

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111765.D
 Acq On : 27 Dec 2018 16:30
 Operator : JU/SJ
 Sample : J6426-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3036-01

Quant Time: Dec 28 00:14:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	118380	20.00	ng	0.02
21) Naphthalene-d8	8.20	136	372000	20.00	ng	0.02
39) Acenaphthene-d10	9.96	164	180116	20.00	ng	0.02
64) Phenanthrene-d10	11.45	188	296559	20.00	ng	0.04
76) Chrysene-d12	14.10	240	208895	20.00	ng	0.05
87) Perylene-d12	15.62	264	178014	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	244101	35.15	ng	0.09
7) Phenol-d6	6.57	99	553169	62.59	ng	0.05
23) Nitrobenzene-d5	7.47	82	653901	102.32	ng	0.02
42) 2,4,6-Tribromophenol	10.75	330	236639	111.19	ng	0.03
45) 2-Fluorobiphenyl	9.27	172	1034616	83.73	ng	0.02
79) Terphenyl-d14	13.04	244	941817	85.50	ng	0.04

Target Compounds

						Qvalue
3) Pyridine	3.59	79	18697	2.196	ng	90
9) Benzaldehyde	6.48	77	96997	15.957	ng	# 1
10) Phenol	6.58	94	147413	14.782	ng	99
14) 1,2-Dichlorobenzene	7.09	146	36621	4.341	ng	# 73
15) Benzyl Alcohol	7.07	79	29212	4.162	ng	# 38
17) 2-Methylphenol	7.17	107	57998	9.415	ng	# 85
18) Hexachloroethane	7.45	117	142129	46.646	ng	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	38840	6.617	ng	# 58
20) 3+4-Methylphenols	7.32	107	115853	14.884	ng	# 64
22) Acetophenone	7.31	105	357094	37.891	ng	# 43
24) Nitrobenzene	7.49	77	24081	3.595	ng	# 30
25) Isophorone	7.73	82	52122	4.594	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	45794	8.551	ng	# 60
30) 1,2,4-Trichlorobenzene	8.15	180	500182	77.927	ng	98
31) Naphthalene	8.23	128	1607643	89.943	ng	98
32) Benzoic acid	7.99	122	29124	8.225	ng	# 40
35) Caprolactam	8.63	113	91923	47.097	ng	# 44
37) 2-Methylnaphthalene	8.92	142	1443636	124.141	ng	96
38) 1-Methylnaphthalene	8.92	142	1443636	129.259	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	39318	6.643	ng	# 92
46) 1,1'-Biphenyl	9.37	154	236271	15.540	ng	92
47) 2-Chloronaphthalene	9.66	162	25531	2.119	ng	94
48) 2-Nitroaniline	9.47	65	13591	4.337	ng	# 38
49) Acenaphthylene	9.82	152	38329	2.179	ng	# 1
50) Dimethylphthalate	9.66	163	108924	8.270	ng	# 93
51) 2,6-Dinitrotoluene	9.49	165	5867	2.234	ng	89
52) Acenaphthene	9.99	154	46329	4.271	ng	# 71
53) 3-Nitroaniline	9.91	138	8520	3.042	ng	# 34
54) 2,4-Dinitrophenol	10.00	184	1573	9.003	ng	# 1
55) Dibenzofuran	10.16	168	87582	5.344	ng	# 1
56) 4-Nitrophenol	10.06	139	79922	37.389	ng	# 51
57) 2,4-Dinitrotoluene	10.13	165	9306	2.948	ng	# 64
58) Fluorene	10.50	166	129496	10.965	ng	# 86
62) 4-Nitroaniline	10.42	138	13574	4.986	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111765.D
 Acq On : 27 Dec 2018 16:30
 Operator : JU/SJ
 Sample : J6426-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3036-01

Quant Time: Dec 28 00:14:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

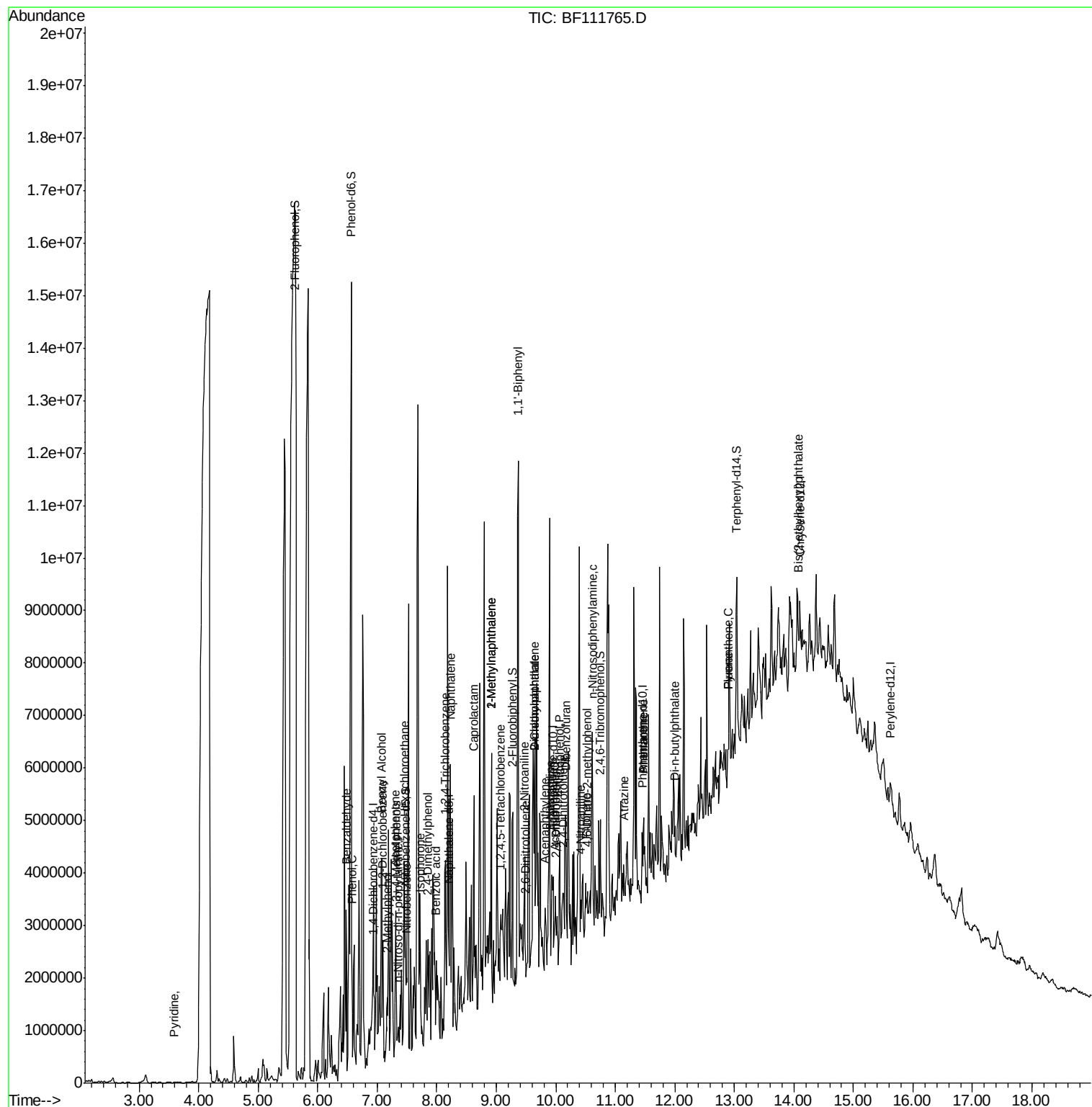
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 4,6-Dinitro-2-methylphenol	10.53	198	1242	7.565	ng	# 1
66) n-Nitrosodiphenylamine	10.62	169	219689	22.068	ng	# 46
69) Atrazine	11.15	200	11970	3.461	ng	# 66
71) Phenanthrene	11.47	178	531379	33.786	ng	96
72) Anthracene	11.47	178	530759	33.621	ng	97
74) Di-n-butylphthalate	12.00	149	36097	2.101	ng	# 50
75) Fluoranthene	12.90	202	88761	5.573	ng	84
78) Pyrene	12.90	202	90341	6.124	ng	# 87
84) Bis(2-ethylhexyl)phthalate	14.07	149	43078	5.687	ng	# 66

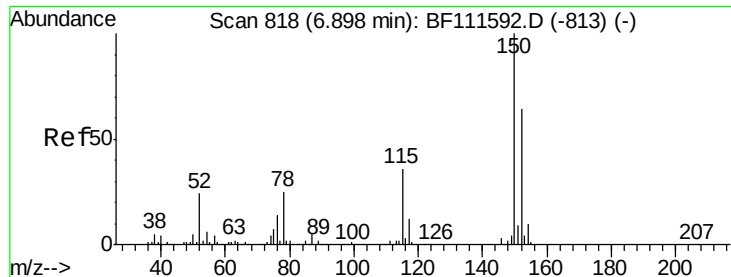
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111765.D
Acq On : 27 Dec 2018 16:30
Operator : JU/SJ
Sample : J6426-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

Quant Time: Dec 28 00:14:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



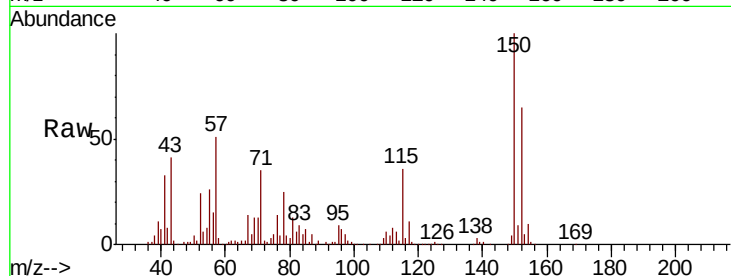


#1

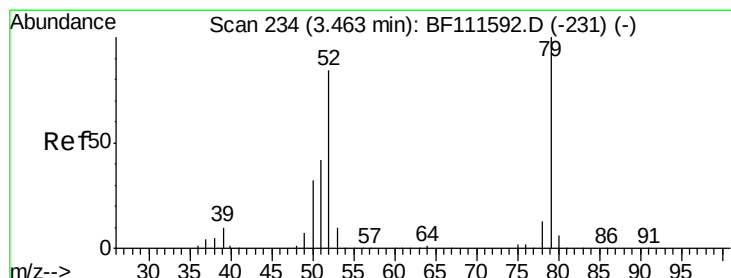
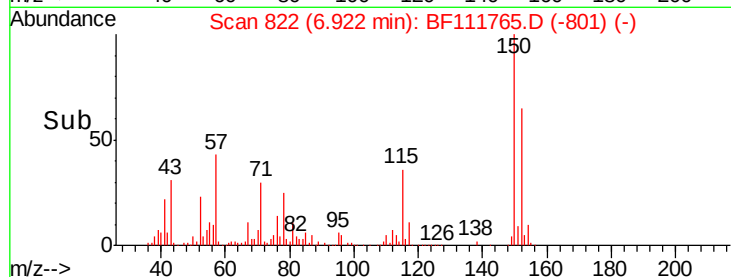
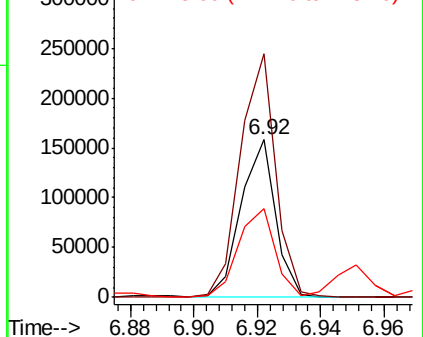
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.02 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

Tgt Ion:152 Resp: 118380
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 56.2 50.7 76.1



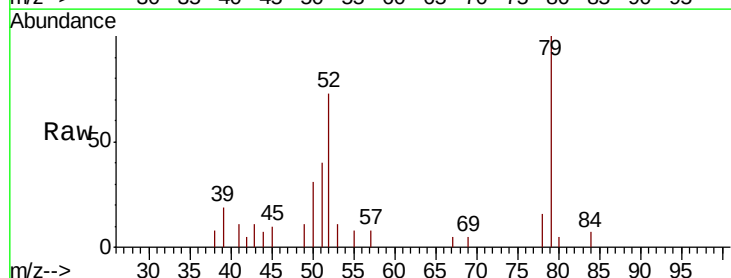
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



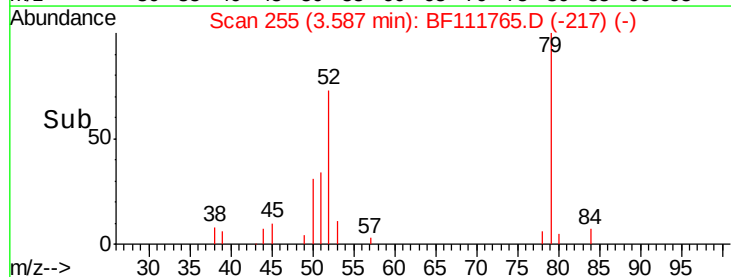
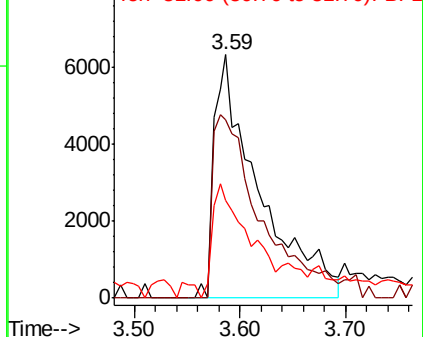
#3

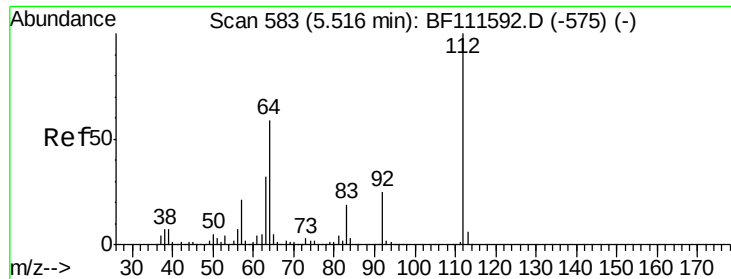
Pyridine
Concen: 2.196 ng
RT: 3.59 min Scan# 255
Delta R.T. 0.12 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Tgt Ion: 79 Resp: 18697
Ion Ratio Lower Upper
79 100
52 73.2 68.3 102.5
51 39.9 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1





#5

2-Fluorophenol

Concen: 35.148 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.09 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

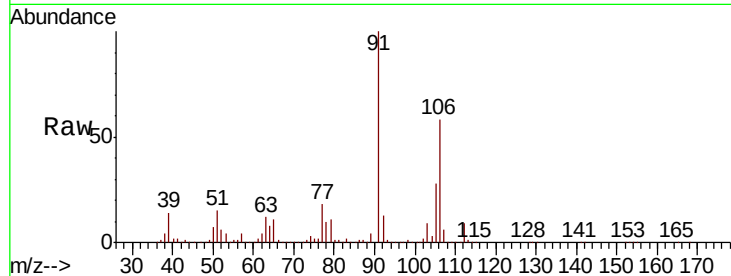
Tgt Ion: 112 Resp: 244101

Ion Ratio Lower Upper

112 100

64 84.2 51.8 77.6#

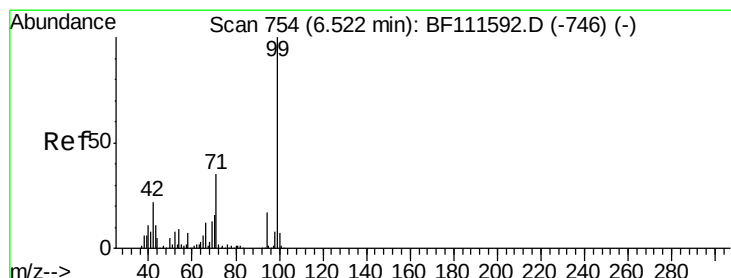
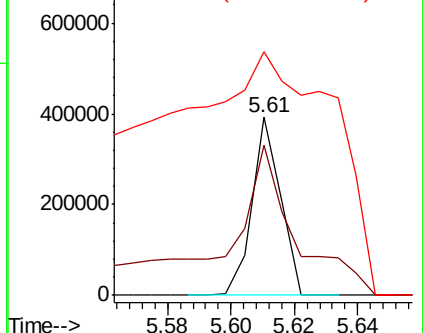
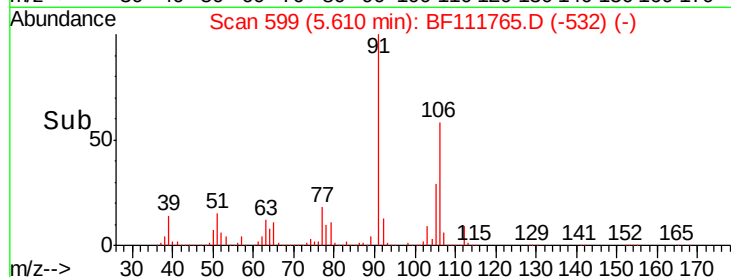
63 136.9 26.8 40.2#



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: 62.586 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.05 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

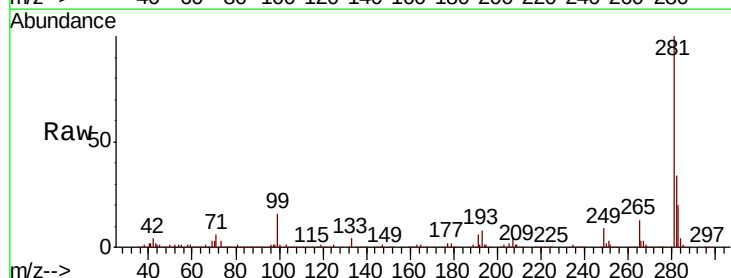
Tgt Ion: 99 Resp: 553169

Ion Ratio Lower Upper

99 100

42 24.3 17.4 26.0

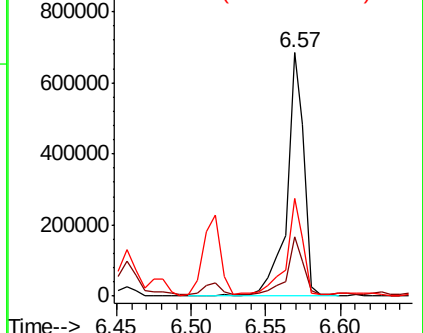
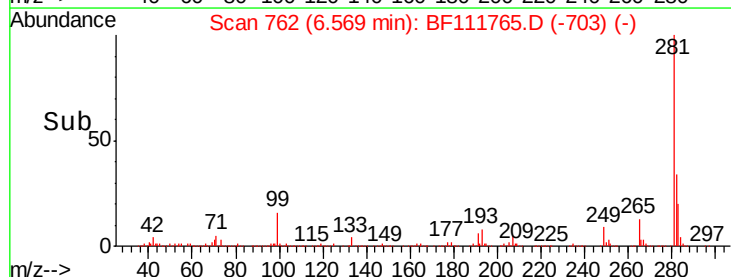
71 40.3 26.1 39.1#

