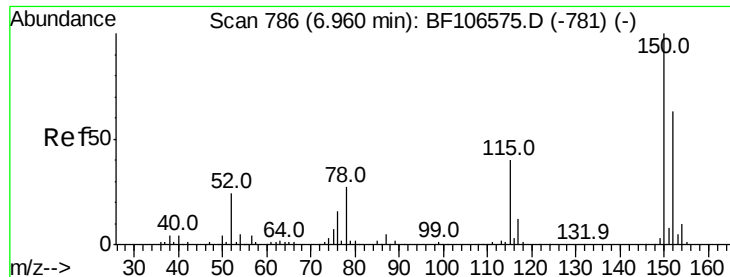
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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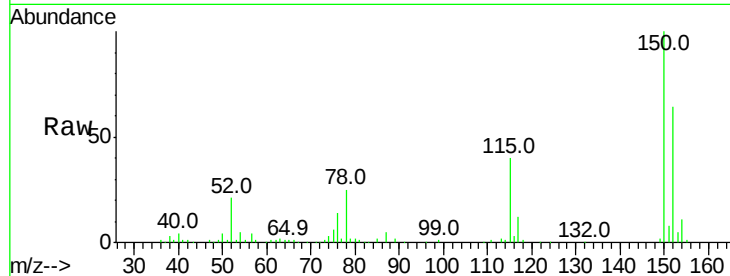


#1

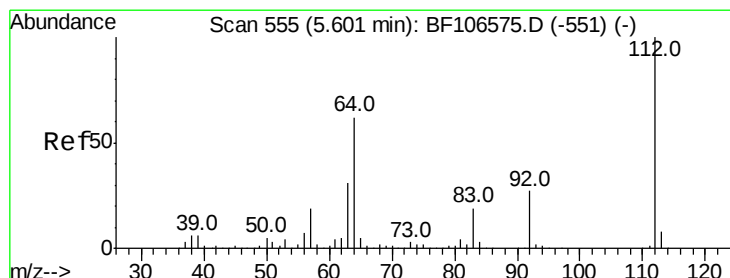
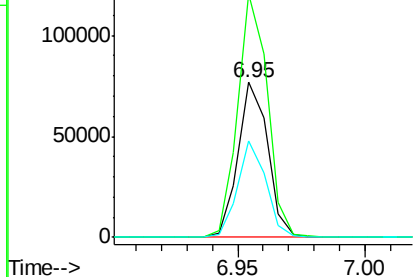
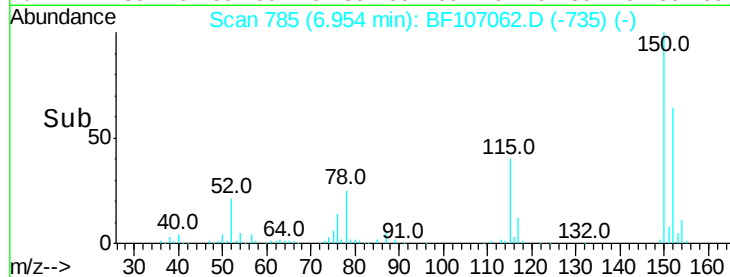
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62524
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 62.6 50.1 75.1



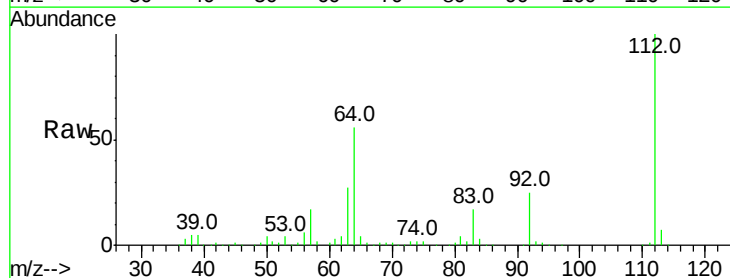
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



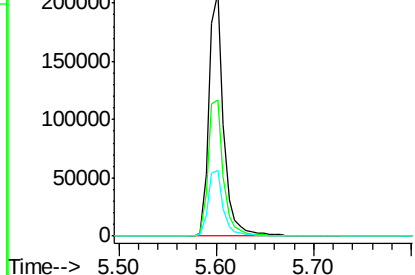
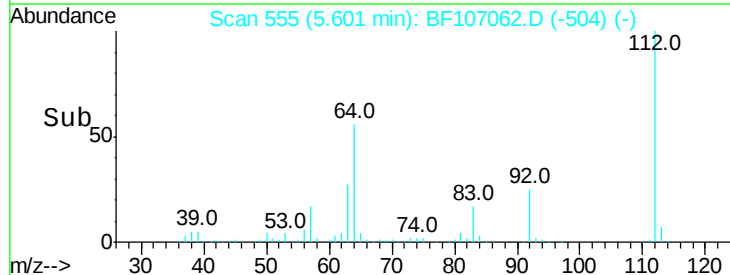
#5

2-Fluorophenol
Concen: 59.144 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Tgt Ion:112 Resp: 218382
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 27.2 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: 36.856 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107062.D

Acq: 3 Jul 2018 00:43

Instrument :

BNA_F

ClientSampleId :

