

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107111.D
 Acq On : 4 Jul 2018 5:18
 Operator : JU/SJ
 Sample : J3816-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 06:39:34 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

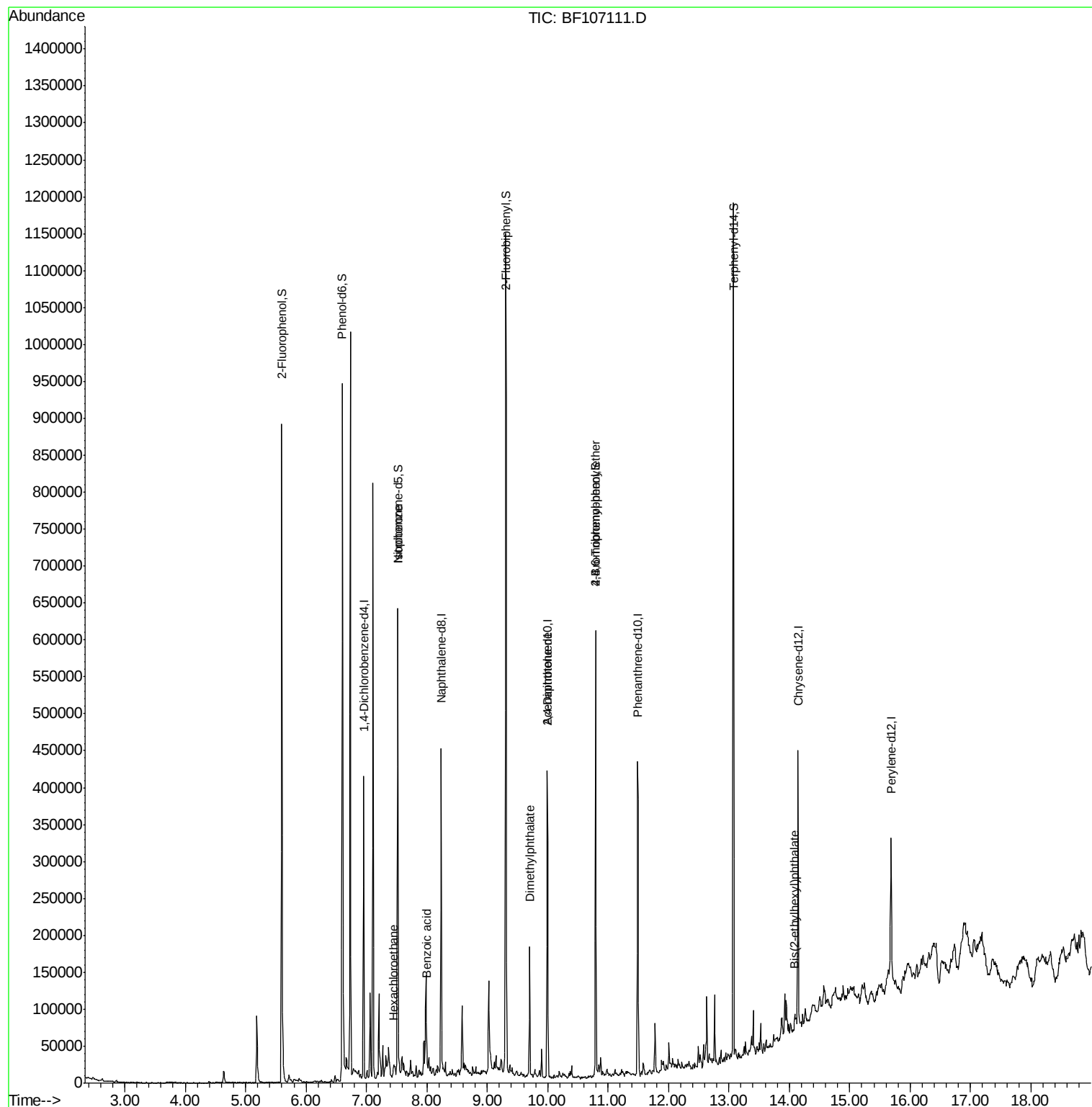
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54763	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193724	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	84075	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	164064	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	140649	20.00	ng	-0.02
86) Perylene-d12	15.68	264	101559	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	278719	86.18	ng	0.00
7) Phenol-d6	6.60	99	337834	83.65	ng	-0.01
23) Nitrobenzene-d5	7.52	82	194509	55.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	89179	91.52	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	358189	69.41	ng	-0.02
78) Terphenyl-d14	13.08	244	442300	76.17	ng	0.00
Target Compounds						
18) Hexachloroethane	7.45	117	2975	2.014	ng	# 2
20) 3+4-Methylphenols	7.60	107	586	Below Cal		# 1
25) Isophorone	7.52	82	194507	31.665	ng	# 64
32) Benzoic acid	8.00	122	983	6.189	ng	85
49) Dimethylphthalate	9.70	163	61944	9.823	ng	97
56) 2,4-Dinitrotoluene	10.00	165	10749	6.167	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5443	2.780	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	10951	2.246	ng	# 86

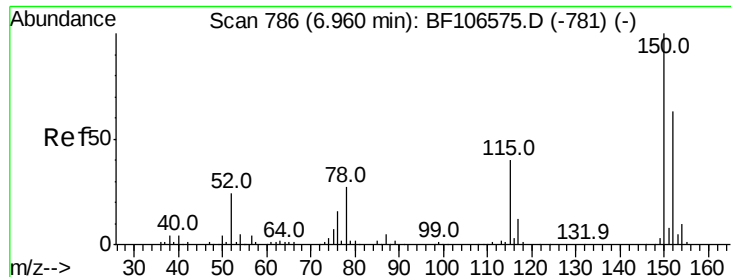
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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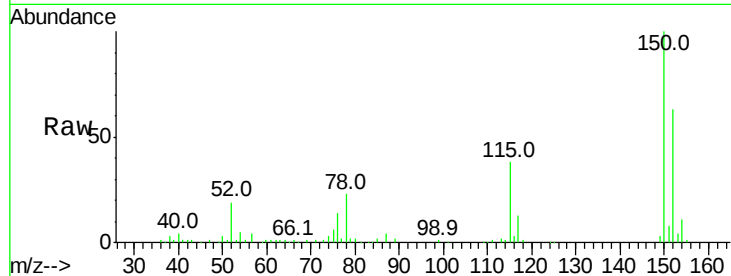


