

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107056.D
 Acq On : 2 Jul 2018 20:39
 Operator : JU/SJ
 Sample : J3771-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:25:40 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

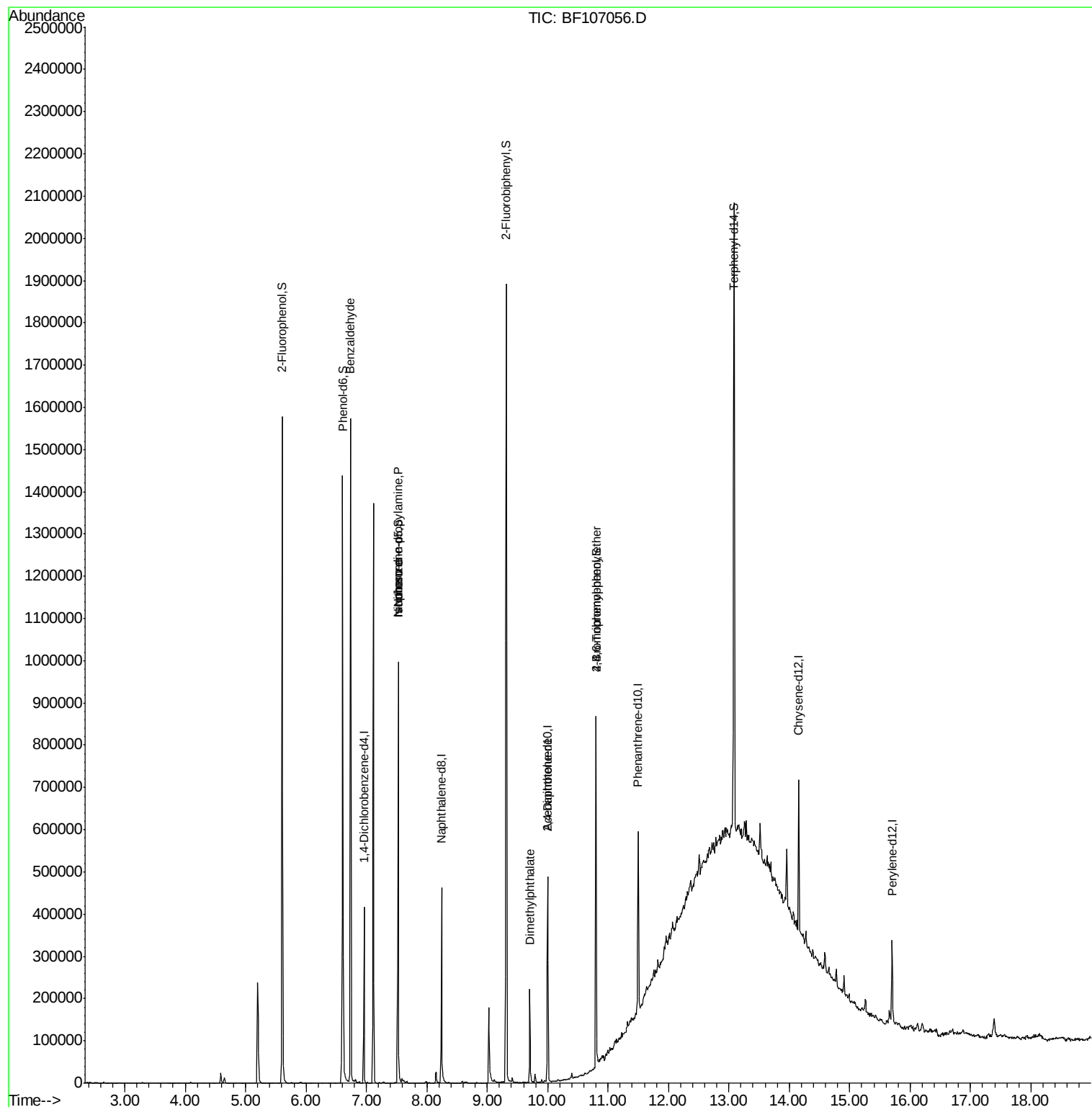
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	64517	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	218950	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	96360	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	173475	20.00	ng	0.00
75) Chrysene-d12	14.15	240	147689	20.00	ng	-0.01
86) Perylene-d12	15.70	264	107459	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	455691	119.60	ng	0.00
7) Phenol-d6	6.61	99	589151	123.82	ng	0.00
23) Nitrobenzene-d5	7.52	82	340856	86.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	136538	122.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	651631	120.65	ng	-0.01
78) Terphenyl-d14	13.08	244	674874	110.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	9986	2.490	ng	83
19) n-Nitroso-di-n-propylamine	7.52	70	44806	14.286	ng	# 73
25) Isophorone	7.52	82	340850	49.096	ng	# 64
49) Dimethylphthalate	9.71	163	94570	13.085	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	12239	6.127	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	8127	3.925	ng	# 1

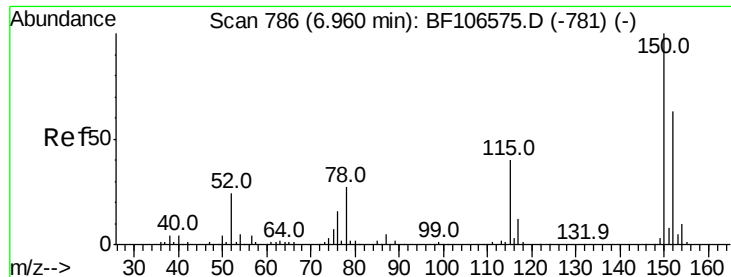
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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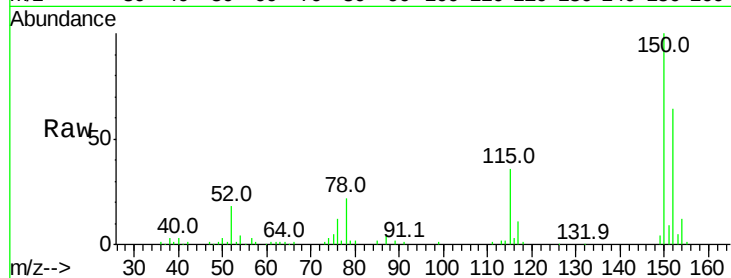


