

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107169.D
 Acq On : 6 Jul 2018 13:36
 Operator : JU/SJ
 Sample : PB110856BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BL

Quant Time: Jul 06 14:33:52 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

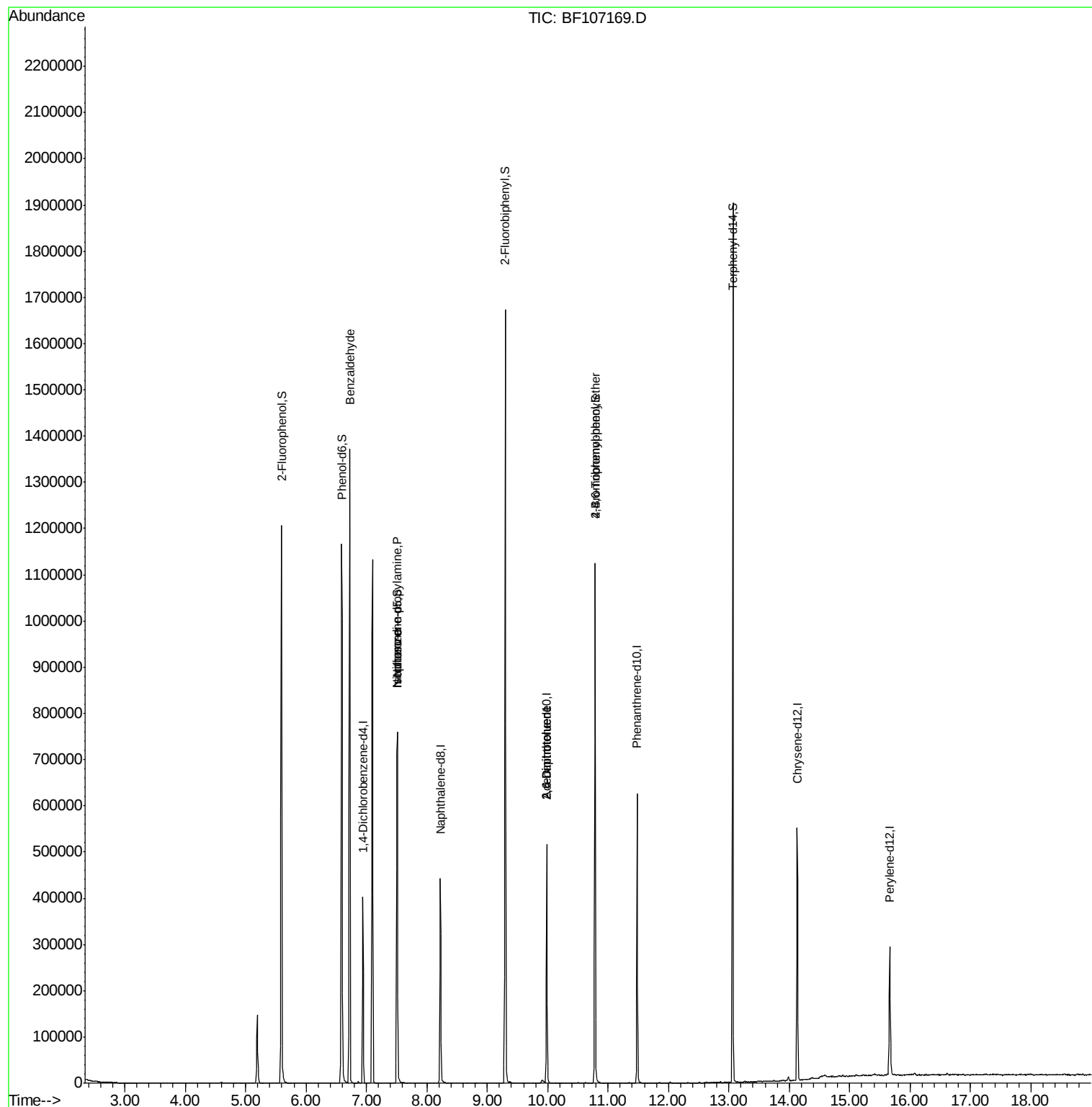
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57017	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	225426	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	121109	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	261390	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	206659	20.00	ng	-0.04
86) Perylene-d12	15.67	264	158747	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	385437	114.47	ng	0.00
7) Phenol-d6	6.59	99	480672	114.31	ng	-0.02
23) Nitrobenzene-d5	7.51	82	310865	76.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	179065	127.57	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	606137	84.65	ng	-0.02
78) Terphenyl-d14	13.07	244	780499	91.48	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	8488	2.397	ng	90
19) n-Nitroso-di-n-propylamine	7.51	70	40129	14.478	ng	# 74
25) Isophorone	7.51	82	310861	43.490	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	15267	7.937	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	15267	6.081	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	10418	3.340	ng	# 1

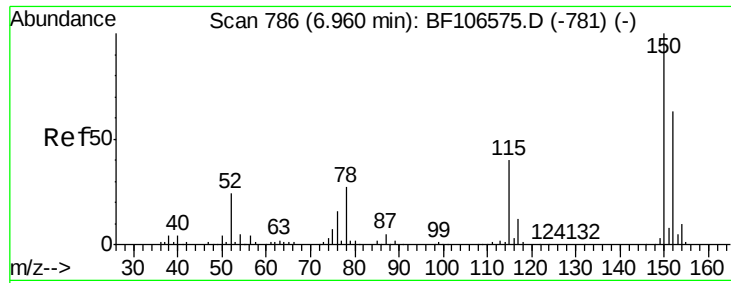
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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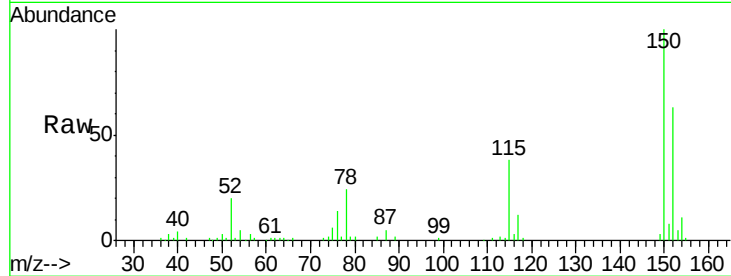


