

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
 Data File : BF106554.D
 Acq On : 18 Jun 2018 23:14
 Operator : JU/SJ
 Sample : J3564-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jun 19 01:09:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

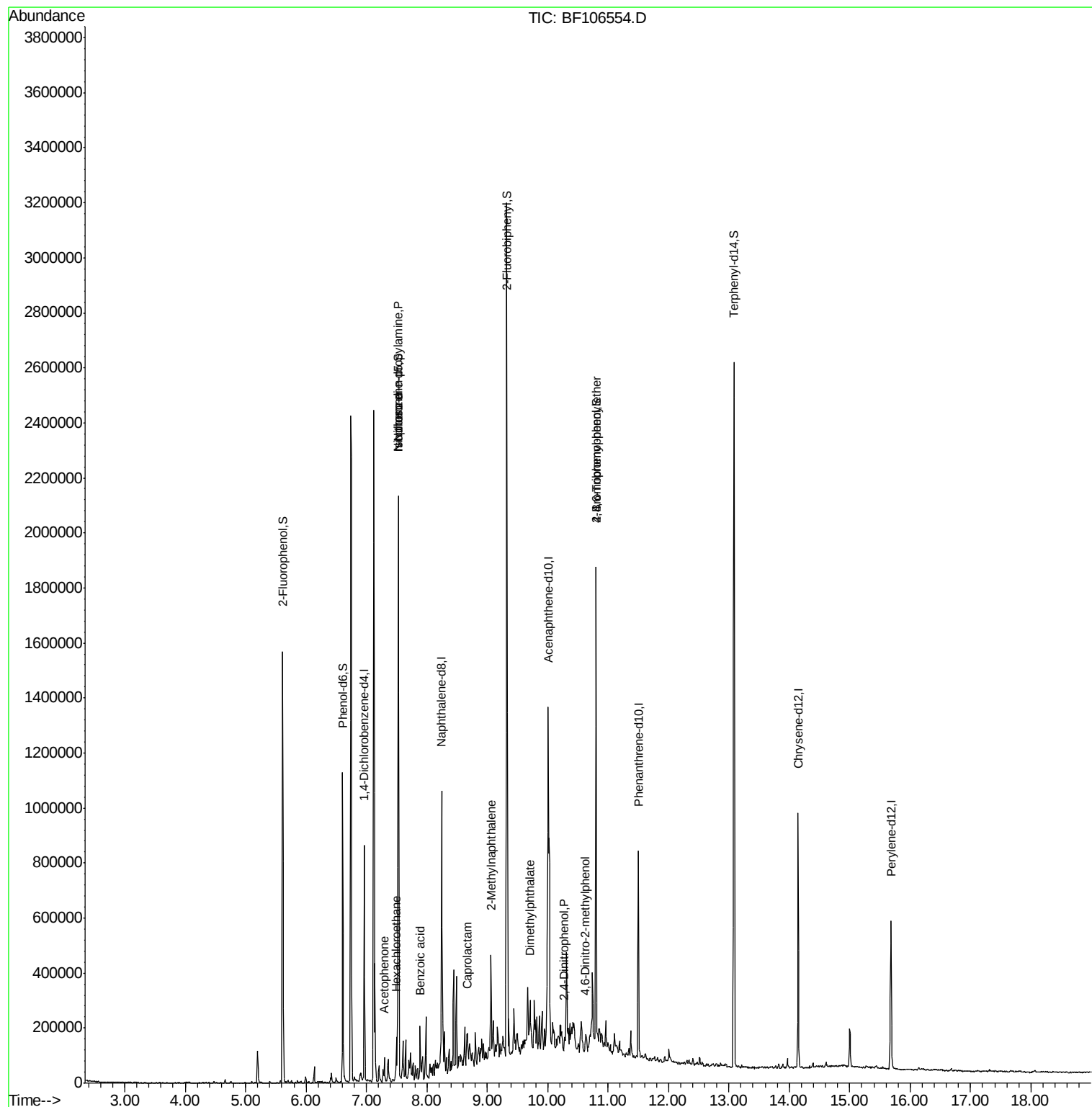
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112603	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	400595	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	298931	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	270675	20.00	ng	0.00
75) Chrysene-d12	14.15	240	297322	20.00	ng	0.00
86) Perylene-d12	15.68	264	265304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	430636	64.73	ng	0.00
7) Phenol-d6	6.61	99	336416	40.02	ng	0.00
23) Nitrobenzene-d5	7.53	82	674779	99.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	237306	82.51	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1052149	55.30	ng	0.00
78) Terphenyl-d14	13.08	244	1011248	84.48	ng	0.00
Target Compounds						
18) Hexachloroethane	7.50	117	18296	6.009	ng	# 39
19) n-Nitroso-di-n-propylamine	7.53	70	89309	14.162	ng	# 75
22) Acetophenone	7.30	105	20661	2.047	ng	# 68
25) Isophorone	7.53	82	675284	50.771	ng	# 64
32) Benzoic acid	7.90	122	553	7.402	ng	# 1
35) Caprolactam	8.67	113	20681	11.255	ng	# 84
37) 2-Methylnaphthalene	9.06	142	64286	5.212	ng	# 94
49) Dimethylphthalate	9.71	163	50033	2.343	ng	# 98
53) 2,4-Dinitrophenol	10.27	184	120	8.667	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	250	6.444	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14885	4.835	ng	# 1

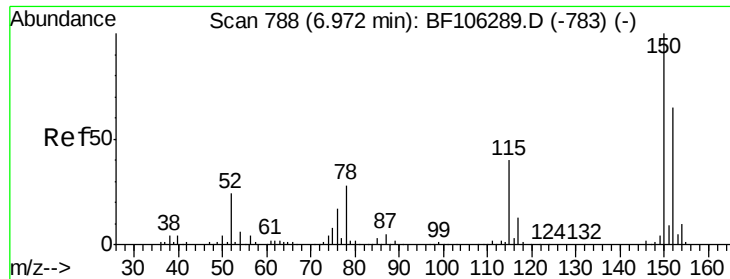
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061818\
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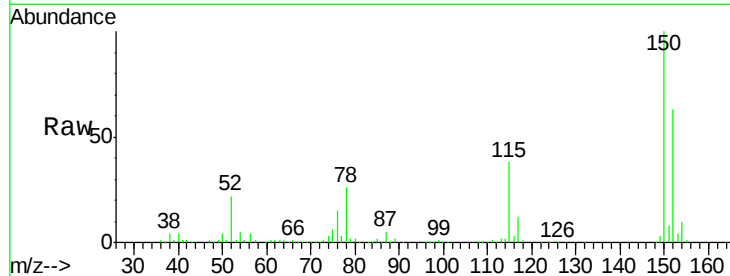


#1

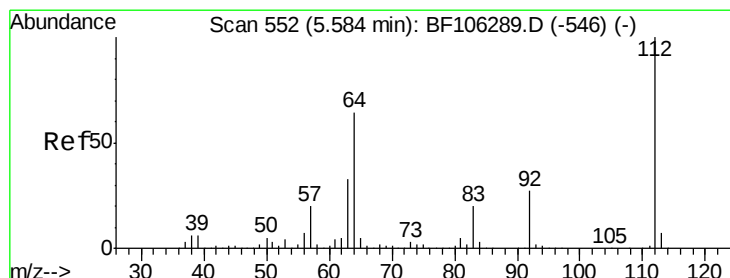
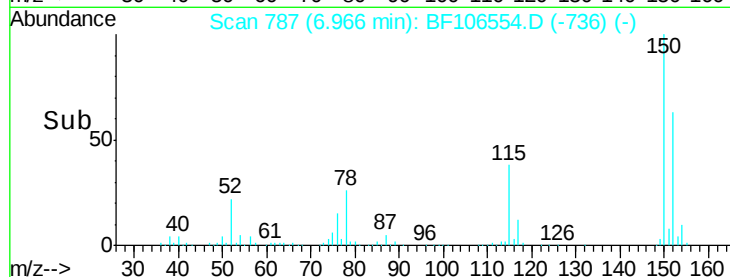
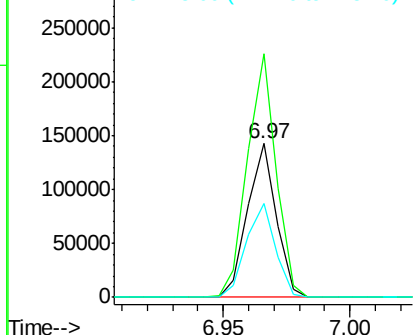
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 112603
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.8 50.1 75.1