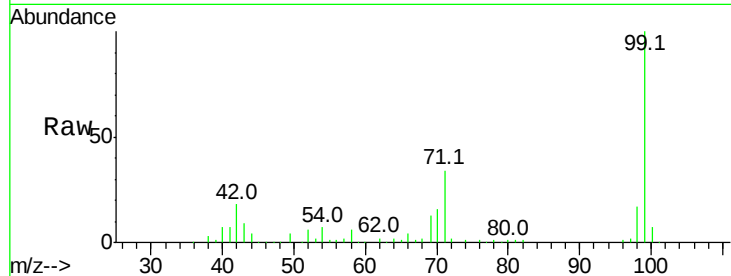
Tot Ion: 99 Resp: 169946

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

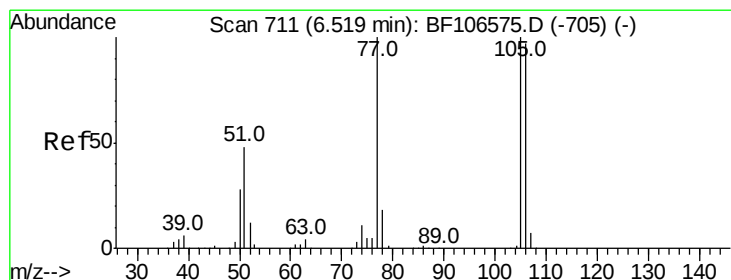
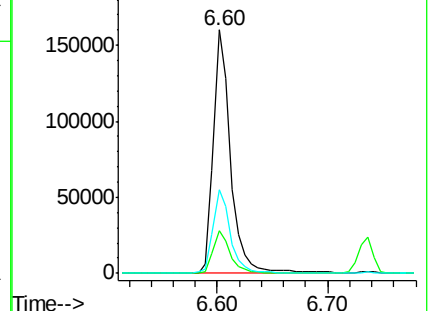
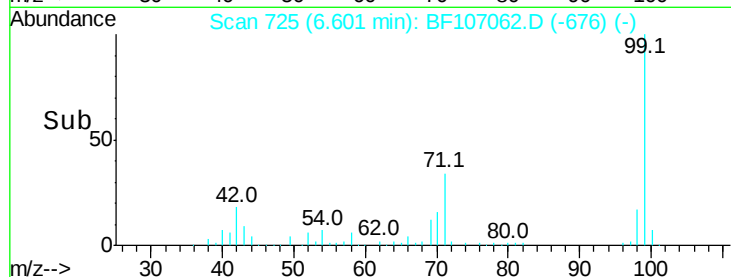
71 34.5 25.4 38.0



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: 2.241 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107062.D

Acq: 3 Jul 2018 00:43

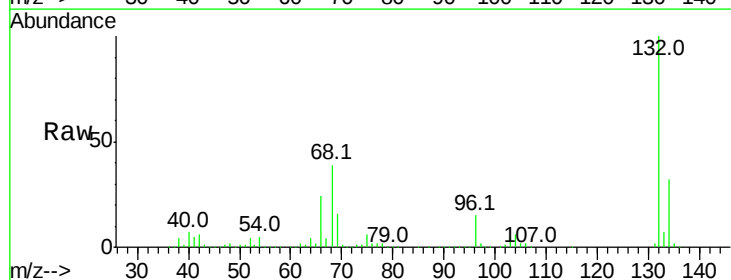
Tgt Ion: 77 Resp: 8687

Ion Ratio Lower Upper

77 100

105 85.9 81.1 121.1

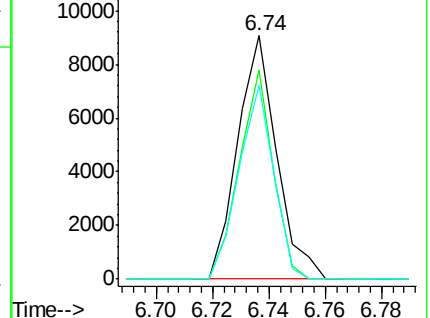
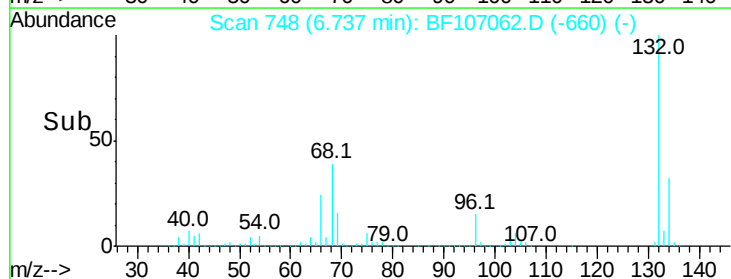
106 79.5 74.5 114.5

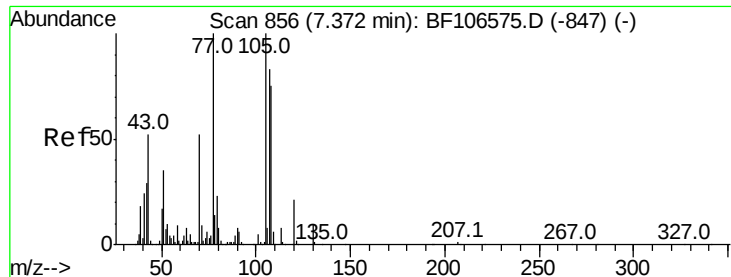


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

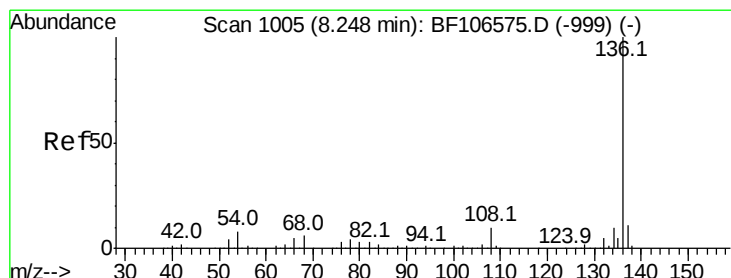
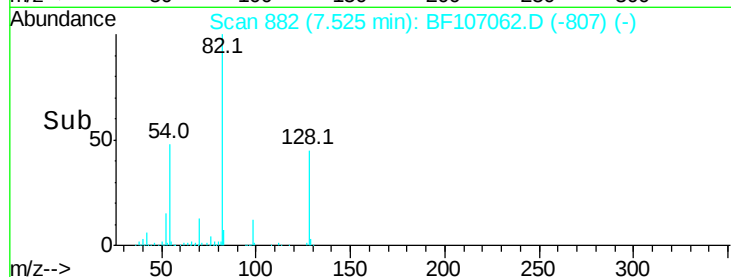
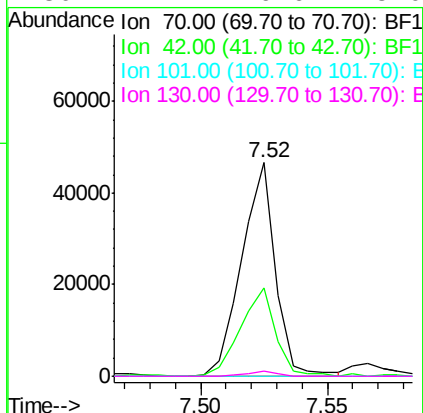
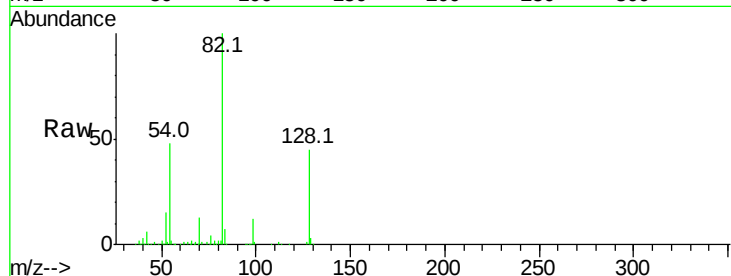




