

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
 Data File : BF107073.D
 Acq On : 3 Jul 2018 11:06
 Operator : JU/SJ
 Sample : PB110757BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BL

Quant Time: Jul 03 12:15:17 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

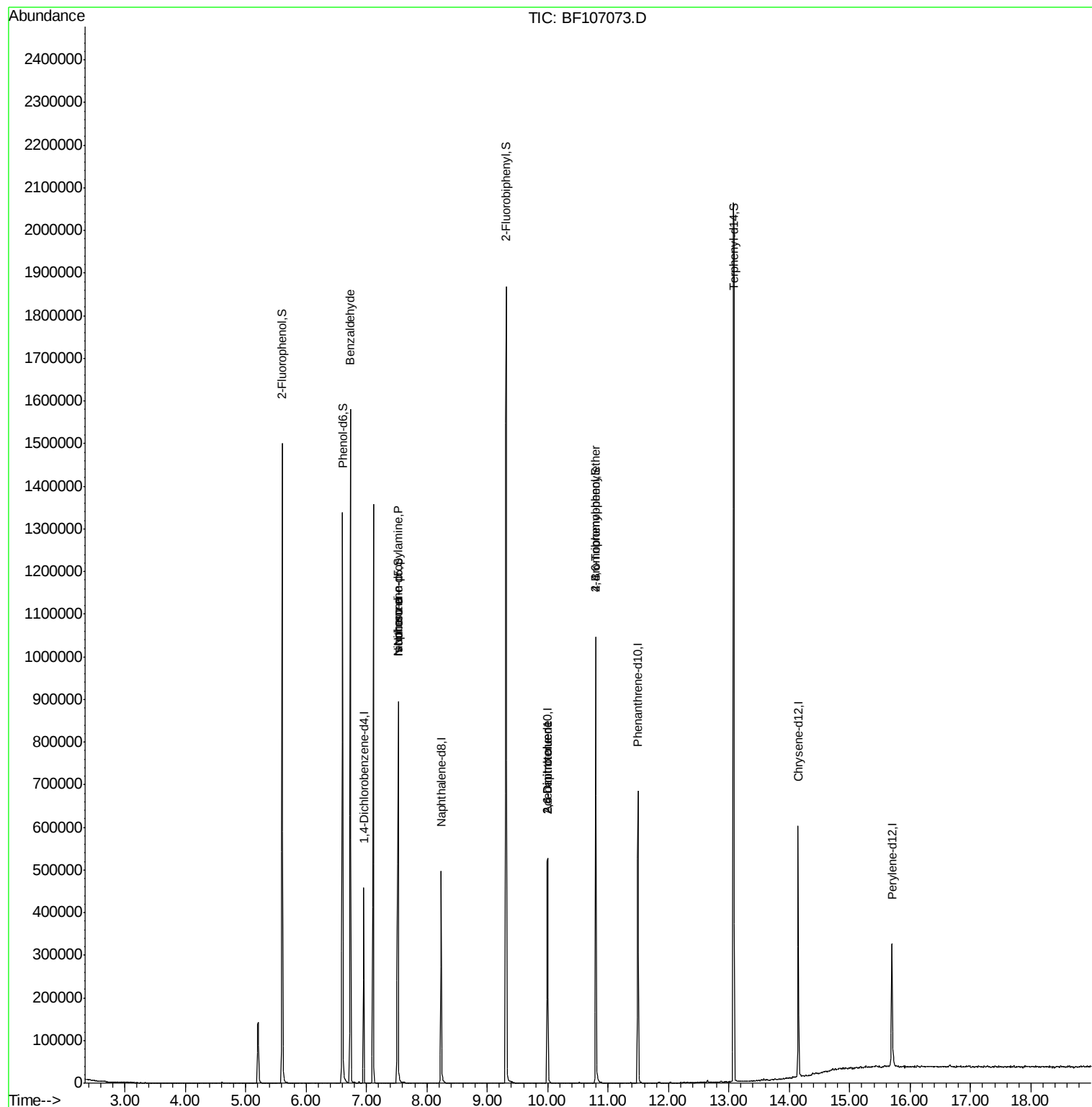
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63217	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	245385	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	129085	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	272875	20.00	ng	0.00
75) Chrysene-d12	14.15	240	227031	20.00	ng	-0.02
86) Perylene-d12	15.70	264	175875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	441418	118.24	ng	0.00
7) Phenol-d6	6.61	99	553150	118.65	ng	0.00
23) Nitrobenzene-d5	7.52	82	351413	79.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	158578	105.99	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	677115	89.58	ng	-0.01
78) Terphenyl-d14	13.08	244	896380	95.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	9342	2.380	ng	90
19) n-Nitroso-di-n-propylamine	7.52	70	46033	14.979	ng	# 72
25) Isophorone	7.52	82	351407	45.164	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	16143	7.874	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	16143	6.033	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	9752	2.995	ng	# 1

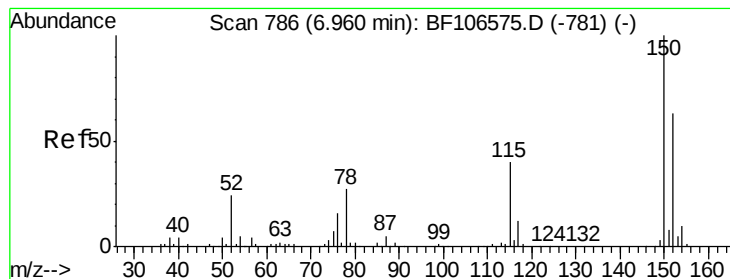
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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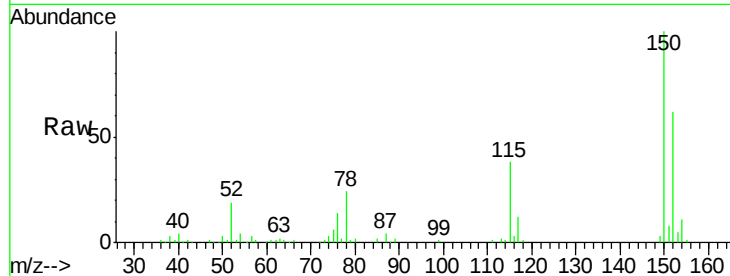