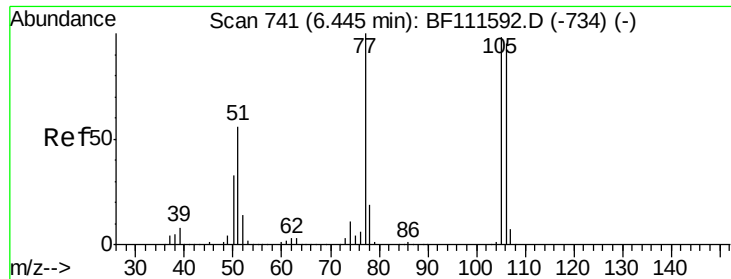


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 15.957 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

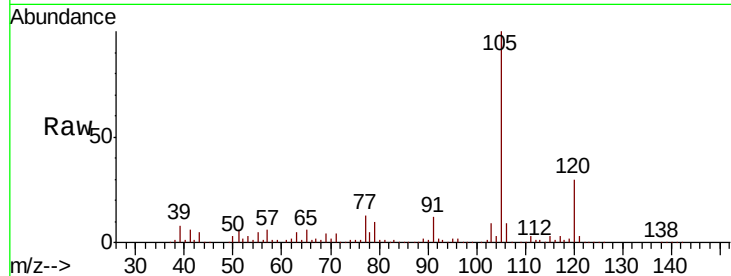
Tgt Ion: 77 Resp: 96997

Ion Ratio Lower Upper

77 100

105 766.1 81.4 121.4#

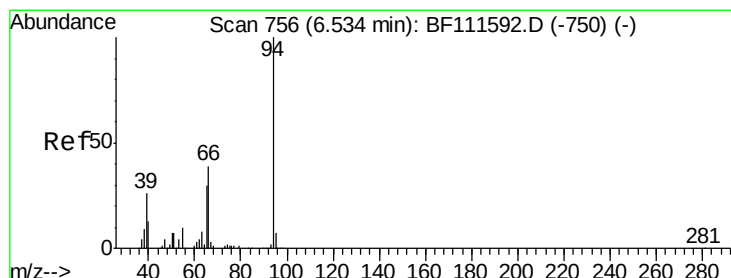
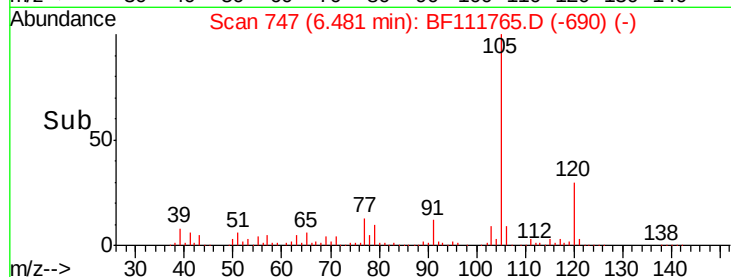
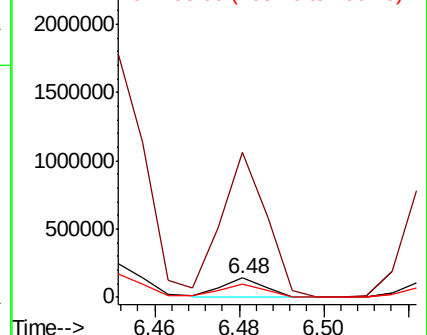
106 71.8 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 14.782 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.05 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

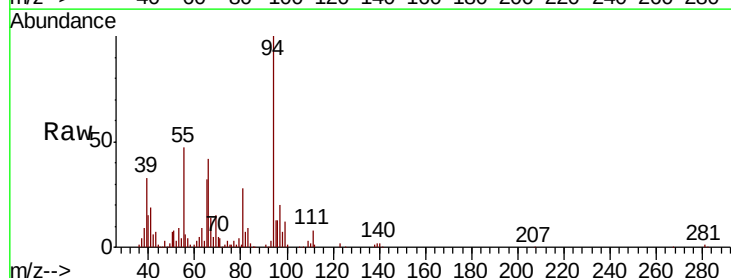
Tgt Ion: 94 Resp: 147413

Ion Ratio Lower Upper

94 100

65 31.7 11.7 51.7

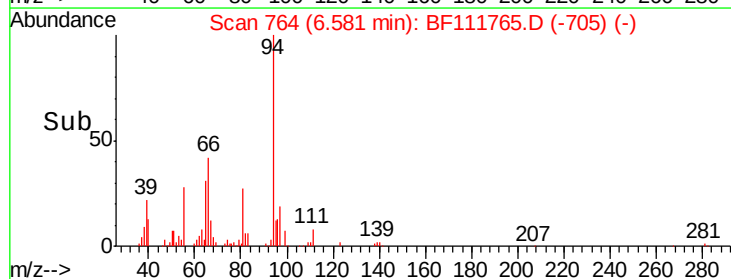
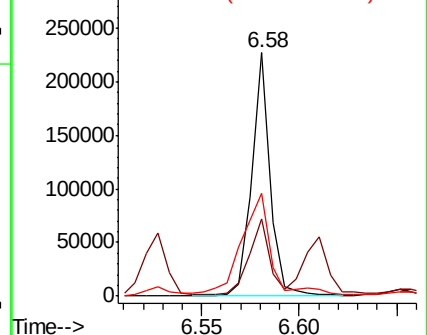
66 42.4 21.0 61.0

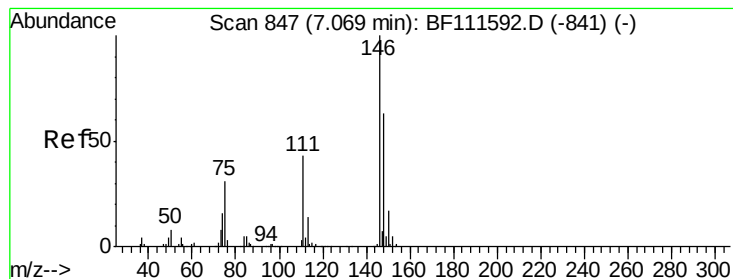


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#14

1,2-Dichlorobenzene

Concen: 4.341 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

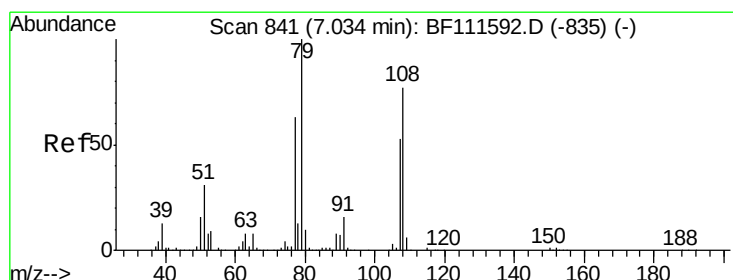
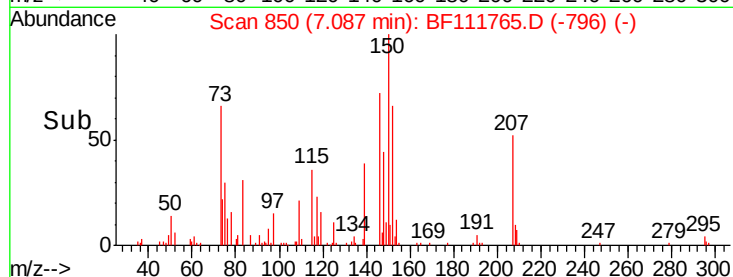
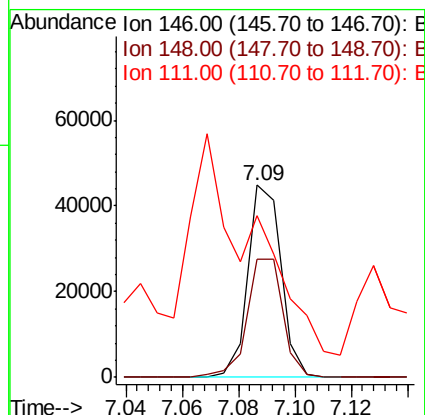
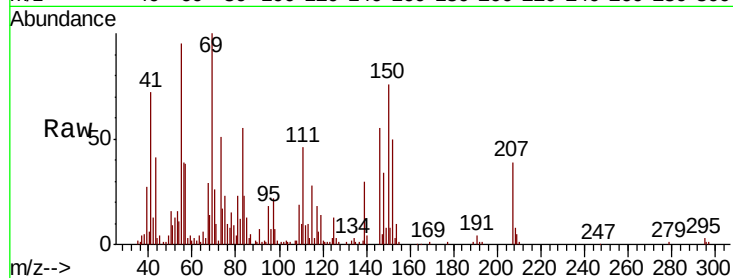
Tgt Ion:146 Resp: 36621

Ion Ratio Lower Upper

146 100

148 61.3 51.9 77.9

111 83.8 36.2 54.4#



#15

Benzyl Alcohol

Concen: 4.162 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

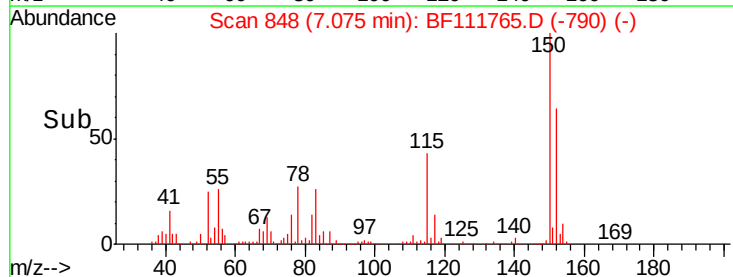
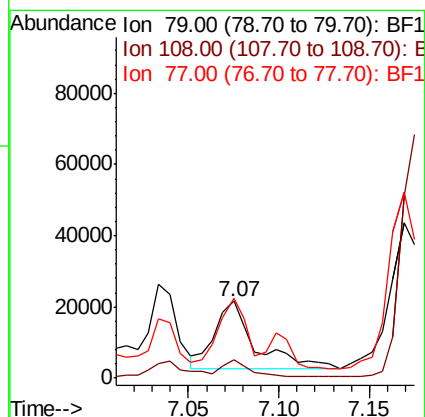
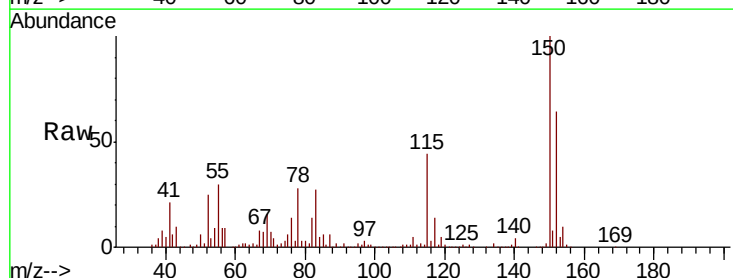
Tgt Ion: 79 Resp: 29212

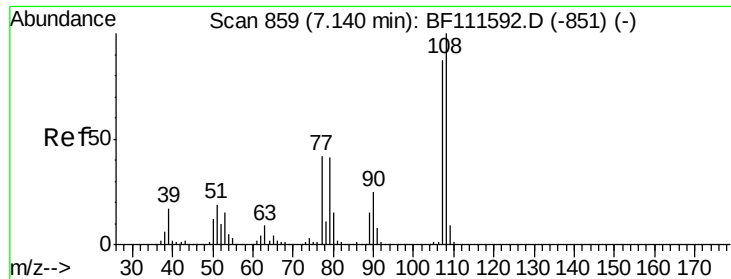
Ion Ratio Lower Upper

79 100

108 23.8 69.4 104.2#

77 102.8 49.7 74.5#

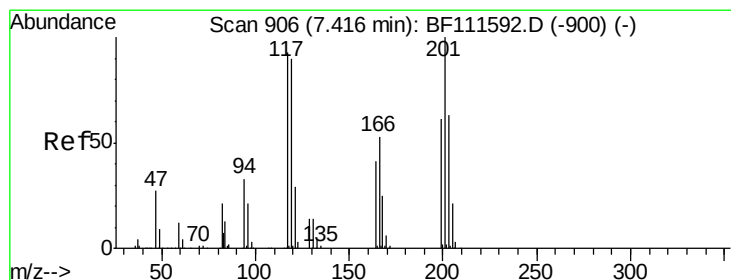
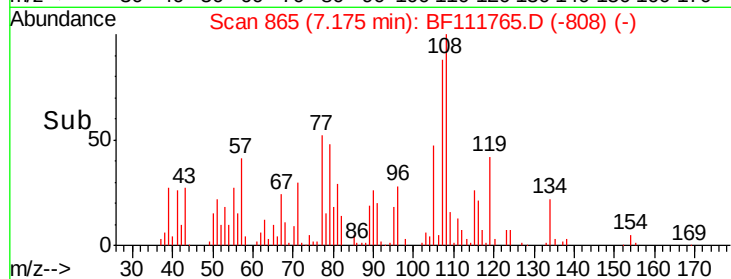
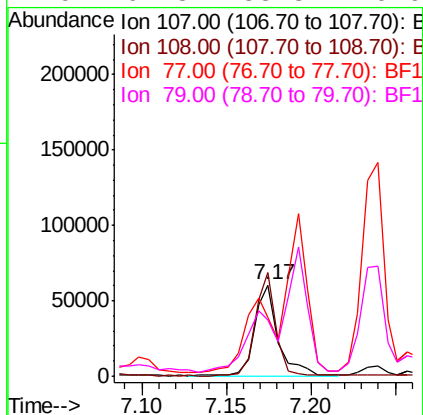
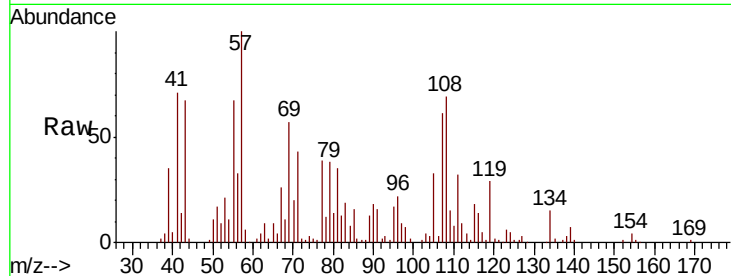




#17
2-Methylphenol
Concen: 9.415 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.04 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

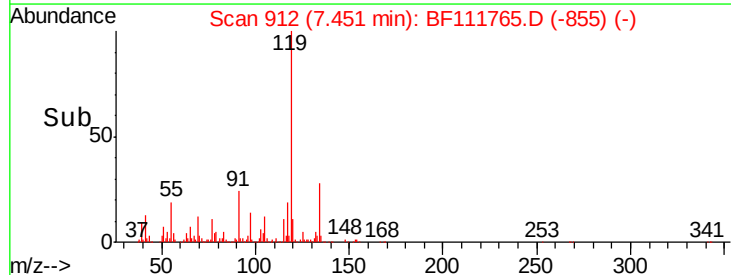
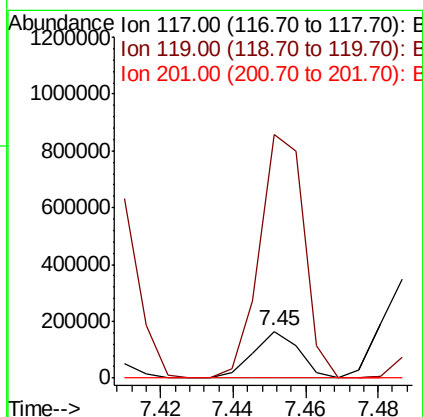
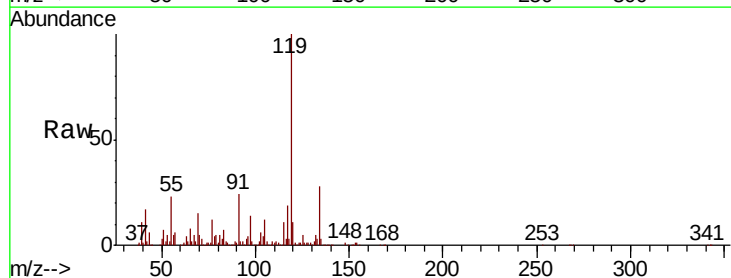
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

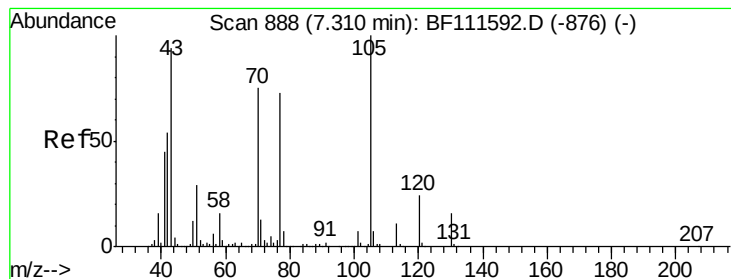
Tgt Ion:107 Resp: 57998
Ion Ratio Lower Upper
107 100
108 112.8 91.0 136.4
77 64.0 33.5 50.3#
79 61.8 33.3 49.9#



#18
Hexachloroethane
Concen: 46.646 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.04 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Tgt Ion:117 Resp: 142129
Ion Ratio Lower Upper
117 100
119 518.8 75.4 113.0#
201 0.0 62.4 93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 6.617 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

