

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107039.D
 Acq On : 2 Jul 2018 12:50
 Operator : JU/SJ
 Sample : J3761-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 256-CONCORD-COMP

Quant Time: Jul 02 13:53:24 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

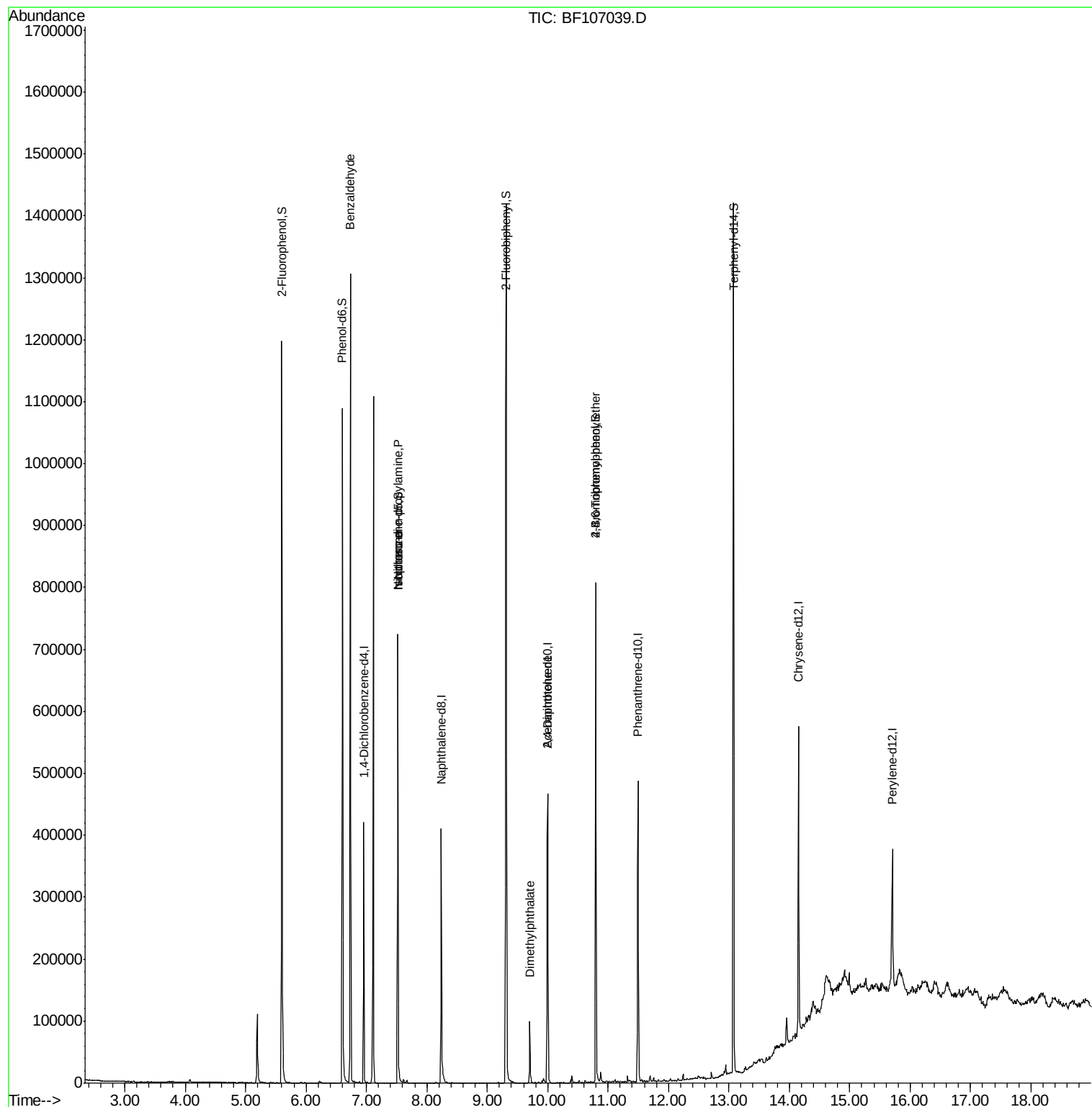
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59464	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	223815	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	103636	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	182487	20.00	ng	0.00
75) Chrysene-d12	14.15	240	189724	20.00	ng	-0.01
86) Perylene-d12	15.71	264	131113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	340469	96.95	ng	0.00
7) Phenol-d6	6.60	99	415174	94.67	ng	-0.01
23) Nitrobenzene-d5	7.52	82	251080	62.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	116867	97.29	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	466478	74.34	ng	-0.01
78) Terphenyl-d14	13.08	244	485710	62.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7451	2.028	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.52	70	32708	11.315	ng	# 71
25) Isophorone	7.52	82	251076	35.379	ng	# 64
49) Dimethylphthalate	9.71	163	48683	6.263	ng	99
56) 2,4-Dinitrotoluene	10.00	165	12976	6.040	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	7390	3.393	ng	# 1

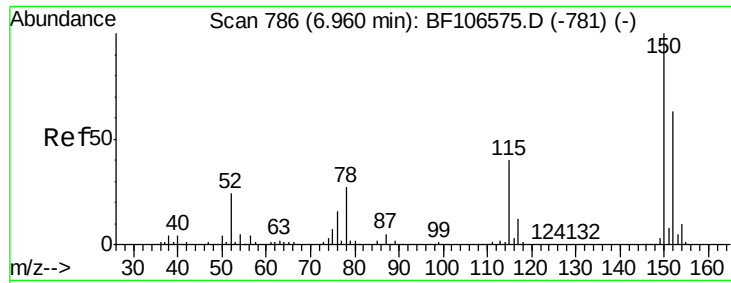
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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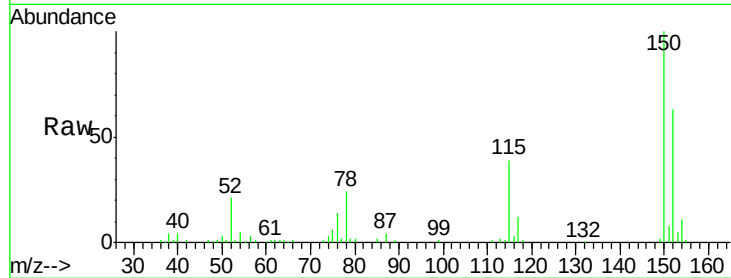


