

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106753.D
 Acq On : 23 Jun 2018 11:42
 Operator : JU/SJ
 Sample : J3597-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Jun 25 01:19:29 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 22 11:34:03 2018
 Response via : Initial Calibration

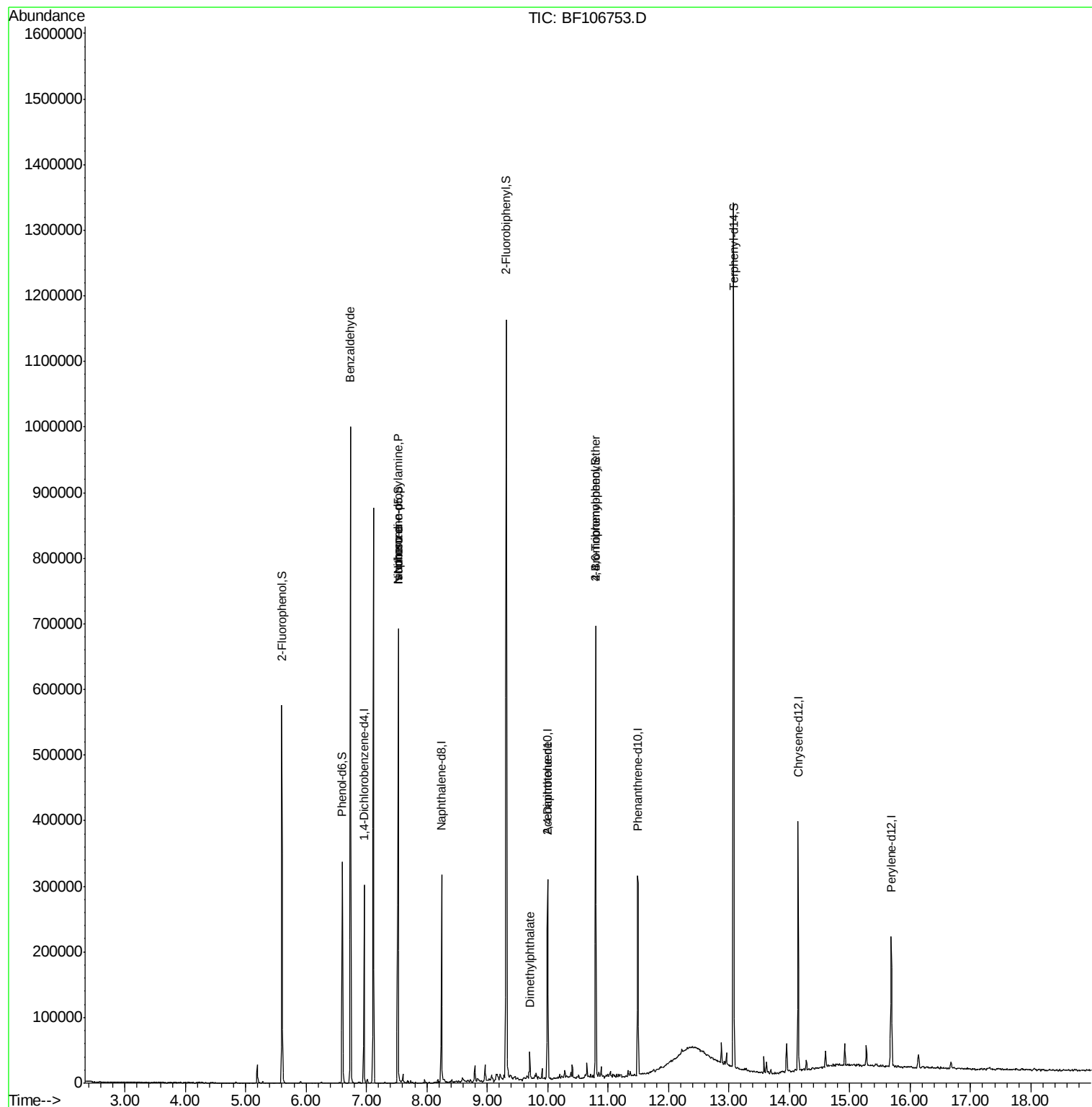
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	43611	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	142218	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	59822	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	119067	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	135758	20.00	ng	0.00
86) Perylene-d12	15.69	264	95488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	153702	59.68	ng	0.00
7) Phenol-d6	6.60	99	113709	35.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	231000	90.27	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	96712	139.48	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	385548	114.15	ng	-0.01
78) Terphenyl-d14	13.08	244	488976	87.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	5797	2.147	ng	# 80
19) n-Nitroso-di-n-propylamine	7.52	70	30342	14.312	ng	# 73
25) Isophorone	7.52	82	230998	51.225	ng	# 64
49) Dimethylphthalate	9.71	163	16306	3.634	ng	# 95
56) 2,4-Dinitrotoluene	10.00	165	7614	6.140	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6088	4.284	ng	# 1

