

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062918\
 Data File : BF106983.D
 Acq On : 29 Jun 2018 19:47
 Operator : JU/SJ
 Sample : J3695-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Jun 29 23:10:31 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

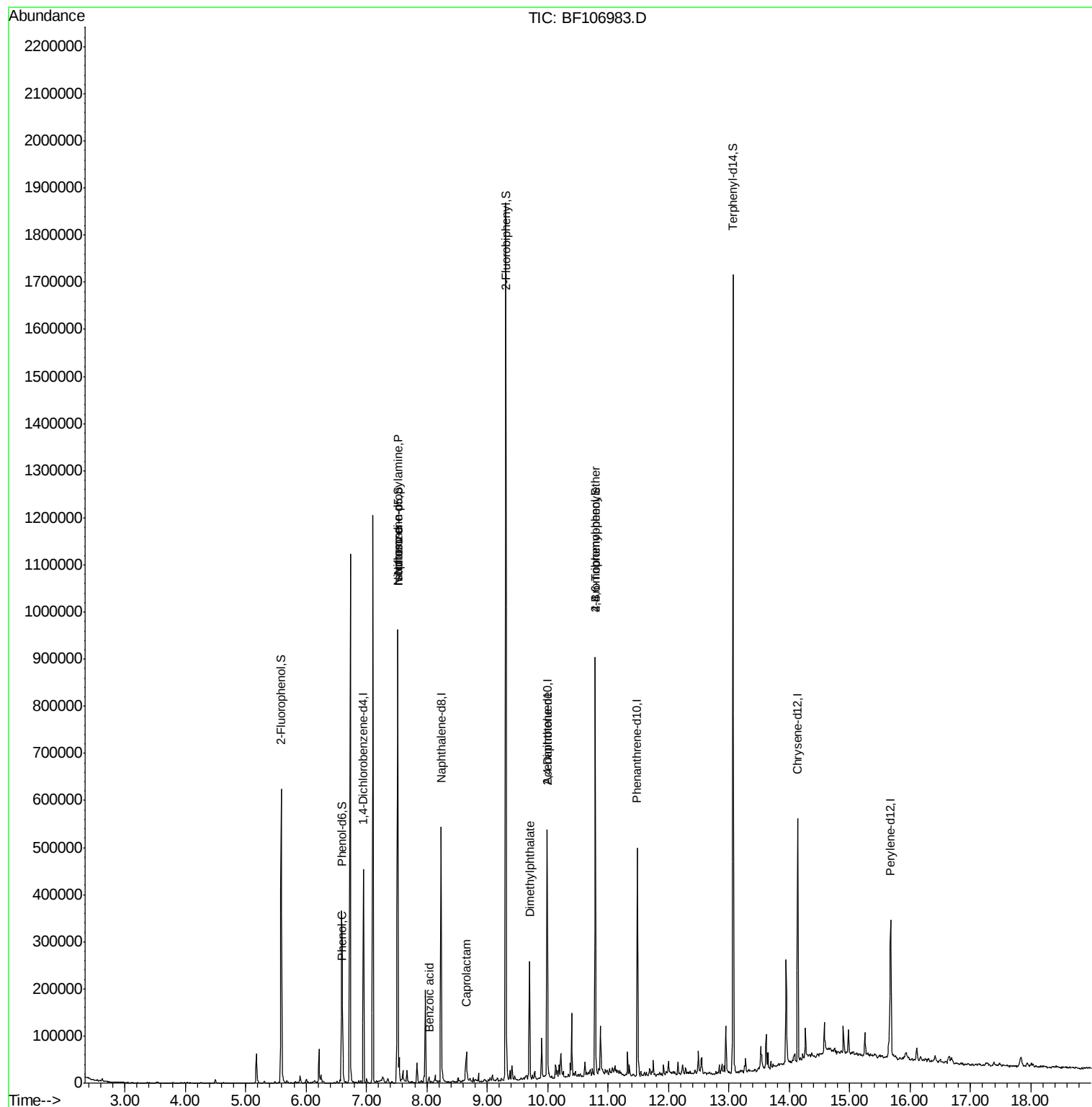
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70430	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	260270	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	115078	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	187641	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	194903	20.00	ng	-0.03
86) Perylene-d12	15.68	264	148514	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	176634	42.47	ng	-0.01
7) Phenol-d6	6.59	99	128913	24.82	ng	-0.02
23) Nitrobenzene-d5	7.52	82	314481	67.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	129332	96.97	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	548486	79.77	ng	-0.02
78) Terphenyl-d14	13.07	244	599139	74.46	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	25090	4.233	ng	99
19) n-Nitroso-di-n-propylamine	7.52	70	41526	12.129	ng	# 70
20) 3+4-Methylphenols	7.10	107	425	Below Cal	#	1
25) Isophorone	7.52	82	314478	38.106	ng	# 64
32) Benzoic acid	8.03	122	241	5.815	ng	# 1
35) Caprolactam	8.65	113	9718	8.162	ng	92
49) Dimethylphthalate	9.70	163	101956	11.813	ng	# 99
56) 2,4-Dinitrotoluene	9.99	165	14299	5.994	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7970	3.559	ng	# 1

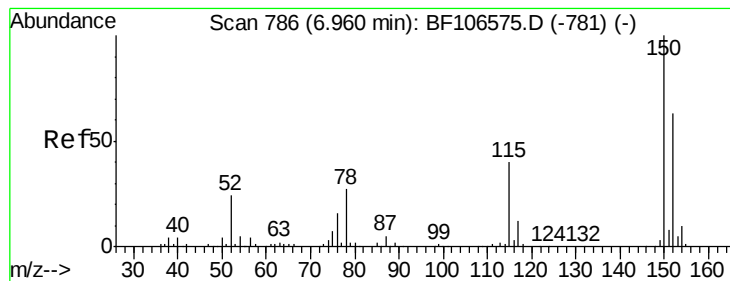
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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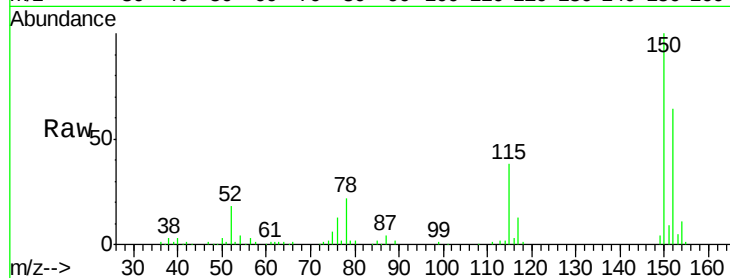