#1

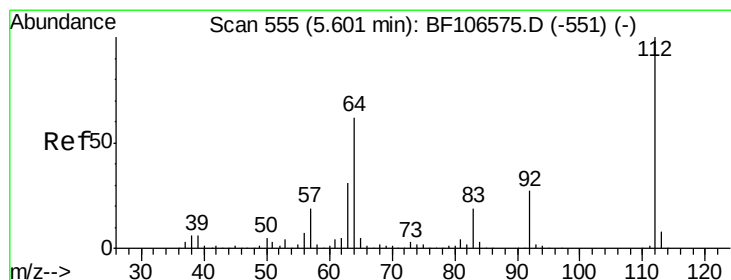
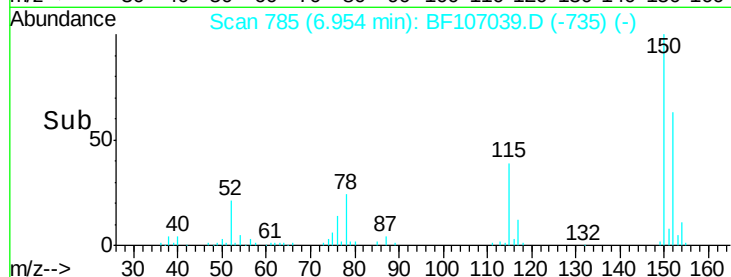
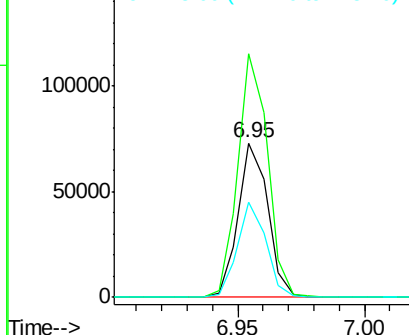
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107039.D
 Acq: 2 Jul 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 256-CONCORD-COMP

Tgt Ion:152 Resp: 59464
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 61.1 50.1 75.1



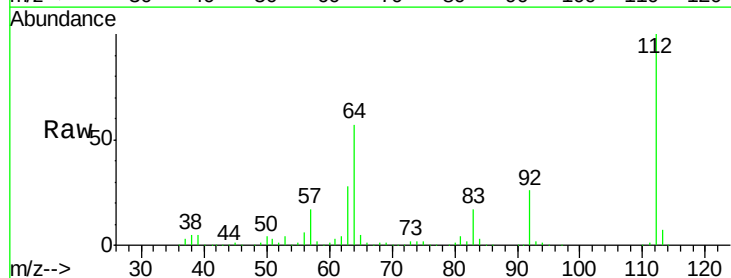
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



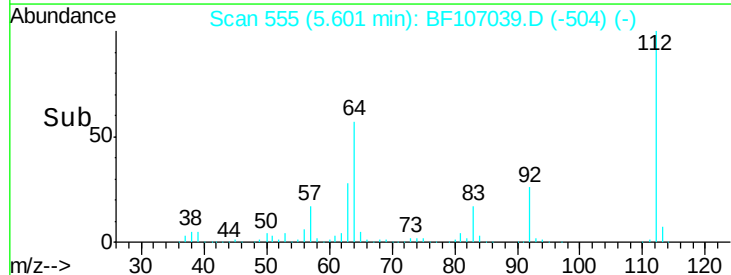
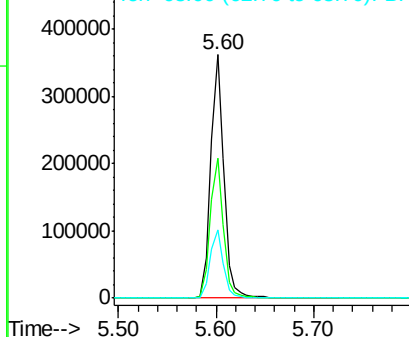
#5

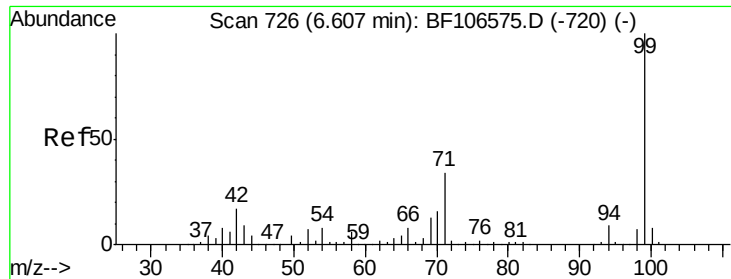
2-Fluorophenol
 Concen: 96.953 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF107039.D
 Acq: 2 Jul 2018 12:50

Tgt Ion:112 Resp: 340469
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.9 71.9
 63 28.1 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: 94.672 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107039.D

Acq: 2 Jul 2018 12:50

Instrument :

BNA_F

ClientSampleId :

256-CONCORD-COMP

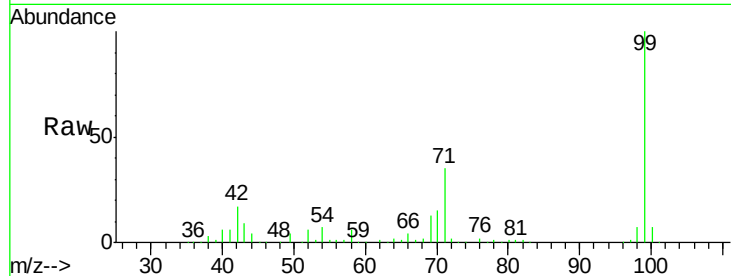
Tgt Ion: 99 Resp: 415174

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

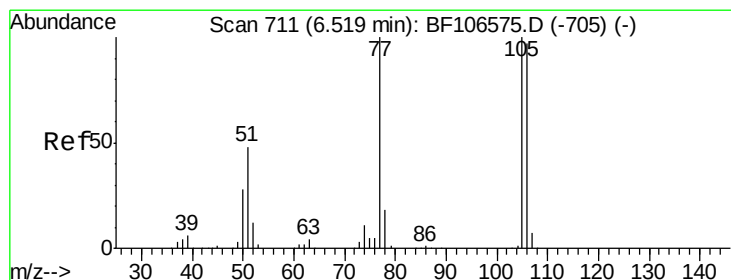
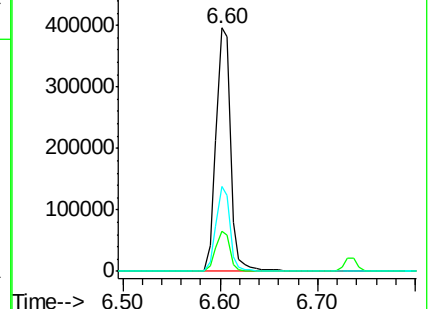
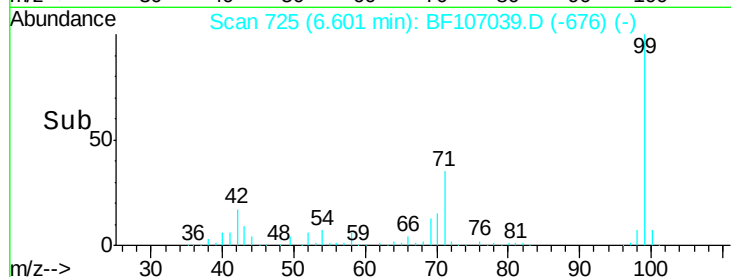
71 34.9 25.4 38.0



