

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107339.D
 Acq On : 12 Jul 2018 15:23
 Operator : JU/SJ
 Sample : PB110987BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Quant Time: Jul 12 16:32:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

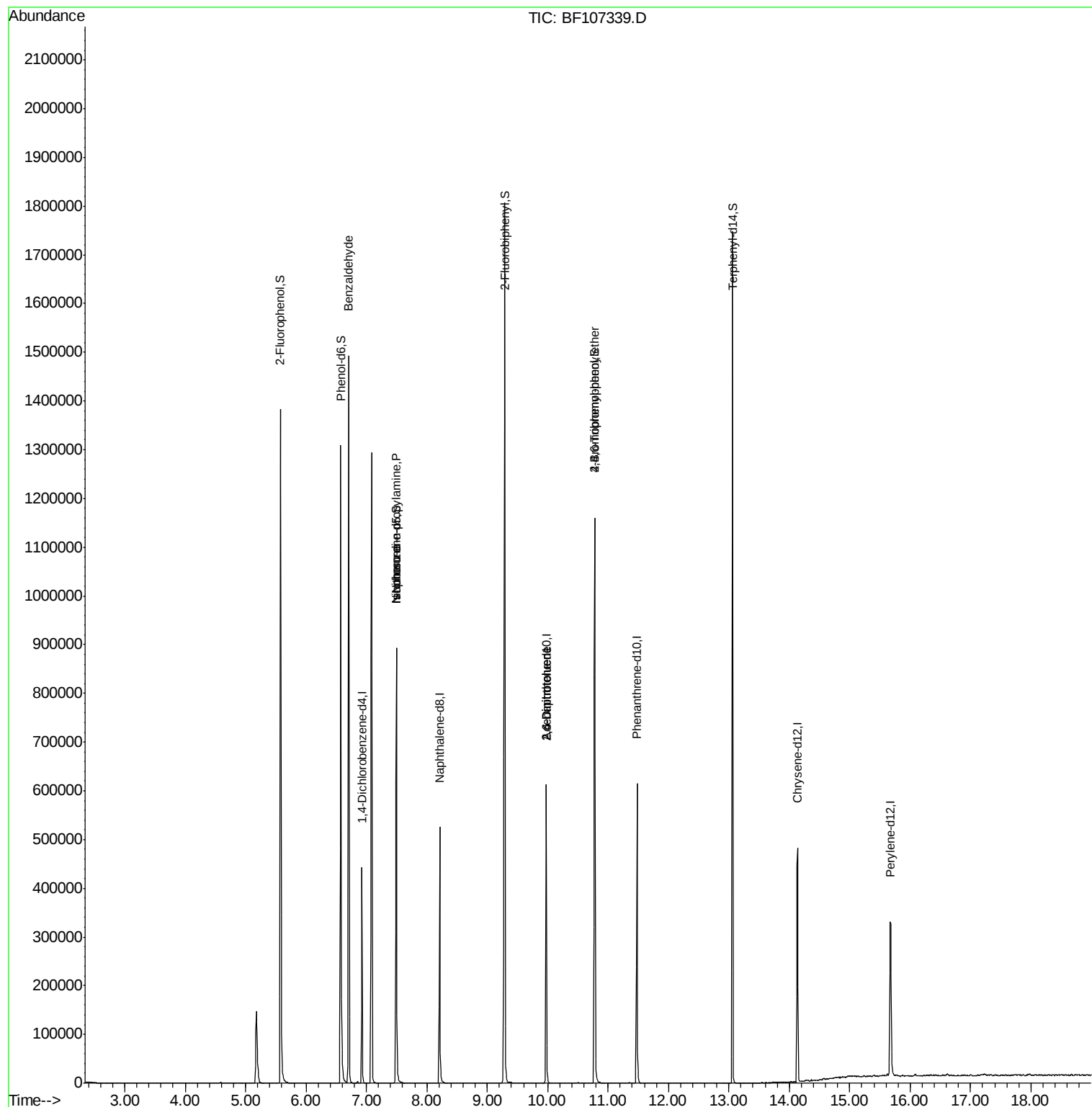
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	70531	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	273689	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	143527	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	285037	20.00	ng	0.00
75) Chrysene-d12	14.14	240	194698	20.00	ng	0.00
86) Perylene-d12	15.67	264	199312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	460212	110.49	ng	0.01
7) Phenol-d6	6.58	99	570845	109.74	ng	0.00
23) Nitrobenzene-d5	7.50	82	374987	76.14	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	189192	113.73	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	691371	80.81	ng	0.00
78) Terphenyl-d14	13.06	244	736941	91.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	9355	2.143	ng	84
19) n-Nitroso-di-n-propylamine	7.50	70	48310	14.090	ng	# 73
25) Isophorone	7.50	82	374985	43.210	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	17508	7.681	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	17508	5.884	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	11561	3.399	ng	# 1

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

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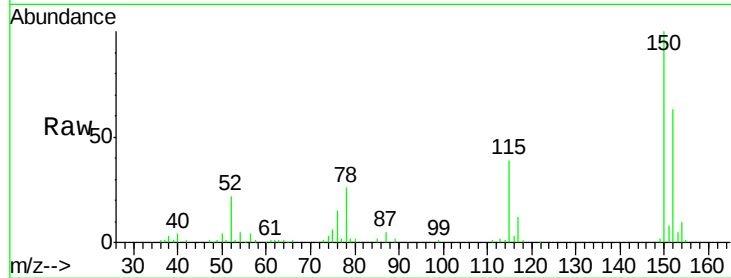


