

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099136.D
 Acq On : 6 Oct 2017 8:39
 Operator : SJ/JU
 Sample : I5546-03RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAINT-CHIPS-DRUMS-COMPRES

Quant Time: Oct 06 12:56:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	1831	20.00	ng	-0.10
21) Naphthalene-d8	8.11	136	357960	20.00	ng	-0.04
38) Acenaphthene-d10	9.85	164	16569	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	567382	20.00	ng	0.04
75) Chrysene-d12	14.15	240	432299	20.00	ng	0.12
86) Perylene-d12	15.58	264	351918	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.40	99	307	2.16	ng	-0.10
23) Nitrobenzene-d5	7.37	82	630	0.11	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	4880	35.99	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	845660	852.05	ng	-0.04
78) Terphenyl-d14	12.98	244	1080399	56.84	ng	0.00

Target Compounds

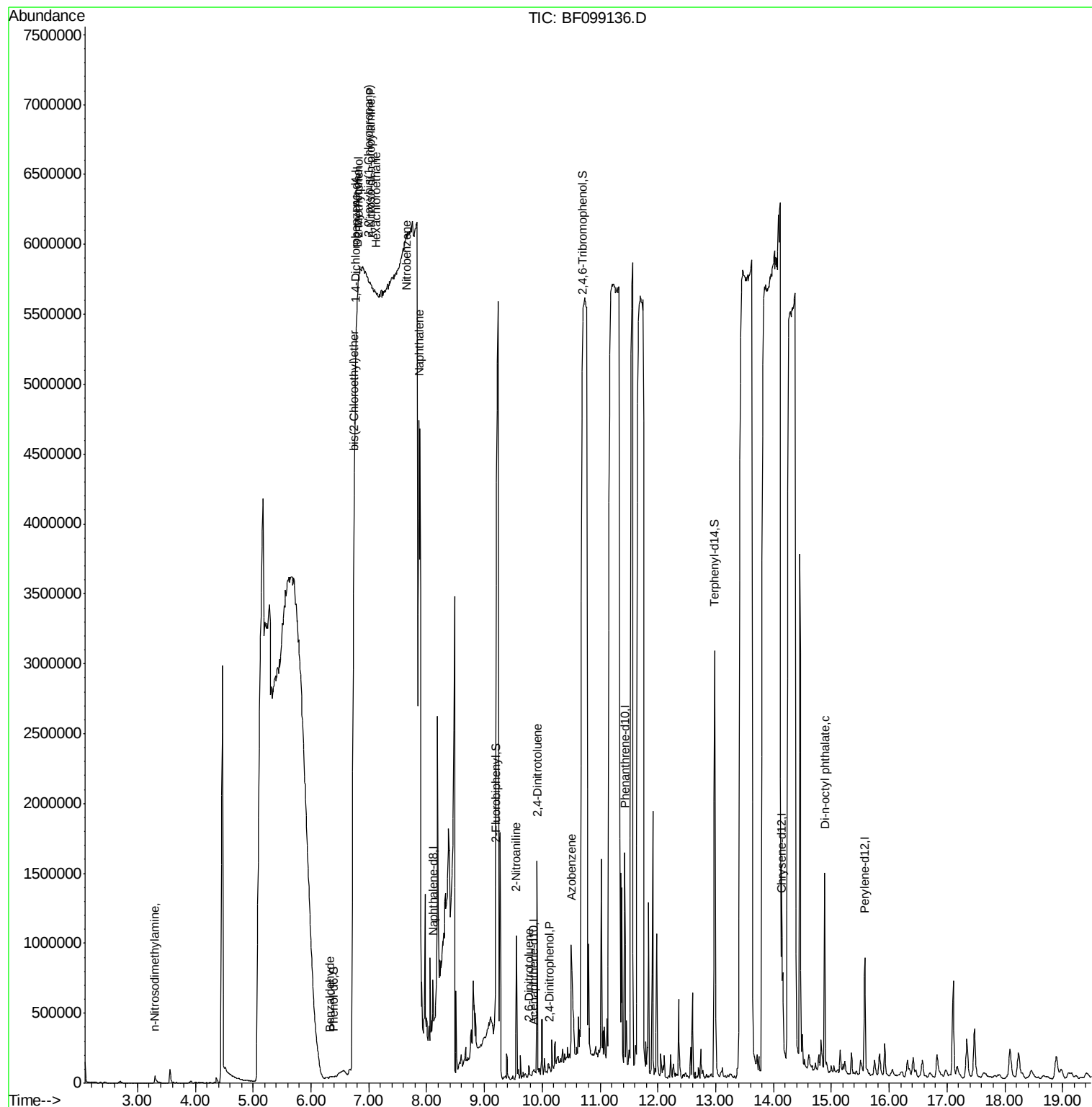
						Qvalue
4) n-Nitrosodimethylamine	3.30	42	3179	50.438	ng	# 1
9) Benzaldehyde	6.32	77	3343	40.617	ng	98
11) bis(2-Chloroethyl)ether	6.74	93	1315	10.659	ng	# 1
15) Benzyl Alcohol	6.80	79	5410156	51975.078	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	874	4.547	ng	# 1
17) 2-Methylphenol	6.82	107	4515874	42371.475	ng	# 25
18) Hexachloroethane	7.13	117	747	14.974	ng	# 2
19) n-Nitroso-di-n-propylamine	7.03	70	117982	1302.365	ng	# 1
24) Nitrobenzene	7.64	77	1112098	175.637	ng	# 45
31) Naphthalene	7.87	128	167507	9.964	ng	# 1
47) 2-Nitroaniline	9.55	65	36240	110.697	ng	# 34
50) 2,6-Dinitrotoluene	9.77	165	1263	4.639	ng	93
53) 2,4-Dinitrophenol	10.13	184	633	9.968	ng	# 38
56) 2,4-Dinitrotoluene	9.91	165	36091	102.145	ng	# 28
62) Azobenzene	10.50	77	33176	29.528	ng	# 46
84) Di-n-octyl phthalate	14.89	149	286514	8.341	ng	# 82

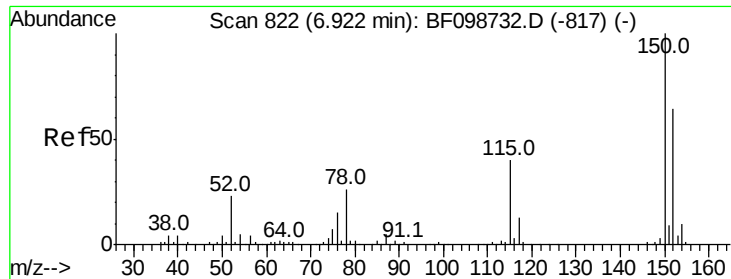
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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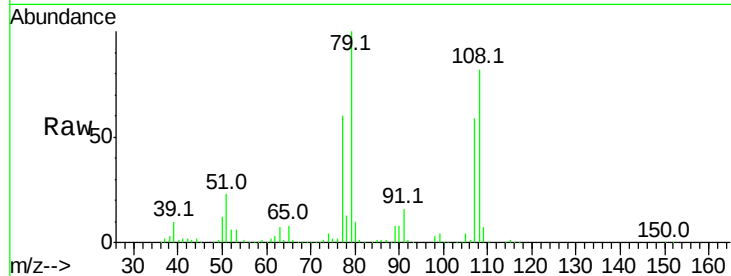


#1

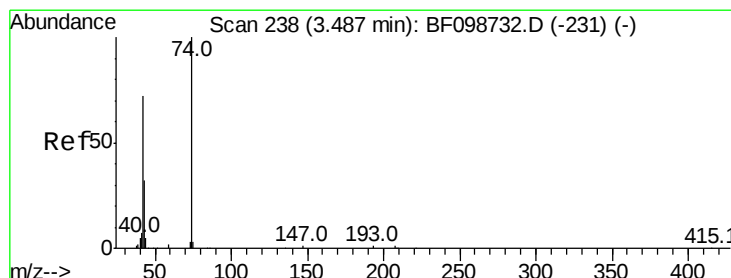
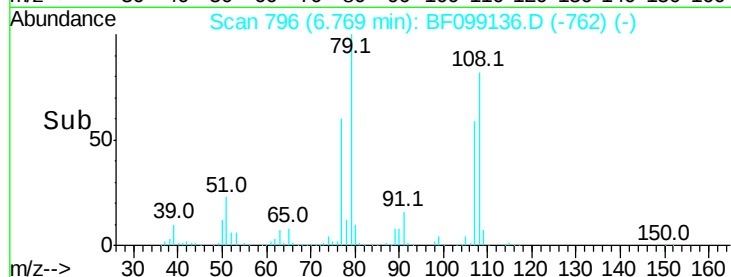
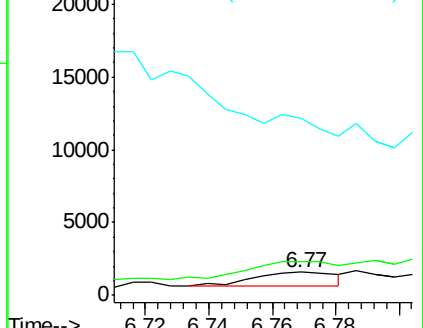
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.10 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

Instrument :
BNA_F
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

Tot Ion:152 Resp: 1831
Ion Ratio Lower Upper
152 100
150 146.4 124.6 186.8
115 761.3 50.1 75.1#



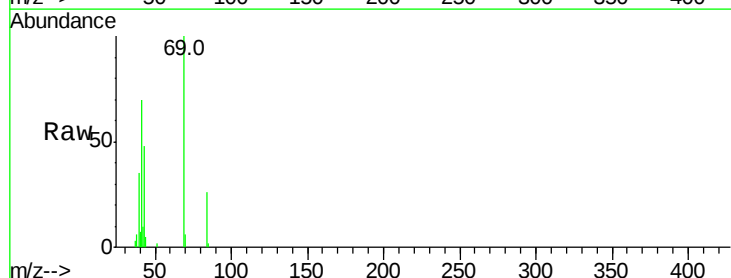
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