#1

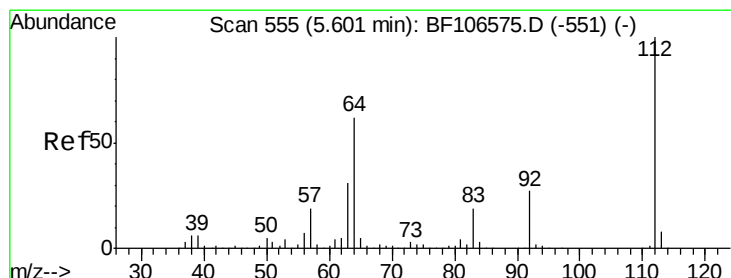
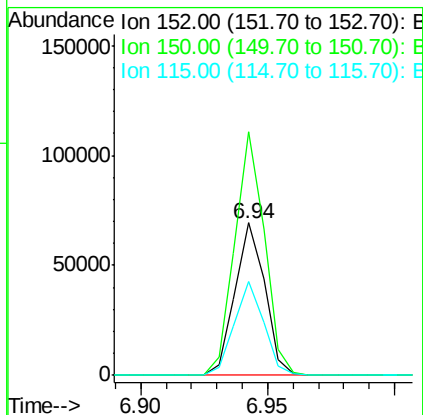
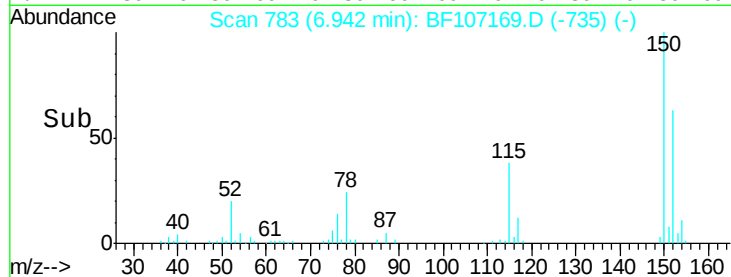
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB110856BL

Tgt Ion:152 Resp: 57017
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 61.4 50.1 75.1



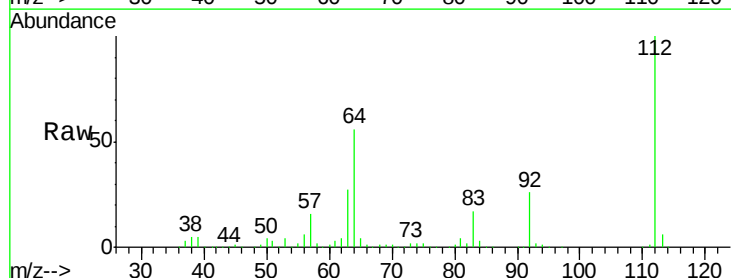
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



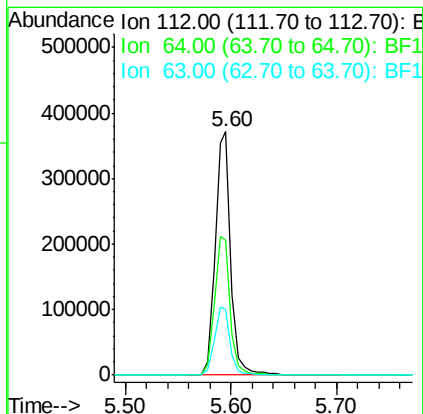
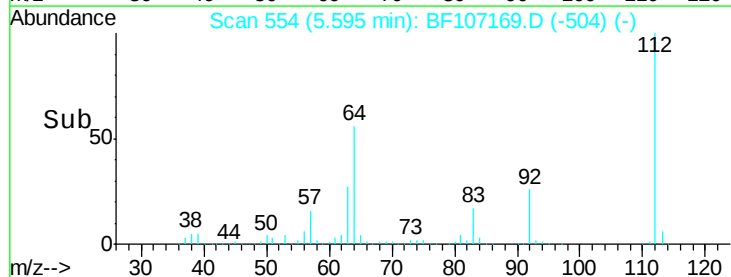
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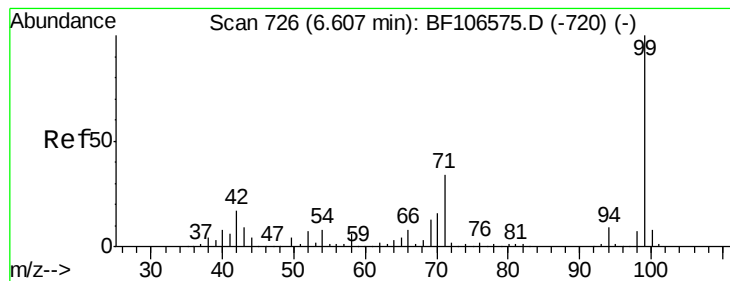
2-Fluorophenol
Concen: 114.469 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Tgt Ion:112 Resp: 385437
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.1 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: 114.311 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB110856BL

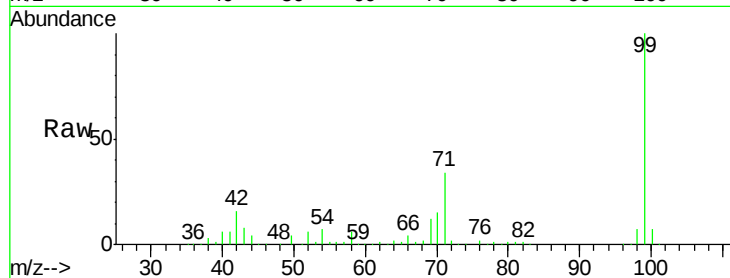
Tgt Ion: 99 Resp: 480672

Ion Ratio Lower Upper

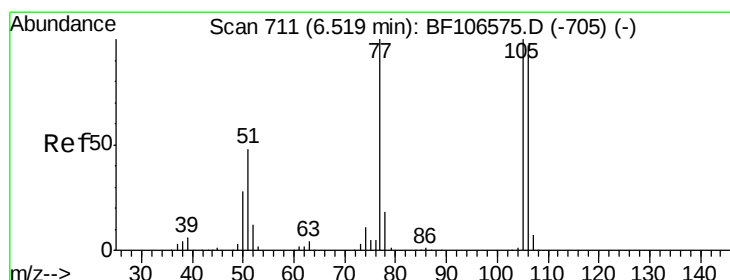
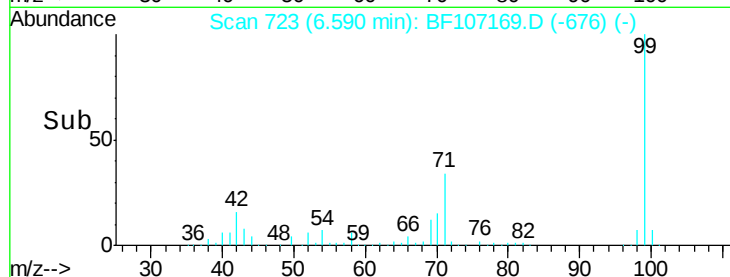
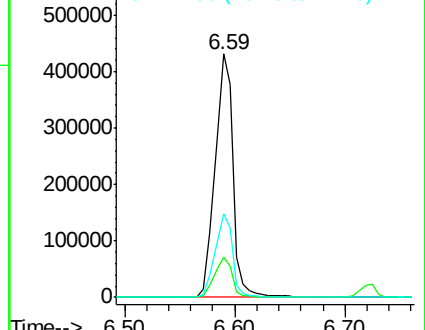
99 100