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

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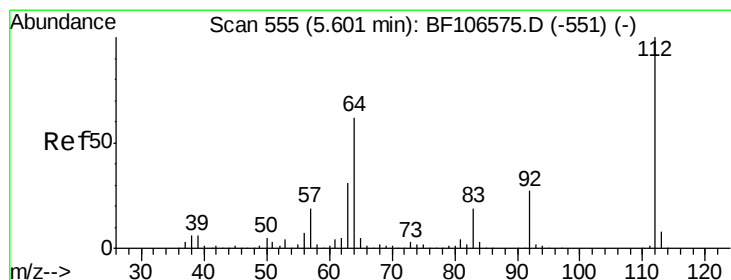
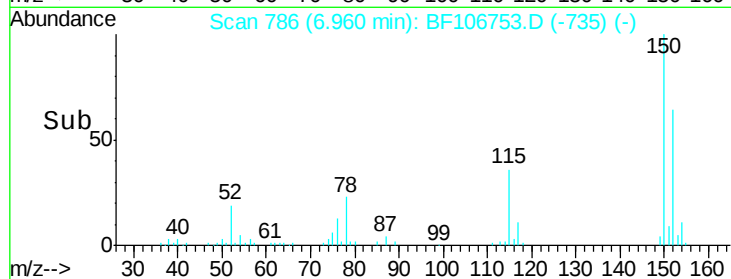
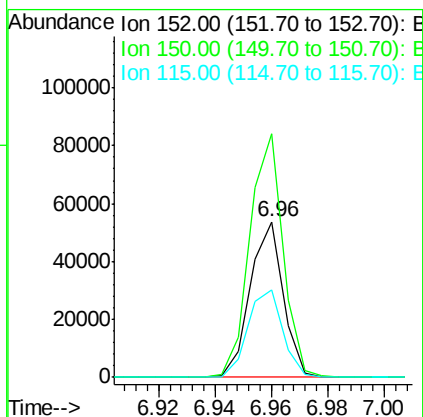
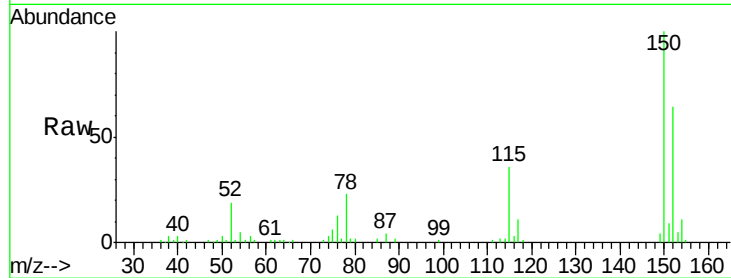


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Instrument :
BNA_F
ClientSampled :
W-21

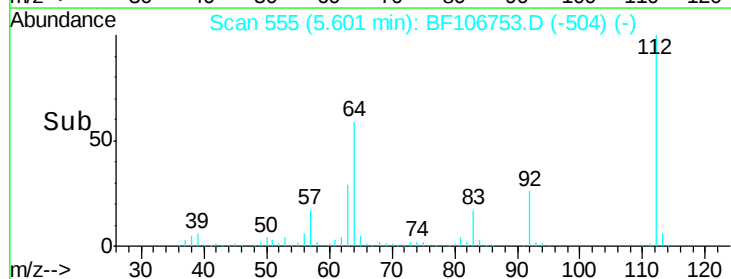
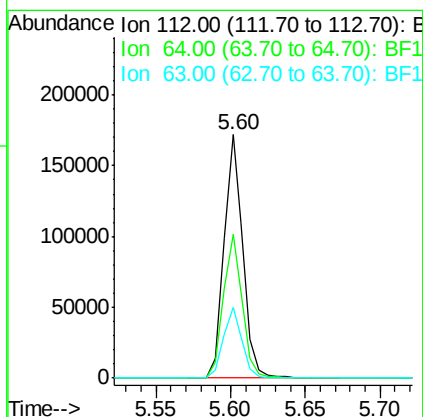
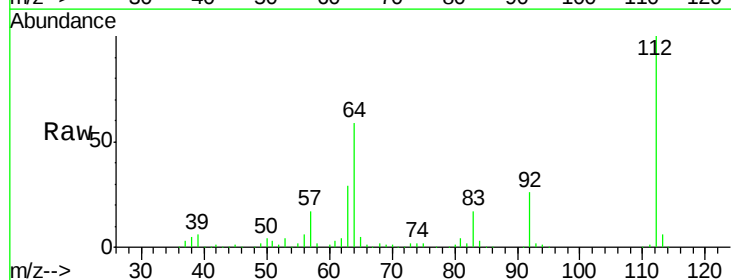
Tgt Ion:152 Resp: 43611
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 56.6 50.1 75.1



#5

2-Fluorophenol
Concen: 59.679 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Tgt Ion:112 Resp: 153702
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 28.9 23.7 35.5





#7

Phenol-d6

Concen: 35.354 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106753.D

Acq: 23 Jun 2018 11:42

Instrument :

BNA_F

ClientSampleId :

W-21

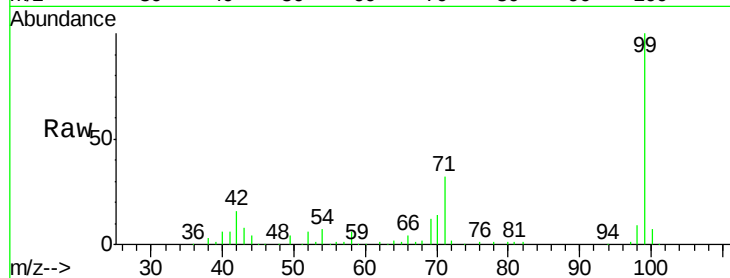
Tgt Ion: 99 Resp: 113709

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

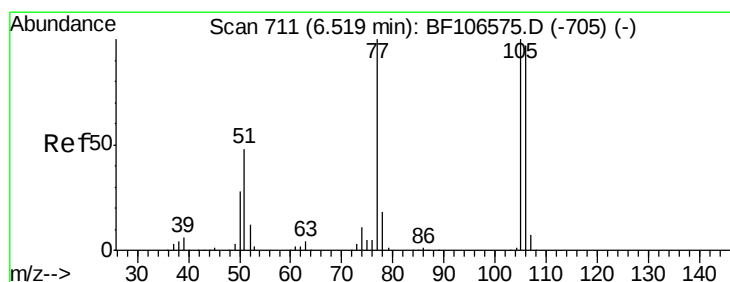
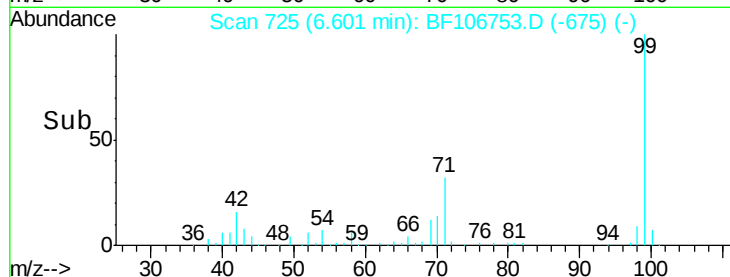
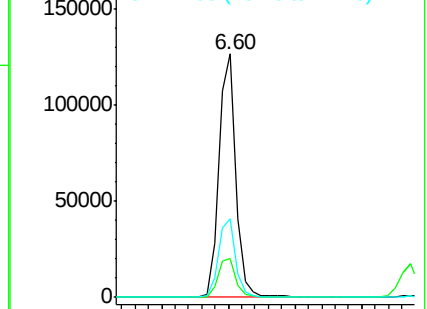
71 32.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.147 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106753.D

