

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108059.D
 Acq On : 9 Aug 2018 18:17
 Operator : JU/SJ
 Sample : J4382-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11

Quant Time: Aug 10 01:09:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	289475	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1031194	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	435872	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	751247	20.00	ng	0.00
75) Chrysene-d12	14.21	240	713695	20.00	ng	0.00
86) Perylene-d12	15.78	264	539177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1583187	99.02	ng	0.01
7) Phenol-d6	6.63	99	2115253	99.55	ng	0.00
23) Nitrobenzene-d5	7.58	82	1342098	72.63	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	411647	94.68	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2004693	73.84	ng	0.00
78) Terphenyl-d14	13.15	244	1979795	70.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	185385	12.903	ng	# 85
25) Isophorone	7.58	82	1339626	38.033	ng	# 64
32) Benzoic acid	8.30	122	263	6.000	ng	# 1
49) Dimethylphthalate	9.77	163	410585	13.523	ng	# 99
56) 2,4-Dinitrotoluene	10.06	165	57217	6.998	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1093	5.703	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	27965	3.425	ng	# 1

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

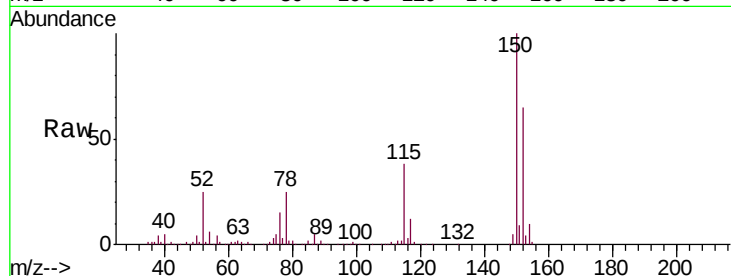


#1

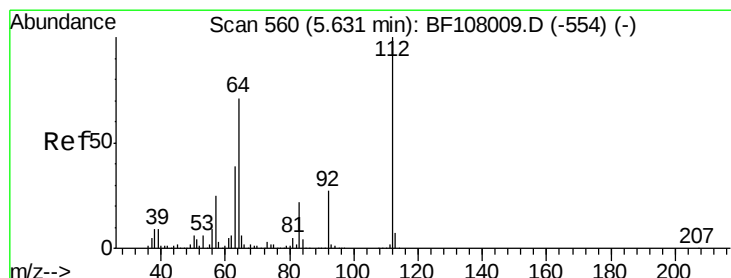
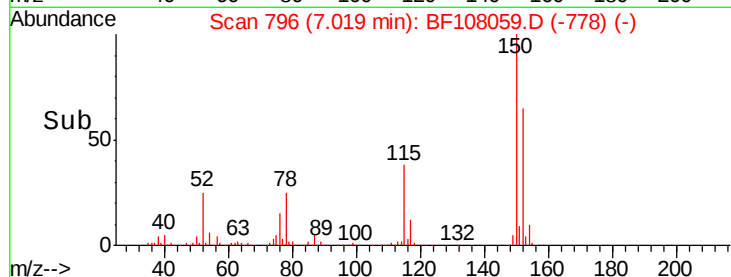
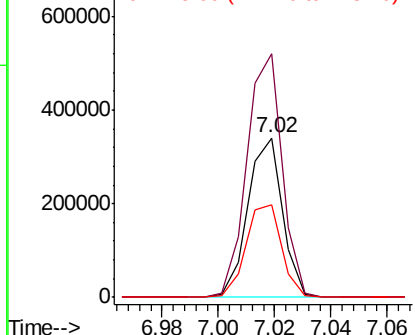
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11

Tgt Ion:152 Resp: 289475
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 57.7 50.1 75.1



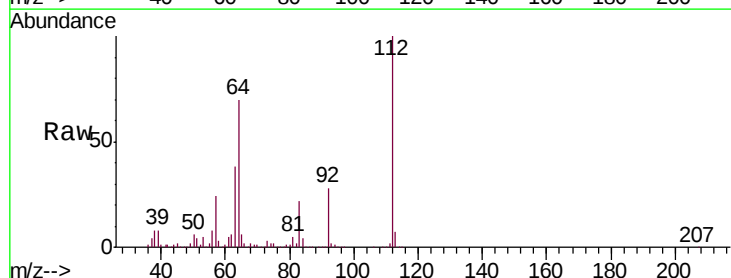
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



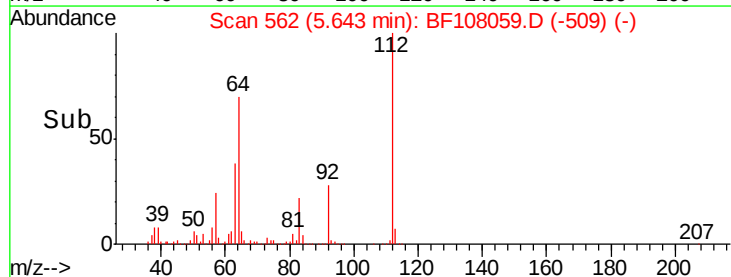
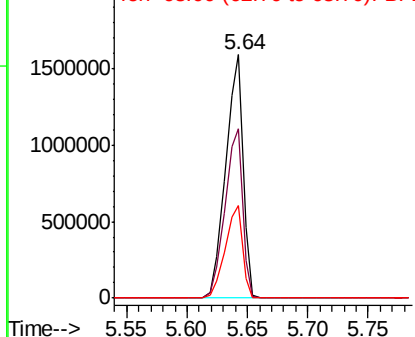
#5

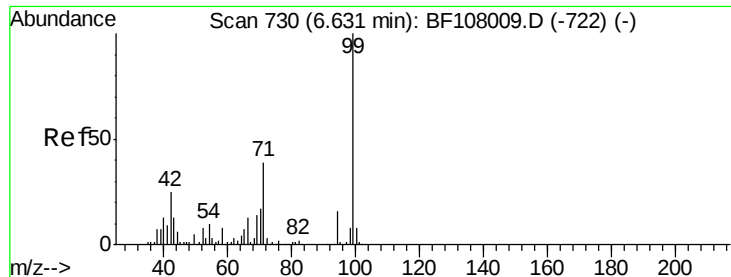
2-Fluorophenol
Concen: 99.017 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