#1

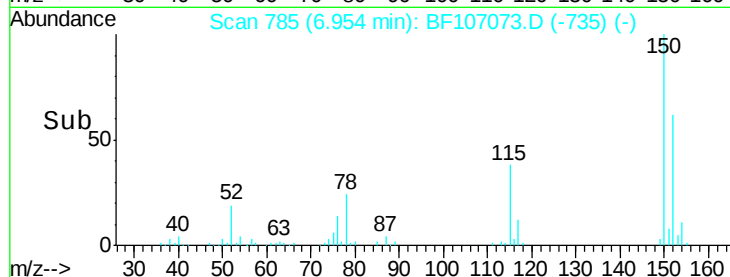
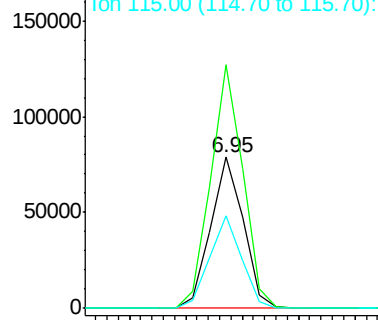
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110757BL

Tgt Ion:152 Resp: 63217
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 61.8 50.1 75.1



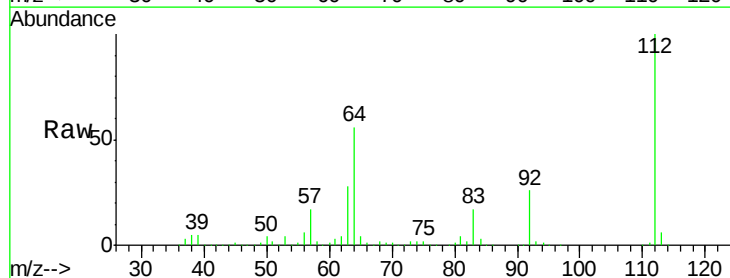
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



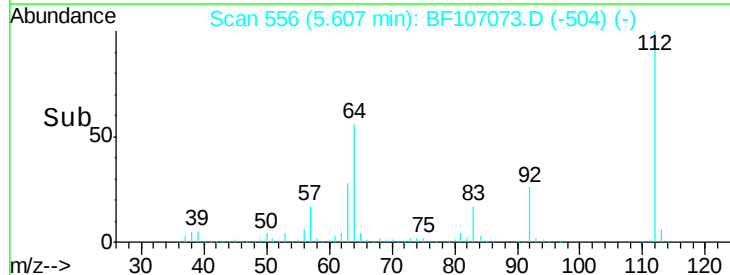
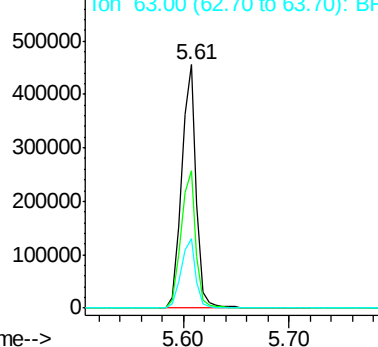
#5

2-Fluorophenol
Concen: 118.237 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:112 Resp: 441418
Ion Ratio Lower Upper
112 100
64 56.4 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: 118.646 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107073.D

Acq: 3 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

PB110757BL

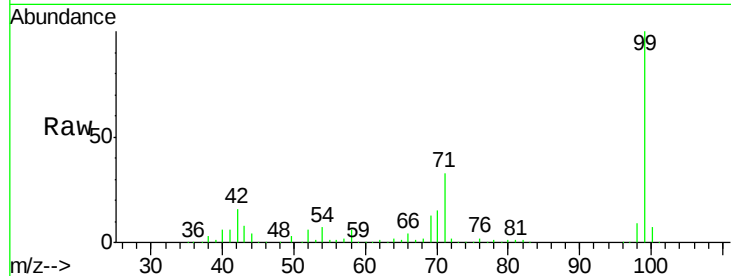
Tgt Ion: 99 Resp: 553150

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

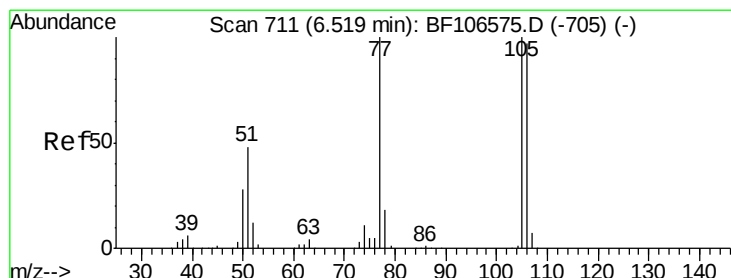
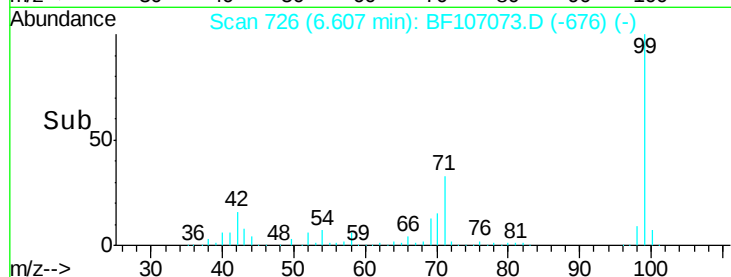
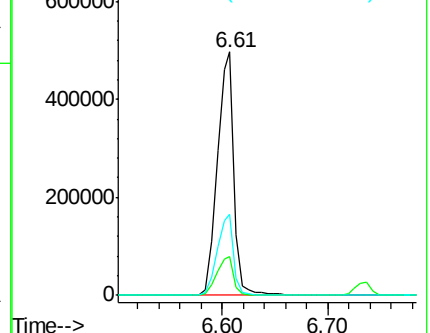
71 33.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.380 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107073.D