#1

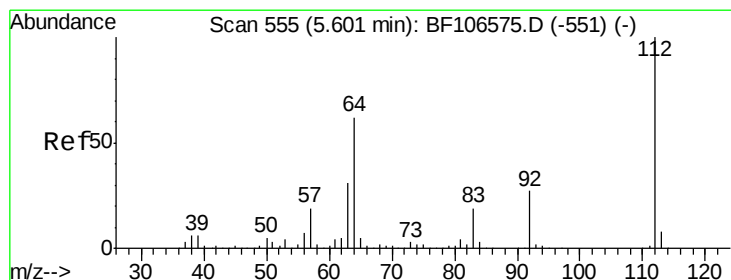
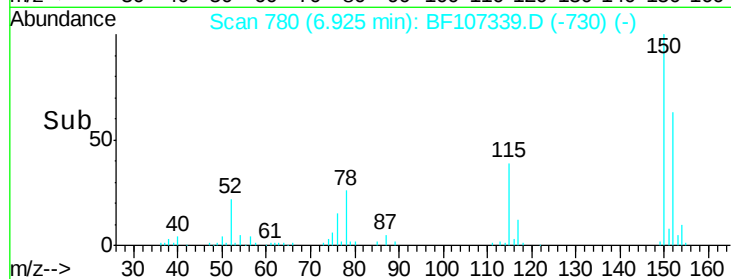
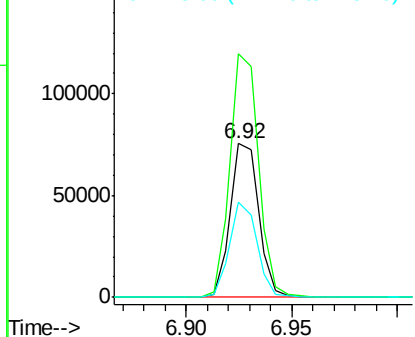
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Instrument :
BNA_F
ClientSampleId :
PB110987BL

Tgt Ion:152 Resp: 70531
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 61.6 50.1 75.1



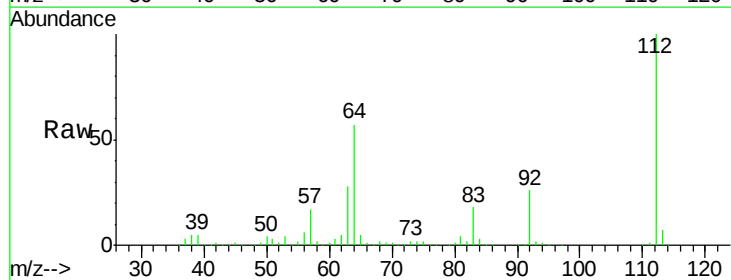
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



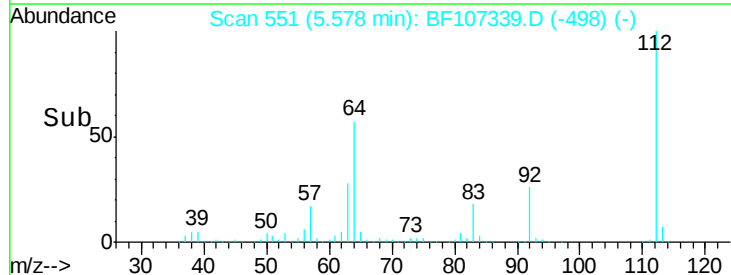
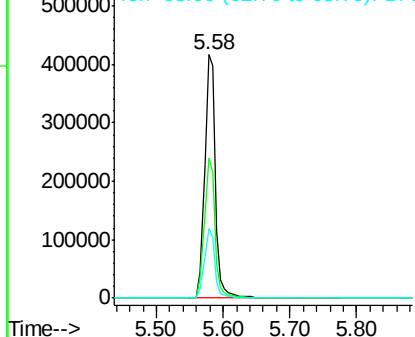
#5

2-Fluorophenol
Concen: 110.488 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Tgt Ion:112 Resp: 460212
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.4 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: 109.744 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

Instrument :

BNA_F

ClientSampleId :

PB110987BL

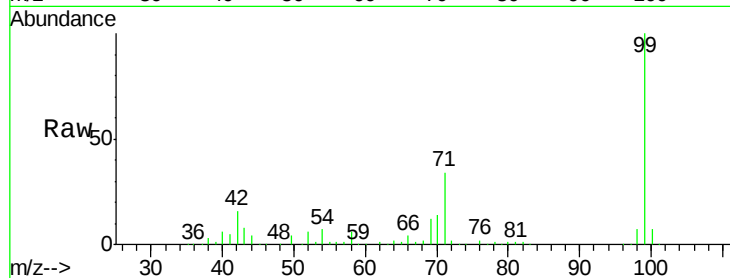
Tgt Ion: 99 Resp: 570845

Ion Ratio Lower Upper

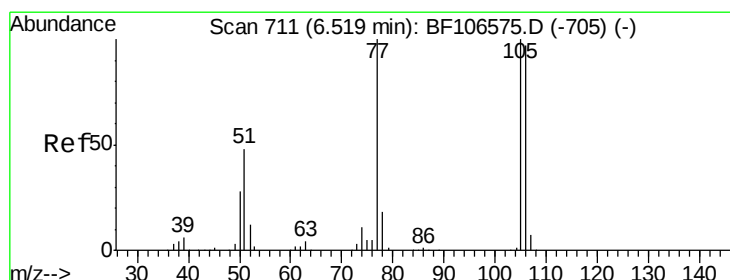
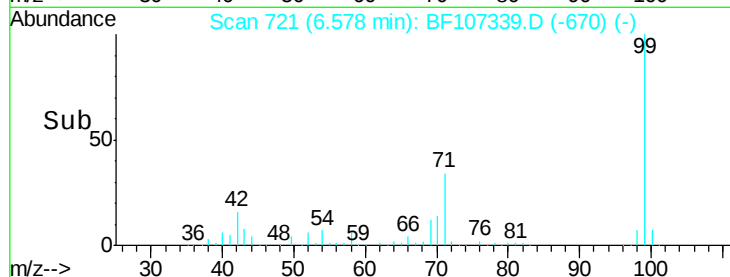
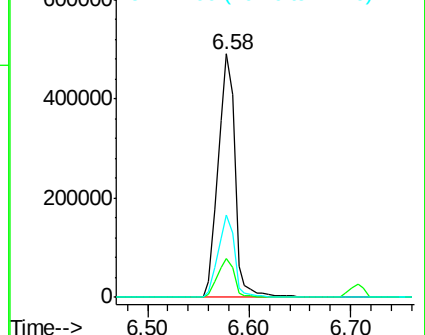
99 100