#1

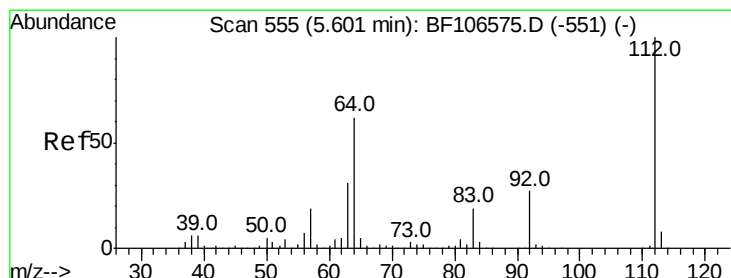
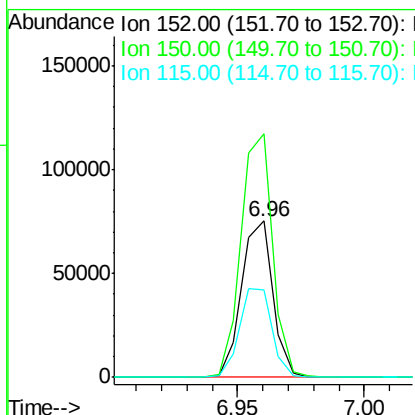
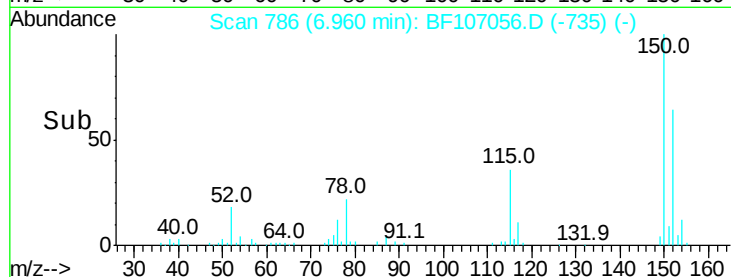
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64517
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 56.3 50.1 75.1



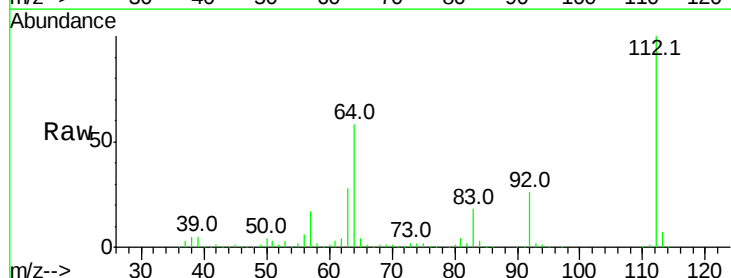
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



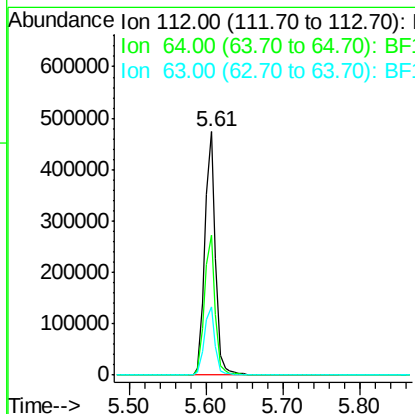
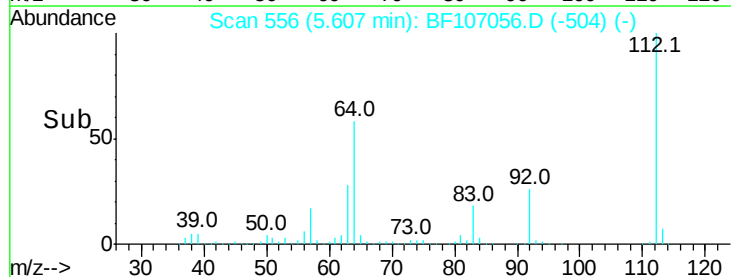
#5

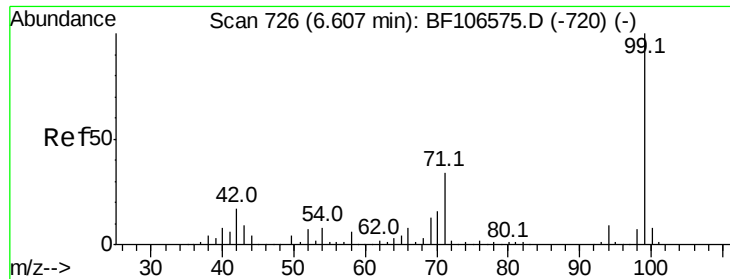
2-Fluorophenol
Concen: 119.601 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Tgt Ion:112 Resp: 455691
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.2 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: 123.822 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107056.D

Acq: 2 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

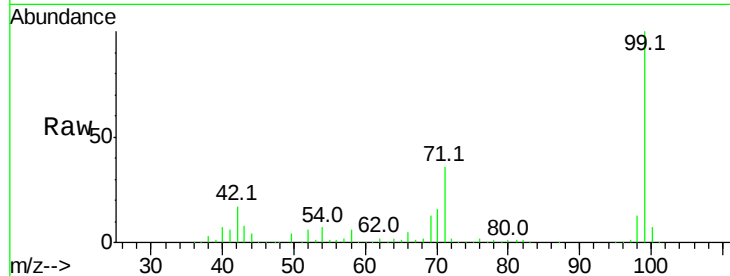
Tot Ion: 99 Resp: 589151

Ion Ratio Lower Upper

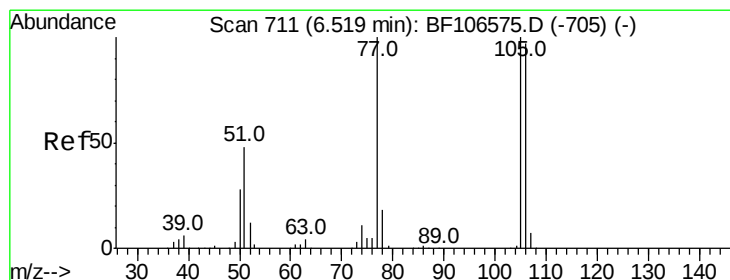
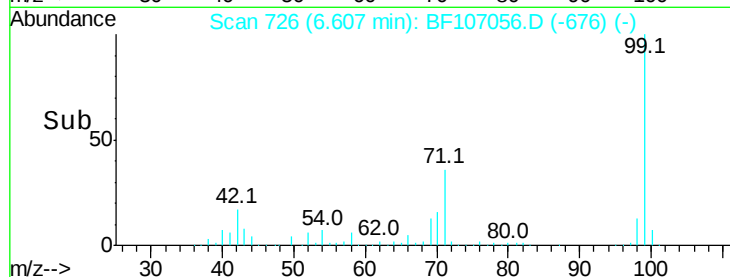
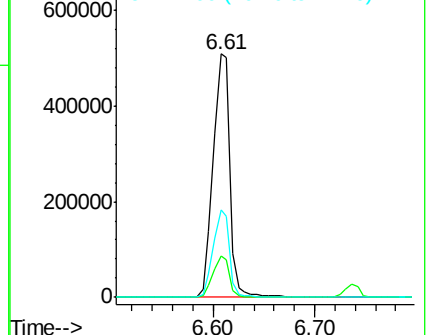
99 100