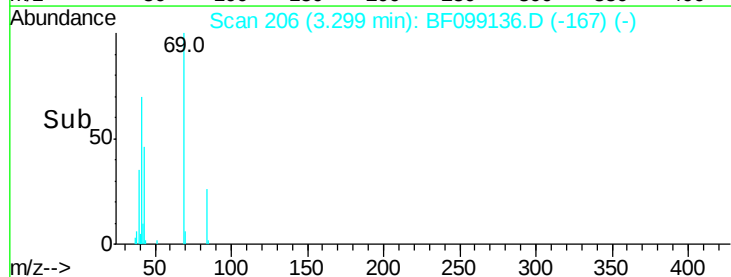
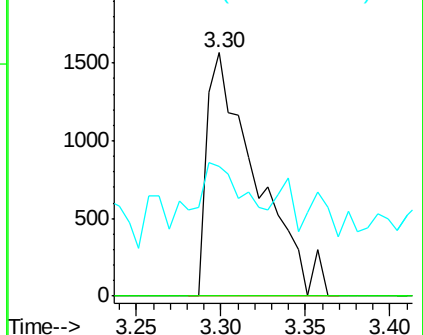
#4

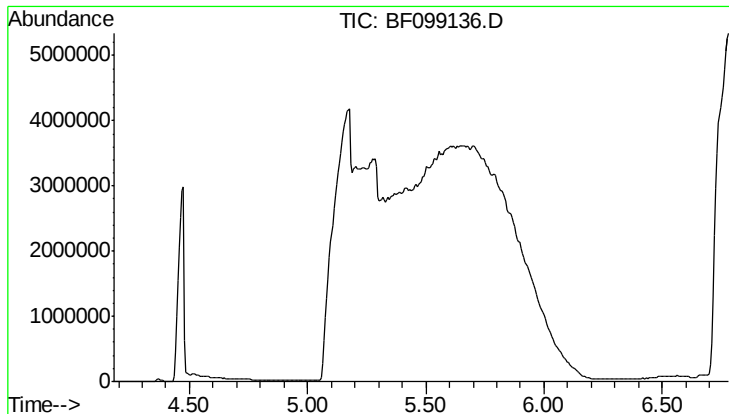
n-Nitrosodimethylamine
Concen: 50.438 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.07 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

Tgt Ion: 42 Resp: 3179
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 53.0 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

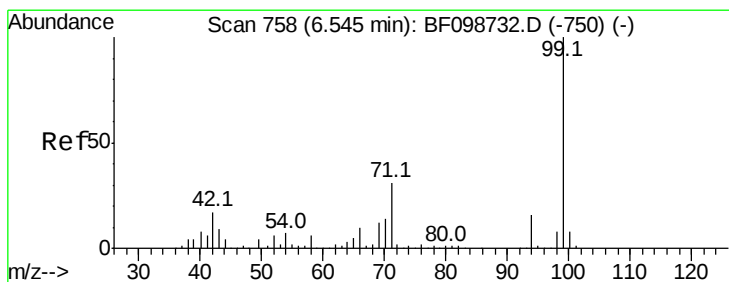
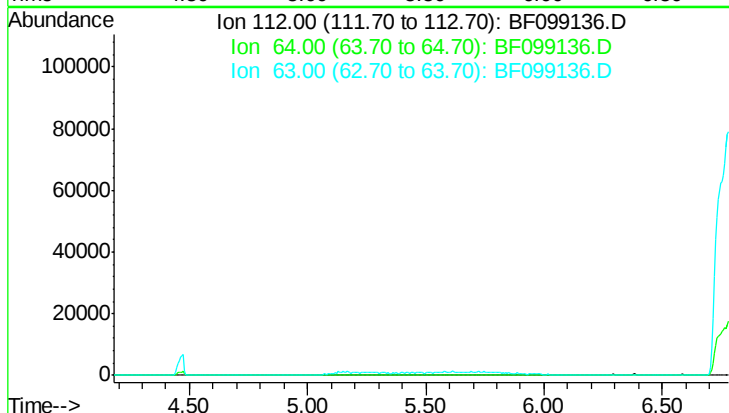




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.48 min
 Lab File: BF099136.D
 Acq: 6 Oct 2017 8:39

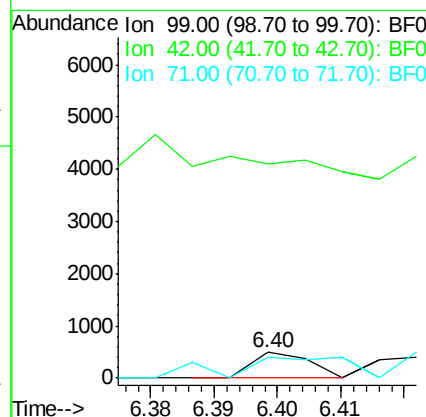
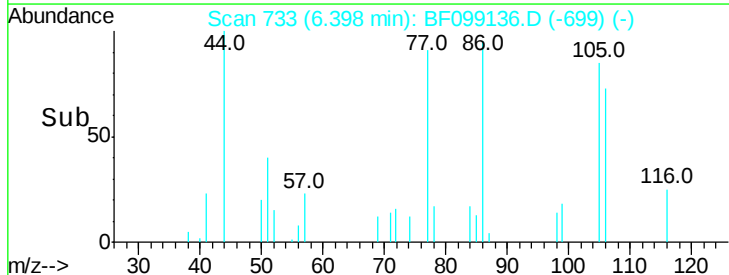
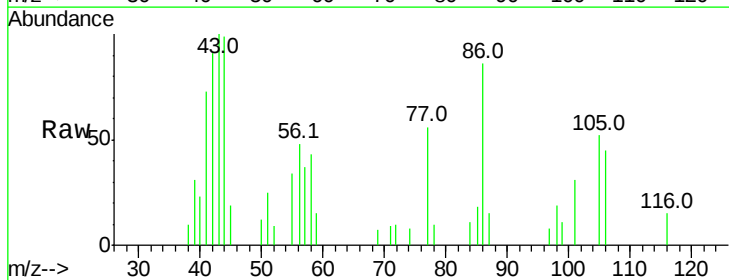
Instrument :
 BNA_F
 ClientSampleId :
 PAINT-CHIPS-DRUMS-COMP

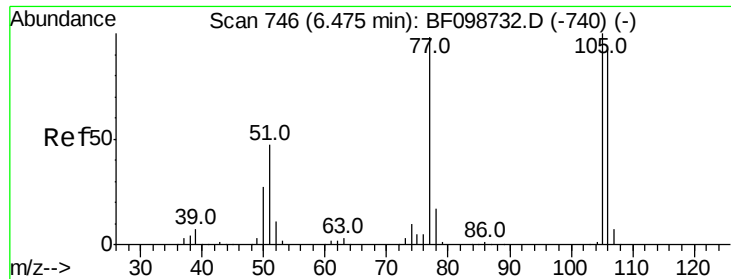
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6



#7
 Phenol-d6
 Concen: 2.164 ng
 RT: 6.40 min Scan# 733
 Delta R.T. -0.10 min
 Lab File: BF099136.D
 Acq: 6 Oct 2017 8:39

Tgt Ion: 99 Resp: 307
 Ion Ratio Lower Upper
 99 100
 42 837.2 14.5 21.7#
 71 80.0 25.4 38.0#





#9

Benzaldehyde

Concen: 40.617 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.10 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMPRE

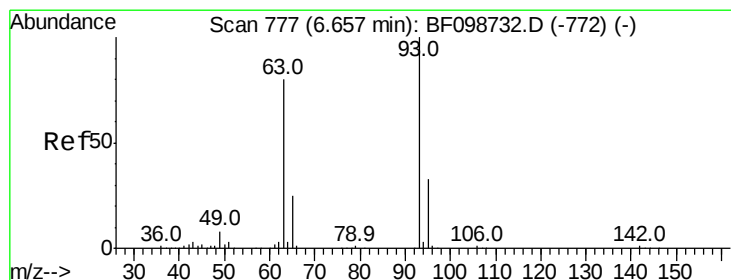
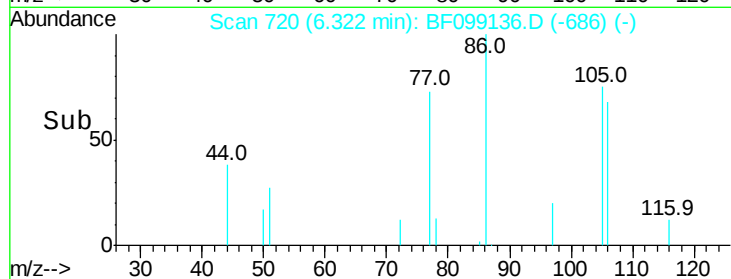
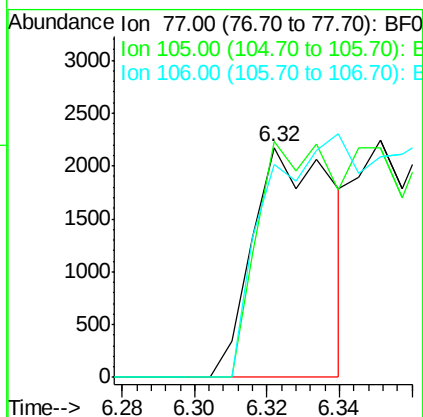
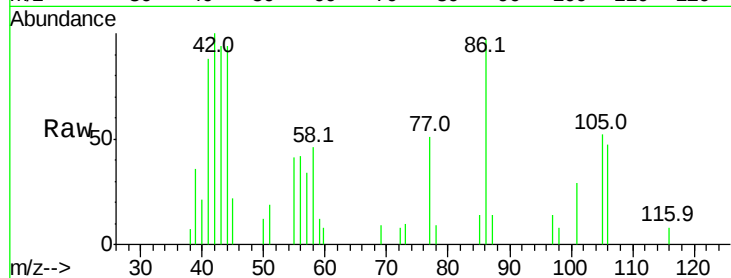
Tot Ion: 77 Resp: 3343

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

106 92.9 74.5 114.5



#11

bis(2-Chloroethyl)ether

Concen: 10.659 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.14 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