Tgt Ion:112 Resp: 1583187
Ion Ratio Lower Upper
112 100
64 69.6 47.9 71.9
63 38.0 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: 99.554 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11

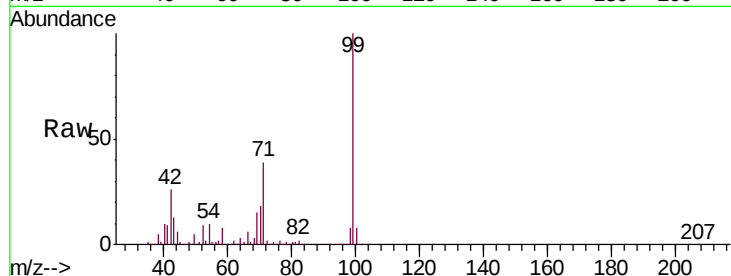
Tgt Ion: 99 Resp: 2115253

Ion Ratio Lower Upper

99 100

42 25.6 14.5 21.7#

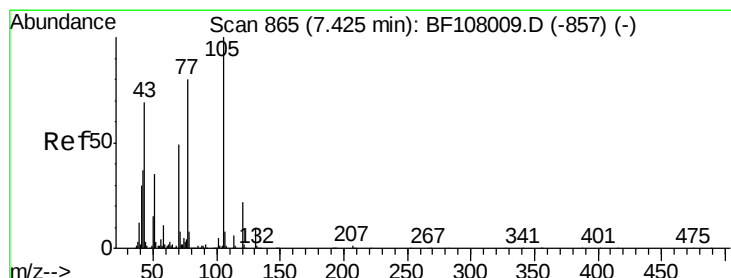
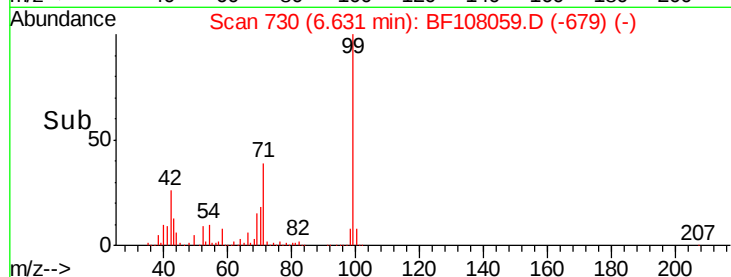
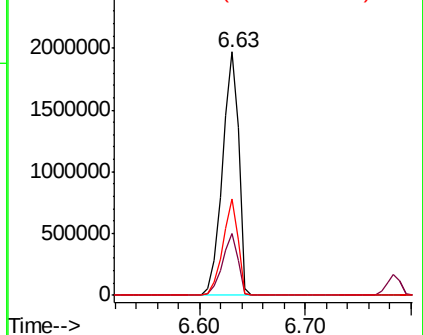
71 39.5 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.903 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

Tgt Ion: 70 Resp: 185385

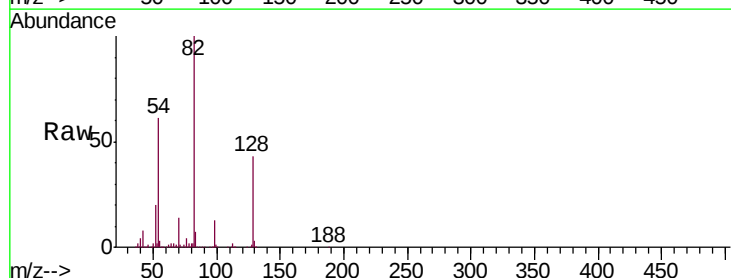
Ion Ratio Lower Upper

70 100

42 56.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

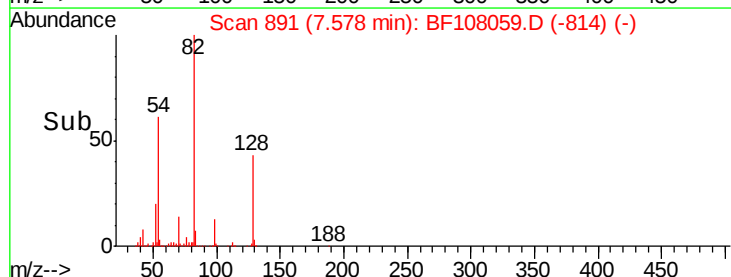
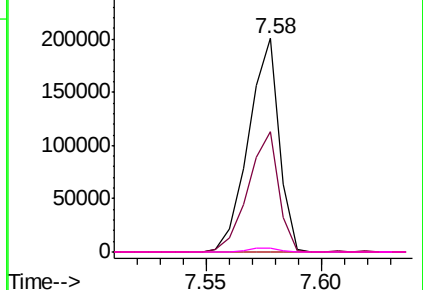


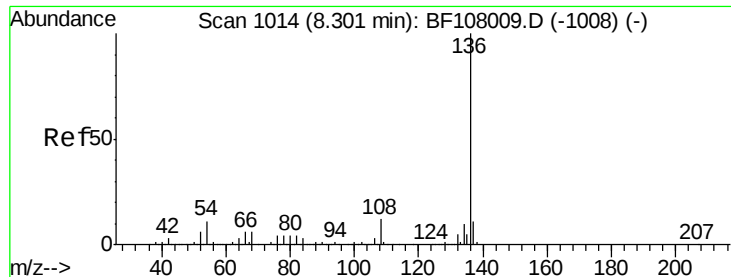
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