Tgt Ion: 70 Resp: 38840

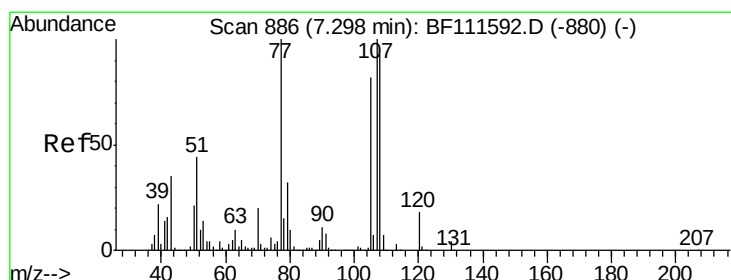
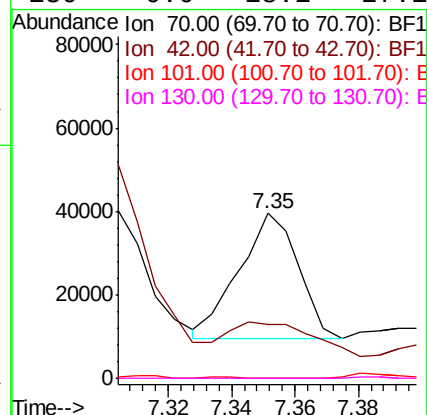
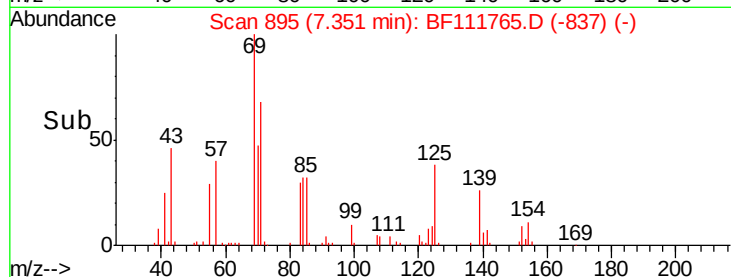
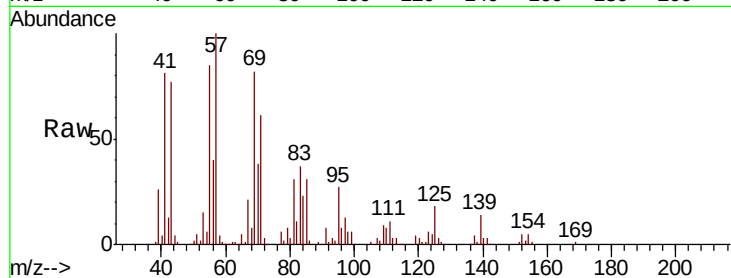
Ion Ratio Lower Upper

70 100

42 32.8 53.2 79.8#

101 0.0 8.2 12.4#

130 0.0 18.1 27.1#



#20

3+4-Methylphenols

Concen: 14.884 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Tgt Ion: 107 Resp: 115853

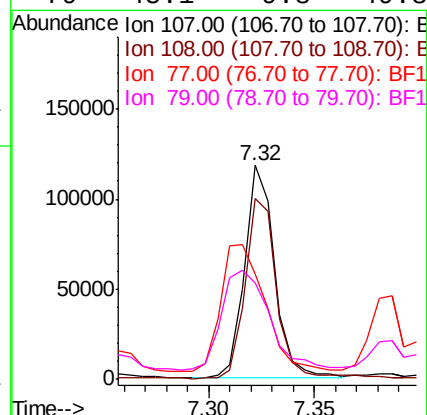
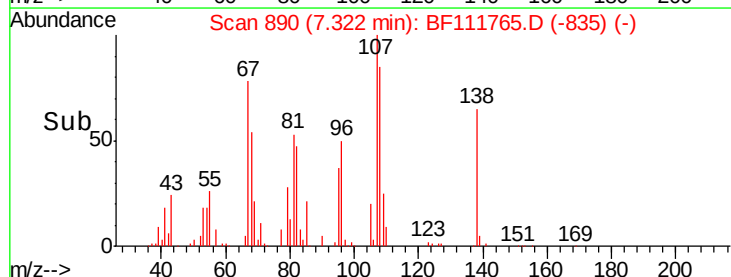
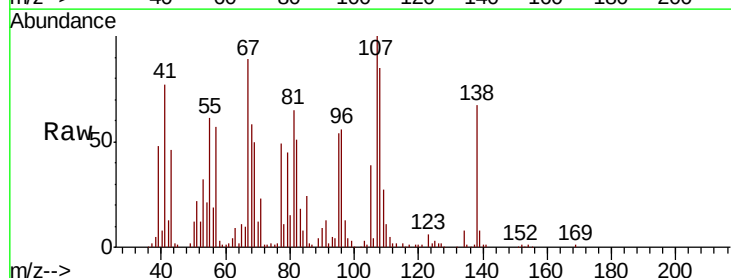
Ion Ratio Lower Upper

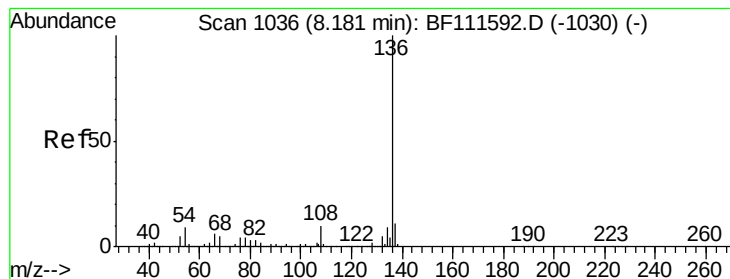
107 100

108 84.7 72.1 112.1

77 49.1 94.1 134.1#

79 45.1 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

Tgt Ion:136 Resp: 372000

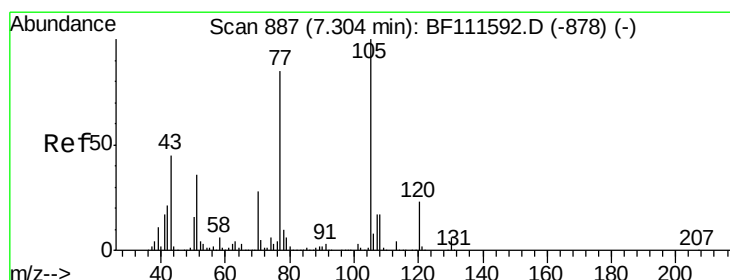
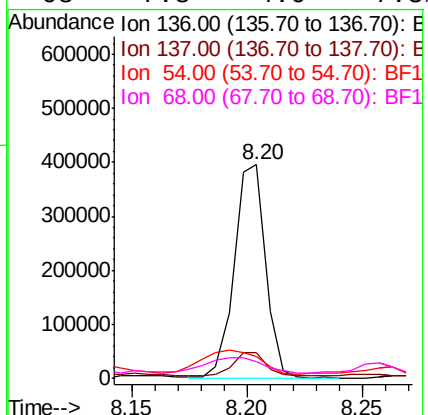
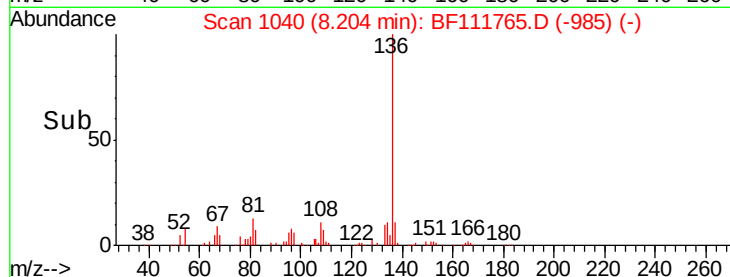
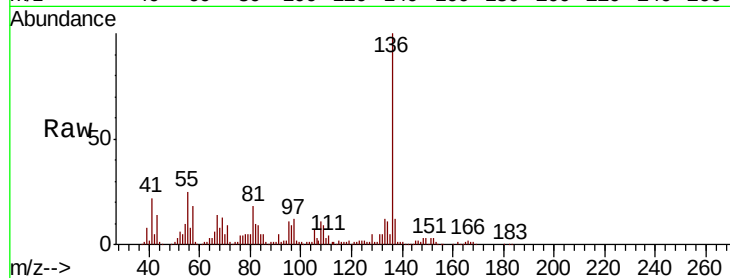
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 10.4 7.7 11.5

68 7.8 4.9 7.3#



#22

Acetophenone

Concen: 37.891 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Tgt Ion:105 Resp: 357094

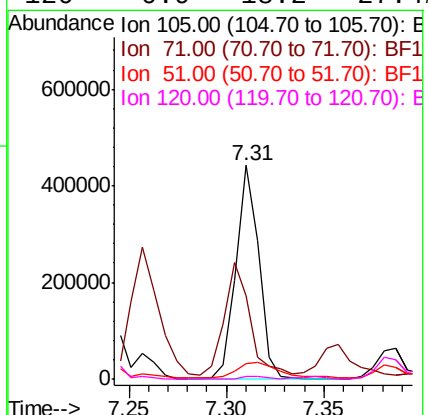
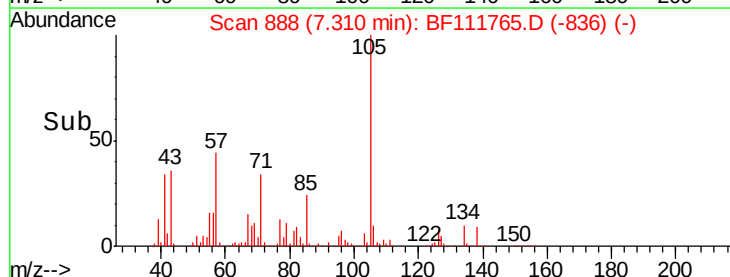
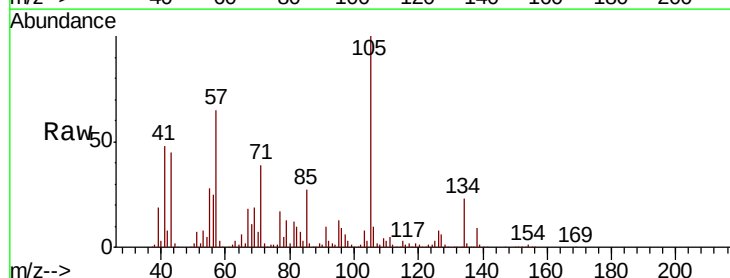
Ion Ratio Lower Upper

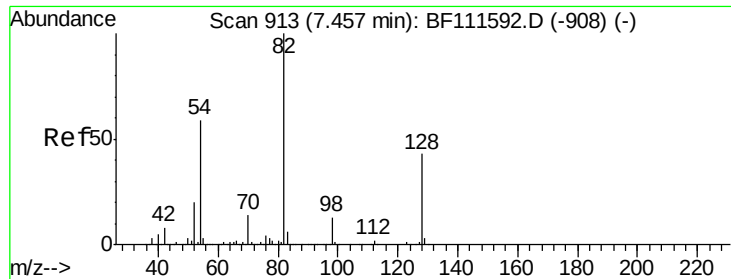
105 100

71 39.2 3.1 4.7#

51 7.1 36.6 54.8#

120 0.9 18.2 27.4#

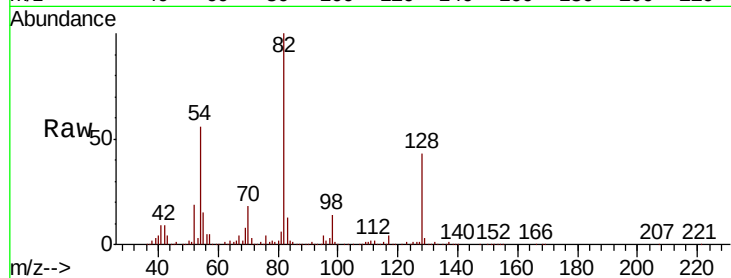




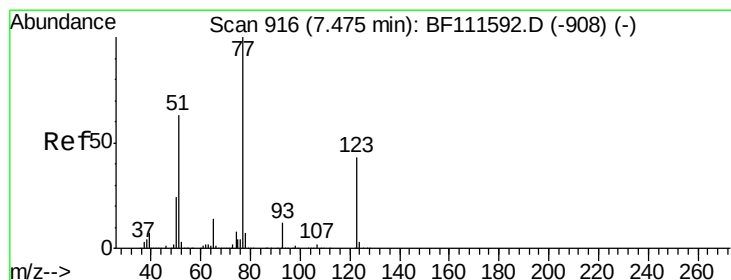
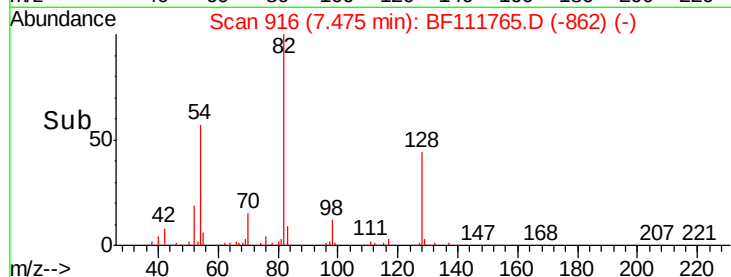
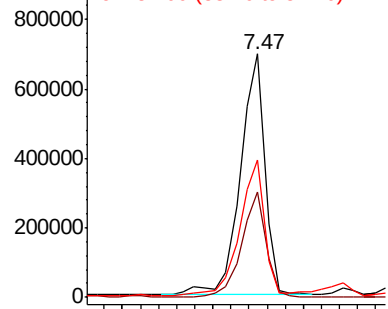
#23
 Nitrobenzene-d5
 Concen: 102.317 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.02 min
 Lab File: BF111765.D
 Acq: 27 Dec 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3036-01

Tgt Ion: 82 Resp: 653901
 Ion Ratio Lower Upper
 82 100
 128 43.3 37.4 56.2
 54 56.5 47.6 71.4

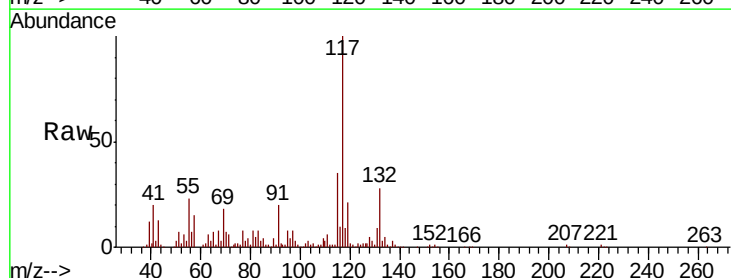


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

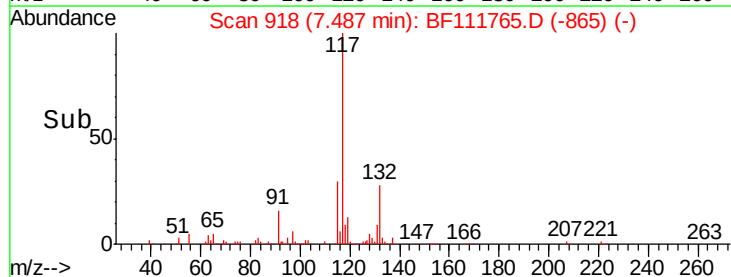
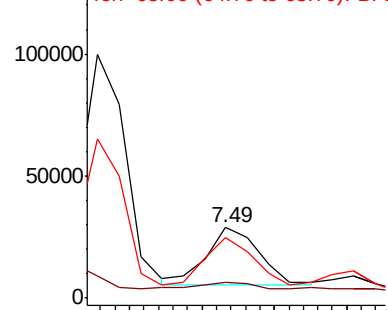


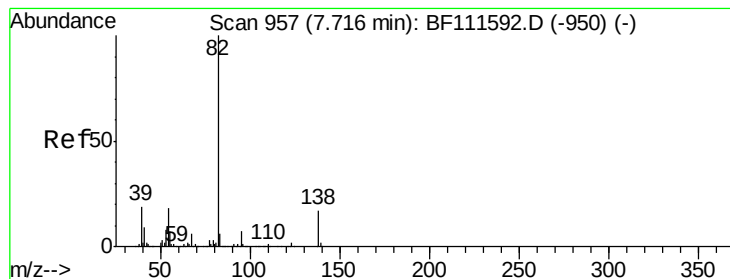
#24
 Nitrobenzene
 Concen: 3.595 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111765.D
 Acq: 27 Dec 2018 16:30

Tgt Ion: 77 Resp: 24081
 Ion Ratio Lower Upper
 77 100
 123 21.7 37.2 55.8#
 65 86.8 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 4.594 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

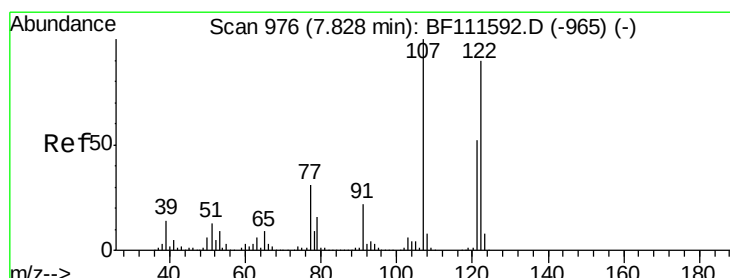
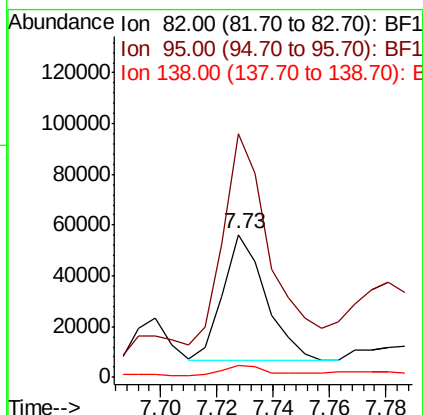
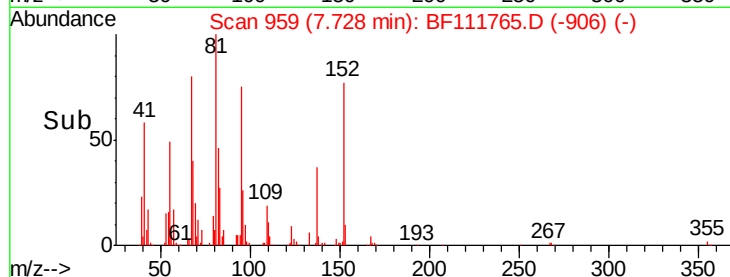
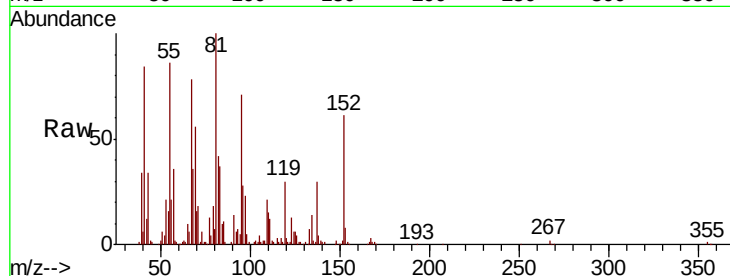
Tgt Ion: 82 Resp: 52122