Acq: 3 Jul 2018 11:06

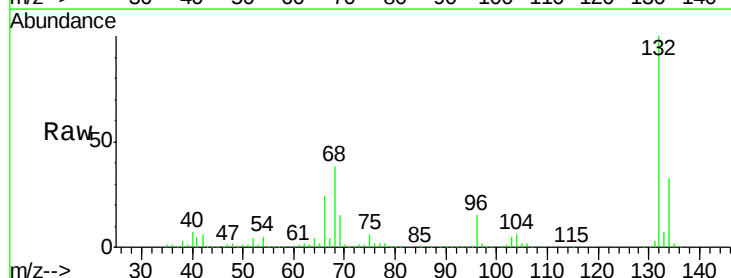
Tgt Ion: 77 Resp: 9342

Ion Ratio Lower Upper

77 100

105 90.3 81.1 121.1

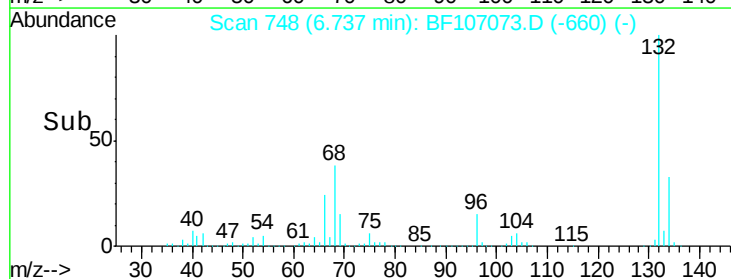
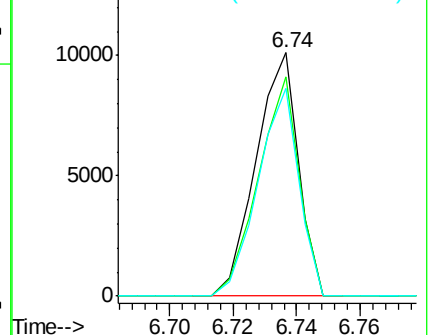
106 85.4 74.5 114.5

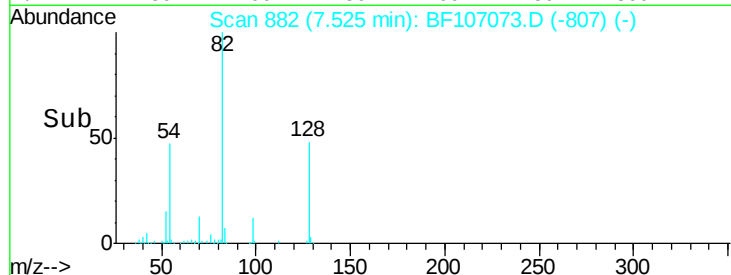
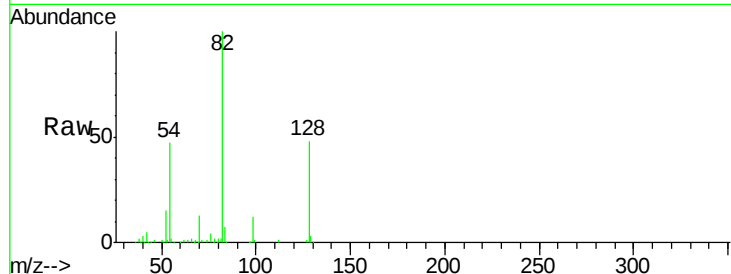


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

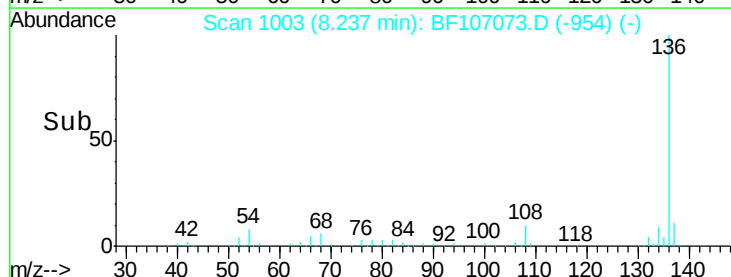
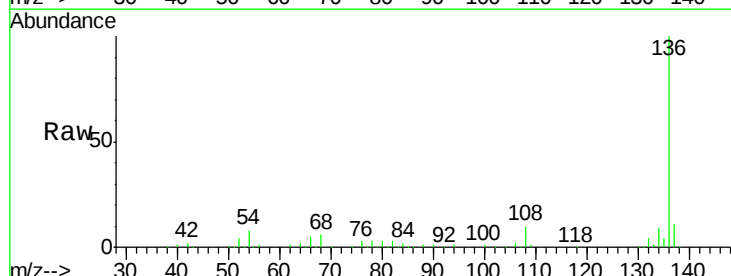
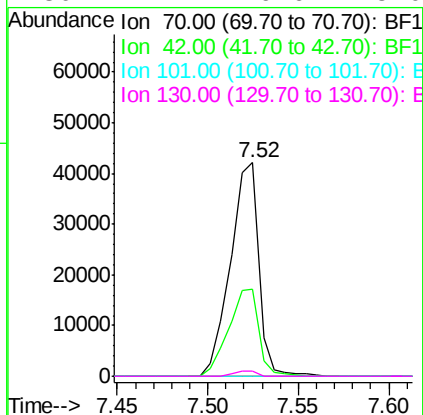