#1

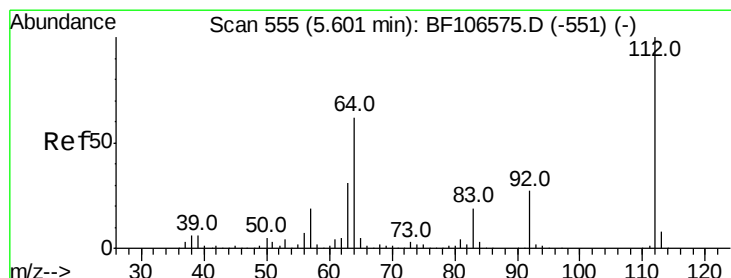
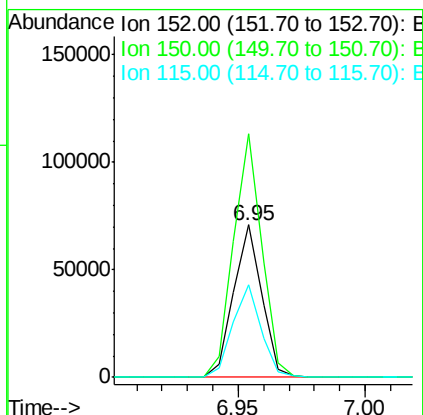
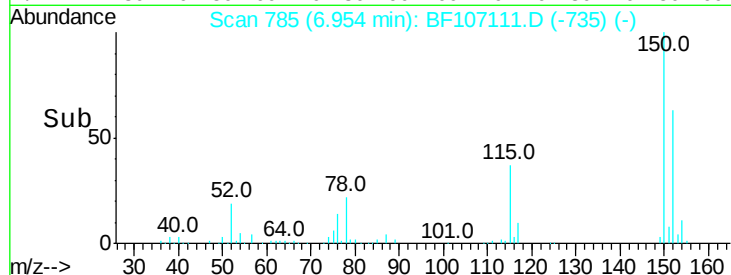
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54763
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 60.7 50.1 75.1



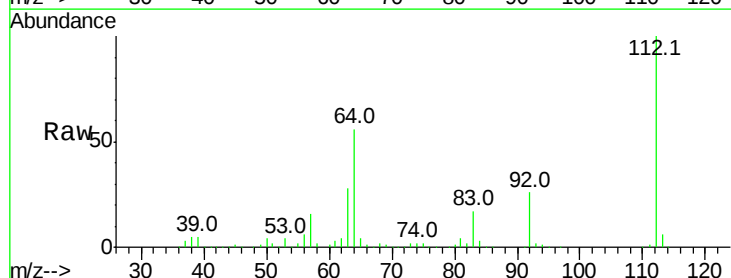
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



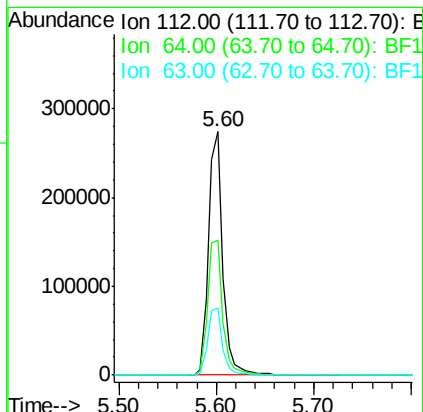
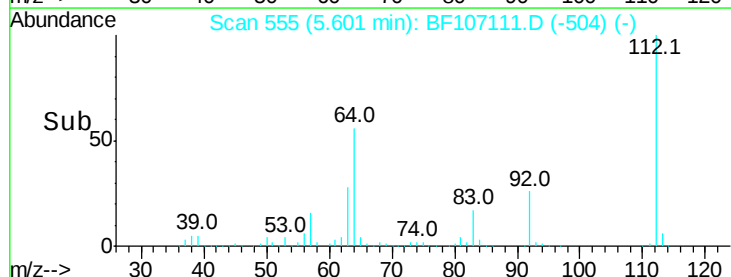
#5

2-Fluorophenol
Concen: 86.182 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Tgt Ion:112 Resp: 278719
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.8 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: 83.649 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107111.D

Acq: 4 Jul 2018 5:18

Instrument :

BNA_F

ClientSampleId :

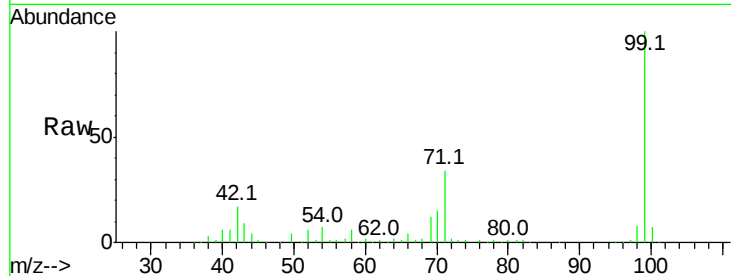
Tot Ion: 99 Resp: 337834

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

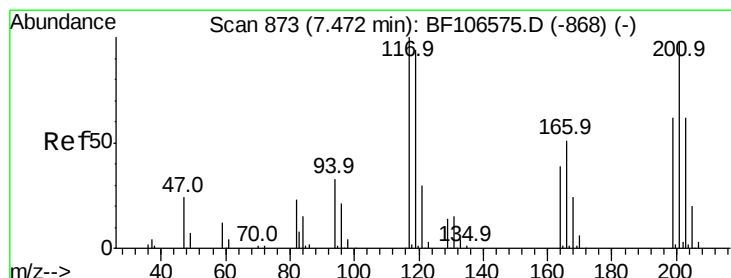
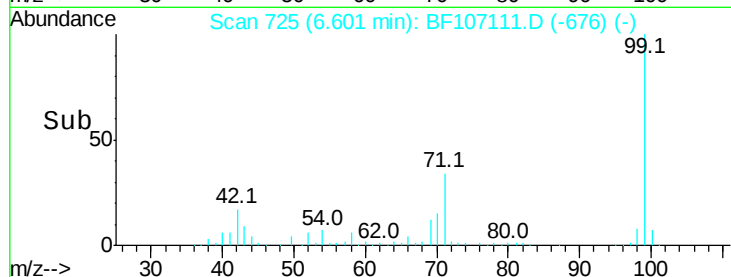
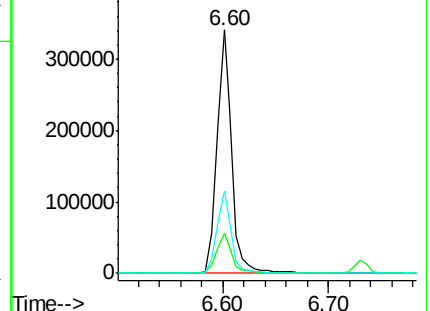
71 34.0 25.4 38.0