42 16.8 14.5 21.7

71 35.9 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: 2.490 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107056.D

Acq: 2 Jul 2018 20:39

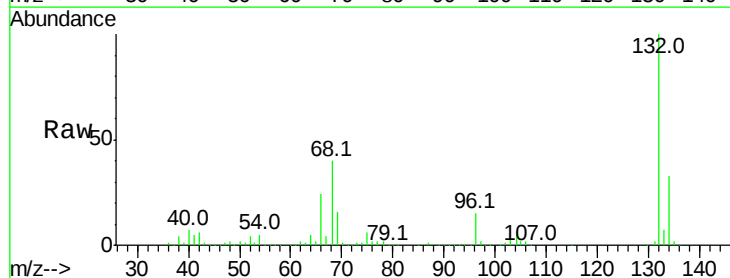
Tgt Ion: 77 Resp: 9986

Ion Ratio Lower Upper

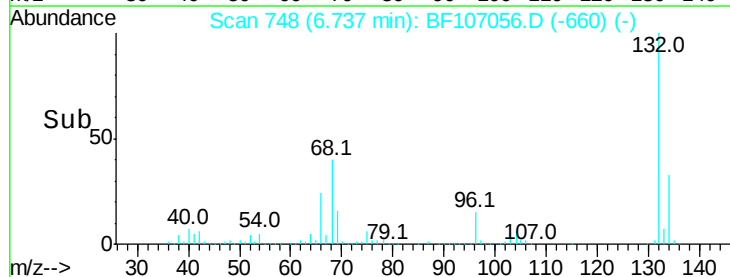
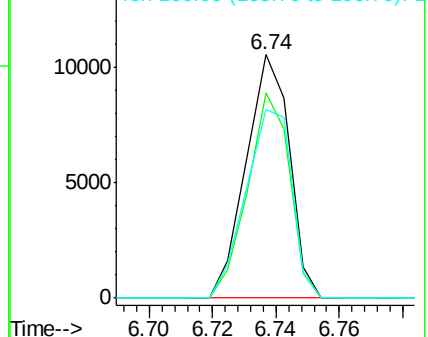
77 100

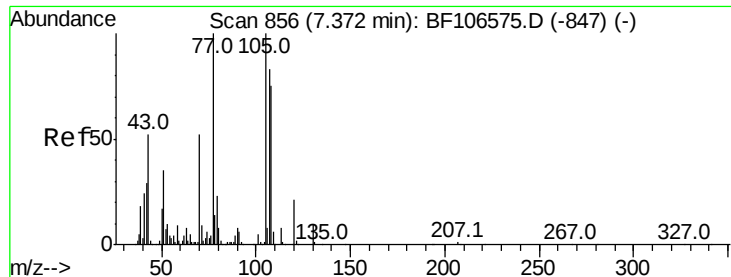
105 84.1 81.1 121.1

106 77.4 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

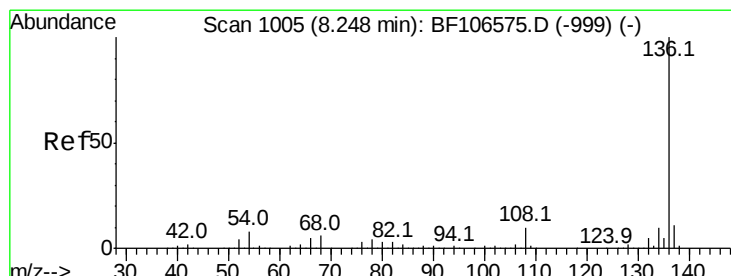
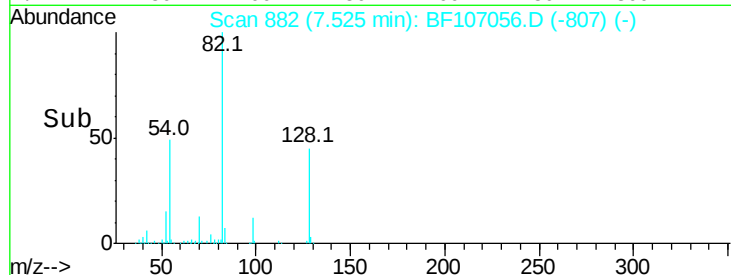
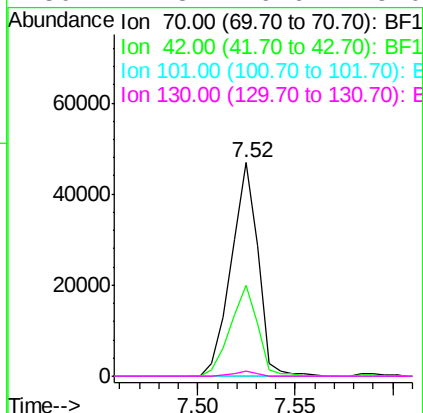
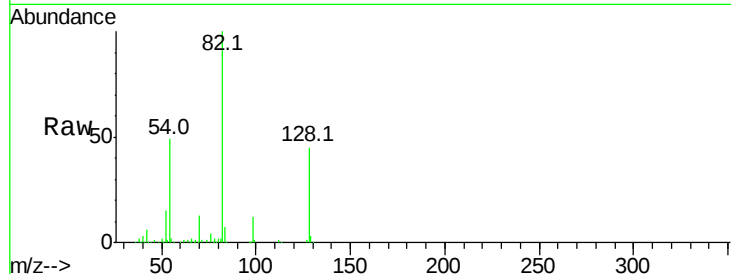




#19
n-Nitroso-di-n-propylamine
Concen: 14.286 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