Acq: 23 Jun 2018 11:42

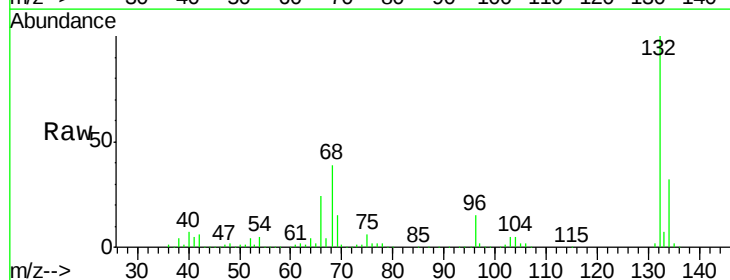
Tgt Ion: 77 Resp: 5797

Ion Ratio Lower Upper

77 100

105 77.1 81.1 121.1#

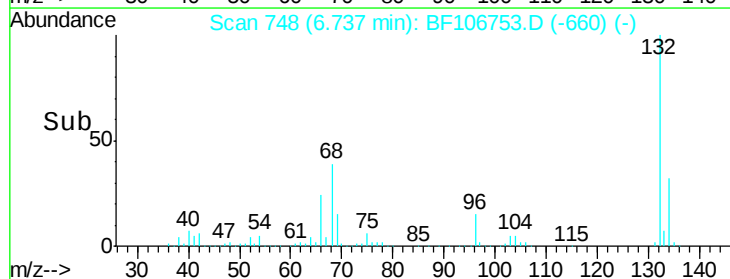
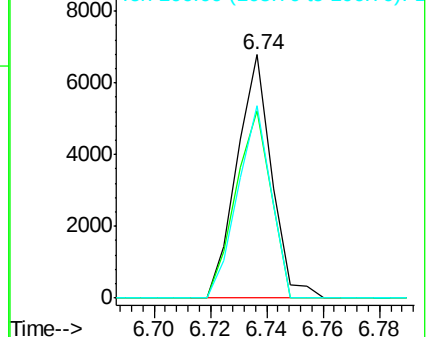
106 79.2 74.5 114.5

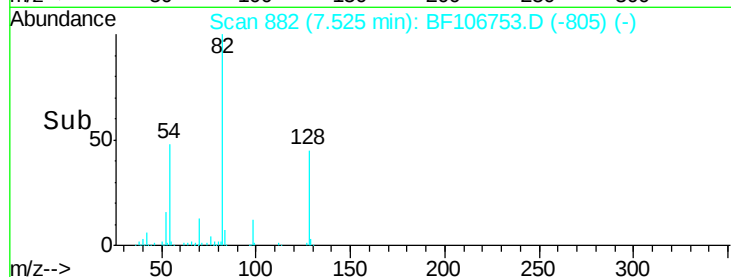
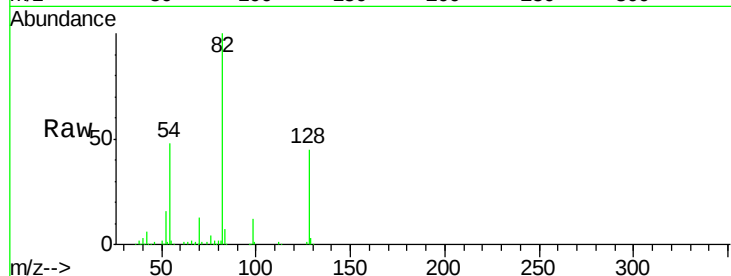
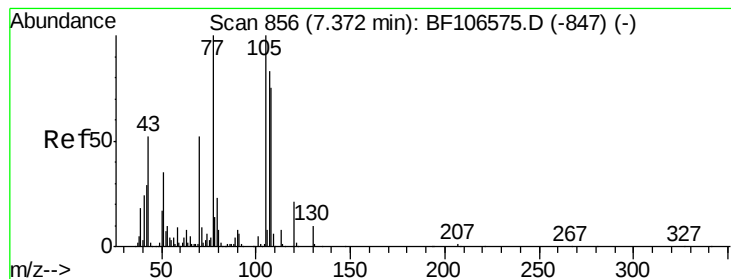


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 14.312 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106753.D

Acq: 23 Jun 2018 11:42

Instrument :

BNA_F

ClientSampleId :