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: 2.028 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107039.D

Acq: 2 Jul 2018 12:50

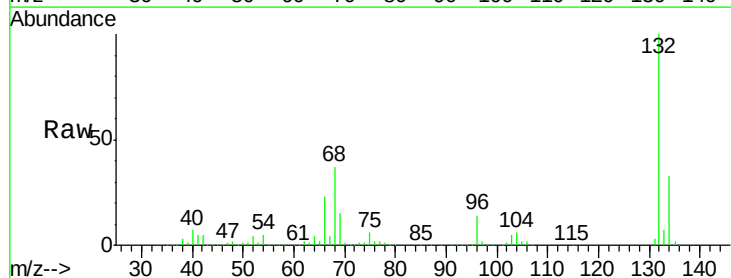
Tgt Ion: 77 Resp: 7451

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

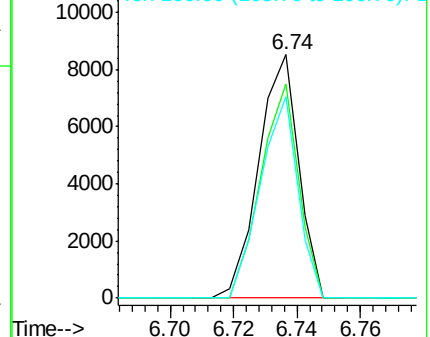
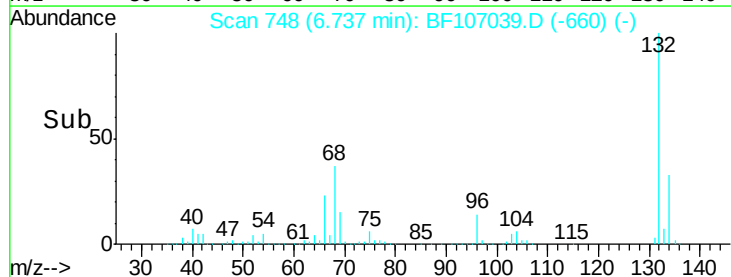
106 82.9 74.5 114.5

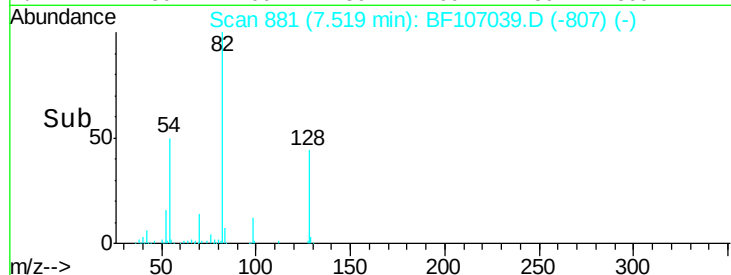
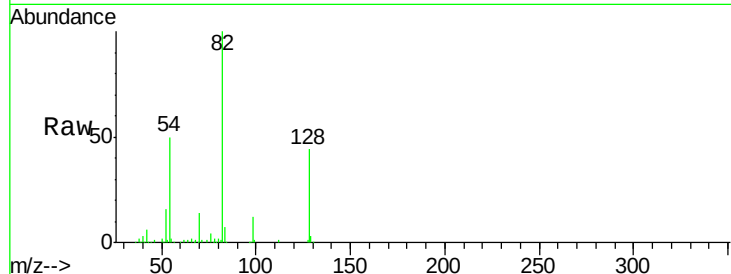
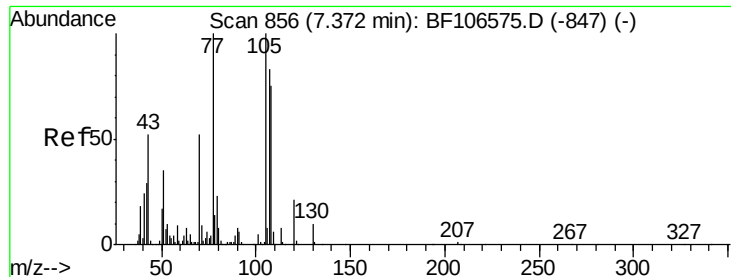


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

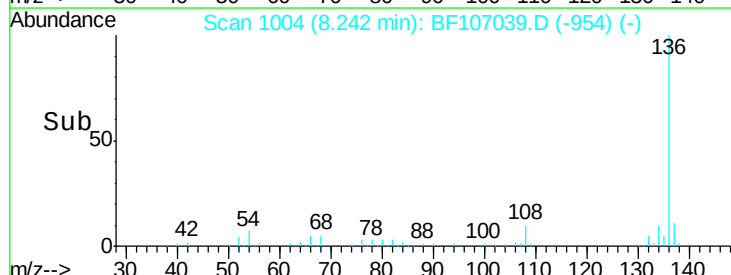
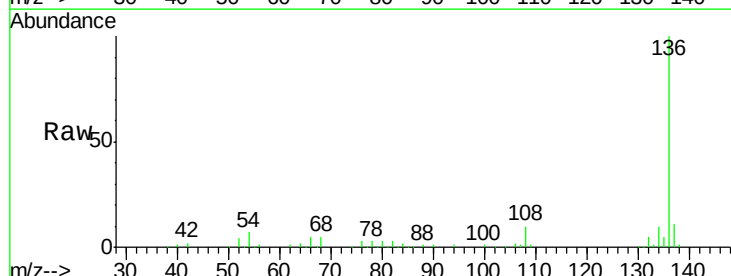
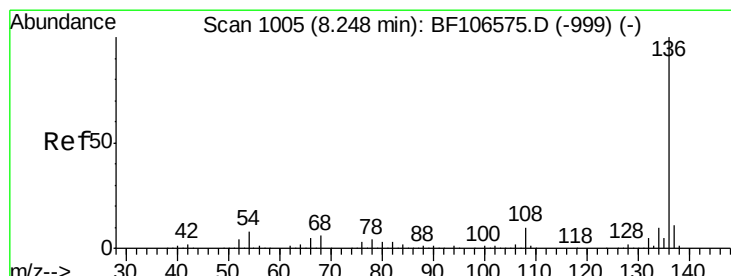
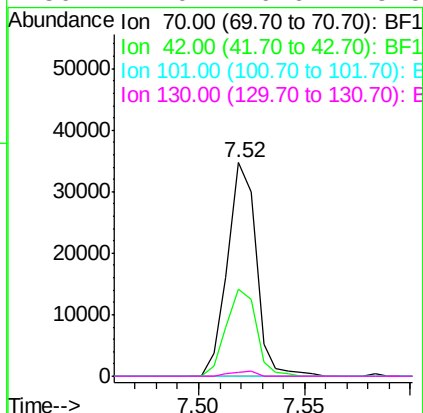