#19
n-Nitroso-di-n-propylamine
Concen: 14.979 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

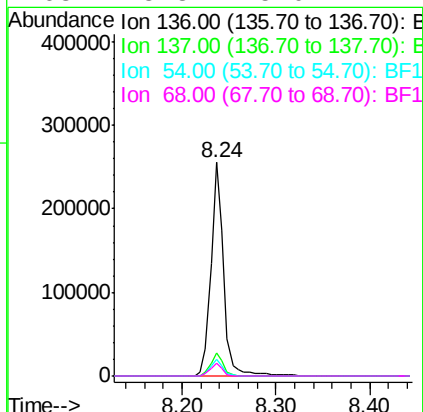
Instrument :
BNA_F
ClientSampleId :
PB110757BL

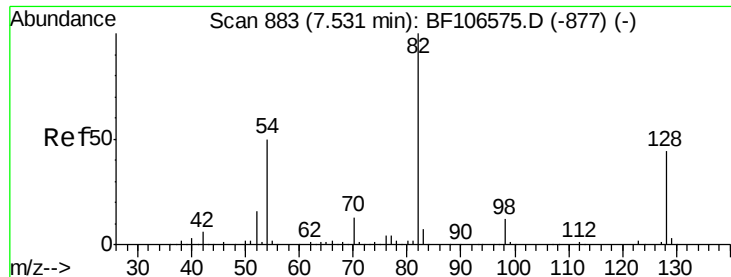
Tgt Ion: 70 Resp: 46033
Ion Ratio Lower Upper
70 100
42 40.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion: 136 Resp: 245385
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.6 9.8
68 5.8 5.0 7.4

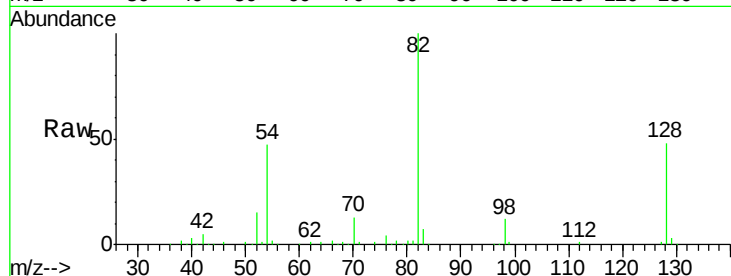




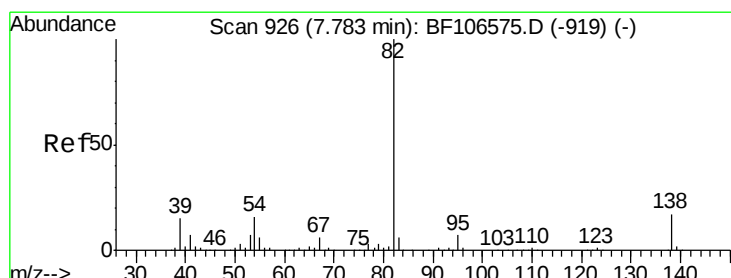
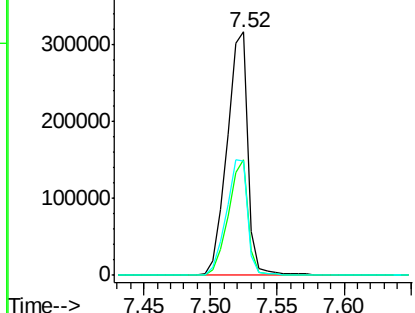
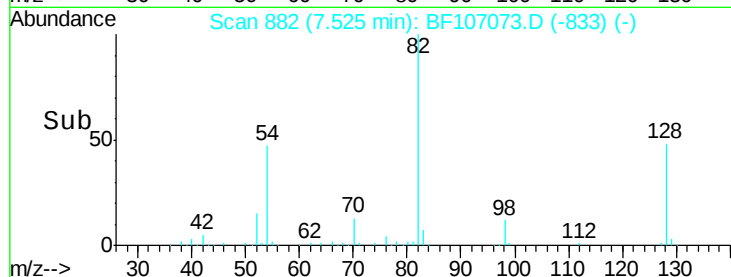
#23
Nitrobenzene-d5
Concen: 79.586 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110757BL

Tgt Ion: 82 Resp: 351413
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 47.2 41.4 62.2

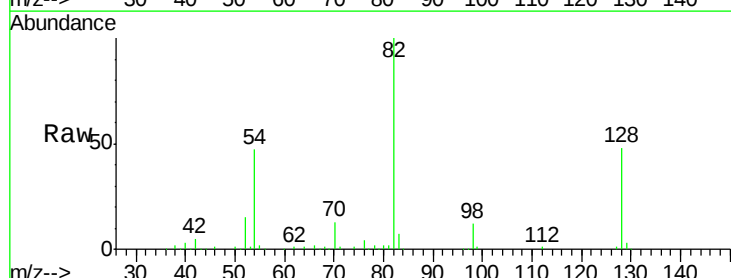


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

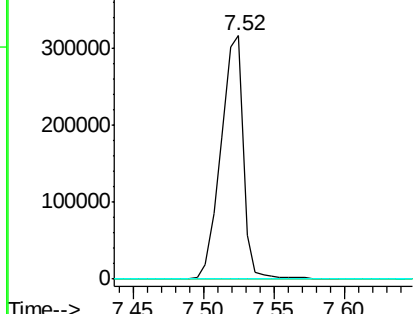
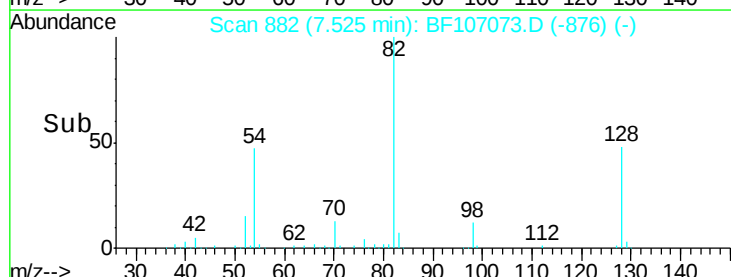