#19
n-Nitroso-di-n-propylamine
Concen: 14.287 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

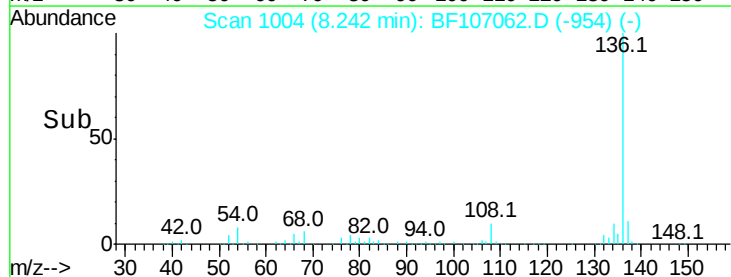
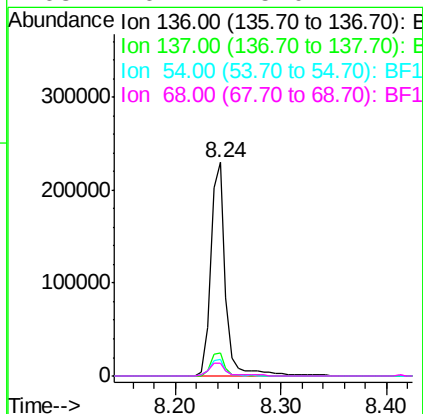
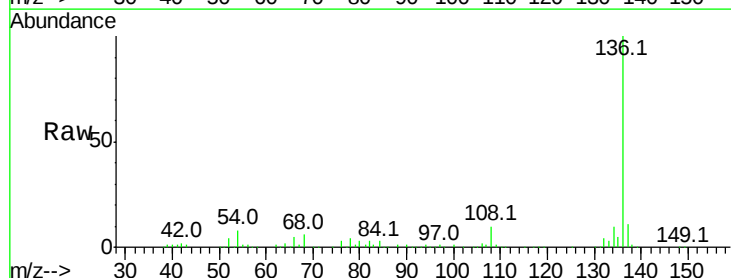
Instrument :
BNA_F
ClientSampleId :

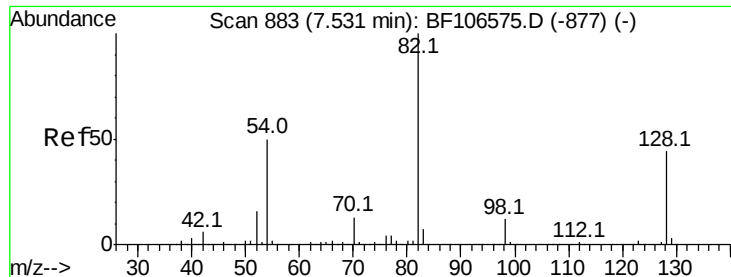
Tot Ion: 70 Resp: 43425
Ion Ratio Lower Upper
70 100
42 41.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Tgt Ion: 136 Resp: 225408
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.5 6.6 9.8
68 6.1 5.0 7.4

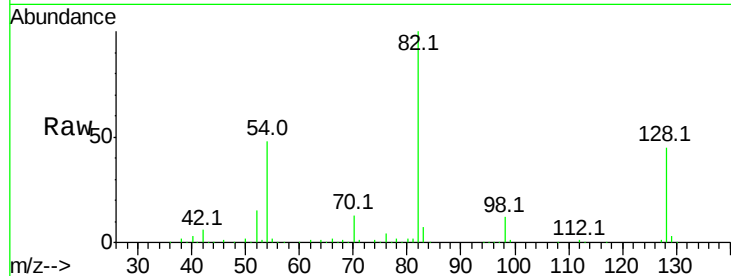




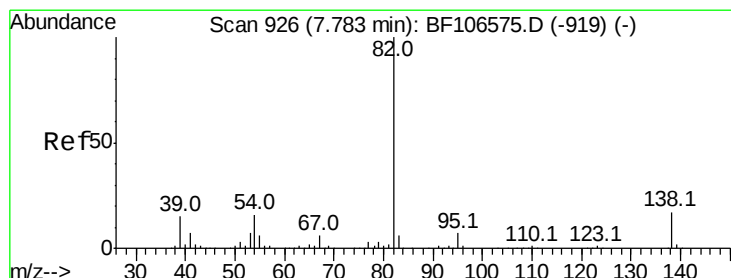
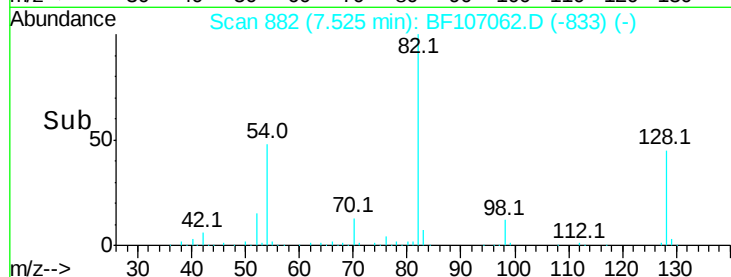
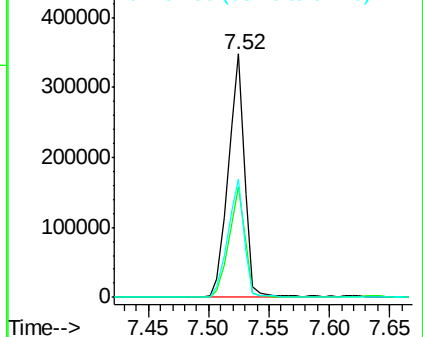
#23
Nitrobenzene-d5
Concen: 80.974 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 328432
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 48.4 41.4 62.2