42 16.3 14.5 21.7

71 34.3 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: 2.397 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

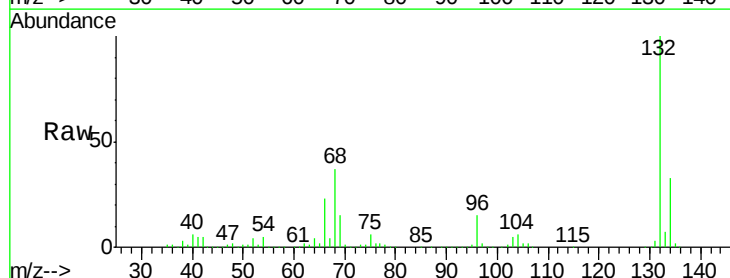
Tgt Ion: 77 Resp: 8488

Ion Ratio Lower Upper

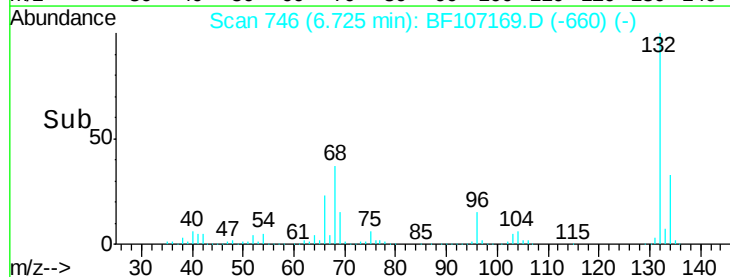
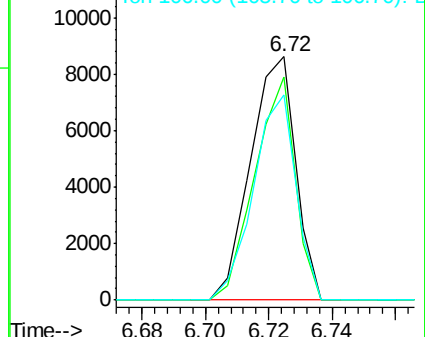
77 100

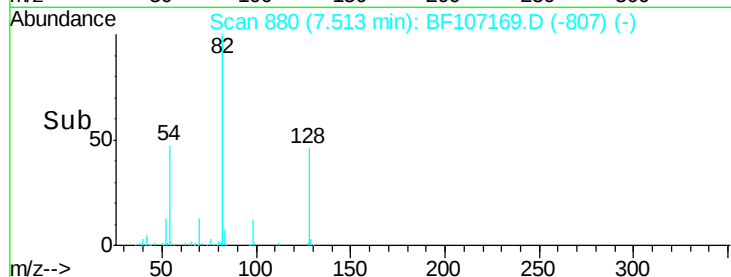
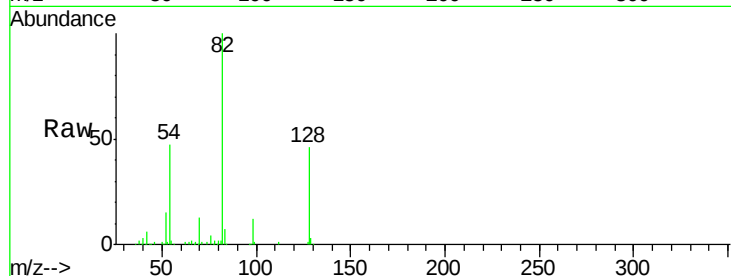
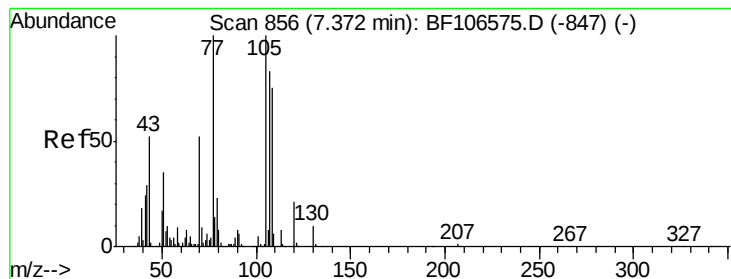
105 91.8 81.1 121.1

106 84.3 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: 14.478 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB110856BL

Tgt Ion: 70 Resp: 40129

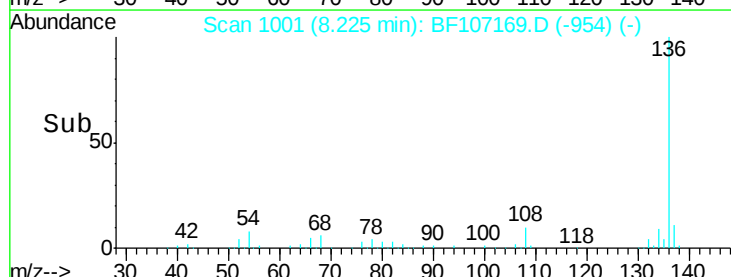
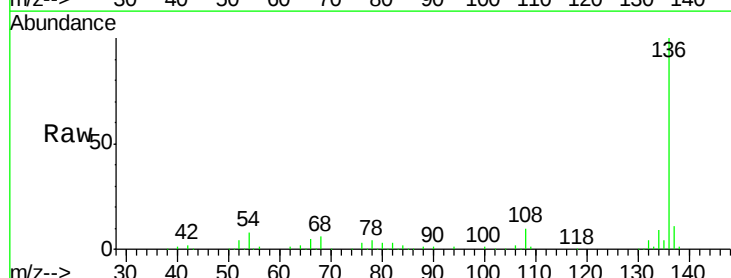
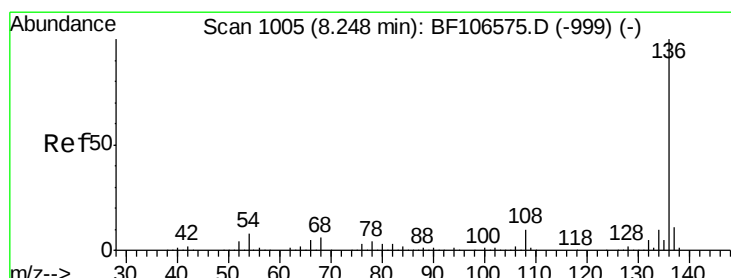
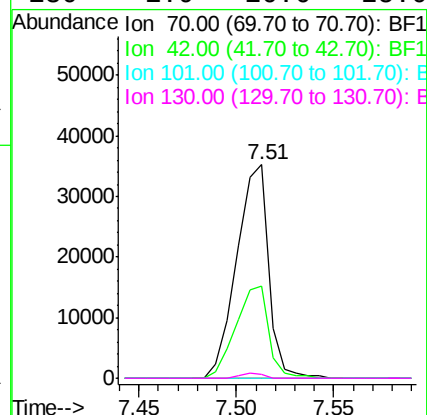
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107169.D

