

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106734.D
 Acq On : 23 Jun 2018 2:45
 Operator : JU/SJ
 Sample : J3573-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-COMP

Quant Time: Jun 23 03:18:40 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 22 11:34:03 2018
 Response via : Initial Calibration

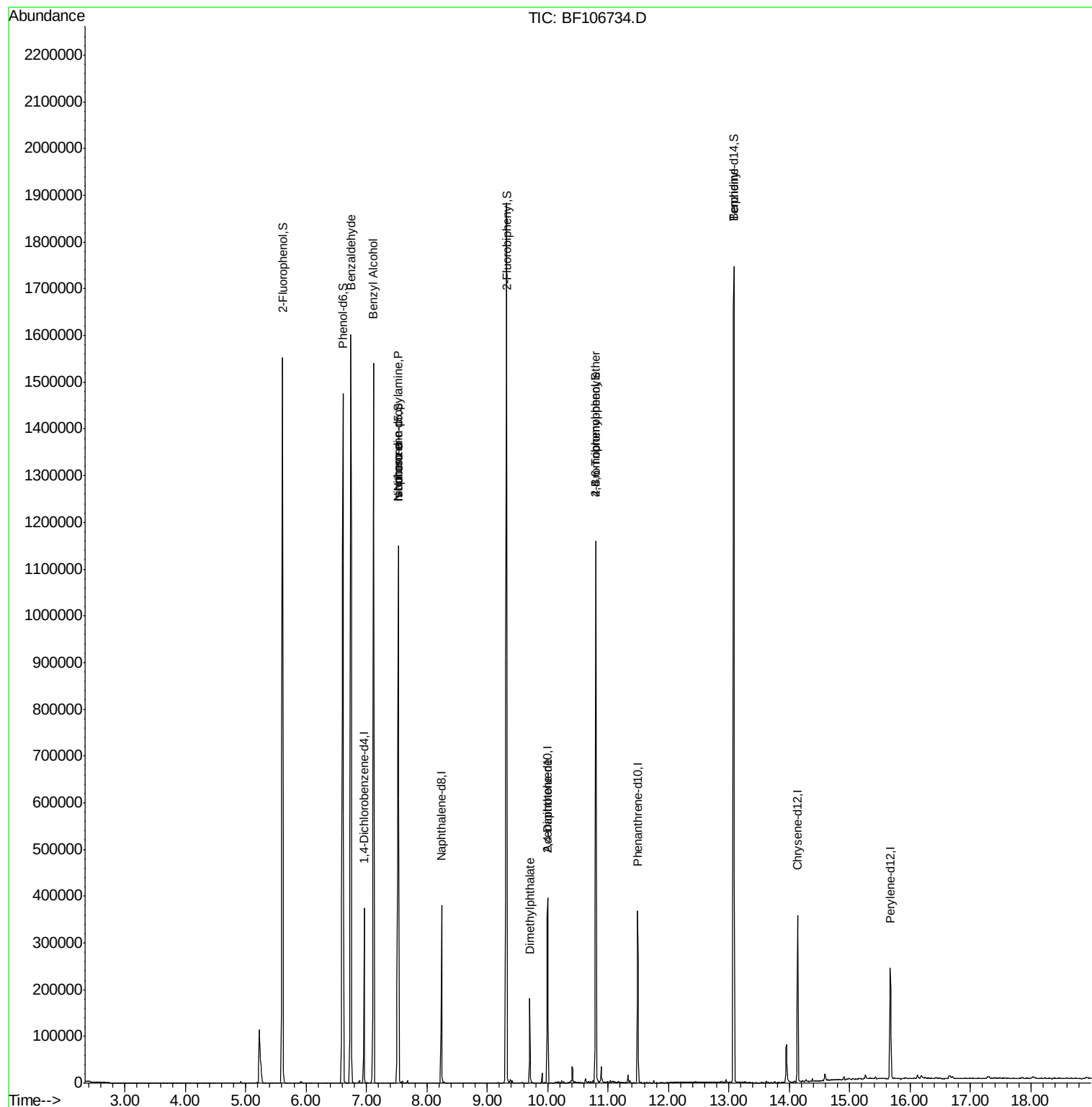
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51967	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	180772	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	84480	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	139231	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	135759	20.00	ng	-0.02
86) Perylene-d12	15.67	264	120167	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	590575	192.44	ng	0.01
7) Phenol-d6	6.61	99	762564	198.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	521362	160.28	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	217391	222.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	835427	184.68	ng	0.00
78) Terphenyl-d14	13.08	244	793659	141.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	13258	4.082	ng	Qvalue 90
15) Benzyl Alcohol	7.12	79	7630	2.479	ng	# 46
19) n-Nitroso-di-n-propylamine	7.53	70	68135	26.970	ng	# 72
25) Isophorone	7.53	82	521358	90.956	ng	# 64
49) Dimethylphthalate	9.71	163	80831	12.757	ng	99
56) 2,4-Dinitrotoluene	10.00	165	10593	6.049	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	13069	7.865	ng	# 1
76) Benzidine	13.08	184	8805	2.277	ng	# 95

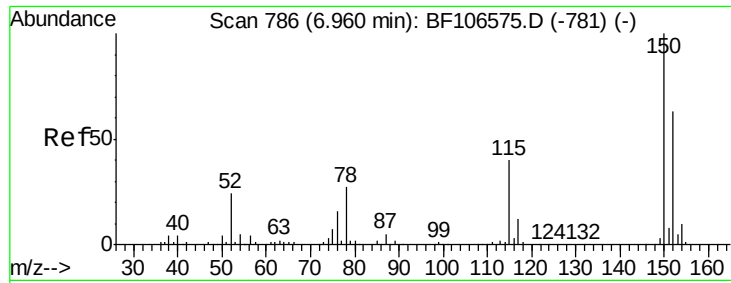
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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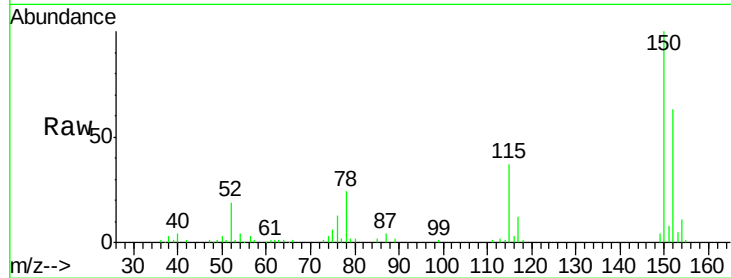