#19
n-Nitroso-di-n-propylamine
Concen: 11.315 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

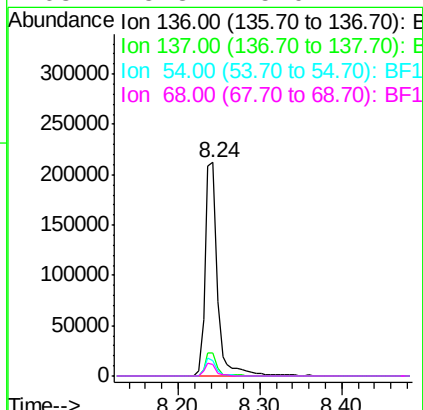
Instrument :
BNA_F
ClientSampleId :
256-CONCORD-COMP

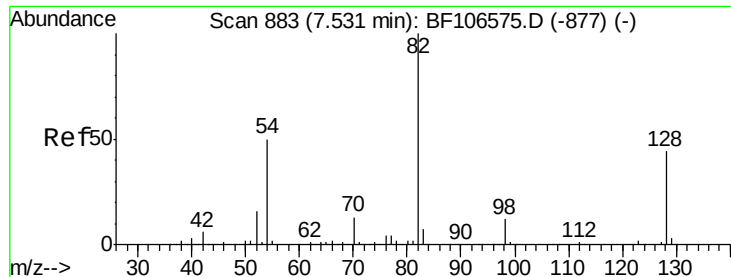
Tgt Ion: 70 Resp: 32708
Ion Ratio Lower Upper
70 100
42 40.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

Tgt Ion: 136 Resp: 223815
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.2 6.6 9.8
68 5.3 5.0 7.4

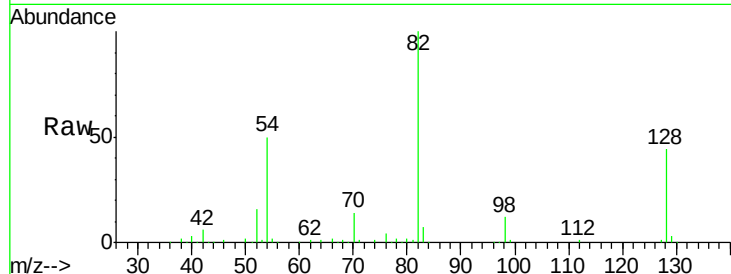




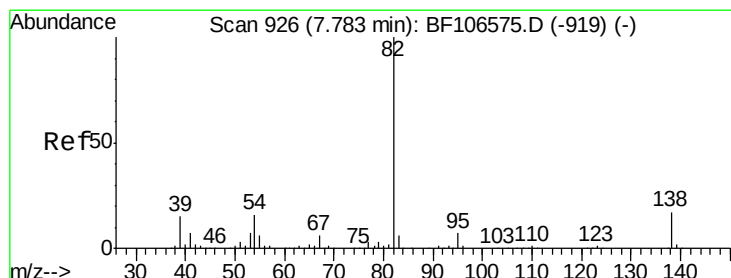
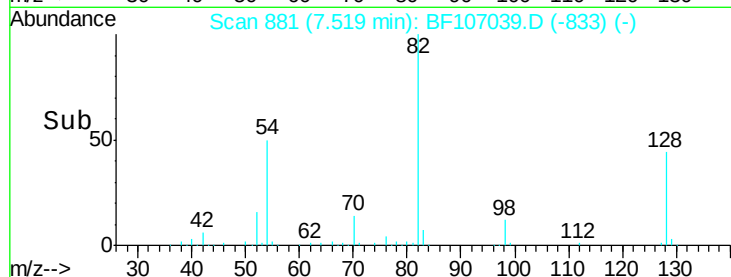
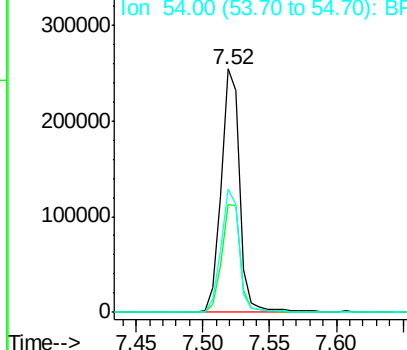
#23
 Nitrobenzene-d5
 Concen: 62.343 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107039.D
 Acq: 2 Jul 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 256-CONCORD-COMP

Tgt Ion: 82 Resp: 251080
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 50.4 41.4 62.2

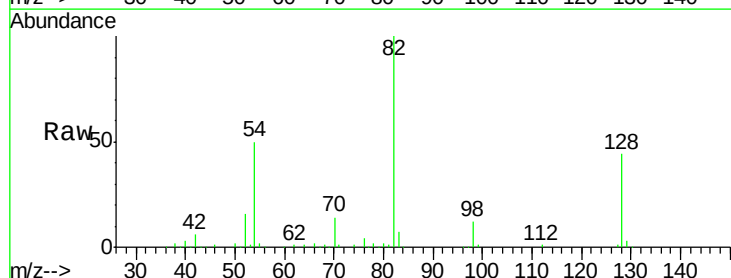


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

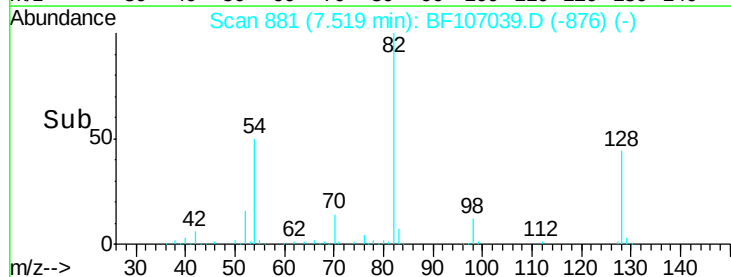
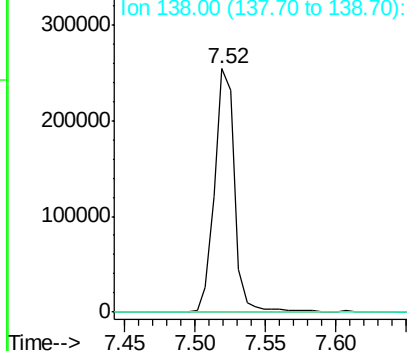