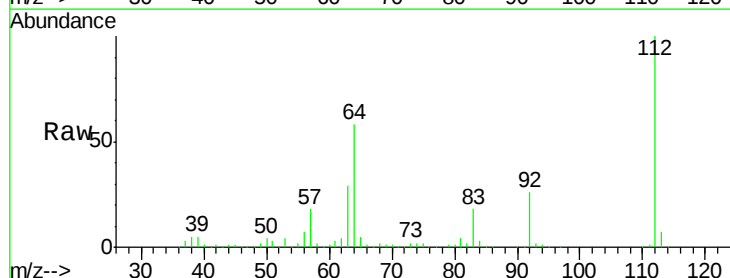
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



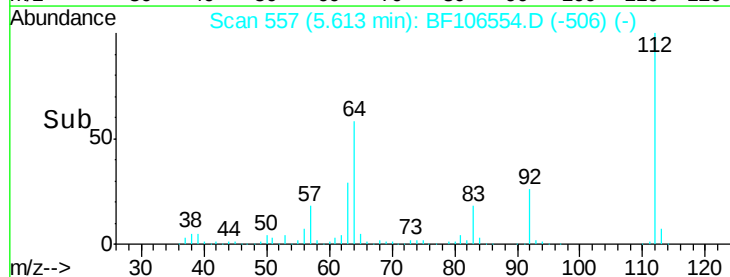
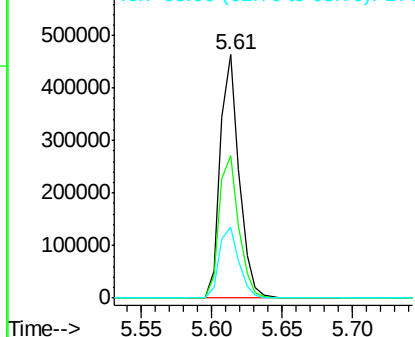
#5

2-Fluorophenol
Concen: 64.727 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

Tgt Ion:112 Resp: 430636
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 29.2 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: 40.023 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

Instrument :

BNA_F

ClientSampled :

MW-20

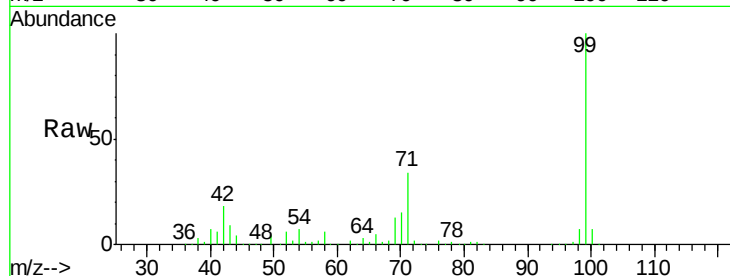
Tgt Ion: 99 Resp: 336416

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

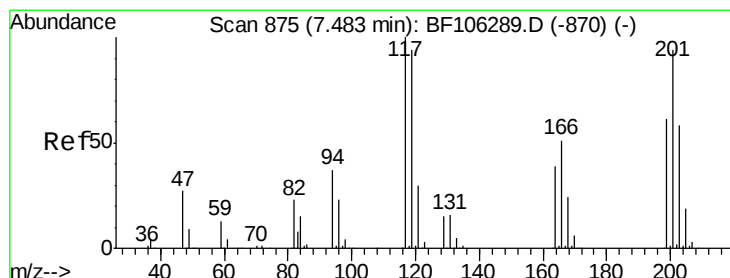
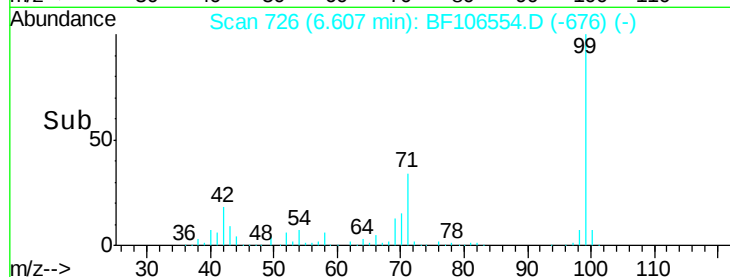
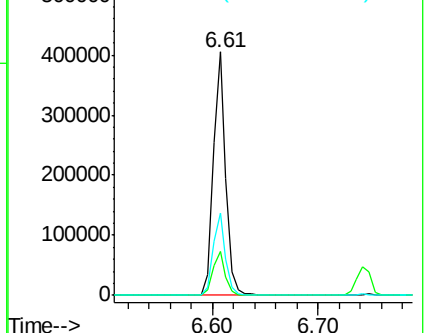
71 33.7 25.4 38.0



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



#18

Hexachloroethane

Concen: 6.009 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

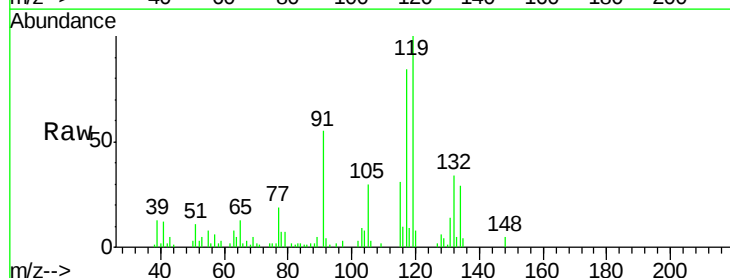
Tgt Ion: 117 Resp: 18296

Ion Ratio Lower Upper

117 100

119 119.0 75.8 113.8#

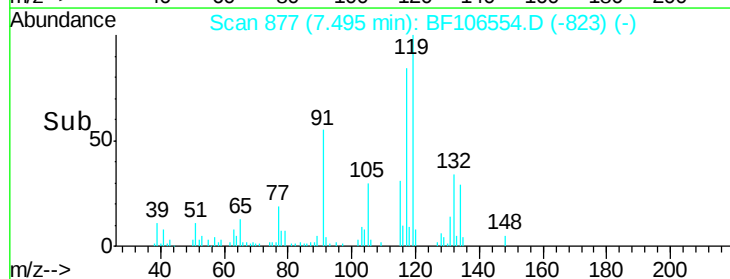
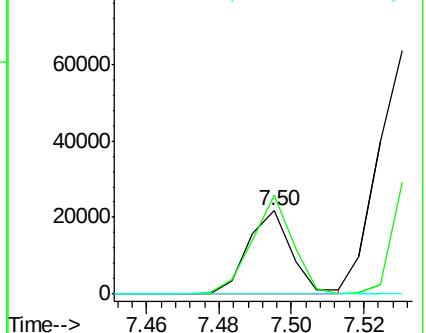
201 0.0 75.7 113.5#

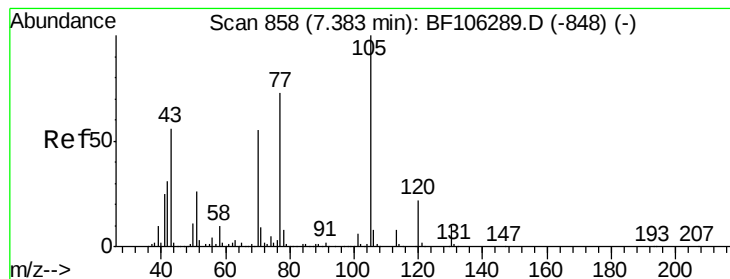


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 14.162 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

Instrument :

BNA_F

ClientSampleId :

MW-20

Tgt Ion: 70 Resp: 89309

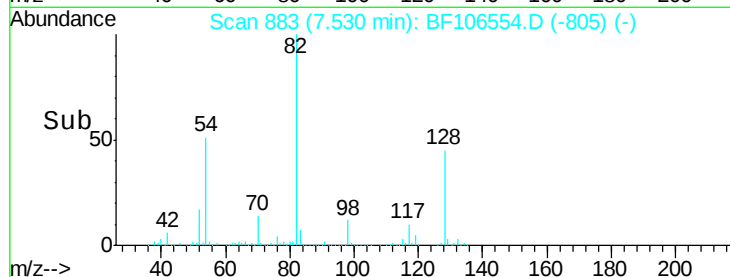
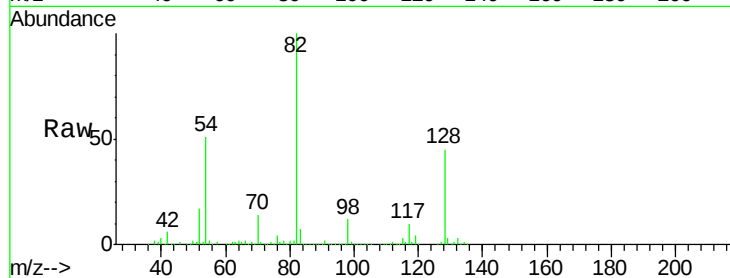
Ion Ratio Lower Upper