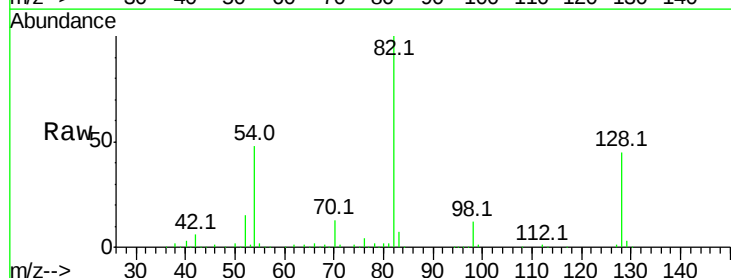


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

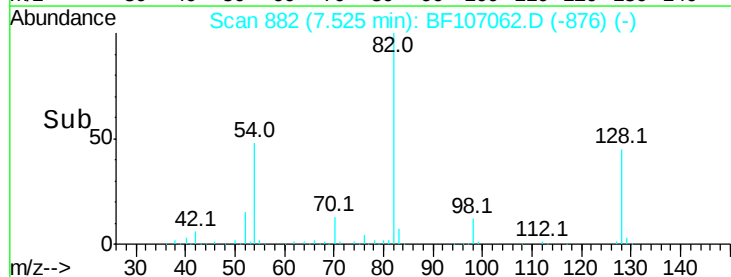
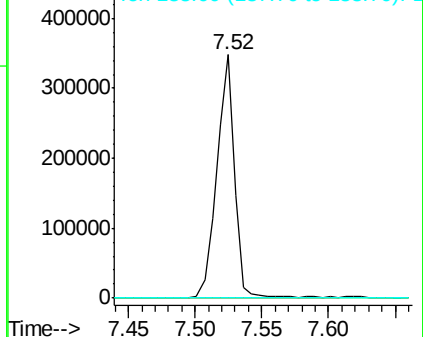


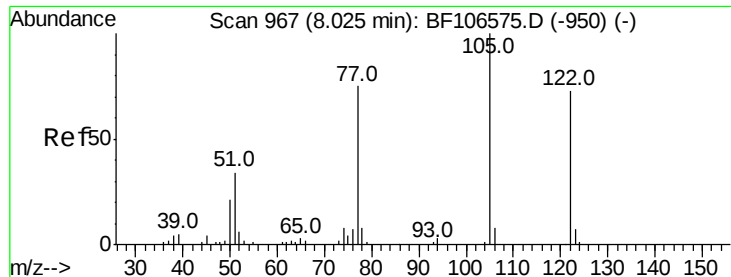
#25
Isophorone
Concen: 45.554 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Tgt Ion: 82 Resp: 325591
Ion Ratio Lower Upper
82 100
95 0.1 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

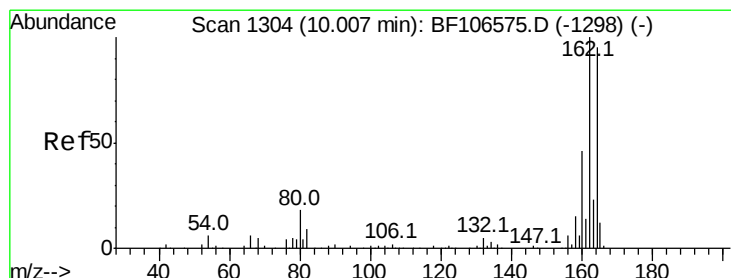
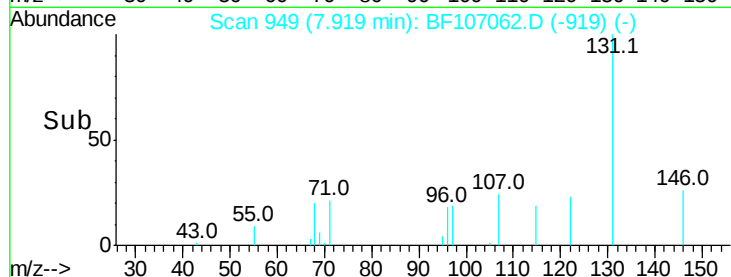
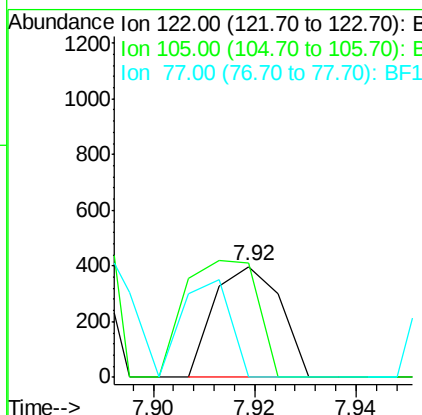
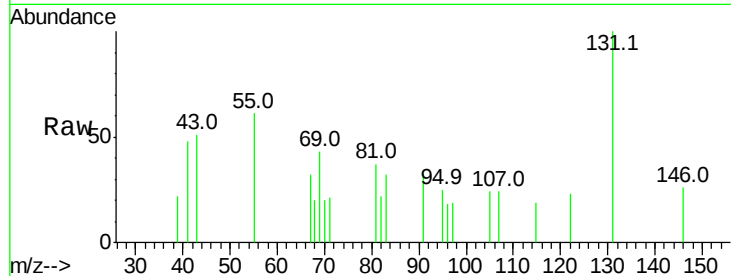




#32
Benzoic acid
Concen: 5.876 ng
RT: 7.92 min Scan# 949
Delta R.T. -0.12 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