Ion Ratio Lower Upper

82 100

95 170.4 5.4 8.2#

138 8.5 15.1 22.7#



#27

2,4-Dimethylphenol

Concen: 8.551 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.03 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

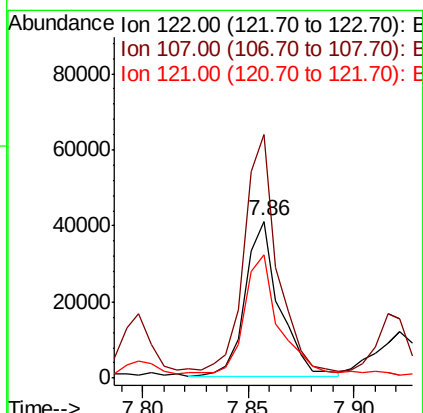
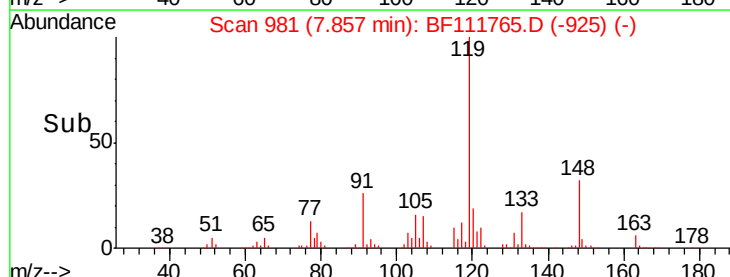
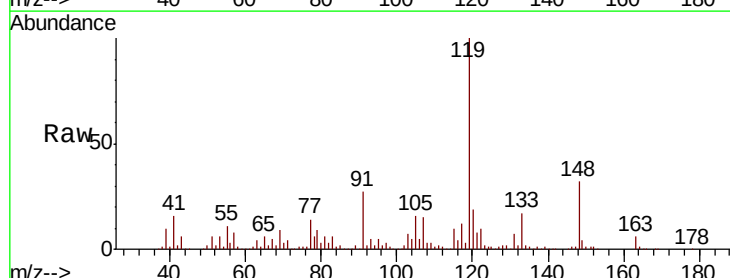
Tgt Ion: 122 Resp: 45794

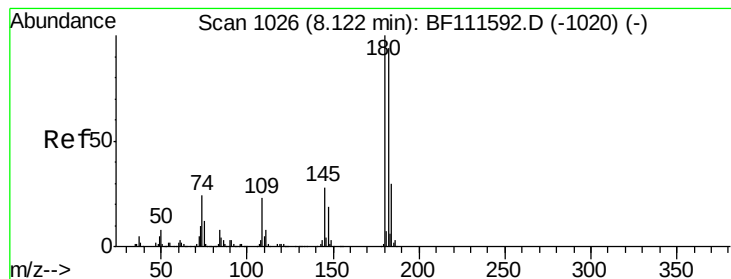
Ion Ratio Lower Upper

122 100

107 155.2 85.5 128.3#

121 78.9 46.6 70.0#





#30

1,2,4-Trichlorobenzene

Concen: 77.927 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

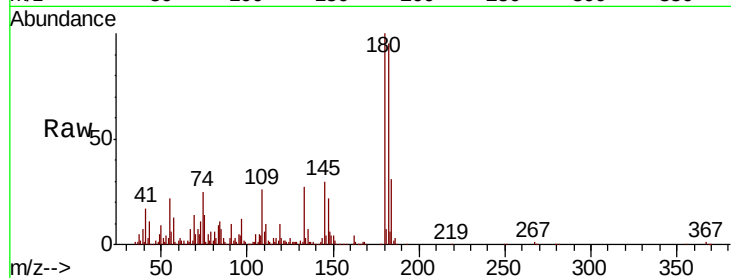
Tgt Ion:180 Resp: 500182

Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

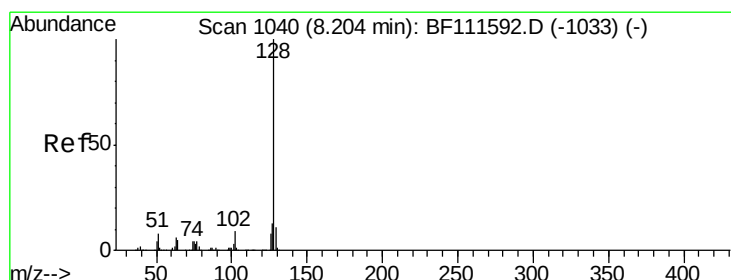
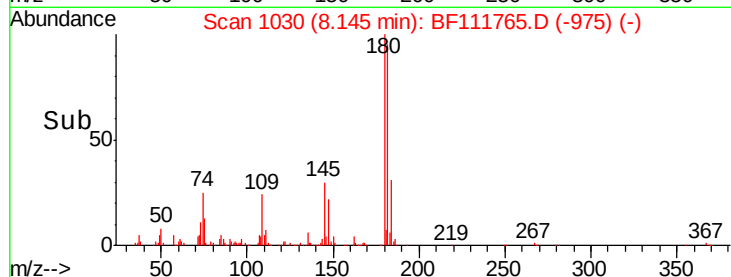
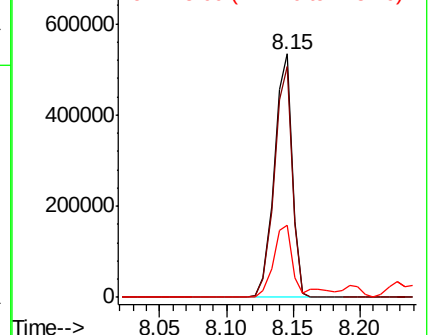
145 29.6 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 89.943 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

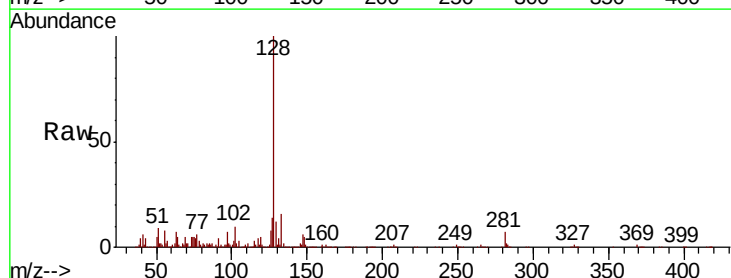
Tgt Ion:128 Resp: 1607643

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.8

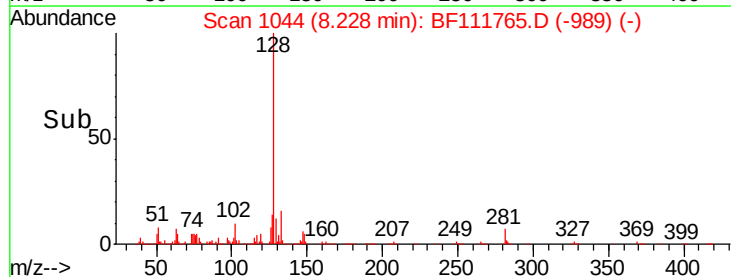
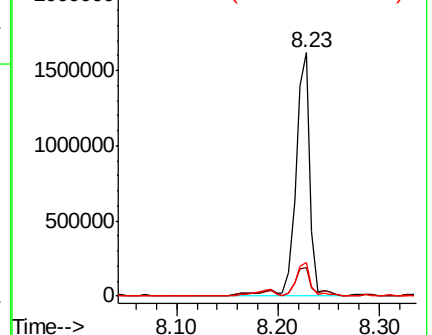
127 13.9 12.0 18.0

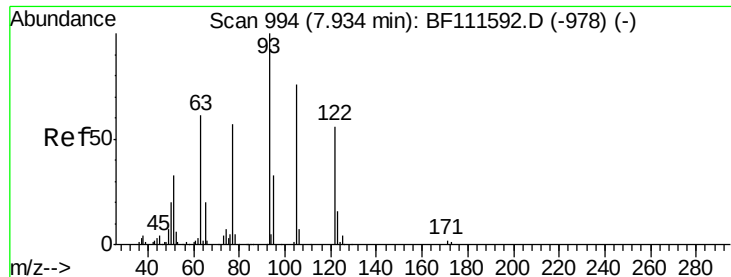


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

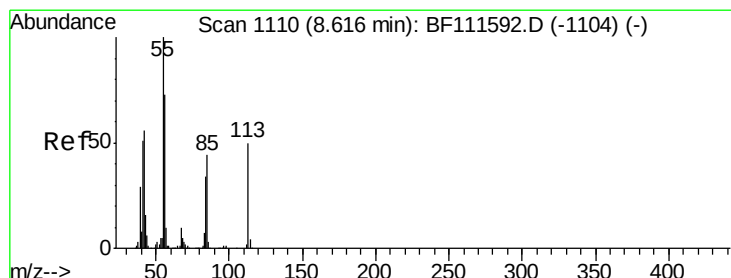
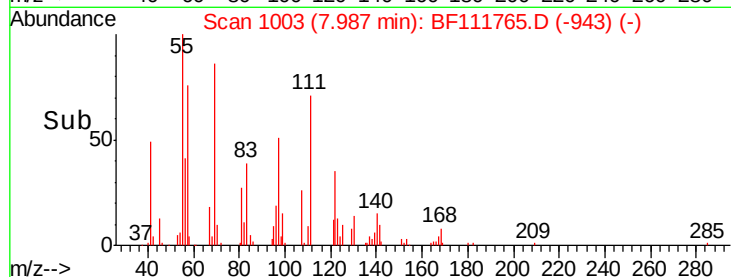
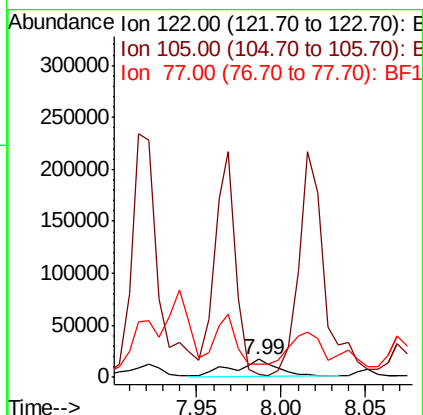
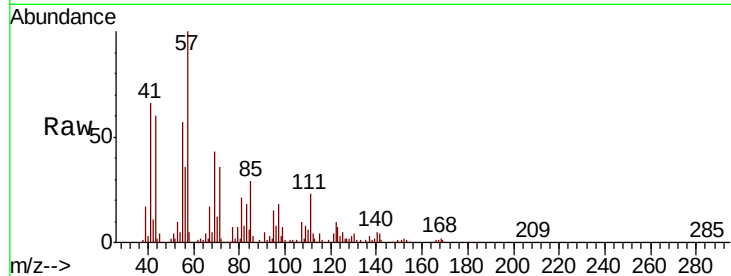




#32
Benzoic acid
Concen: 8.225 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.05 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

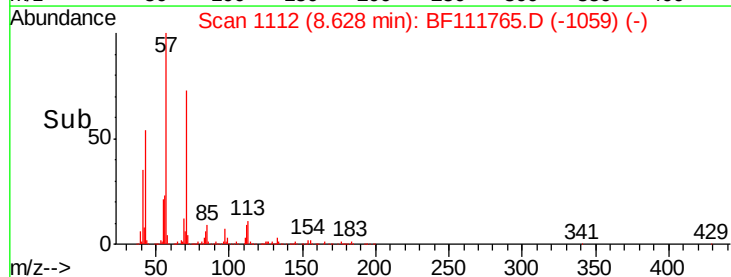
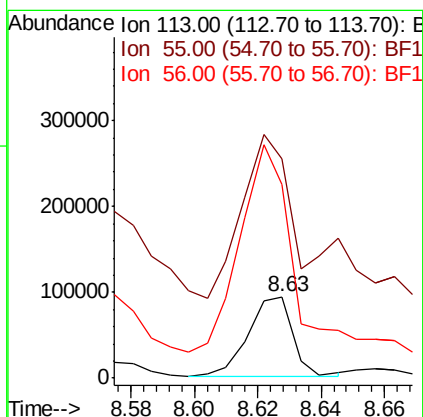
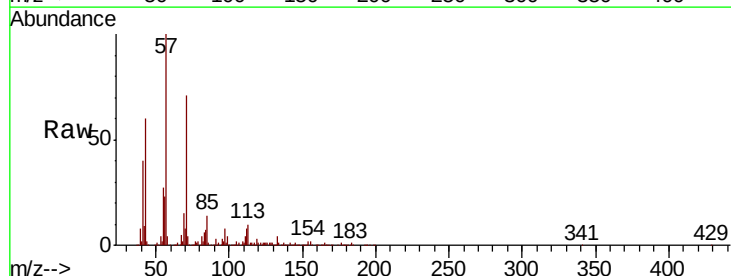
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

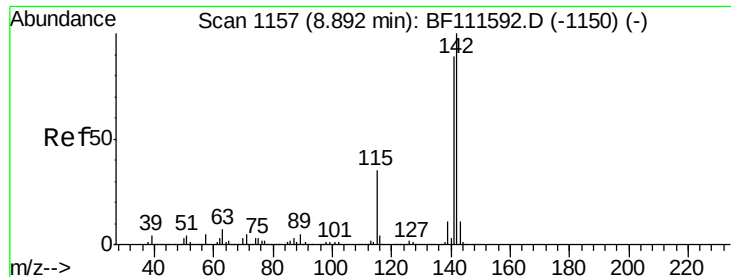
Tgt Ion:122 Resp: 29124
Ion Ratio Lower Upper
122 100
105 13.8 97.0 137.0#
77 73.5 65.7 105.7



#35
Caprolactam
Concen: 47.097 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Tgt Ion:113 Resp: 91923
Ion Ratio Lower Upper
113 100
55 270.4 184.1 224.1#
56 237.8 126.0 166.0#

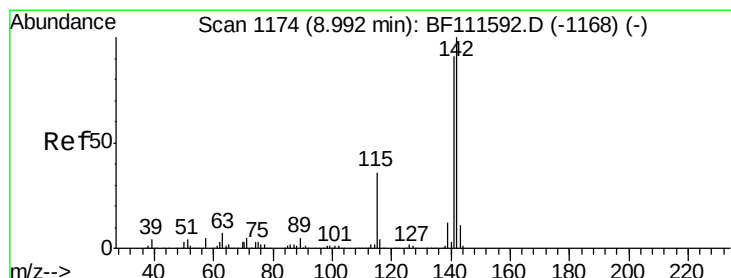
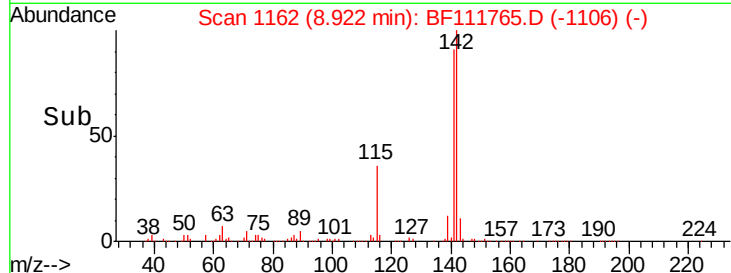
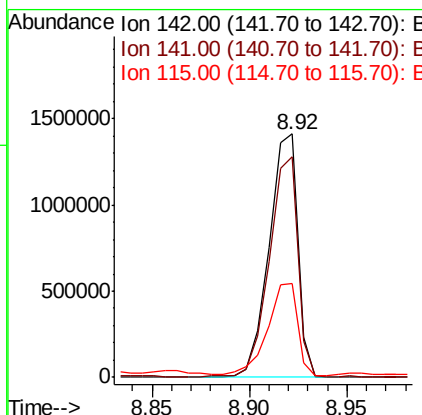
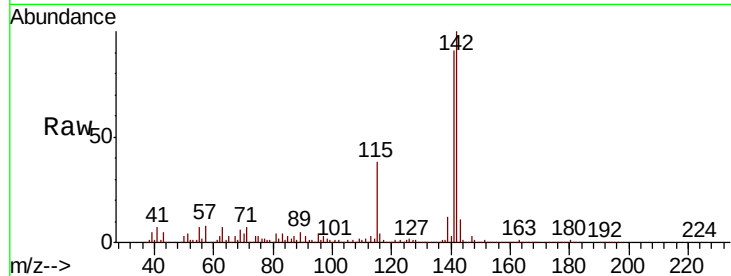




#37
 2-Methylnaphthalene
 Concen: 124.141 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.03 min
 Lab File: BF111765.D
 Acq: 27 Dec 2018 16:30

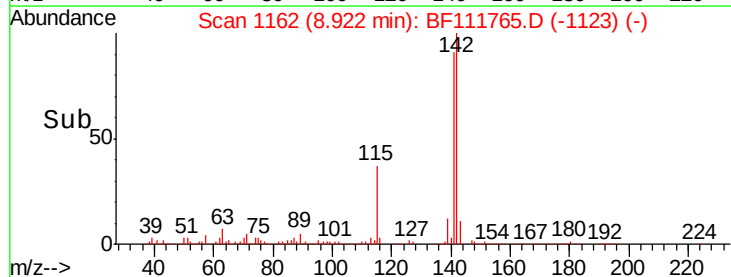
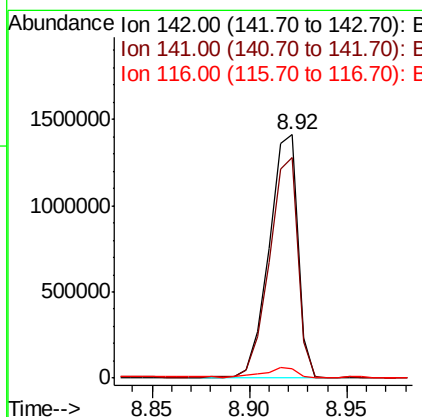
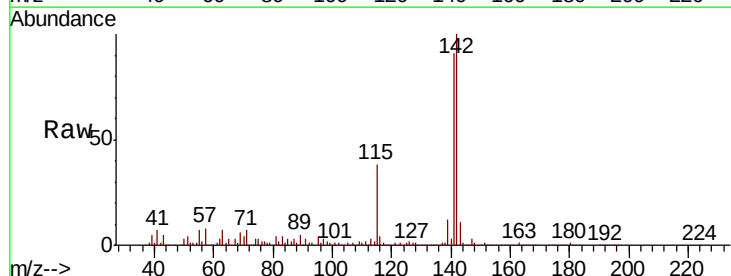
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3036-01