70 100

42 44.1 47.5 71.3#

101 0.5 7.4 11.2#

130 2.2 16.6 25.0#

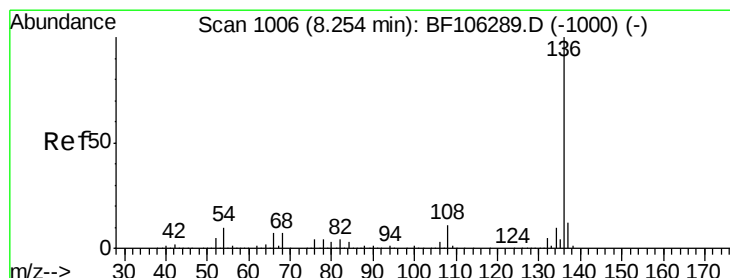
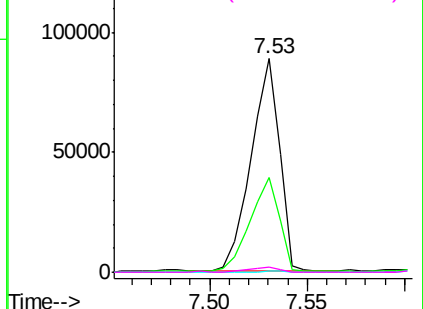


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

Tgt Ion: 136 Resp: 400595

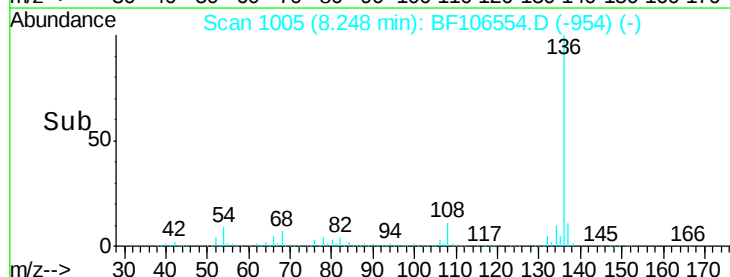
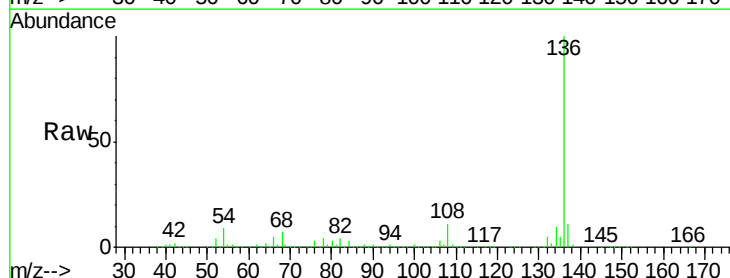
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.7 6.6 9.8

68 6.9 5.0 7.4

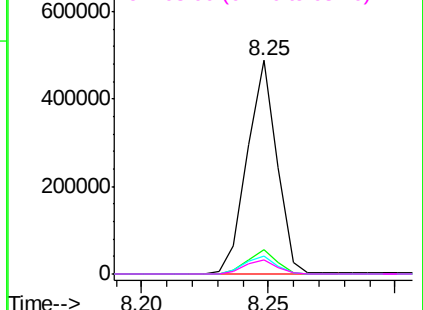


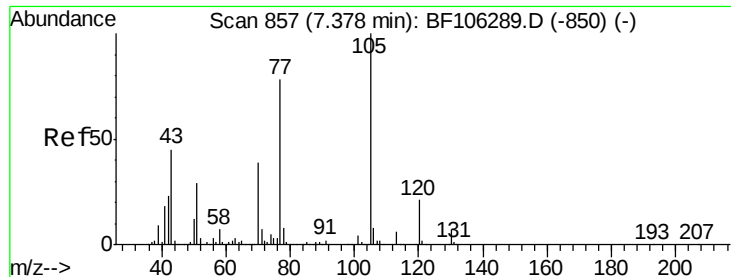
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

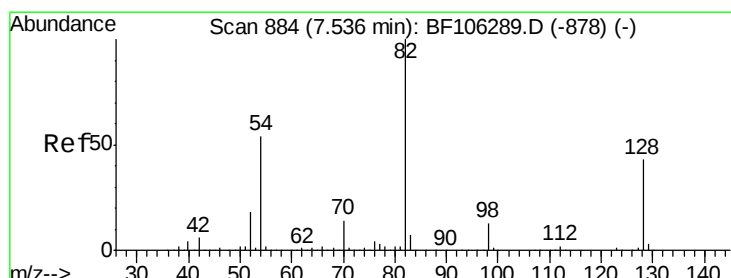
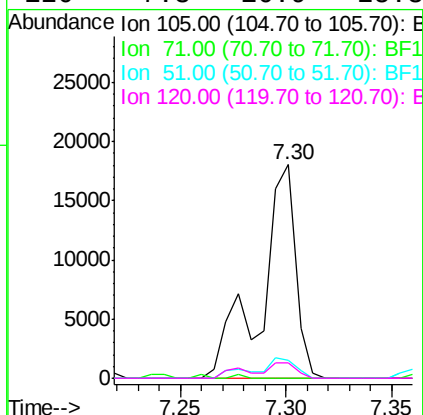
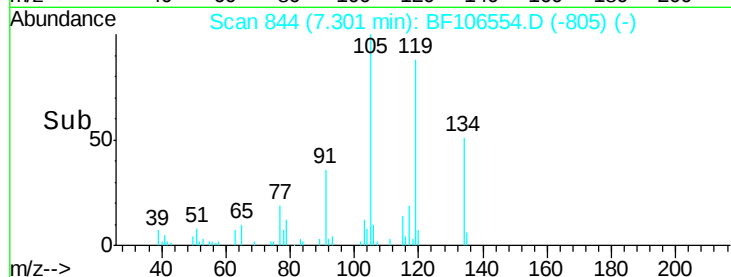
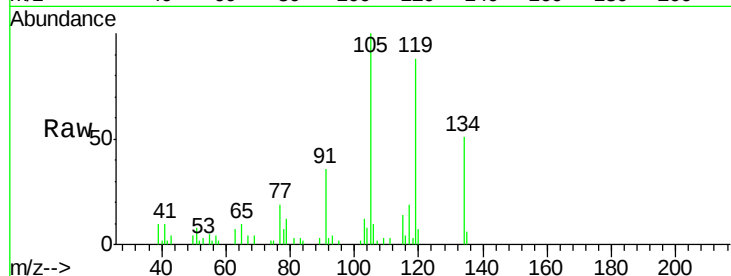




#22
Acetophenone
Concen: 2.047 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.07 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

