

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107065.D
 Acq On : 3 Jul 2018 2:03
 Operator : JU/SJ
 Sample : J3799-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 03:38:20 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

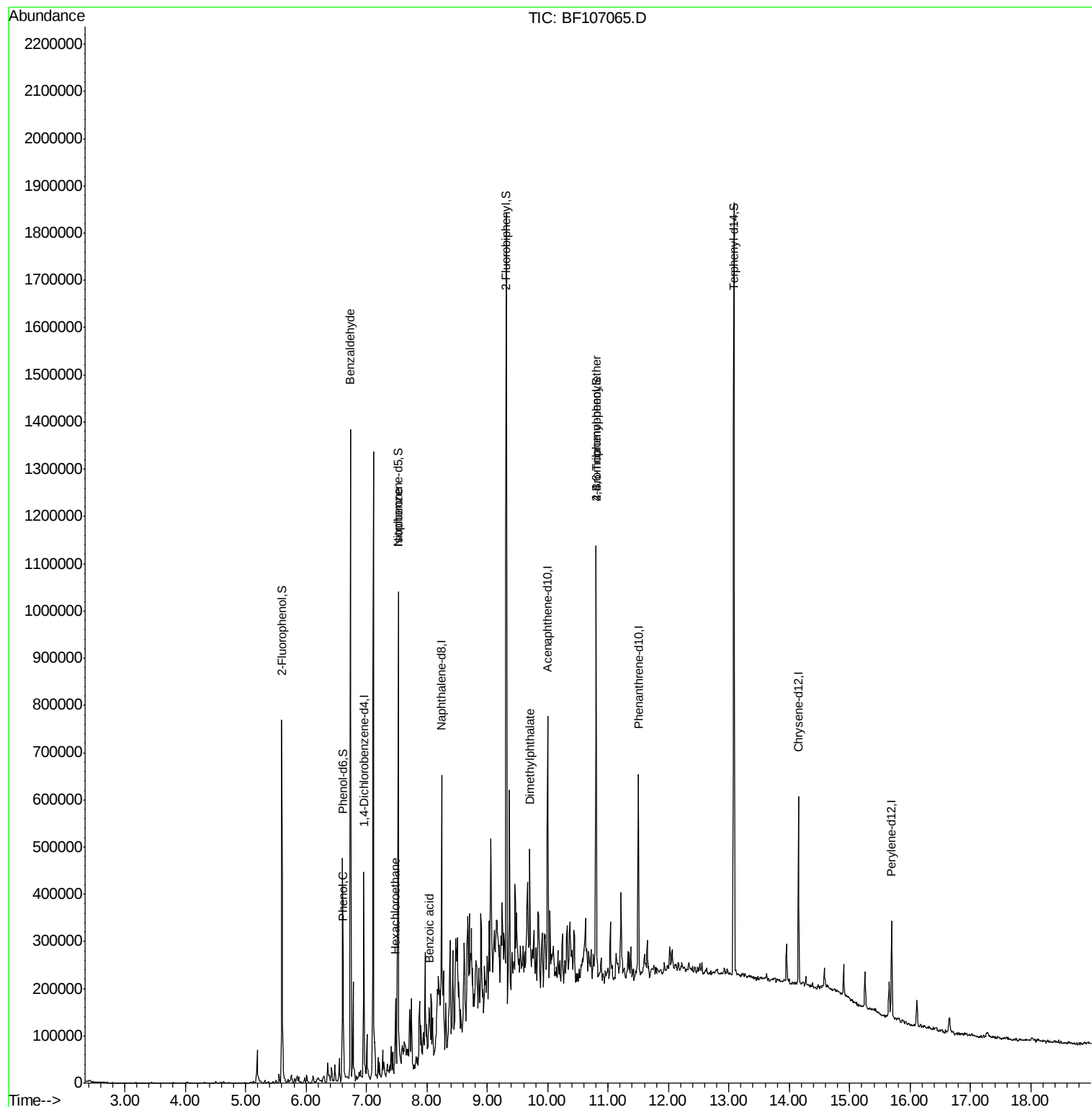
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	60963	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207502	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	92411	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	162908	20.00	ng	0.00
75) Chrysene-d12	14.15	240	146029	20.00	ng	-0.01
86) Perylene-d12	15.69	264	108362	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225239	62.56	ng	0.00
7) Phenol-d6	6.61	99	180446	40.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	323216	86.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	146939	137.19	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	564214	107.19	ng	-0.01
78) Terphenyl-d14	13.08	244	616911	102.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8076	2.140	ng	Qvalue 83
10) Phenol	6.62	94	19139	3.730	ng	91
18) Hexachloroethane	7.48	117	8946	5.441	ng	# 1
20) 3+4-Methylphenols	7.40	107	231	Below Cal	#	20
25) Isophorone	7.52	82	323821	49.216	ng	# 64
32) Benzoic acid	8.04	122	5407	8.084	ng	# 56
49) Dimethylphthalate	9.71	163	89959	12.979	ng	96
66) 4-Bromophenyl-phenylether	10.80	248	8867	4.561	ng	# 1

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

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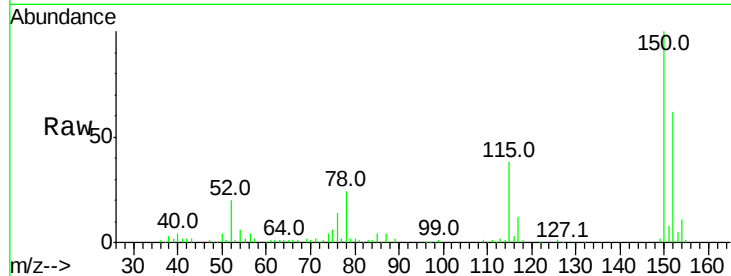


#1

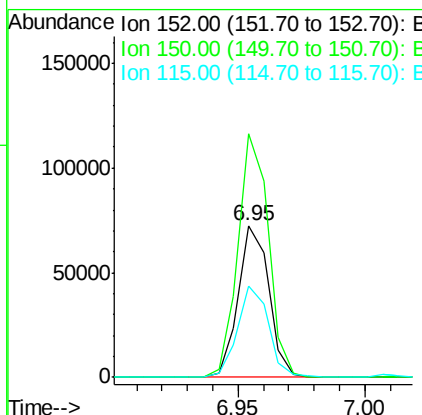
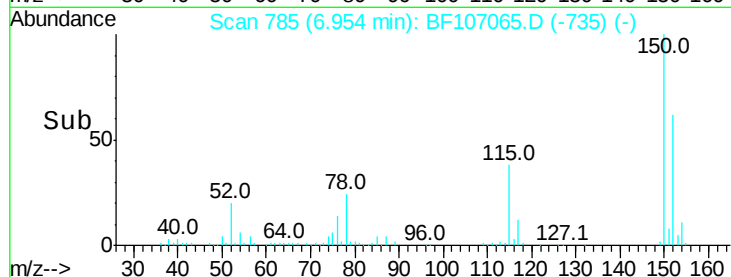
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 60963
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 60.4 50.1 75.1