Acq: 6 Jul 2018 13:36

Tgt Ion: 136 Resp: 225426

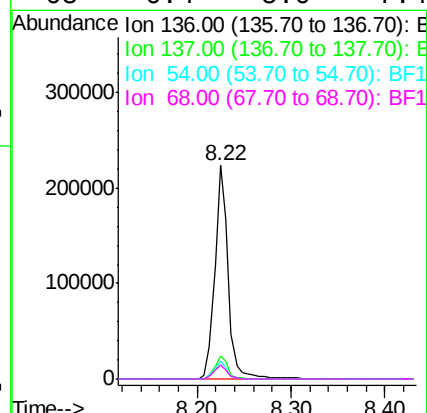
Ion Ratio Lower Upper

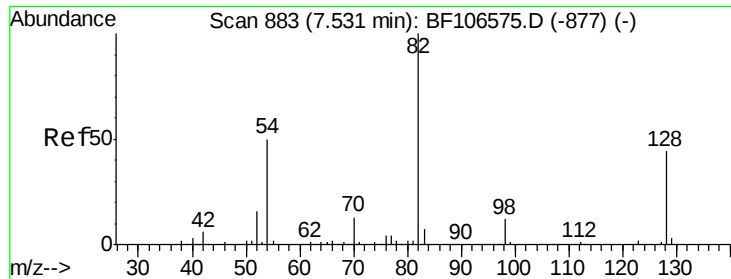
136 100

137 11.0 8.9 13.3

54 8.3 6.6 9.8

68 6.4 5.0 7.4

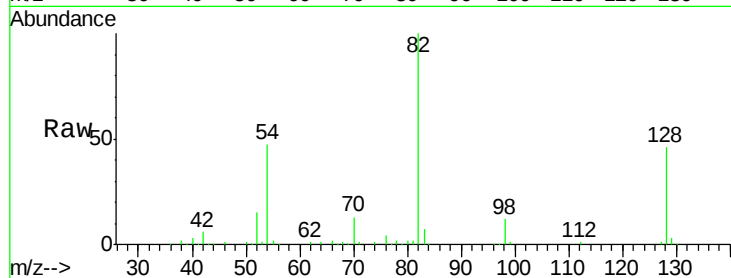




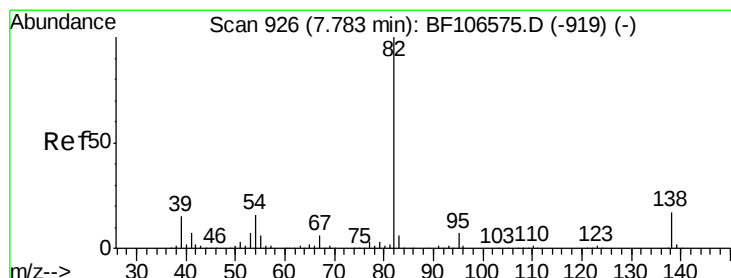
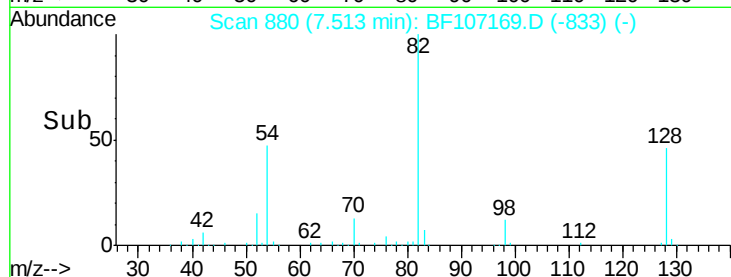
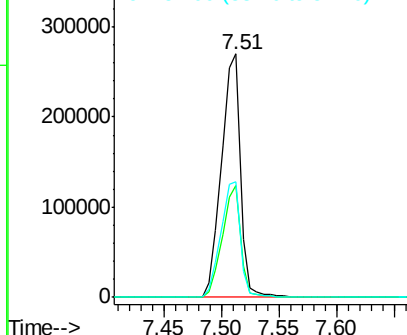
#23
Nitrobenzene-d5
Concen: 76.637 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB110856BL

Tgt Ion: 82 Resp: 310865
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 47.3 41.4 62.2

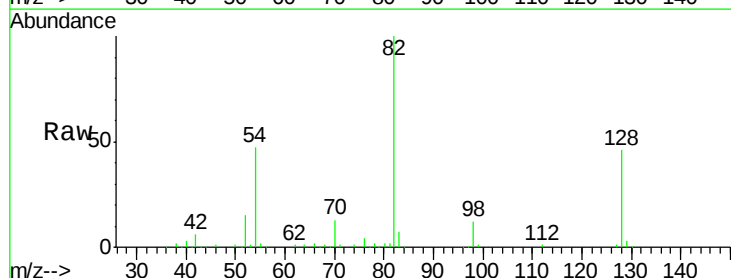


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

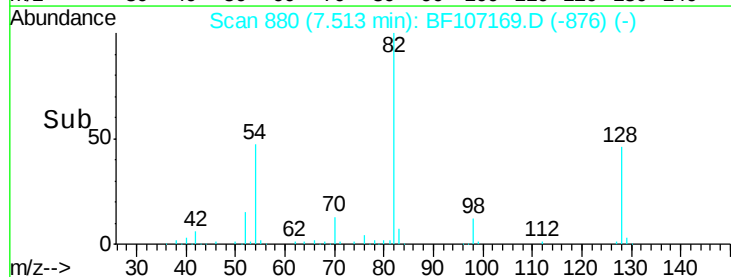
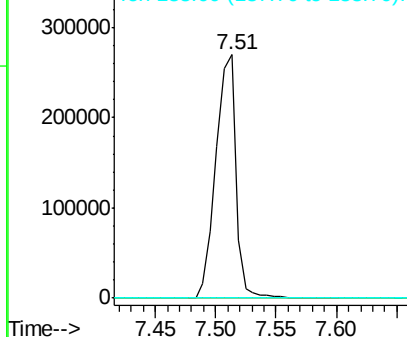