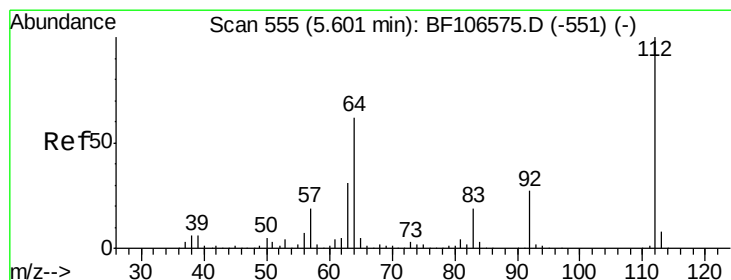
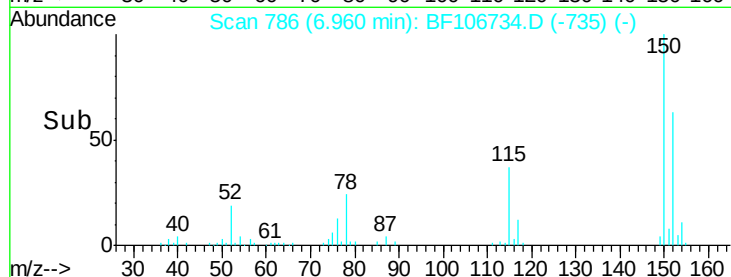
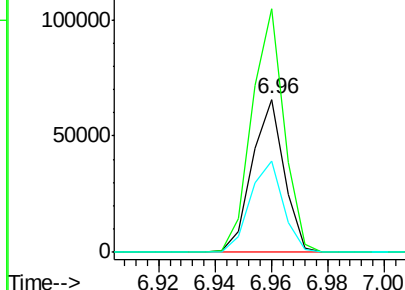
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106734.D
 Acq: 23 Jun 2018 2:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-COMP

Tgt Ion:152 Resp: 51967
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 59.5 50.1 75.1

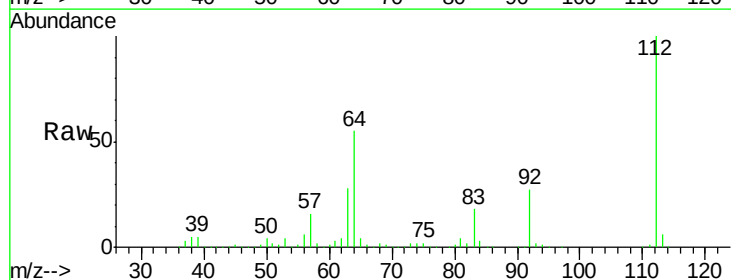


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

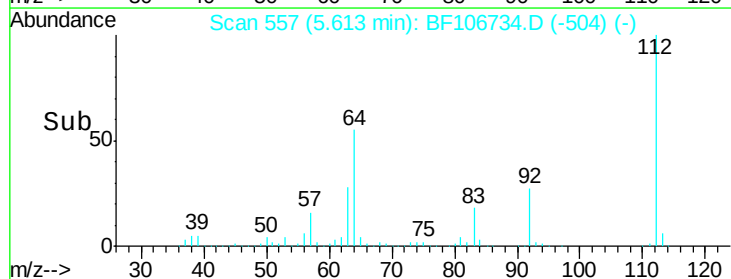
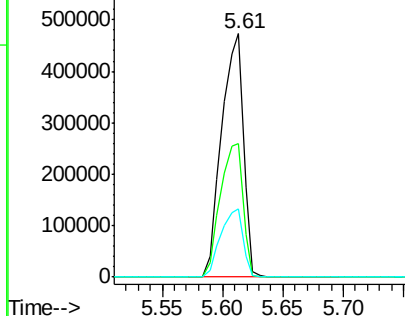


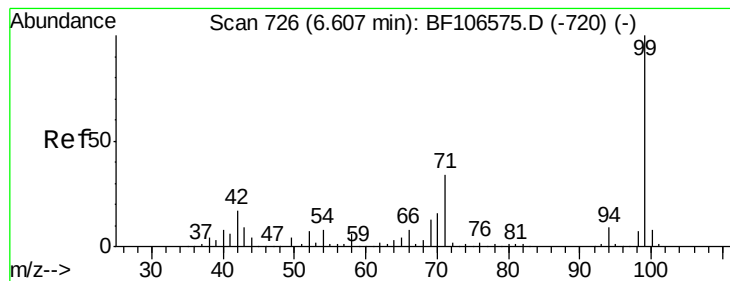
#5
 2-Fluorophenol
 Concen: 192.436 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF106734.D
 Acq: 23 Jun 2018 2:45

Tgt Ion:112 Resp: 590575
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.9 71.9
 63 27.9 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: 198.972 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Instrument :

BNA_F

ClientSampleId :

SB-53-COMP

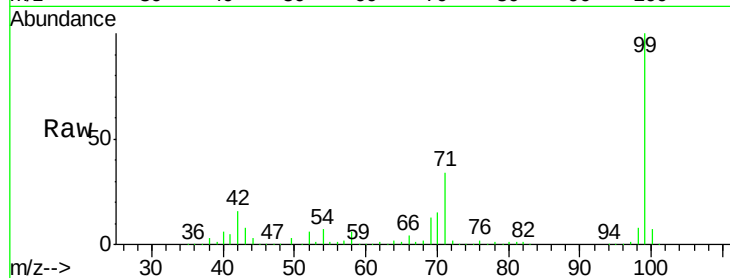
Tgt Ion: 99 Resp: 762564

Ion Ratio Lower Upper

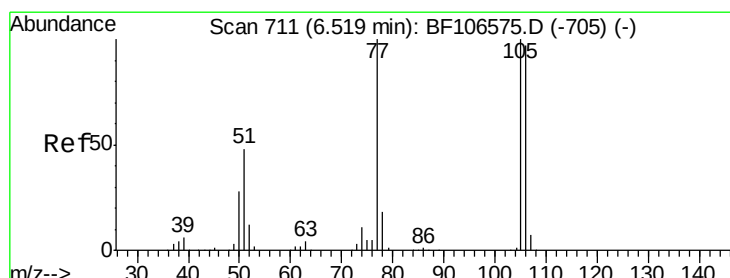
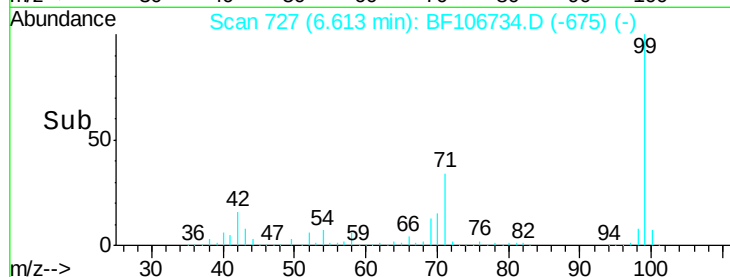
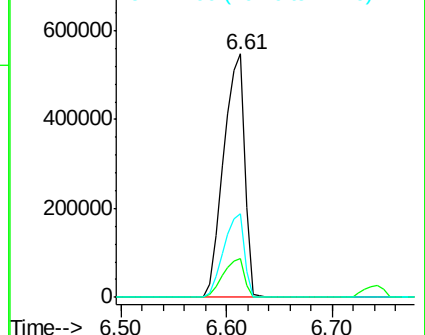
99 100

42 15.7 14.5 21.7

71 34.4 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: 4.082 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