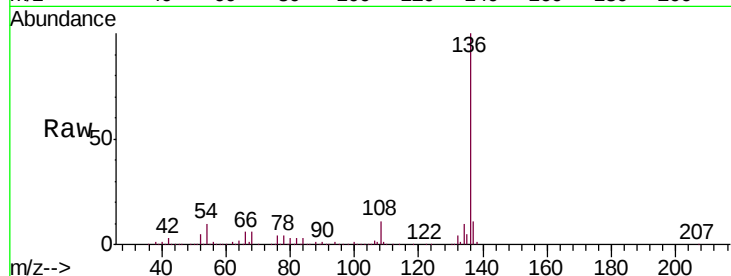


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

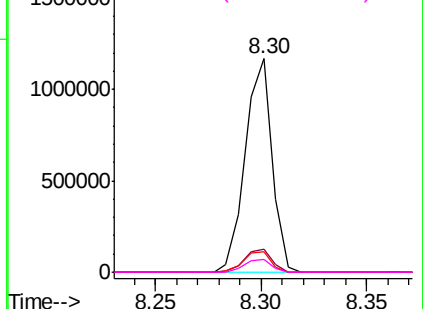
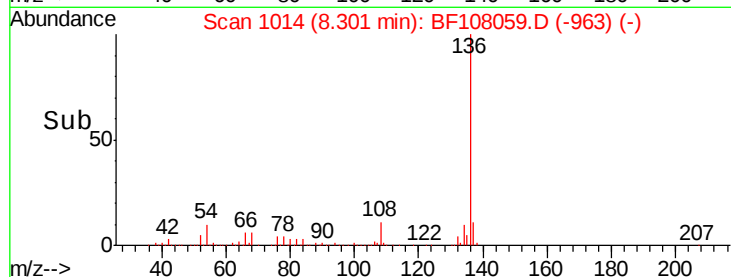
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11

Tgt Ion:136 Resp: 1031194

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.7	6.6	9.8
68	6.2	5.0	7.4



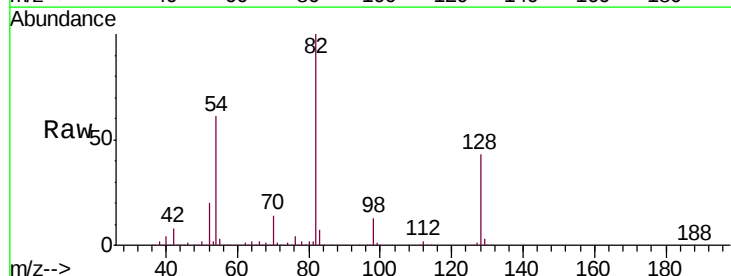
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



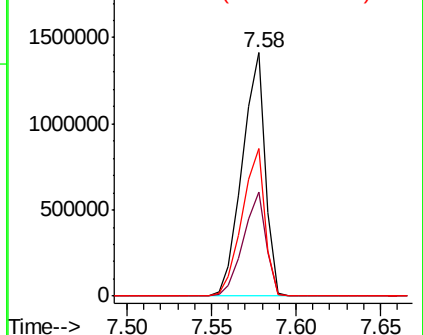
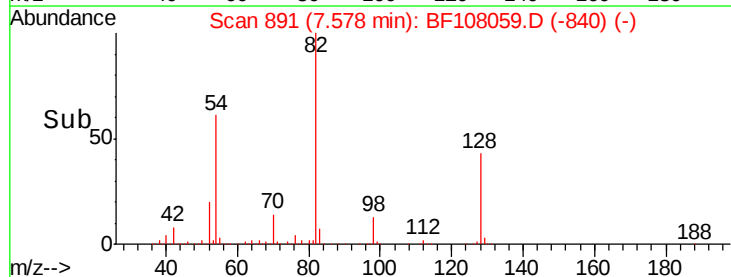
#23
Nitrobenzene-d5
Concen: 72.626 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

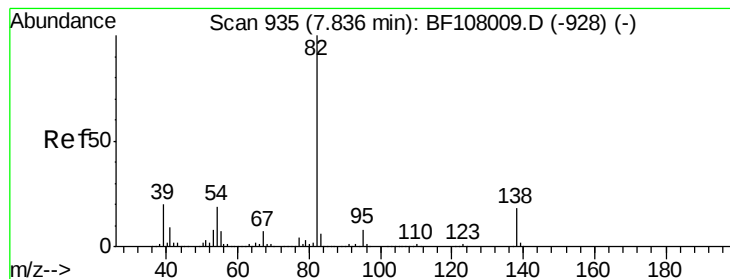
Tgt Ion: 82 Resp: 1342098

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.8	41.4	62.2



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





#25

Isophorone

Concen: 38.033 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11

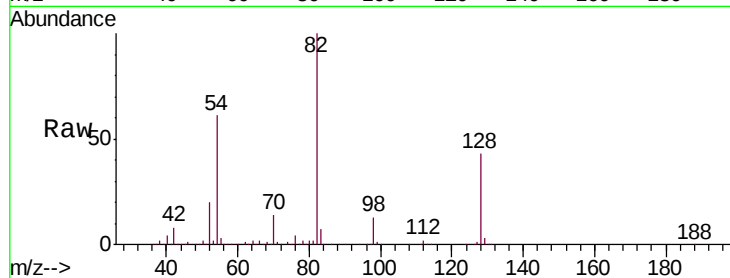
Tgt Ion: 82 Resp: 1339626

Ion Ratio Lower Upper

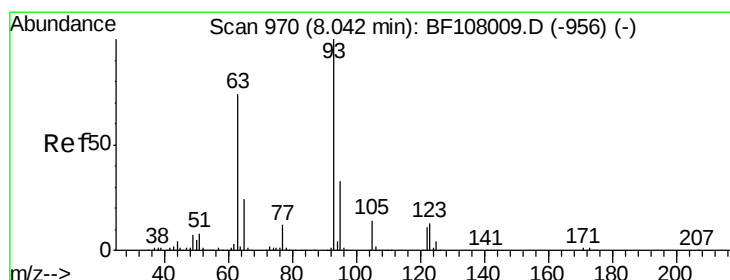
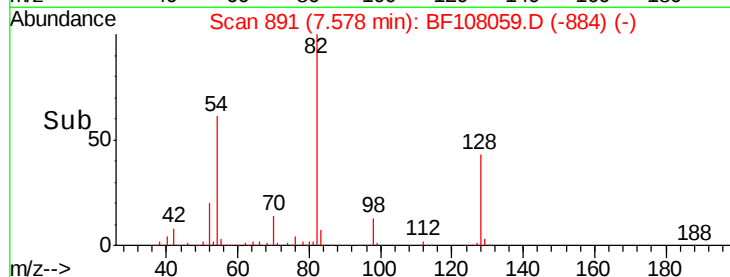
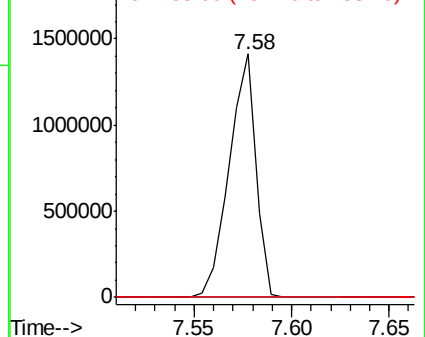
82 100