#1

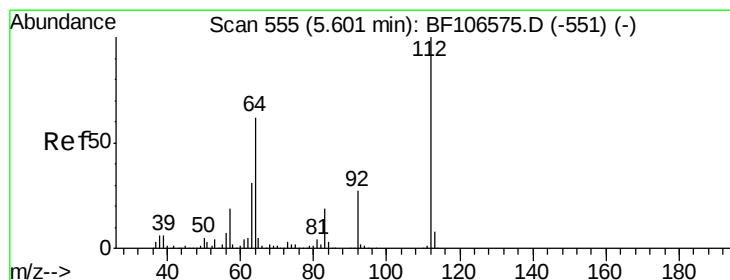
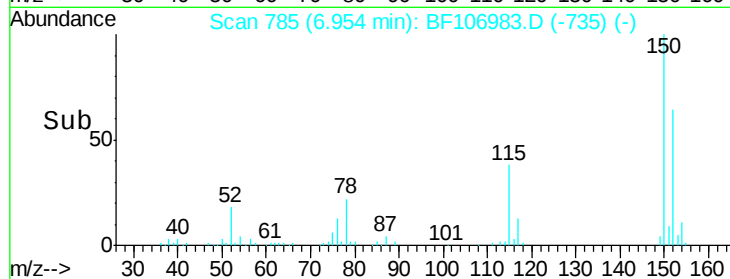
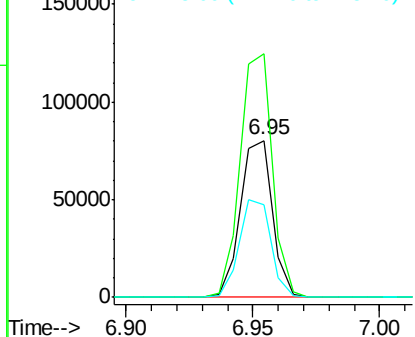
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 70430
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.8 50.1 75.1



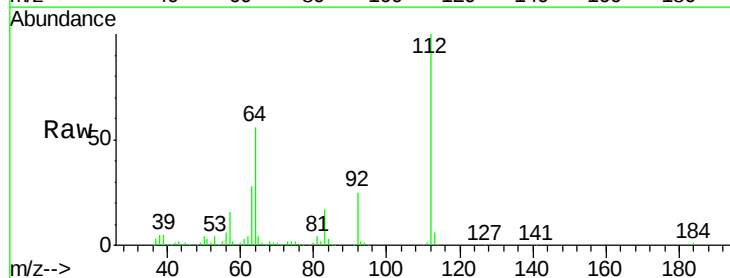
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



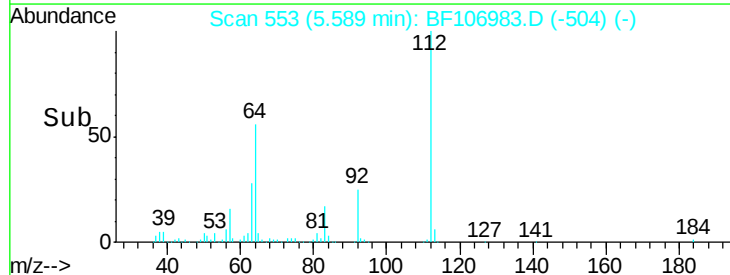
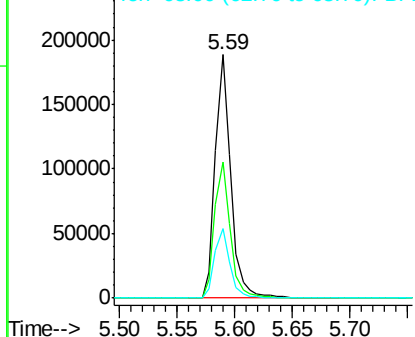
#5

2-Fluorophenol
Concen: 42.467 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Tgt Ion:112 Resp: 176634
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 28.3 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: 24.819 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5

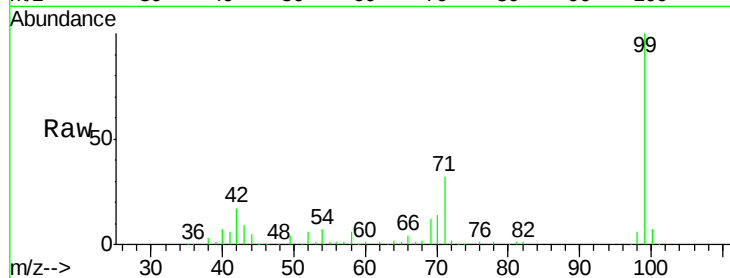
Tgt Ion: 99 Resp: 128913

Ion Ratio Lower Upper

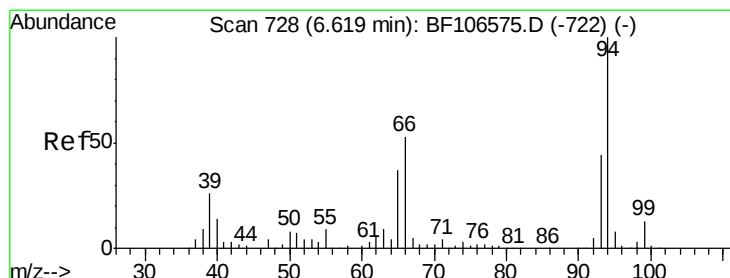
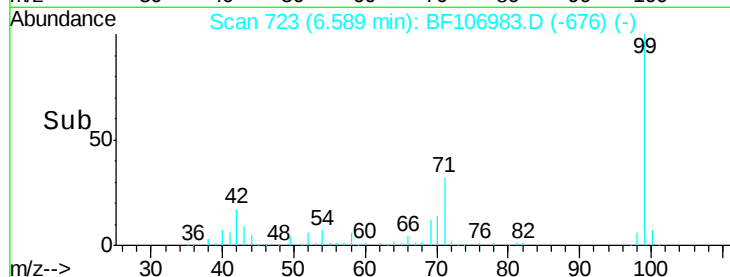
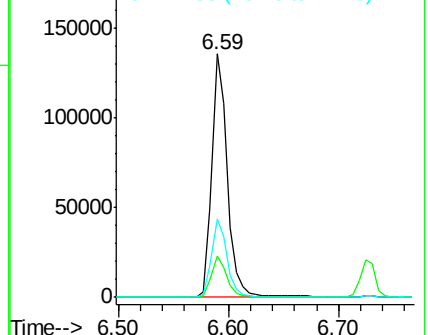
99 100

42 17.1 14.5 21.7

71 32.3 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



#10

Phenol

Concen: 4.233 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

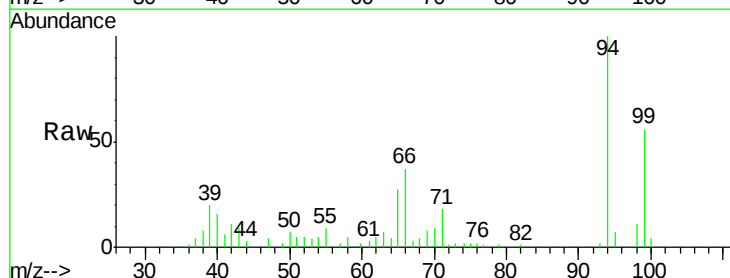
Tgt Ion: 94 Resp: 25090

Ion Ratio Lower Upper

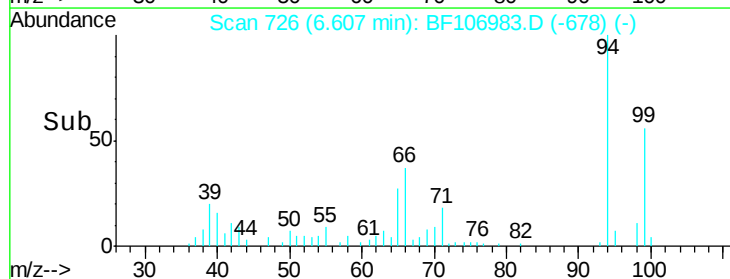
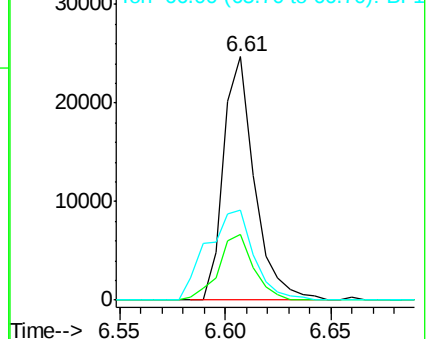
94 100