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



#18

Hexachloroethane

Concen: 2.014 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107111.D

Acq: 4 Jul 2018 5:18

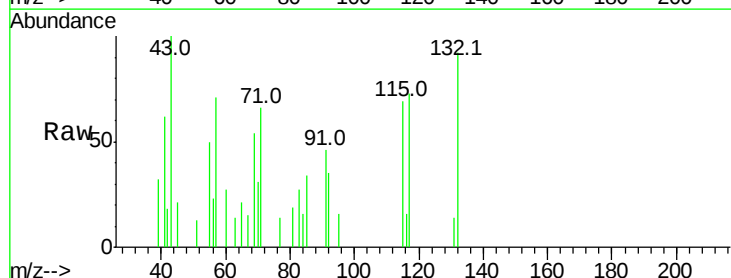
Tgt Ion: 117 Resp: 2975

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

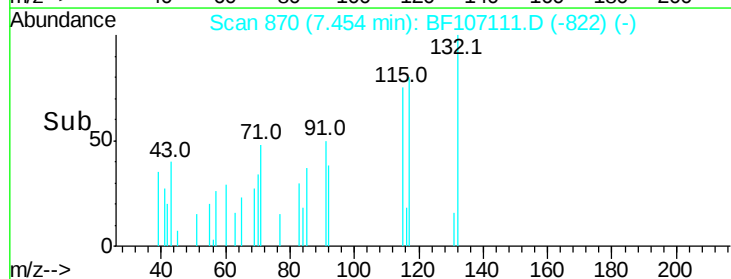
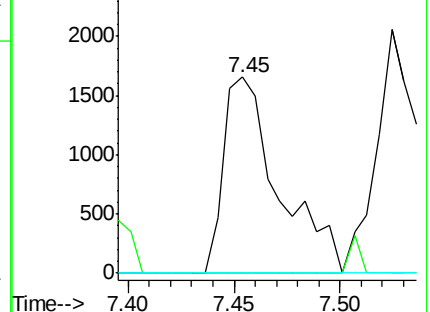
201 0.0 75.7 113.5#

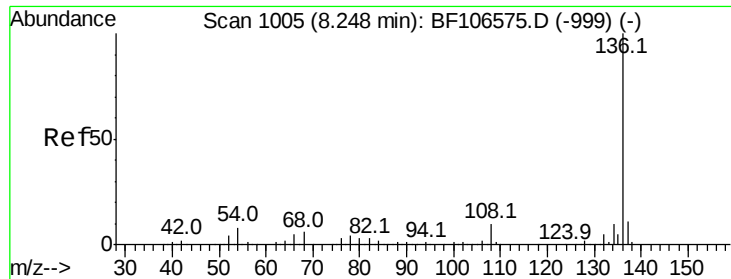


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

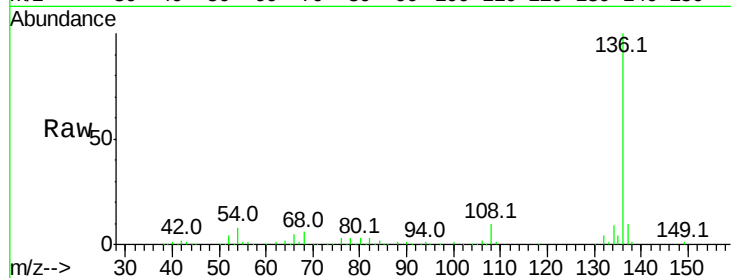




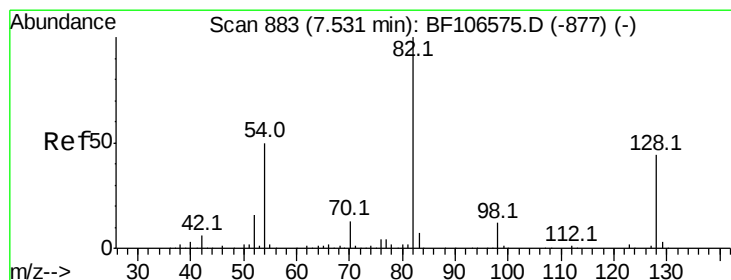
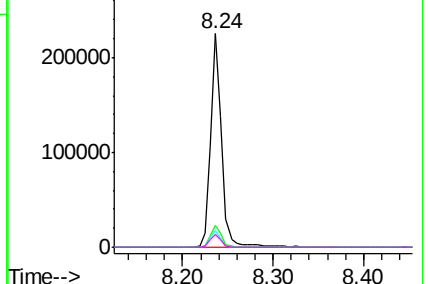
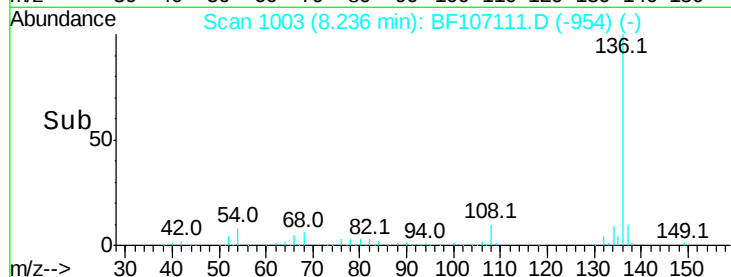
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	193724
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 7.6	6.6	9.8
68 6.1	5.0	7.4

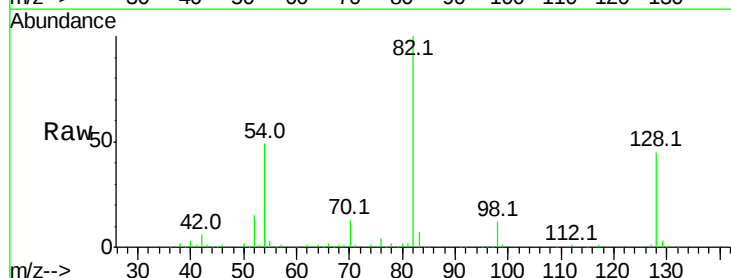


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

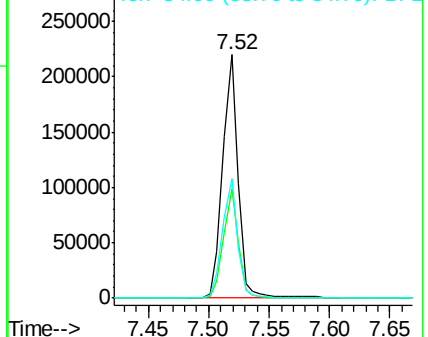
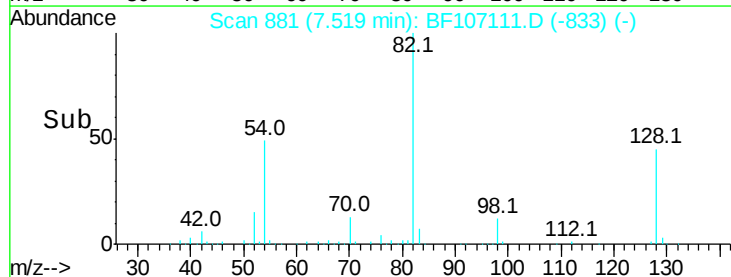