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: 6.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.26 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

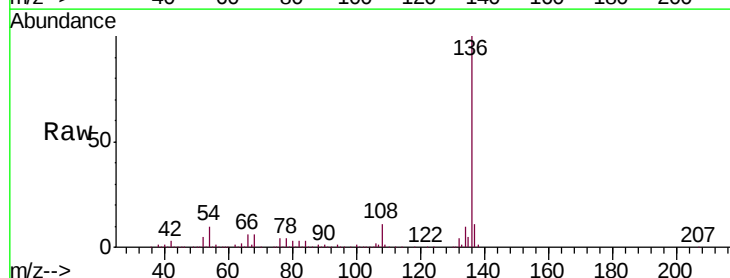
Tgt Ion: 122 Resp: 263

Ion Ratio Lower Upper

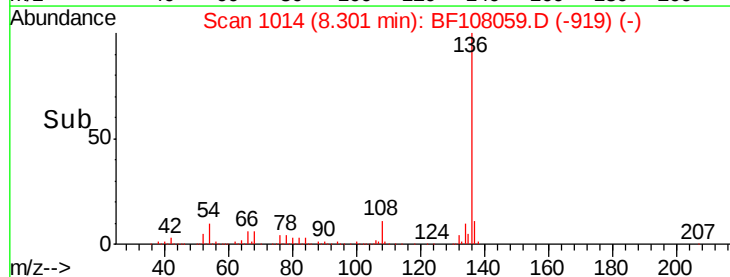
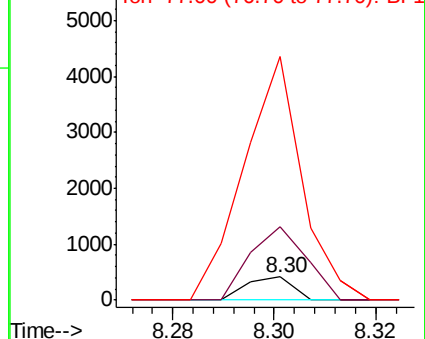
122 100

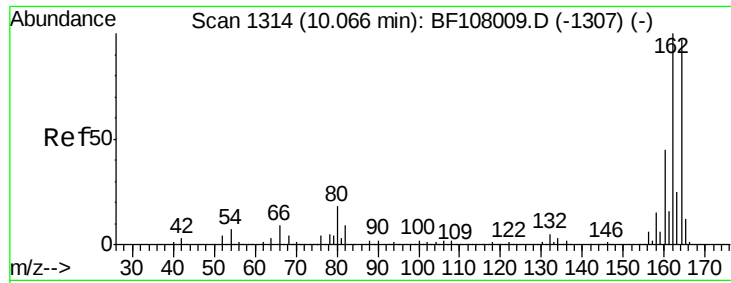
105 318.8 101.1 141.1#

77 1049.6 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11

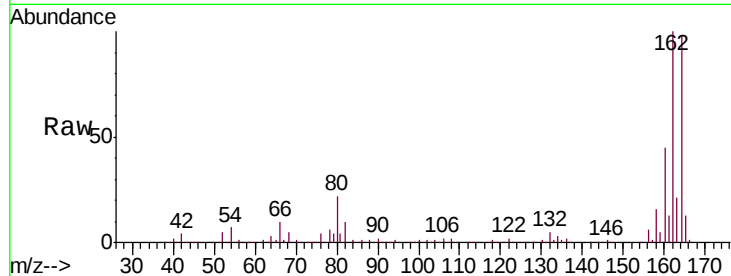
Tgt Ion:164 Resp: 435872

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

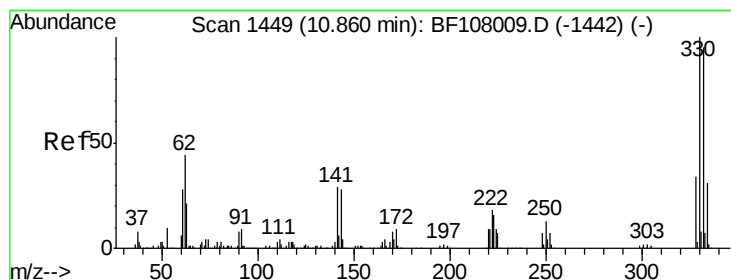
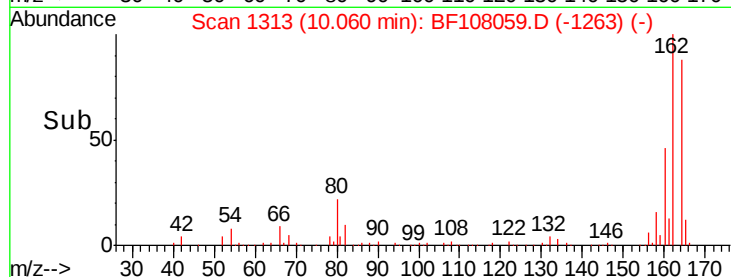
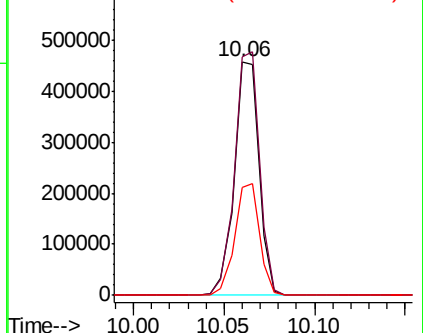
160 46.0 38.3 57.5