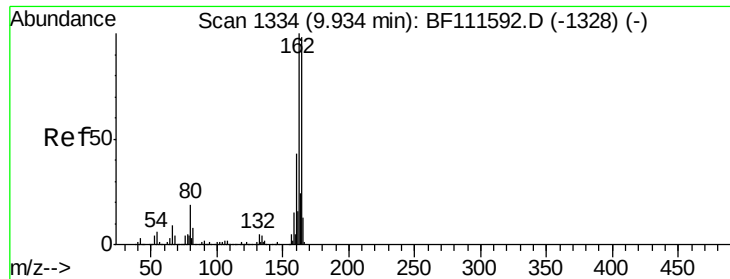
Tgt Ion:142 Resp: 1443636
 Ion Ratio Lower Upper
 142 100
 141 90.8 70.6 105.8
 115 38.4 27.0 40.6



#38
 1-Methylnaphthalene
 Concen: 129.259 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.07 min
 Lab File: BF111765.D
 Acq: 27 Dec 2018 16:30

Tgt Ion:142 Resp: 1443636
 Ion Ratio Lower Upper
 142 100
 141 90.8 74.2 111.4
 116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

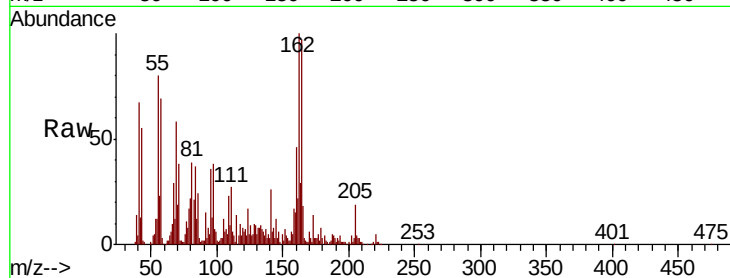
Tgt Ion:164 Resp: 180116

Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.0

160 47.4 35.7 53.5

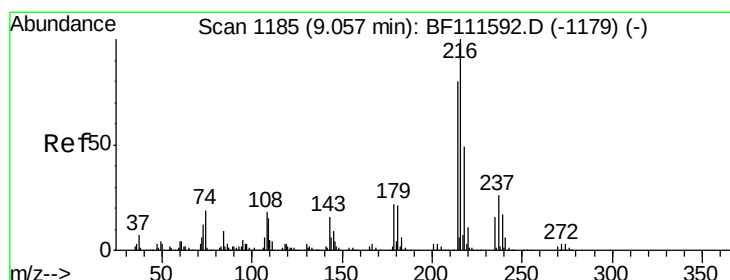
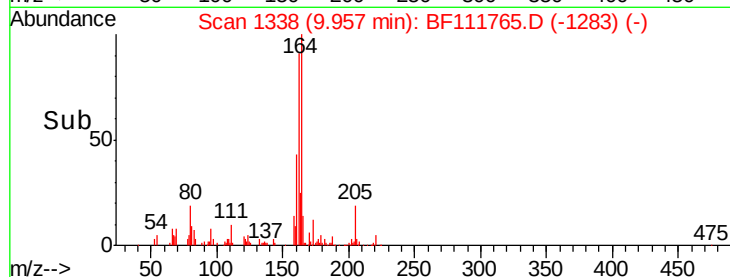
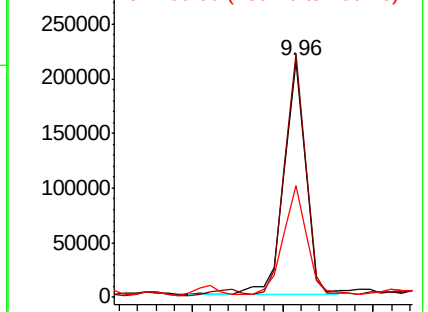


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.643 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Tgt Ion:216 Resp: 39318

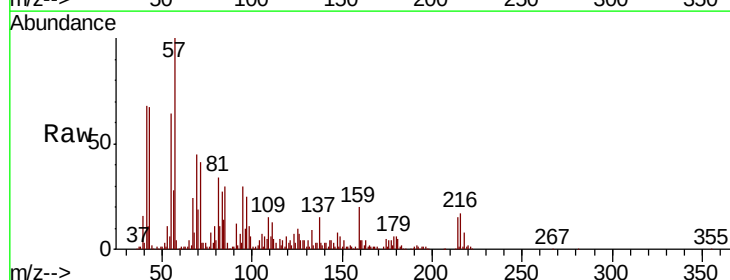
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.8

179 39.5 17.9 26.9#

108 24.8 18.4 27.6



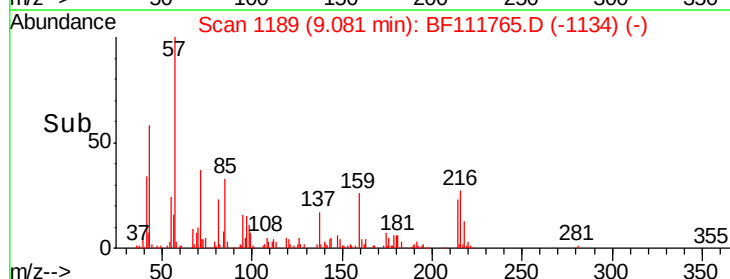
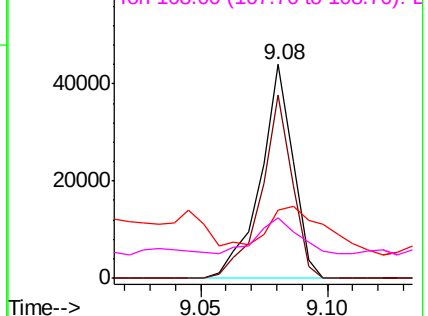
Abundance

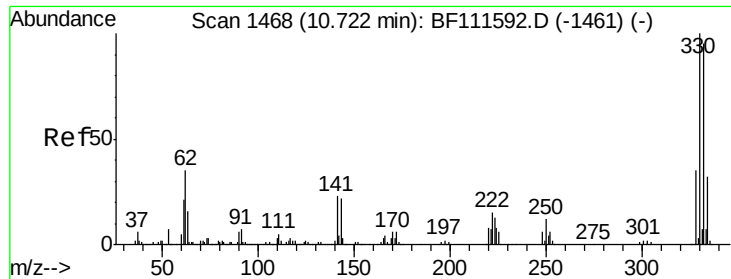
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 111.192 ng

RT: 10.75 min Scan# 1473

Delta R.T. 0.03 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

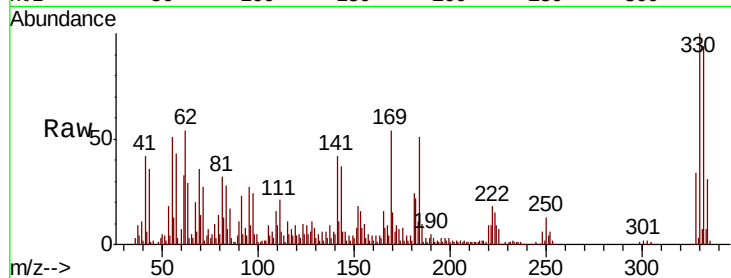
Tgt Ion:330 Resp: 236639

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

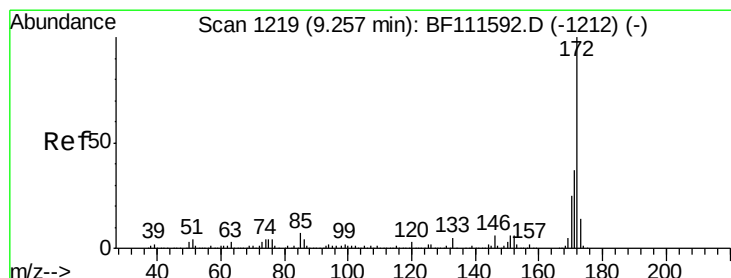
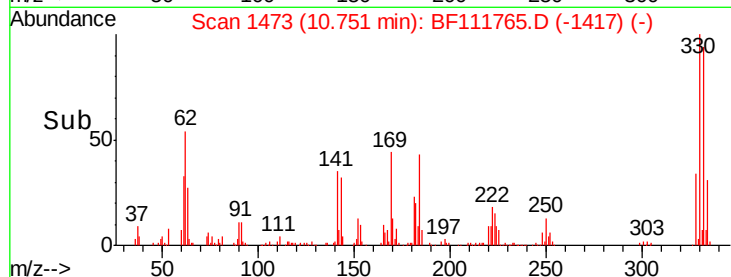
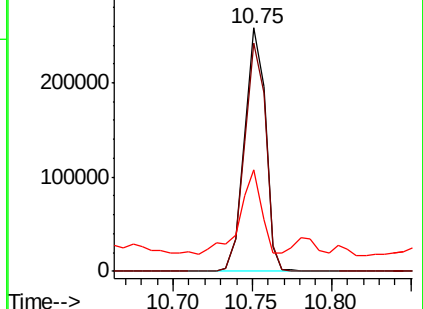
141 34.0 31.0 46.6



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



#45

2-Fluorobiphenyl

Concen: 83.726 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

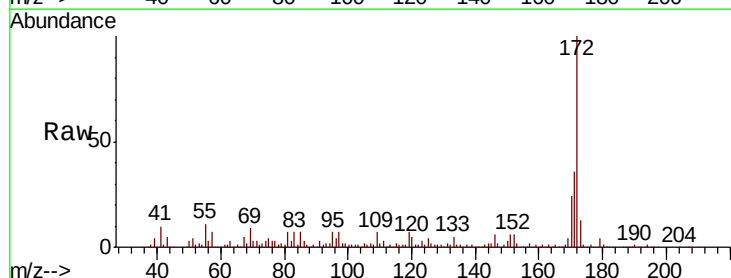
Tgt Ion:172 Resp: 1034616

Ion Ratio Lower Upper

172 100

171 35.6 33.0 49.4

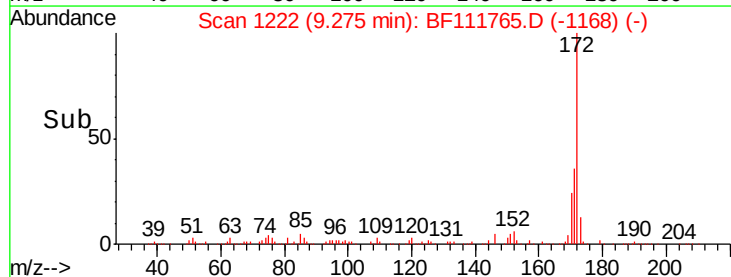
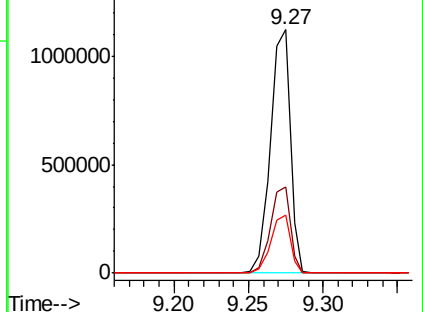
170 23.7 22.3 33.5

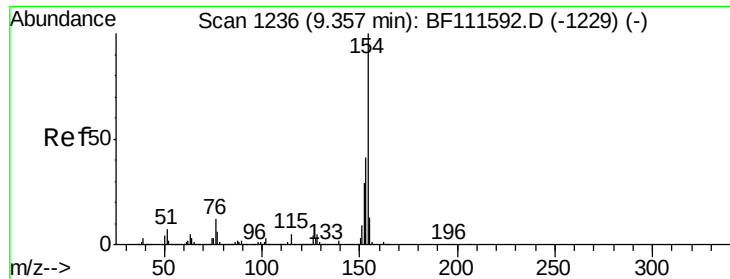


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

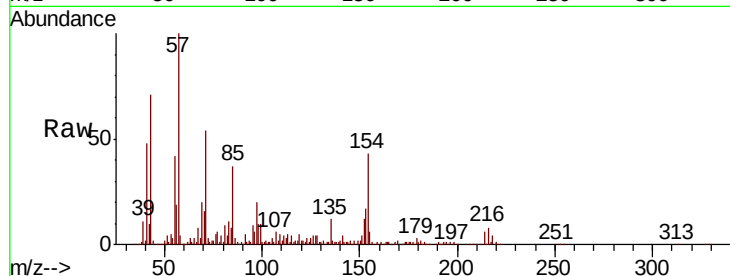




#46
 1,1'-Biphenyl
 Concen: 15.540 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.02 min
 Lab File: BF111765.D
 Acq: 27 Dec 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013C-3036-01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	23.7	63.7
76	11.0	0.0	35.0

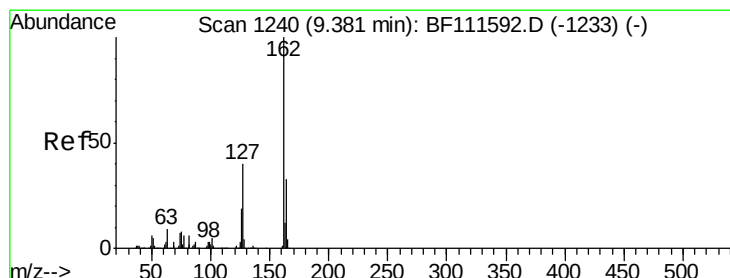
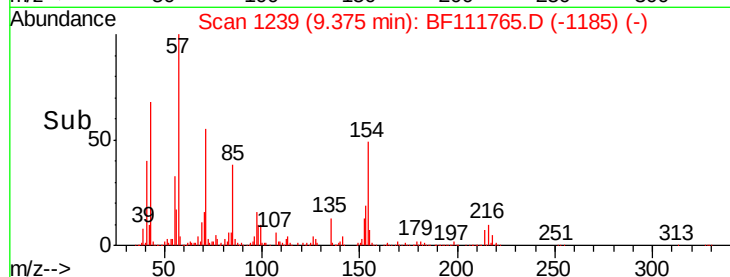
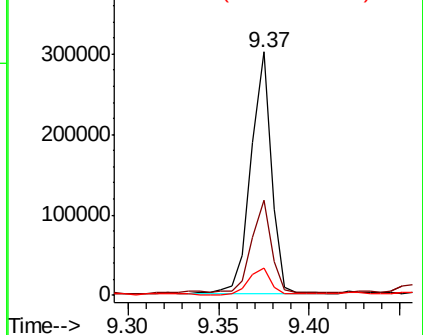


Abundance

Ion 154.00 (153.70 to 154.70): E

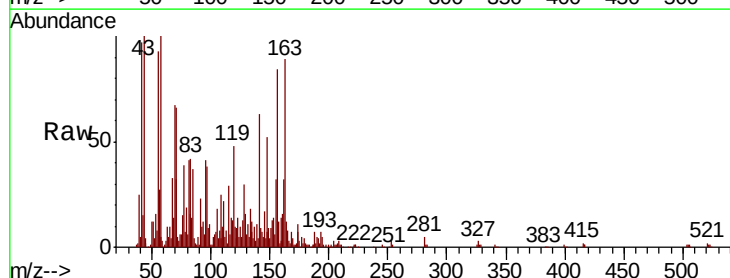
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 2.119 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.28 min
 Lab File: BF111765.D
 Acq: 27 Dec 2018 16:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	35.0	52.4
164	38.6	28.4	42.6

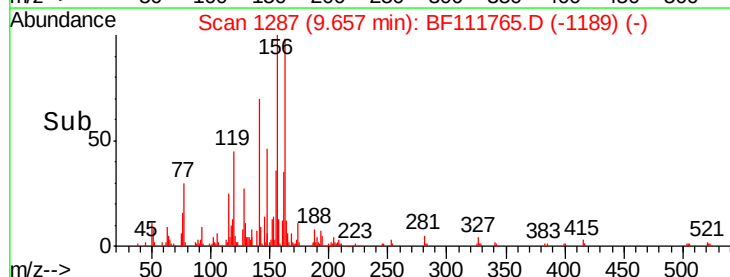
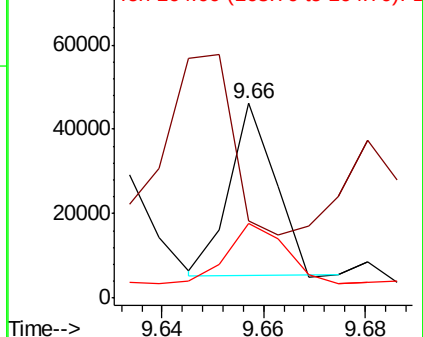


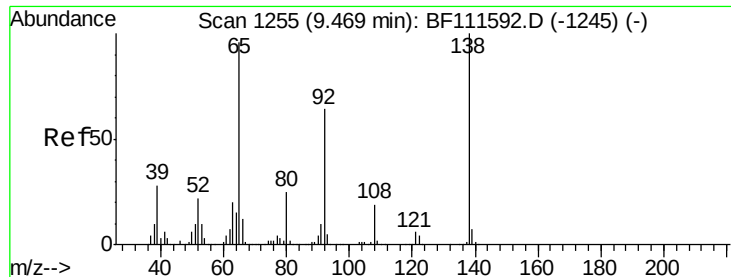
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