42 16.1 14.5 21.7

71 33.9 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: 2.143 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.22 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

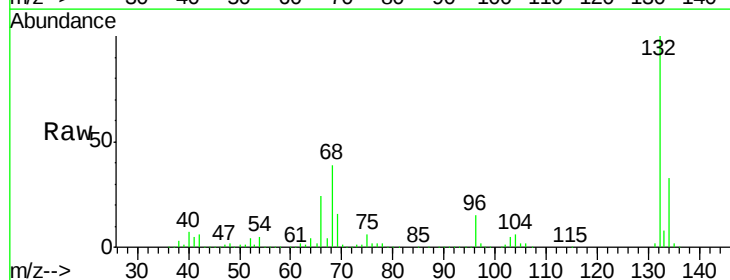
Tgt Ion: 77 Resp: 9355

Ion Ratio Lower Upper

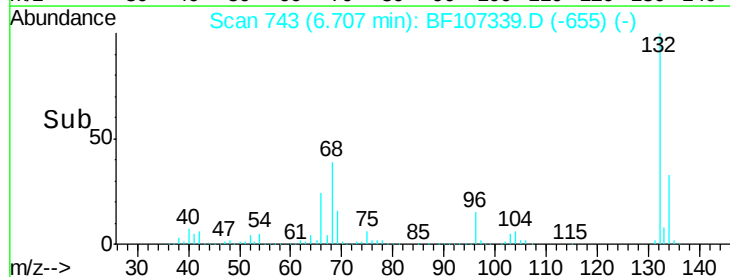
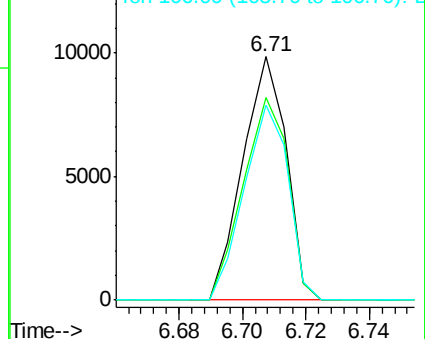
77 100

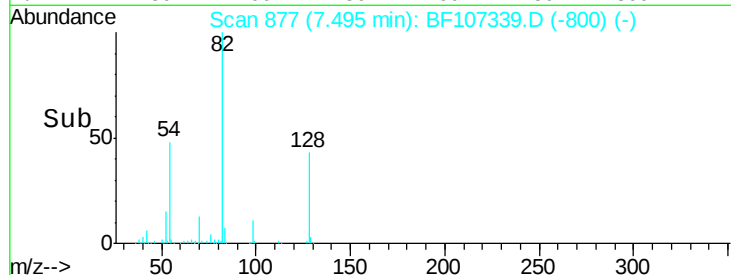
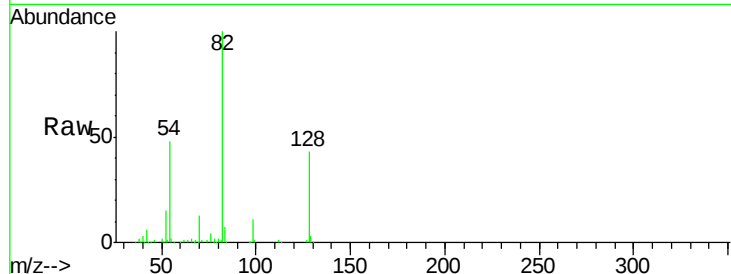
105 83.4 81.1 121.1

106 79.9 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

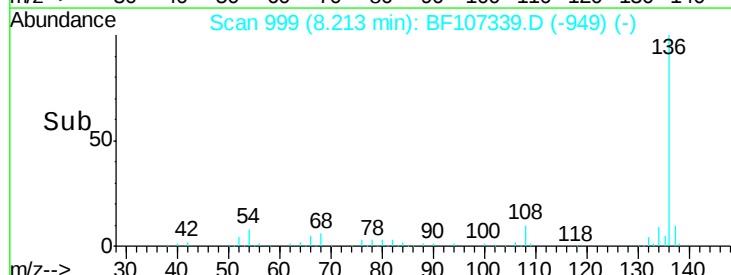
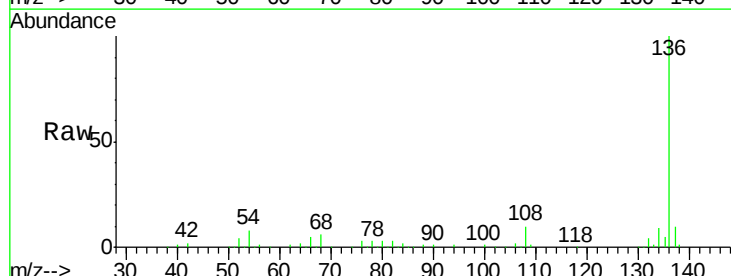
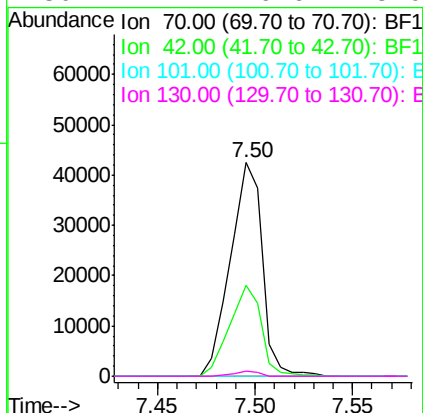