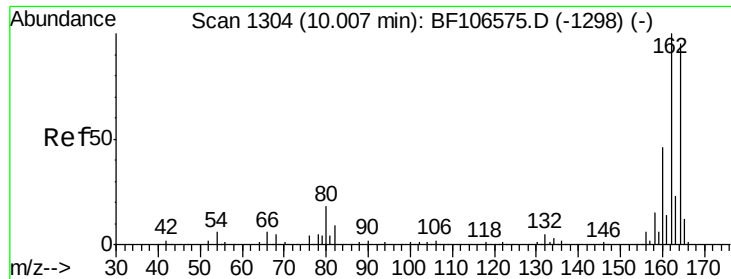
#25
 Isophorone
 Concen: 35.379 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF107039.D
 Acq: 2 Jul 2018 12:50

Tgt Ion: 82 Resp: 251076
 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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107039.D

Acq: 2 Jul 2018 12:50

Instrument :

BNA_F

ClientSampleId :

256-CONCORD-COMP

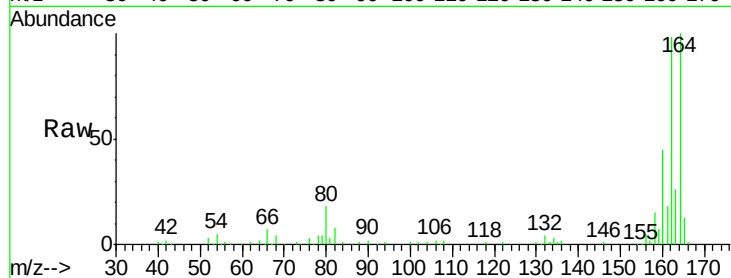
Tgt Ion:164 Resp: 103636

Ion Ratio Lower Upper

164 100

162 98.4 86.1 129.1

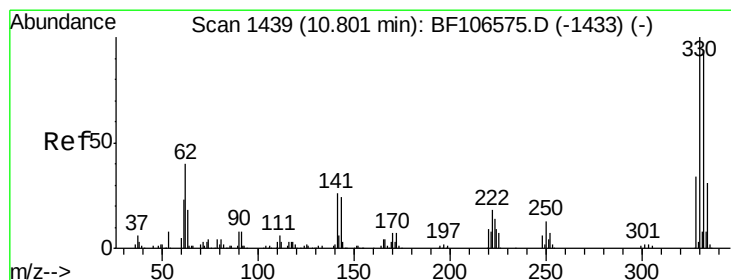
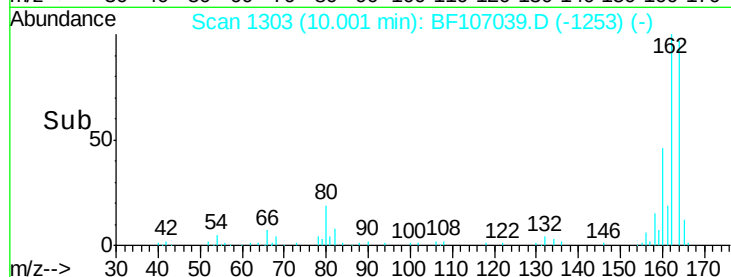
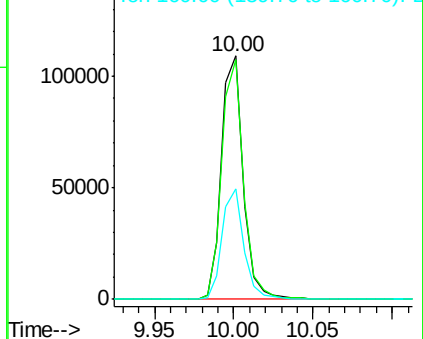
160 45.3 38.3 57.5



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: 97.294 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107039.D

Acq: 2 Jul 2018 12:50

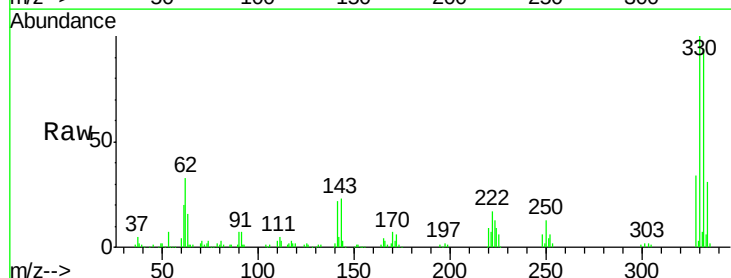
Tgt Ion:330 Resp: 116867

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

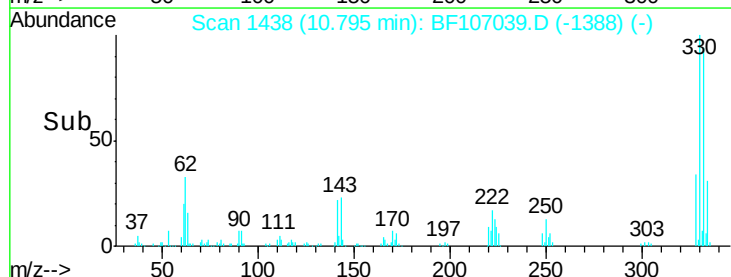
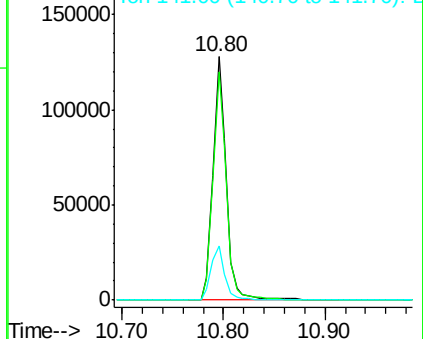
141 23.1 29.9 44.9#