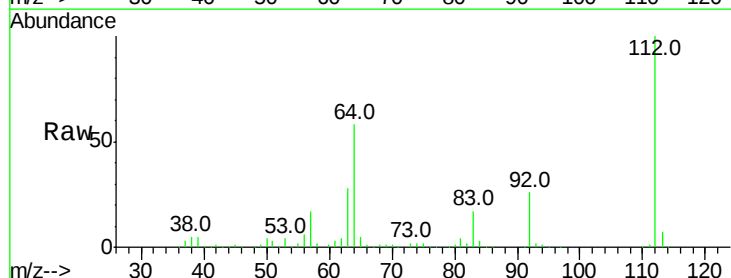
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



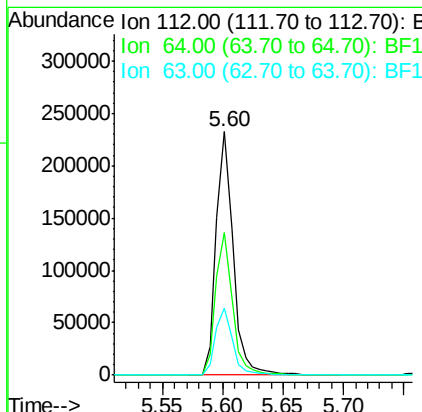
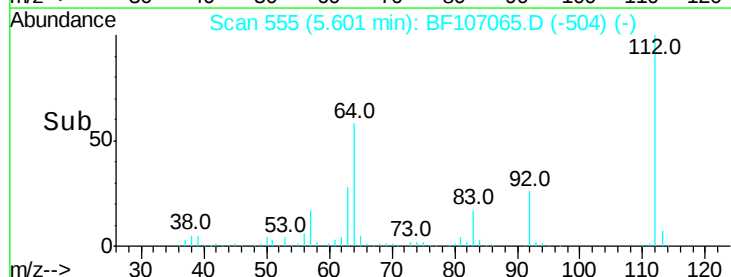
#5

2-Fluorophenol
 Concen: 62.563 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Tgt Ion:112 Resp: 225239
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.9 71.9
 63 27.7 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: 40.135 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampled :

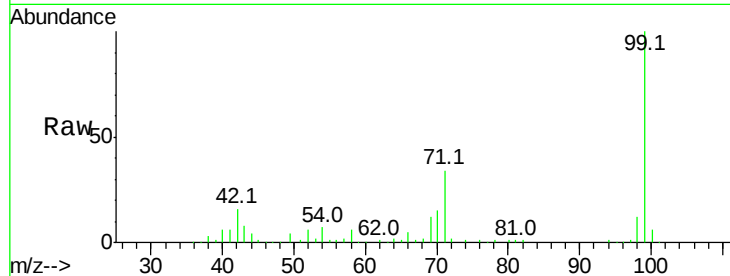
Tot Ion: 99 Resp: 180446

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

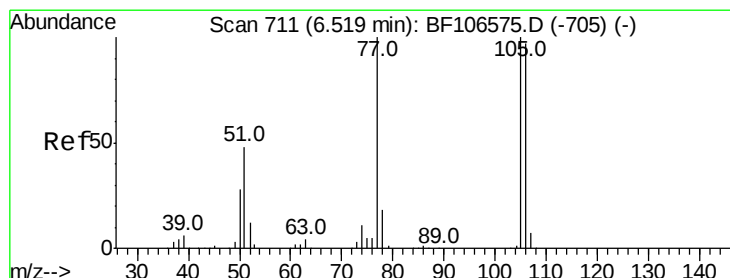
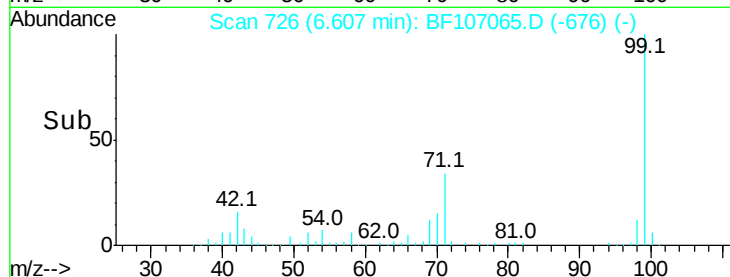
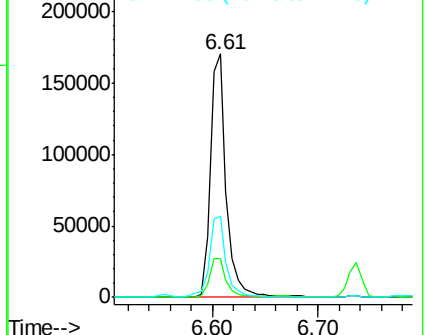
71 33.5 25.4 38.0



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: 2.140 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

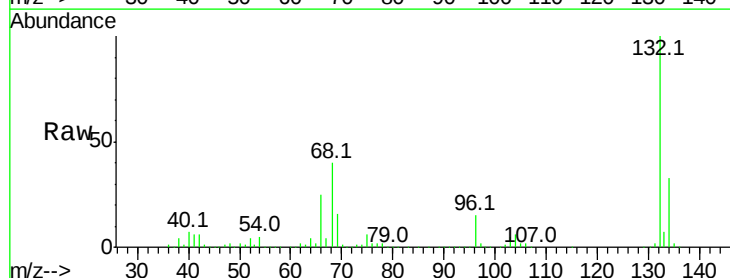
Tgt Ion: 77 Resp: 8076

Ion Ratio Lower Upper

77 100

105 82.8 81.1 121.1

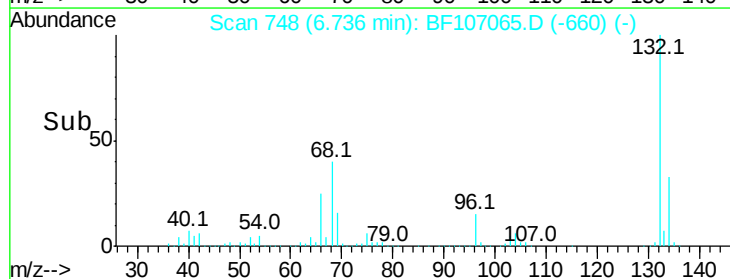
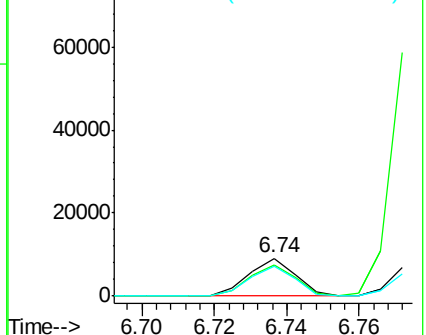
106 78.6 74.5 114.5