#19
n-Nitroso-di-n-propylamine
Concen: 14.090 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

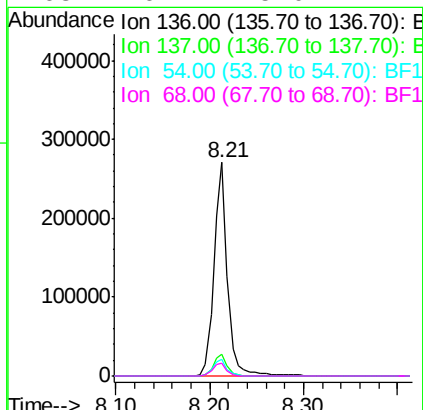
Instrument :
BNA_F
ClientSampleId :
PB110987BL

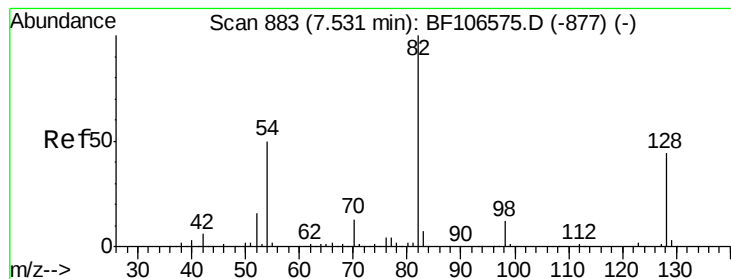
Tgt Ion:	70	Resp:	48310
Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107339.D
Acq: 12 Jul 2018 15:23

Tgt Ion:	136	Resp:	273689
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 76.142 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

Instrument :

BNA_F

ClientSampleId :

PB110987BL

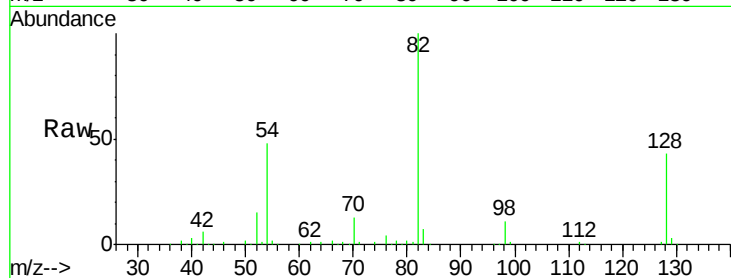
Tgt Ion: 82 Resp: 374987

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

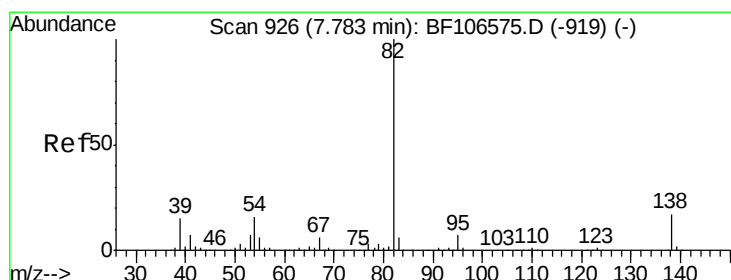
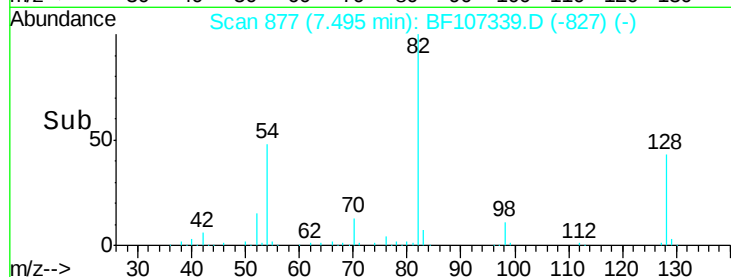
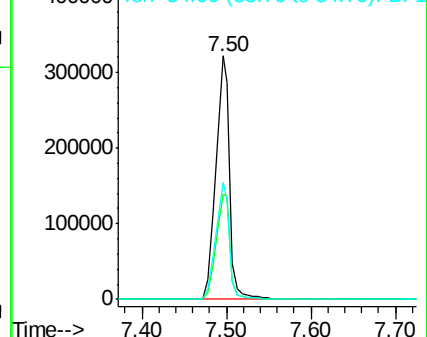
54 47.8 41.4 62.2



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: 43.210 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