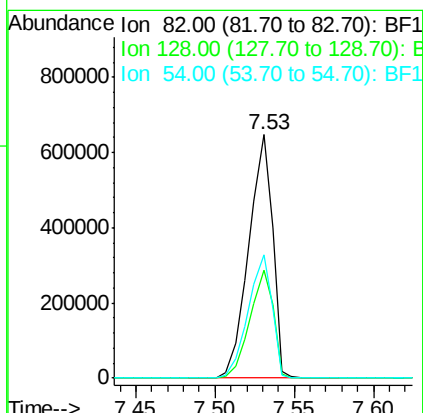
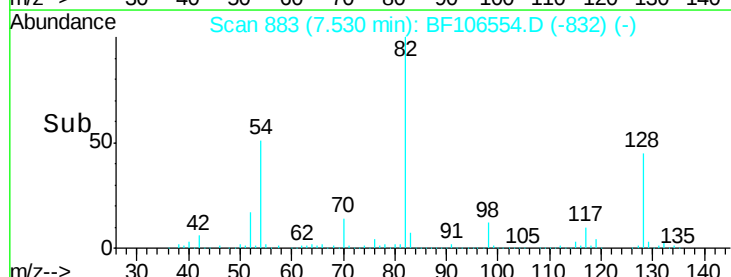
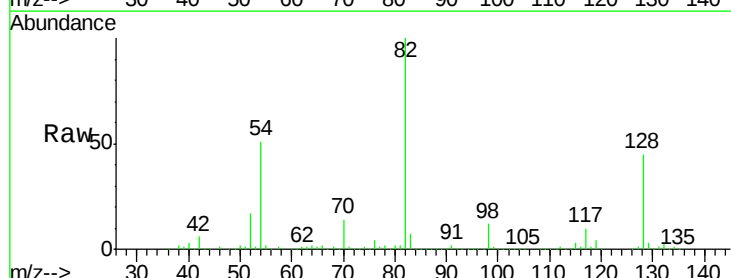
Instrument :
BNA_F
ClientSampleId :
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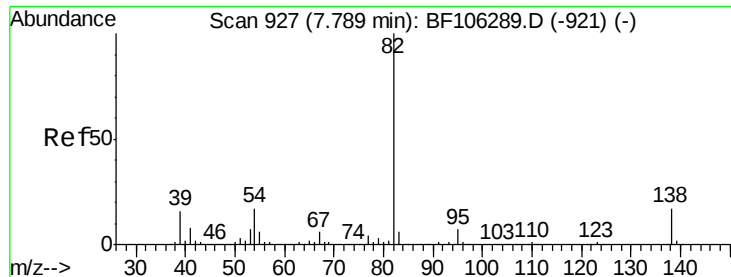
Tgt Ion:105 Resp: 20661
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 8.4 22.3 33.5#
120 7.3 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 99.093 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

Tgt Ion: 82 Resp: 674779
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 50.7 41.4 62.2





#25

Isophorone

Concen: 50.771 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

Instrument :

BNA_F

ClientSampleId :

MW-20

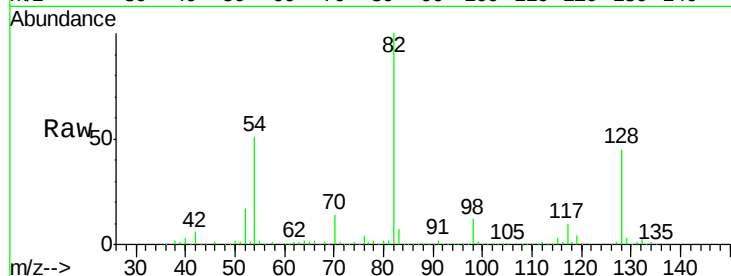
Tgt Ion: 82 Resp: 675284

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

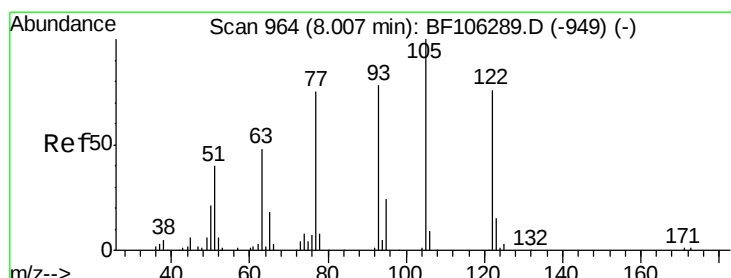
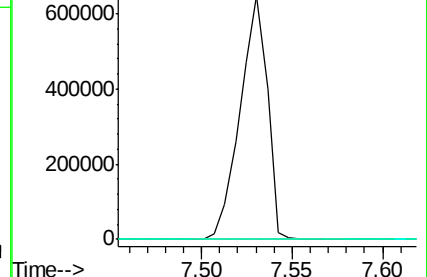
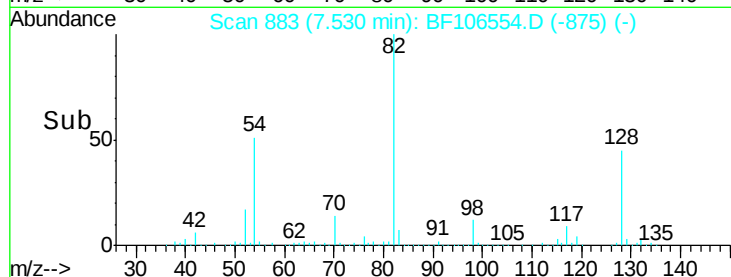
138 0.0 14.9 22.3#



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: 7.402 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.11 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

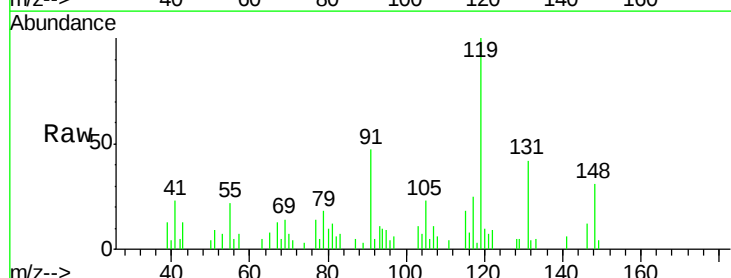
Tgt Ion: 122 Resp: 553

Ion Ratio Lower Upper

122 100

105 263.1 101.1 141.1#

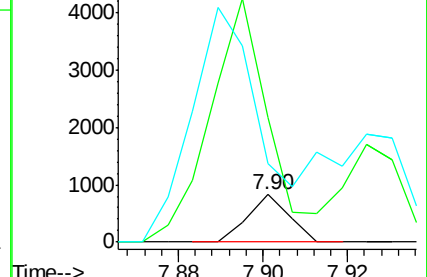
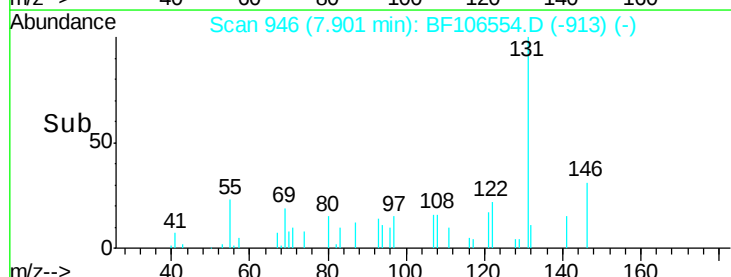
77 166.5 70.7 110.7#