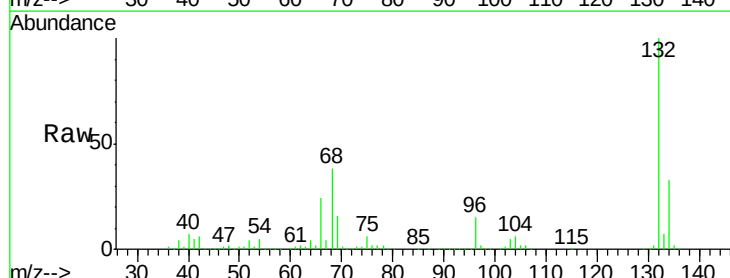
Tgt Ion: 77 Resp: 13258

Ion Ratio Lower Upper

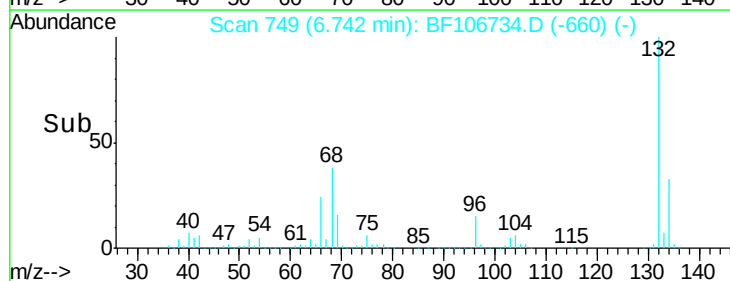
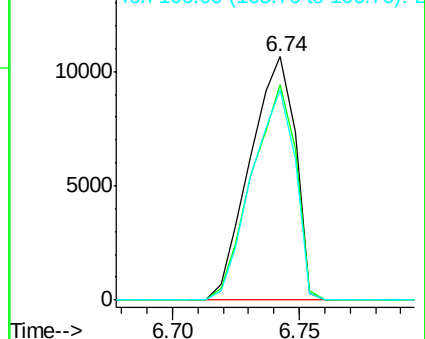
77 100

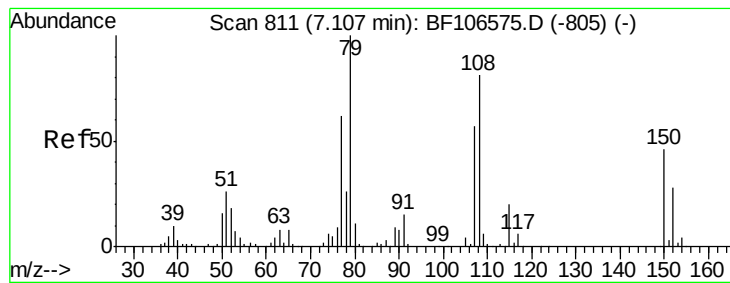
105 88.6 81.1 121.1

106 86.5 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





#15

Benzyl Alcohol

Concen: 2.479 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Instrument :

BNA_F

ClientSampleId :

SB-53-COMP

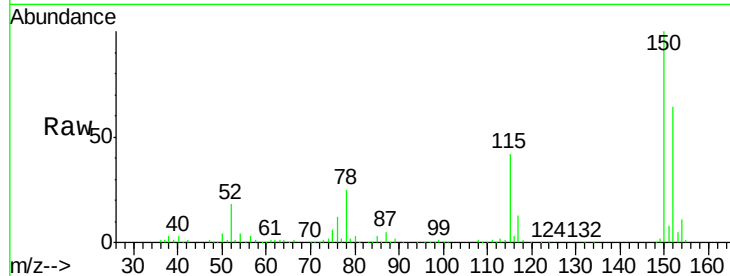
Tgt Ion: 79 Resp: 7630

Ion Ratio Lower Upper

79 100

108 33.0 65.1 97.7#

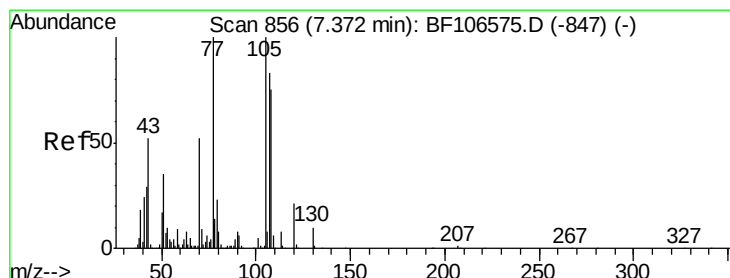
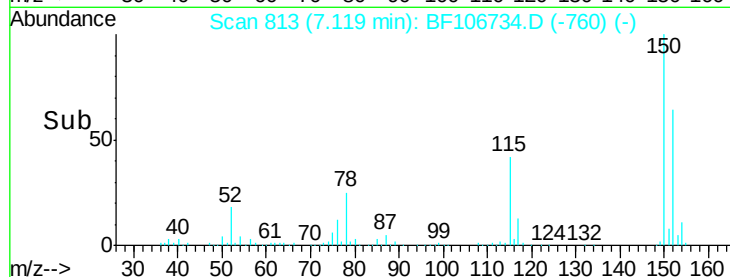
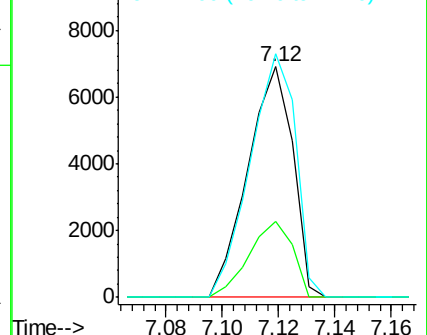
77 105.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 26.970 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Tgt Ion: 70 Resp: 68135

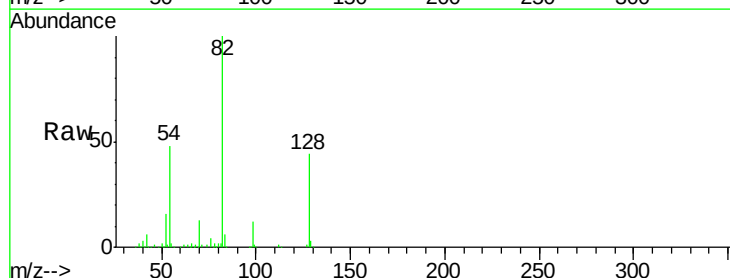
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

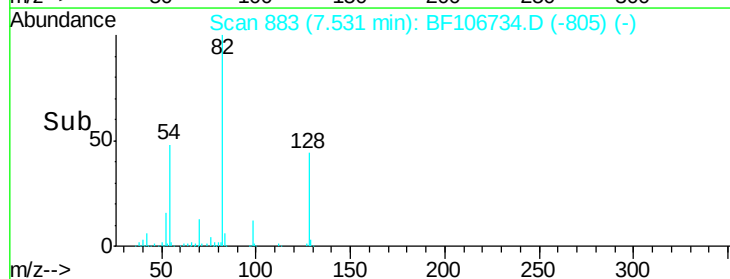
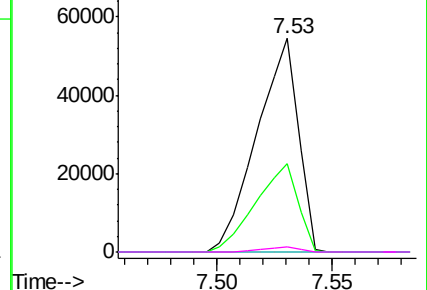