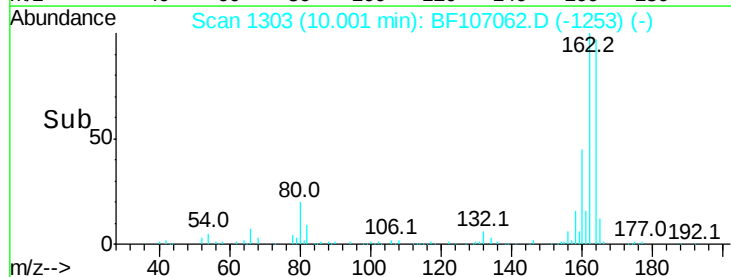
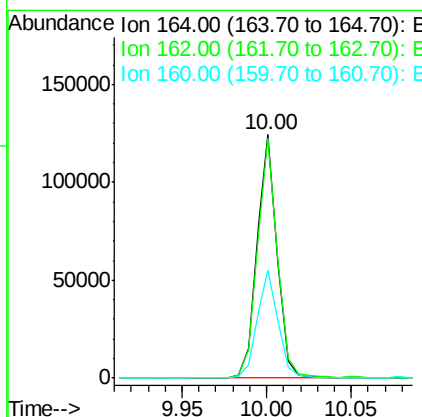
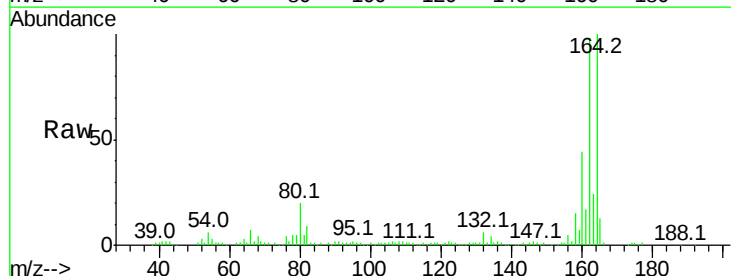
Instrument :
BNA_F
ClientSampled :

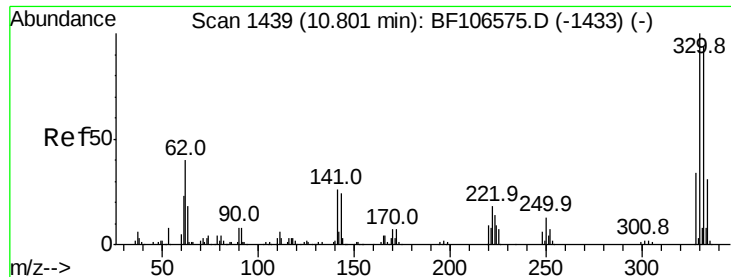
Tot Ion:122 Resp: 362
Ion Ratio Lower Upper
122 100
105 103.0 101.1 141.1
77 0.0 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Tgt Ion:164 Resp: 103563
Ion Ratio Lower Upper
164 100
162 98.4 86.1 129.1
160 44.4 38.3 57.5

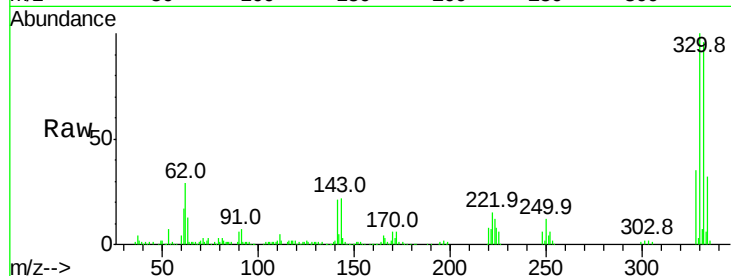




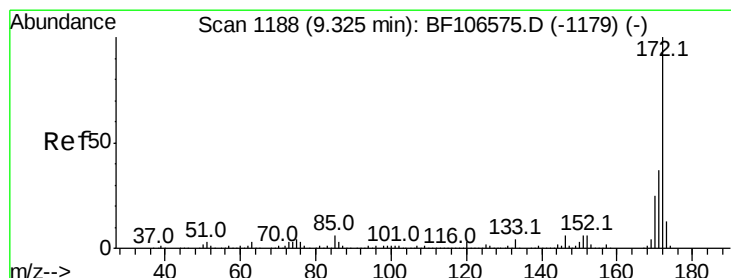
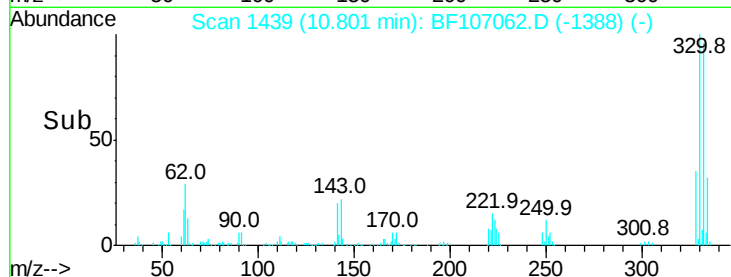
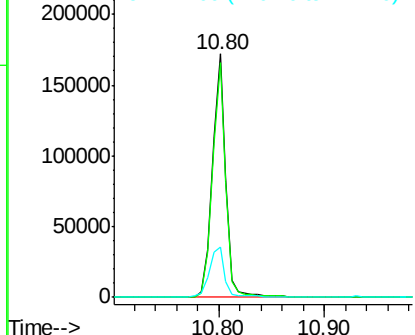
#41
 2,4,6-Tribromophenol
 Concen: 128.859 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107062.D
 Acq: 3 Jul 2018 00:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 154672
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 22.9 29.9 44.9#

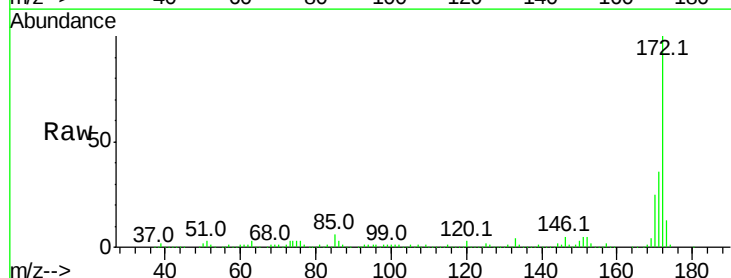


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

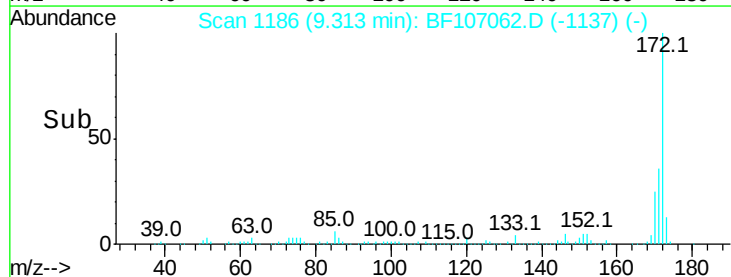
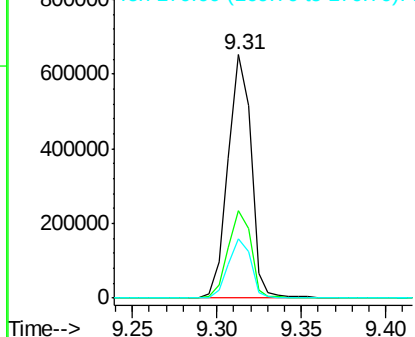