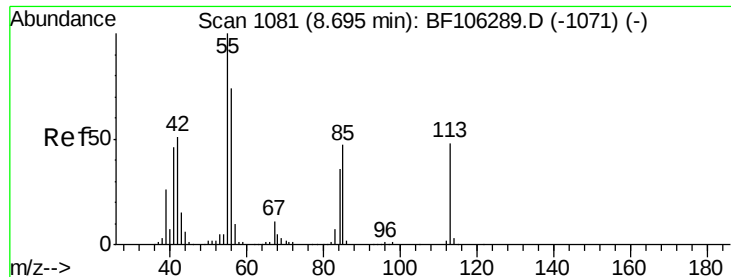


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

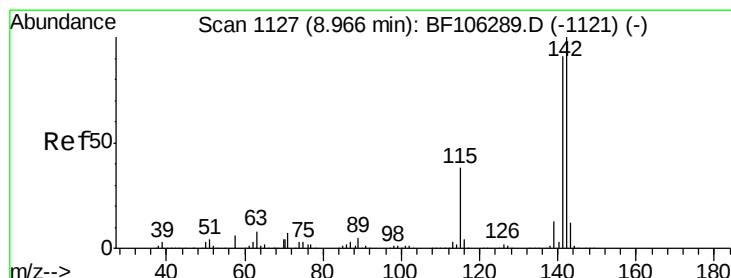
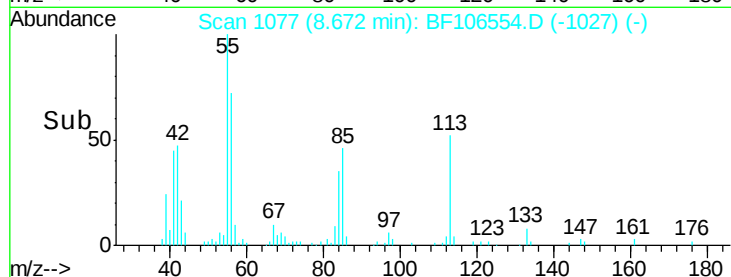
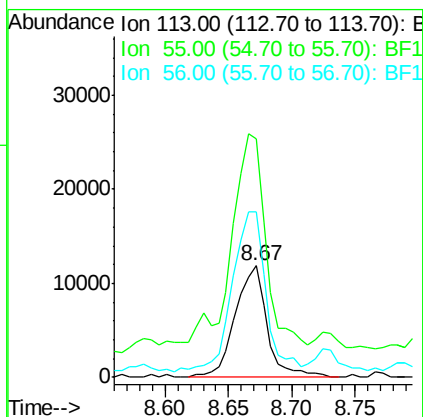
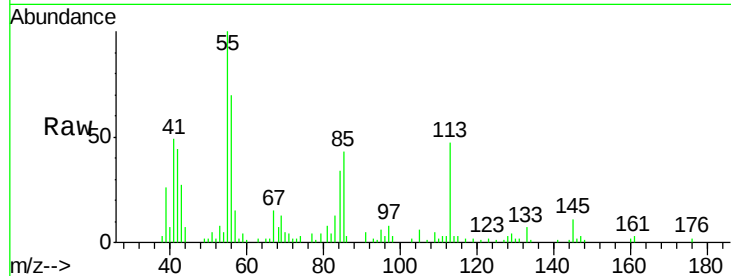




#35
 Caprolactam
 Concen: 11.255 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

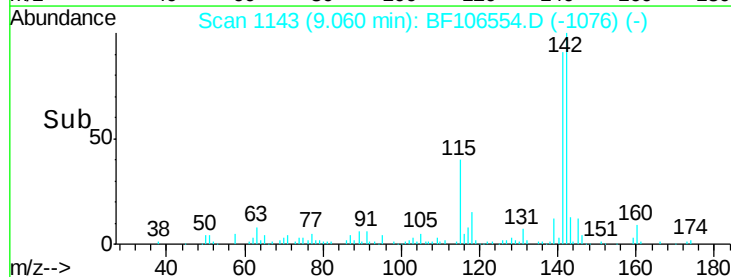
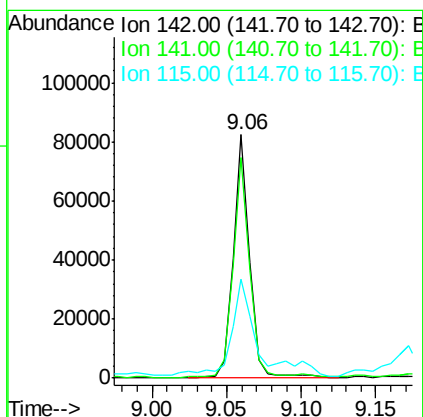
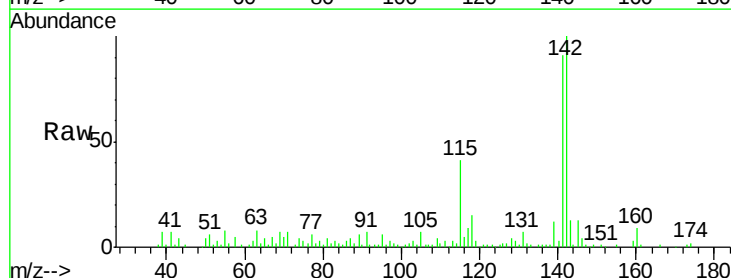
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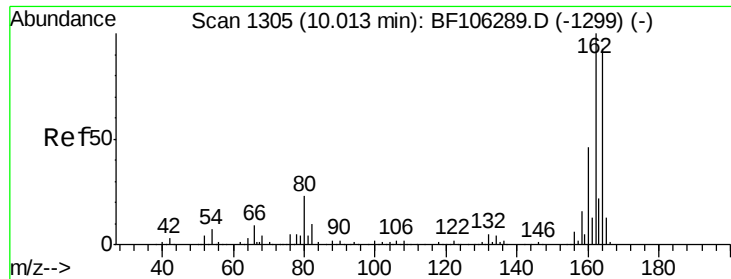
Tgt Ion:113 Resp: 20681
 Ion Ratio Lower Upper
 113 100
 55 213.0 163.3 203.3#
 56 148.6 115.7 155.7



#37
 2-Methylnaphthalene
 Concen: 5.212 ng
 RT: 9.06 min Scan# 1143
 Delta R.T. 0.09 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

Tgt Ion:142 Resp: 64286
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.8 106.2
 115 40.8 26.1 39.1#

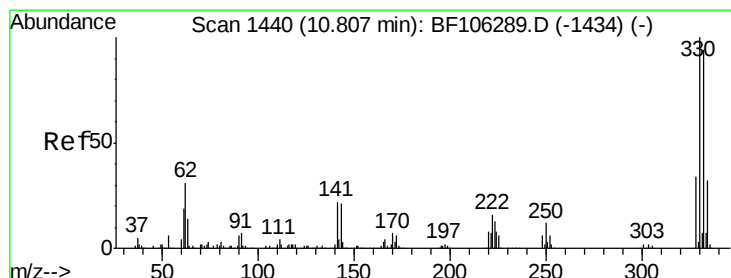
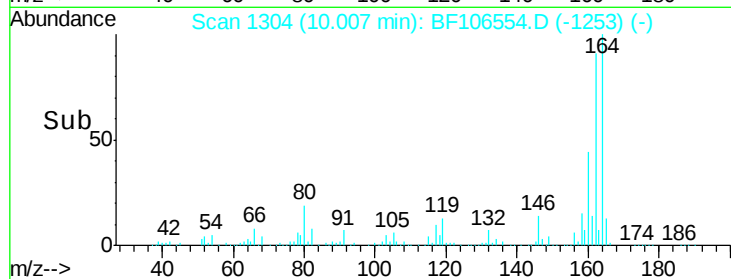
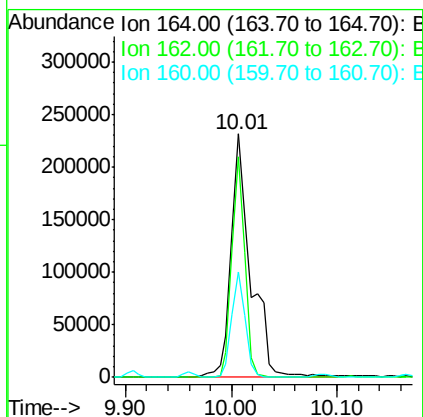
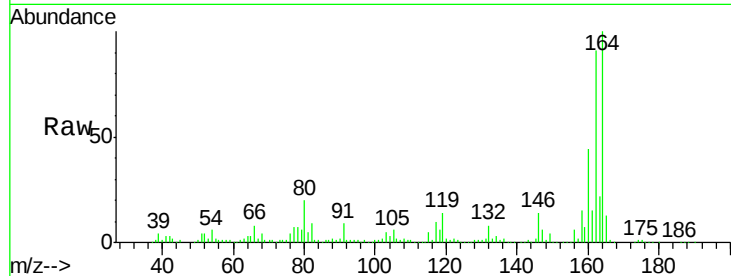




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

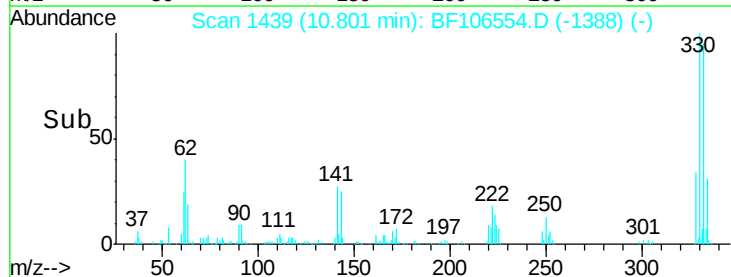
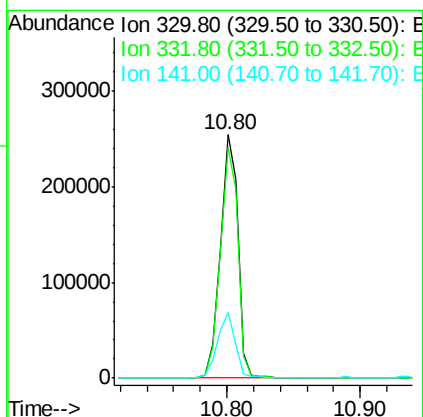
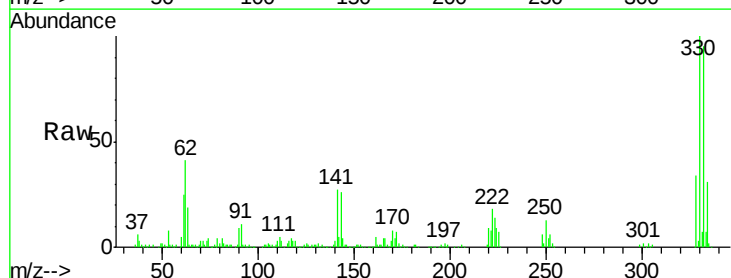
Instrument :
BNA_F
ClientSampleId :
MW-20