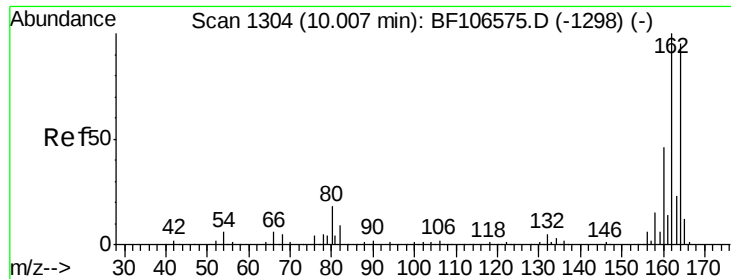
#25
Isophorone
Concen: 43.490 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Tgt Ion: 82 Resp: 310861
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

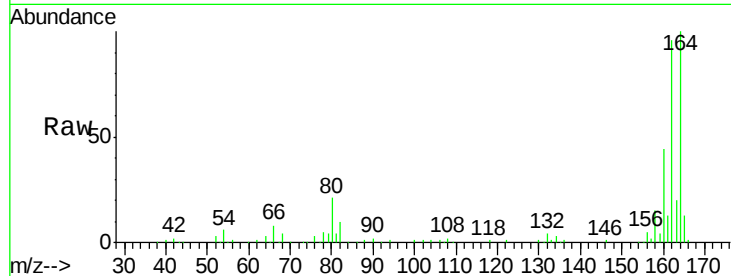




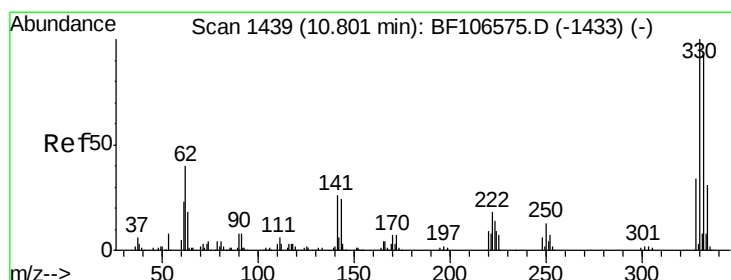
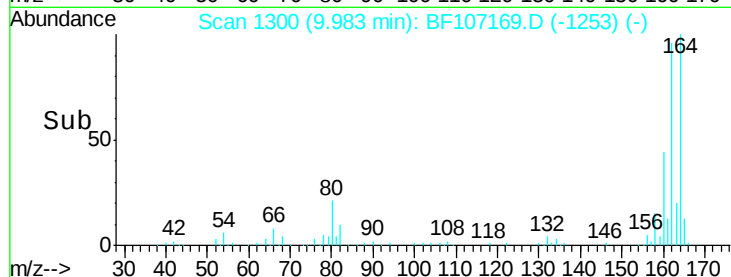
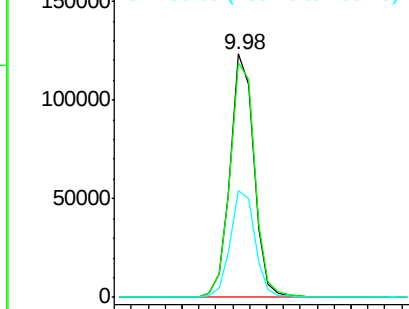
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB110856BL

Tgt Ion:164 Resp: 121109
Ion Ratio Lower Upper
164 100
162 96.3 86.1 129.1
160 43.8 38.3 57.5

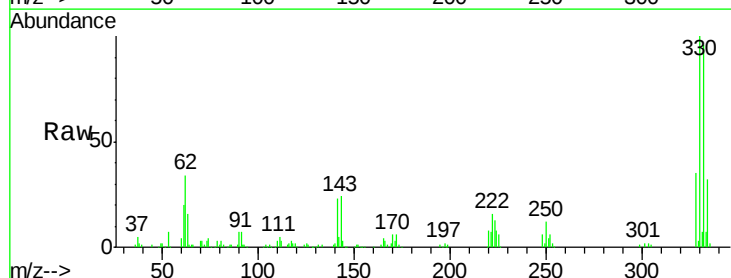


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

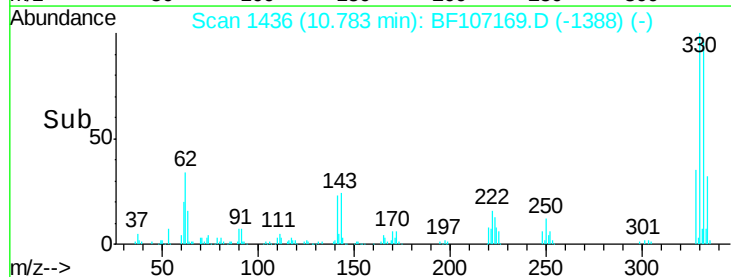
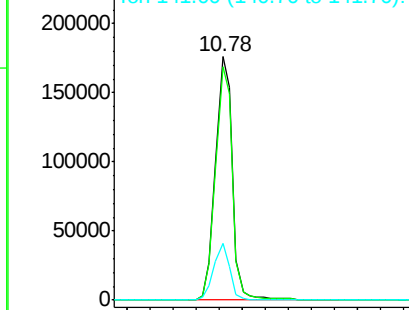


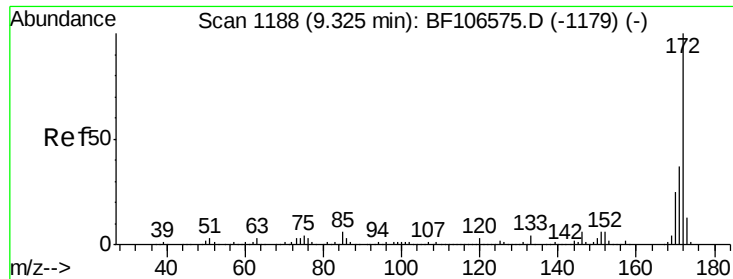
#41
2,4,6-Tribromophenol
Concen: 127.568 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Tgt Ion:330 Resp: 179065
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 22.3 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