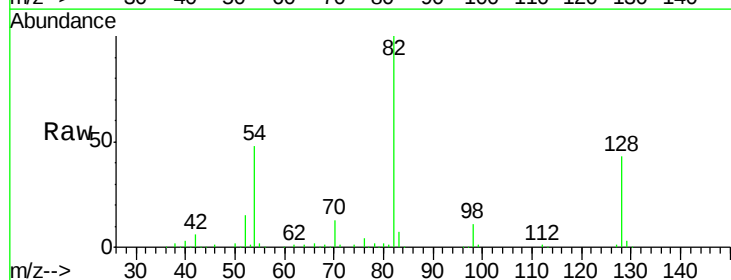
Tgt Ion: 82 Resp: 374985

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

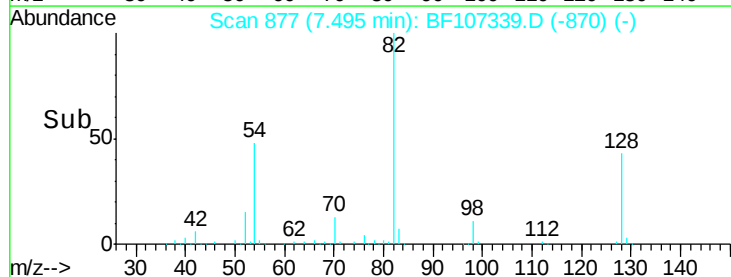
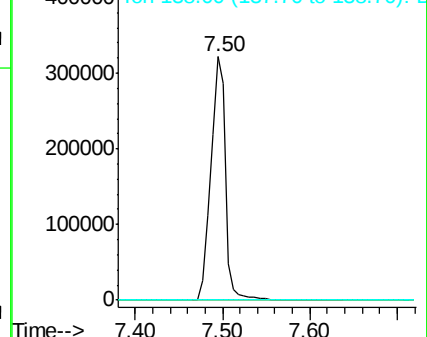
138 0.0 14.9 22.3#

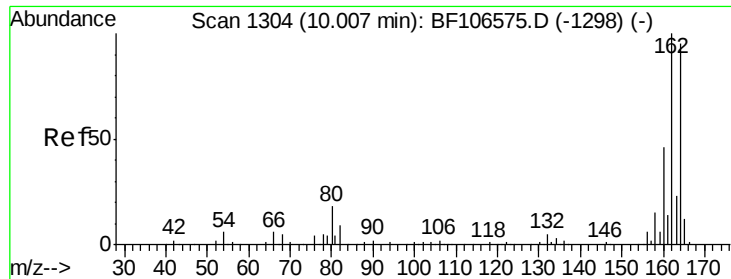


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

Instrument :

BNA_F

ClientSampleId :

PB110987BL

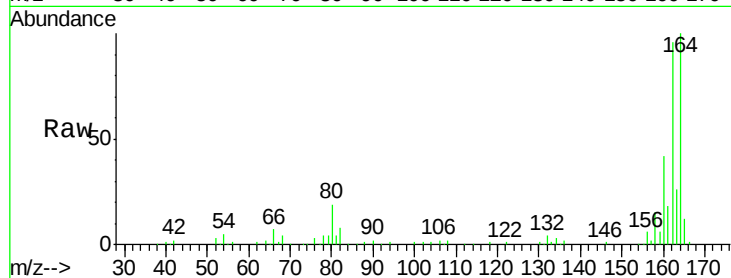
Tgt Ion:164 Resp: 143527

Ion Ratio Lower Upper

164 100

162 96.3 86.1 129.1

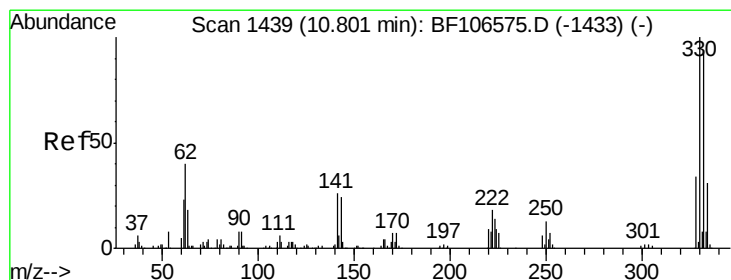
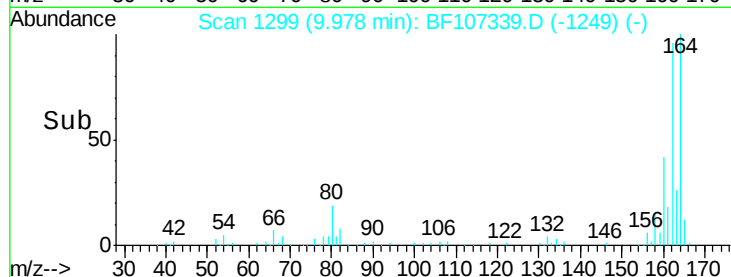
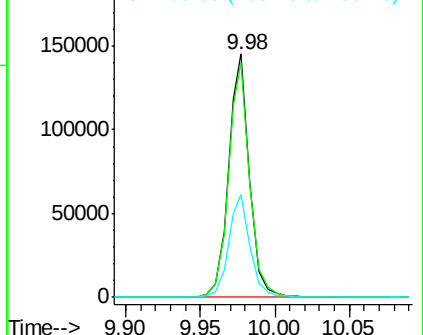
160 42.3 38.3 57.5



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: 113.730 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF107339.D

Acq: 12 Jul 2018 15:23

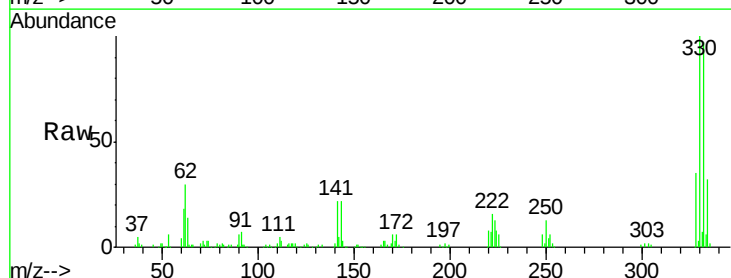
Tgt Ion:330 Resp: 189192

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

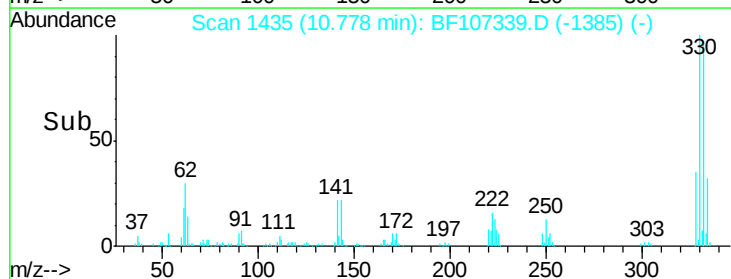
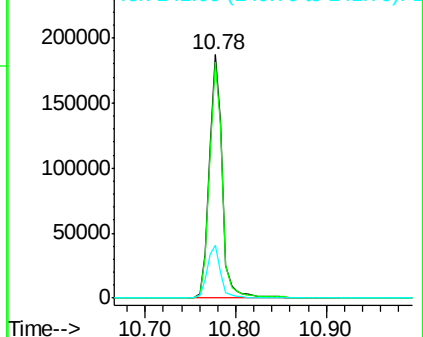
141 22.4 29.9 44.9#