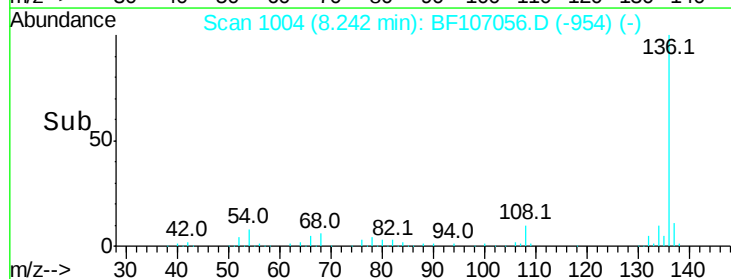
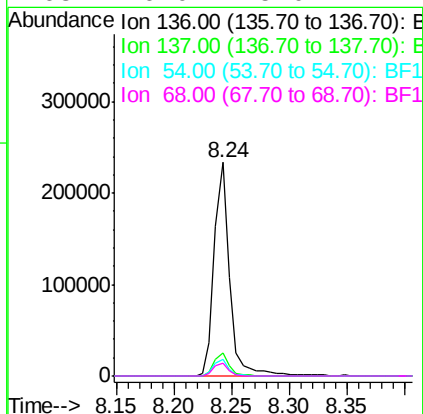
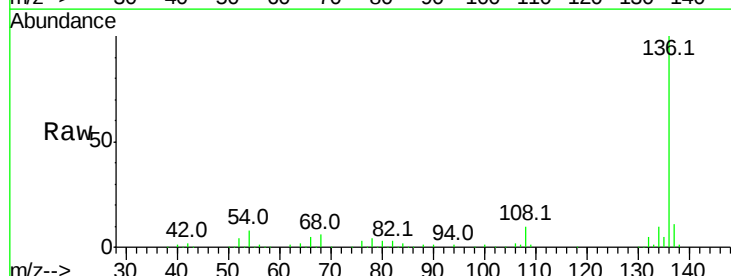
Instrument :
BNA_F
ClientSampleId :

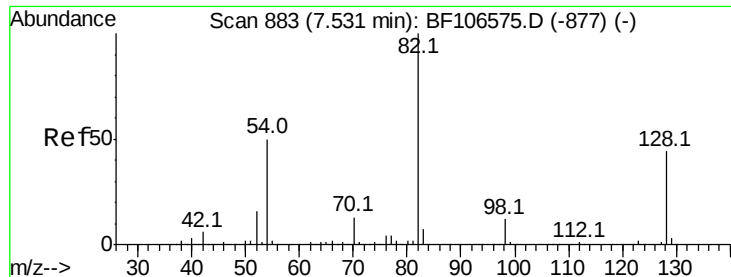
Tot Ion: 70 Resp: 44806
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Tgt Ion: 136 Resp: 218950
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.6 9.8
68 6.0 5.0 7.4

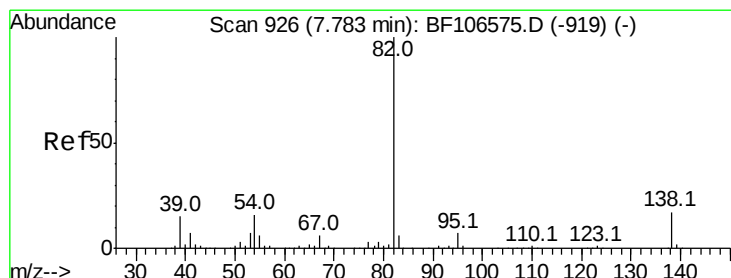
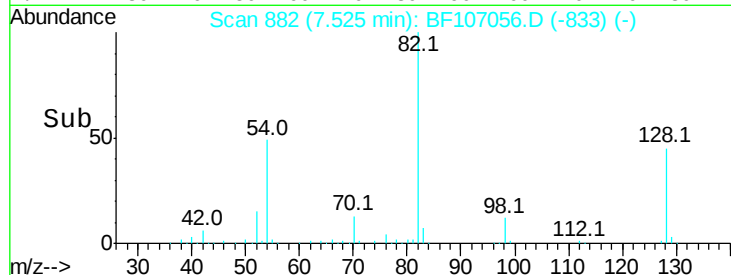
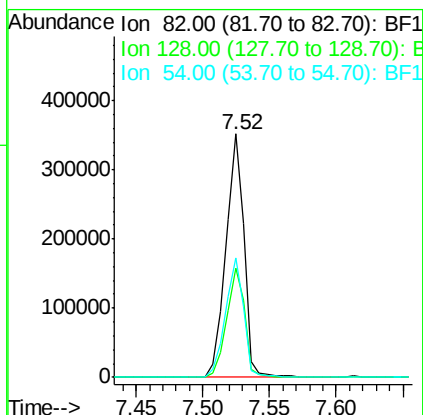
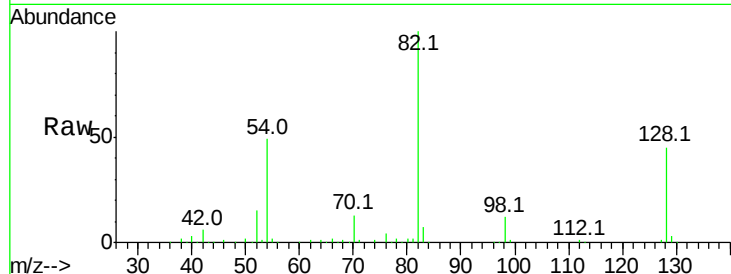




#23
Nitrobenzene-d5
Concen: 86.516 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

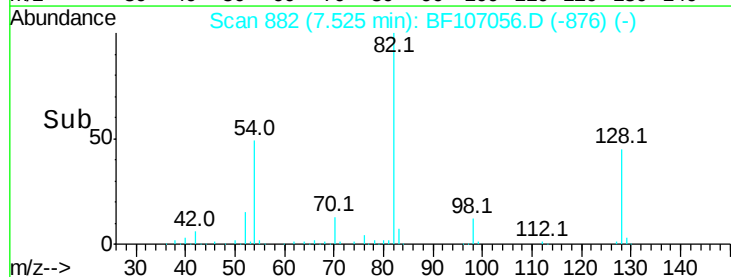
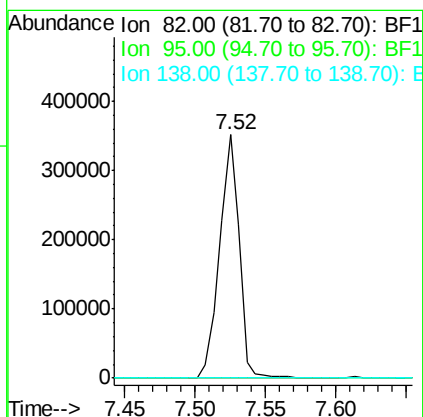
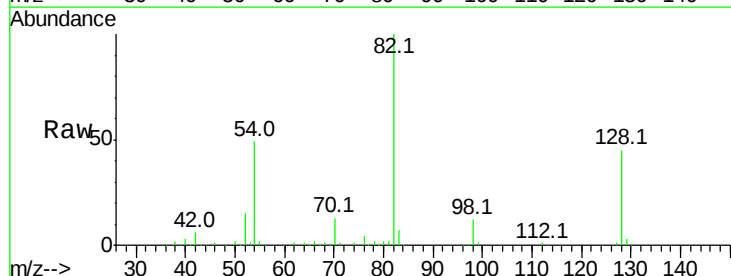
Instrument :
BNA_F
ClientSampled :