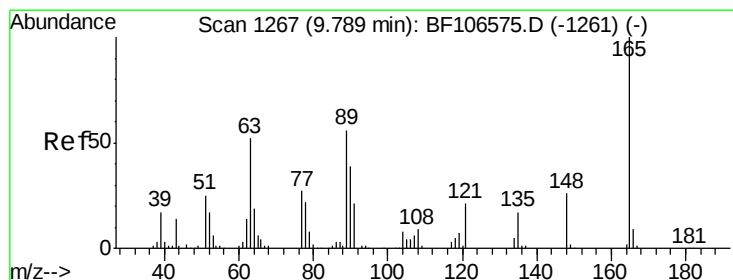
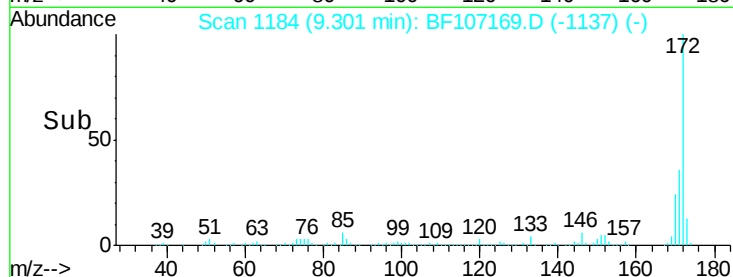
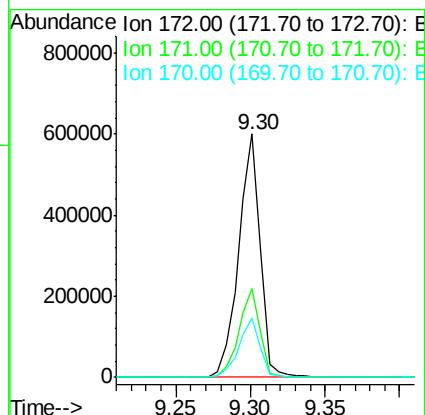
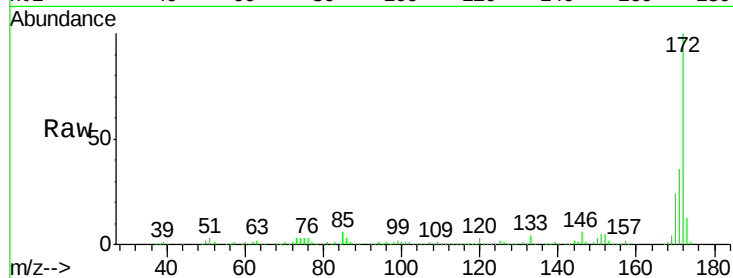




#44
 2-Fluorobiphenyl
 Concen: 84.654 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

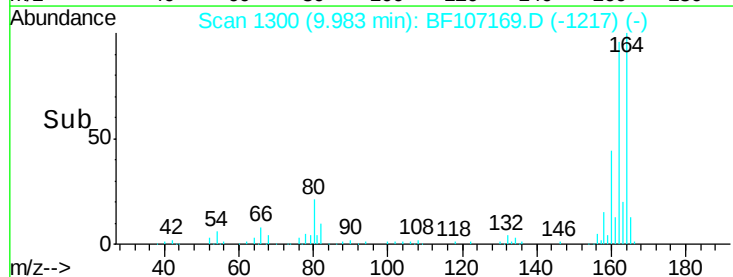
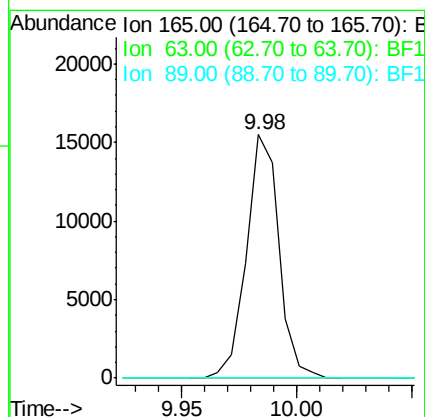
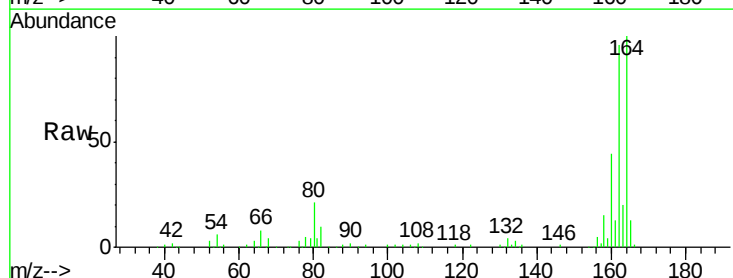
Instrument :
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 PB110856BL

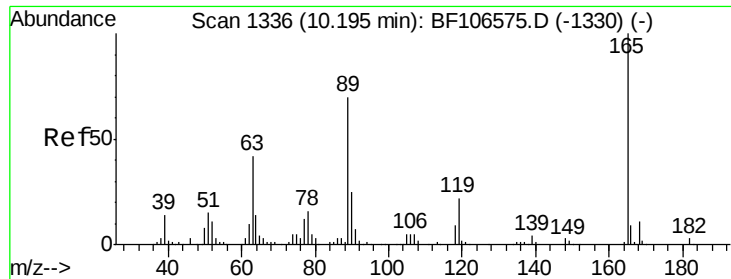
Tgt Ion:172 Resp: 606137
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.937 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.19 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Tgt Ion:165 Resp: 15267
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