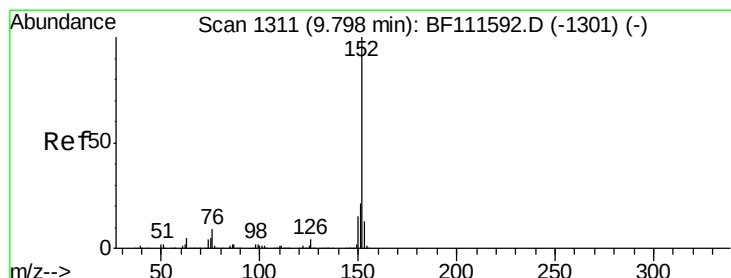
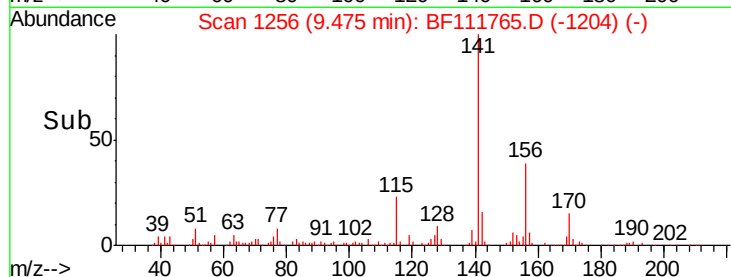
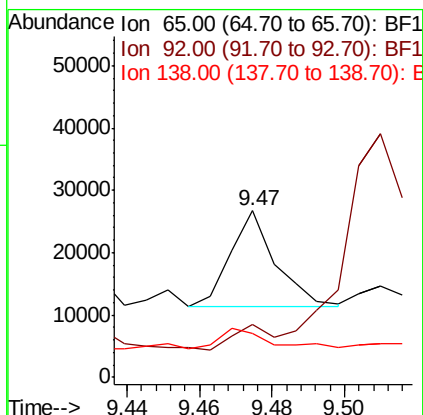
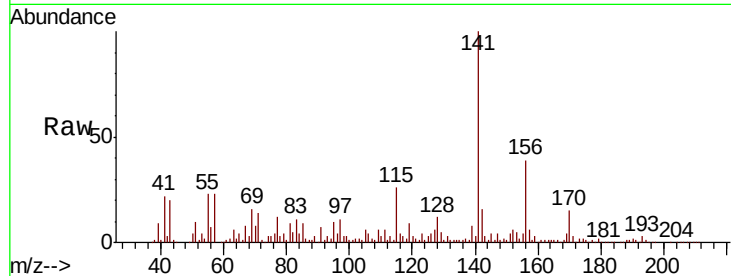




#48
2-Nitroaniline
Concen: 4.337 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

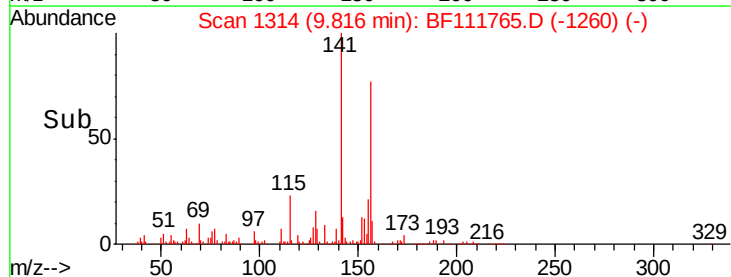
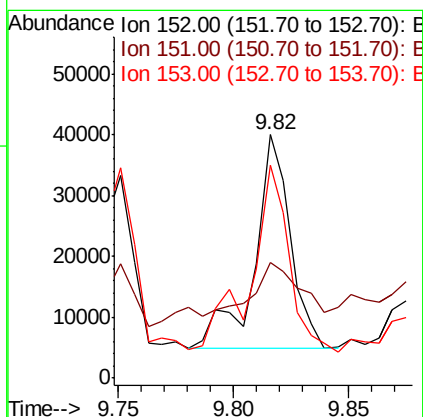
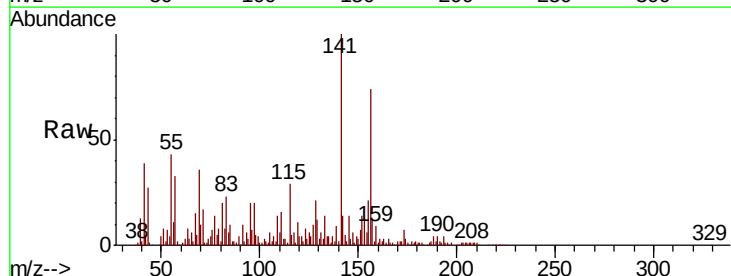
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

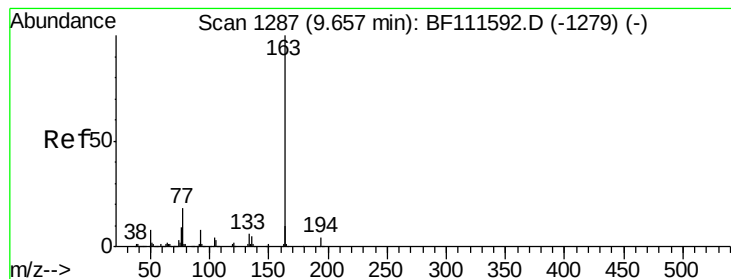
Tgt Ion: 65 Resp: 13591
Ion Ratio Lower Upper
65 100
92 32.1 53.5 80.3#
138 26.6 80.9 121.3#



#49
Acenaphthylene
Concen: 2.179 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Tgt Ion: 152 Resp: 38329
Ion Ratio Lower Upper
152 100
151 47.2 18.0 27.0#
153 87.5 12.3 18.5#





#50

Dimethylphthalate

Concen: 8.270 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

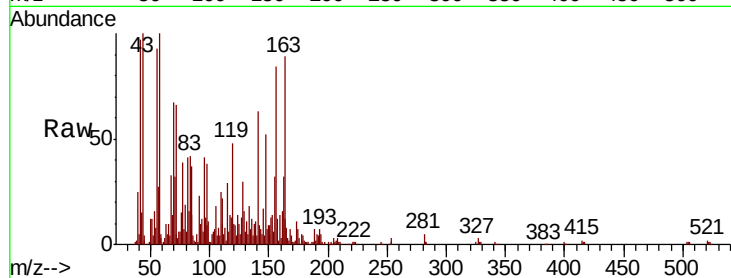
Tgt Ion:163 Resp: 108924

Ion Ratio Lower Upper

163 100

194 6.1 3.0 4.6#

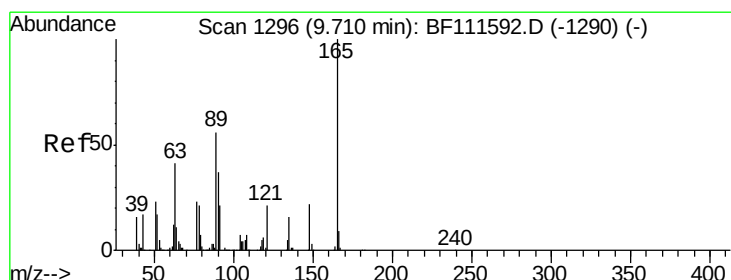
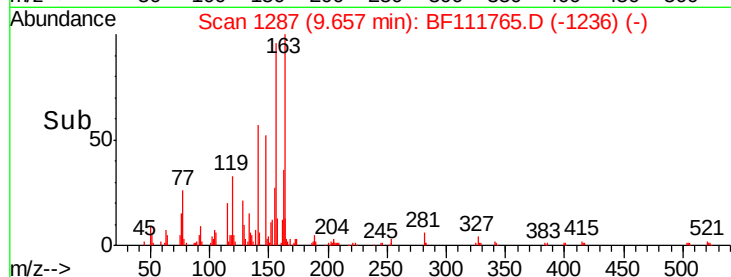
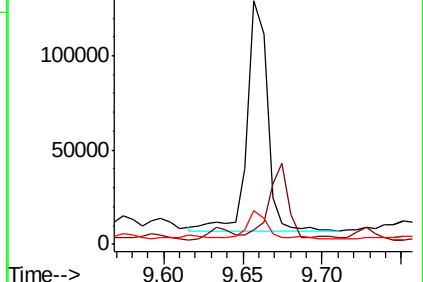
164 13.8 8.9 13.3#



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



#51

2,6-Dinitrotoluene

Concen: 2.234 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.22 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

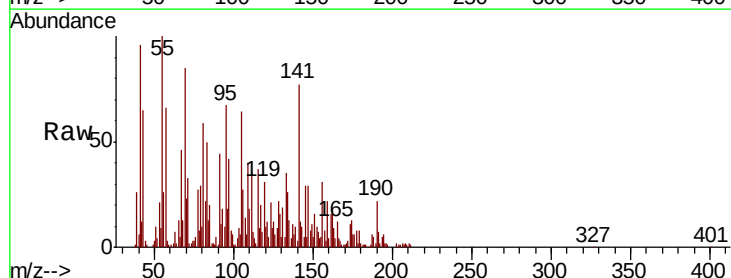
Tgt Ion:165 Resp: 5867

Ion Ratio Lower Upper

165 100

63 57.9 40.5 60.7

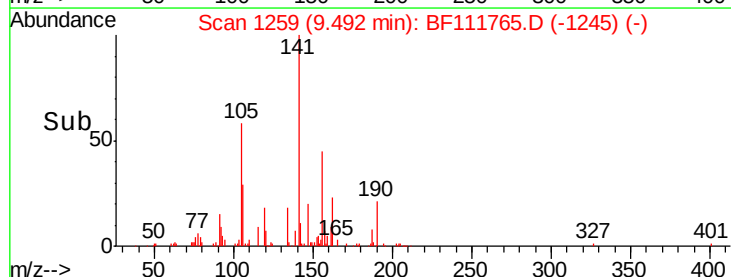
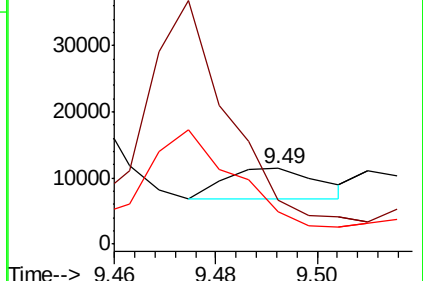
89 42.7 40.0 60.0

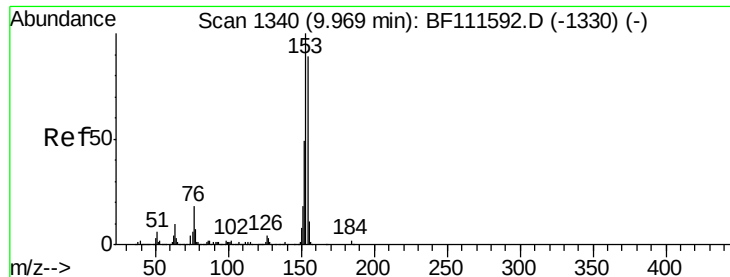


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 4.271 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

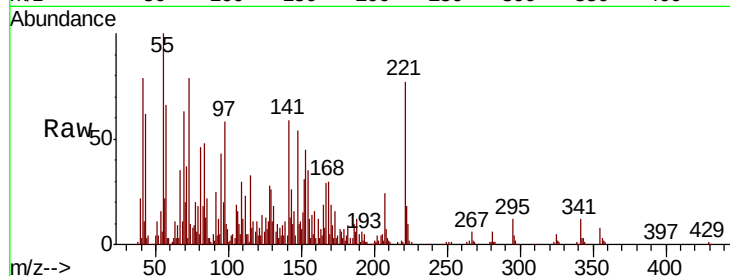
Tgt Ion:154 Resp: 46329

Ion Ratio Lower Upper

154 100

153 129.0 87.8 131.8

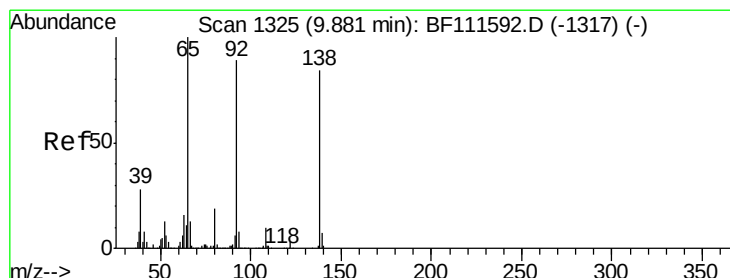
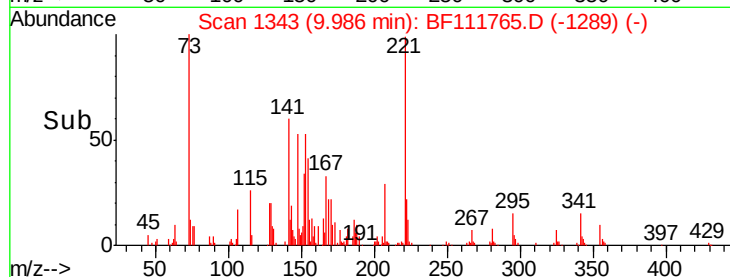
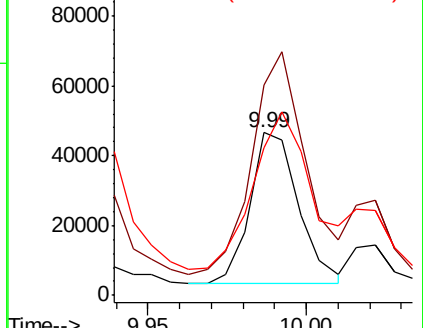
152 90.3 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.042 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.03 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

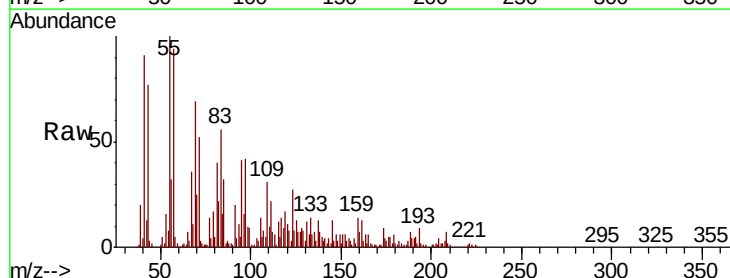
Tgt Ion:138 Resp: 8520

Ion Ratio Lower Upper

138 100

108 67.2 8.2 12.4#

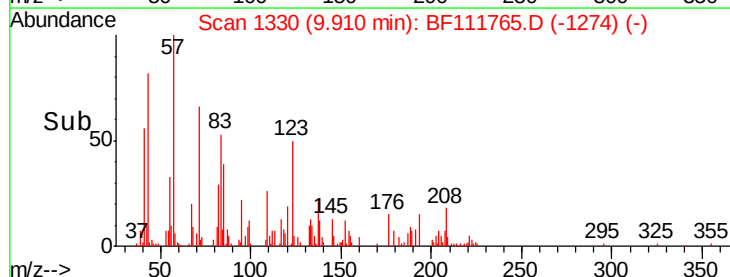
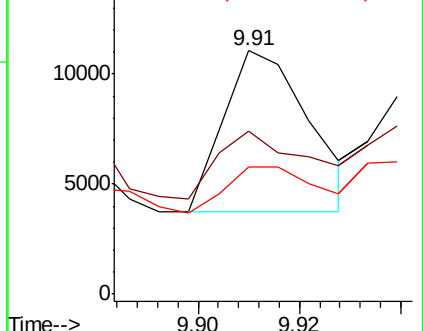
92 52.5 93.4 140.2#

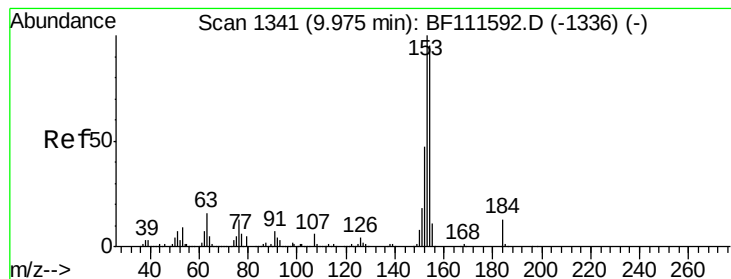


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 9.003 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.03 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

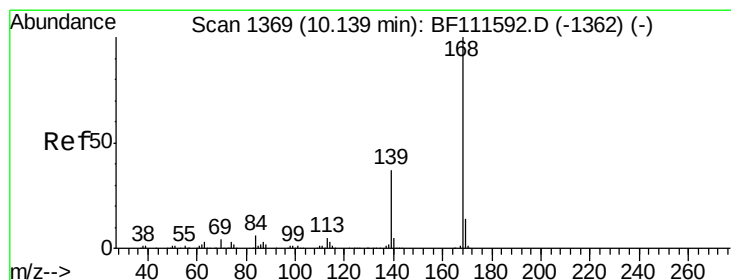
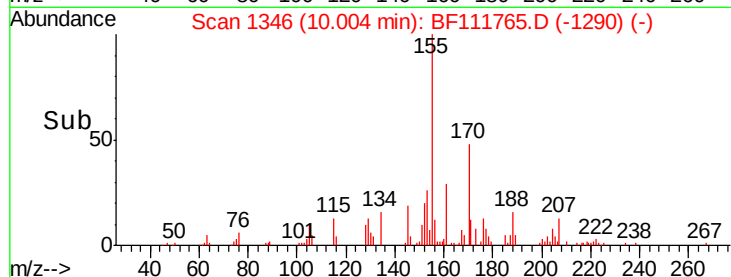
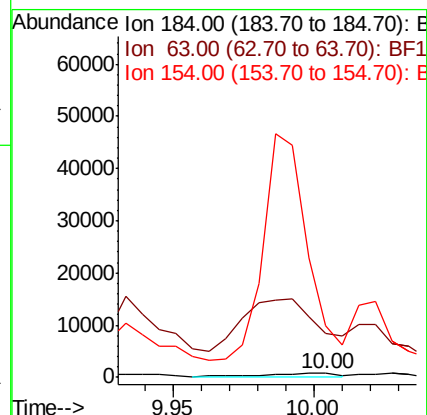
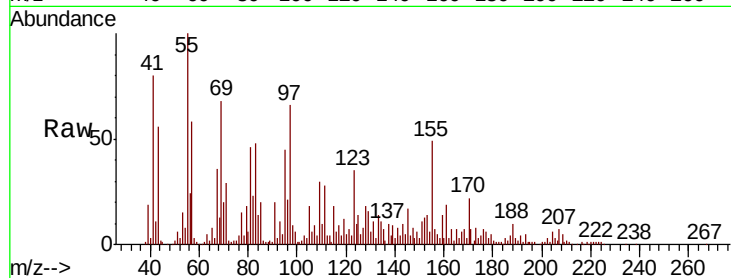
Tgt Ion:184 Resp: 1573