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: 94.681 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

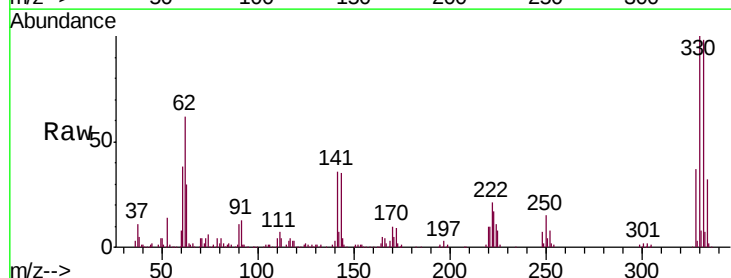
Tgt Ion:330 Resp: 411647

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

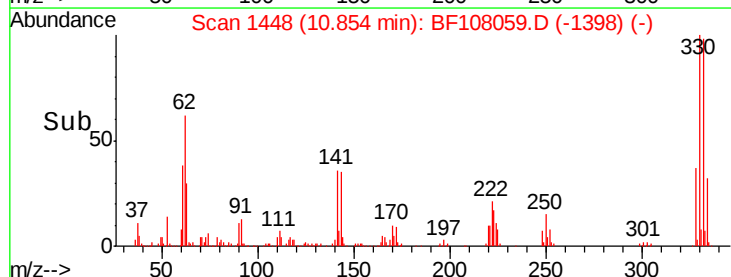
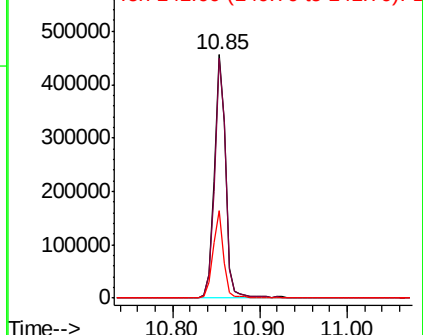
141 33.3 29.9 44.9

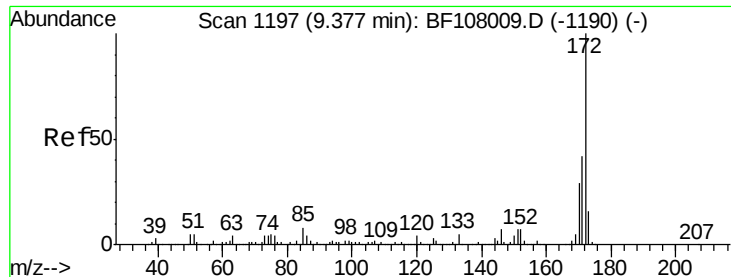


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

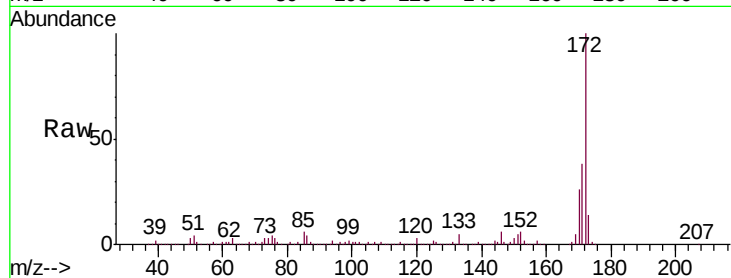




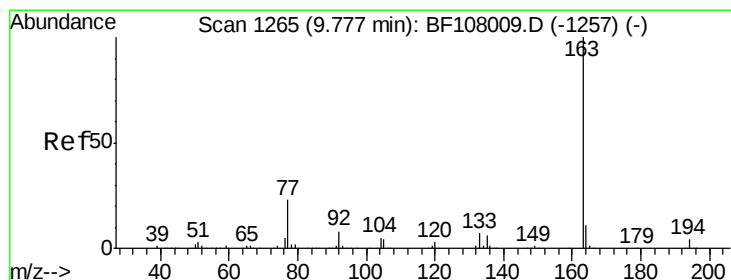
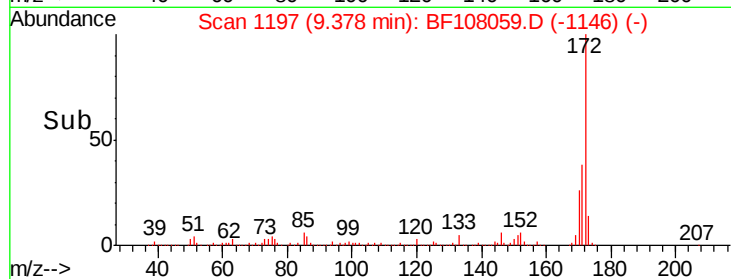
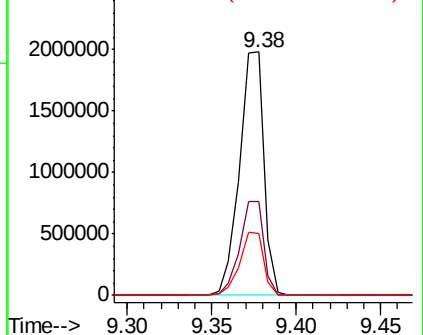
#44
 2-Fluorobiphenyl
 Concen: 73.840 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108059.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11

Tgt Ion:172 Resp: 2004693
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 25.6 19.6 29.4