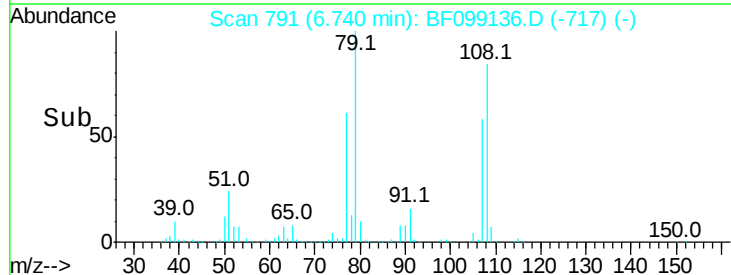
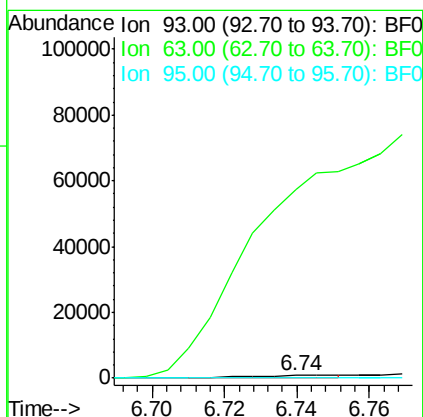
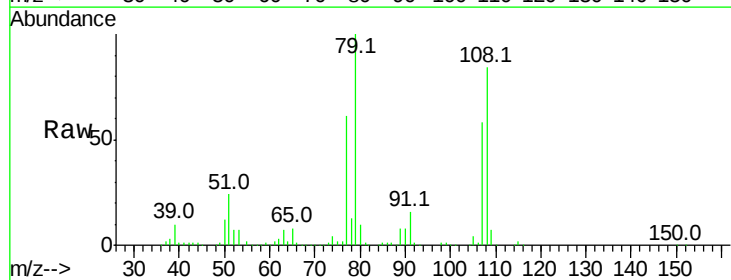
Tgt Ion: 93 Resp: 1315

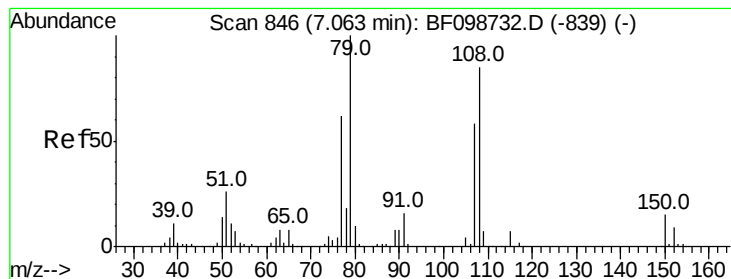
Ion Ratio Lower Upper

93 100

63 6502.8 58.6 98.6#

95 0.0 11.8 51.8#





#15

Benzyl Alcohol

Concen: 51975.078 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.21 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

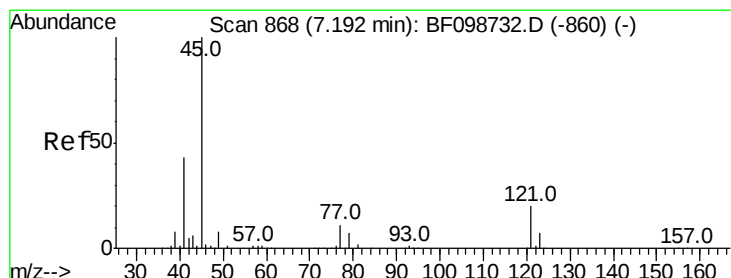
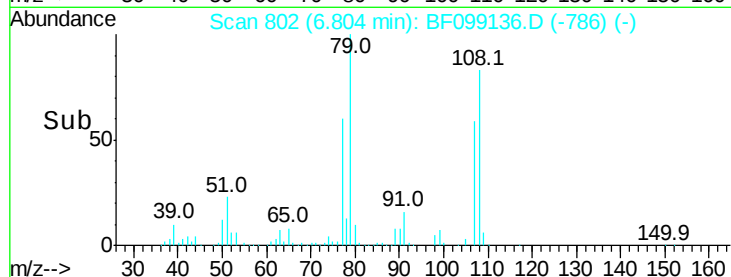
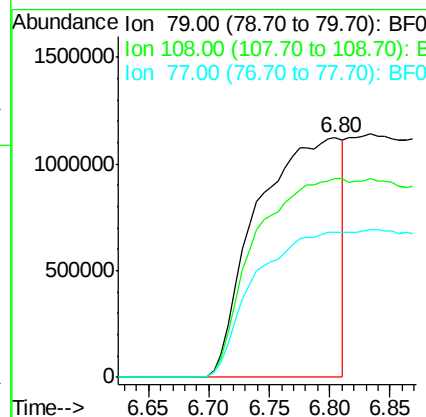
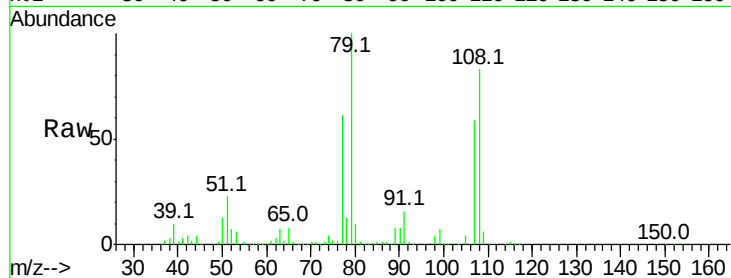
Tot Ion: 79 Resp: 5410156

Ion Ratio Lower Upper

79 100

108 83.0 65.1 97.7

77 60.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.547 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.14 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

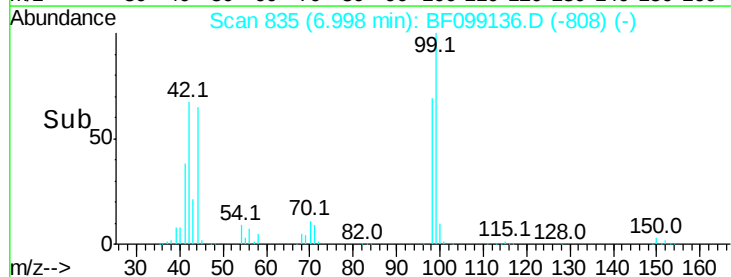
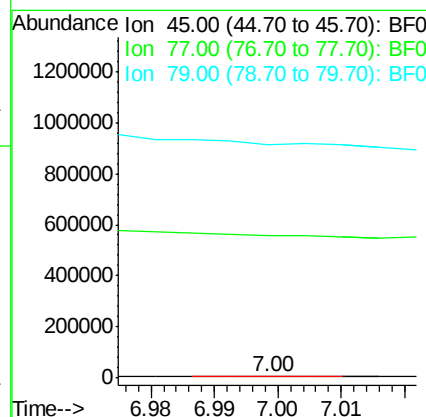
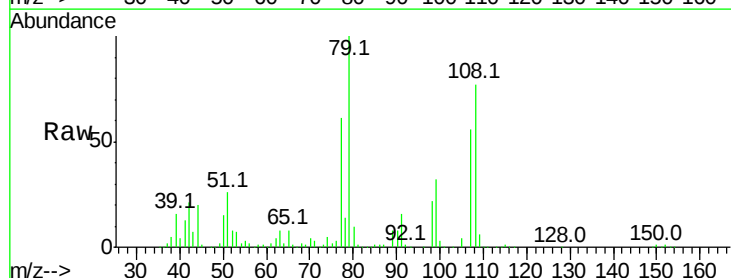
Tgt Ion: 45 Resp: 874

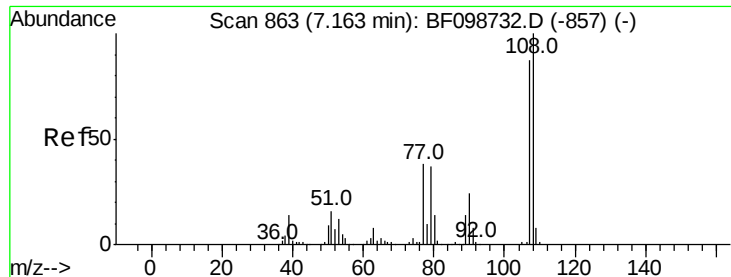
Ion Ratio Lower Upper

45 100

77 8774.3 0.0 32.9#

79 14383.9 0.0 29.6#





#17

2-Methylphenol

Concen: 42371.475 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.30 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMPRE

Tot Ion:107 Resp: 4515874

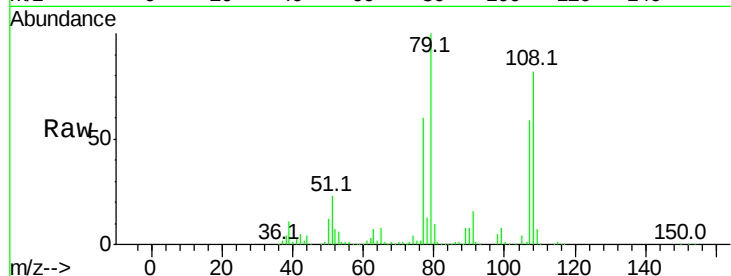
Ion Ratio Lower Upper

107 100

108 138.4 91.7 137.5#

77 102.2 33.8 50.8#

79 169.6 33.8 50.8#

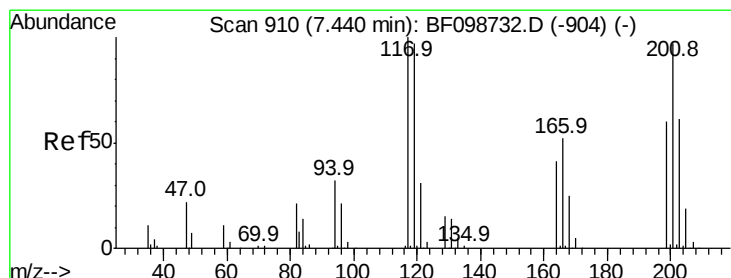
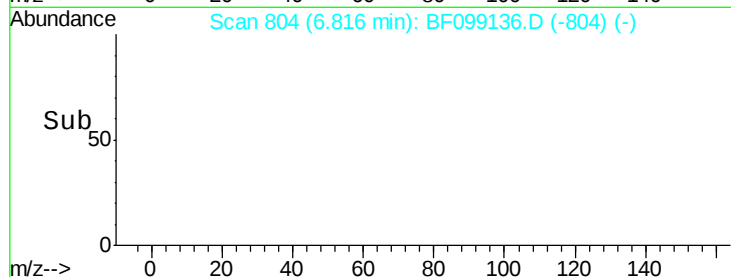
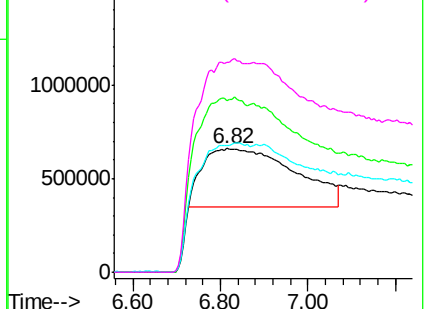