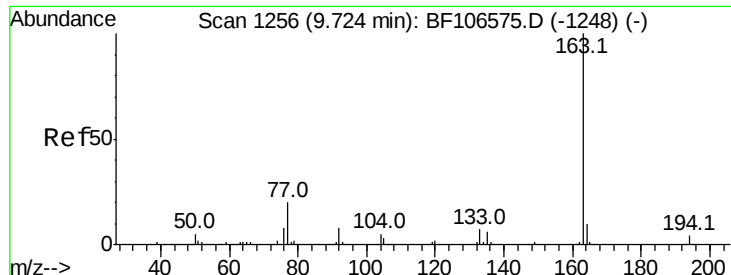
#44
 2-Fluorobiphenyl
 Concen: 104.943 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107062.D
 Acq: 3 Jul 2018 00:43

Tgt Ion:172 Resp: 620915
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.5 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

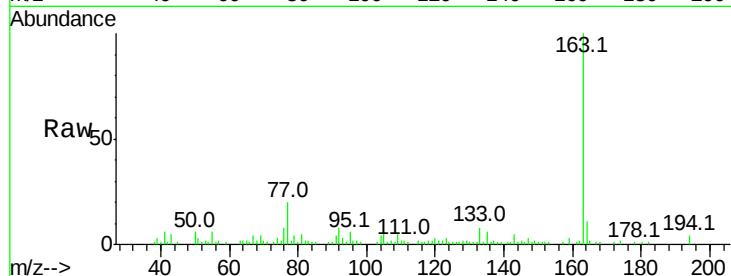




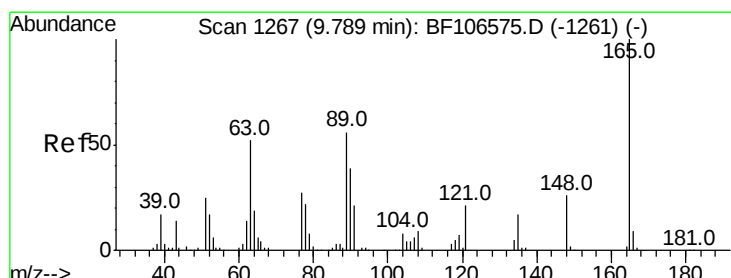
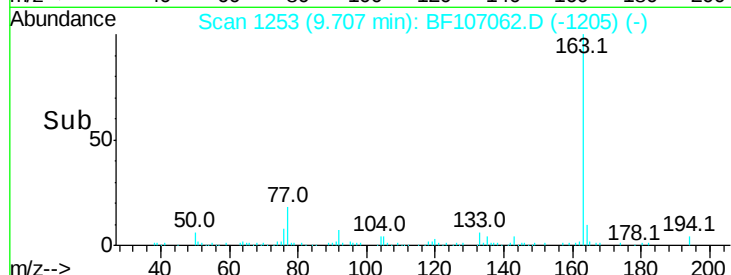
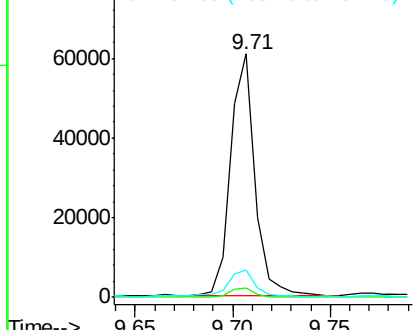
#49
Dimethylphthalate
Concen: 6.696 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 52013
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.1 8.2 12.2

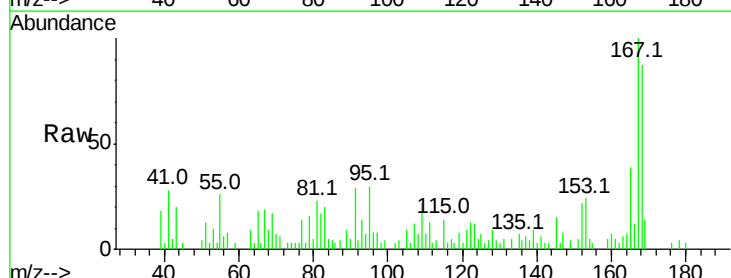


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

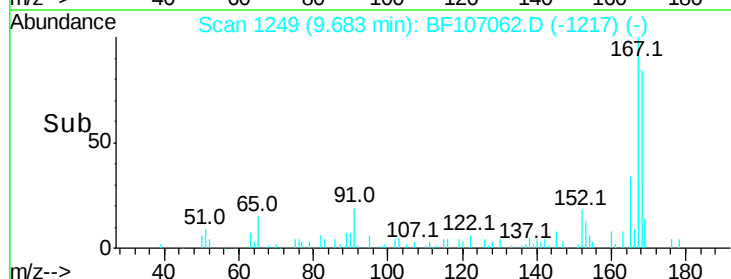
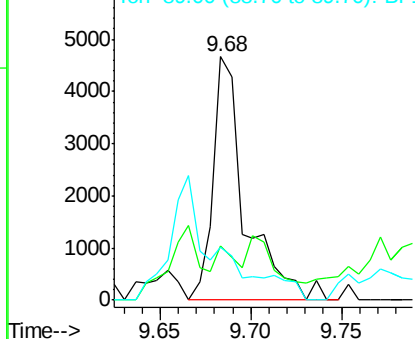