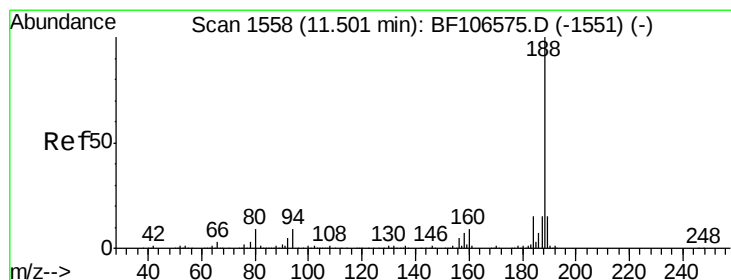
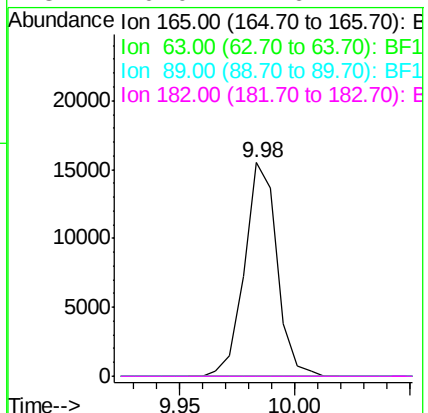
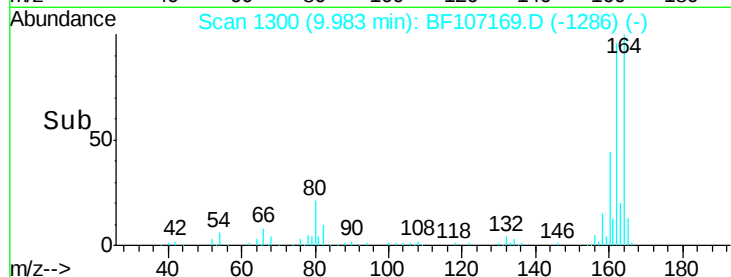
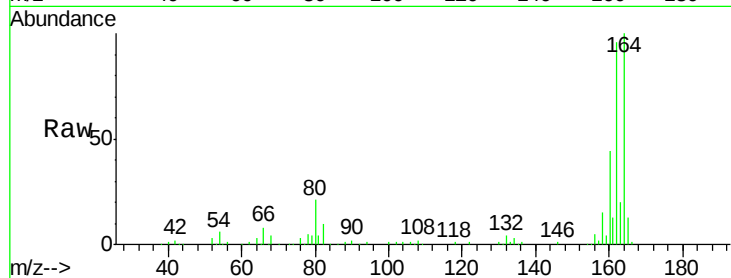




#56
2,4-Dinitrotoluene
Concen: 6.081 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

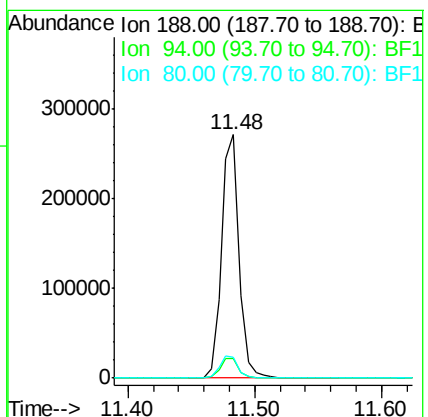
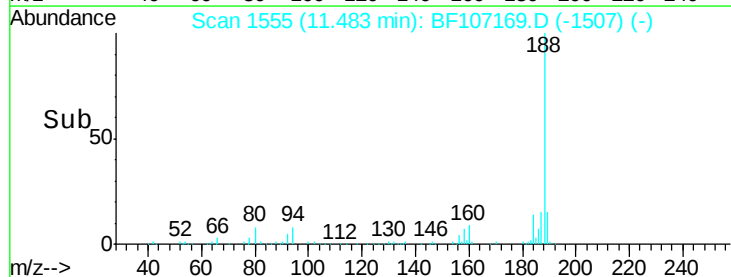
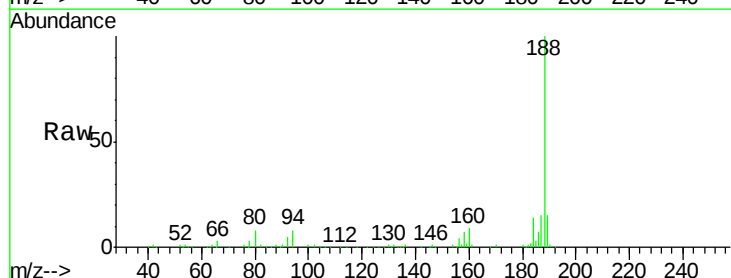
Instrument :
BNA_F
ClientSampleId :
PB110856BL

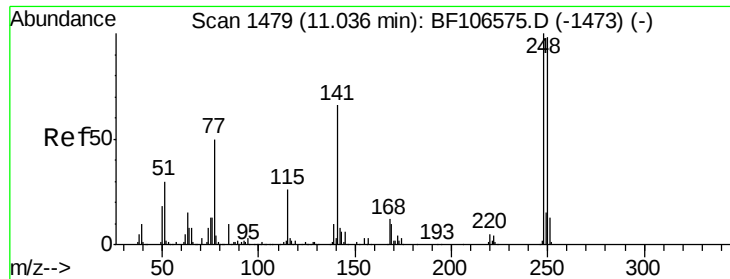
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.3	9.2	13.8#

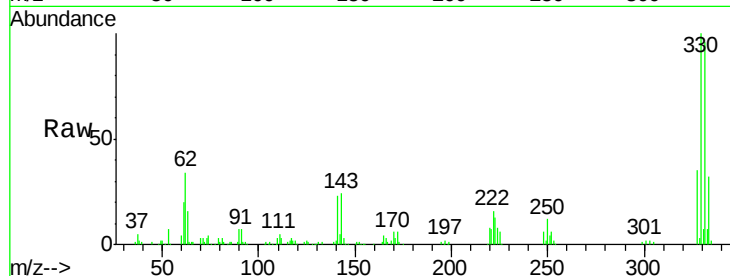




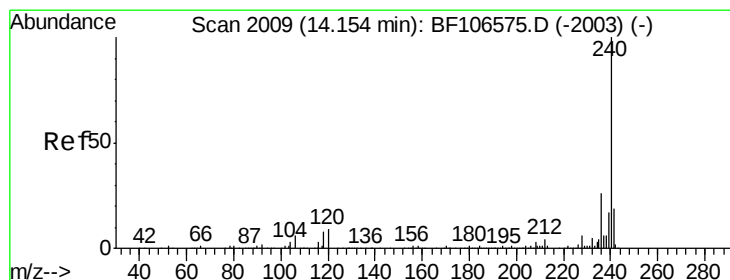
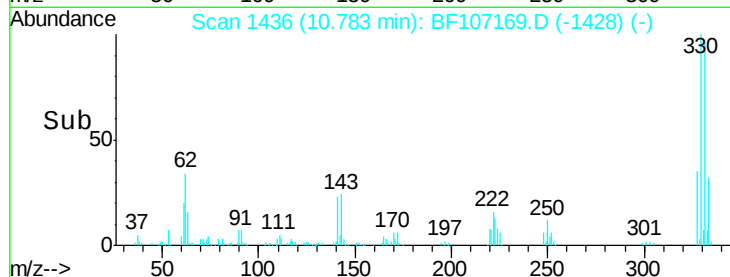
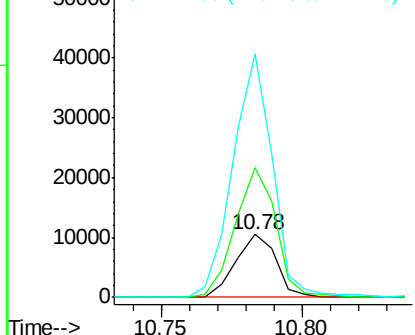
#66
4-Bromophenyl-phenylether
Concen: 3.340 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB110856BL