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 14.974 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.25 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

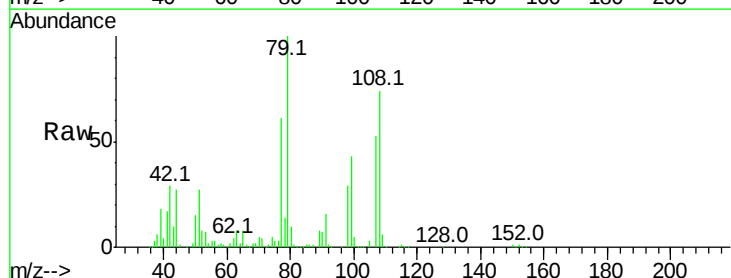
Tgt Ion:117 Resp: 747

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

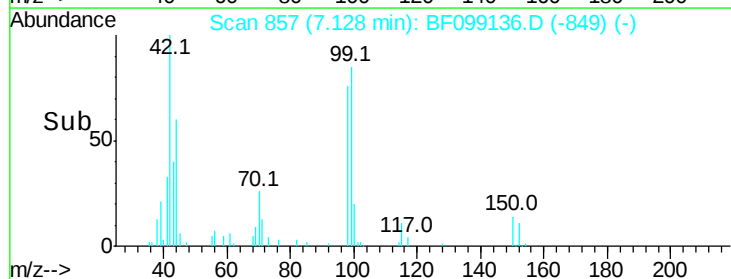
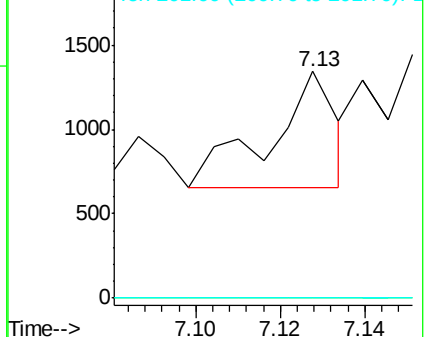
201 0.0 75.7 113.5#

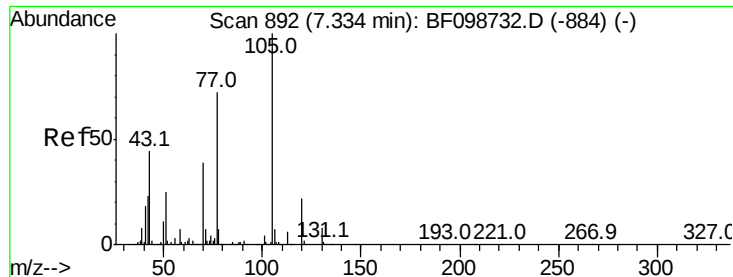


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

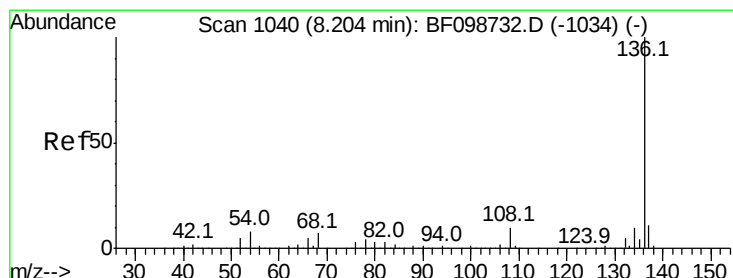
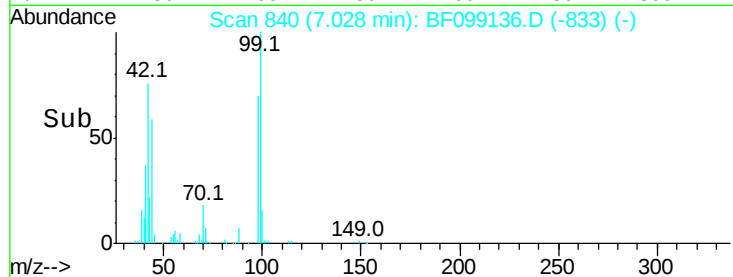
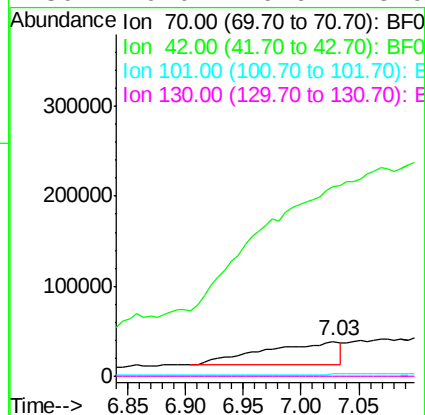
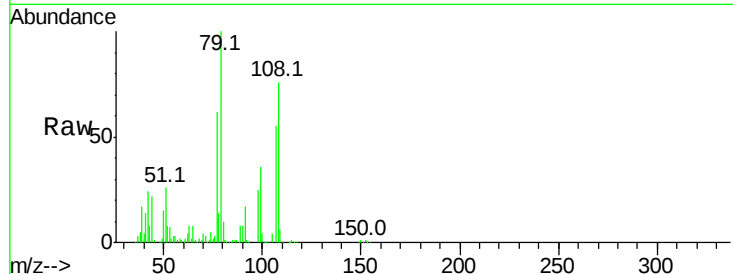




#19
n-Nitroso-di-n-propylamine
Concen: 1302.365 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.26 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

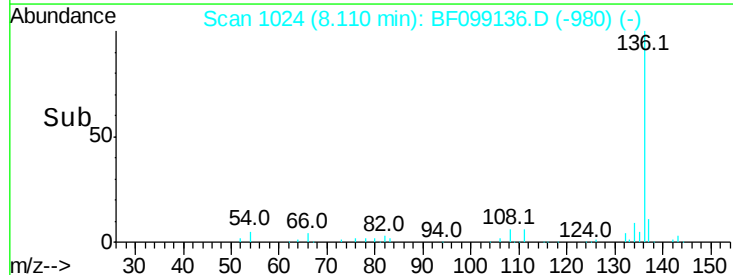
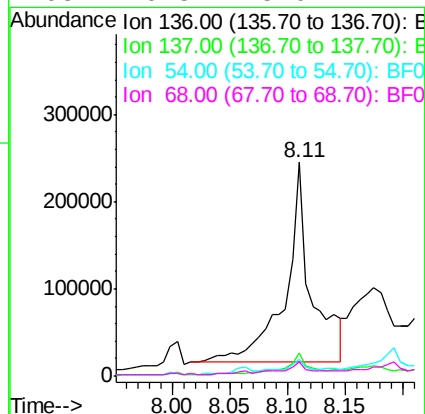
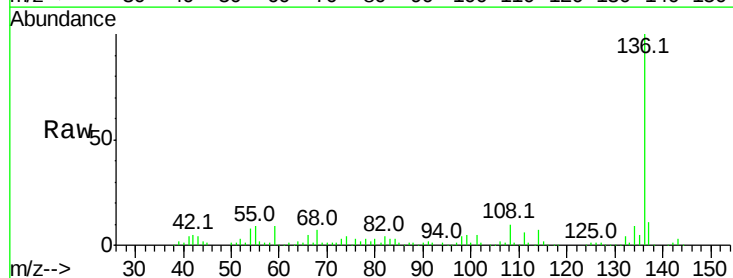
Instrument :
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PAINT-CHIPS-DRUMS-COMP

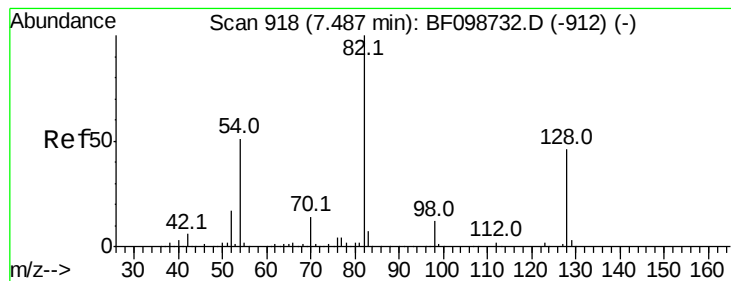
Tot Ion: 70 Resp: 117982
Ion Ratio Lower Upper
70 100
42 541.5 47.5 71.3#
101 6.4 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

Tgt Ion:136 Resp: 357960
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.6 9.8
68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.113 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.06 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