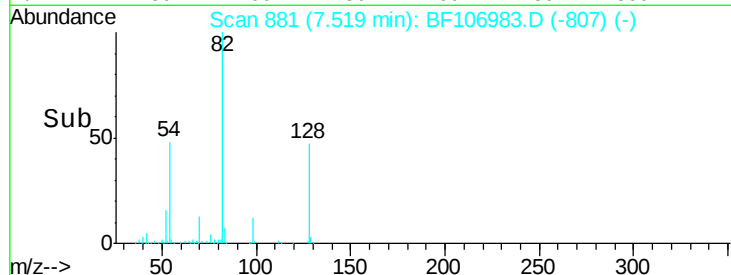
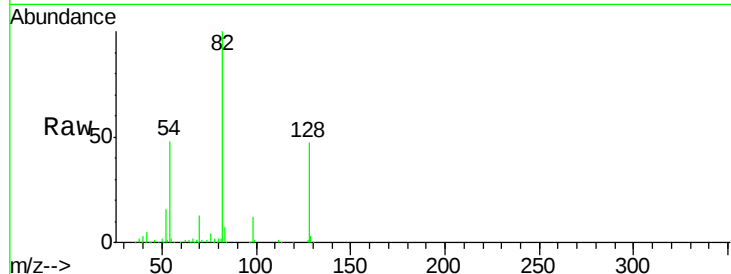
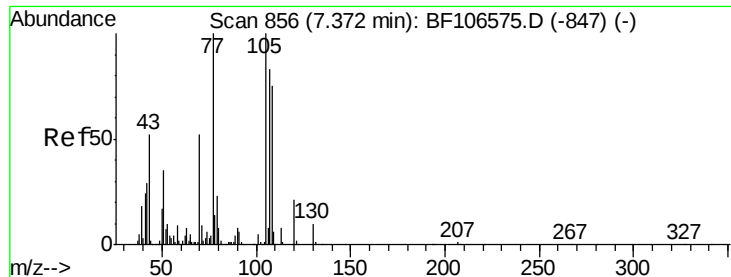
65 26.9 7.9 47.9

66 36.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

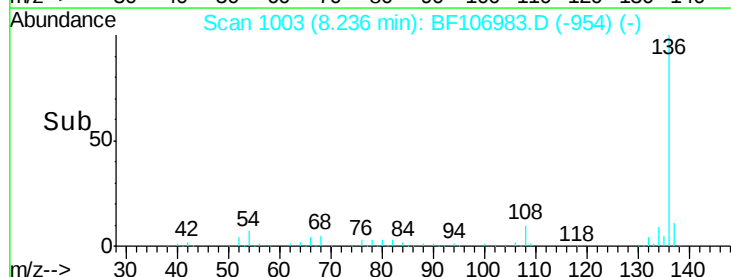
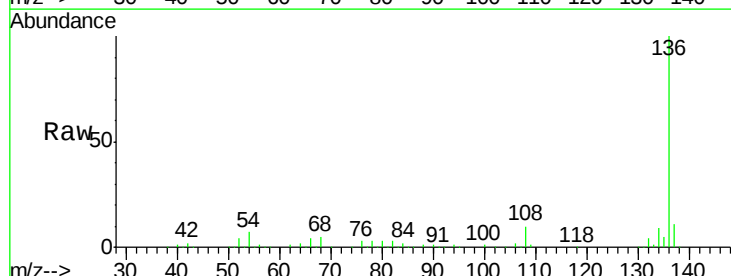
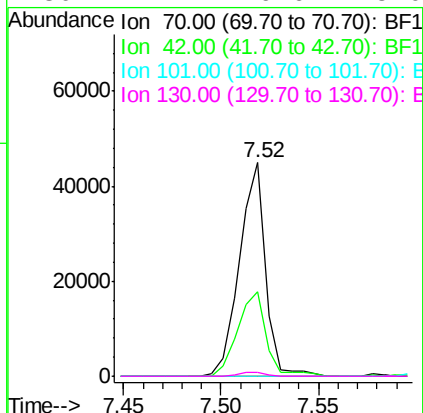




#19
n-Nitroso-di-n-propylamine
Concen: 12.129 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

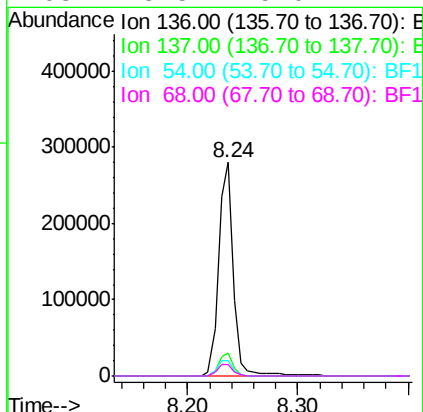
Instrument :
BNA_F
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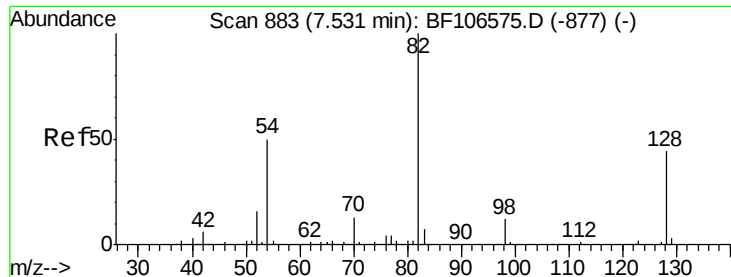
Tgt Ion:	70	Resp:	41526
Ion	Ratio	Lower	Upper
70	100		
42	39.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Tgt Ion:	136	Resp:	260270
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4