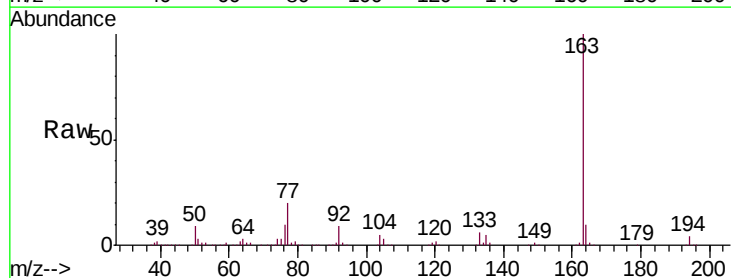


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

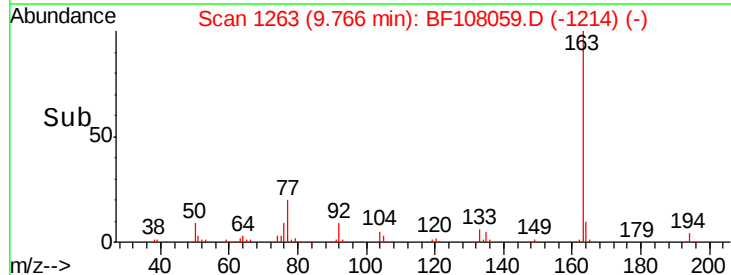
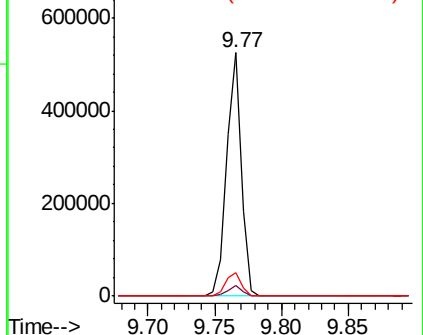


#49
 Dimethylphthalate
 Concen: 13.523 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF108059.D
 Acq: 9 Aug 2018 18:17

Tgt Ion:163 Resp: 410585
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 9.8 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

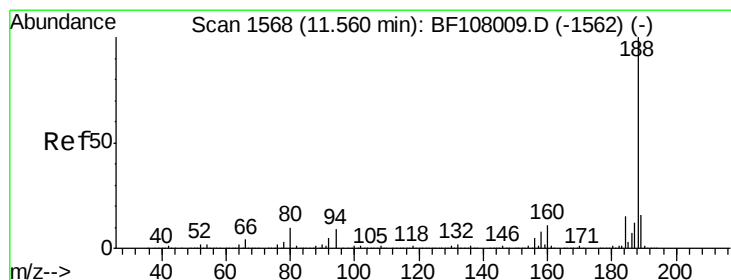
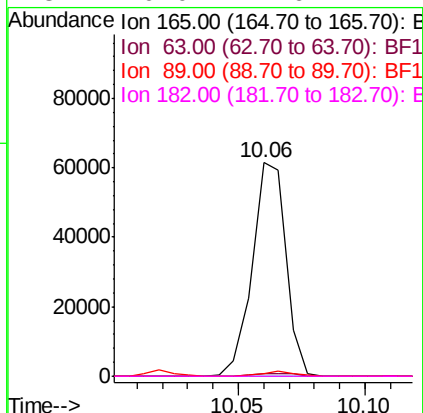
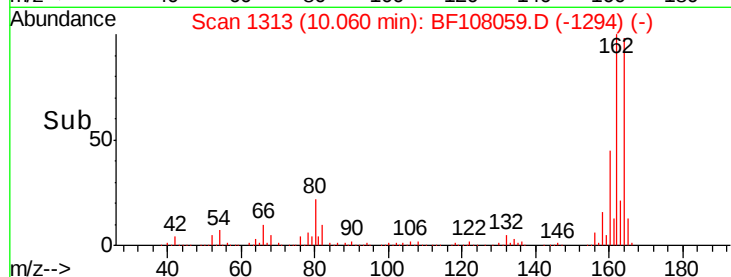
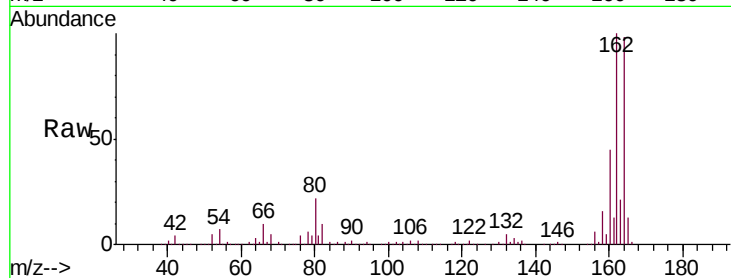




#56
2,4-Dinitrotoluene
Concen: 6.998 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

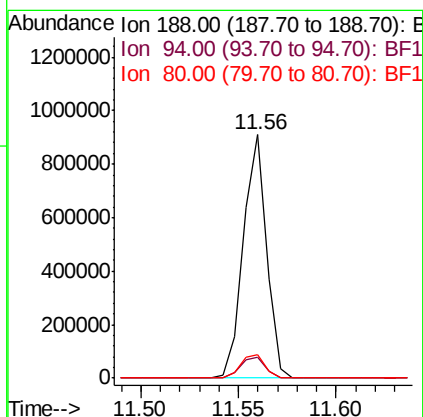
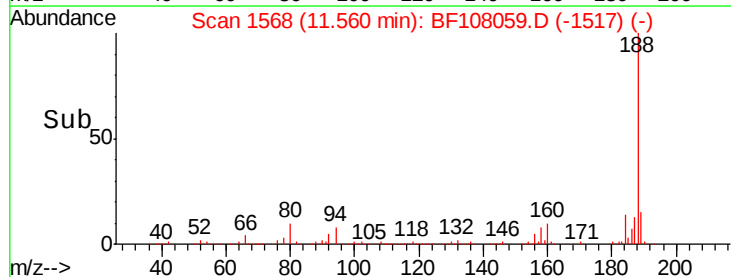
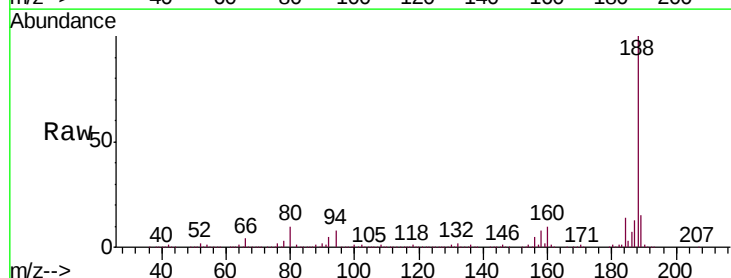
Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11