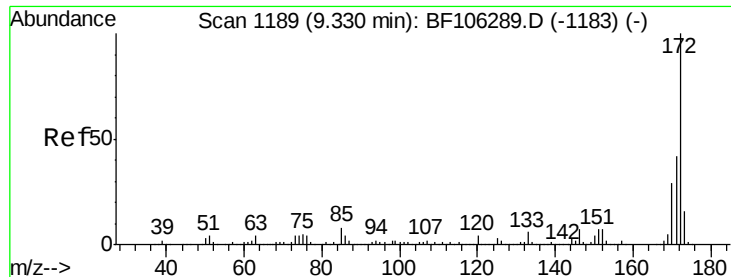
Tgt Ion:164 Resp: 298931
Ion Ratio Lower Upper
164 100
162 90.8 86.1 129.1
160 43.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 82.506 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

Tgt Ion:330 Resp: 237306
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 26.4 29.9 44.9#

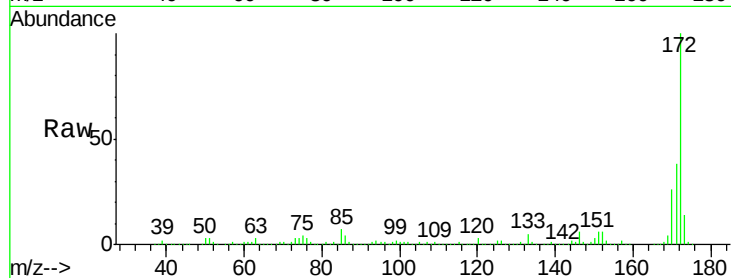




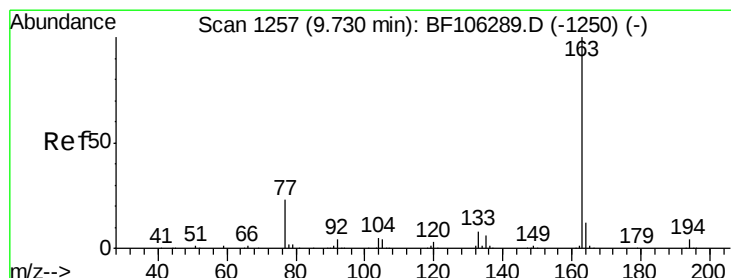
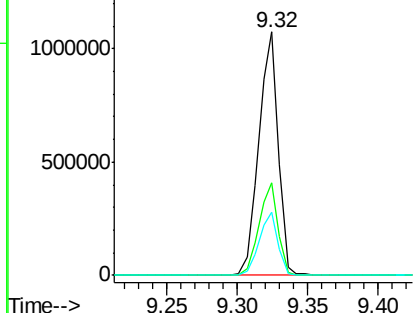
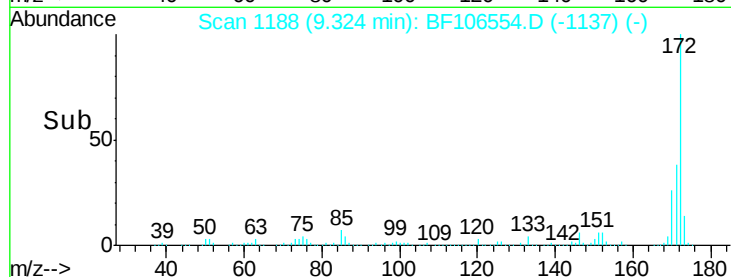
#44
 2-Fluorobiphenyl
 Concen: 55.305 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

Instrument :
 BNA_F
 ClientSampled :
 MW-20

Tgt Ion:172 Resp: 1052149
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 25.7 19.6 29.4

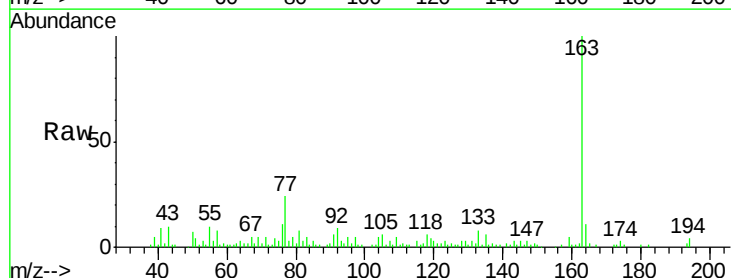


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

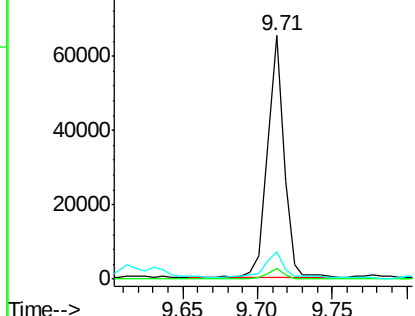
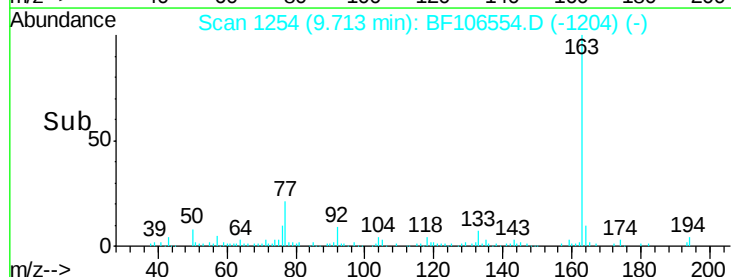


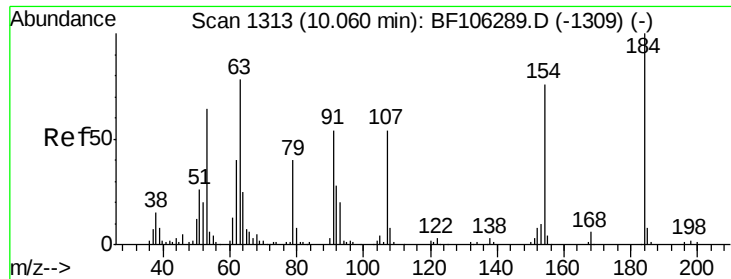
#49
 Dimethylphthalate
 Concen: 2.343 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

Tgt Ion:163 Resp: 50033
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 11.1 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

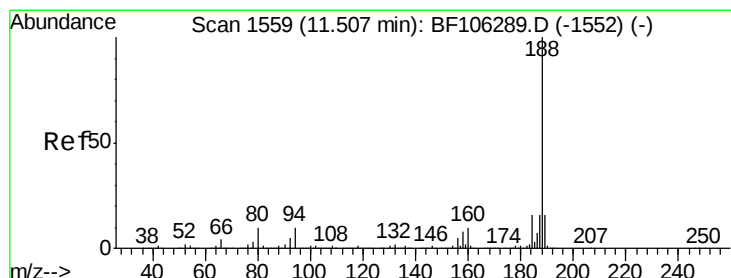
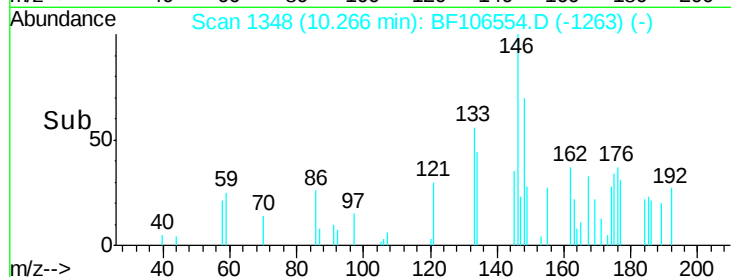
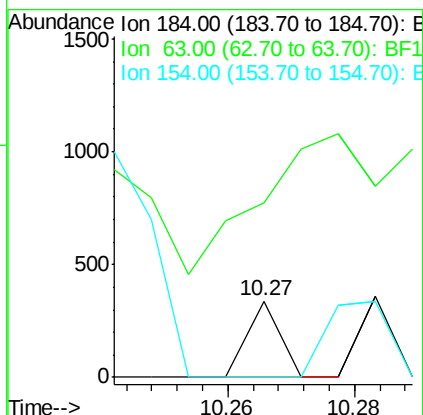
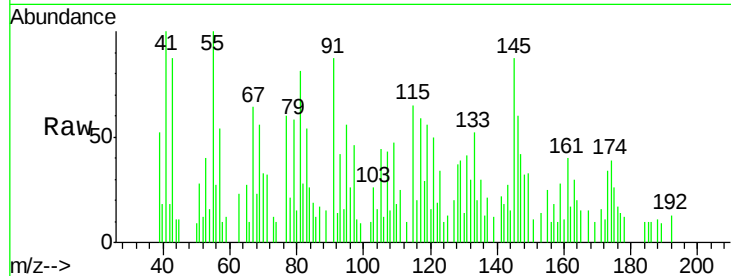