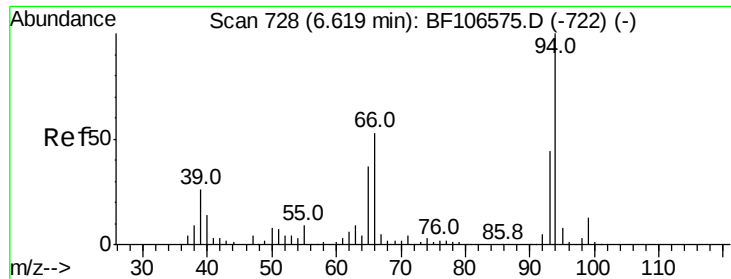


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

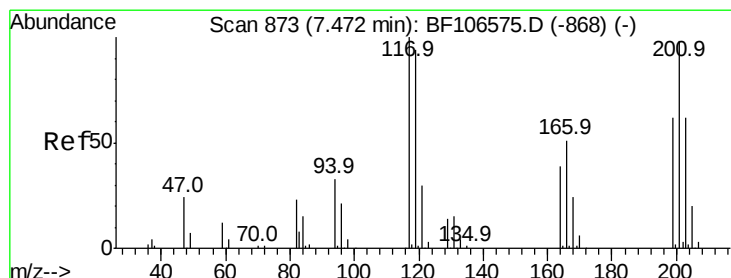
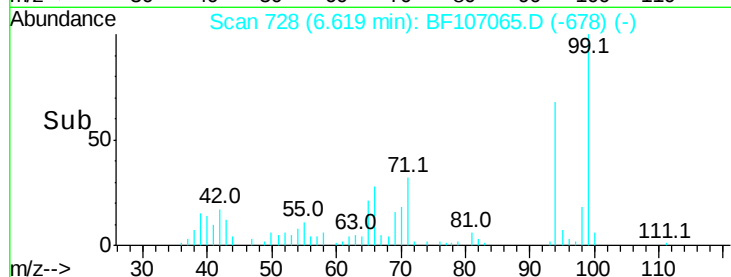
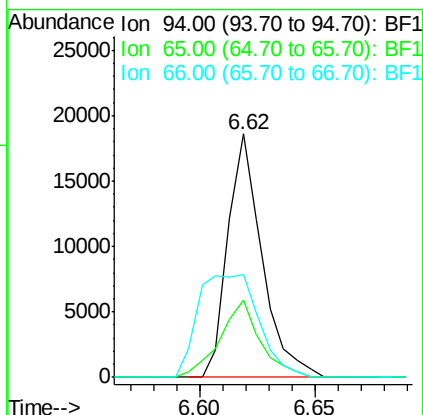
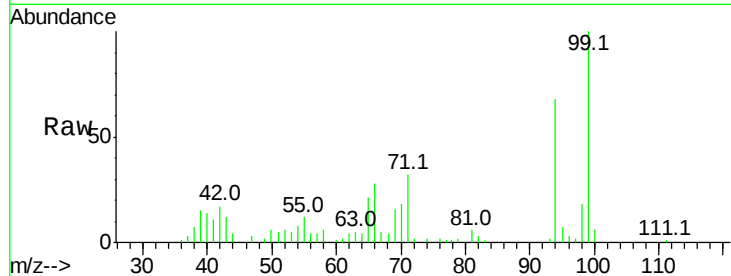




#10
Phenol
Concen: 3.730 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

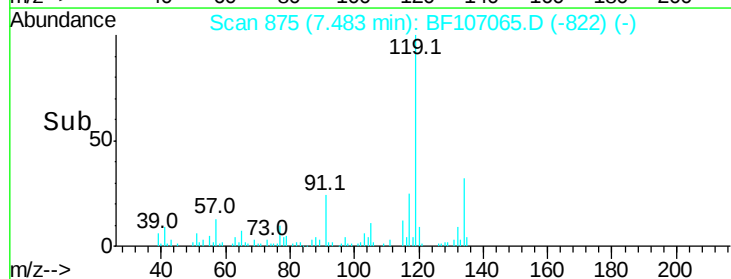
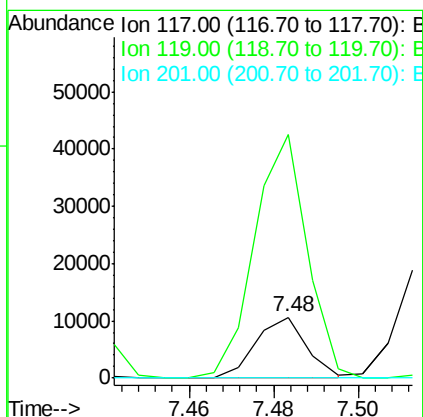
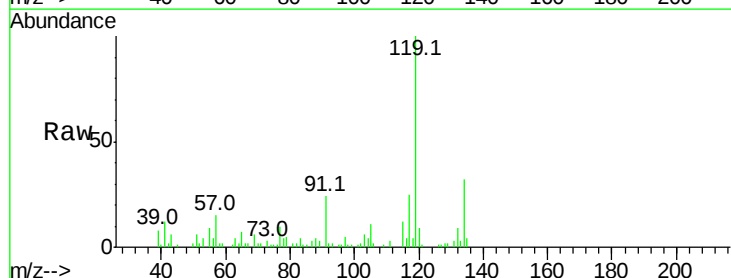
Instrument :
BNA_F
ClientSampled :

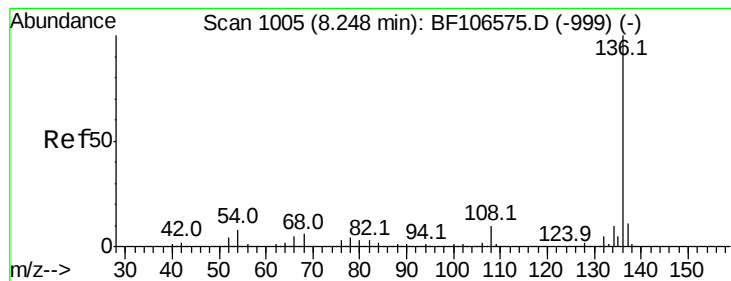
Tot Ion: 94 Resp: 19139
Ion Ratio Lower Upper
94 100
65 31.5 7.9 47.9
66 42.2 16.2 56.2