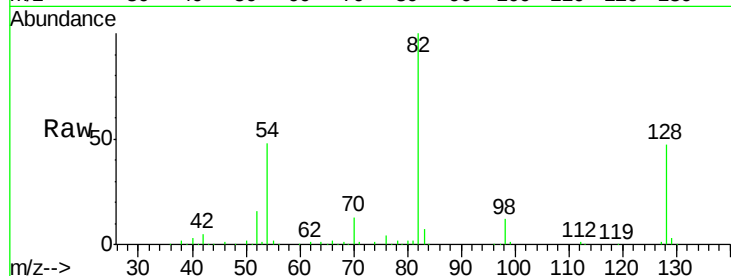




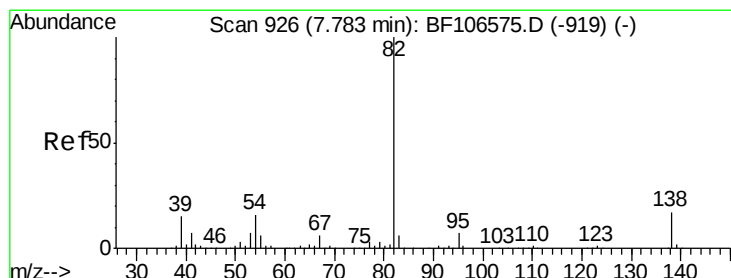
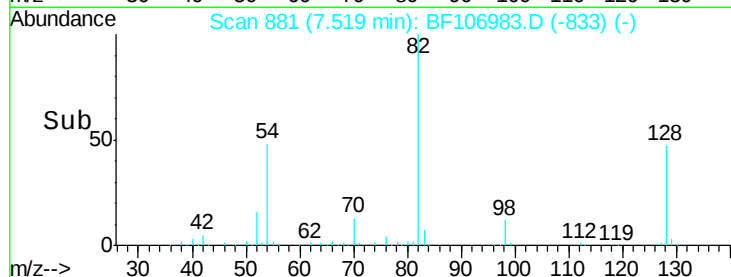
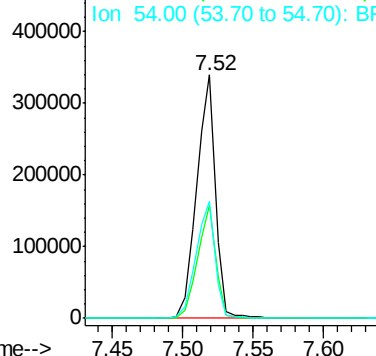
#23
 Nitrobenzene-d5
 Concen: 67.149 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion: 82 Resp: 314481
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 47.8 41.4 62.2

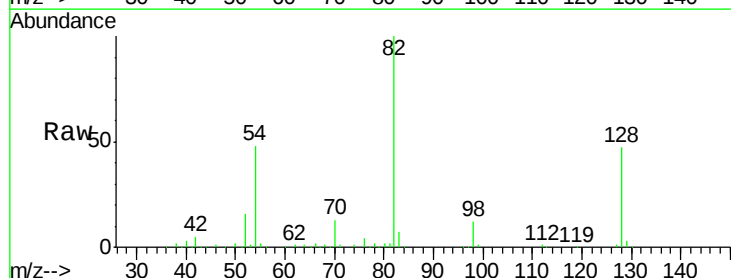


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

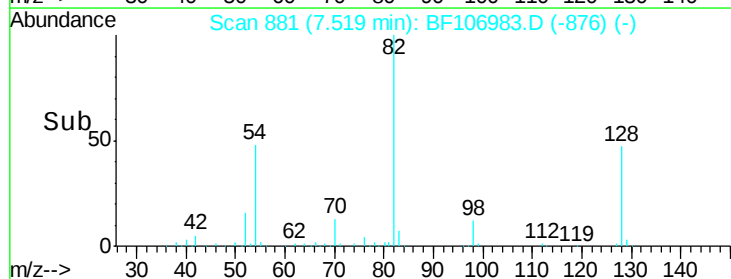
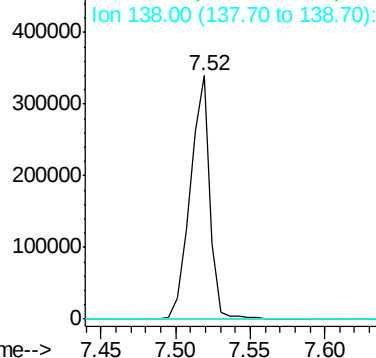


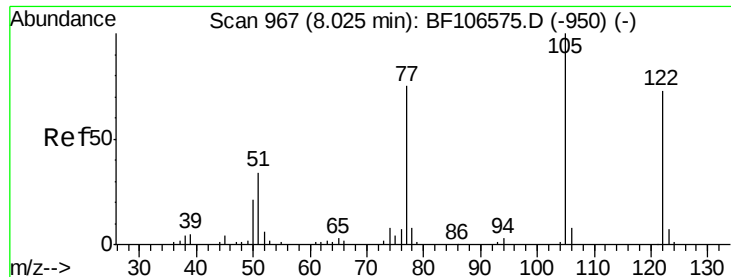
#25
 Isophorone
 Concen: 38.106 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.27 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

Tgt Ion: 82 Resp: 314478
 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

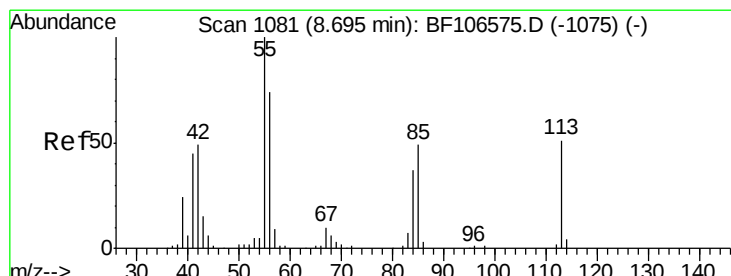
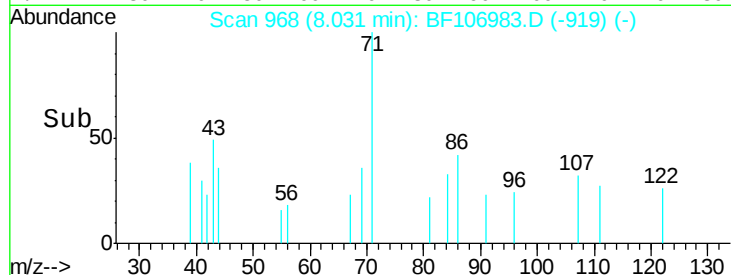
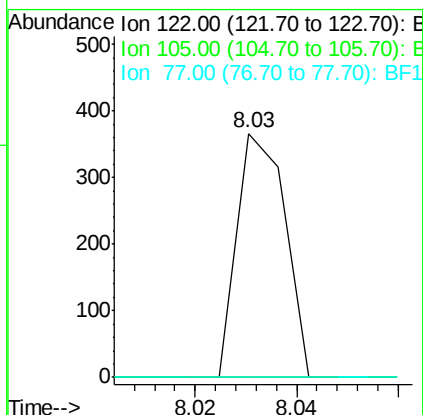
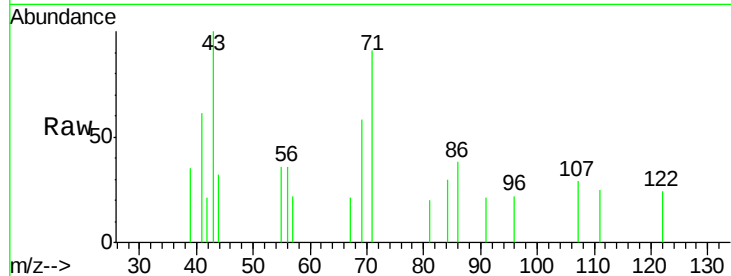