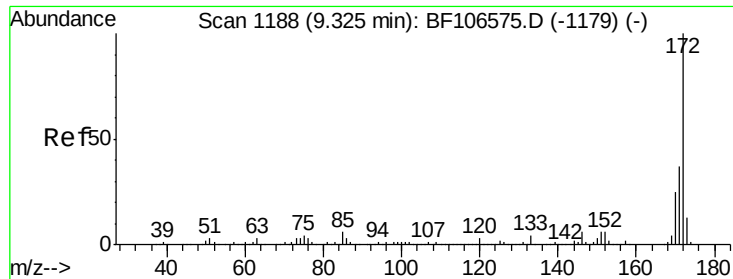


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

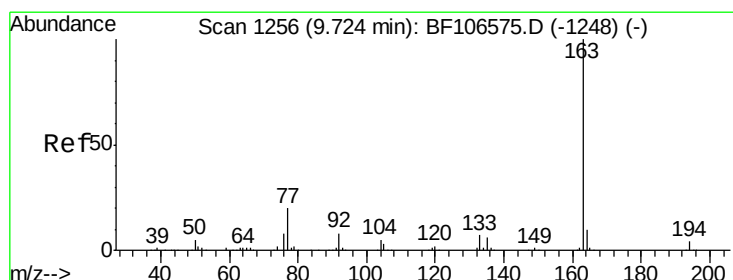
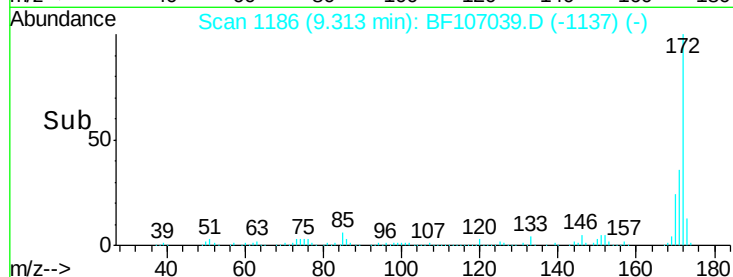
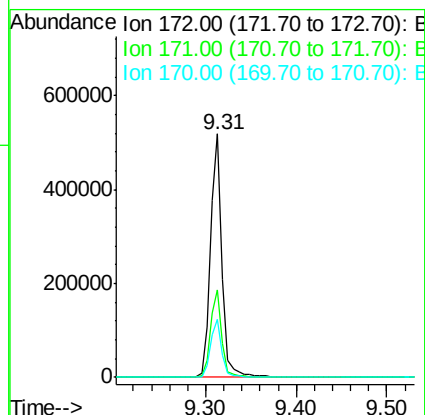
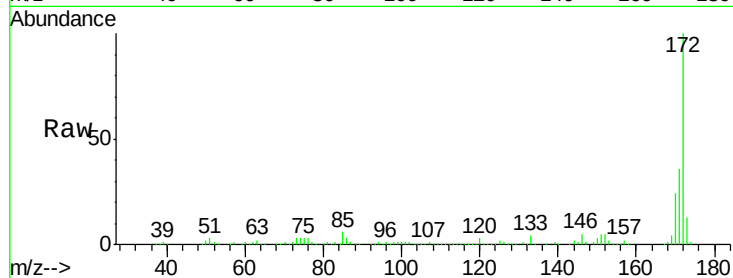




#44
2-Fluorobiphenyl
Concen: 74.337 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

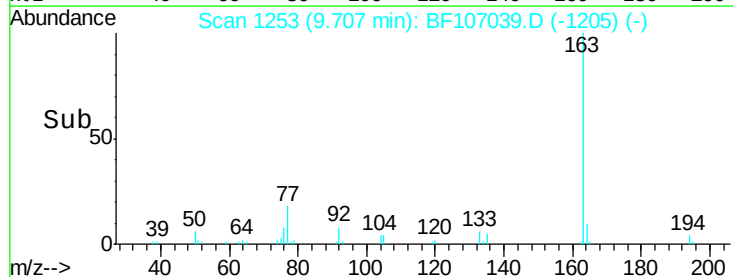
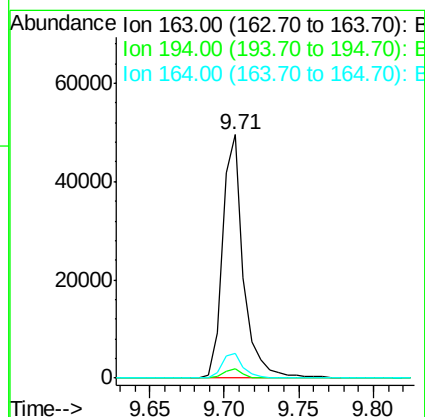
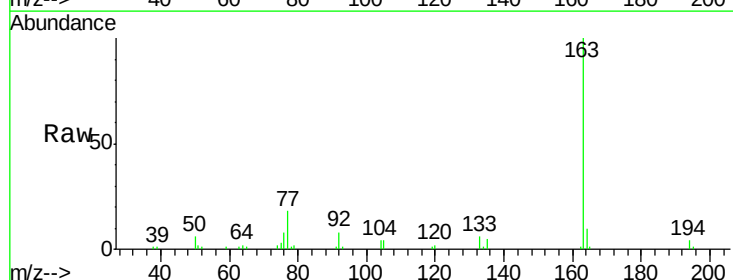
Instrument :
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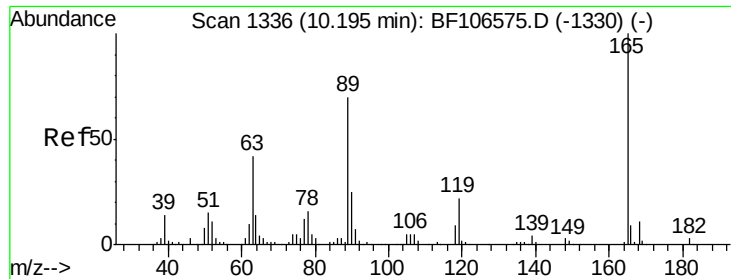
Tgt Ion:172 Resp: 466478
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 6.263 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

Tgt Ion:163 Resp: 48683
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.4 8.2 12.2