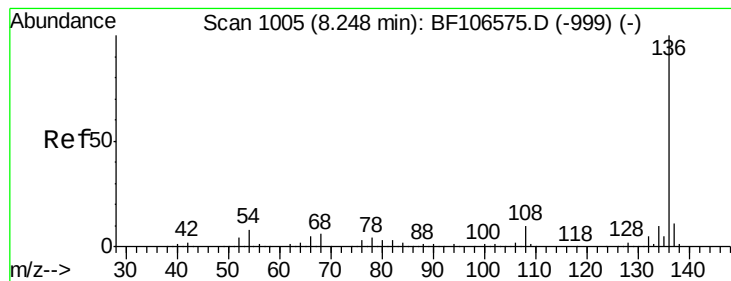
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

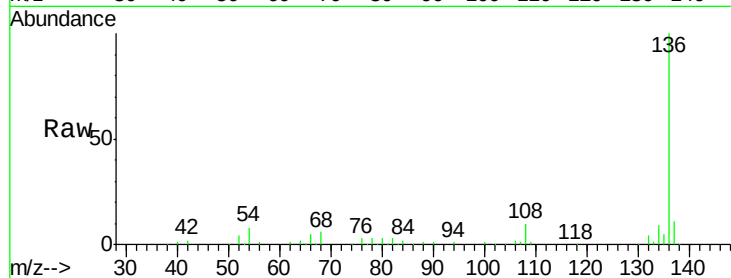




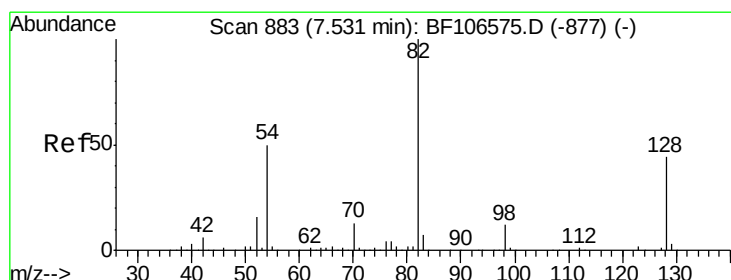
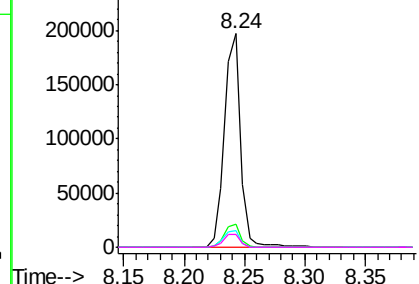
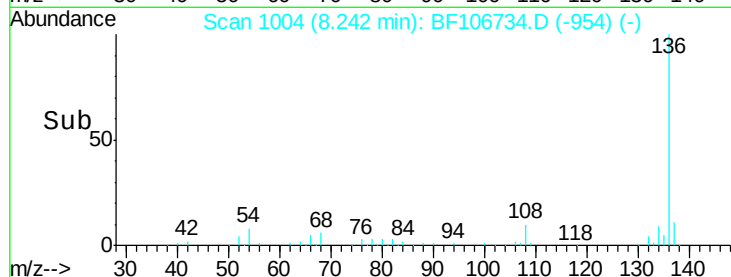
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106734.D
Acq: 23 Jun 2018 2:45

Instrument :
BNA_F
ClientSampleId :
SB-53-COMP

Tgt Ion:	136	Resp:	180772
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4

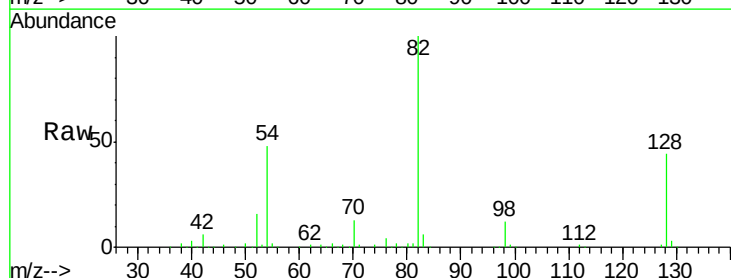


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

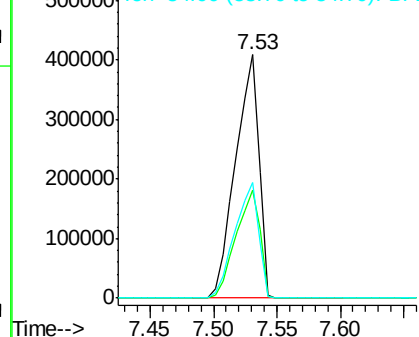
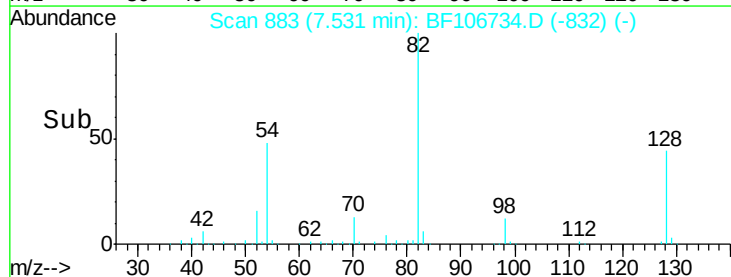


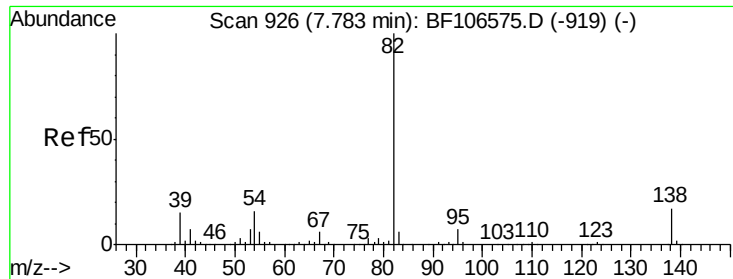
#23
Nitrobenzene-d5
Concen: 160.279 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106734.D
Acq: 23 Jun 2018 2:45

Tgt Ion:	82	Resp:	521362
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	47.6	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

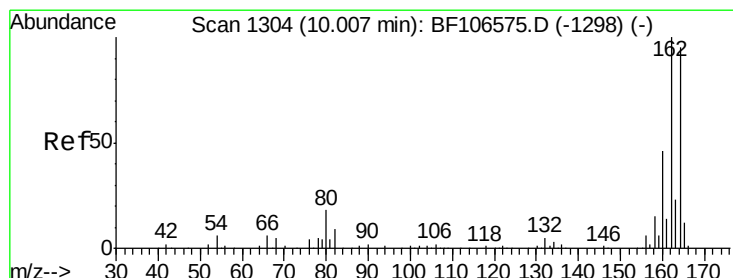
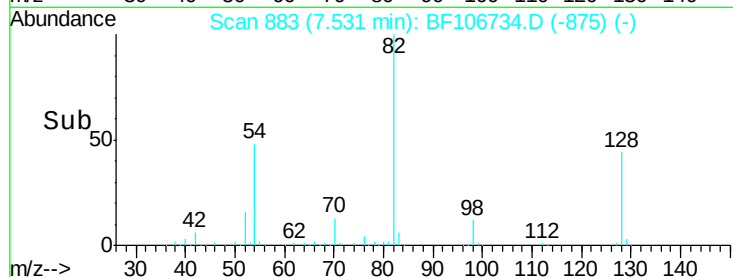
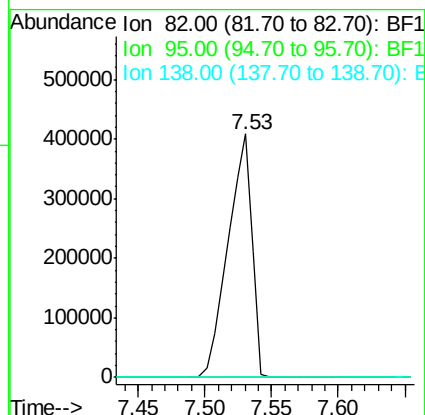
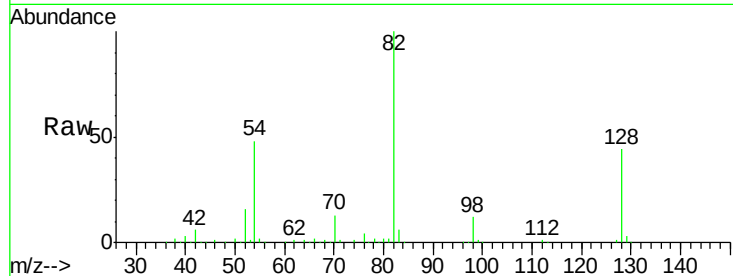