#18
Hexachloroethane
Concen: 5.441 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Tgt Ion: 117 Resp: 8946
Ion Ratio Lower Upper
117 100
119 401.1 75.8 113.8#
201 0.0 75.7 113.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 207502

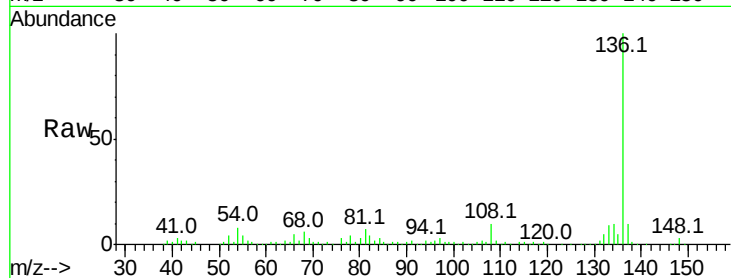
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

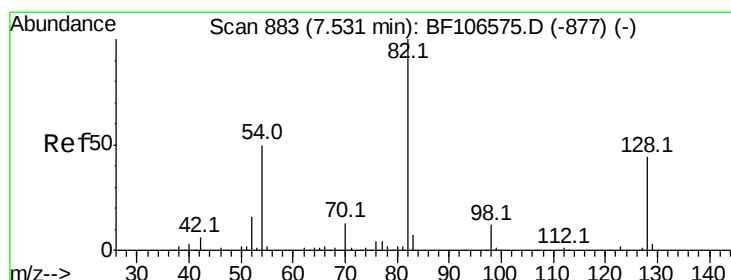
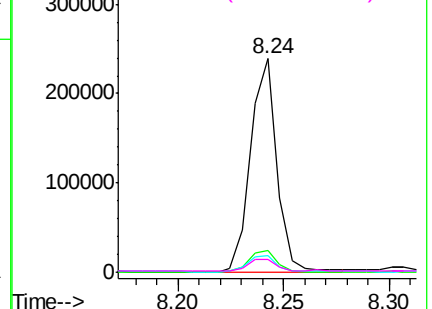
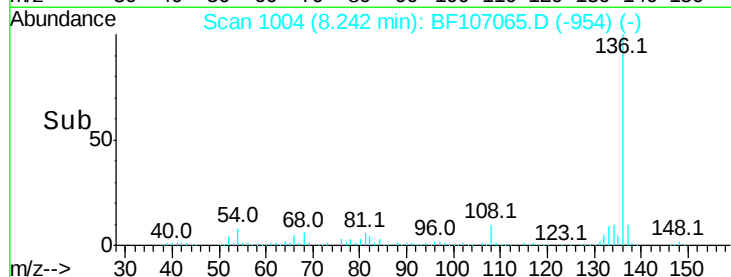


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.564 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

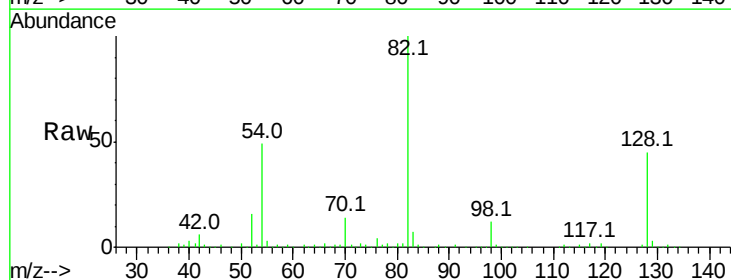
Tgt Ion: 82 Resp: 323216

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

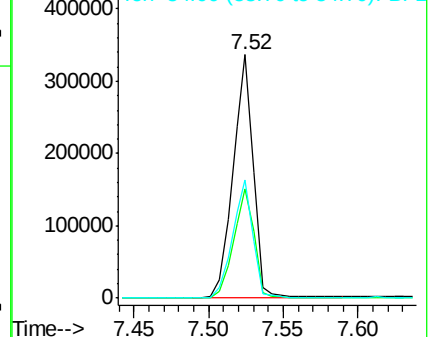
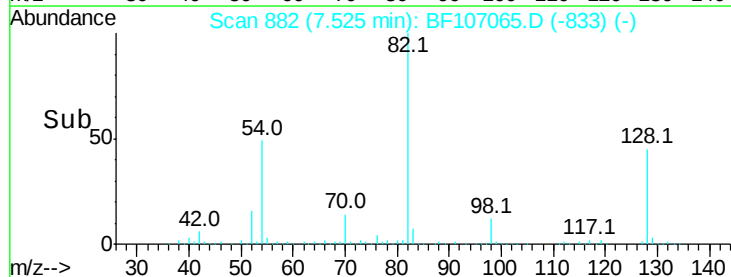
54 48.6 41.4 62.2

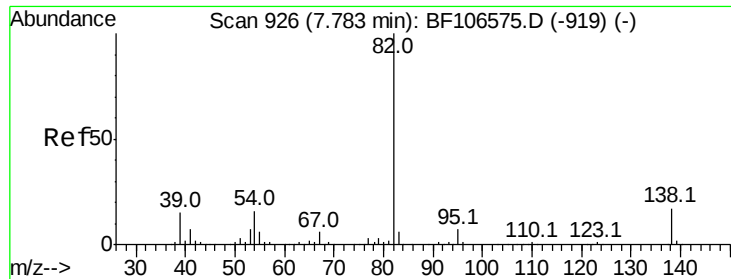


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.216 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