#53
 2,4-Dinitrophenol
 Concen: 8.667 ng
 RT: 10.27 min Scan# 1348
 Delta R.T. 0.20 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

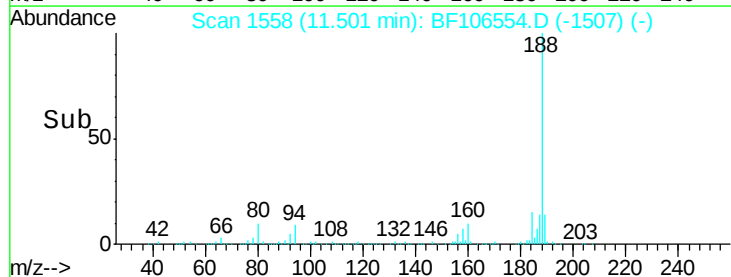
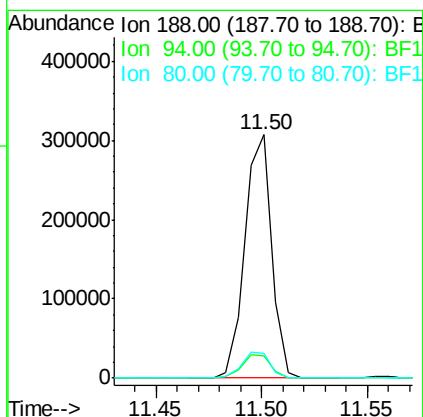
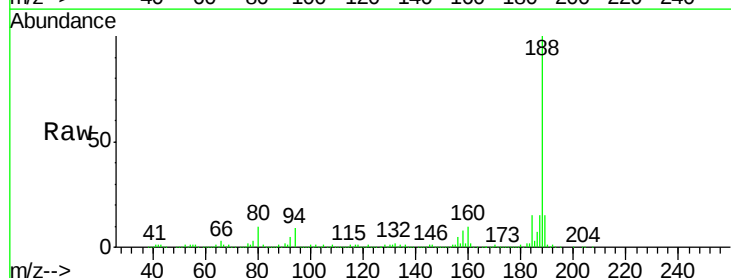
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

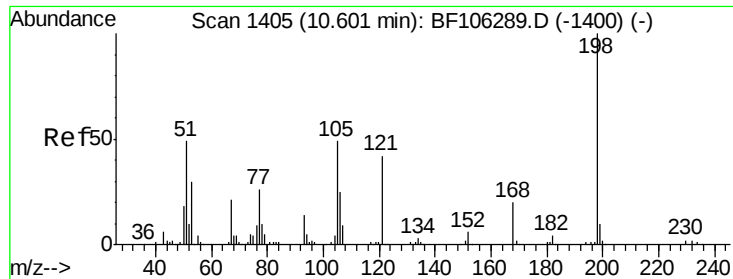
Tgt Ion:184 Resp: 120
 Ion Ratio Lower Upper
 184 100
 63 228.9 54.2 81.2#
 154 0.0 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

Tgt Ion:188 Resp: 270675
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 10.1 9.2 13.8

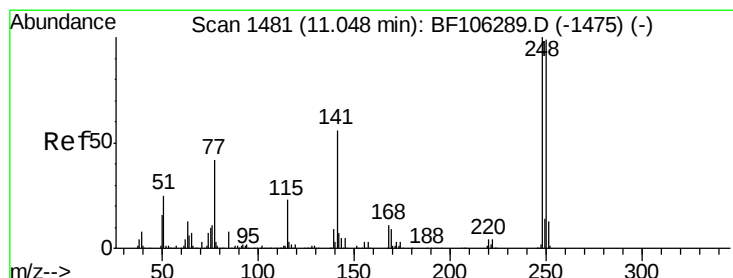
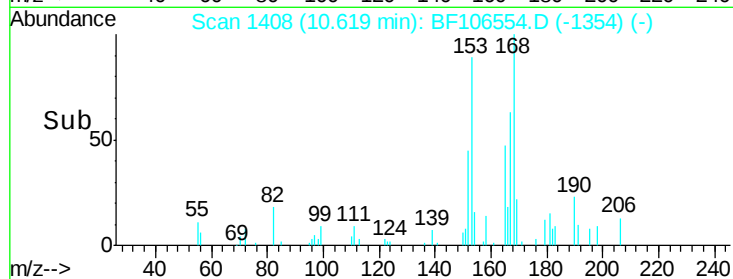
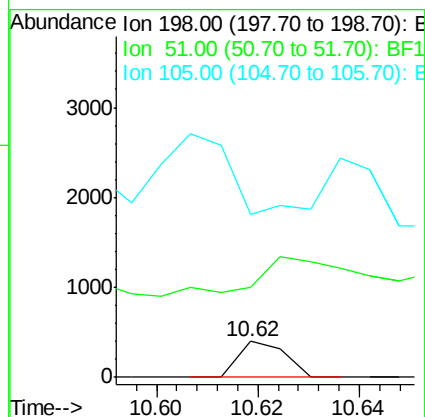
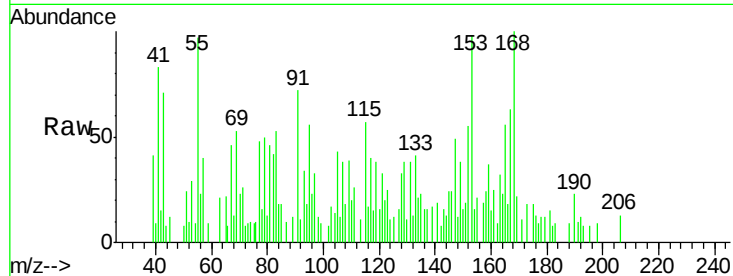




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.444 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.02 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

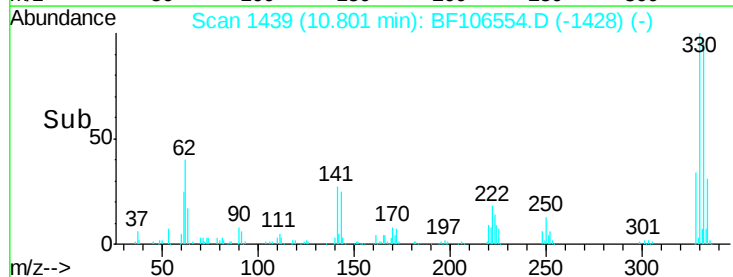
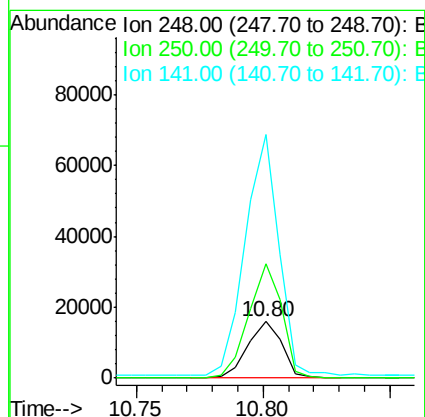
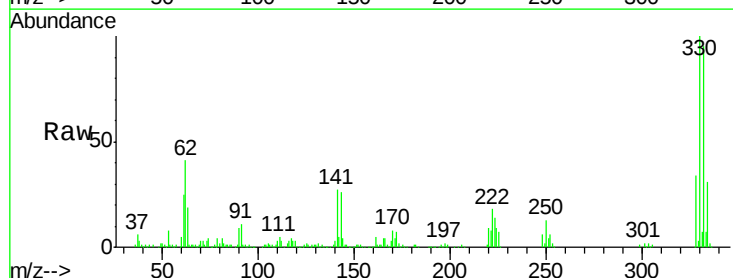
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