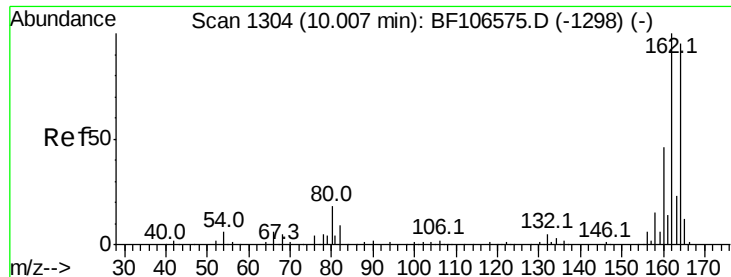
Tot Ion	82	Resp	340856
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	49.0	41.4	62.2



#25
Isophorone
Concen: 49.096 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Tgt Ion	82	Resp	340850
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107056.D

Acq: 2 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

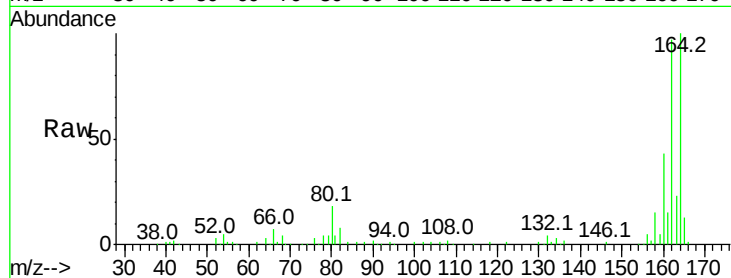
Tot Ion:164 Resp: 96360

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

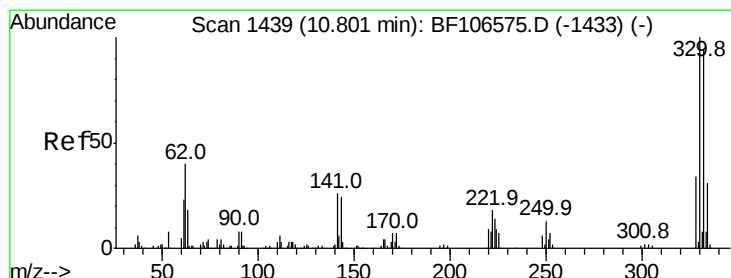
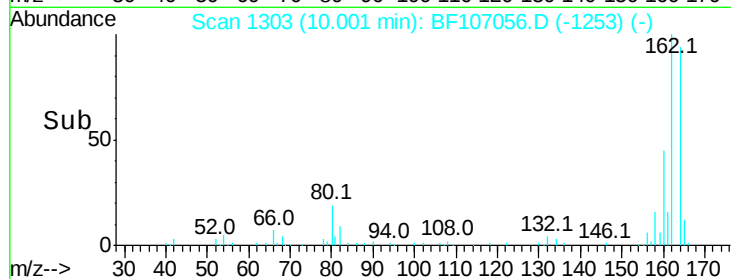
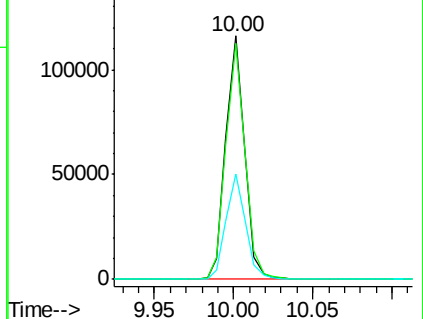
160 43.1 38.3 57.5



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: 122.254 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF107056.D

Acq: 2 Jul 2018 20:39

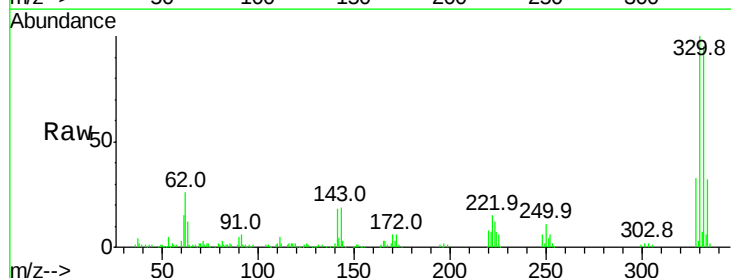
Tgt Ion:330 Resp: 136538

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

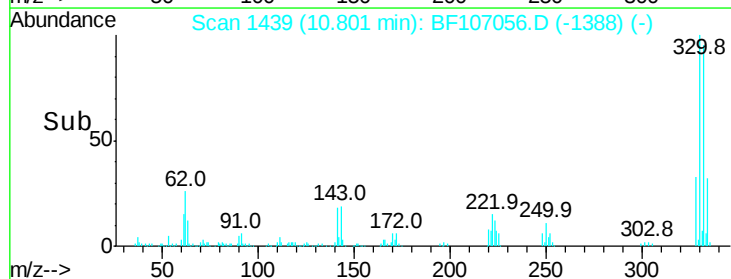
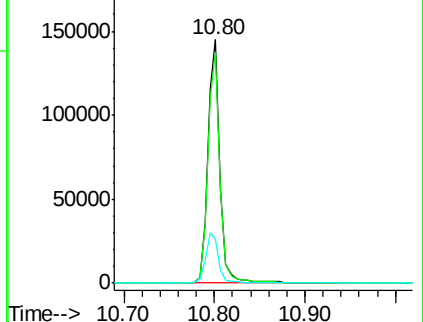
141 22.7 29.9 44.9#