Ion Ratio Lower Upper

184 100

63 1099.6 62.3 93.5#

154 1289.3 56.2 84.2#



#55

Dibenzofuran

Concen: 5.344 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

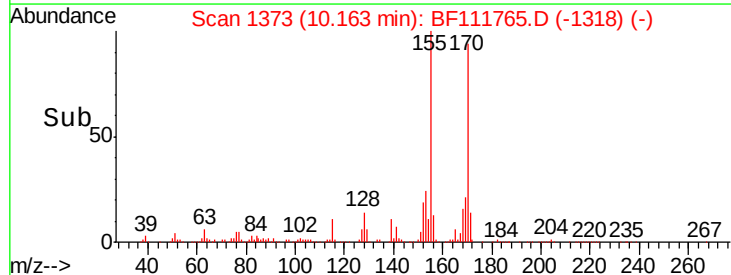
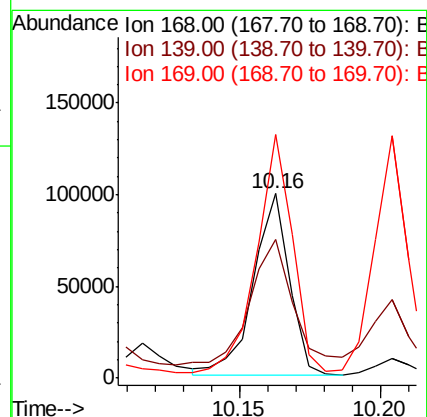
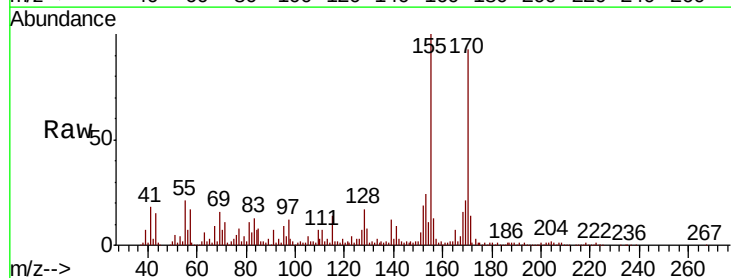
Tgt Ion:168 Resp: 87582

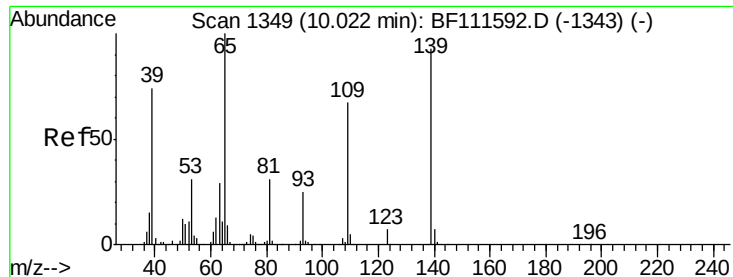
Ion Ratio Lower Upper

168 100

139 75.3 32.6 49.0#

169 132.2 11.8 17.6#

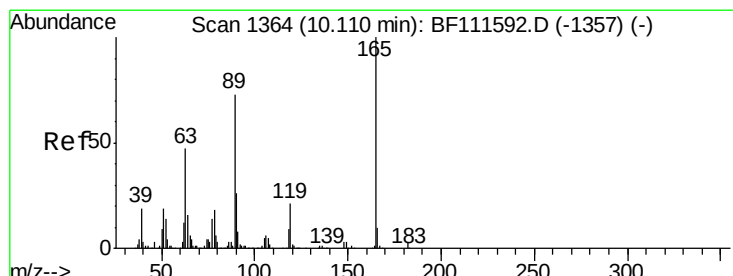
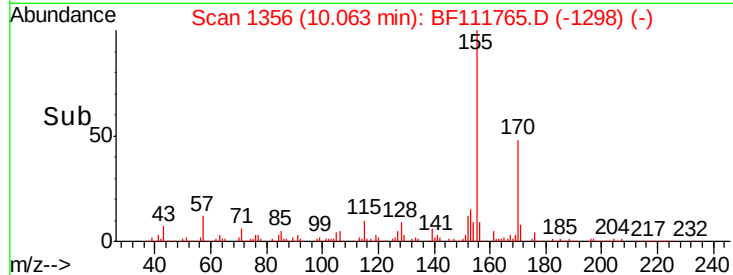
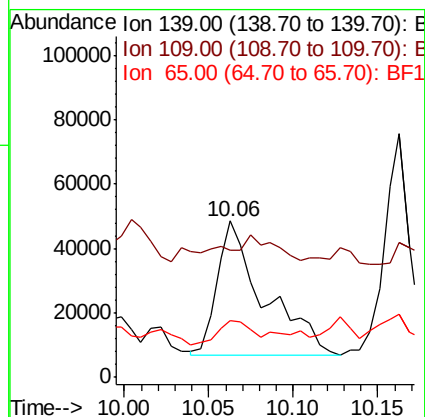
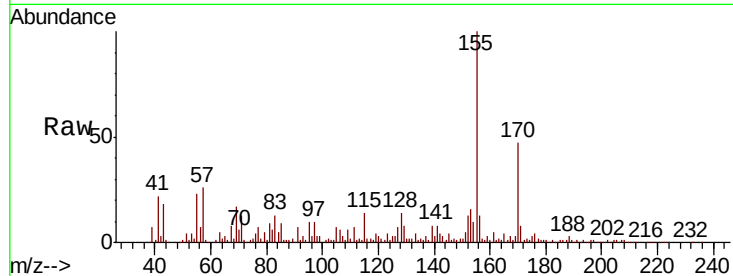




#56
4-Nitrophenol
Concen: 37.389 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

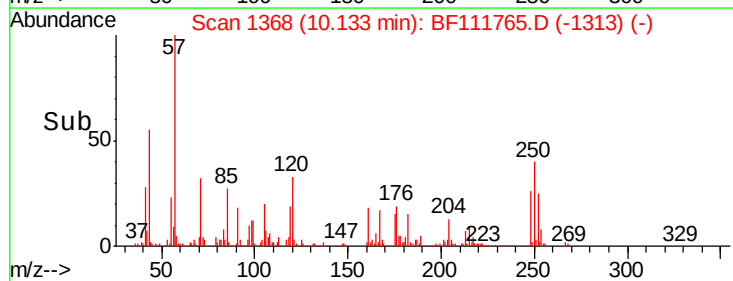
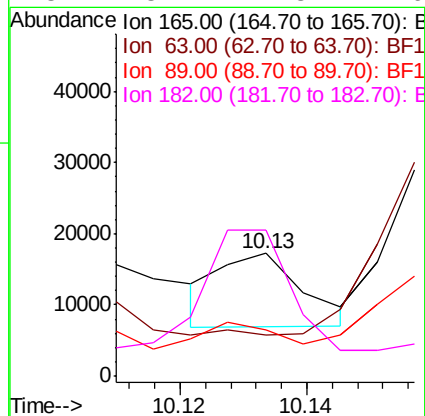
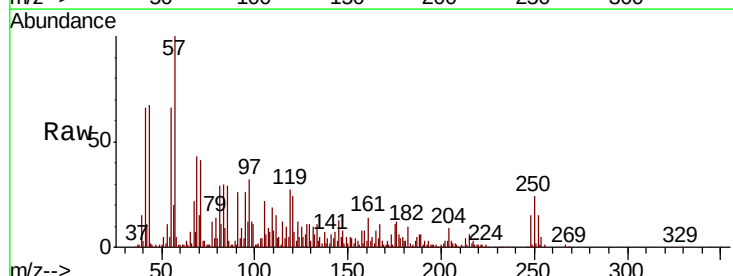
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

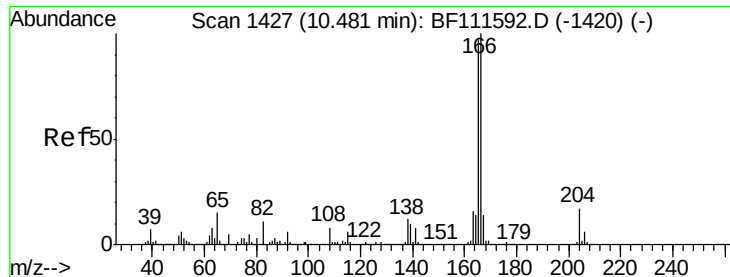
Tgt Ion:139 Resp: 79922
Ion Ratio Lower Upper
139 100
109 81.0 41.8 81.8
65 36.4 79.6 119.6#



#57
2,4-Dinitrotoluene
Concen: 2.948 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Tgt Ion:165 Resp: 9306
Ion Ratio Lower Upper
165 100
63 33.0 34.6 52.0#
89 37.6 56.2 84.4#
182 118.7 1.8 2.6#





#58

Fluorene

Concen: 10.965 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

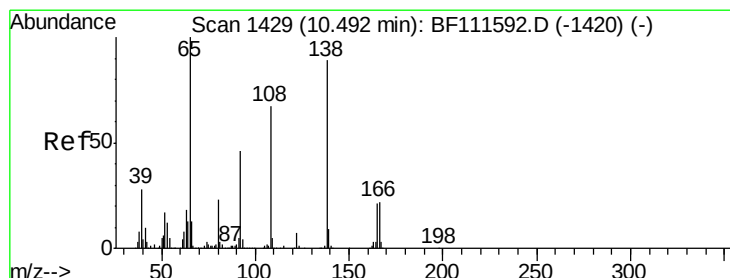
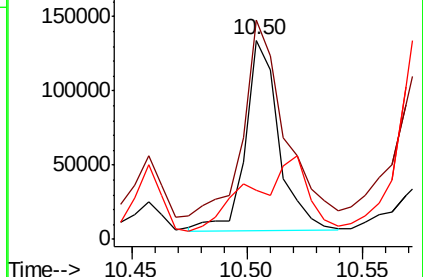
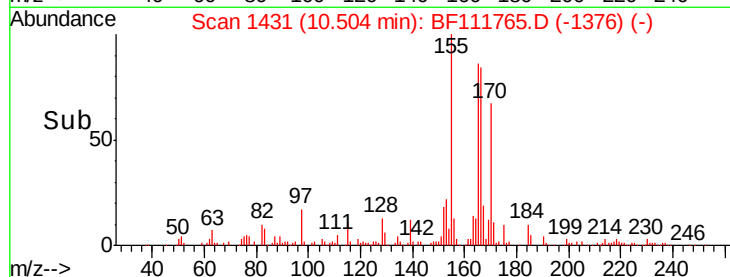
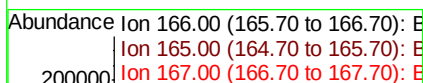
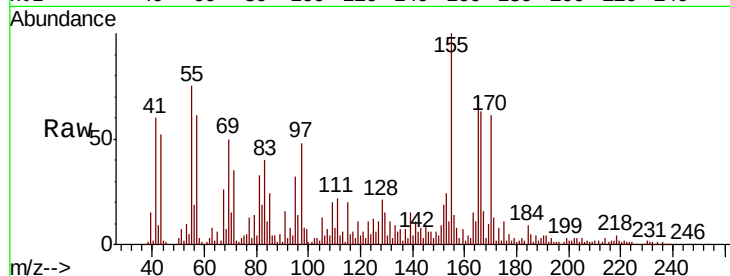
Tgt Ion:166 Resp: 129496

Ion Ratio Lower Upper

166 100

165 109.9 78.4 117.6

167 24.8 11.2 16.8#



#62

4-Nitroaniline

Concen: 4.986 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.08 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

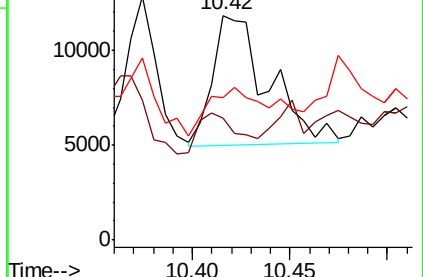
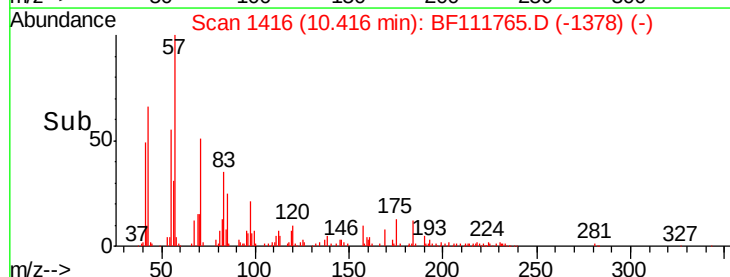
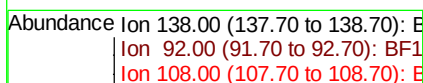
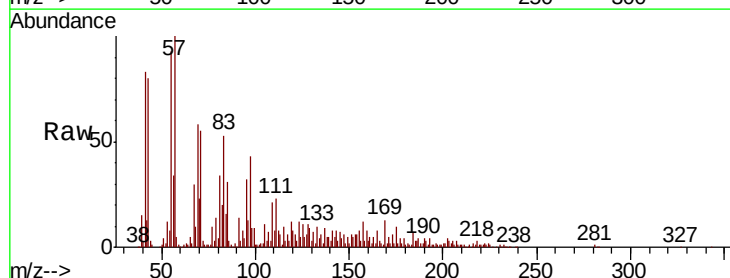
Tgt Ion:138 Resp: 13574

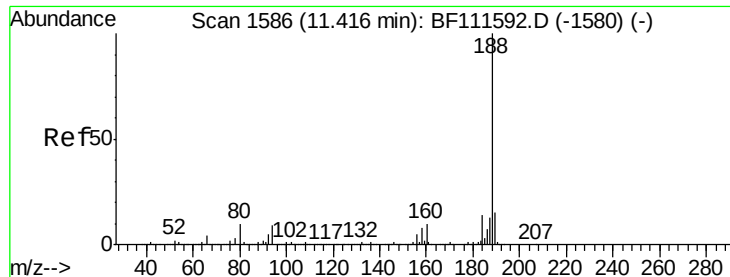
Ion Ratio Lower Upper

138 100

92 54.6 29.9 69.9

108 63.3 43.2 83.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

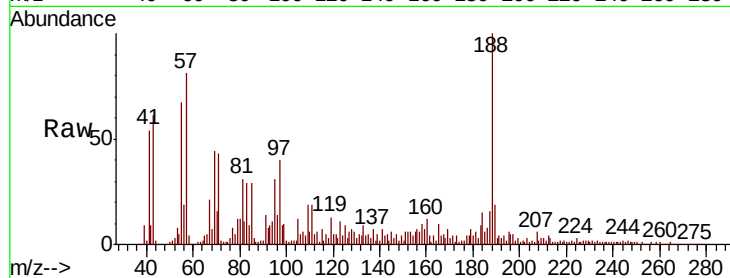
Tgt Ion:188 Resp: 296559

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

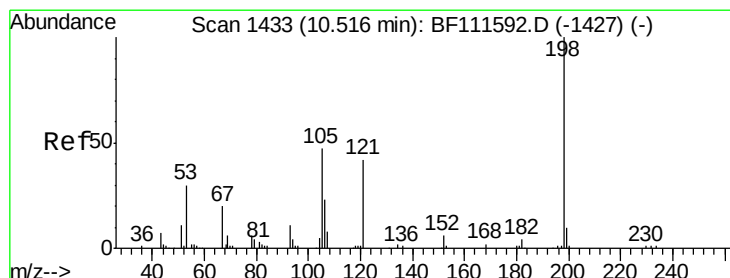
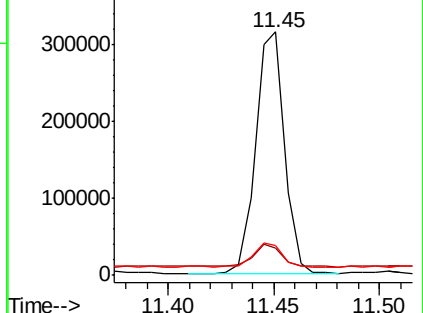
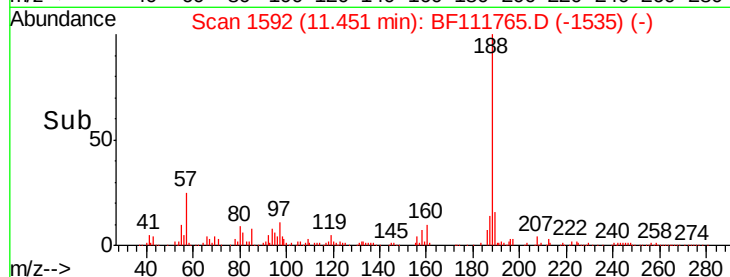
80 12.2 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.565 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

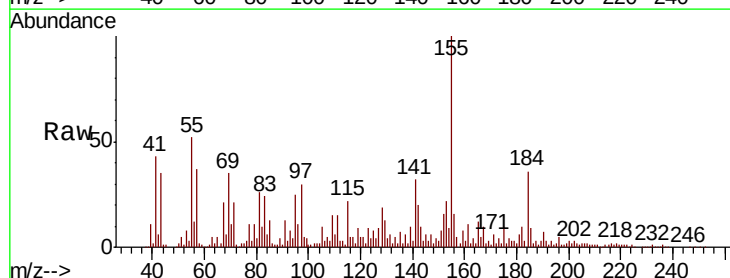
Tgt Ion:198 Resp: 1242

Ion Ratio Lower Upper

198 100

51 467.9 48.0 88.0#

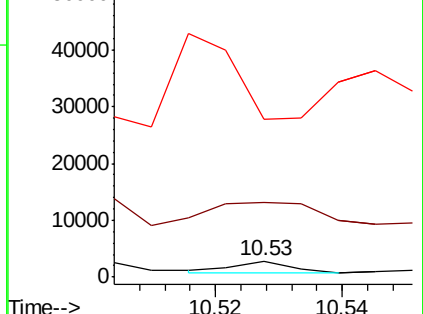
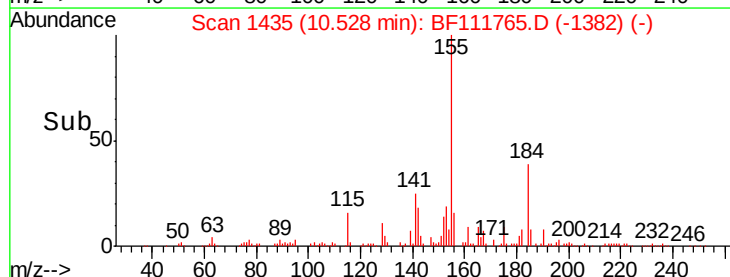
105 983.0 34.0 74.0#