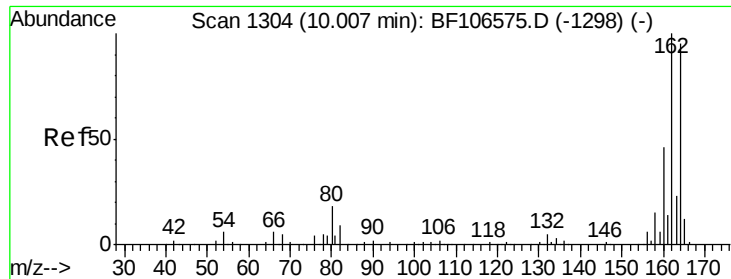
#25
Isophorone
Concen: 45.164 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion: 82 Resp: 351407
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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107073.D

Acq: 3 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

PB110757BL

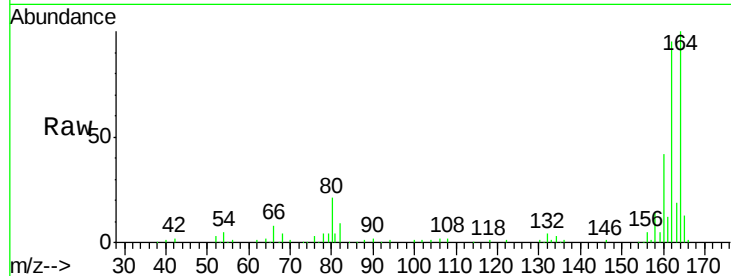
Tgt Ion:164 Resp: 129085

Ion Ratio Lower Upper

164 100

162 95.3 86.1 129.1

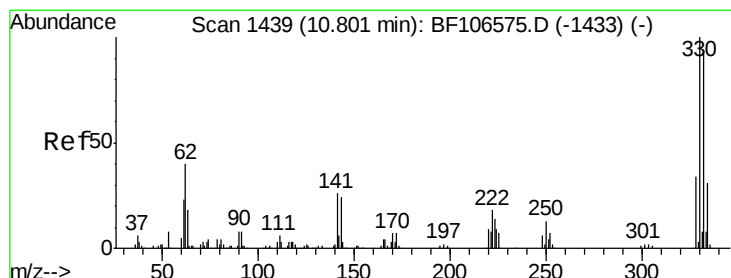
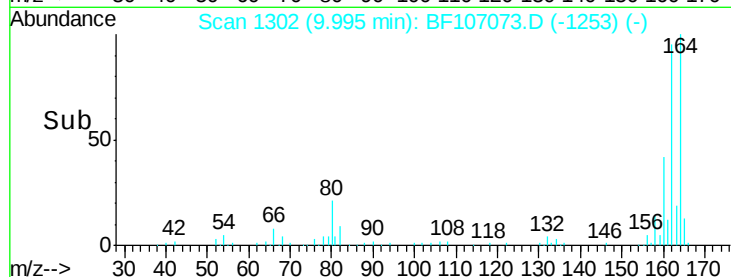
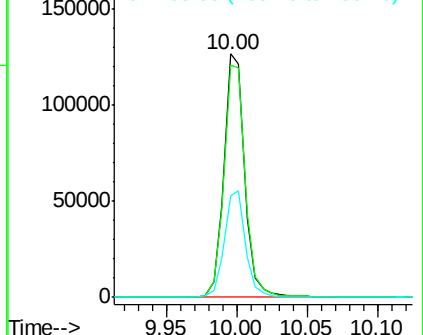
160 42.0 38.3 57.5



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: 105.992 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107073.D

Acq: 3 Jul 2018 11:06

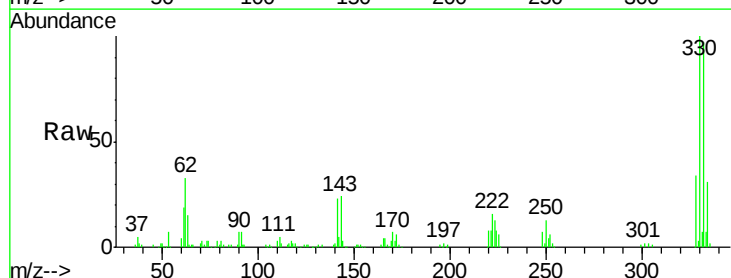
Tgt Ion:330 Resp: 158578

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

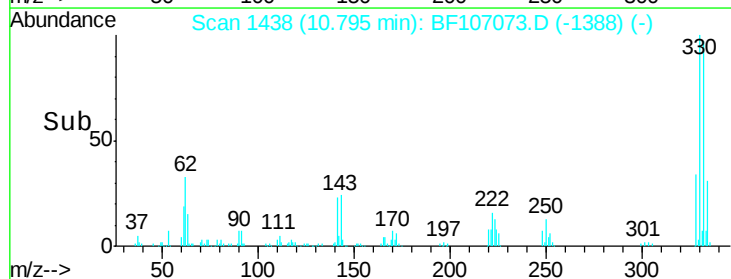
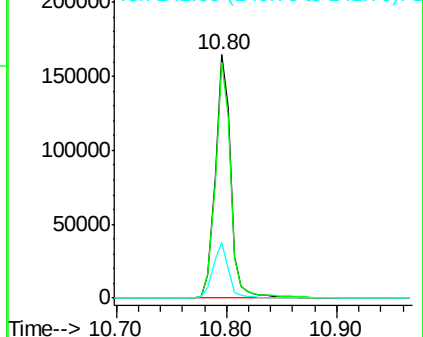
141 22.7 29.9 44.9#