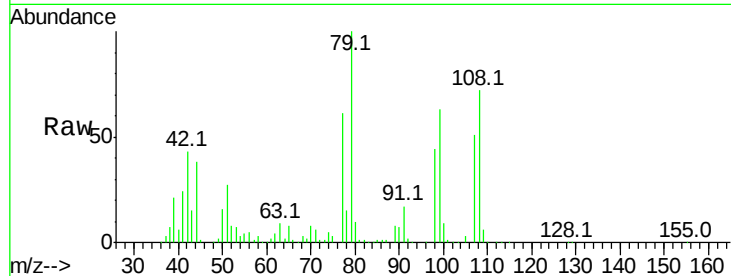
Tot Ion: 82 Resp: 630

Ion Ratio Lower Upper

82 100

128 11.0 36.1 54.1#

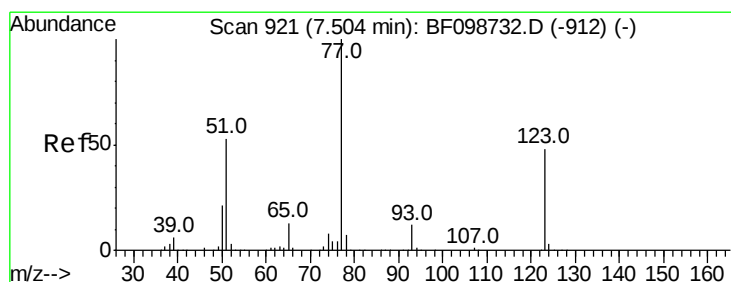
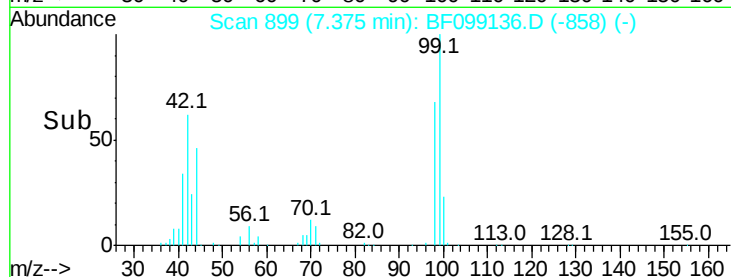
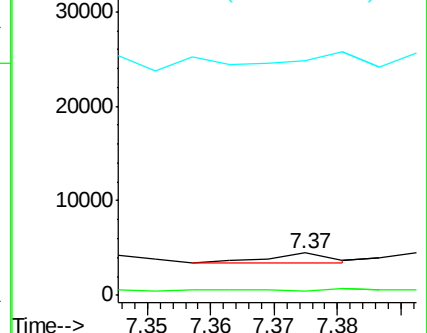
54 550.8 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 175.637 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.18 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

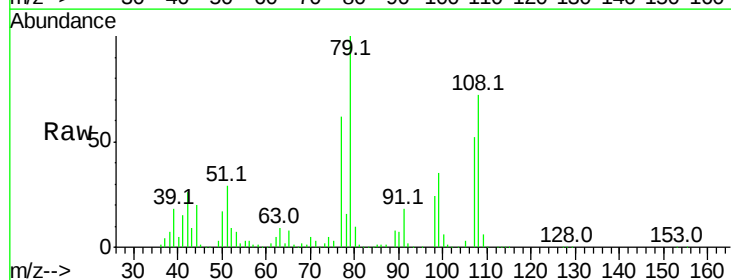
Tgt Ion: 77 Resp: 1112098

Ion Ratio Lower Upper

77 100

123 0.0 37.9 56.9#

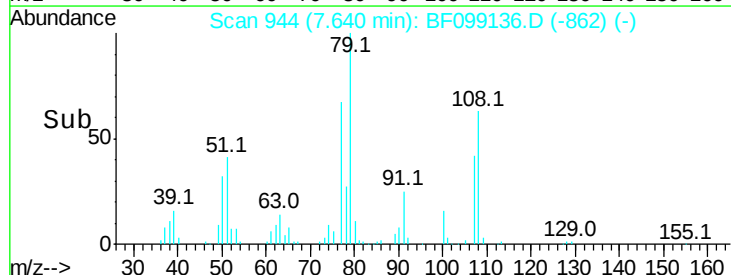
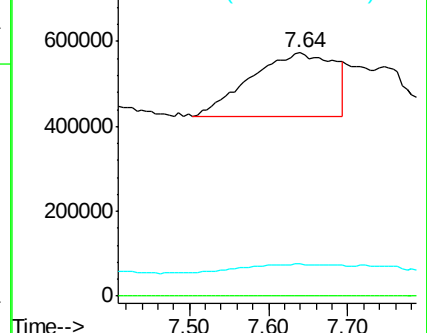
65 13.1 11.0 16.4

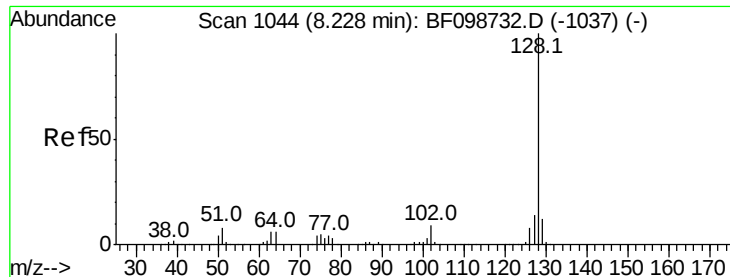


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

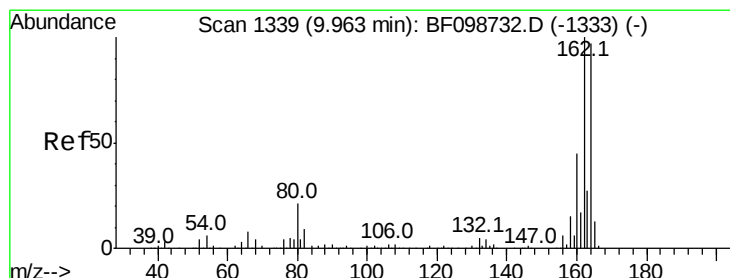
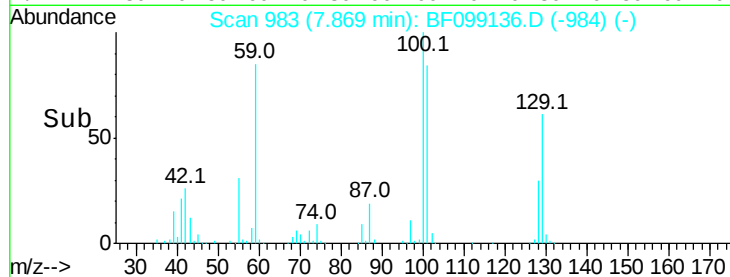
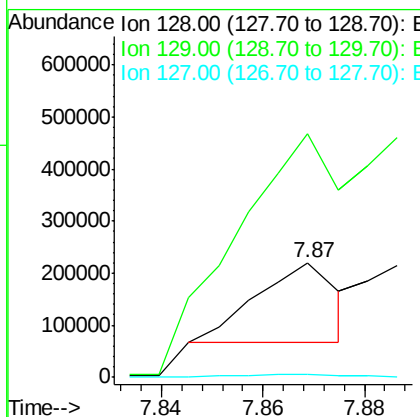
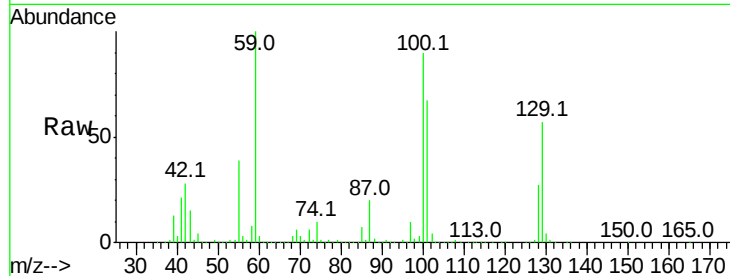




#31
Naphthalene
Concen: 9.964 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.31 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

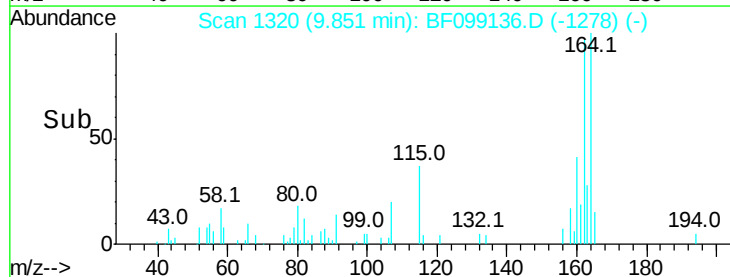
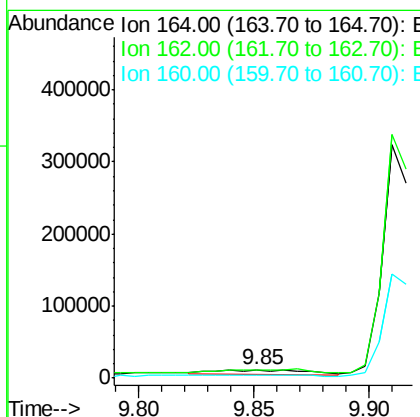
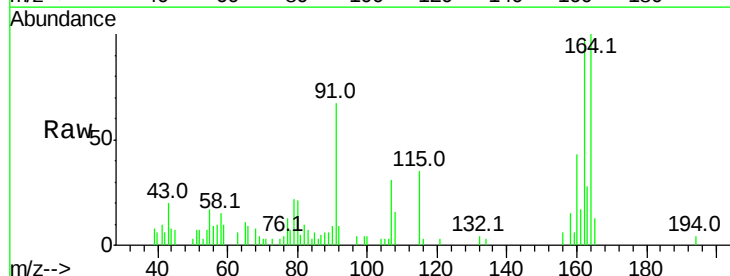
Instrument :
BNA_F
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

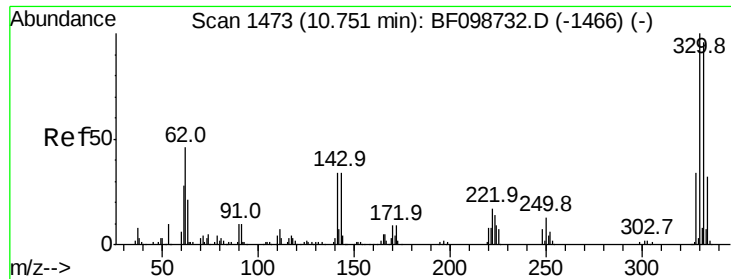
Tot Ion:128 Resp: 167507
Ion Ratio Lower Upper
128 100
129 212.8 8.8 13.2#
127 2.8 10.9 16.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

Tgt Ion:164 Resp: 16569
Ion Ratio Lower Upper
164 100
162 97.0 86.1 129.1
160 42.8 38.3 57.5