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

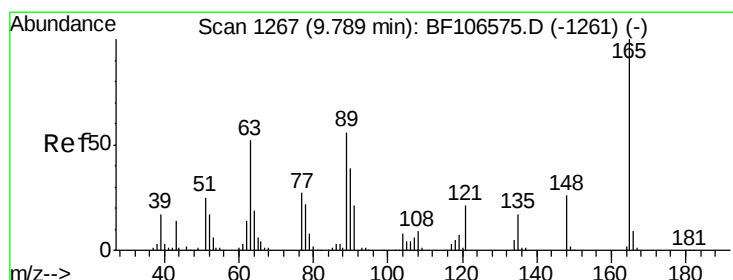
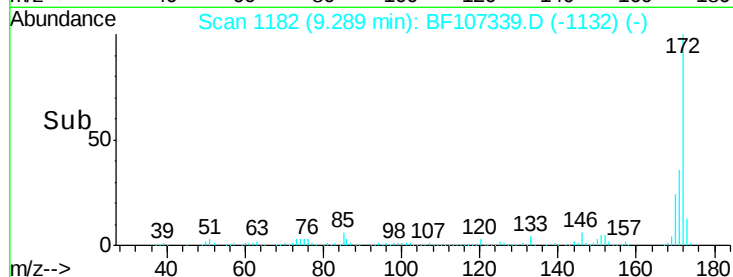
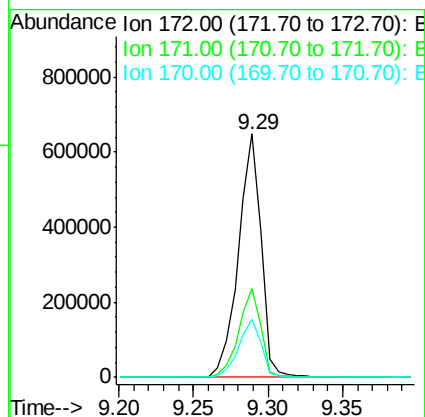
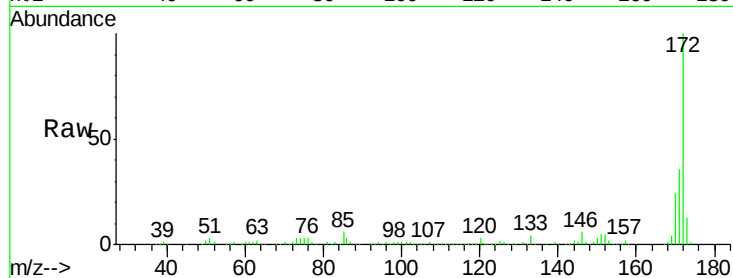




#44
 2-Fluorobiphenyl
 Concen: 80.806 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

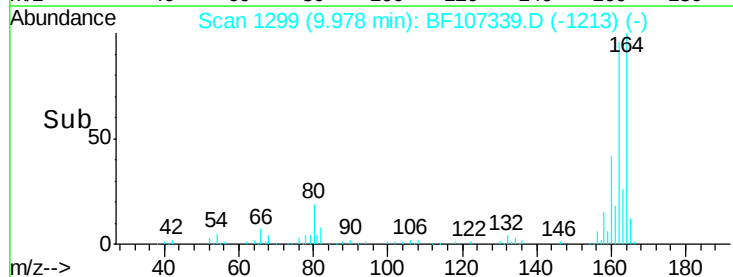
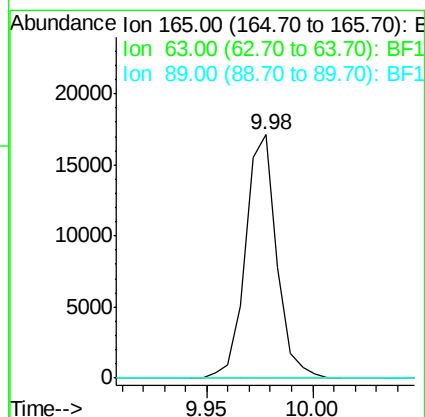
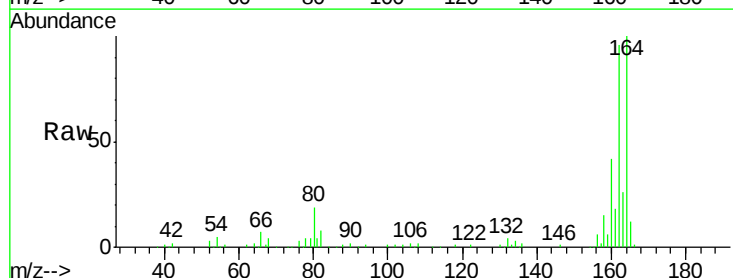
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Tgt Ion:172 Resp: 691371
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.681 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Tgt Ion:165 Resp: 17508
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