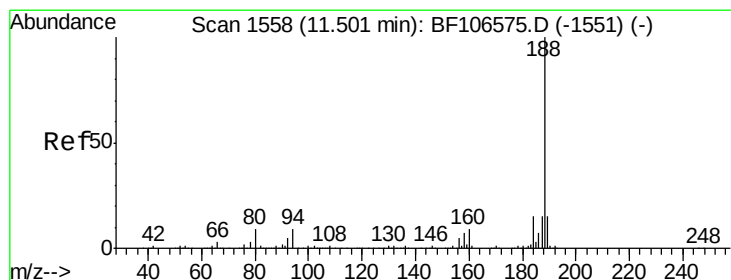
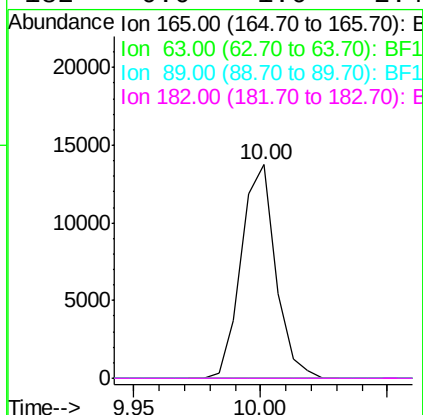
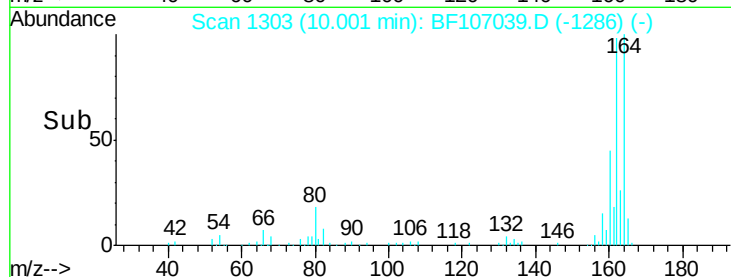
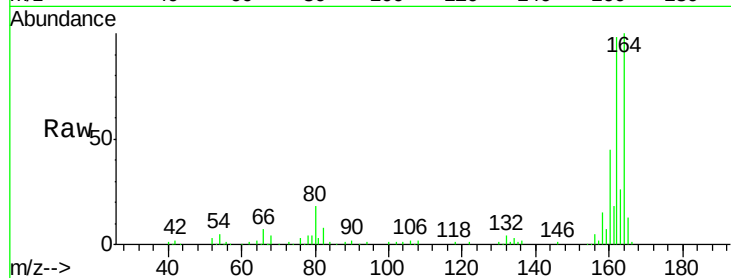




#56
2,4-Dinitrotoluene
Concen: 6.040 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

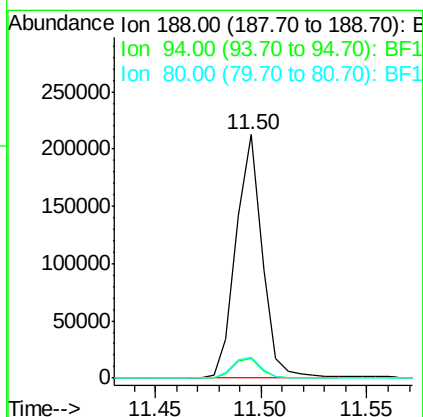
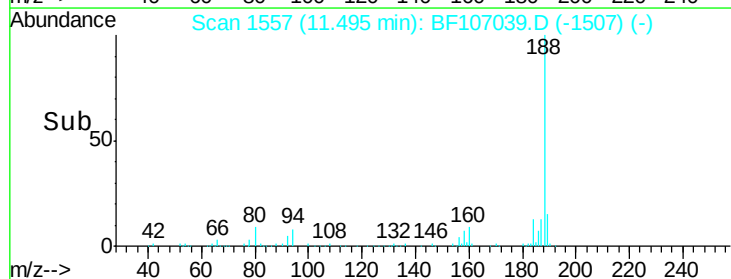
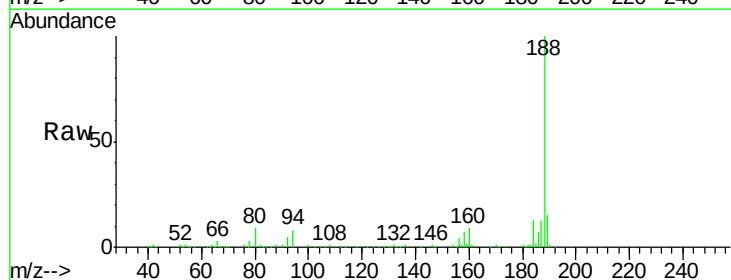
Instrument :
BNA_F
ClientSampleId :
256-CONCORD-COMP

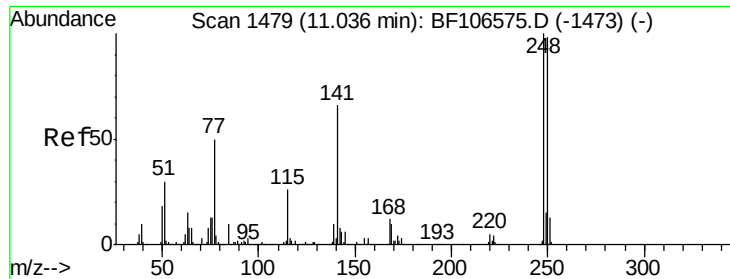
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.6	9.2	13.8#

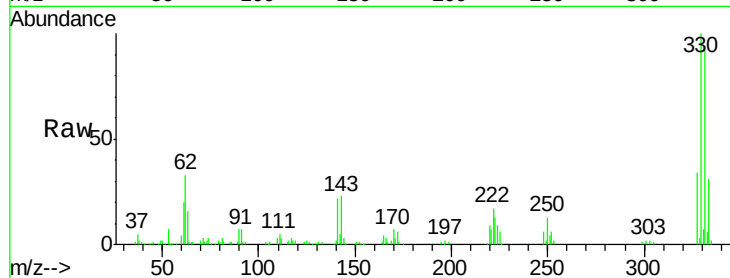




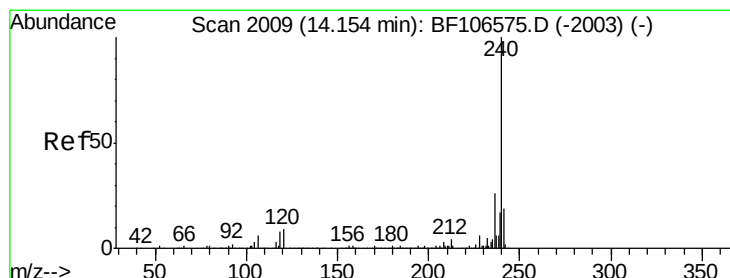
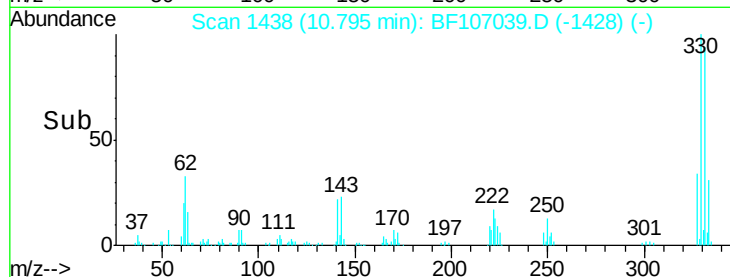
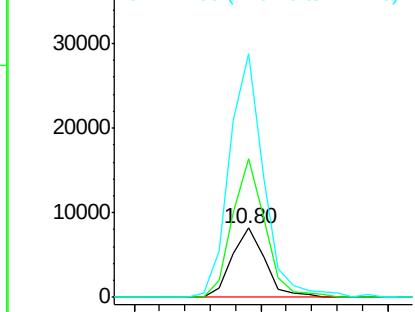
#66
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