#25
Isophorone
Concen: 90.956 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF106734.D
Acq: 23 Jun 2018 2:45

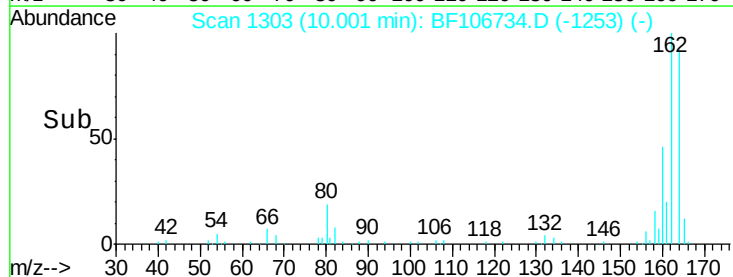
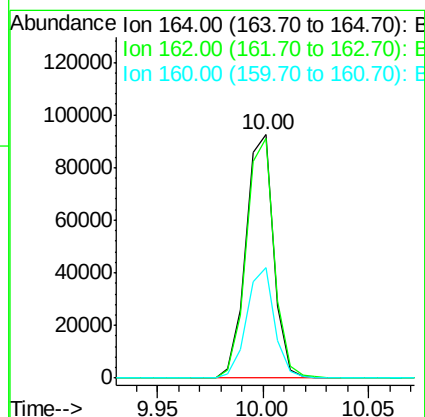
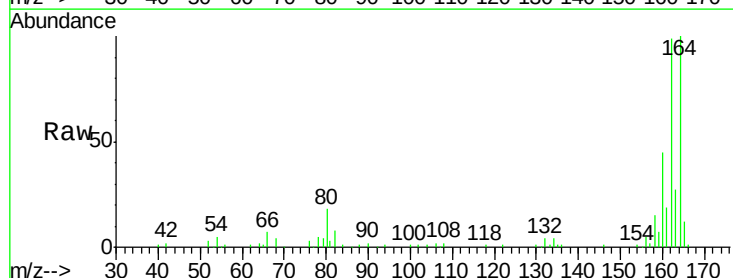
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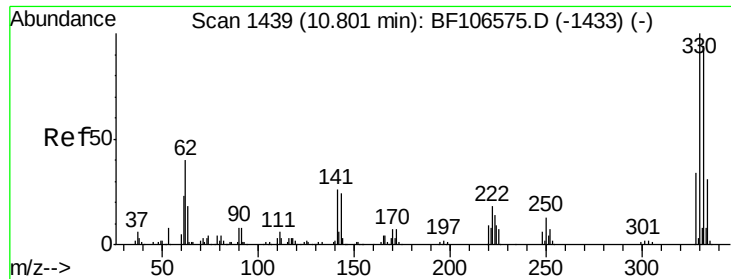
Tgt Ion: 82 Resp: 521358
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106734.D
Acq: 23 Jun 2018 2:45

Tgt Ion: 164 Resp: 84480
Ion Ratio Lower Upper
164 100
162 98.5 86.1 129.1
160 45.3 38.3 57.5

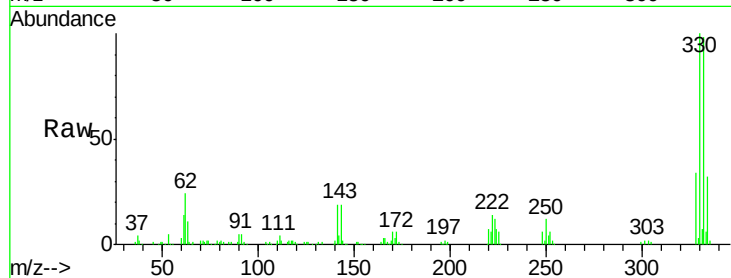




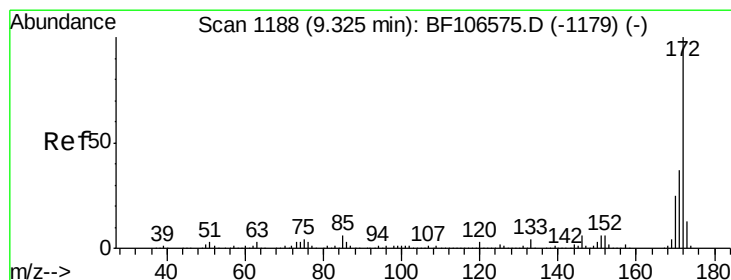
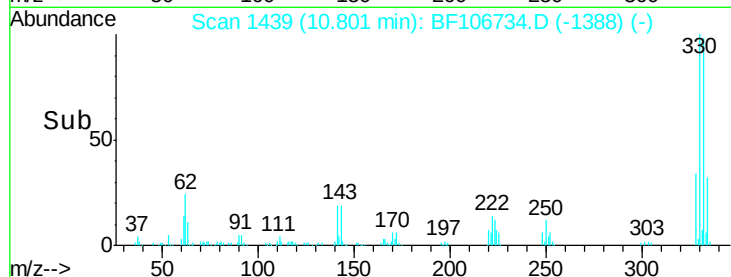
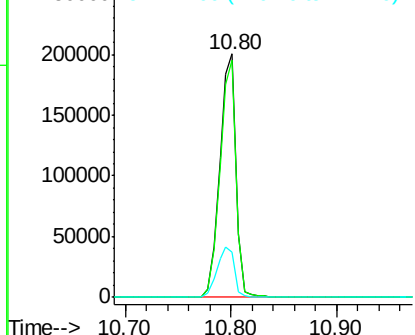
#41
 2,4,6-Tribromophenol
 Concen: 222.021 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106734.D
 Acq: 23 Jun 2018 2:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-53-COMP

Tgt Ion:330 Resp: 217391
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 22.4 29.9 44.9#