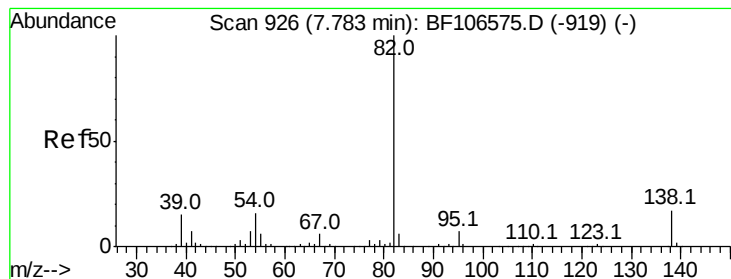
#23
Nitrobenzene-d5
Concen: 55.799 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Tgt	Ion: 82	Resp:	194509
Ion	Ratio	Lower	Upper
82	100		
128	45.0	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.665 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF107111.D

Acq: 4 Jul 2018 5:18

Instrument :

BNA_F

ClientSampled :

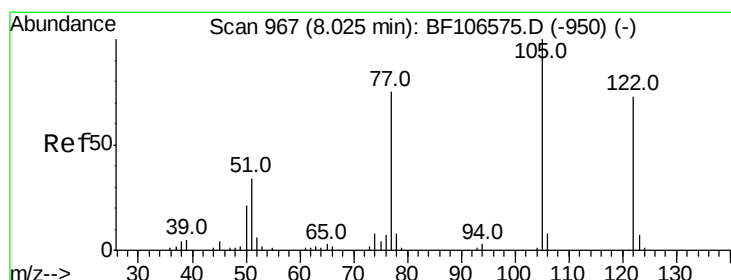
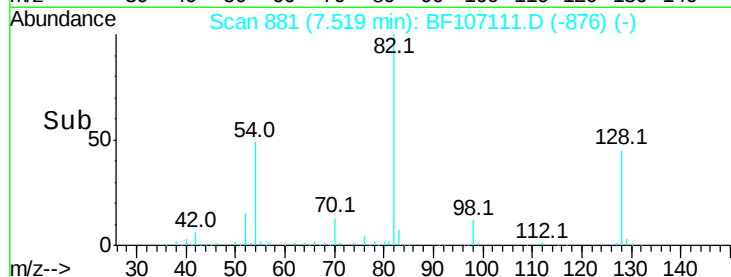
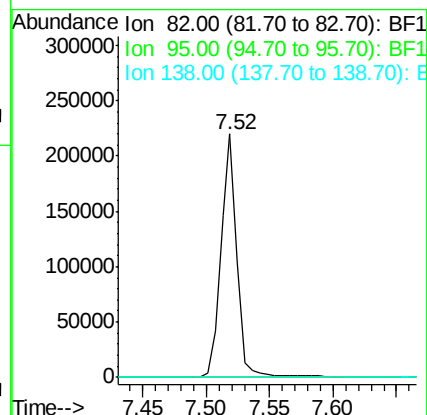
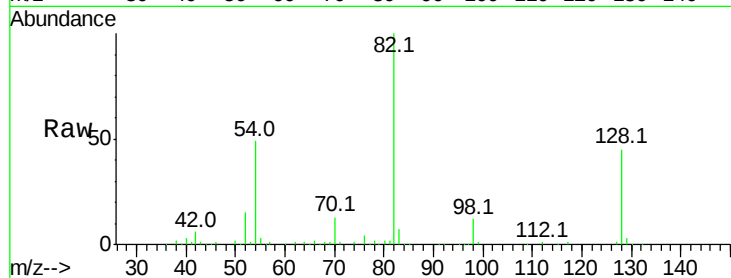
Tot Ion: 82 Resp: 194507

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 6.189 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF107111.D

Acq: 4 Jul 2018 5:18

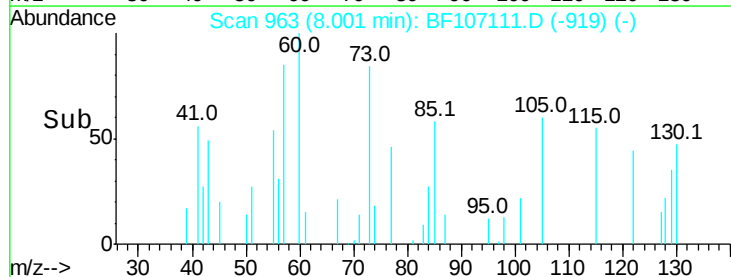
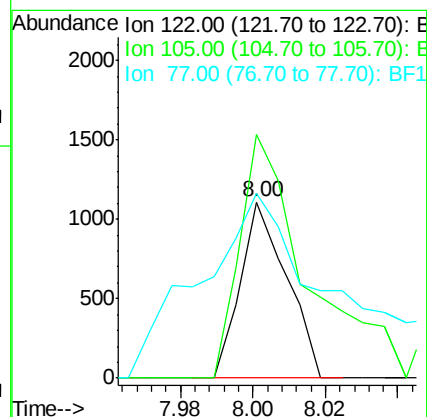
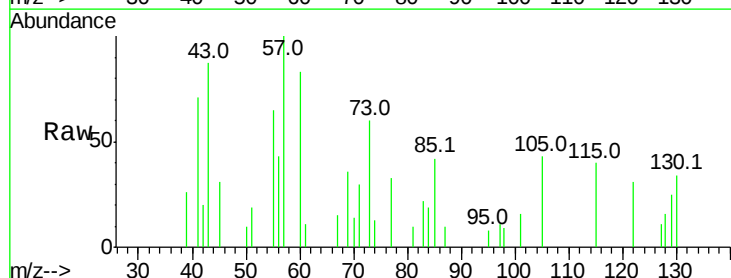
Tgt Ion:122 Resp: 983