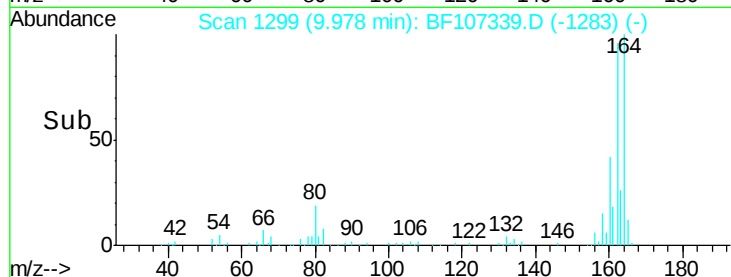
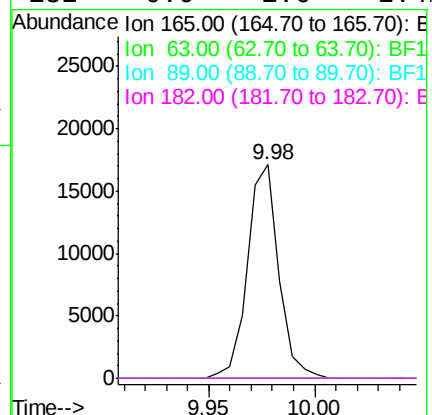
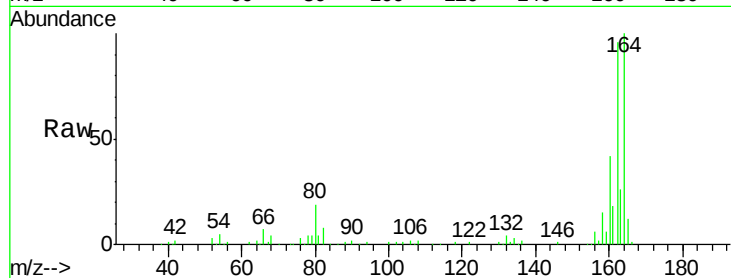




#56
 2,4-Dinitrotoluene
 Concen: 5.884 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

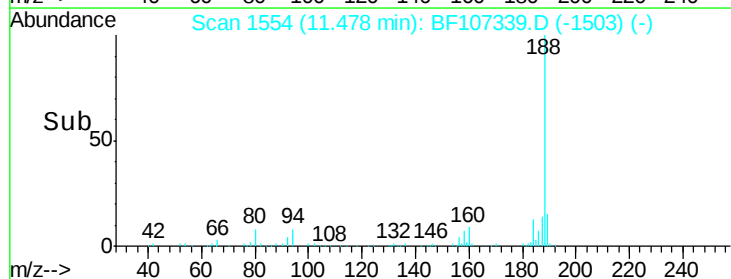
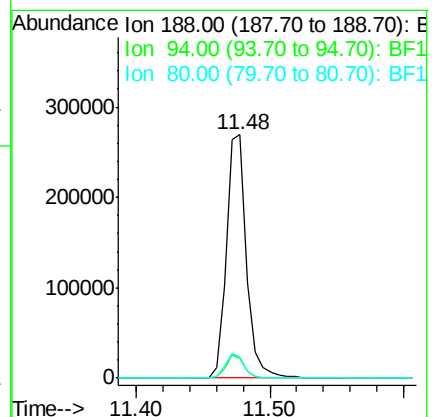
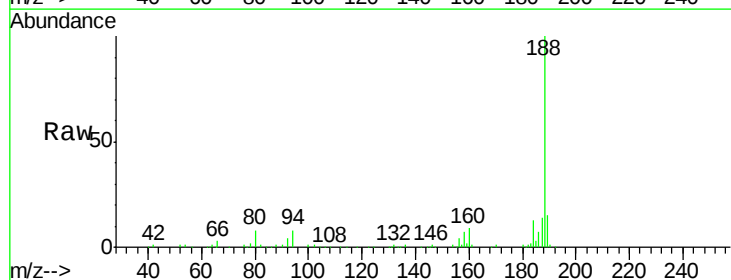
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Tgt Ion:	165	Resp:	17508
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# 1554
 Delta R.T. 0.00 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Tgt Ion:	188	Resp:	285037
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.4	9.2	13.8#

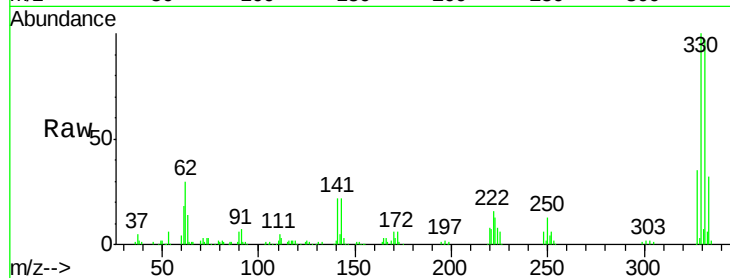




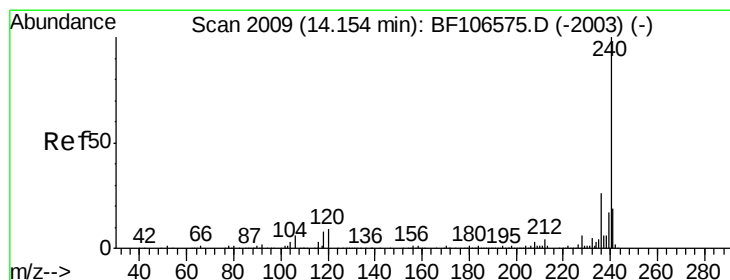
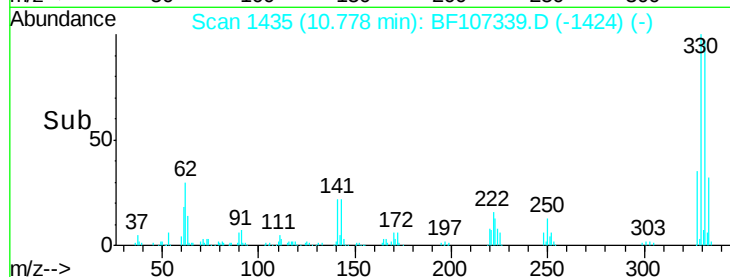
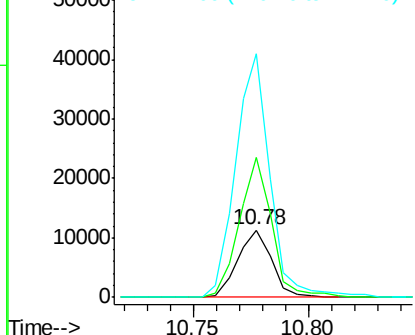
#66
 4-Bromophenyl-phenylether
 Concen: 3.399 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Tgt Ion	Ratio	Lower	Upper
248	100		
250	207.3	76.9	115.3#
141	360.7	74.4	111.6#