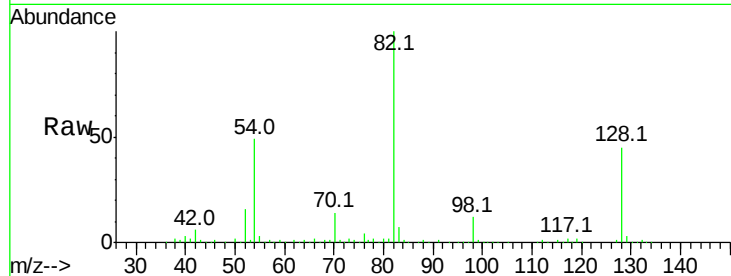
Tot Ion: 82 Resp: 323821

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

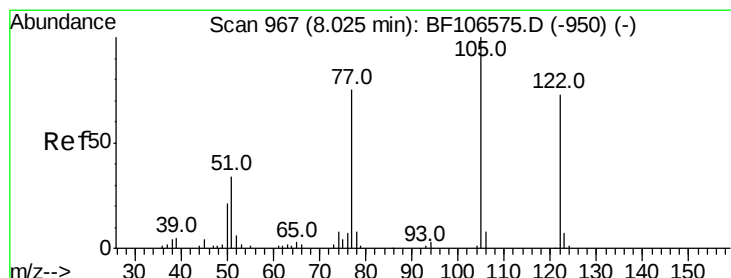
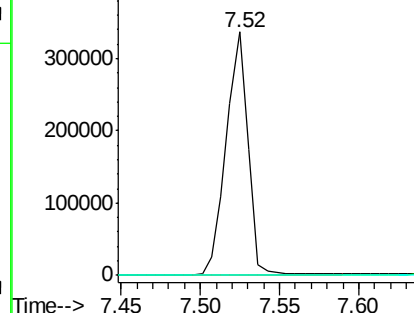
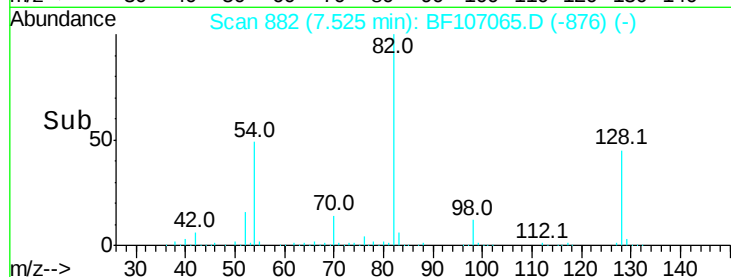
138 0.0 14.9 22.3#



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: 8.084 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

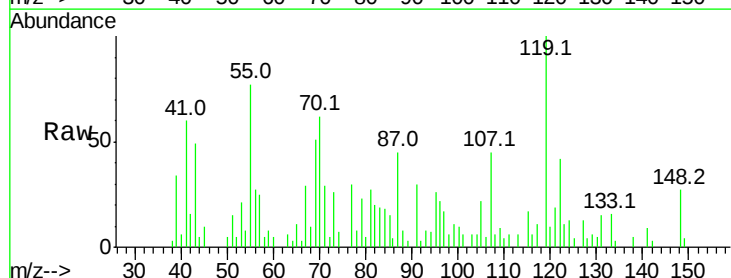
Tgt Ion: 122 Resp: 5407

Ion Ratio Lower Upper

122 100

105 52.4 101.1 141.1#

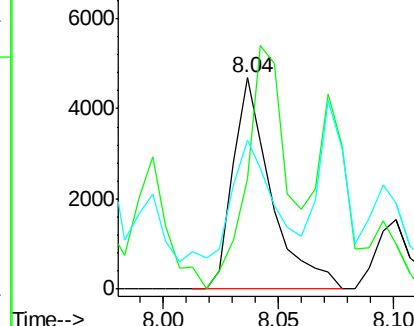
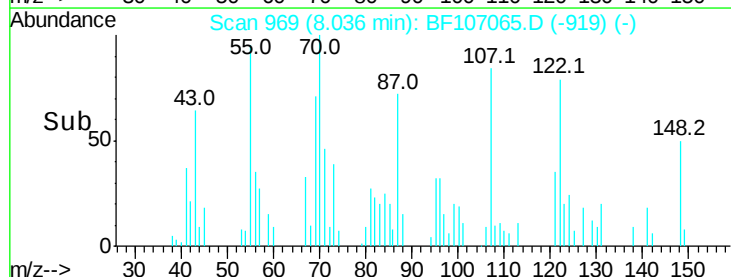
77 70.4 70.7 110.7#

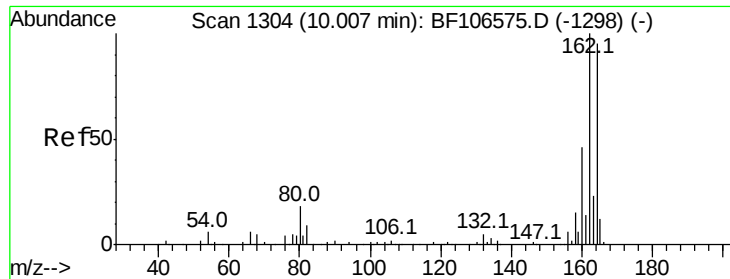


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

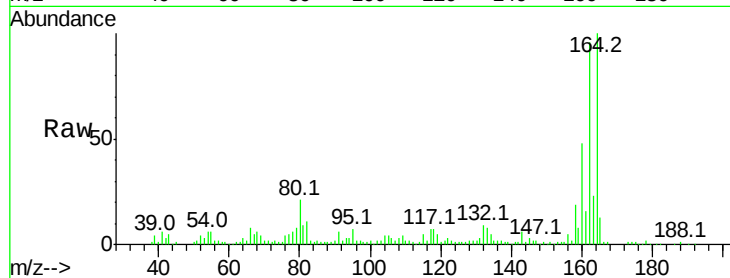
Tot Ion:164 Resp: 92411

Ion Ratio Lower Upper

164 100

162 96.3 86.1 129.1

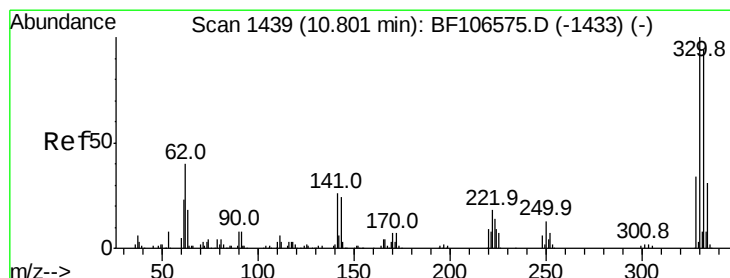
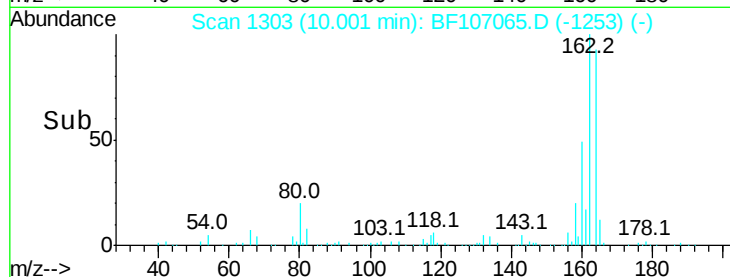
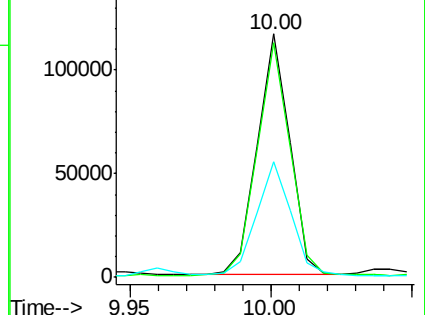
160 47.5 38.3 57.5