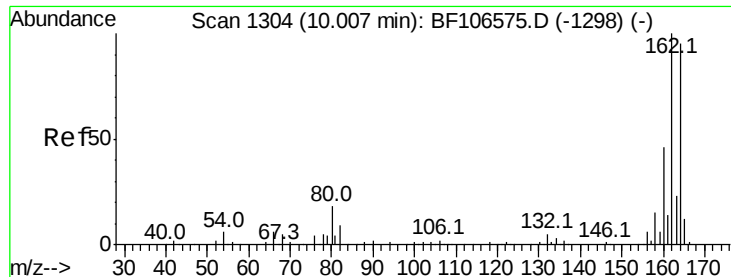
Ion Ratio Lower Upper

122 100

105 138.4 101.1 141.1

77 104.7 70.7 110.7

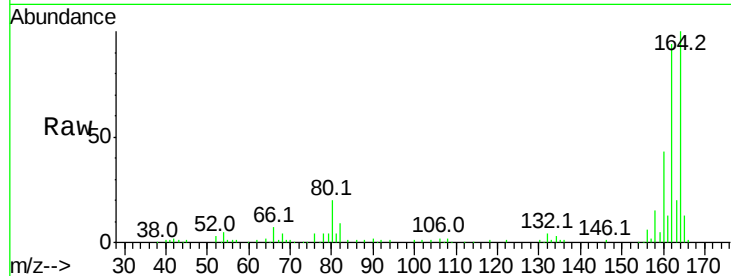




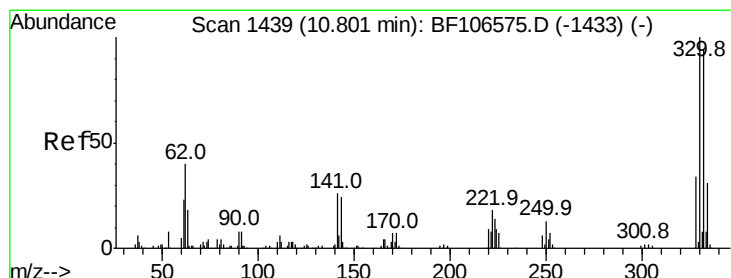
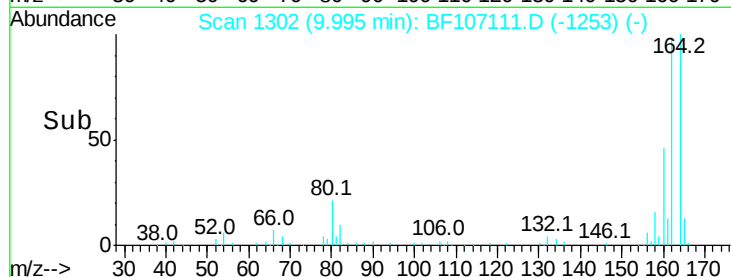
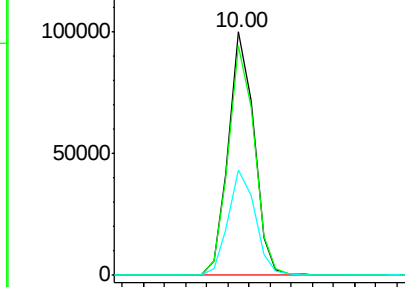
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 84075
Ion Ratio Lower Upper
164 100
162 94.2 86.1 129.1
160 43.5 38.3 57.5

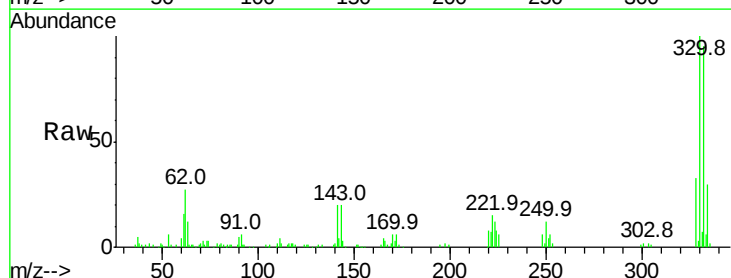


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

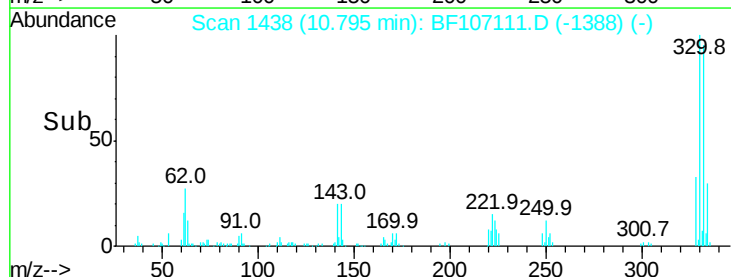
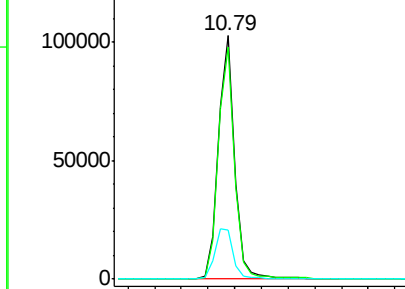


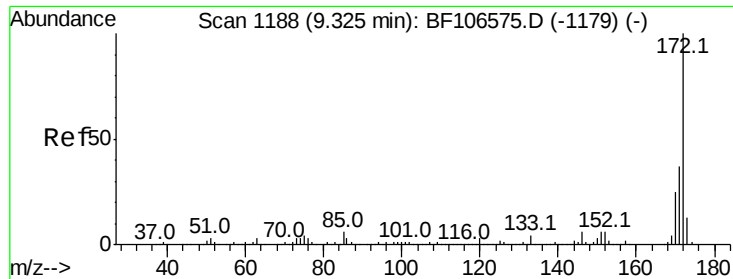
#41
2,4,6-Tribromophenol
Concen: 91.517 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Tgt Ion:330 Resp: 89179
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 23.8 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



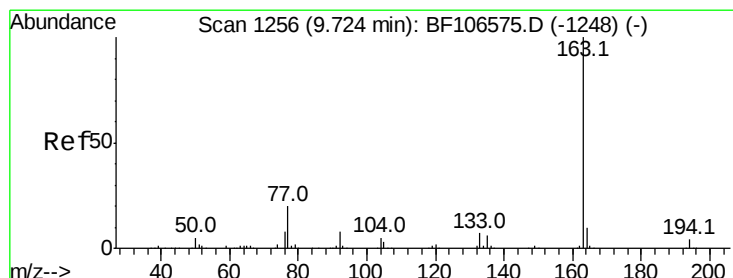
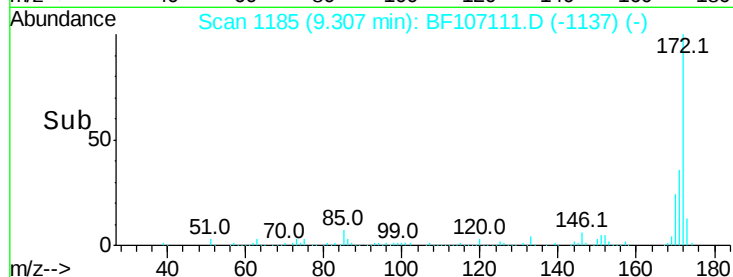
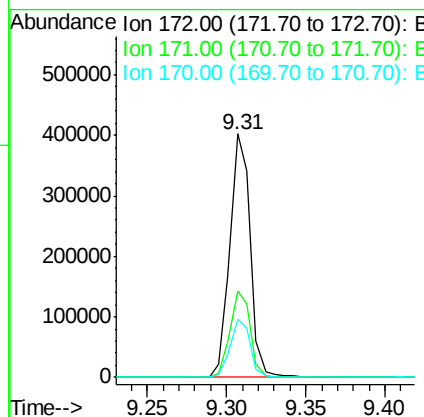
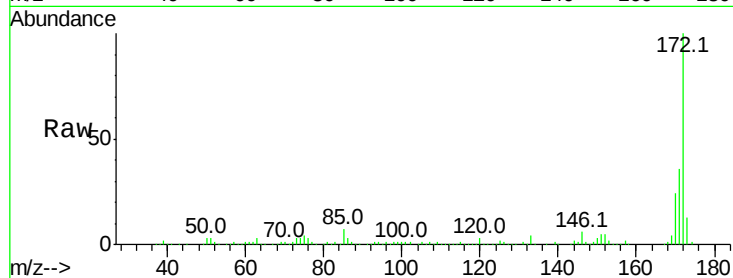