W-21

Tgt Ion: 70 Resp: 30342

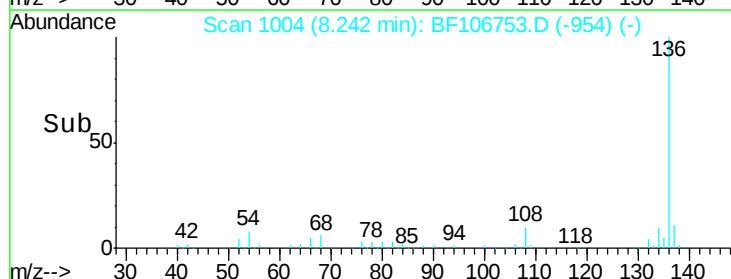
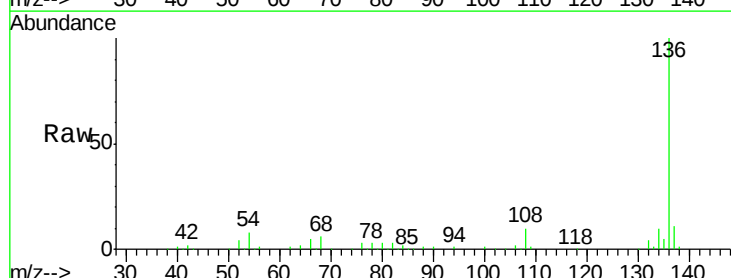
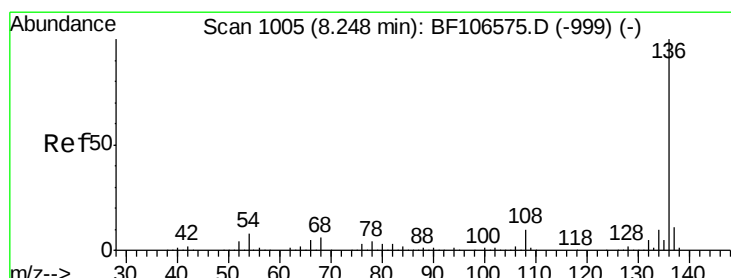
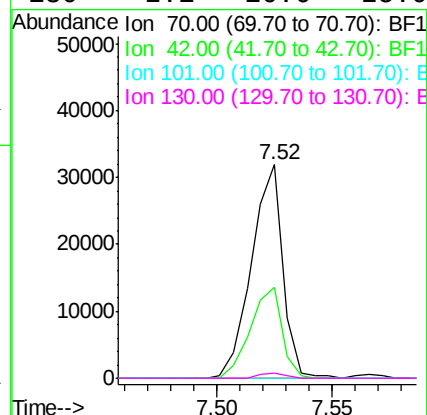
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 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: BF106753.D

Acq: 23 Jun 2018 11:42

Tgt Ion: 136 Resp: 142218

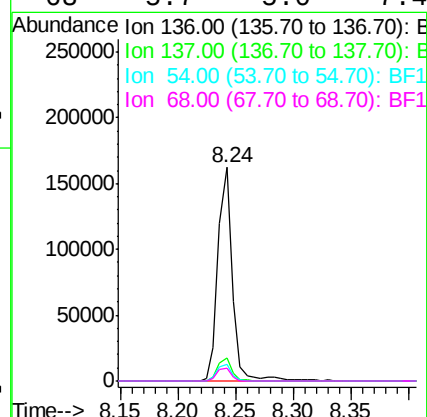
Ion Ratio Lower Upper

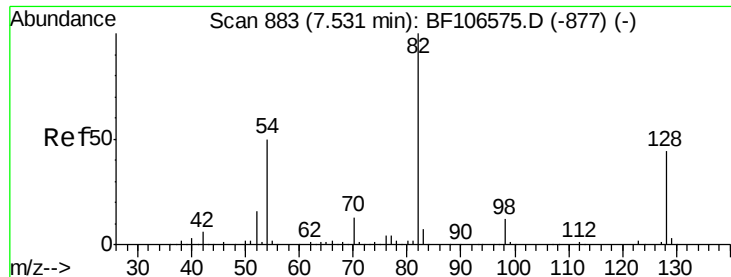
136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.7 5.0 7.4

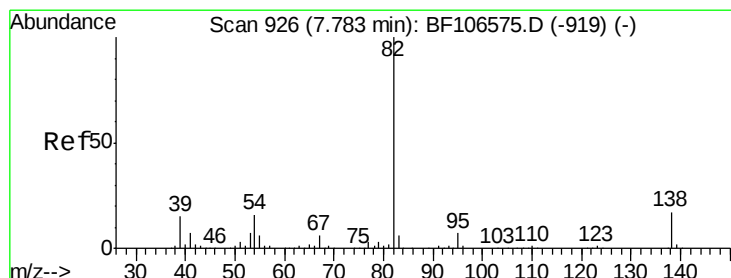
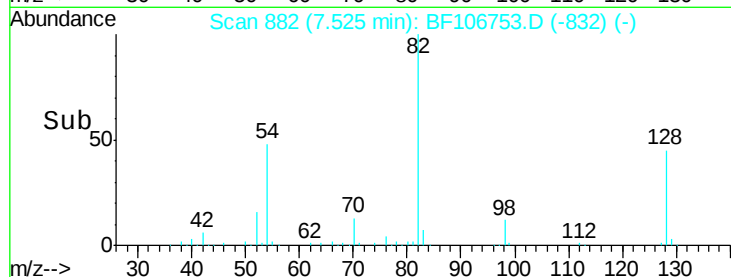
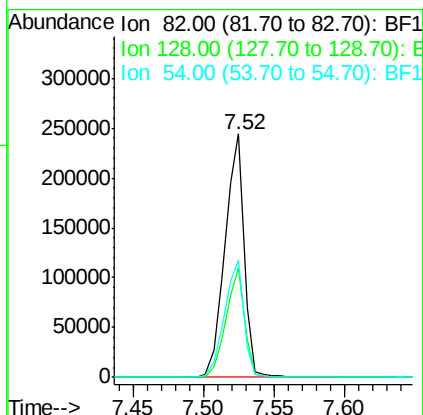
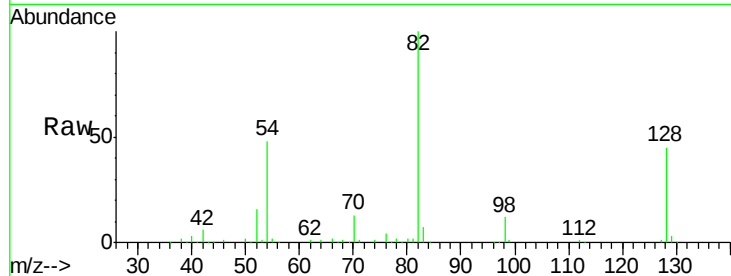




#23
 Nitrobenzene-d5
 Concen: 90.266 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106753.D
 Acq: 23 Jun 2018 11:42