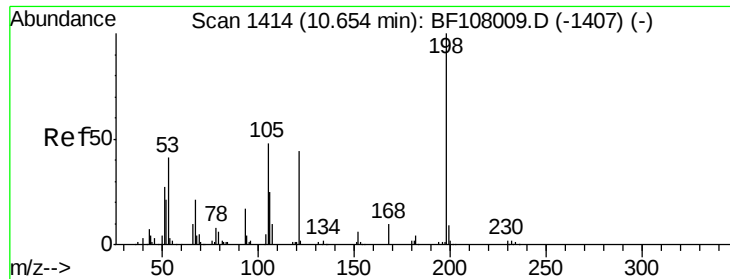
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.7	9.2	13.8

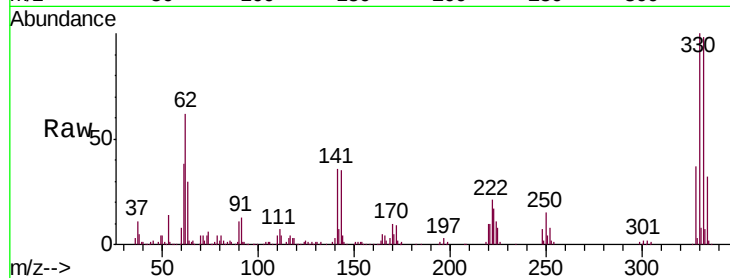




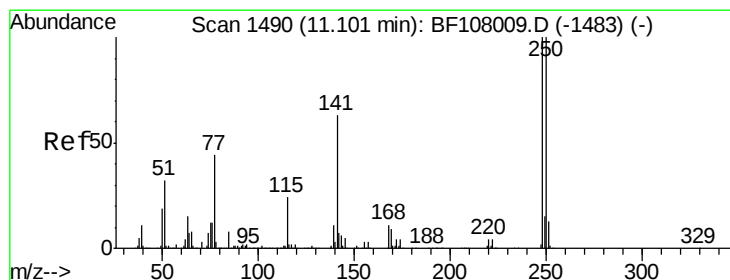
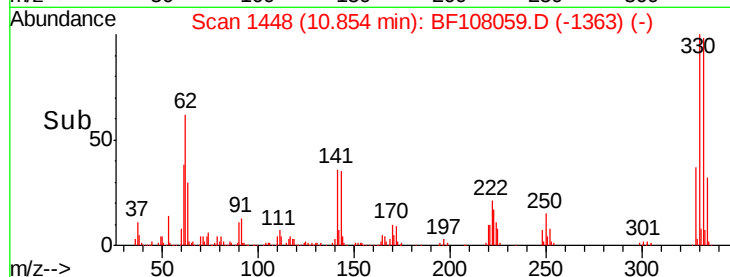
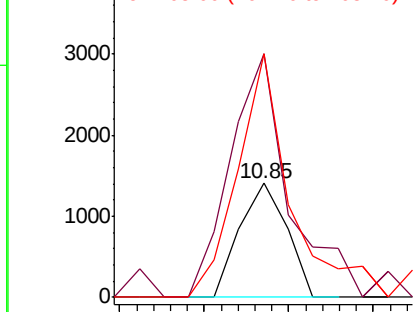
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.703 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108059.D
 Acq: 9 Aug 2018 18:17

Instrument :
 BNA_F
 ClientSampleId :
 JTY-SB-03-04-05-1-11

Tgt Ion:198 Resp: 1093
 Ion Ratio Lower Upper
 198 100
 51 213.5 37.7 77.7#
 105 213.2 36.3 76.3#

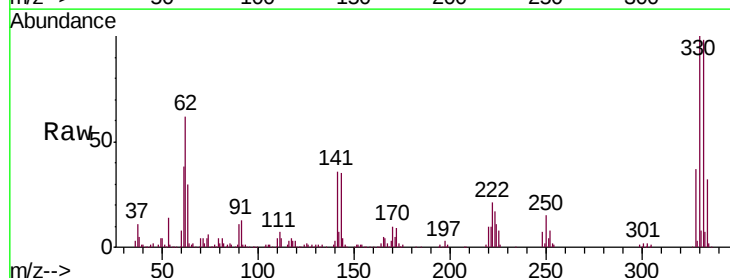


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

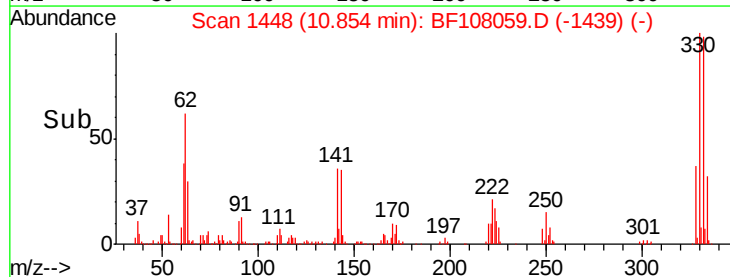
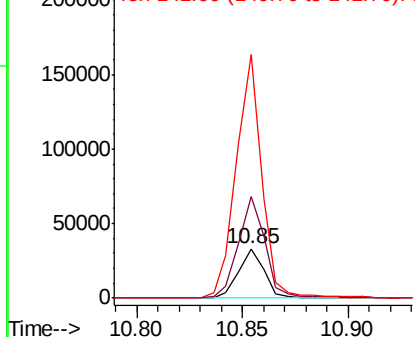


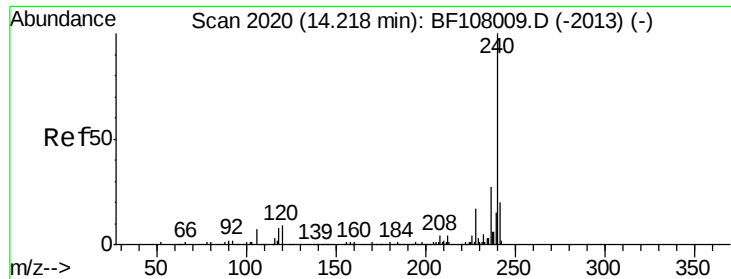
#66
 4-Bromophenyl-phenylether
 Concen: 3.425 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108059.D
 Acq: 9 Aug 2018 18:17