#44
 2-Fluorobiphenyl
 Concen: 69.405 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107111.D
 Acq: 4 Jul 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 358189

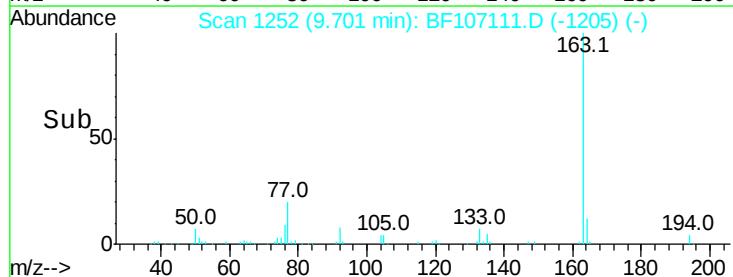
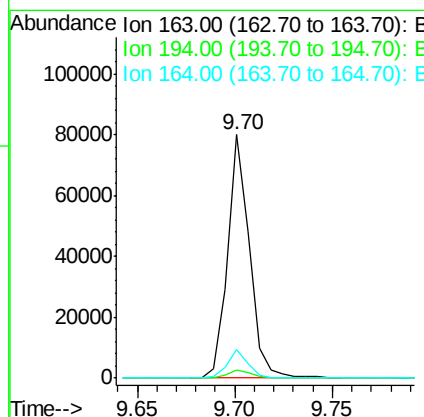
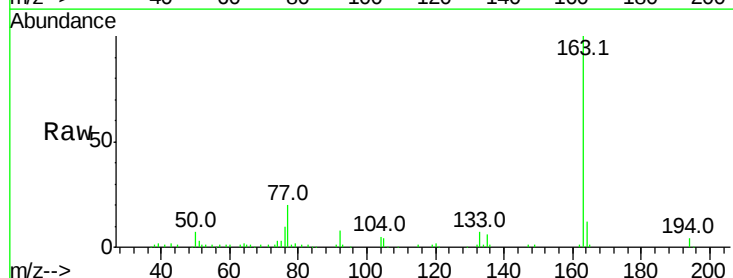
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4

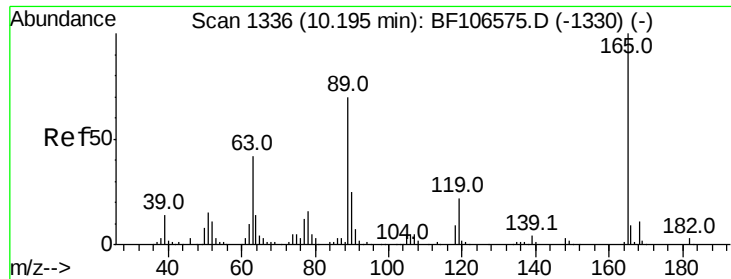


#49
 Dimethylphthalate
 Concen: 9.823 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107111.D
 Acq: 4 Jul 2018 5:18

Tgt Ion:163 Resp: 61944

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.6	8.2	12.2

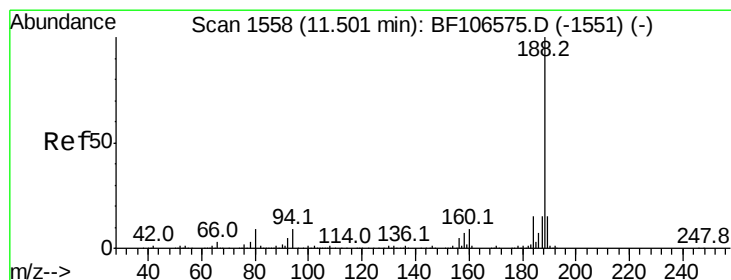
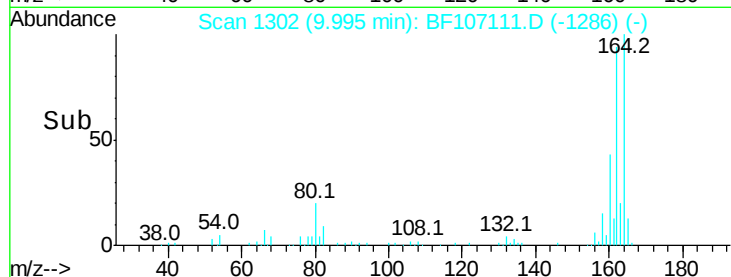
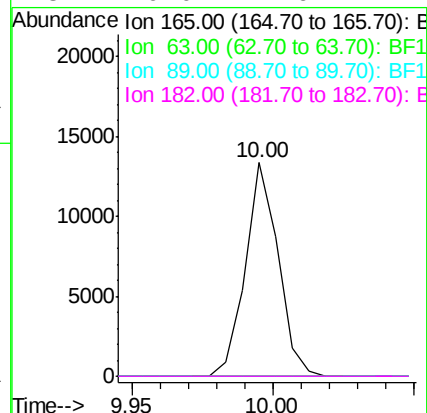
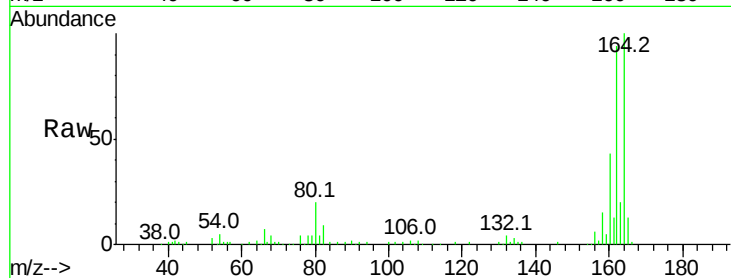




#56
 2,4-Dinitrotoluene
 Concen: 6.167 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107111.D
 Acq: 4 Jul 2018 5:18