Instrument :
BNA_F
ClientSampleId :
256-CONCORD-COMP

Tgt Ion:248 Resp: 7390
Ion Ratio Lower Upper
248 100
250 199.4 76.9 115.3#
141 351.5 74.4 111.6#

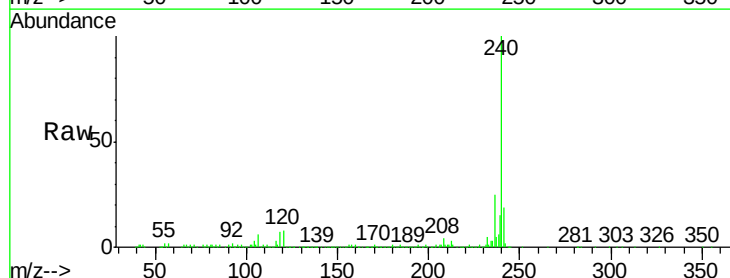


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

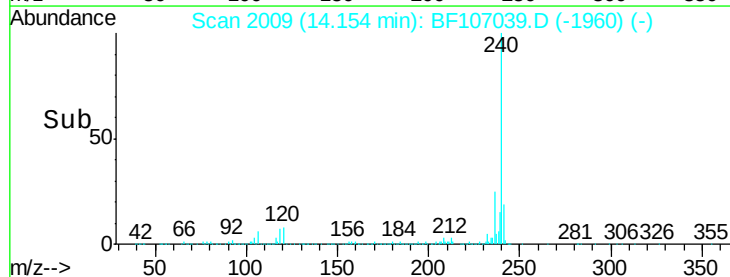
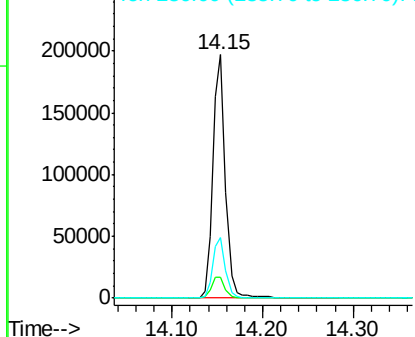


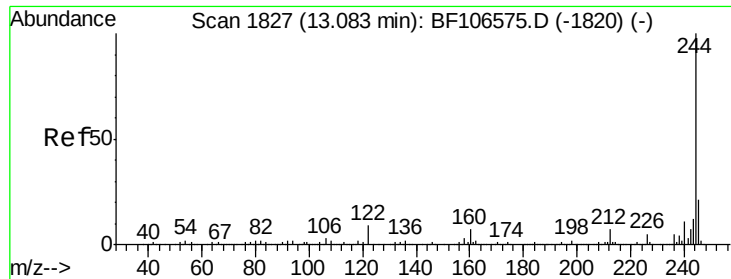
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107039.D
Acq: 2 Jul 2018 12:50

Tgt Ion:240 Resp: 189724
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.1 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: 62.013 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107039.D

Acq: 2 Jul 2018 12:50

Instrument :

BNA_F

ClientSampleId :

256-CONCORD-COMP

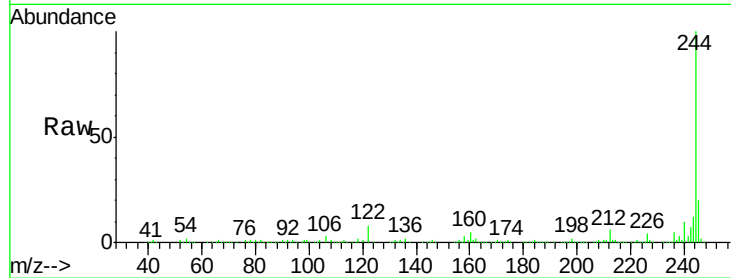
Tgt Ion:244 Resp: 485710

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

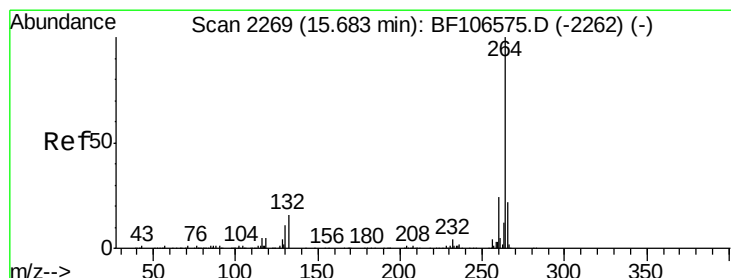
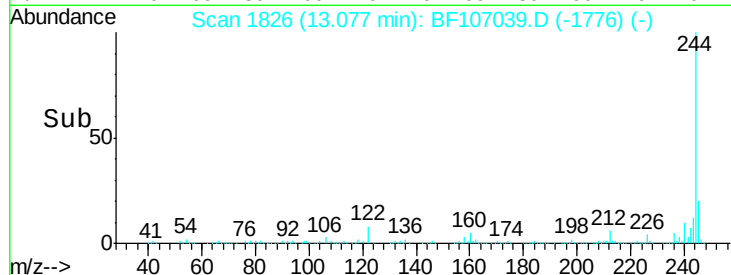
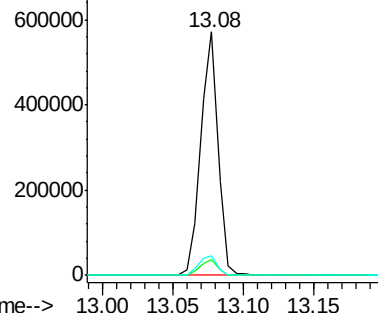
122 8.1 11.0 16.4#



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: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107039.D

Acq: 2 Jul 2018 12:50

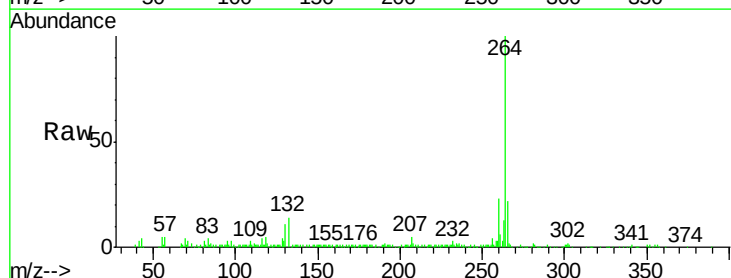
Tgt Ion:264 Resp: 131113

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.7 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