Tgt Ion:248 Resp: 10418
Ion Ratio Lower Upper
248 100
250 206.9 76.9 115.3#
141 389.1 74.4 111.6#

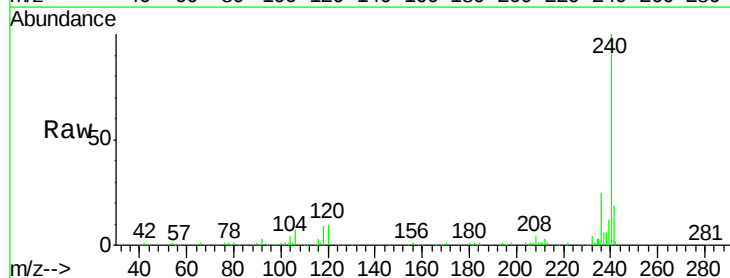


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

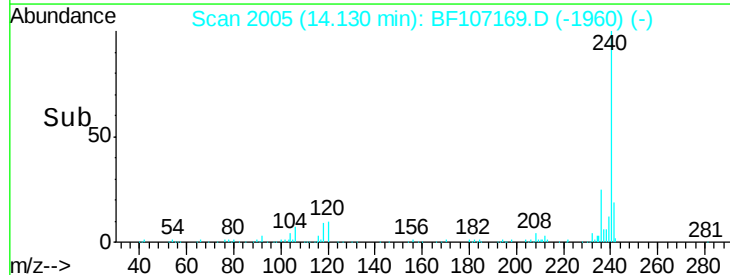
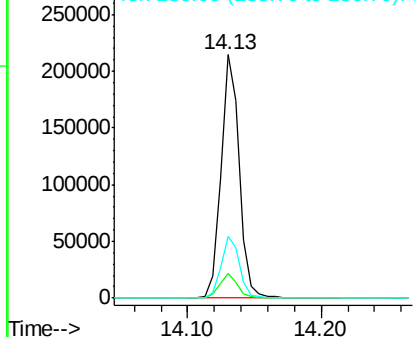


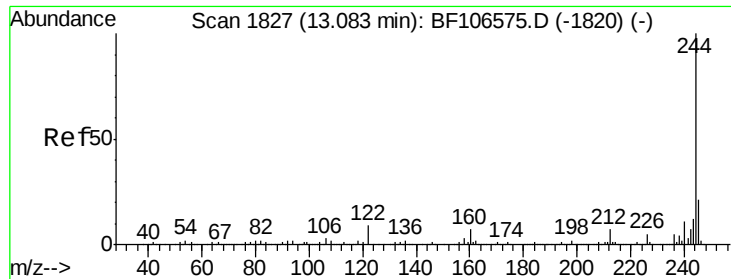
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF107169.D
Acq: 6 Jul 2018 13:36

Tgt Ion:240 Resp: 206659
Ion Ratio Lower Upper
240 100
120 10.3 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

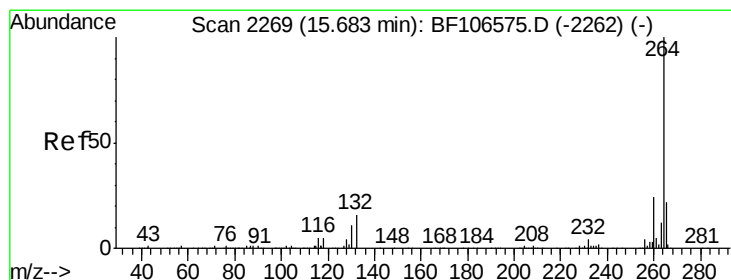
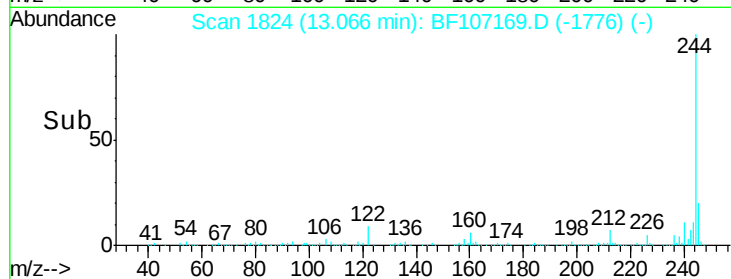
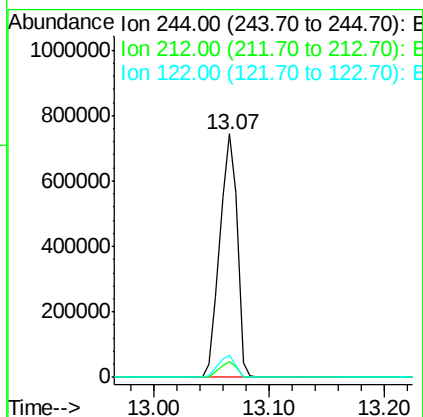
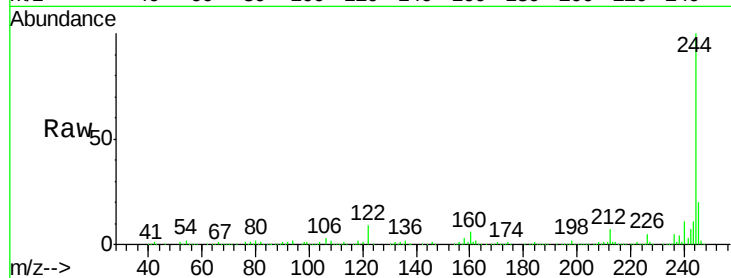




#78
 Terphenyl-d14
 Concen: 91.484 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BL

Tgt Ion: 244 Resp: 780499
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107169.D
 Acq: 6 Jul 2018 13:36

Tgt Ion: 264 Resp: 158747
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.8 17.5 26.3