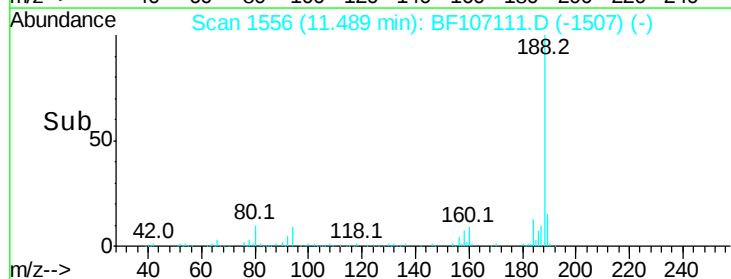
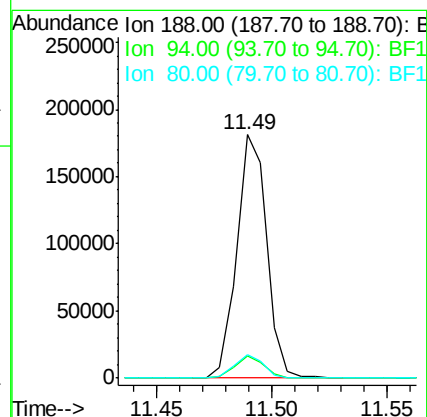
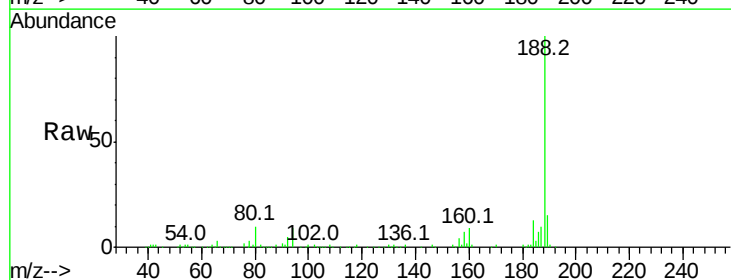
Instrument :
 BNA_F
 ClientSampleId :

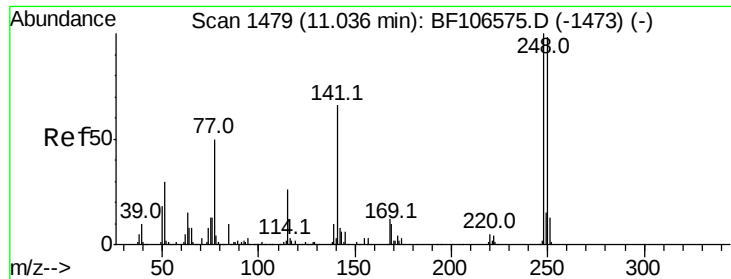
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107111.D
 Acq: 4 Jul 2018 5:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

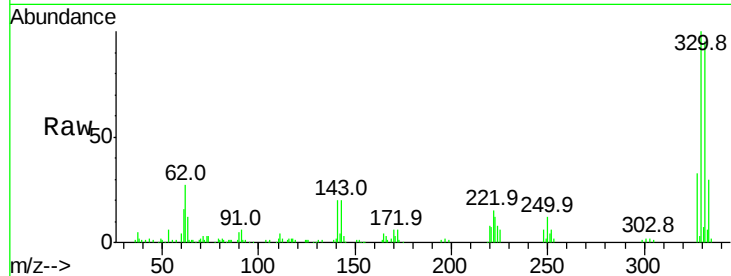




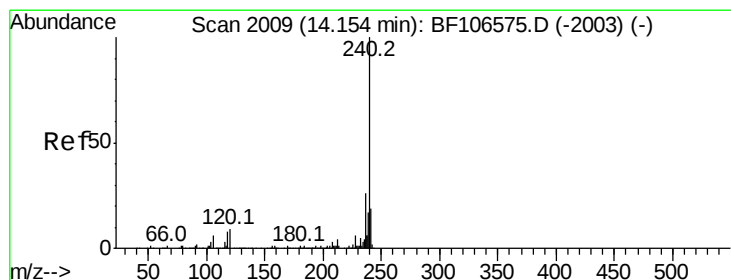
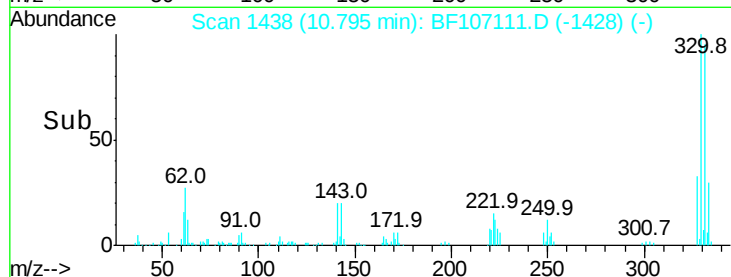
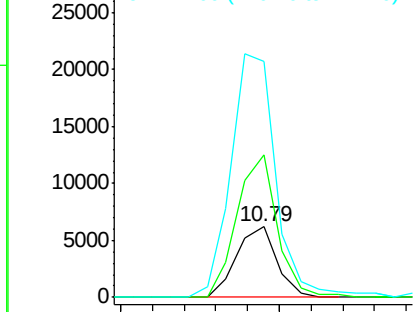
#66
4-Bromophenyl-phenylether
Concen: 2.780 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 5443
Ion Ratio Lower Upper
248 100
250 201.2 76.9 115.3#
141 333.9 74.4 111.6#

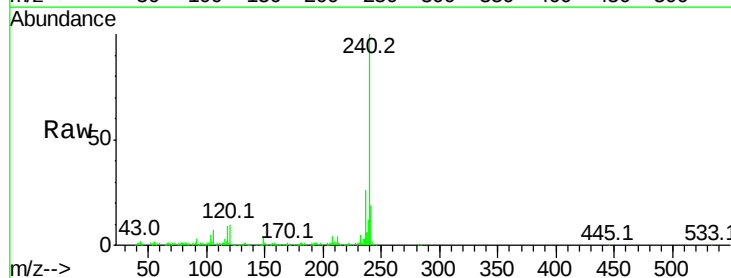


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

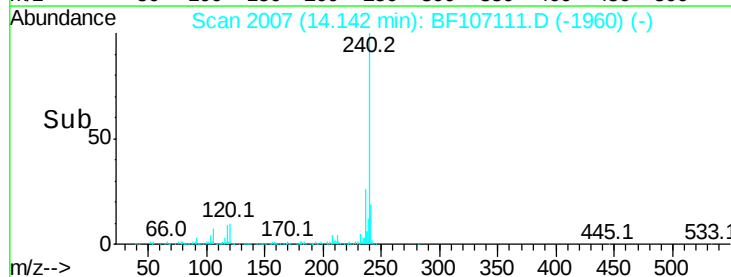
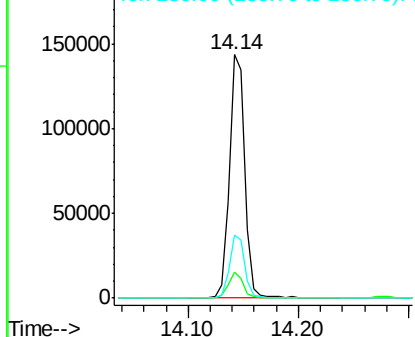