Tgt Ion:248 Resp: 27965
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.9 115.3#
 141 491.7 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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

Instrument :

BNA_F

ClientSampleId :

JTY-SB-03-04-05-1-11

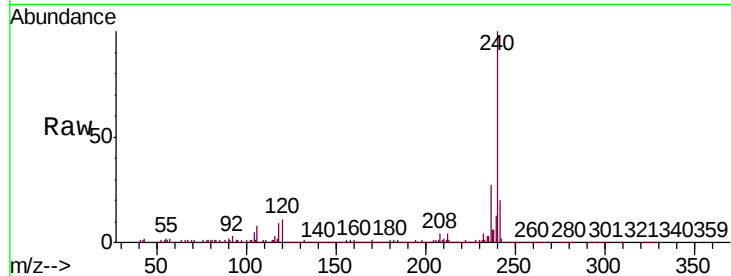
Tgt Ion:240 Resp: 713695

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

236 27.3 20.7 31.1

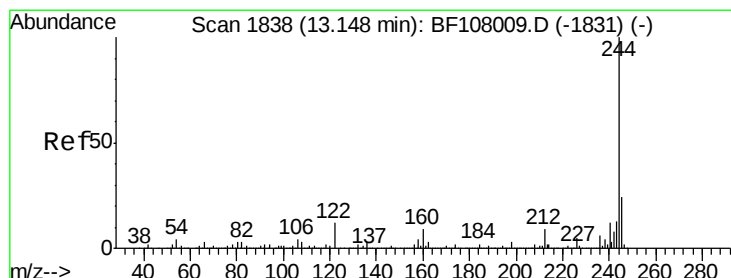
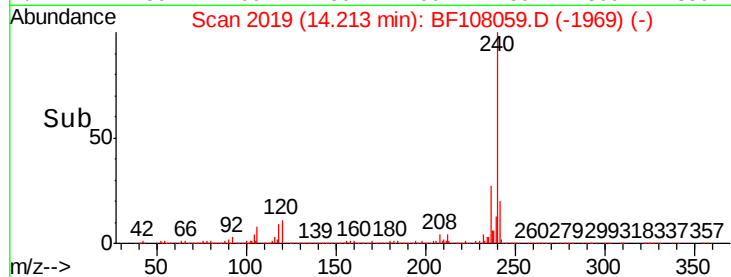
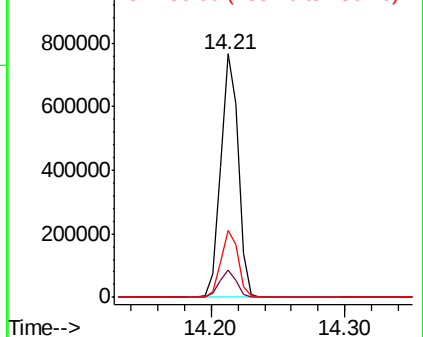


Abundance

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: 70.531 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108059.D

Acq: 9 Aug 2018 18:17

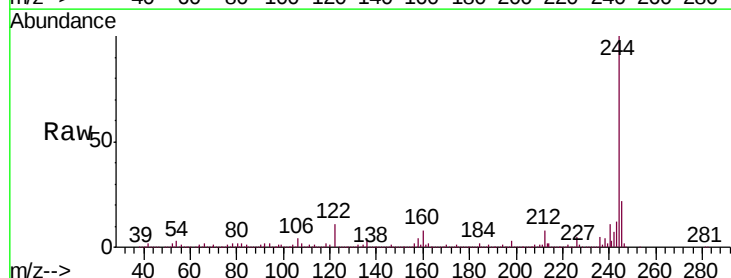
Tgt Ion:244 Resp: 1979795

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

122 11.3 11.0 16.4

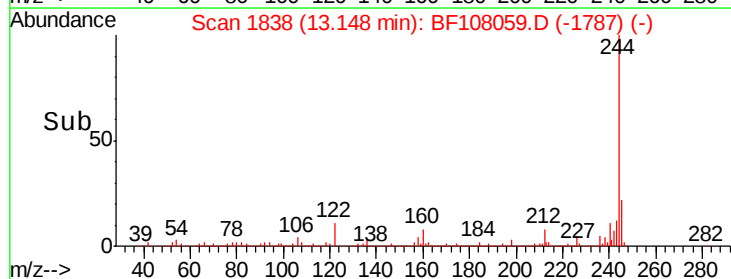
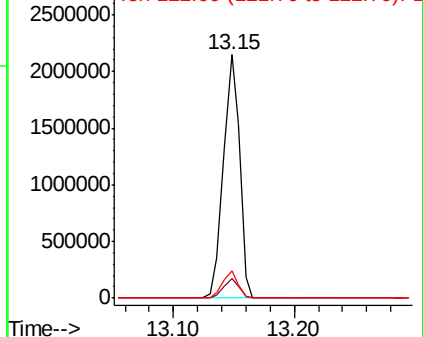


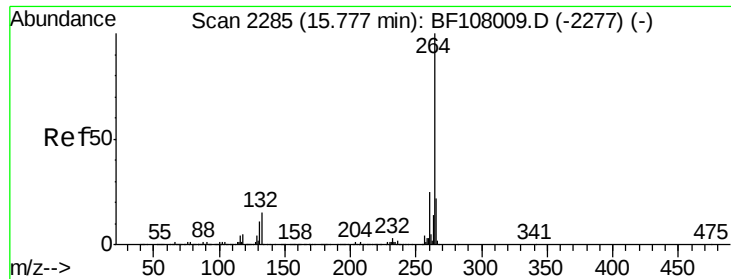
Abundance

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: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108059.D
Acq: 9 Aug 2018 18:17

Instrument :
BNA_F
ClientSampleId :
JTY-SB-03-04-05-1-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.6	17.5	26.3