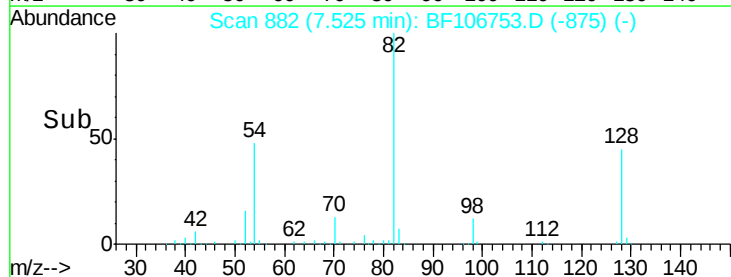
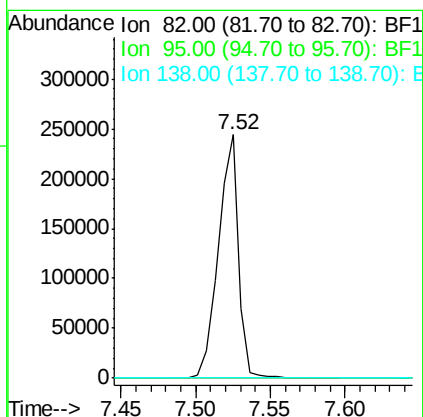
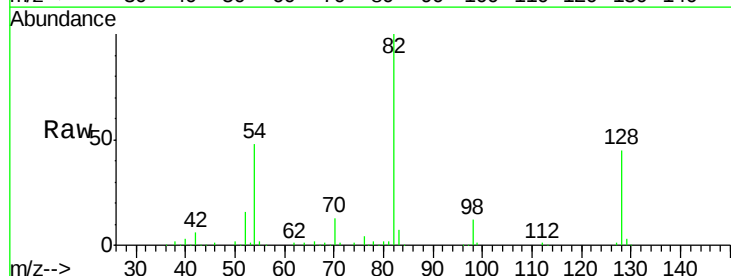
Instrument :
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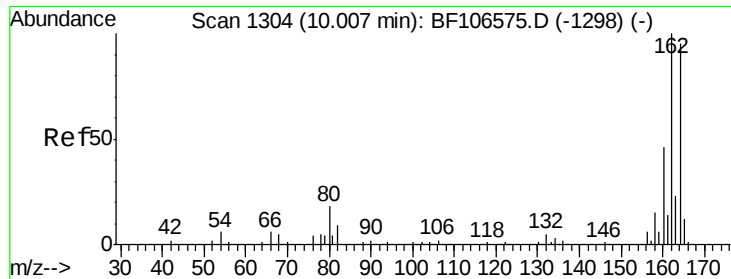
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	48.1	41.4	62.2



#25
 Isophorone
 Concen: 51.225 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106753.D
 Acq: 23 Jun 2018 11:42

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

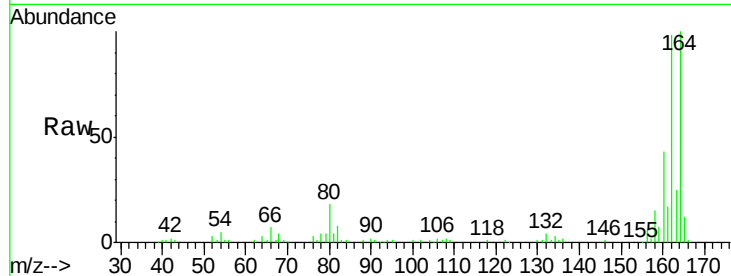




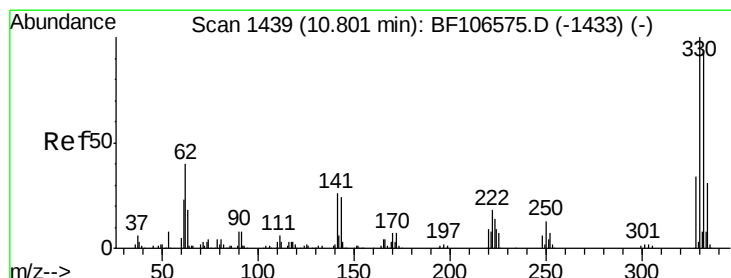
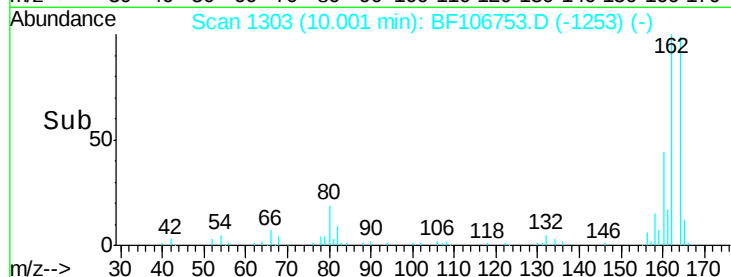
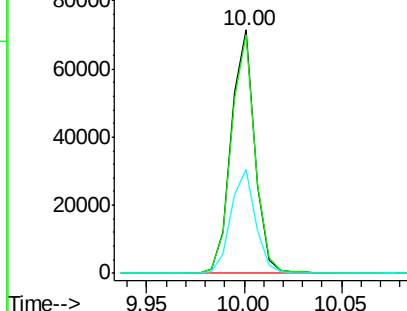
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:164 Resp: 59822
Ion Ratio Lower Upper
164 100
162 98.0 86.1 129.1
160 42.8 38.3 57.5