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

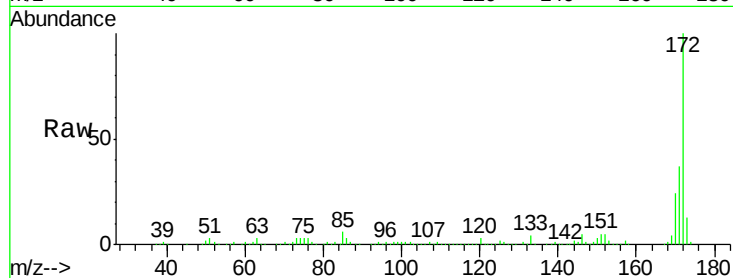




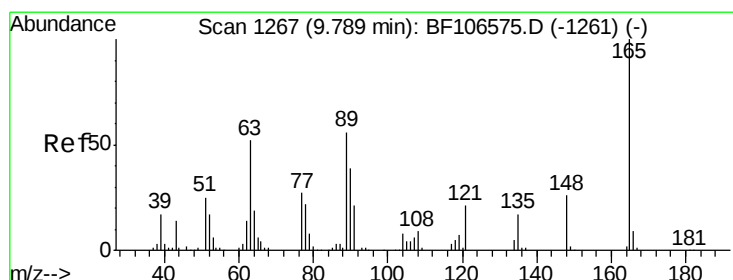
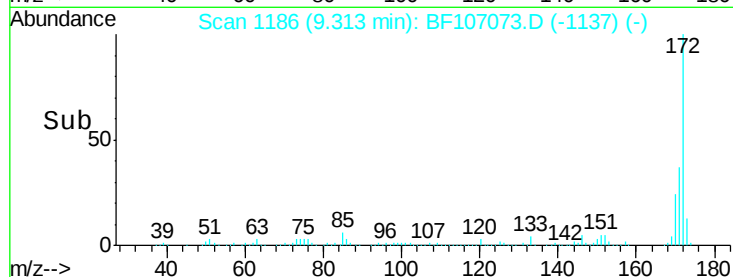
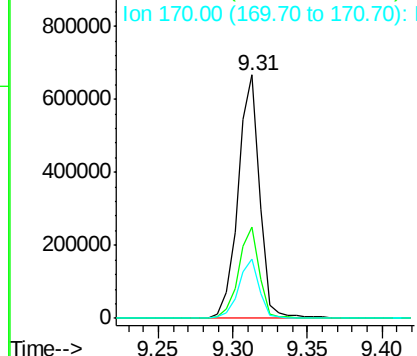
#44
 2-Fluorobiphenyl
 Concen: 89.582 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107073.D
 Acq: 3 Jul 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BL

Tgt Ion:172 Resp: 677115
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.4 19.6 29.4

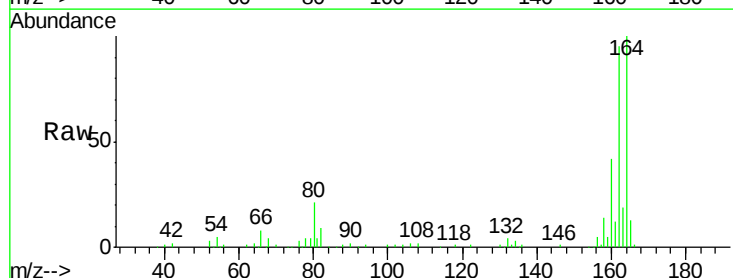


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

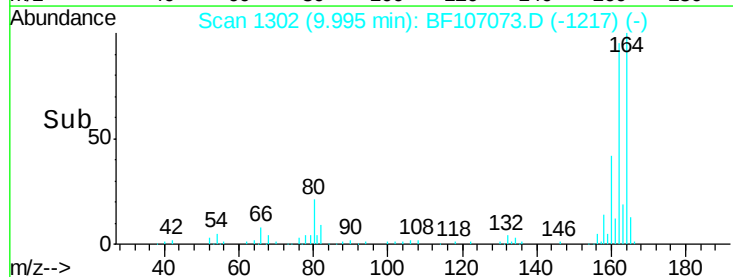
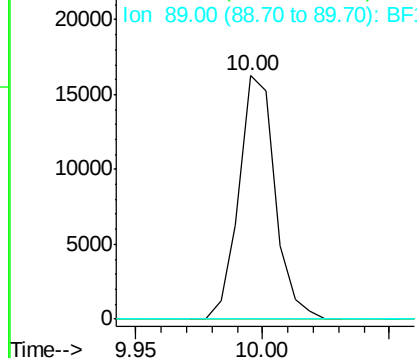


#50
 2,6-Dinitrotoluene
 Concen: 7.874 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107073.D
 Acq: 3 Jul 2018 11:06