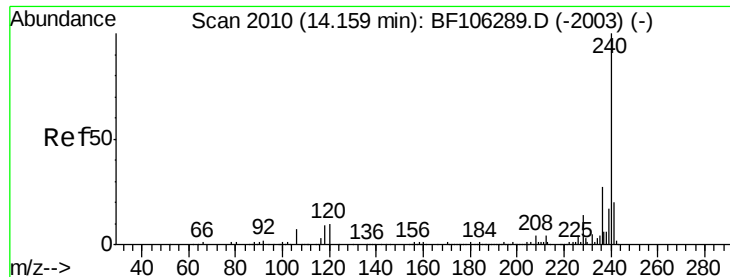
Tgt Ion:198 Resp: 250
 Ion Ratio Lower Upper
 198 100
 51 252.9 37.7 77.7#
 105 454.9 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.835 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106554.D
 Acq: 18 Jun 2018 23:14

Tgt Ion:248 Resp: 14885
 Ion Ratio Lower Upper
 248 100
 250 202.2 76.9 115.3#
 141 429.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

Instrument :

BNA_F

ClientSampleId :

MW-20

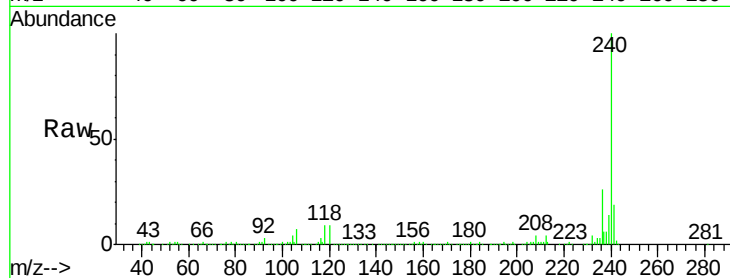
Tgt Ion:240 Resp: 297322

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

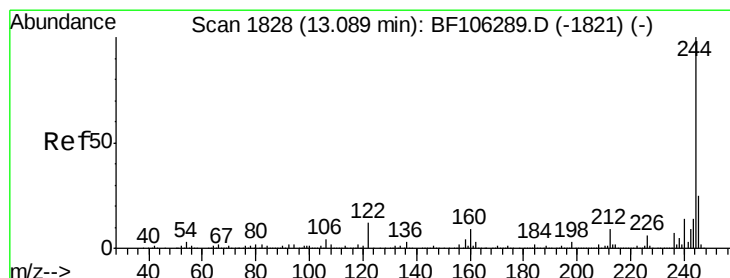
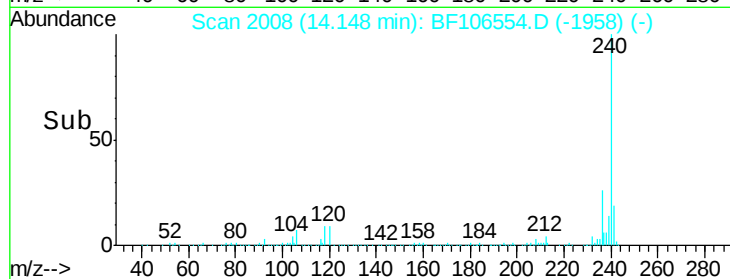
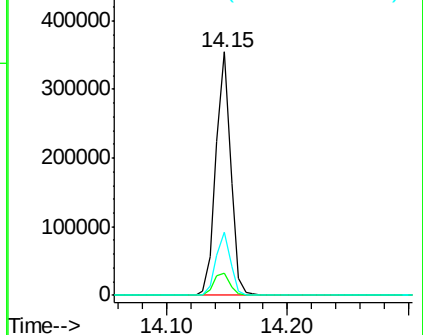
236 26.0 20.7 31.1



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: 84.478 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106554.D

Acq: 18 Jun 2018 23:14

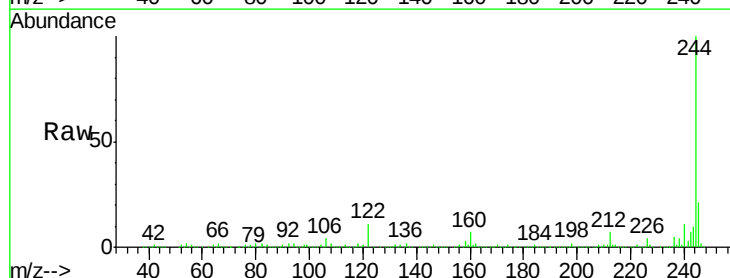
Tgt Ion:244 Resp: 1011248

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

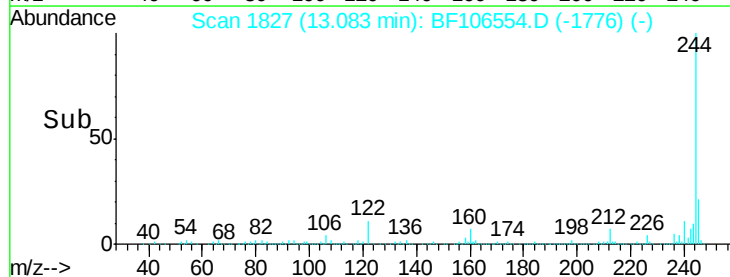
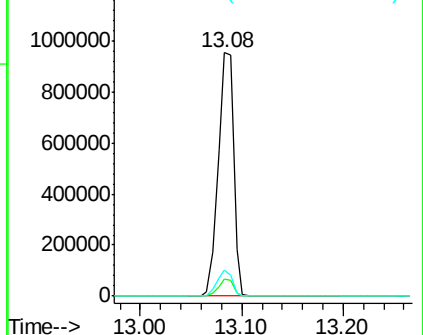
122 10.7 11.0 16.4#

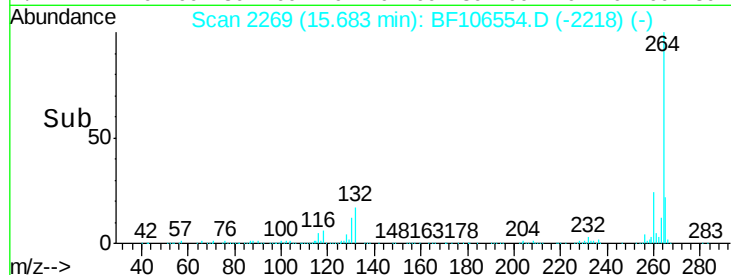
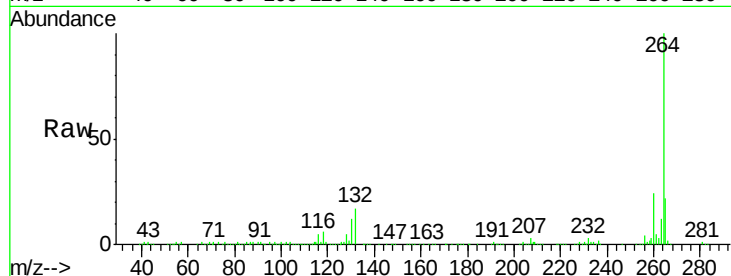
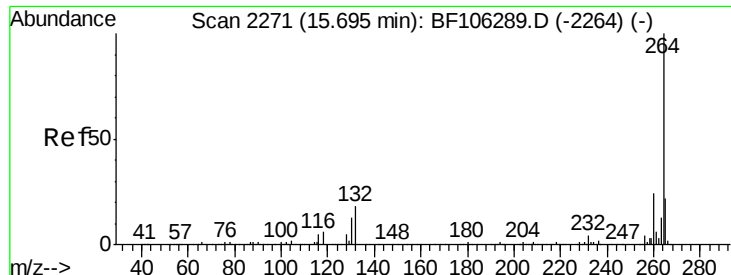


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2269
Delta R.T. -0.00 min
Lab File: BF106554.D
Acq: 18 Jun 2018 23:14

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:	264	Resp:	265304
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