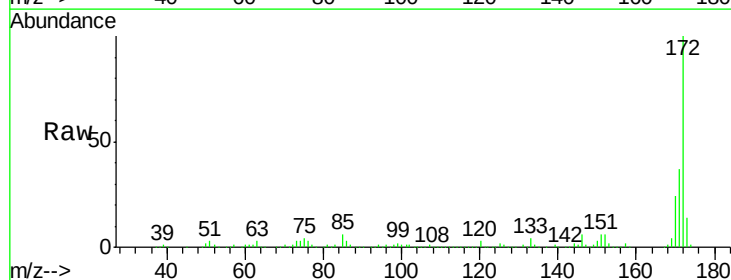


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

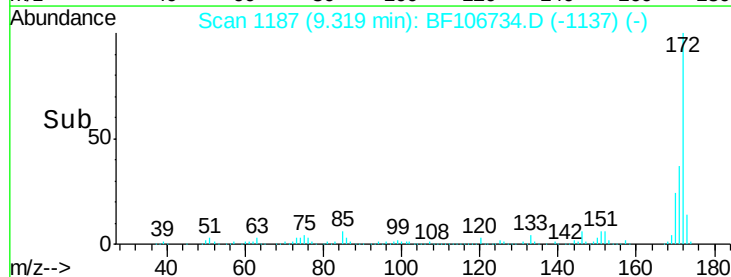
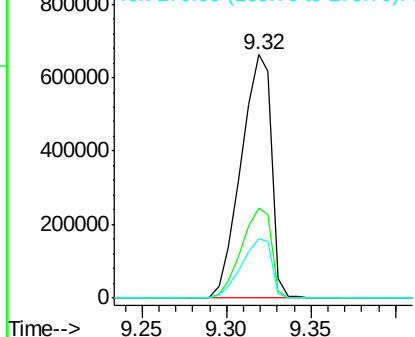


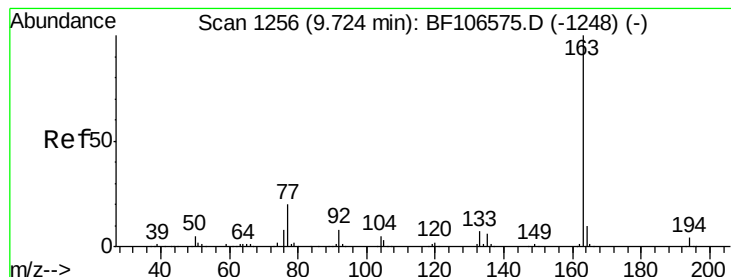
#44
 2-Fluorobiphenyl
 Concen: 184.684 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106734.D
 Acq: 23 Jun 2018 2:45

Tgt Ion:172 Resp: 835427
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.4 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: 12.757 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Instrument :

BNA_F

ClientSampleId :

SB-53-COMP

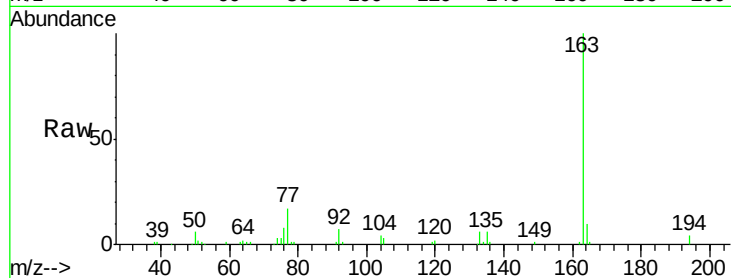
Tgt Ion:163 Resp: 80831

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

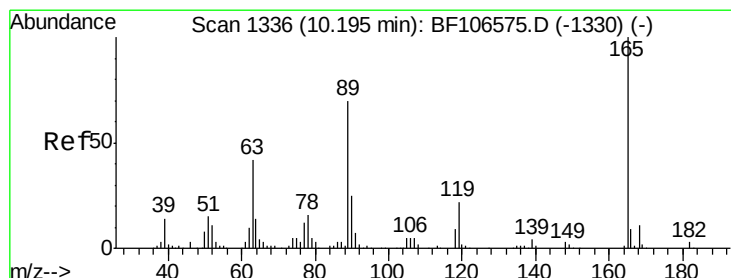
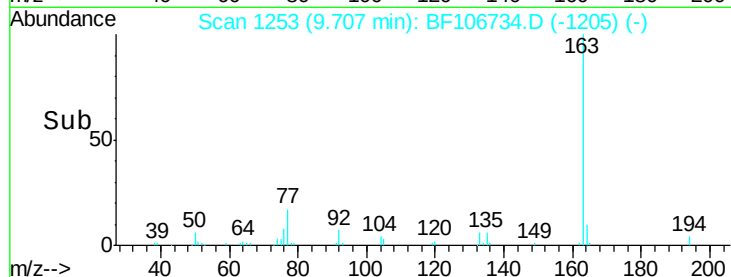
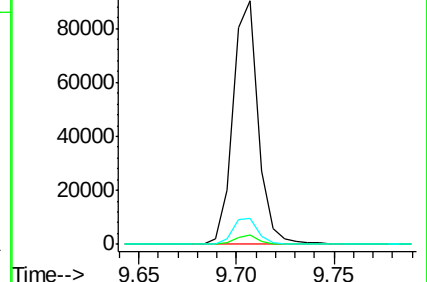
164 10.4 8.2 12.2



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: 6.049 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Tgt Ion:165 Resp: 10593

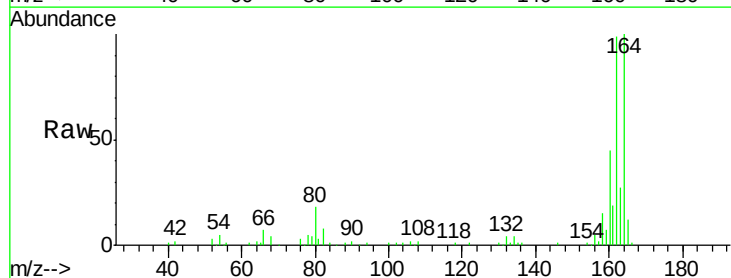
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

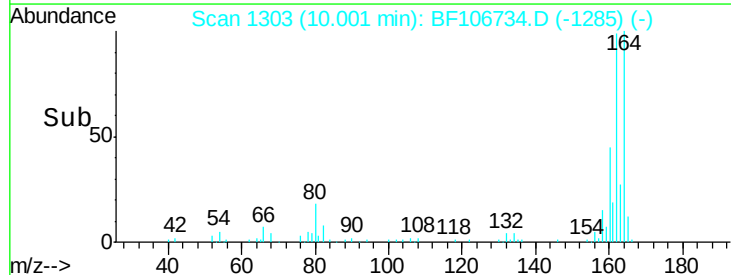
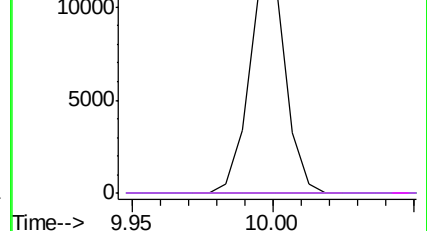


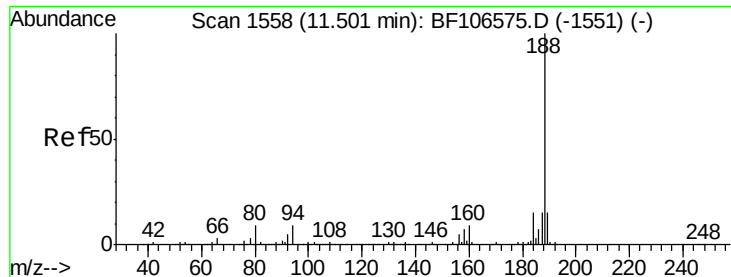
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF106734.D