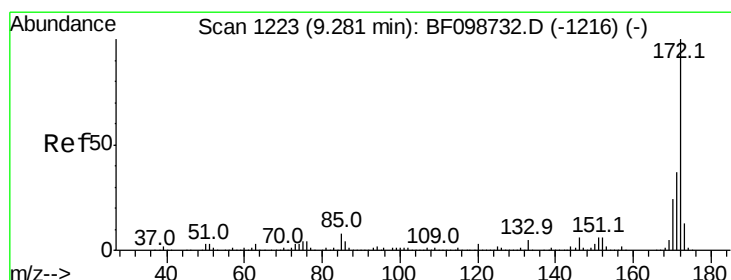
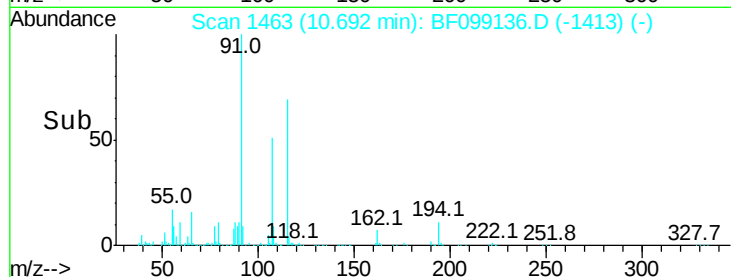
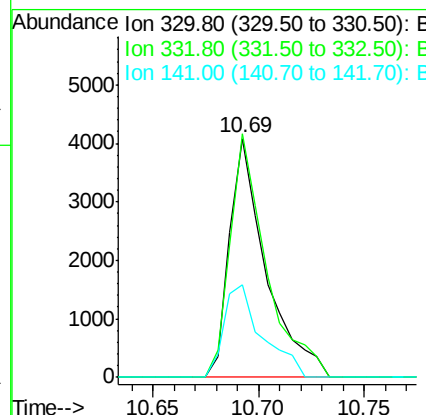
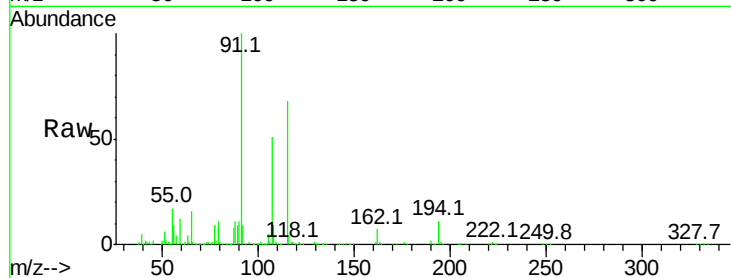




#41
 2,4,6-Tribromophenol
 Concen: 35.994 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099136.D
 Acq: 6 Oct 2017 8:39

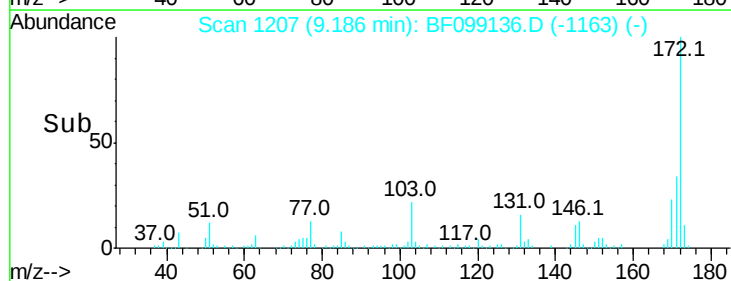
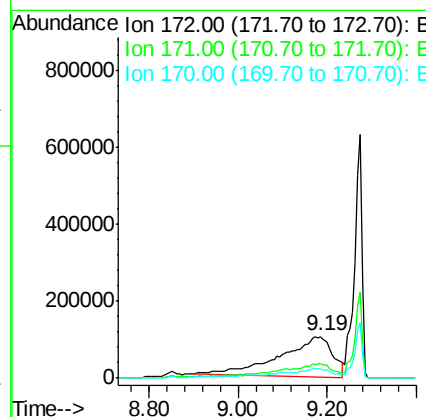
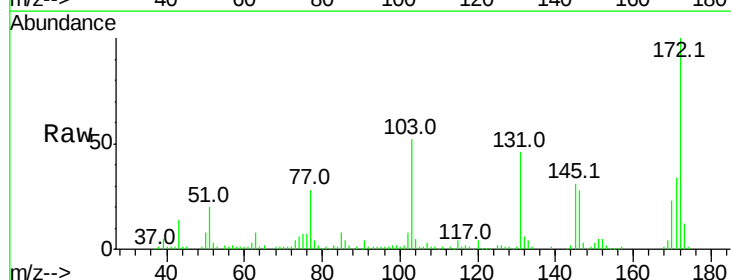
Instrument :
 BNA_F
 ClientSampleId :
 PAINT-CHIPS-DRUMS-COMPRE

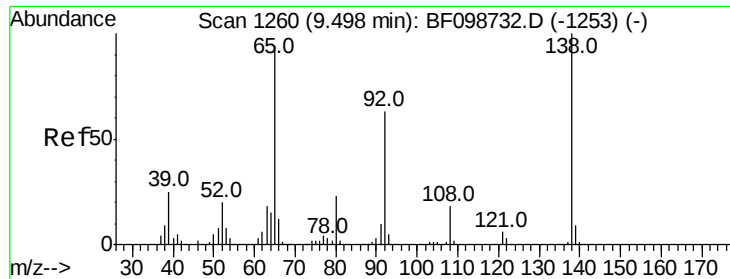
Tot Ion:330 Resp: 4880
 Ion Ratio Lower Upper
 330 100
 332 101.4 77.0 115.6
 141 40.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 852.048 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF099136.D
 Acq: 6 Oct 2017 8:39

Tgt Ion:172 Resp: 845660
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 22.7 19.6 29.4

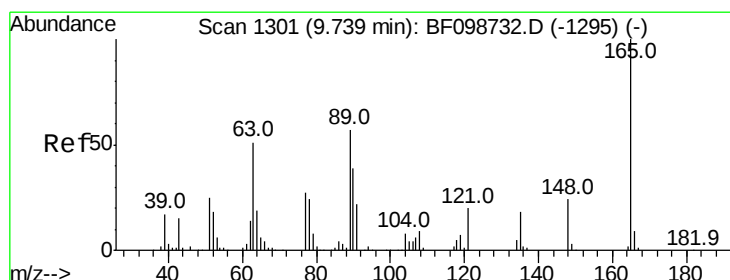
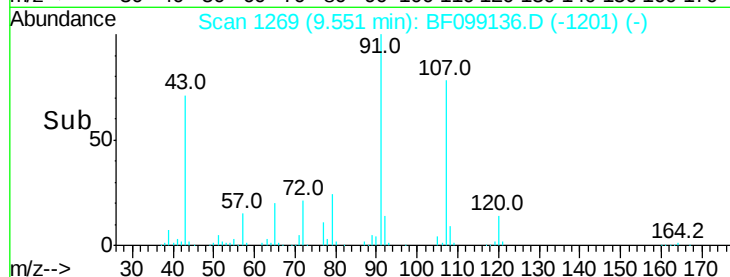
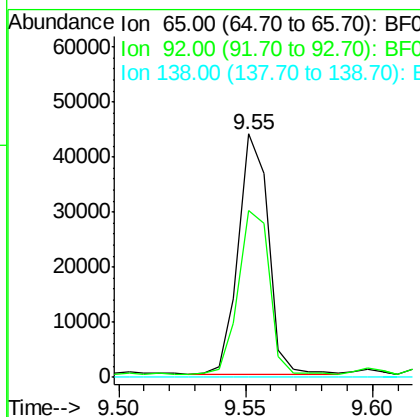
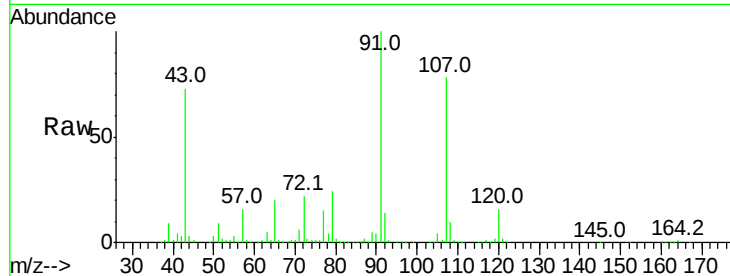




#47
2-Nitroaniline
Concen: 110.697 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.10 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

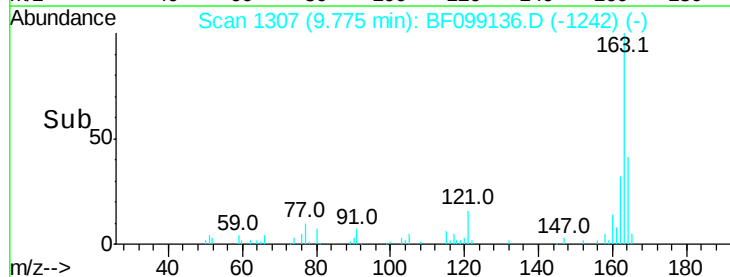
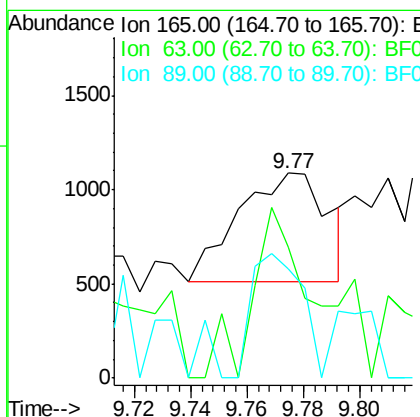
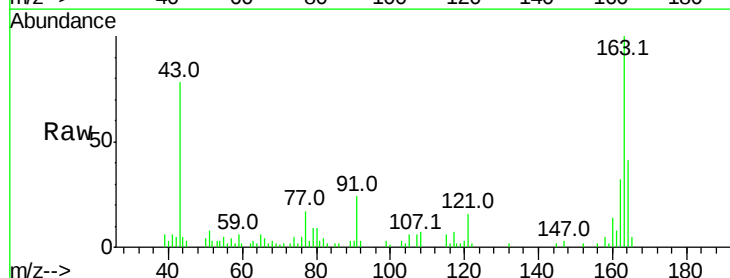
Instrument :
BNA_F
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