#32
Benzoic acid
Concen: 5.815 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

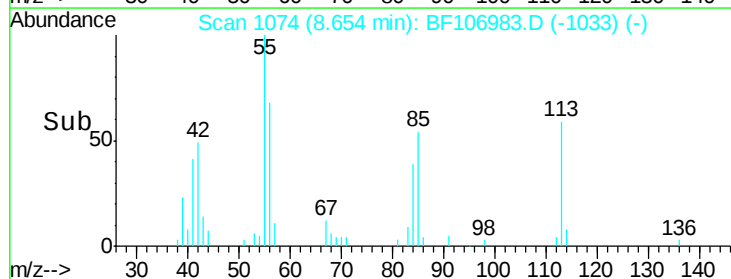
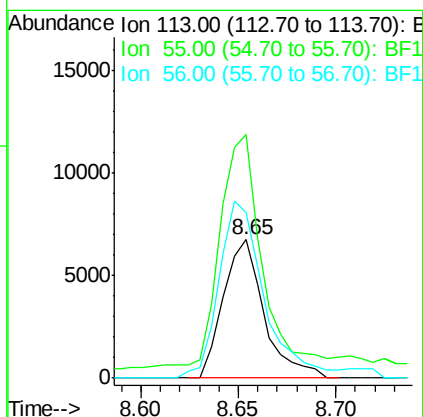
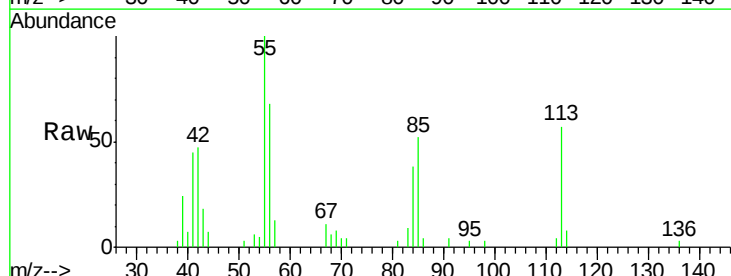
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ClientSampled :
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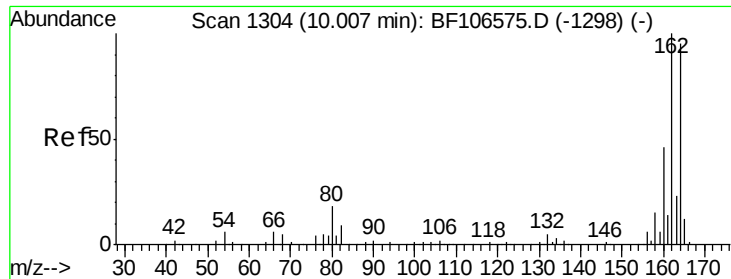
Tgt Ion:122 Resp: 241
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



#35
Caprolactam
Concen: 8.162 ng
RT: 8.65 min Scan# 1074
Delta R.T. -0.06 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Tgt Ion:113 Resp: 9718
Ion Ratio Lower Upper
113 100
55 176.3 163.3 203.3
56 119.9 115.7 155.7

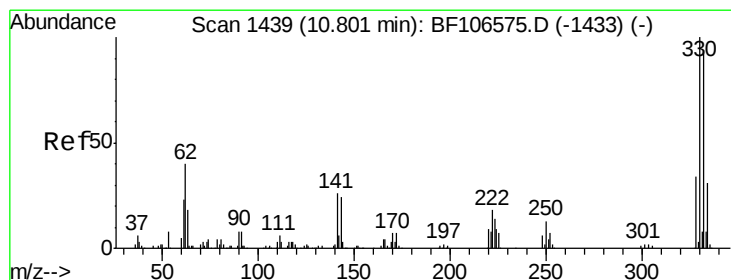
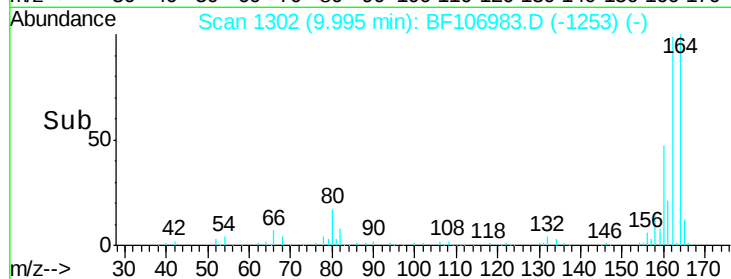
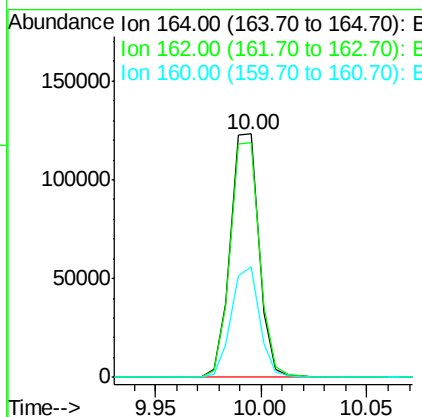
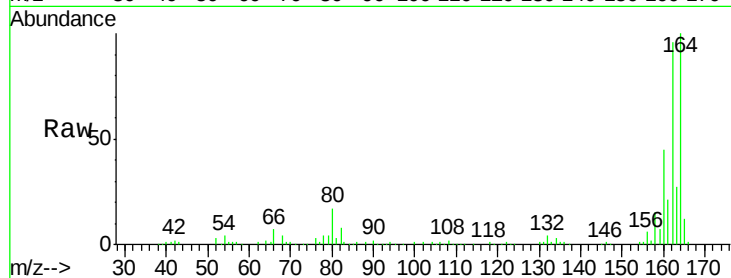