Tgt Ion:165 Resp: 16143
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



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

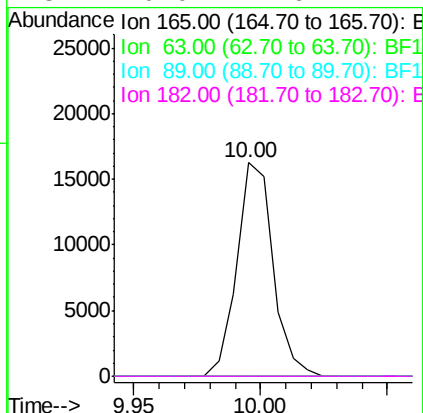
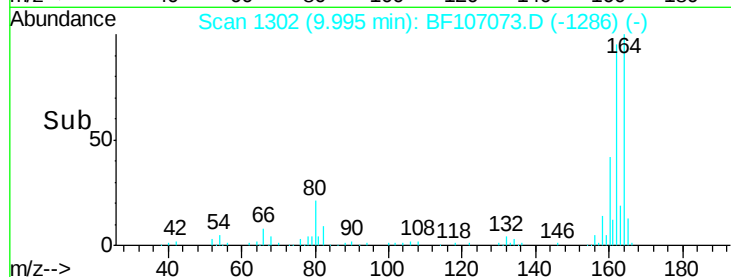
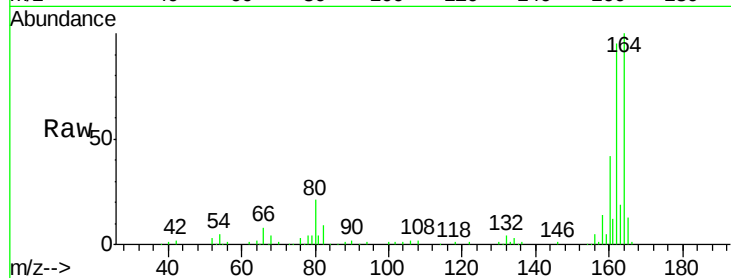




#56
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

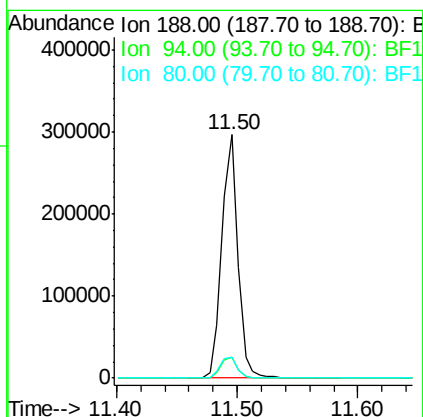
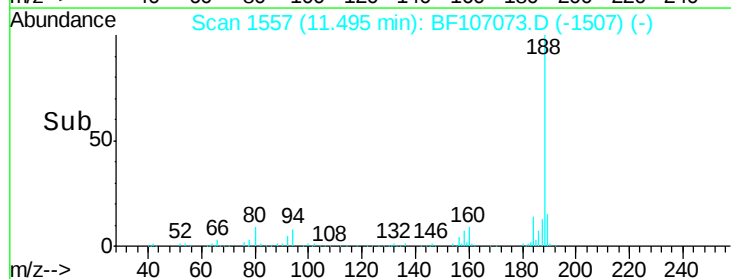
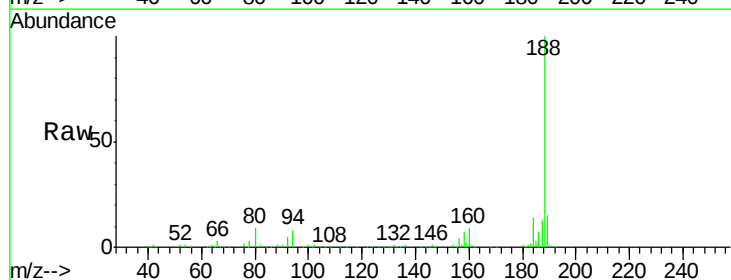
Instrument :
BNA_F
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PB110757BL

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#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.6	9.2	13.8#

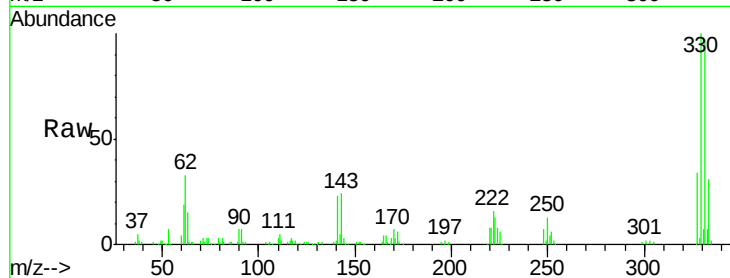




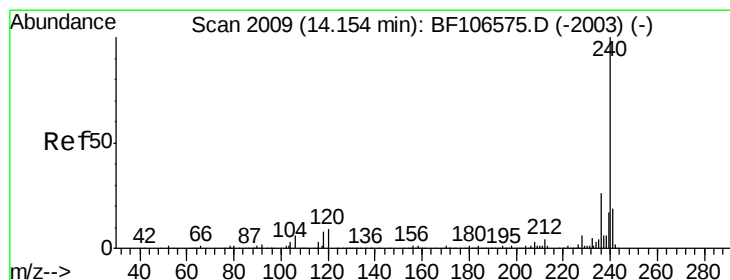
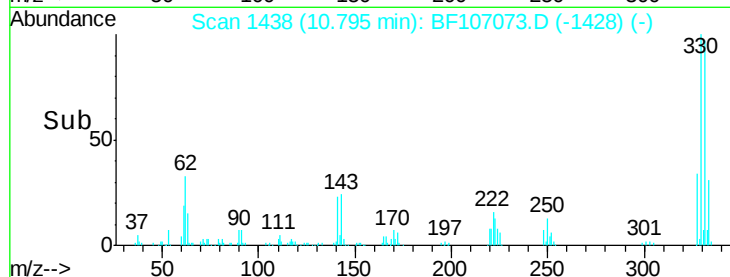
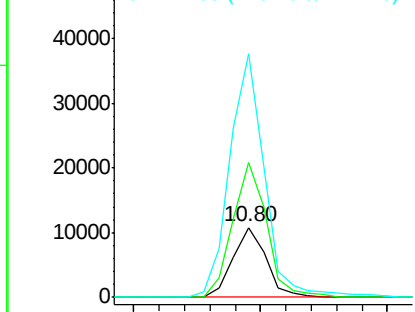
#66
4-Bromophenyl-phenylether
Concen: 2.995 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Instrument :
BNA_F
ClientSampleId :
PB110757BL