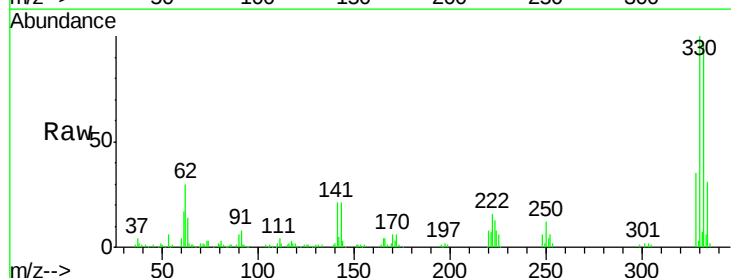


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

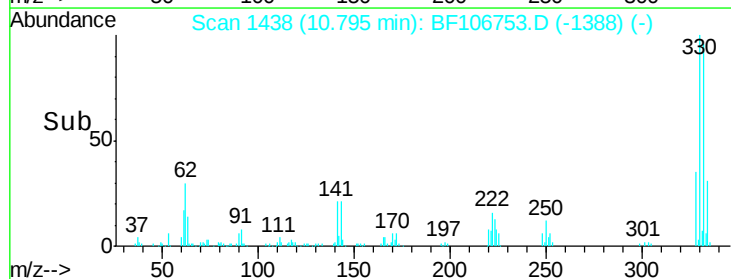
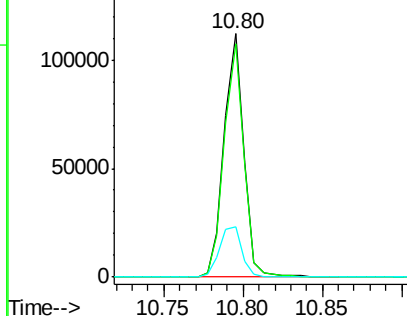


#41
2,4,6-Tribromophenol
Concen: 139.484 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Tgt Ion:330 Resp: 96712
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 23.7 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

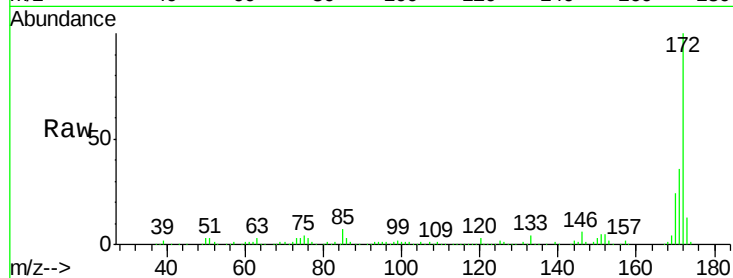




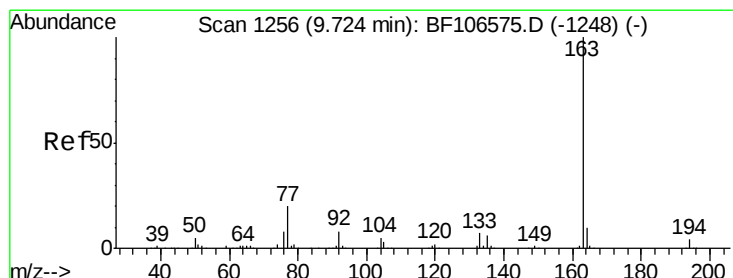
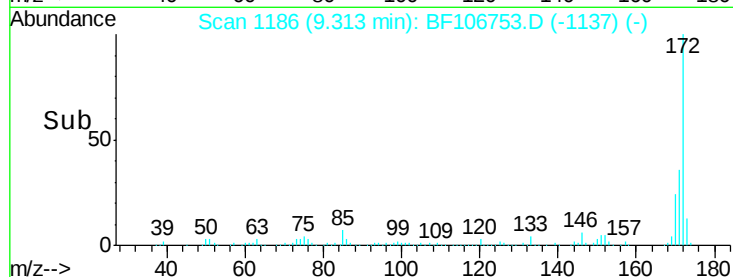
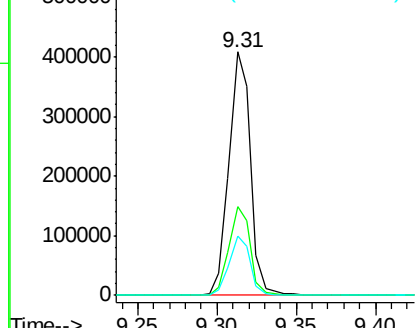
#44
 2-Fluorobiphenyl
 Concen: 114.147 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106753.D
 Acq: 23 Jun 2018 11:42

Instrument :
 BNA_F
 ClientSampled :
 W-21

Tgt Ion:172 Resp: 385548
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4

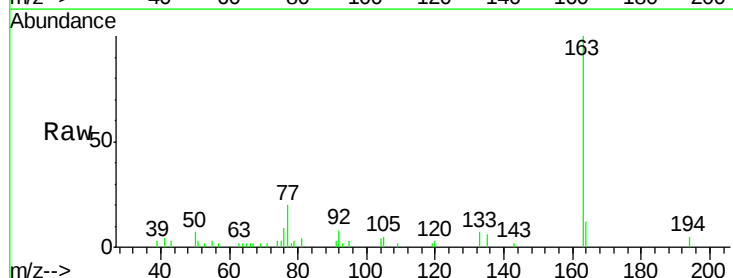


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

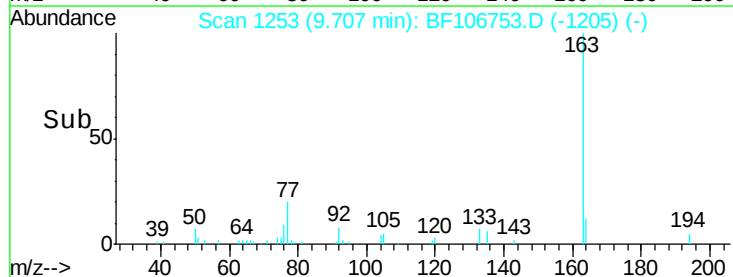
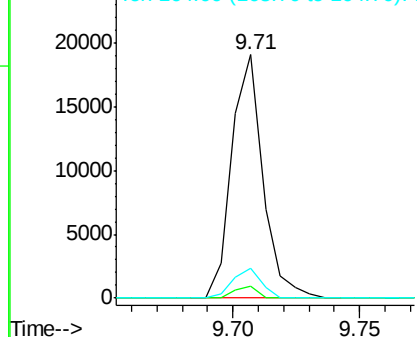


#49
 Dimethylphthalate
 Concen: 3.634 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106753.D
 Acq: 23 Jun 2018 11:42

Tgt Ion:163 Resp: 16306
 Ion Ratio Lower Upper
 163 100
 194 4.9 2.7 4.1#
 164 12.3 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