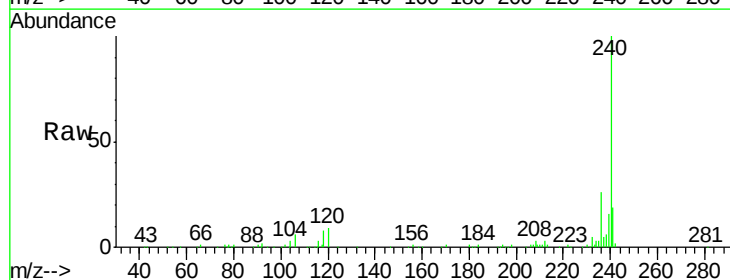


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

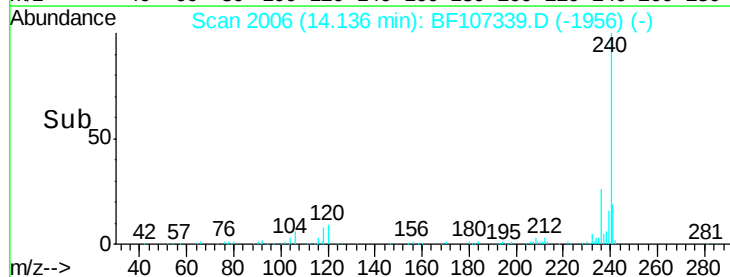
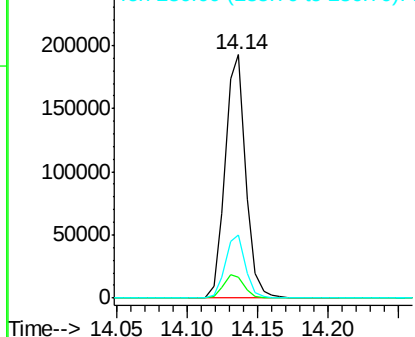


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	25.9	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

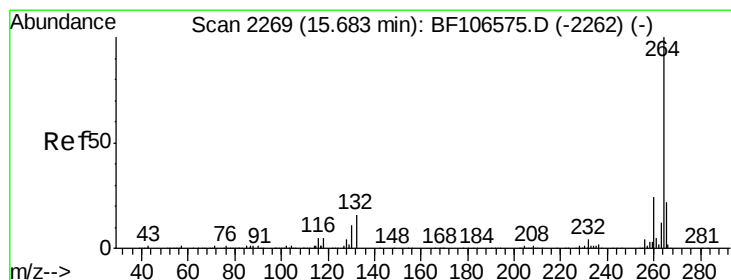
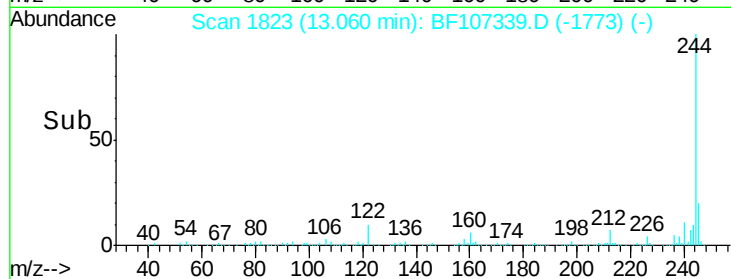
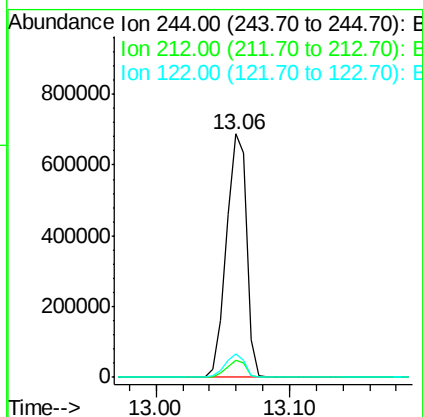
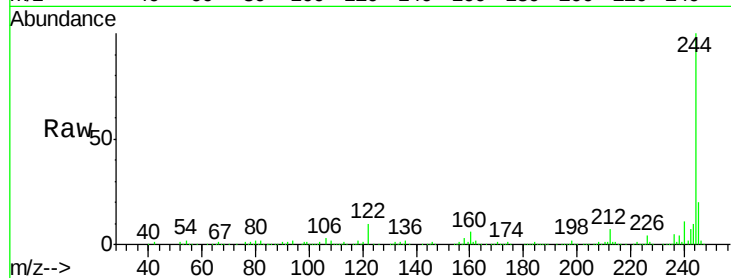




#78
 Terphenyl-d14
 Concen: 91.685 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BL

Tgt Ion: 244 Resp: 736941
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107339.D
 Acq: 12 Jul 2018 15:23

Tgt Ion: 264 Resp: 199312
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 17.5 26.3