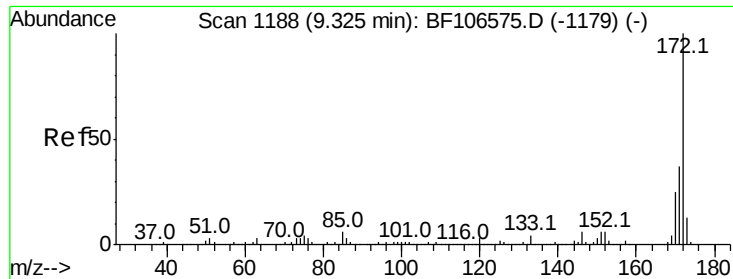


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

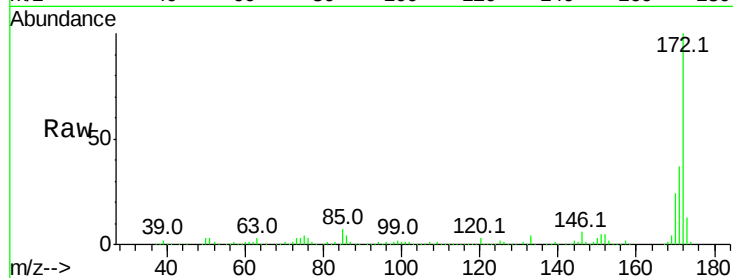




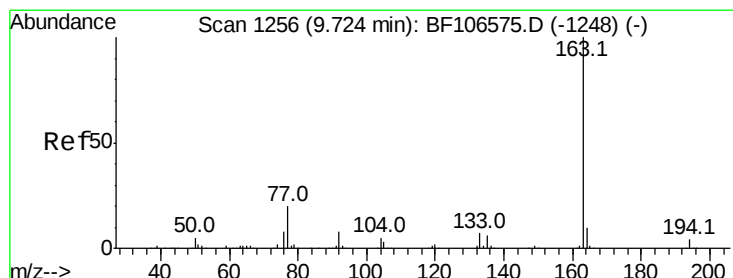
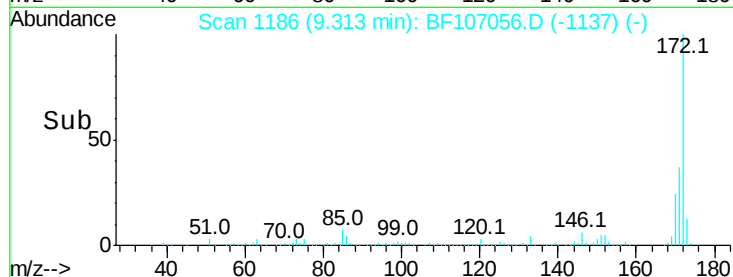
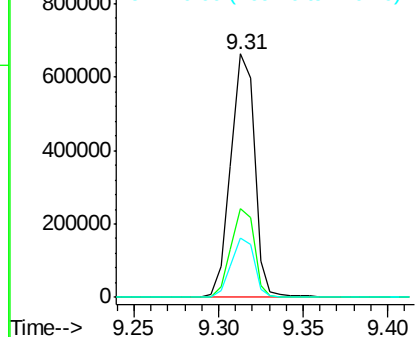
#44
2-Fluorobiphenyl
Concen: 120.650 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 651631
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

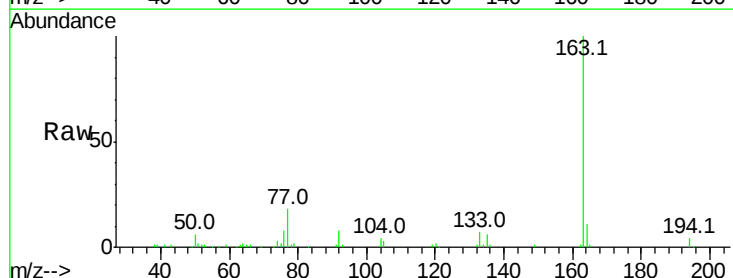


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

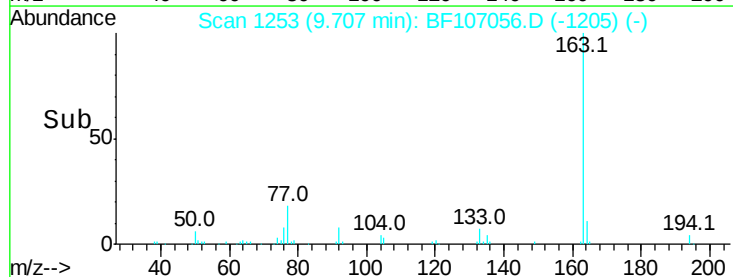
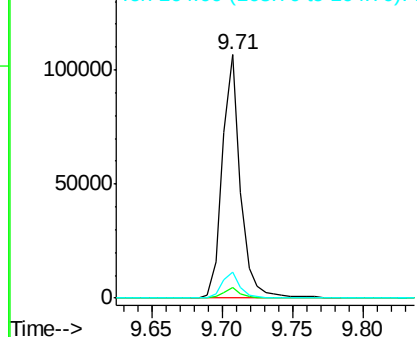


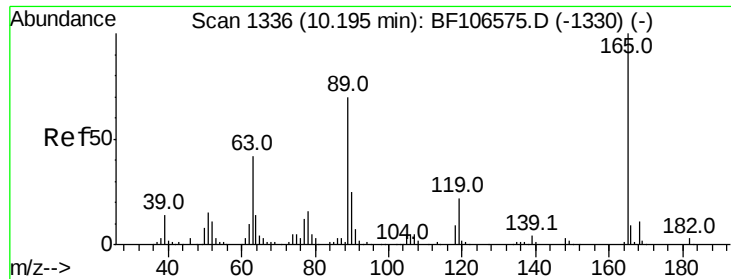
#49
Dimethylphthalate
Concen: 13.085 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Tgt Ion:163 Resp: 94570
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 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