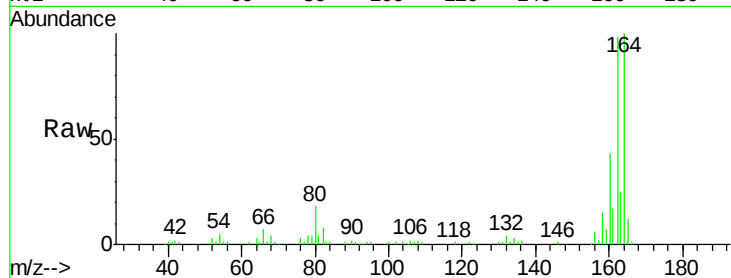




#56
2,4-Dinitrotoluene
Concen: 6.140 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Instrument :
BNA_F
ClientSampleId :
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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#

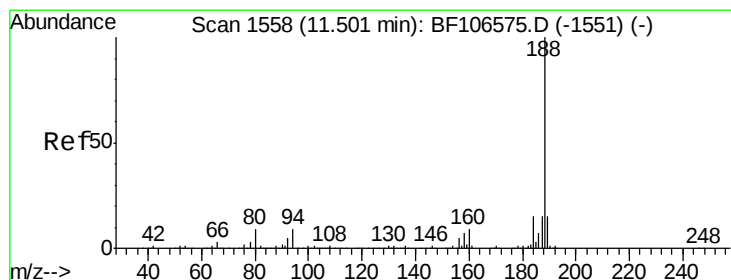
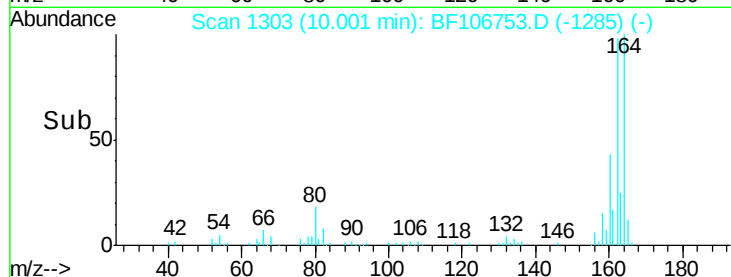
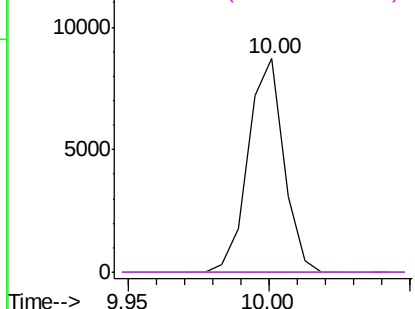


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



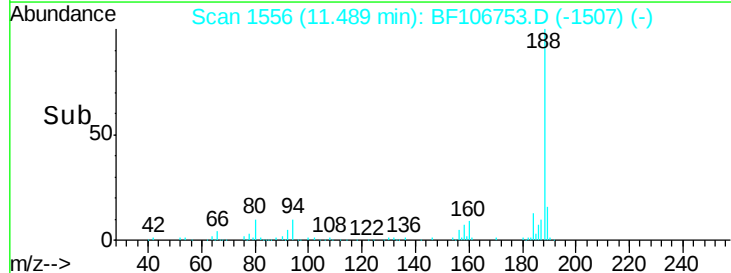
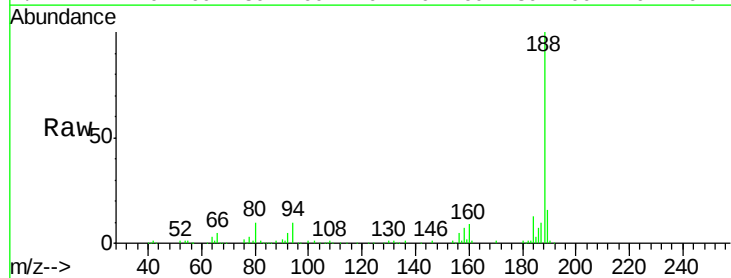
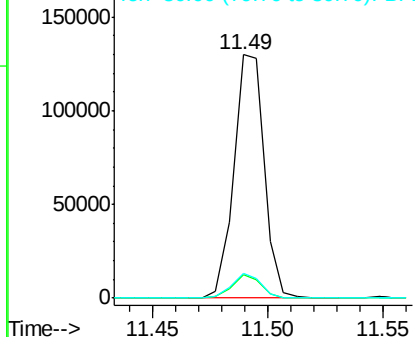
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