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: 137.189 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

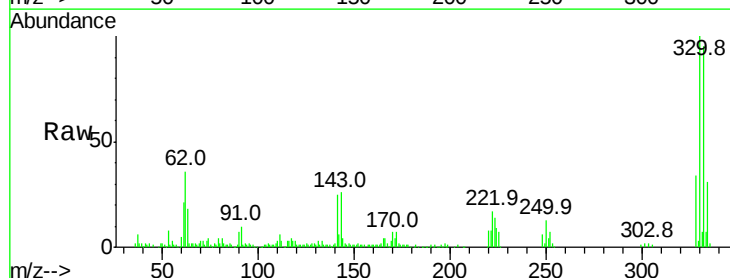
Tgt Ion:330 Resp: 146939

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

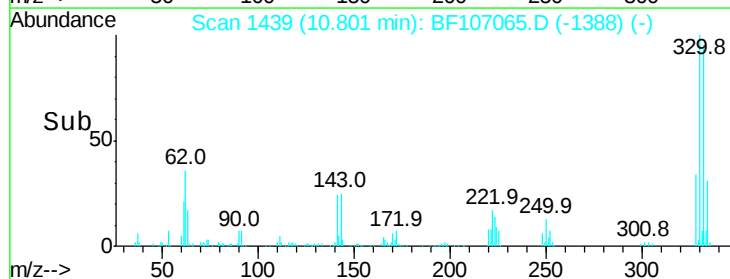
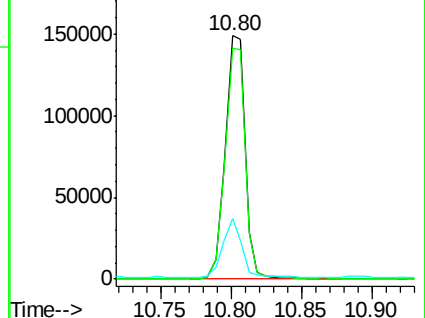
141 22.8 29.9 44.9#

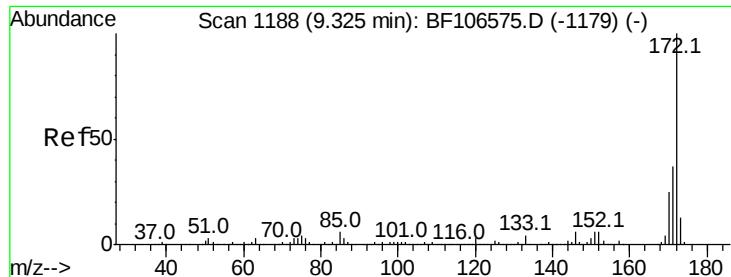


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

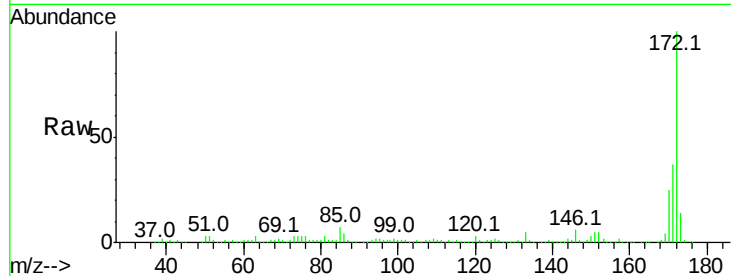




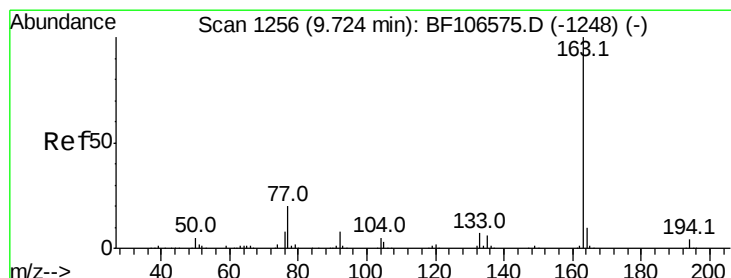
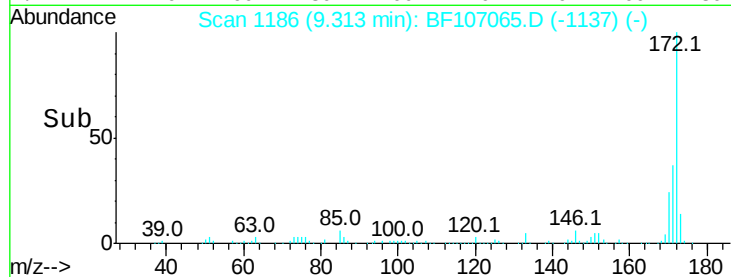
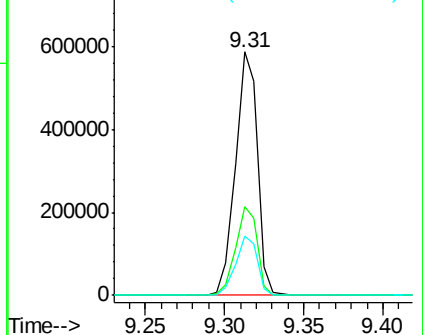
#44
 2-Fluorobiphenyl
 Concen: 107.195 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 564214
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4

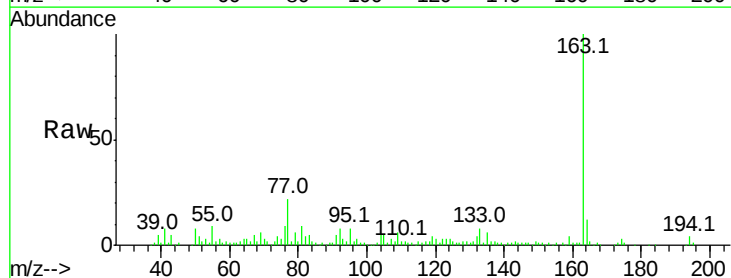


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

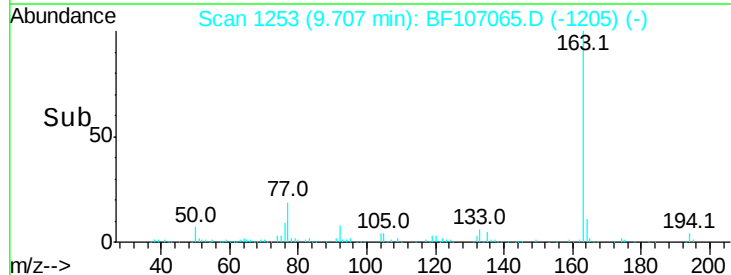
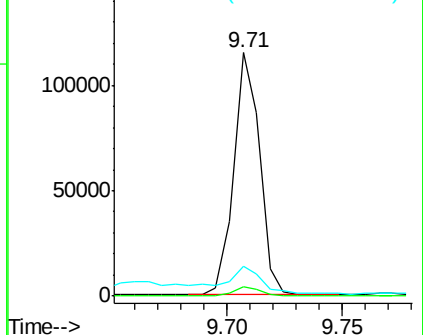