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

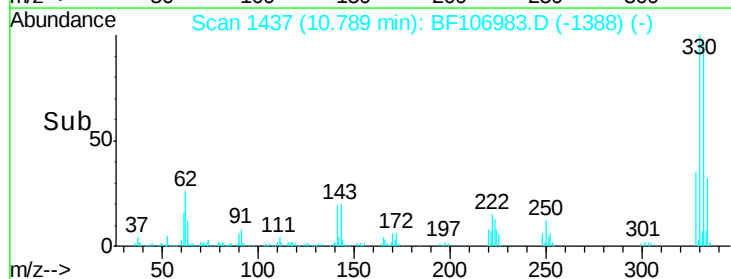
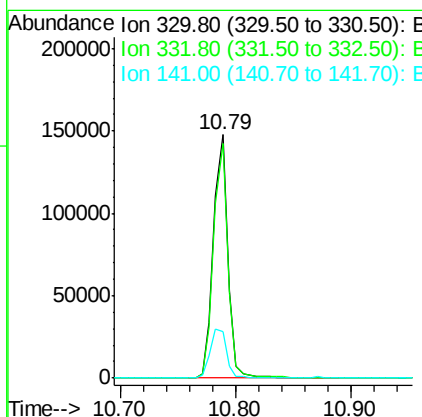
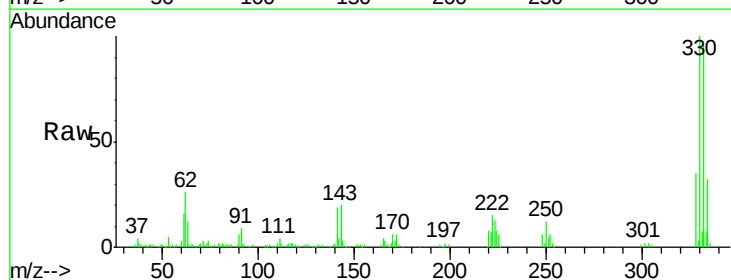
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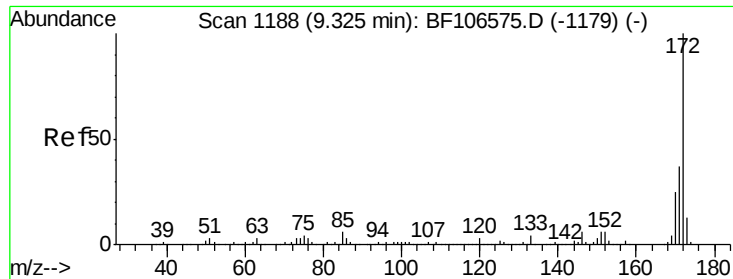
Tgt Ion:164 Resp: 115078
Ion Ratio Lower Upper
164 100
162 96.4 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 96.966 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Tgt Ion:330 Resp: 129332
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 23.3 29.9 44.9#

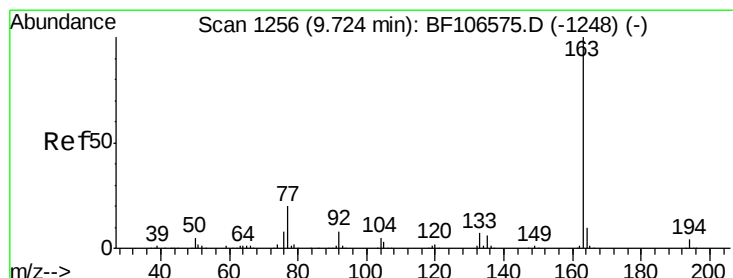
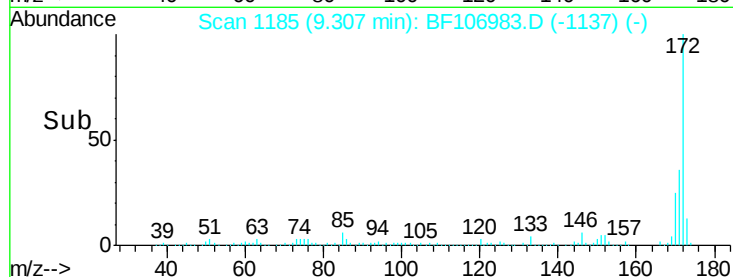
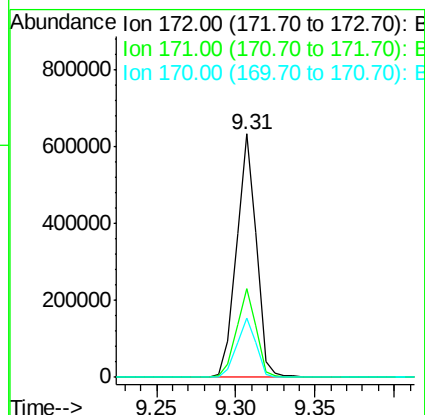
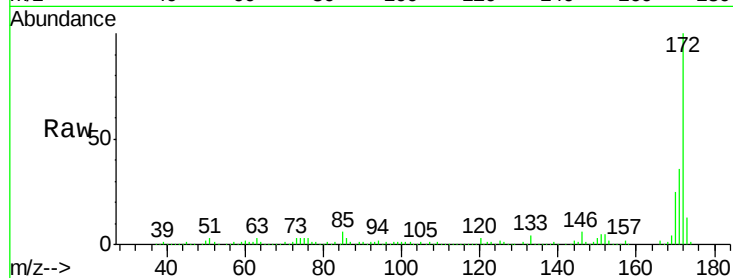




#44
 2-Fluorobiphenyl
 Concen: 79.766 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

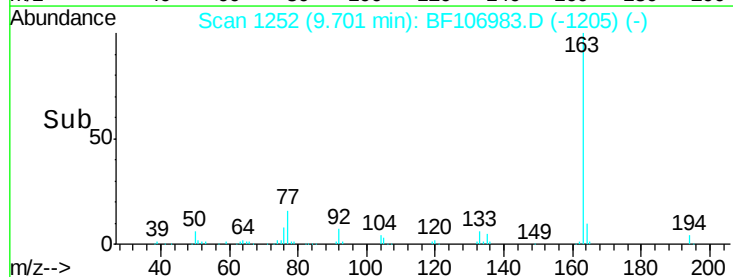
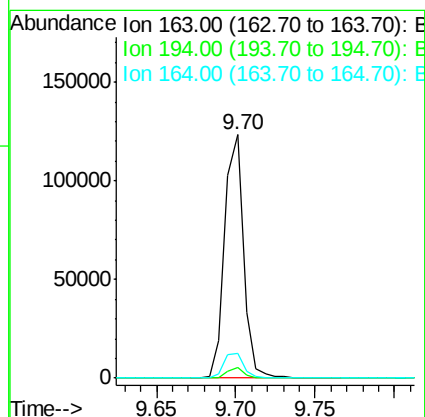
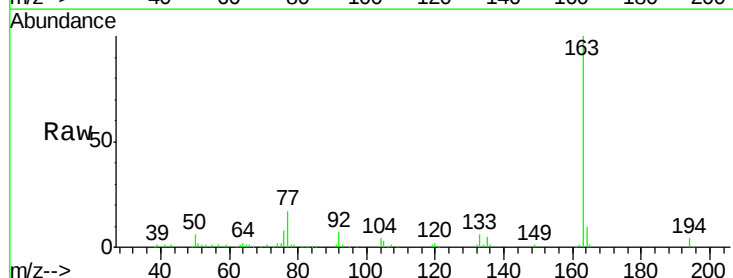
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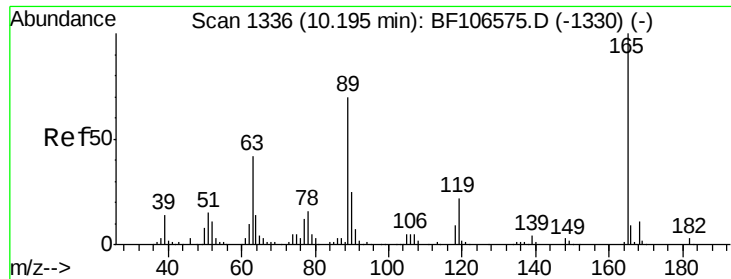
Tgt Ion:172 Resp: 548486
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 11.813 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

Tgt Ion:163 Resp: 101956
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.1 8.2 12.2