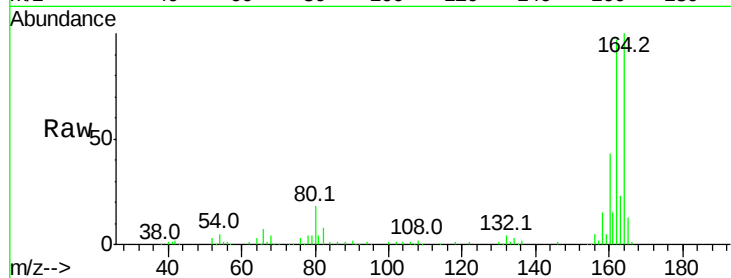




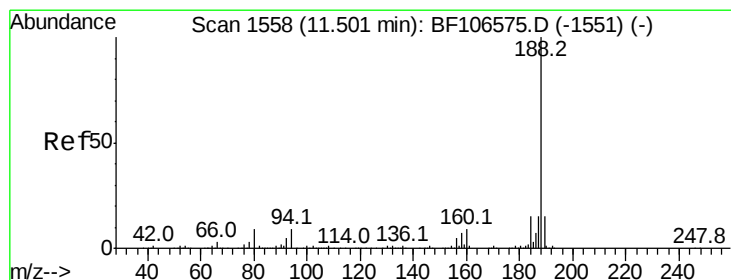
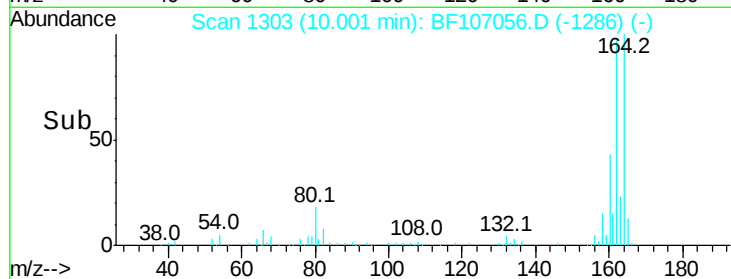
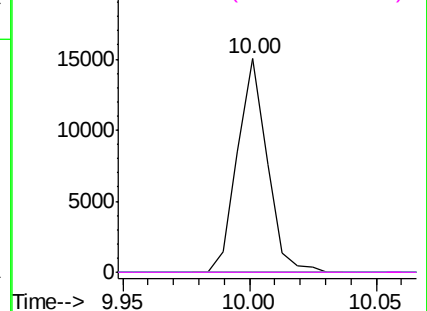
#56
 2,4-Dinitrotoluene
 Concen: 6.127 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107056.D
 Acq: 2 Jul 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12239
 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#

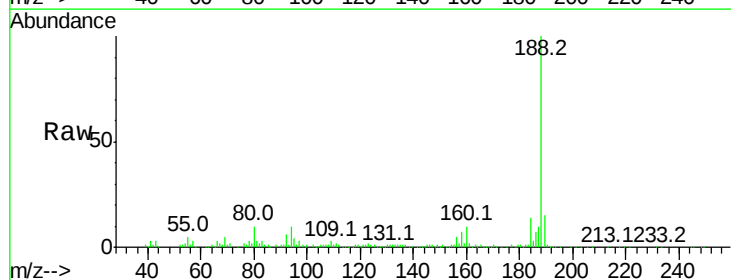


Abundance Ion 165.00 (164.70 to 165.70): E

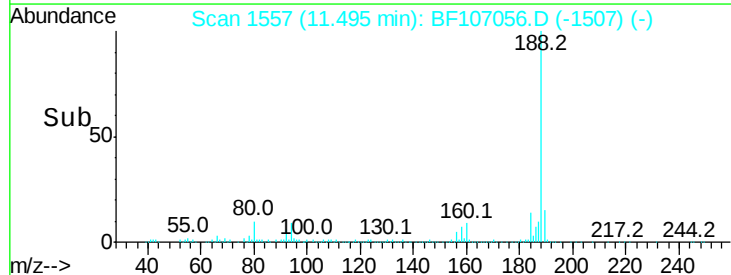
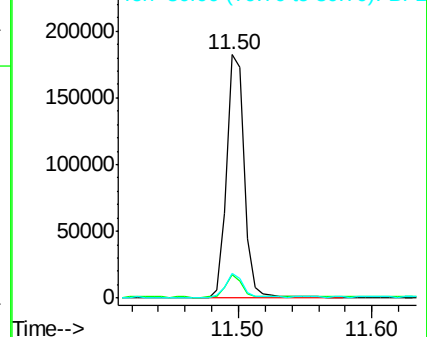


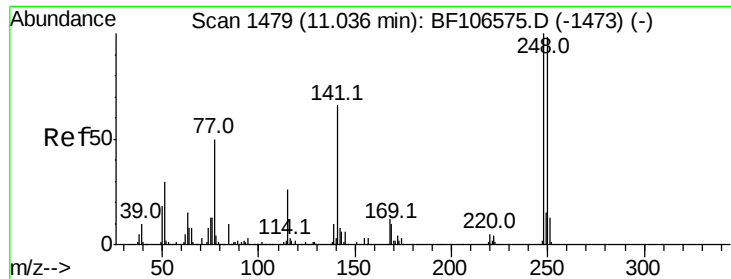
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107056.D
 Acq: 2 Jul 2018 20:39

Tgt Ion:188 Resp: 173475
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

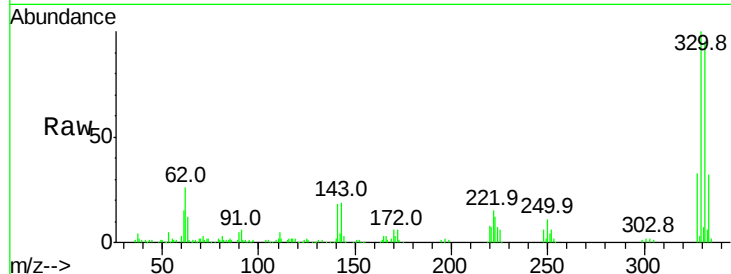




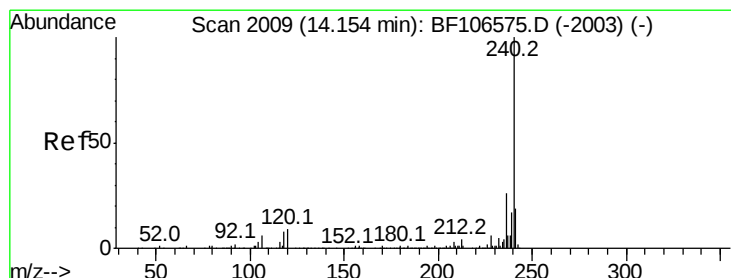
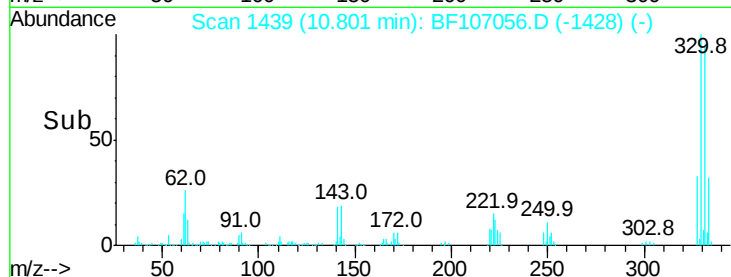
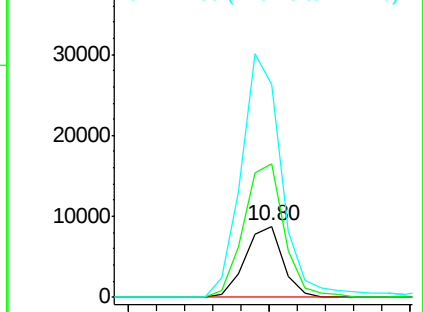
#66
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8127
Ion Ratio Lower Upper
248 100
250 187.4 76.9 115.3#
141 298.8 74.4 111.6#