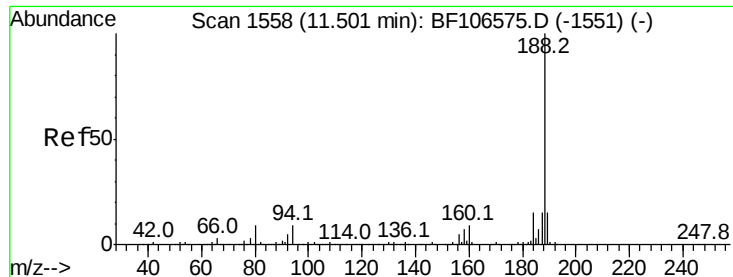
#50
2,6-Dinitrotoluene
Concen: 3.488 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.11 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Tgt Ion:165 Resp: 5737
Ion Ratio Lower Upper
165 100
63 22.3 44.7 67.1#
89 21.7 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

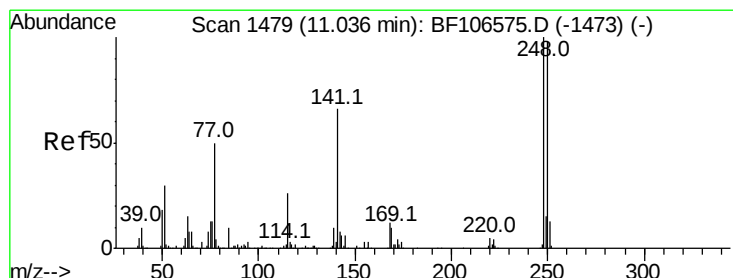
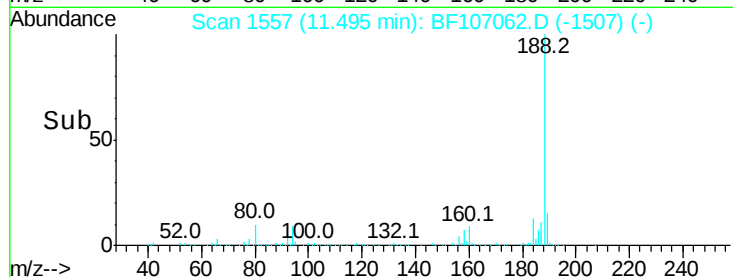
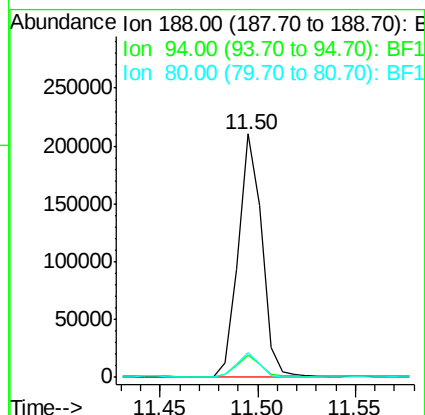
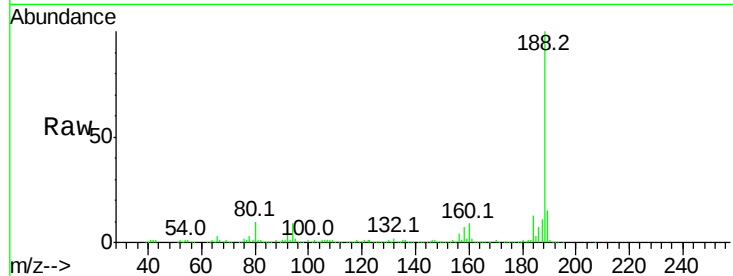




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

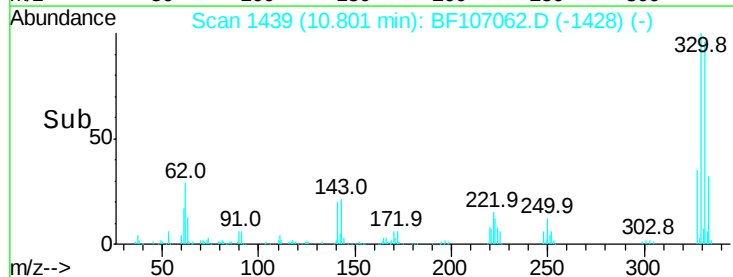
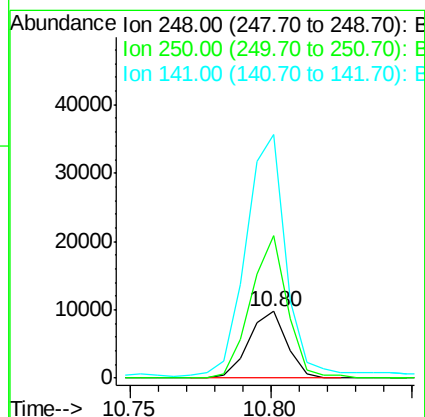
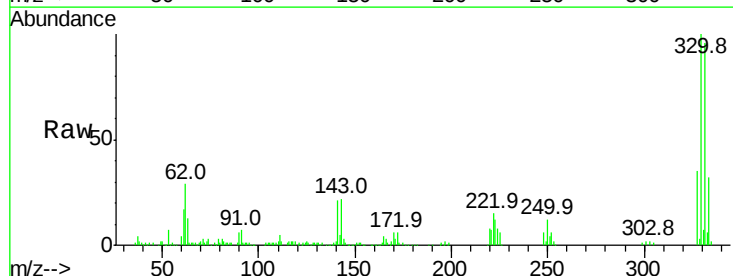
Instrument :
BNA_F
ClientSampled :

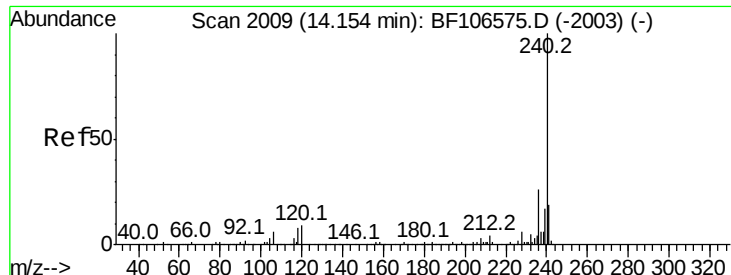
Tot Ion:188 Resp: 177584
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.267 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Tgt Ion:248 Resp: 9044
Ion Ratio Lower Upper
248 100
250 214.2 76.9 115.3#
141 365.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107062.D