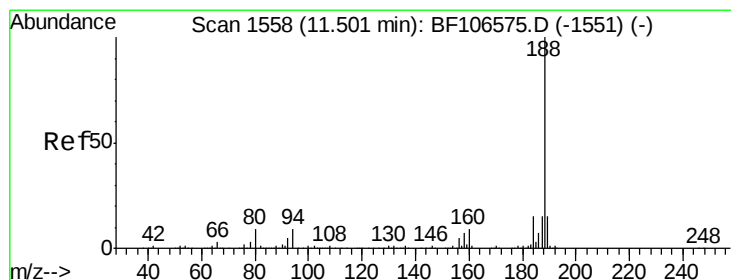
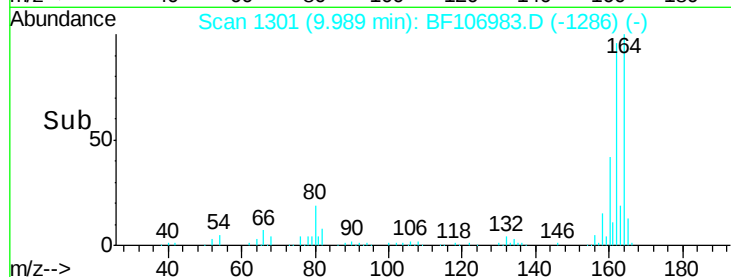
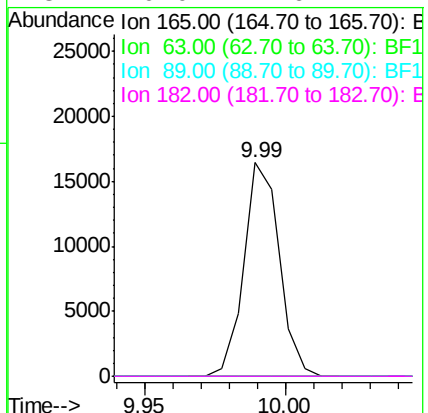
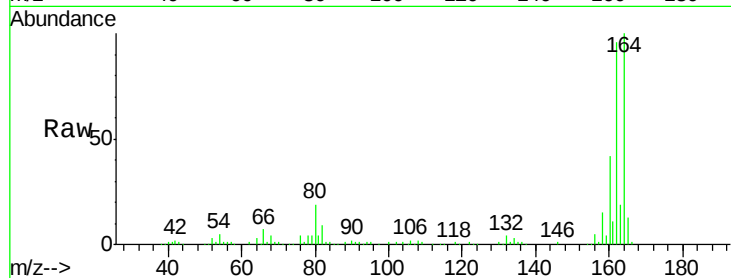




#56
 2,4-Dinitrotoluene
 Concen: 5.994 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

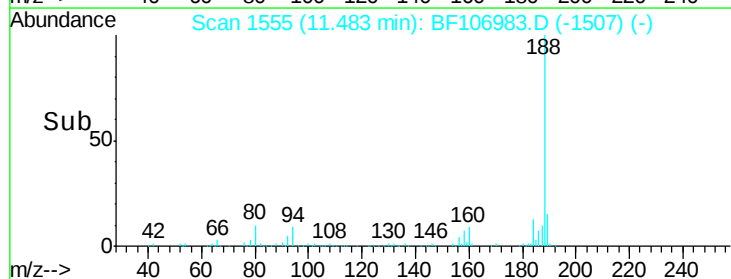
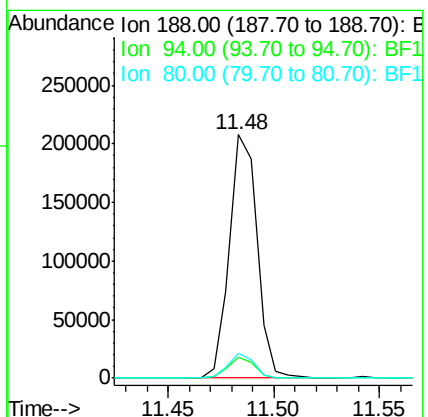
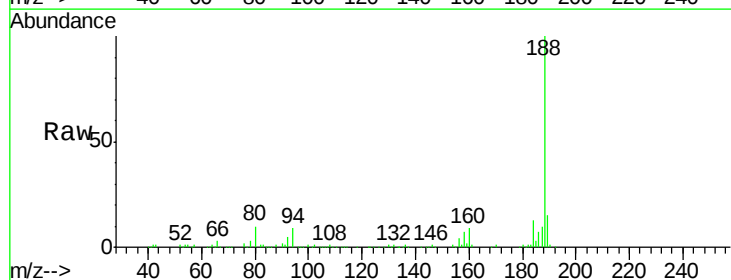
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

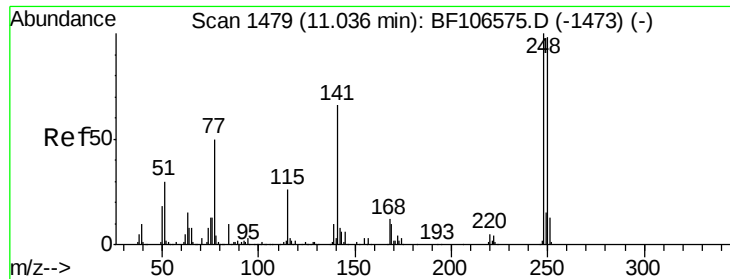
Tgt Ion:	165	Resp:	14299
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF106983.D
 Acq: 29 Jun 2018 19:47

Tgt Ion:	188	Resp:	187641
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	10.1	9.2	13.8

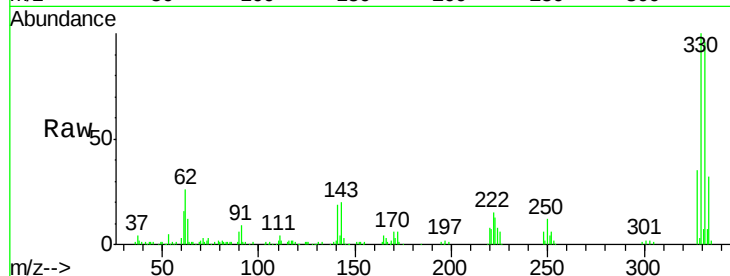




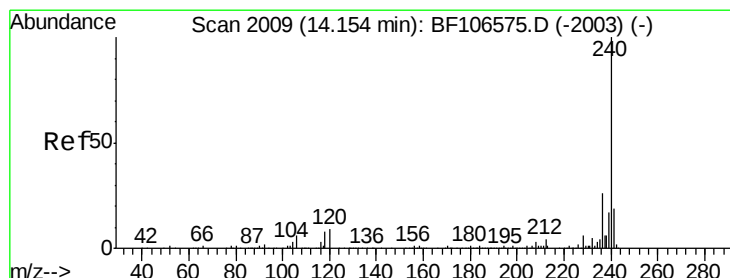
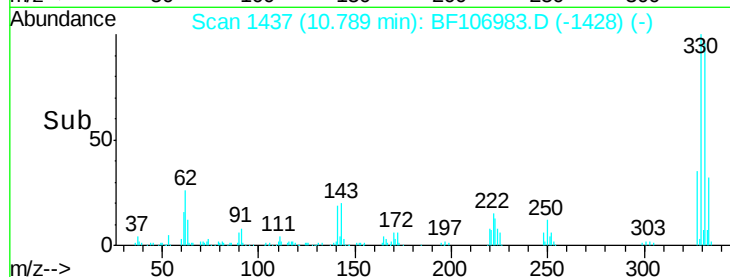
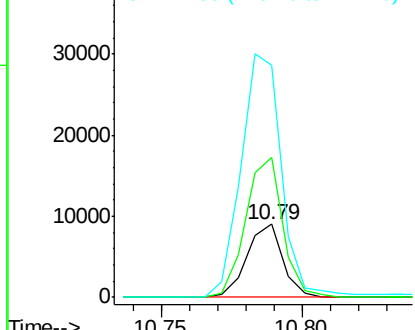
#66
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 248 Resp: 7970
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 318.3 74.4 111.6#