Acq: 23 Jun 2018 2:45

Instrument :

BNA_F

ClientSampleId :

SB-53-COMP

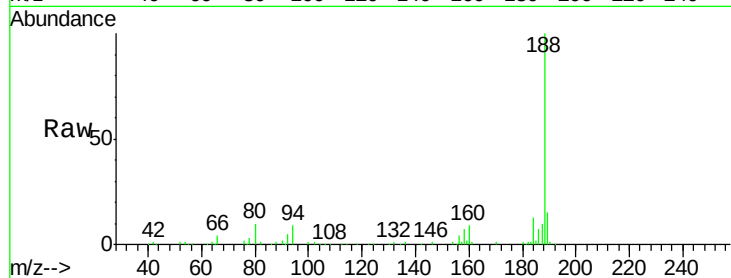
Tgt Ion:188 Resp: 139231

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

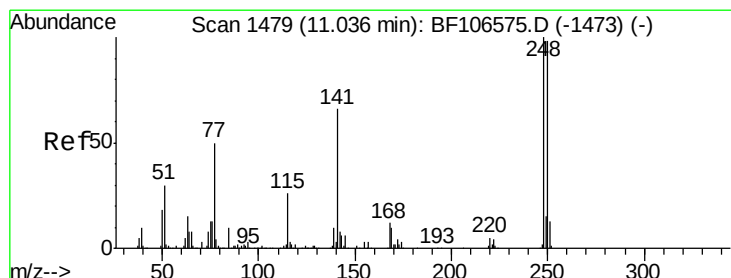
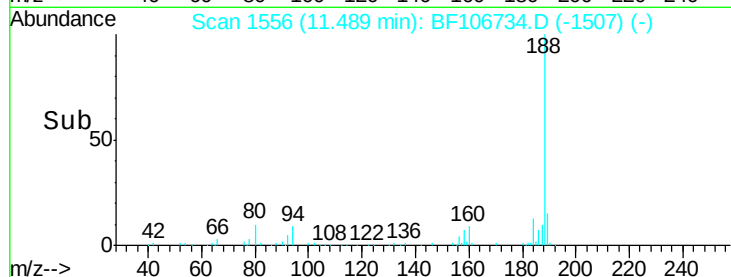
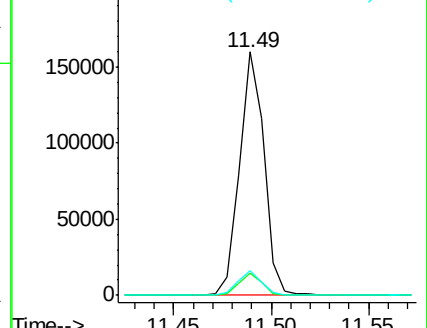
80 10.4 9.2 13.8



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: 7.865 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

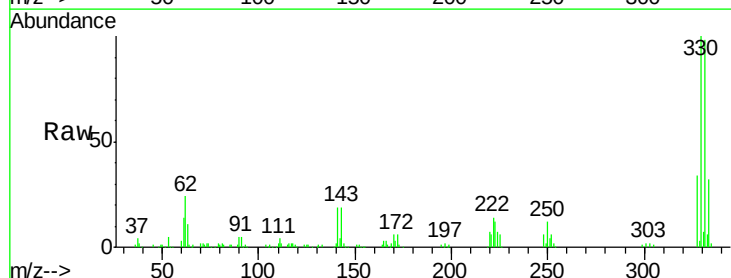
Tgt Ion:248 Resp: 13069

Ion Ratio Lower Upper

248 100

250 193.0 76.9 115.3#

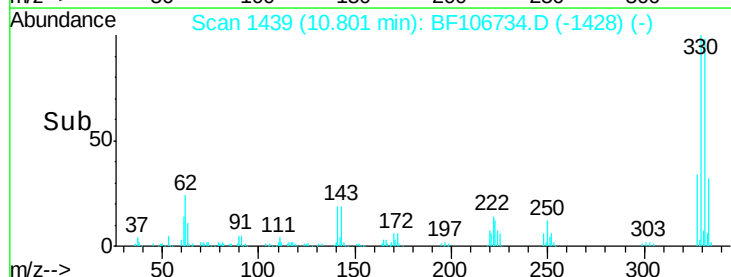
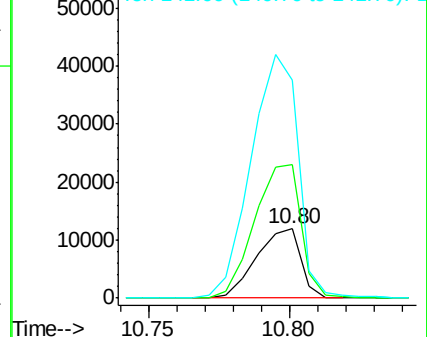
141 314.9 74.4 111.6#

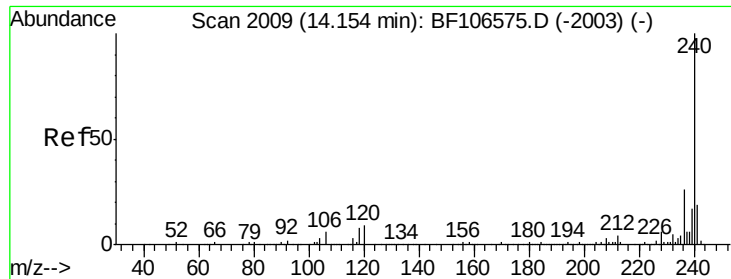


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2006

Delta R.T. -0.02 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Instrument :

BNA_F

ClientSampleId :