Tgt Ion:248 Resp: 9752
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 348.5 74.4 111.6#

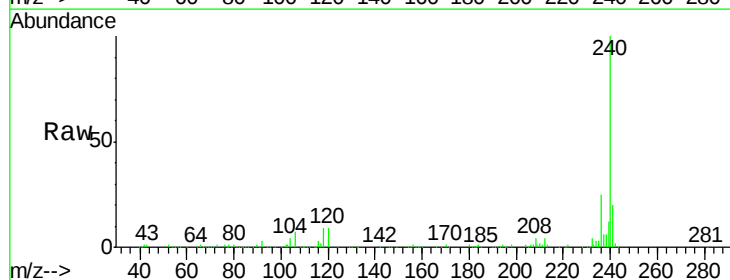


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

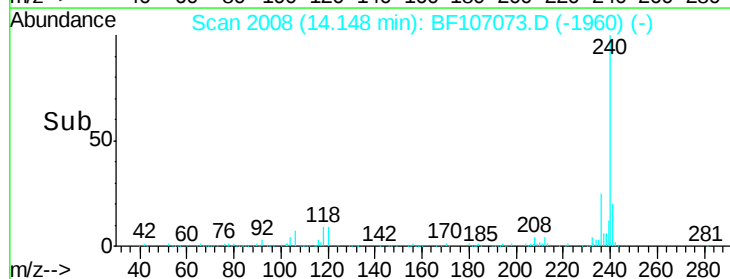
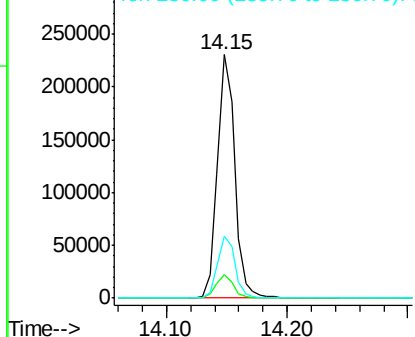


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107073.D
Acq: 3 Jul 2018 11:06

Tgt Ion:240 Resp: 227031
Ion Ratio Lower Upper
240 100
120 9.4 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

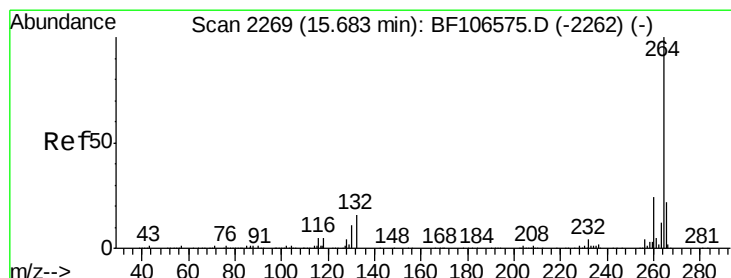
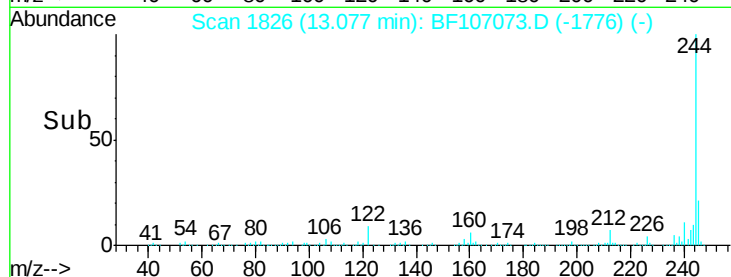
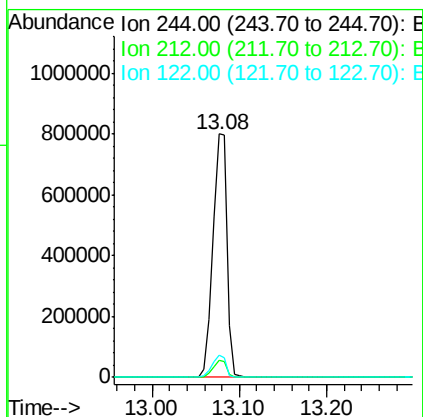
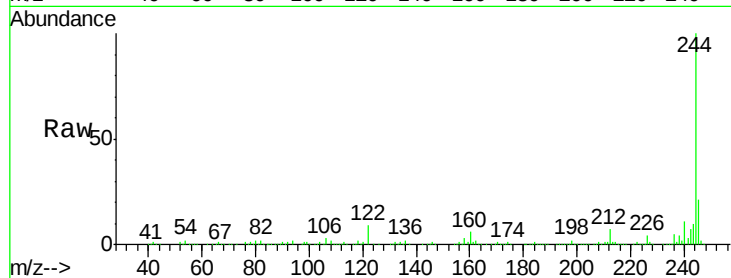




#78
 Terphenyl-d14
 Concen: 95.639 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107073.D
 Acq: 3 Jul 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BL

Tgt Ion:244 Resp: 896380
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 9.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF107073.D
 Acq: 3 Jul 2018 11:06

Tgt Ion:264 Resp: 175875
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.5 17.5 26.3