Acq: 3 Jul 2018 00:43

Instrument :

BNA_F

ClientSampleId :

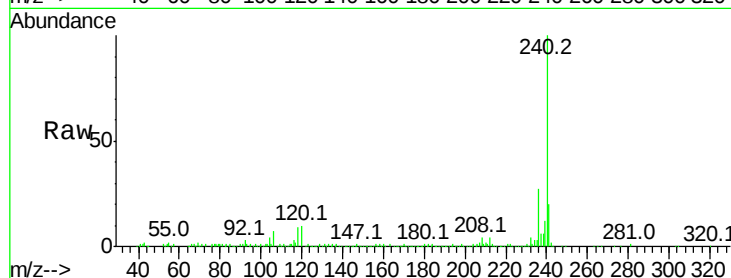
Tot Ion:240 Resp: 154408

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

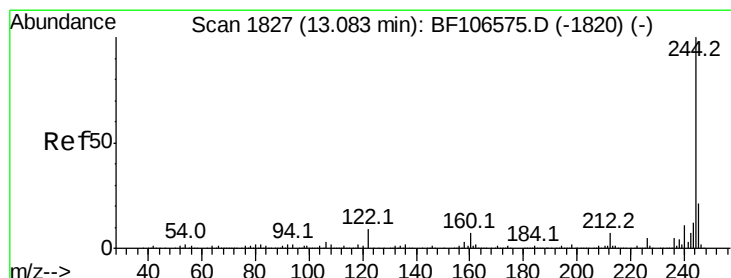
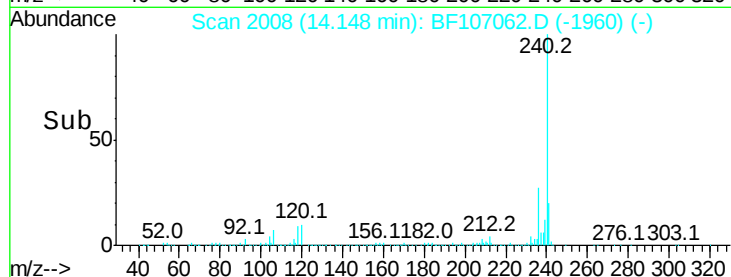
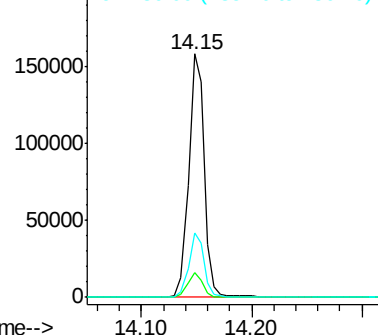
236 26.6 20.7 31.1



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: 99.719 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107062.D

Acq: 3 Jul 2018 00:43

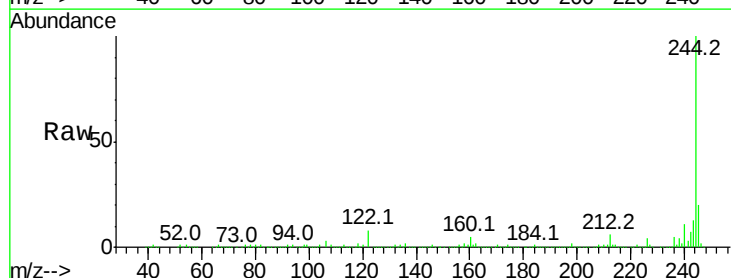
Tgt Ion:244 Resp: 635650

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

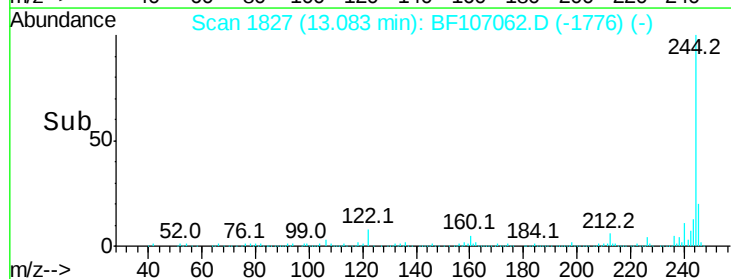
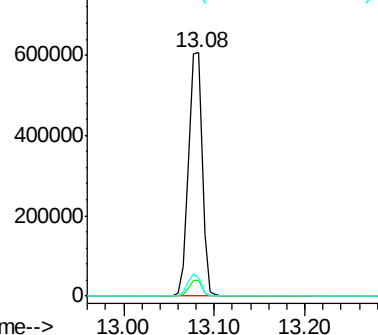
122 7.8 11.0 16.4#

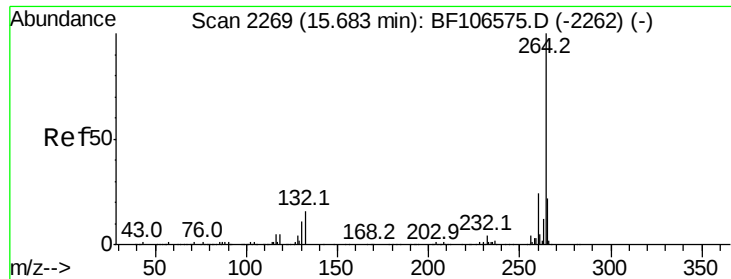


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

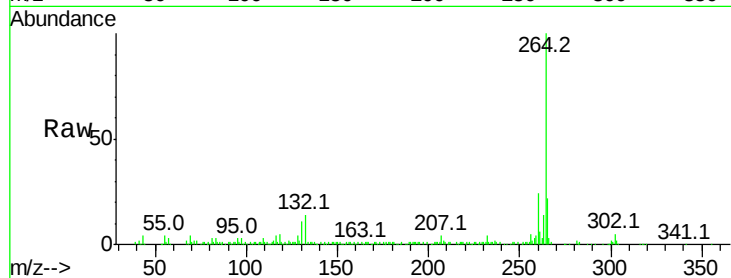




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107062.D
Acq: 3 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