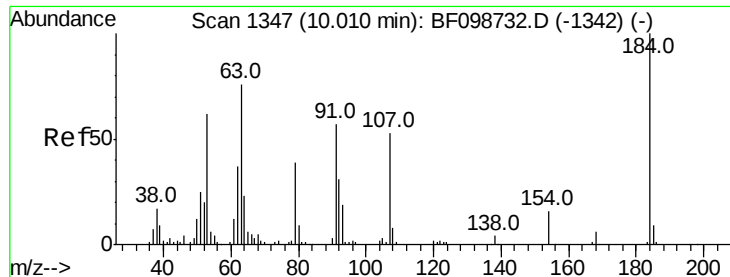
Tot Ion: 65 Resp: 36240
Ion Ratio Lower Upper
65 100
92 68.6 55.8 83.6
138 0.0 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 4.639 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.08 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

Tgt Ion:165 Resp: 1263
Ion Ratio Lower Upper
165 100
63 63.9 44.7 67.1
89 53.5 44.0 66.0

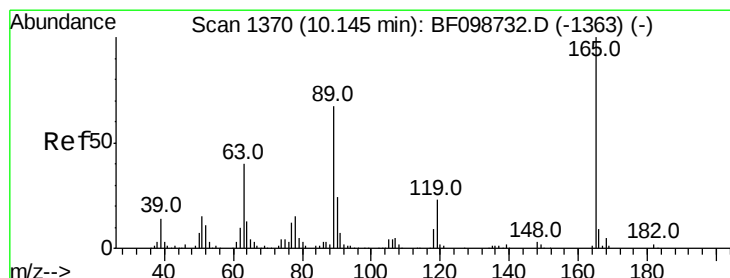
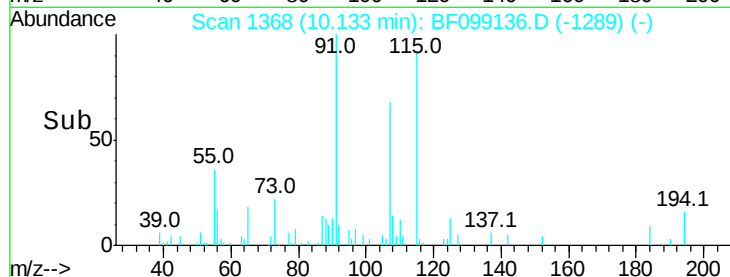
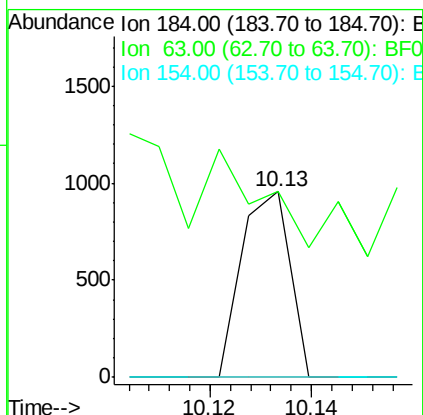
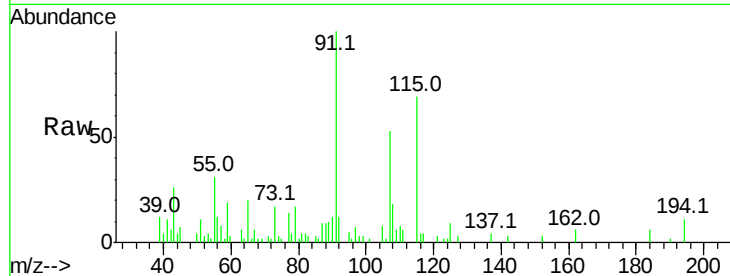




#53
2,4-Dinitrophenol
Concen: 9.968 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.16 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

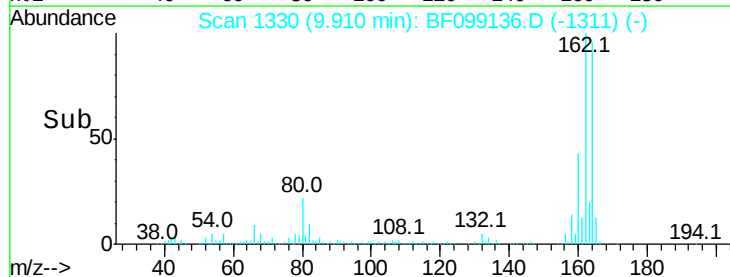
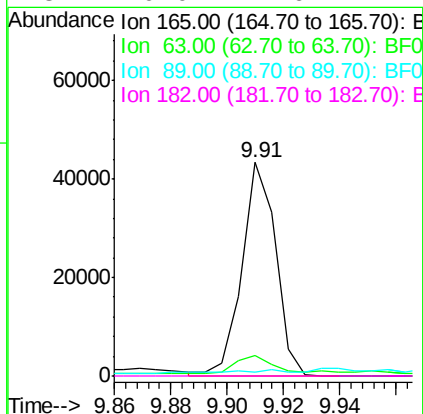
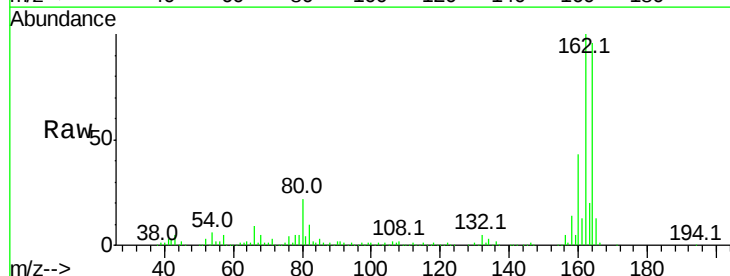
Instrument :
BNA_F
ClientSampleId :
PAINT-CHIPS-DRUMS-COMP

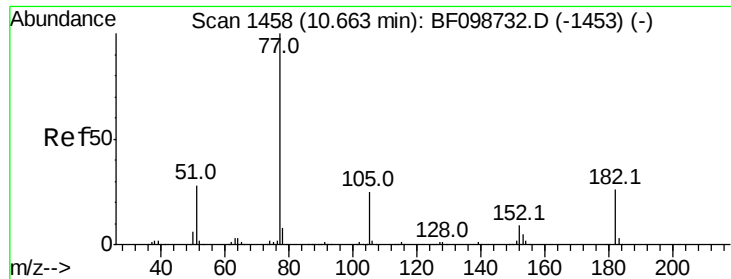
Tot Ion:184 Resp: 633
Ion Ratio Lower Upper
184 100
63 100.4 54.2 81.2#
154 0.0 53.5 80.3#



#56
2,4-Dinitrotoluene
Concen: 102.145 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF099136.D
Acq: 6 Oct 2017 8:39

Tgt Ion:165 Resp: 36091
Ion Ratio Lower Upper
165 100
63 9.5 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#





#62

Azobenzene

Concen: 29.528 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.10 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMPRE

Tot Ion: 77 Resp: 33176

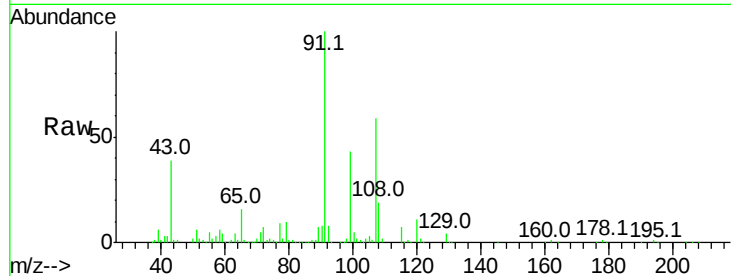
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 38.7 3.0 43.0

51 71.0 9.9 49.9#

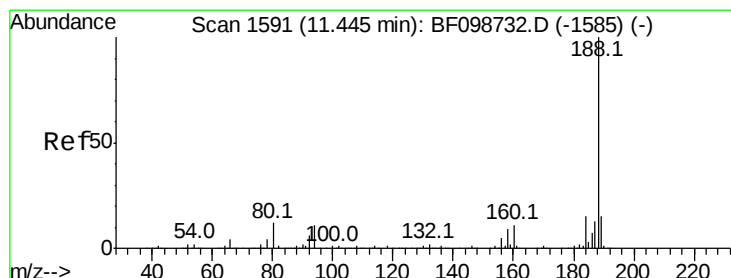
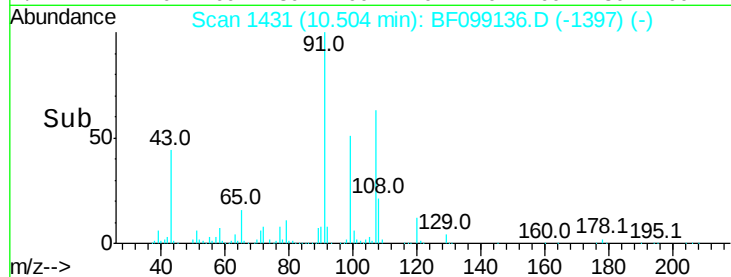
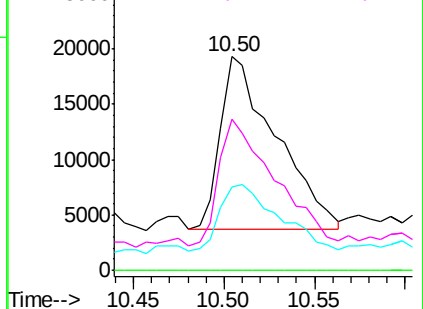


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.04 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