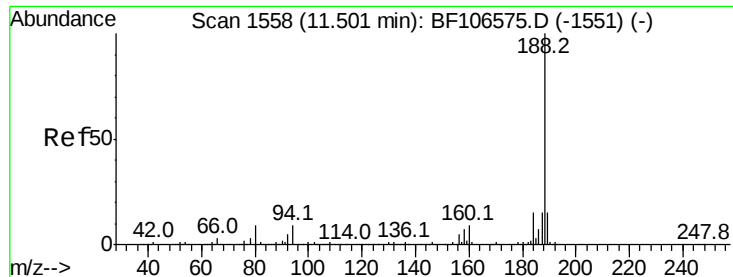
#49
 Dimethylphthalate
 Concen: 12.979 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107065.D
 Acq: 3 Jul 2018 2:03

Tgt Ion:163 Resp: 89959
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 12.1 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

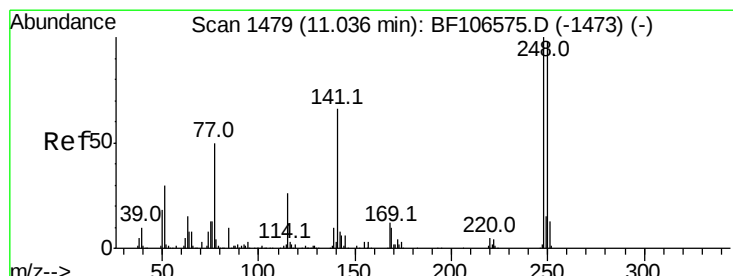
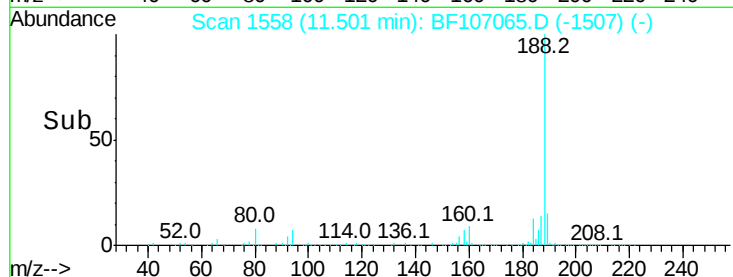
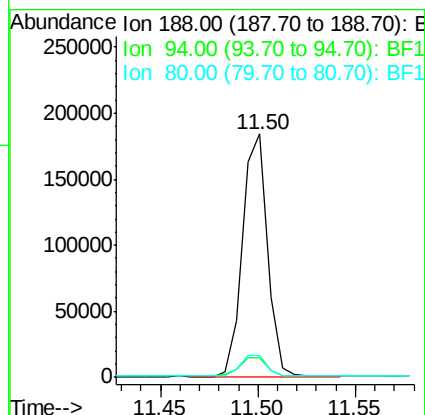
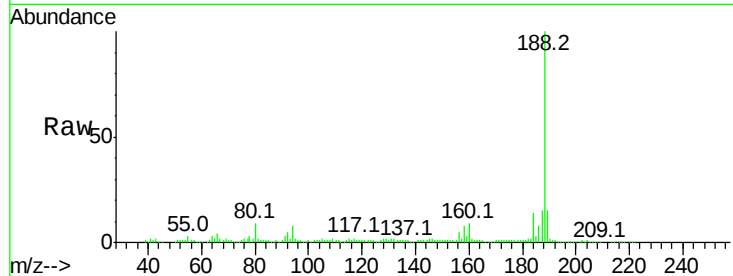




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

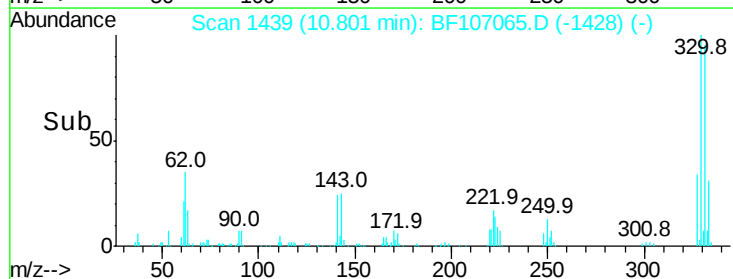
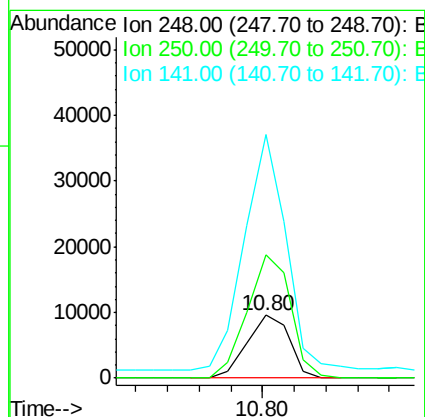
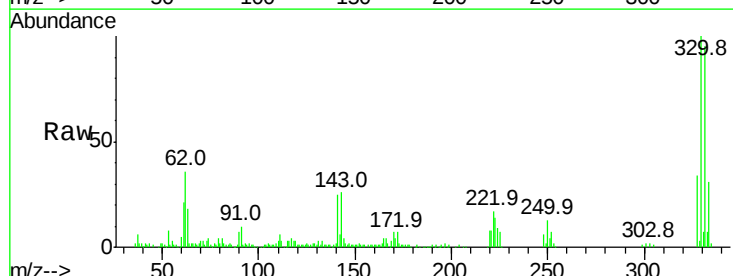
Instrument :
BNA_F
ClientSampleId :