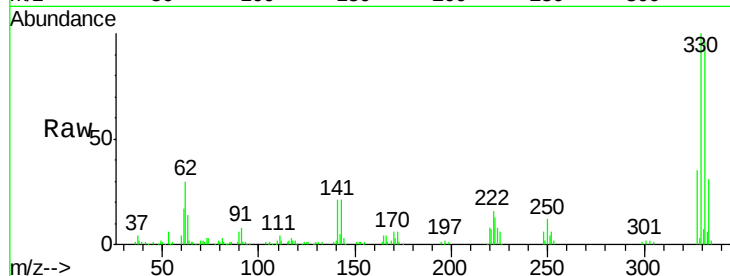




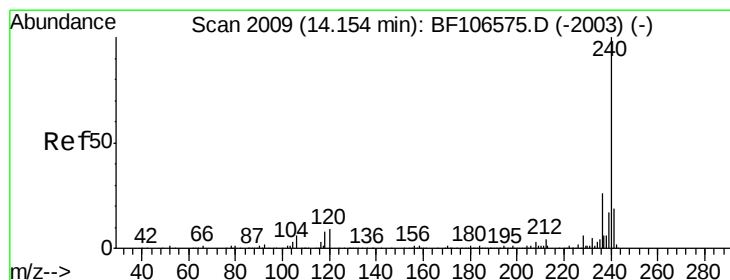
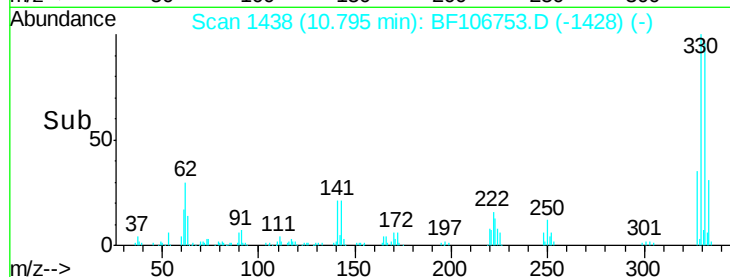
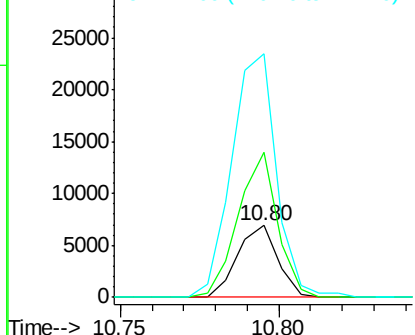
#66
4-Bromophenyl-phenylether
Concen: 4.284 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion: 248 Resp: 6088
Ion Ratio Lower Upper
248 100
250 201.6 76.9 115.3#
141 339.5 74.4 111.6#

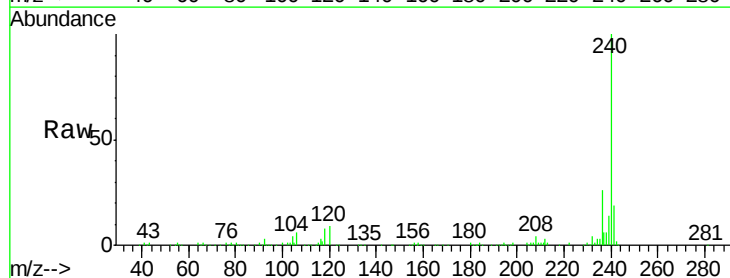


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

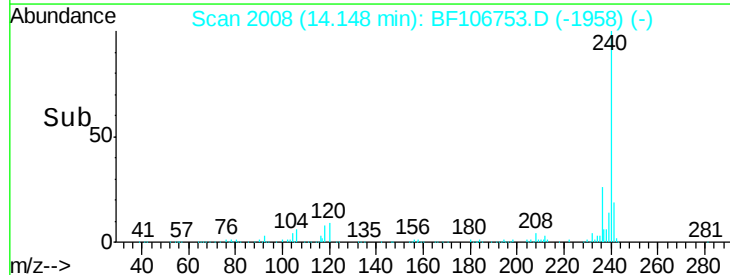
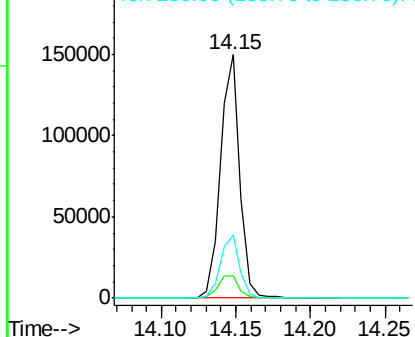


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106753.D
Acq: 23 Jun 2018 11:42

Tgt Ion: 240 Resp: 135758
Ion Ratio Lower Upper
240 100
120 9.0 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

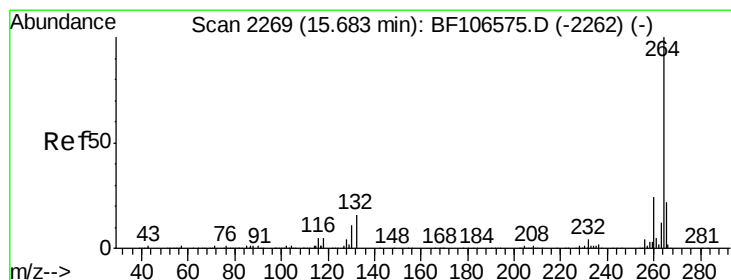
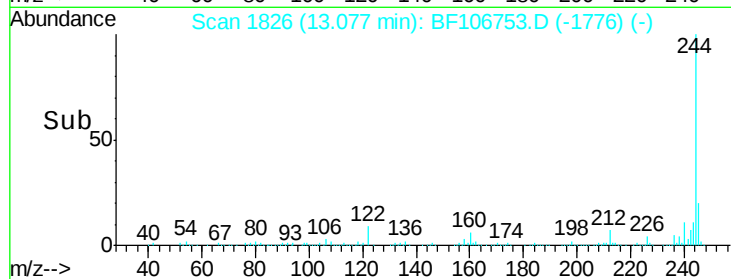
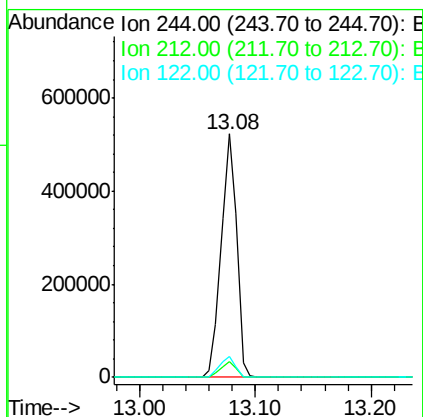
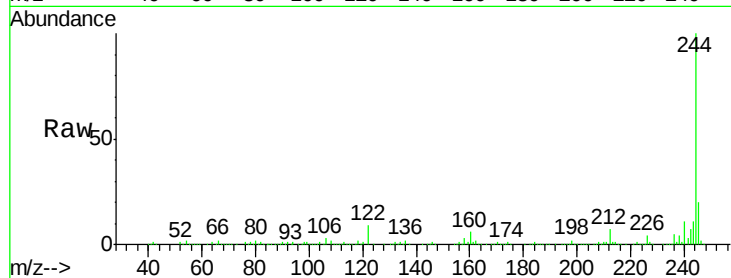




#78
 Terphenyl-d14
 Concen: 87.247 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106753.D
 Acq: 23 Jun 2018 11:42

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tgt Ion:244 Resp: 488976
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF106753.D
 Acq: 23 Jun 2018 11:42

Tgt Ion:264 Resp: 95488
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.5 26.3