SB-53-COMP

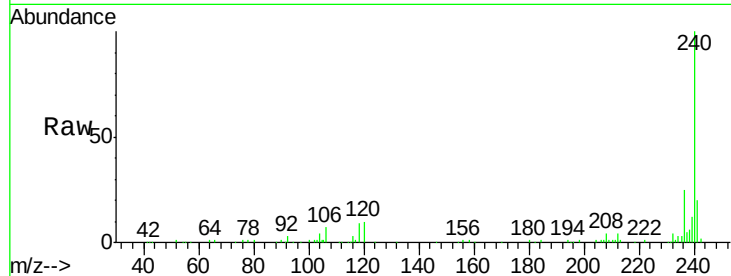
Tgt Ion:240 Resp: 135759

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

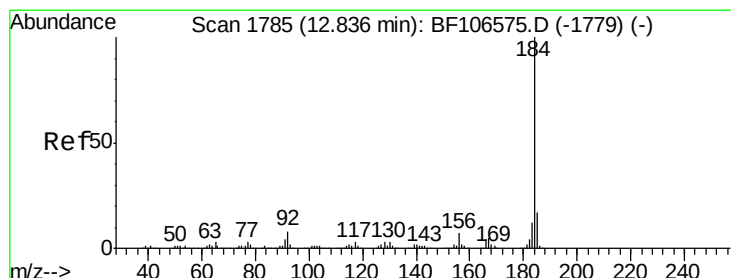
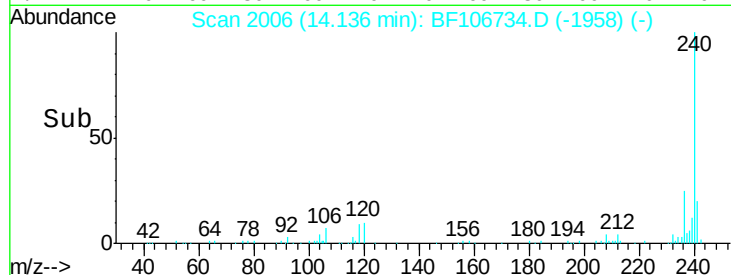
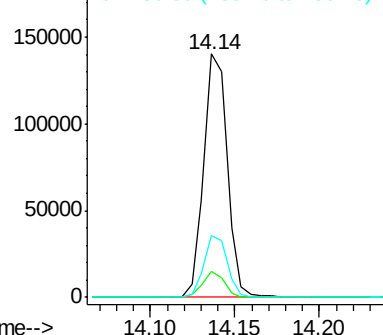
236 25.4 20.7 31.1



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



#76

Benzidine

Concen: 2.277 ng

RT: 13.08 min Scan# 1826

Delta R.T. 0.24 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

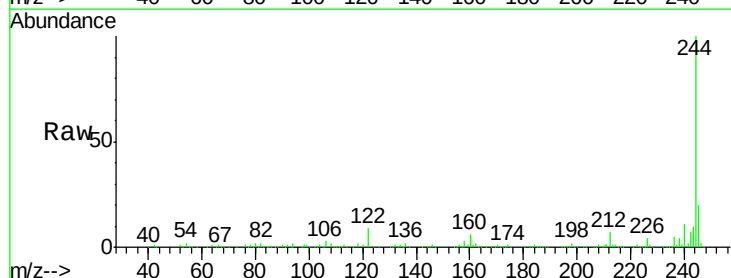
Tgt Ion:184 Resp: 8805

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

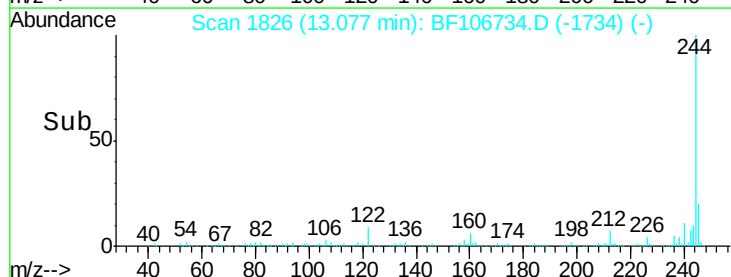
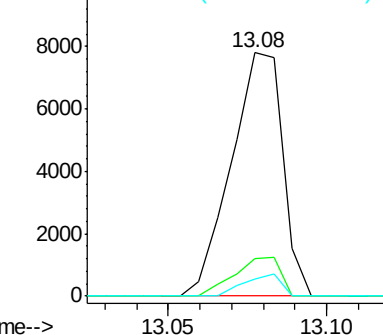
183 7.2 9.3 13.9#

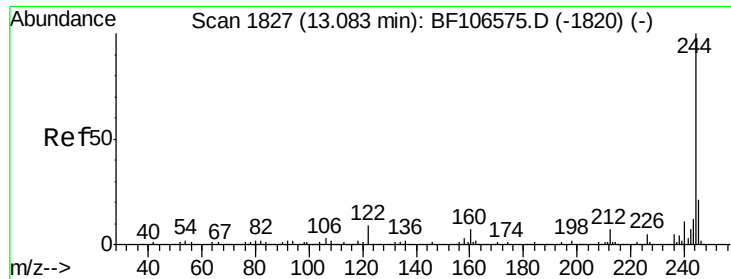


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 141.610 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

Instrument :

BNA_F

ClientSampleId :

SB-53-COMP

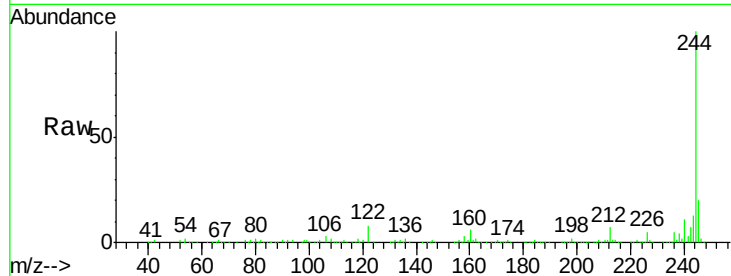
Tgt Ion:244 Resp: 793659

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

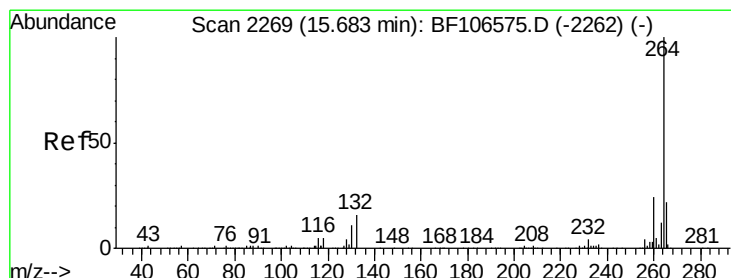
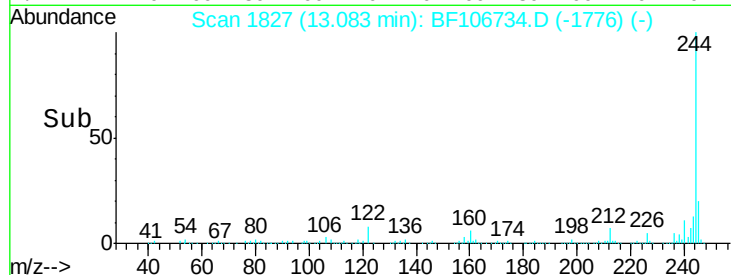
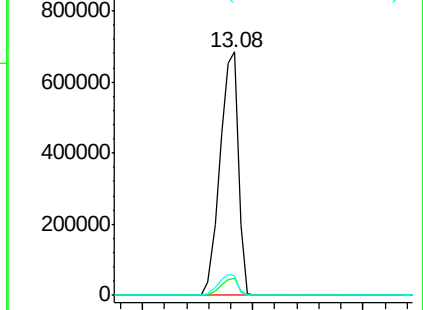
122 8.1 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF106734.D

Acq: 23 Jun 2018 2:45

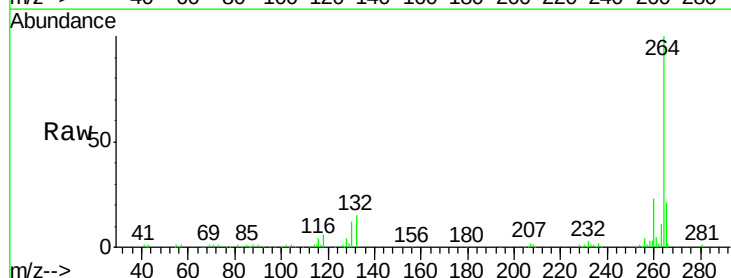
Tgt Ion:264 Resp: 120167

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.7 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