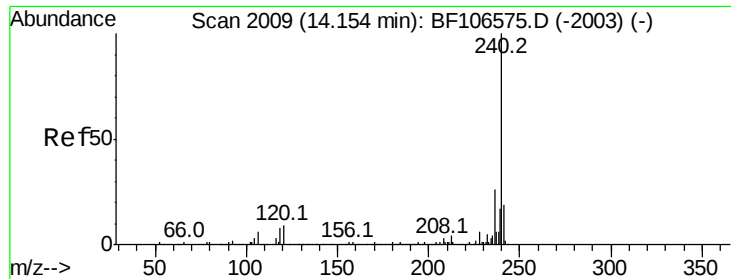
Tot Ion:188 Resp: 162908
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Tgt Ion:248 Resp: 8867
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 387.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

Instrument :

BNA_F

ClientSampleId :

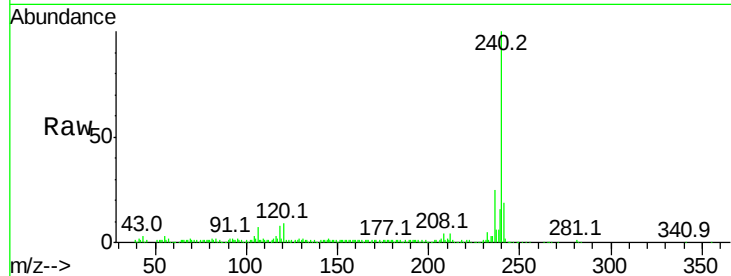
Tot Ion:240 Resp: 146029

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

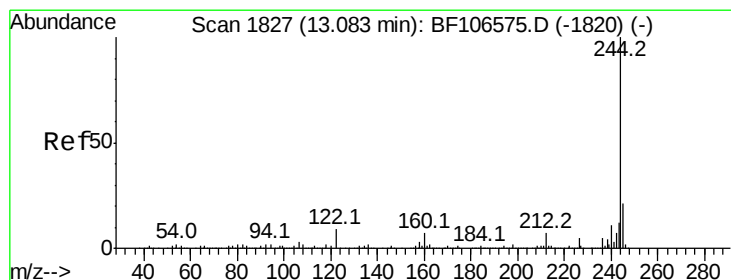
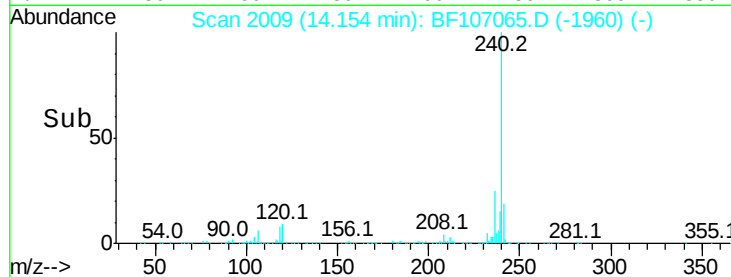
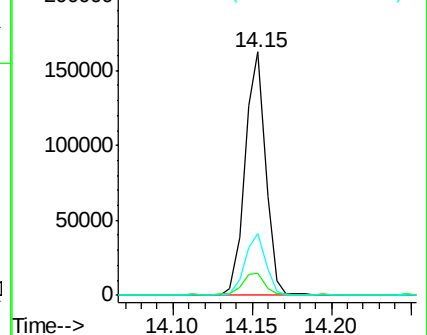
236 25.3 20.7 31.1



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: 102.332 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107065.D

Acq: 3 Jul 2018 2:03

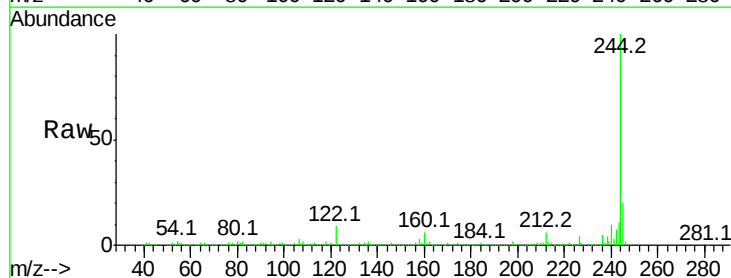
Tgt Ion:244 Resp: 616911

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

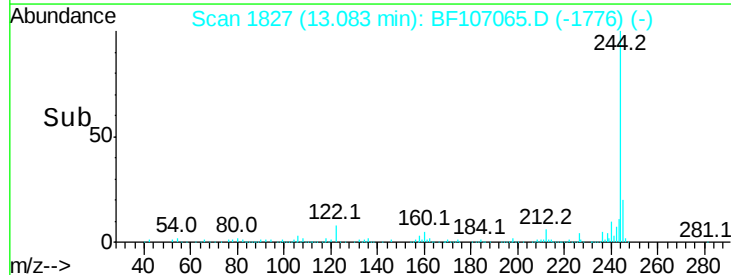
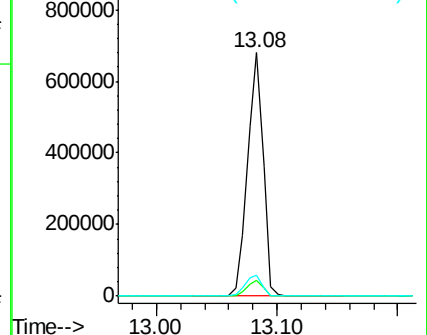
122 8.6 11.0 16.4#

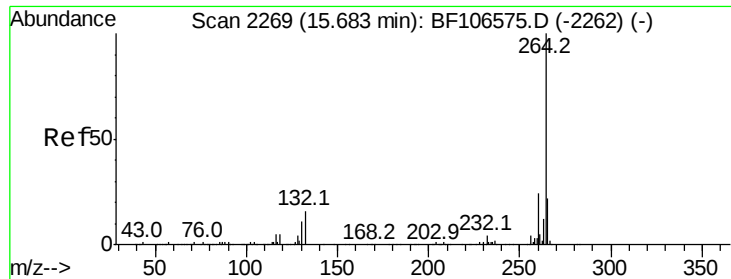


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

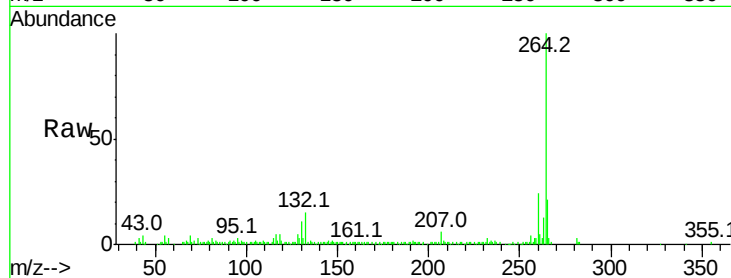




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107065.D
Acq: 3 Jul 2018 2:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	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