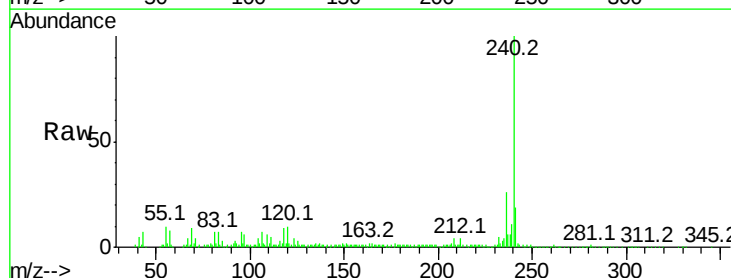


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

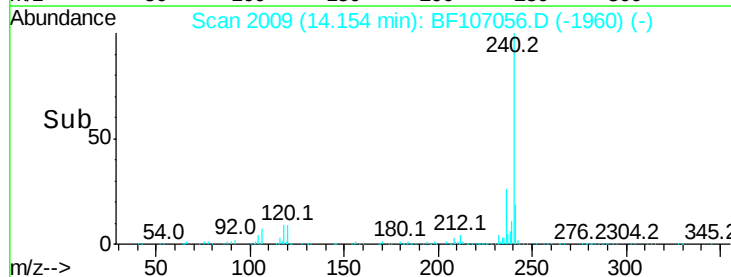
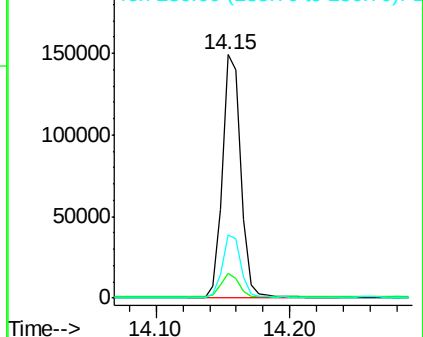


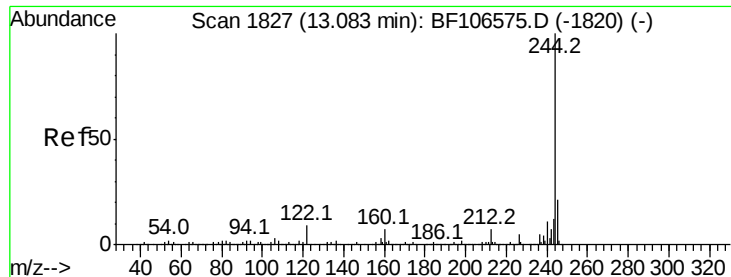
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107056.D
Acq: 2 Jul 2018 20:39

Tgt Ion:240 Resp: 147689
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 25.9 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: 110.688 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107056.D

Acq: 2 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

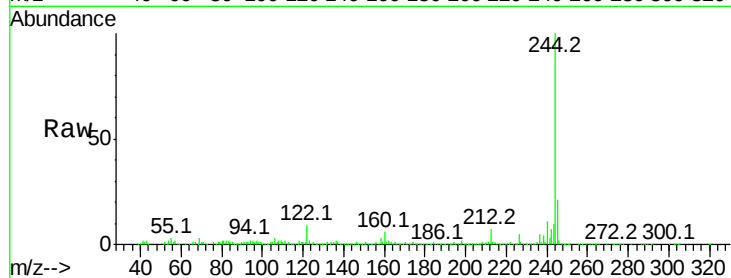
Tot Ion:244 Resp: 674874

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

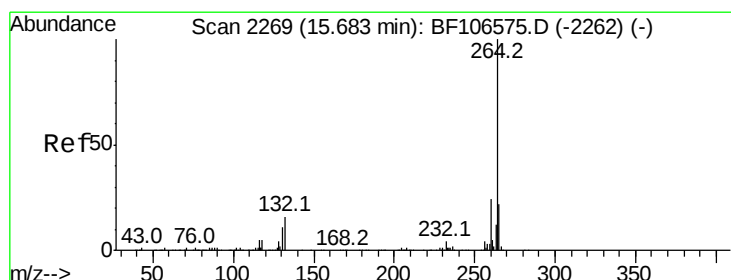
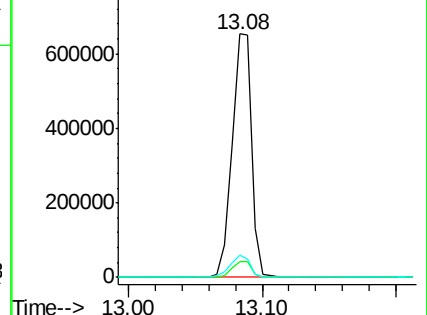
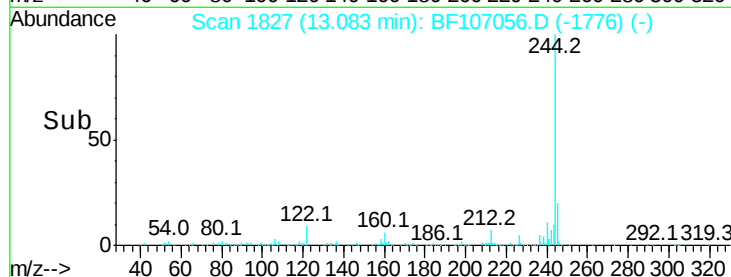
122 9.3 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF107056.D

Acq: 2 Jul 2018 20:39

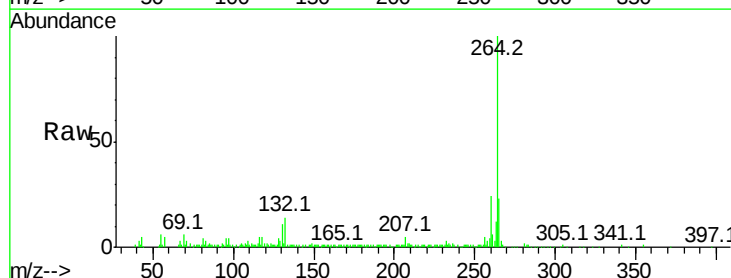
Tgt Ion:264 Resp: 107459

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.6 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