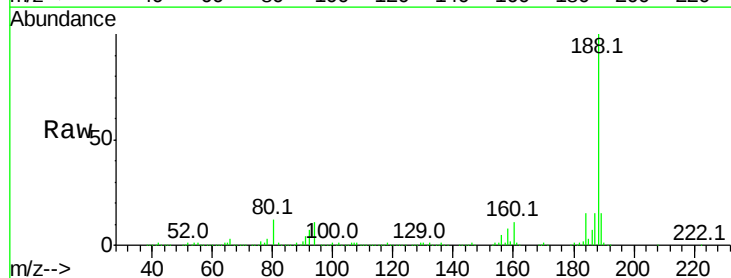
Tgt Ion: 188 Resp: 567382

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

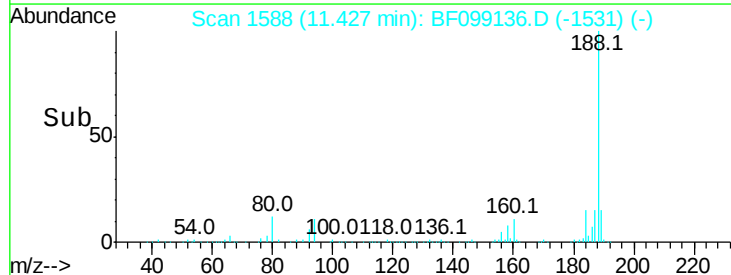
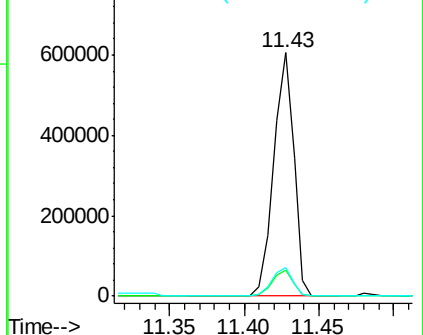
80 11.9 9.2 13.8

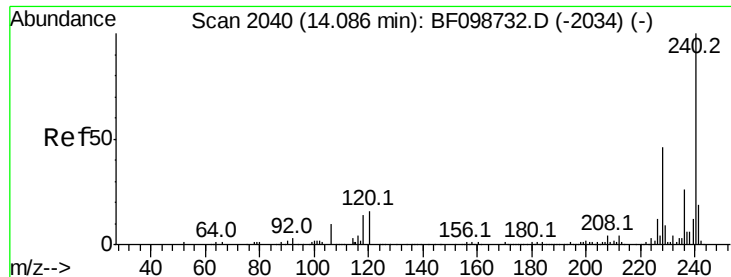


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.12 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

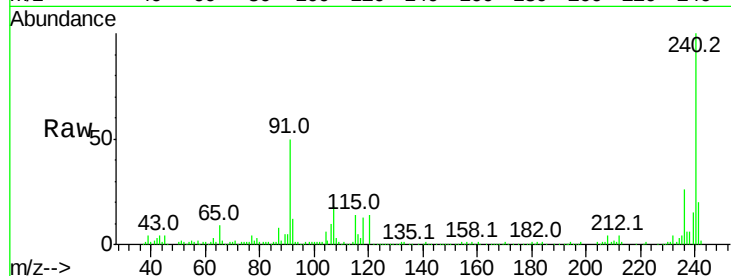
Tot Ion:240 Resp: 432299

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

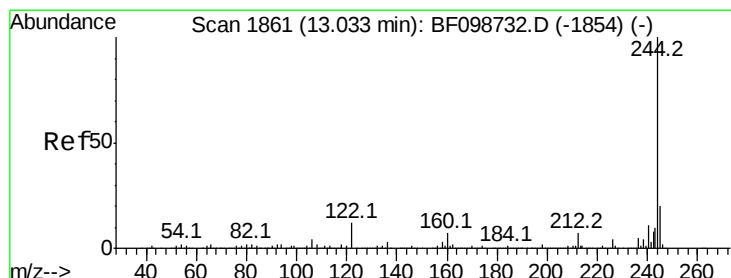
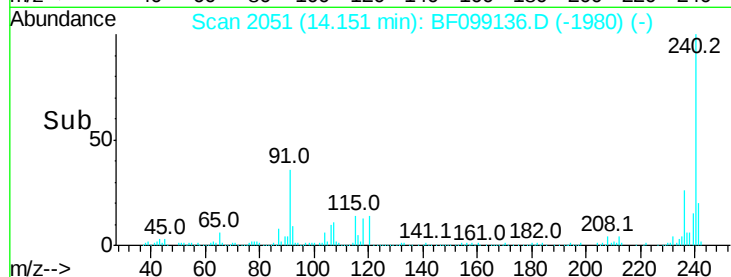
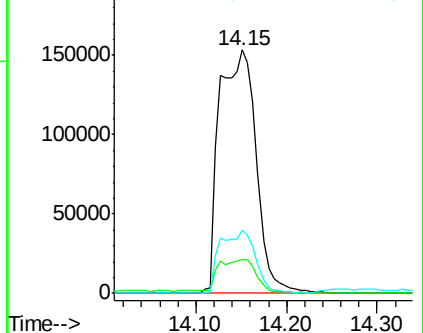
236 26.2 20.7 31.1



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: 56.837 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

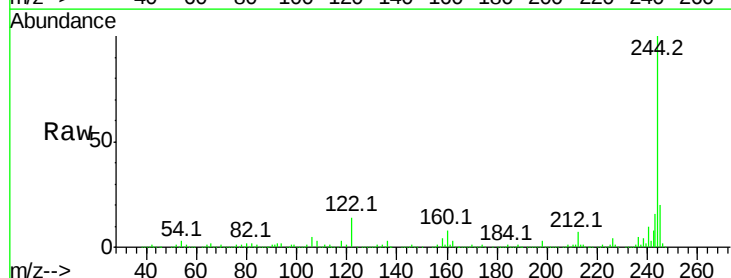
Tgt Ion:244 Resp: 1080399

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

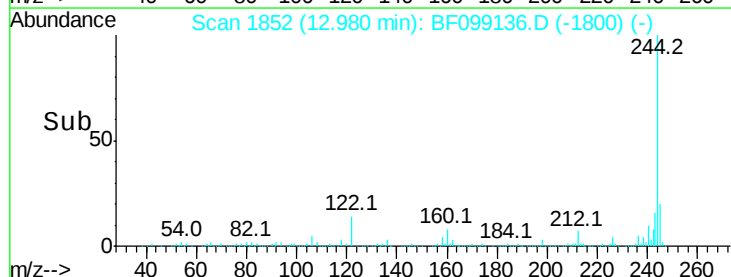
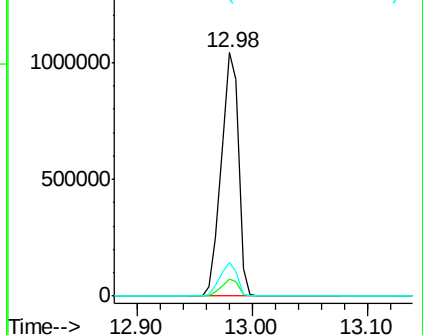
122 14.0 11.0 16.4

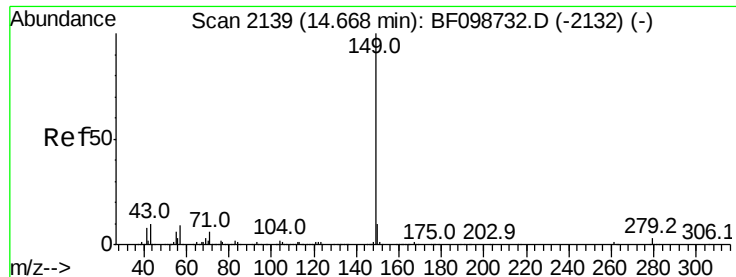


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 8.341 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.28 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PAINT-CHIPS-DRUMS-COMP

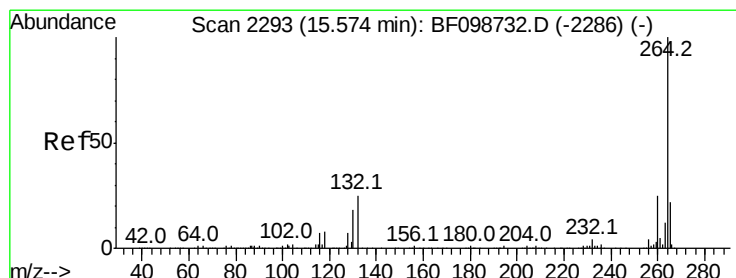
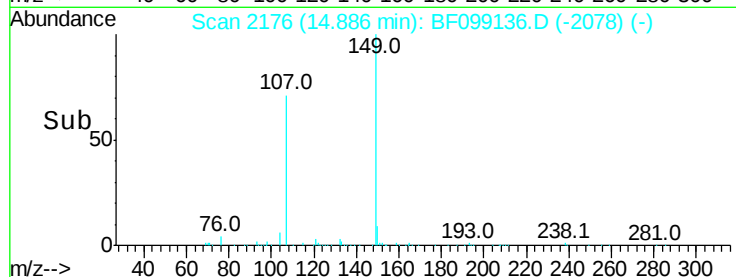
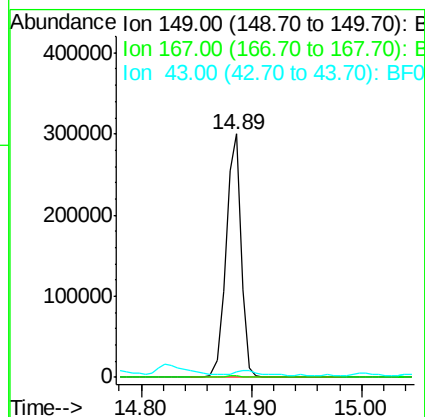
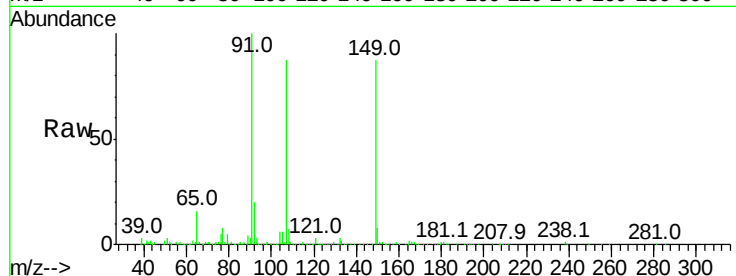
Tot Ion:149 Resp: 286514

Ion Ratio Lower Upper

149 100

167 0.7 1.2 1.8#

43 3.0 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.08 min

Lab File: BF099136.D

Acq: 6 Oct 2017 8:39

Tgt Ion:264 Resp: 351918

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 17.5 26.3