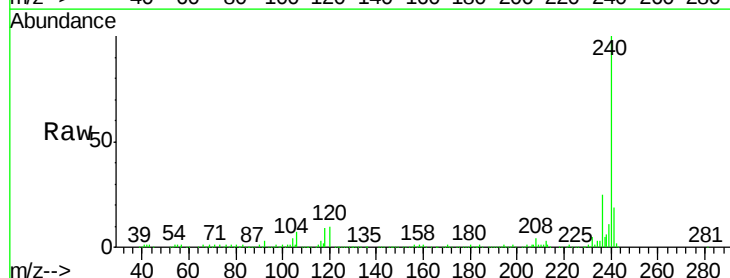


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

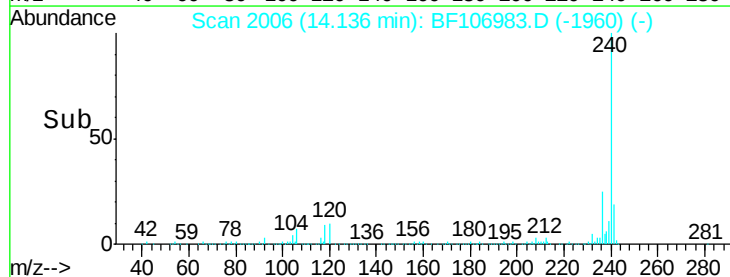
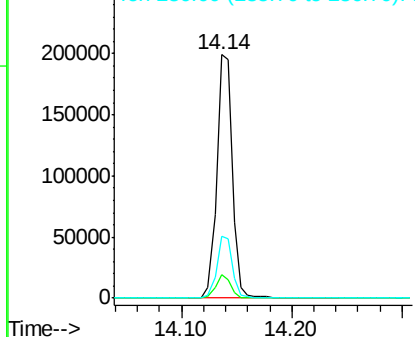


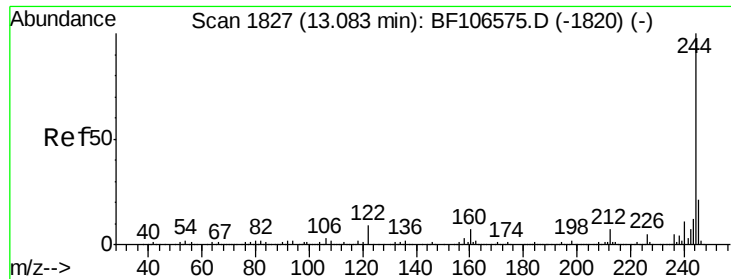
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106983.D
Acq: 29 Jun 2018 19:47

Tgt Ion: 240 Resp: 194903
Ion Ratio Lower Upper
240 100
120 9.7 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: 74.462 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

Instrument :

BNA_F

ClientSampleId :

MW-5

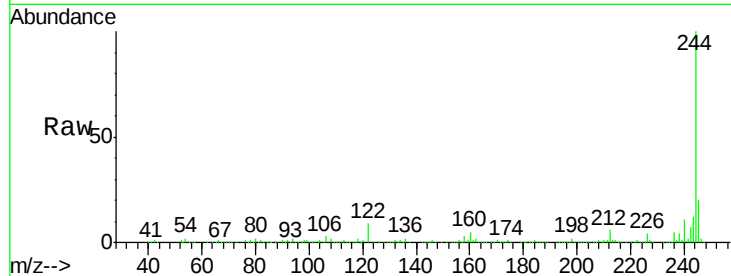
Tgt Ion:244 Resp: 599139

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

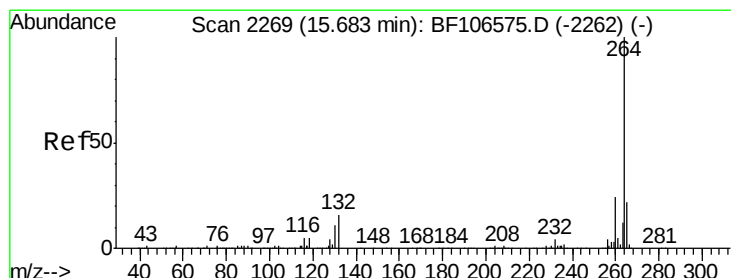
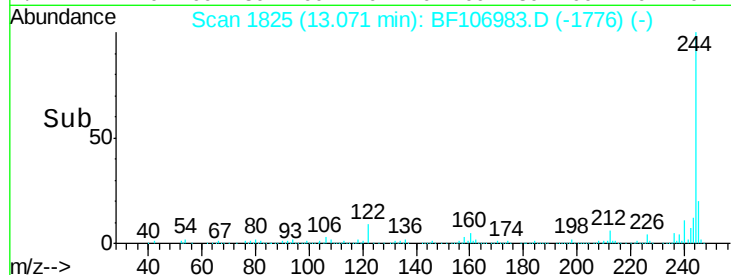
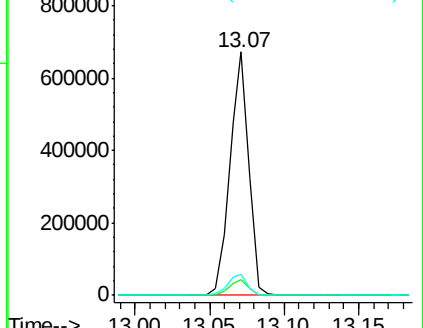
122 8.6 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF106983.D

Acq: 29 Jun 2018 19:47

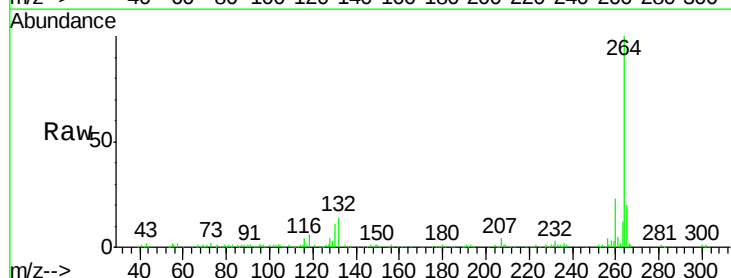
Tgt Ion:264 Resp: 148514

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.2 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