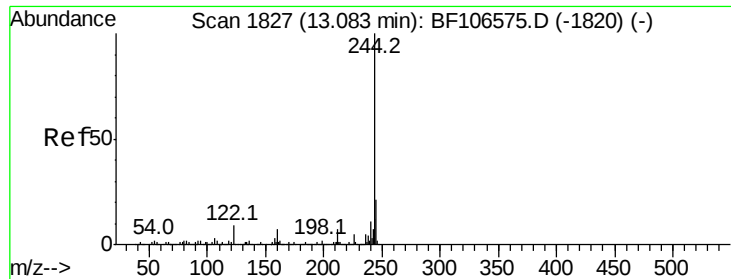
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107111.D
Acq: 4 Jul 2018 5:18

Tgt Ion:240 Resp: 140649
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.8 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: 76.174 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107111.D

Acq: 4 Jul 2018 5:18

Instrument :

BNA_F

ClientSampleId :

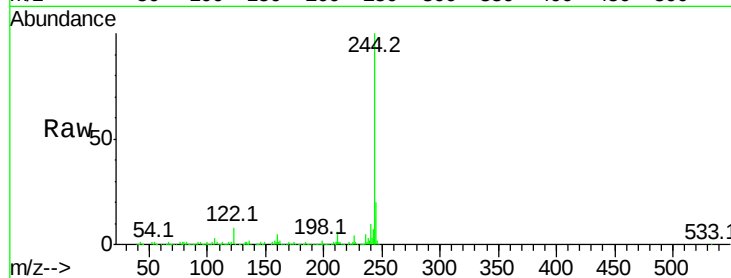
Tot Ion:244 Resp: 442300

Ion Ratio Lower Upper

244 100

212 5.9 5.4 8.0

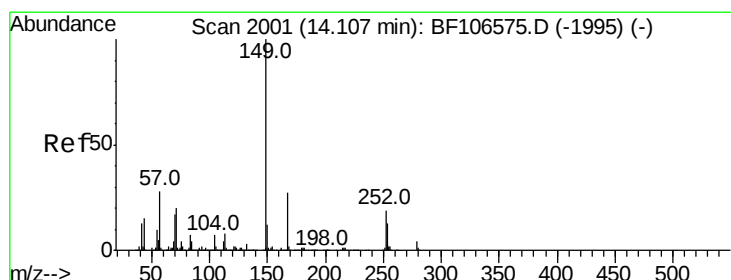
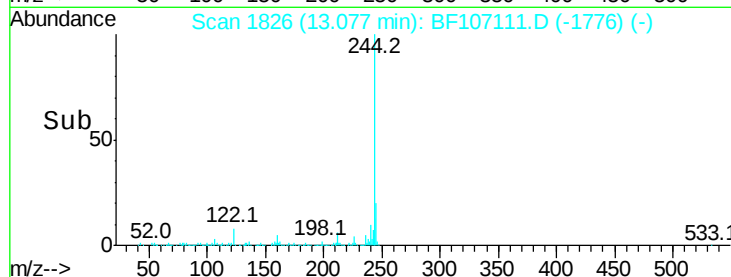
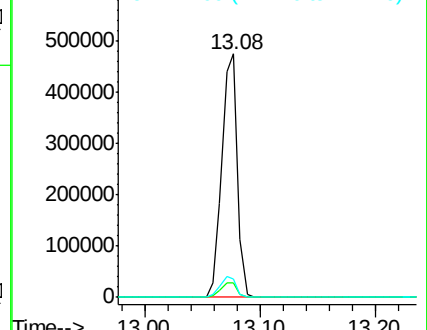
122 7.6 11.0 16.4#



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: 2.246 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107111.D

Acq: 4 Jul 2018 5:18

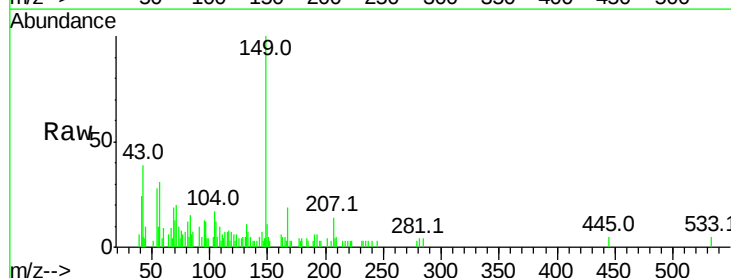
Tgt Ion:149 Resp: 10951

Ion Ratio Lower Upper

149 100

167 18.6 21.3 31.9#

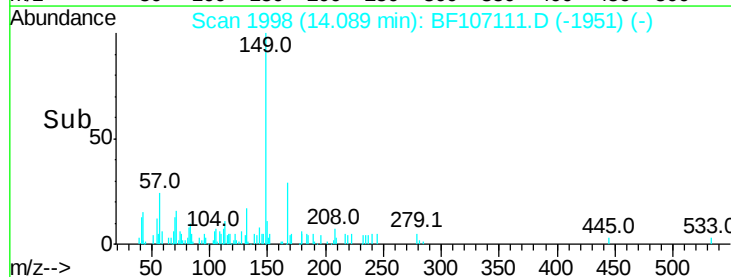
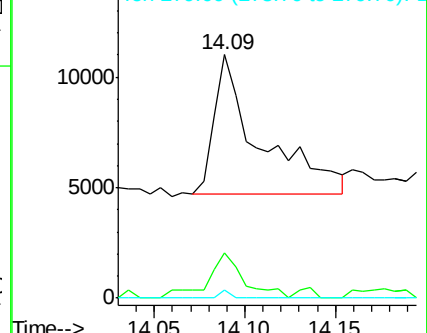
279 3.3 3.0 4.4

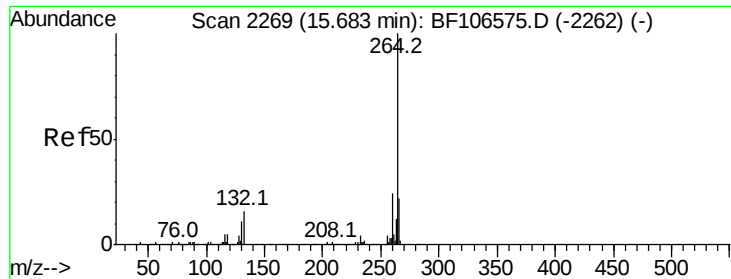


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

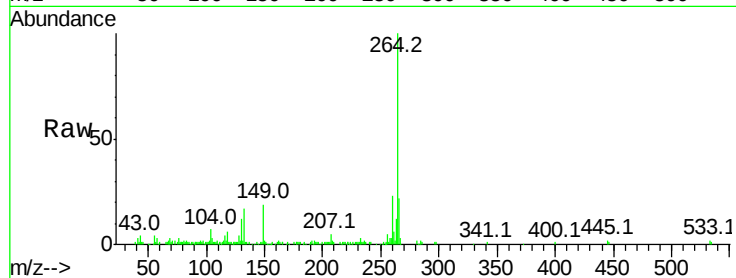




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF107111.D
 Acq: 4 Jul 2018 5:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	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