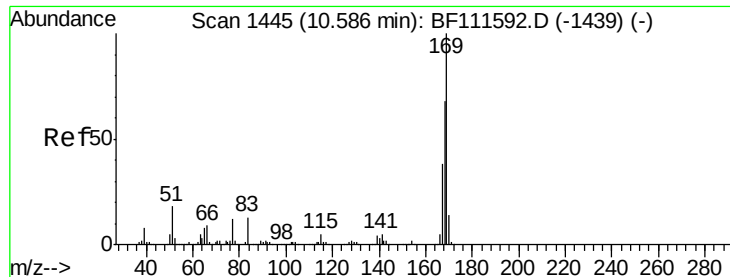


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 22.068 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

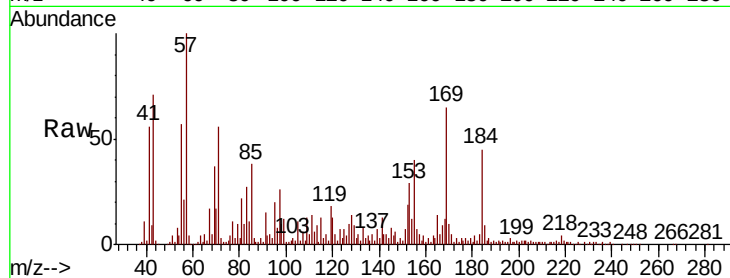
Tgt Ion:169 Resp: 219689

Ion Ratio Lower Upper

169 100

168 18.1 54.4 81.6#

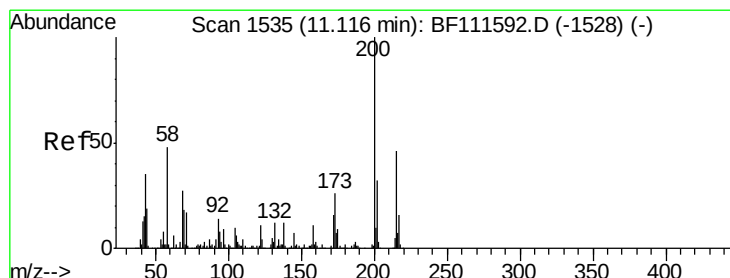
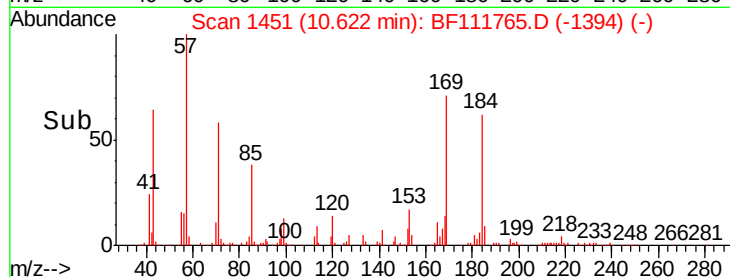
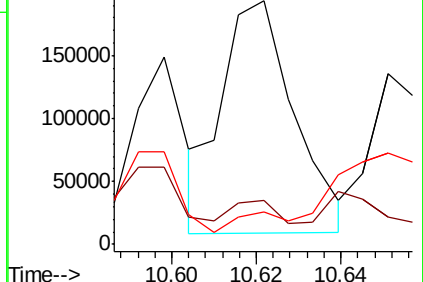
167 13.4 30.5 45.7#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Atrazine

Concen: 3.461 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.03 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

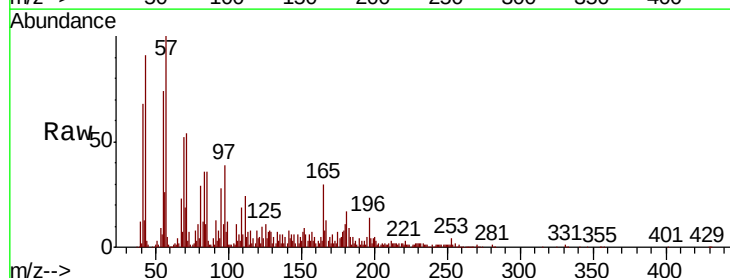
Tgt Ion:200 Resp: 11970

Ion Ratio Lower Upper

200 100

173 76.4 10.1 50.1#

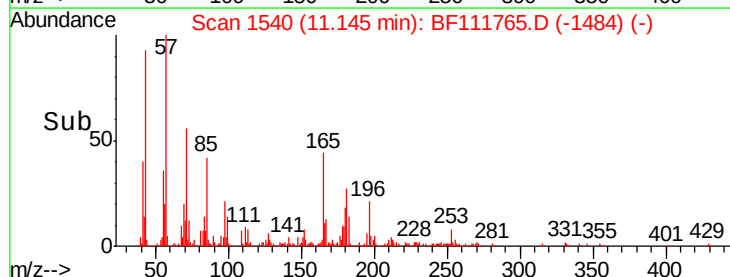
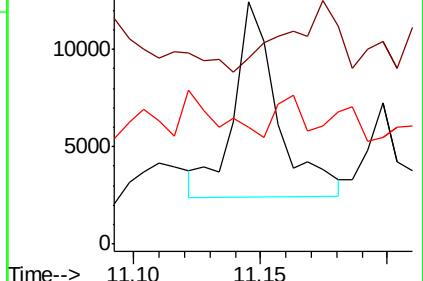
215 48.0 26.9 66.9

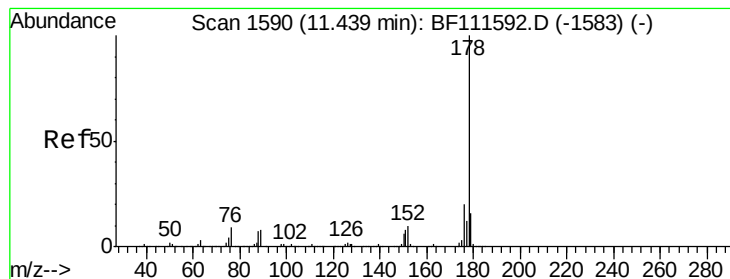


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#71

Phenanthrene

Concen: 33.786 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

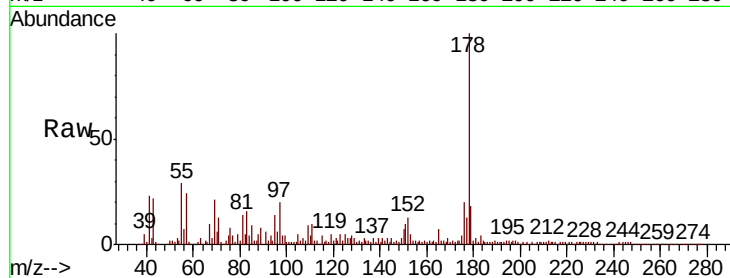
Tgt Ion:178 Resp: 531379

Ion Ratio Lower Upper

178 100

176 19.6 18.1 27.1

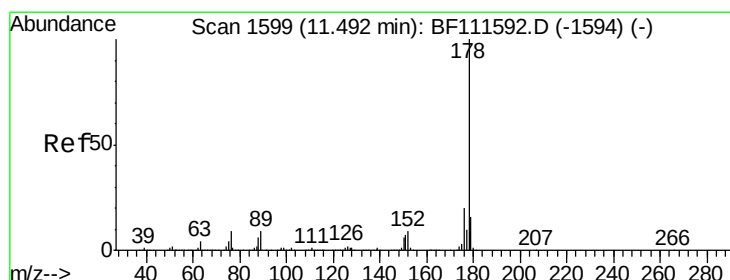
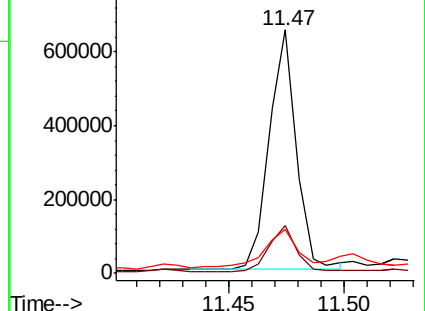
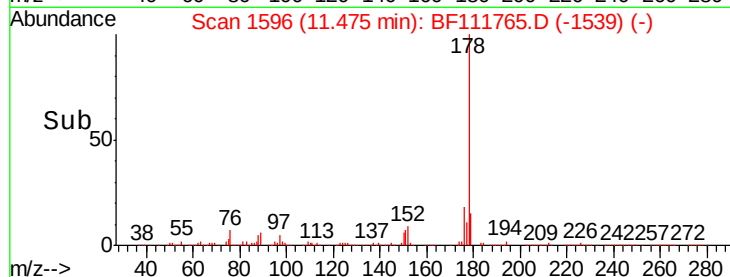
179 18.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.621 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

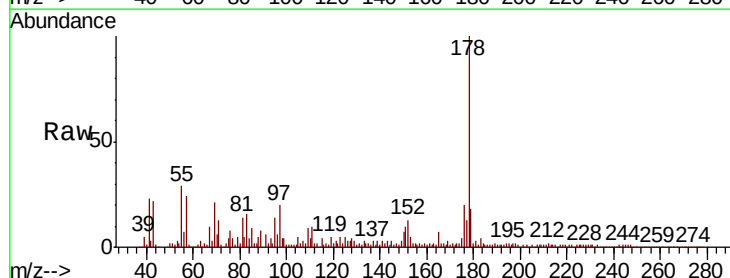
Tgt Ion:178 Resp: 530759

Ion Ratio Lower Upper

178 100

176 19.6 17.2 25.8

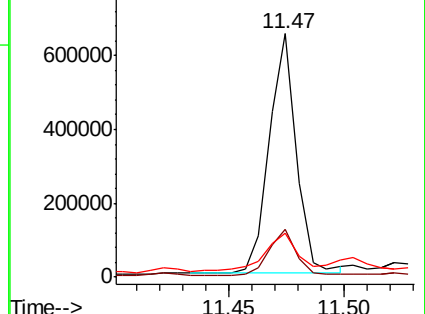
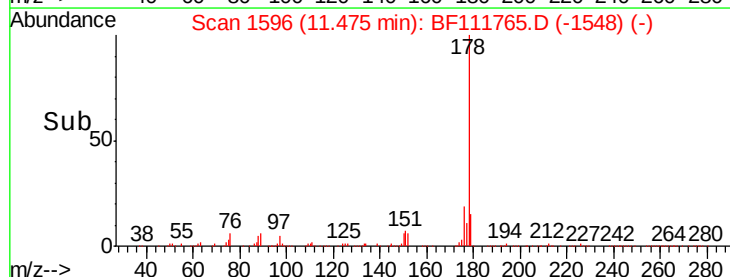
179 18.2 13.8 20.8

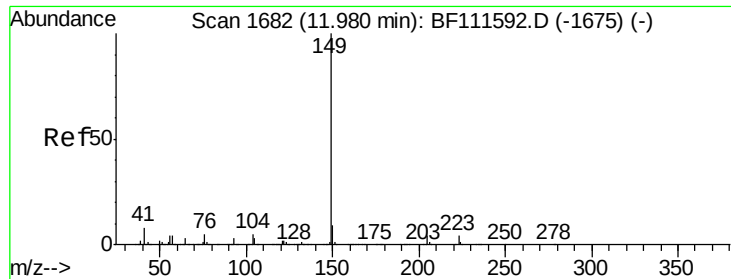


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 2.101 ng

RT: 12.00 min Scan# 1685

Delta R.T. 0.02 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

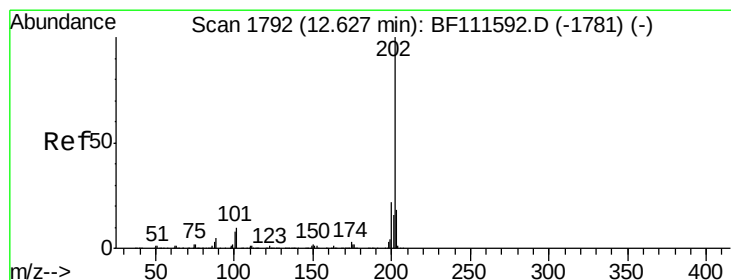
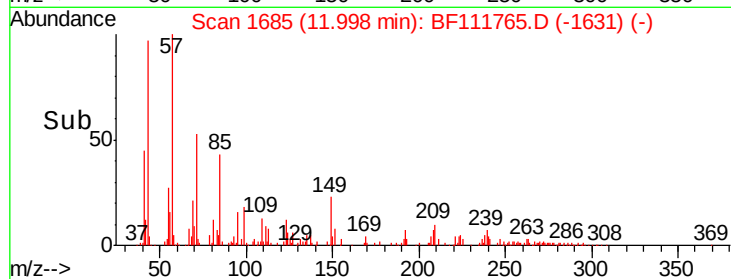
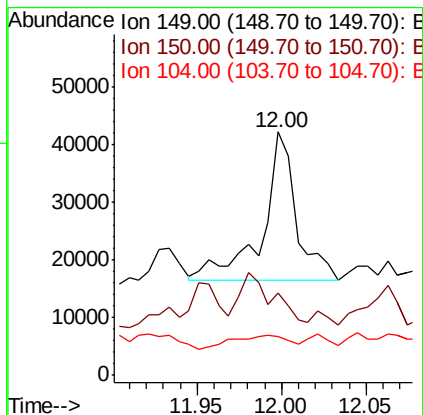
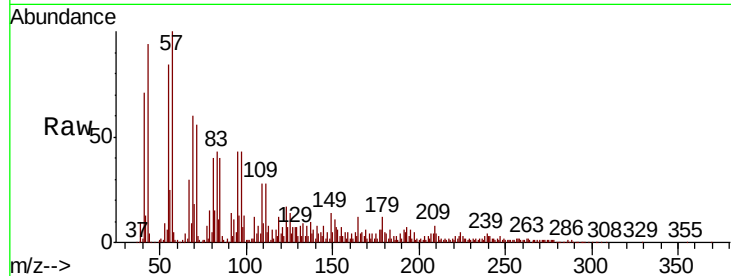
Tgt Ion:149 Resp: 36097

Ion Ratio Lower Upper

149 100

150 33.9 8.8 13.2#

104 15.8 4.5 6.7#



#75

Fluoranthene

Concen: 5.573 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.27 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

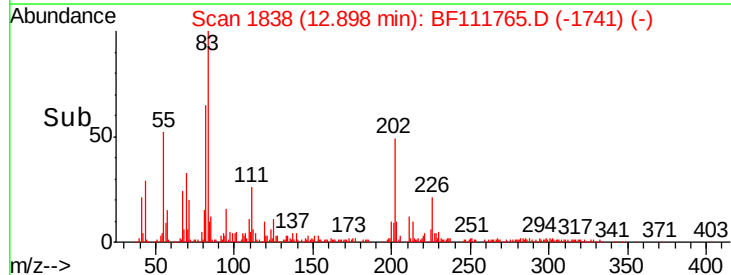
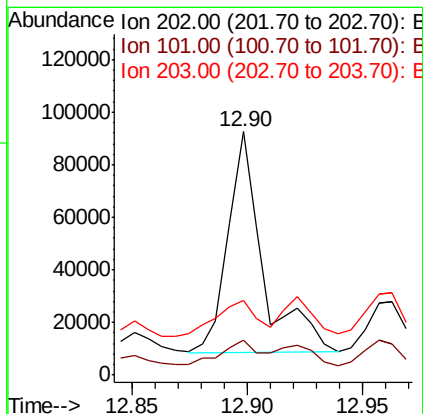
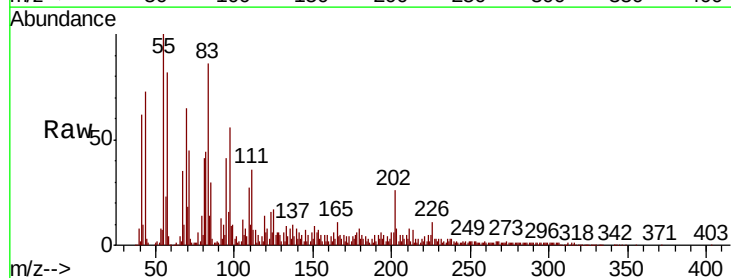
Tgt Ion:202 Resp: 88761

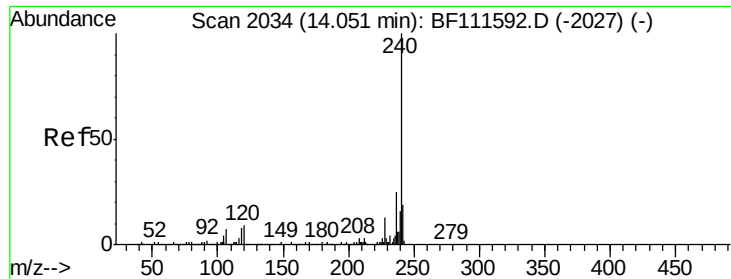
Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.8

203 30.8 0.0 38.6

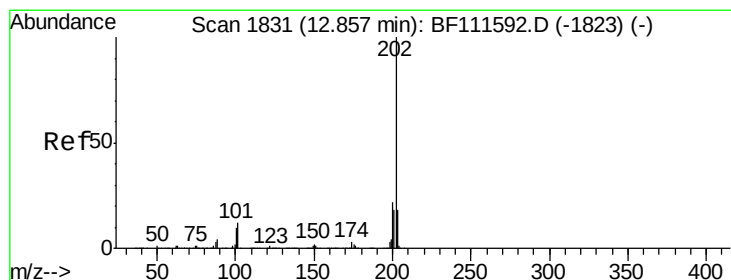
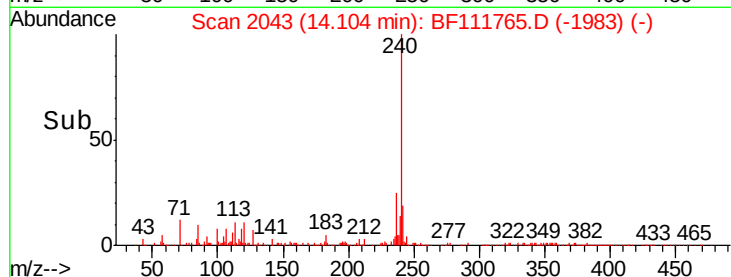
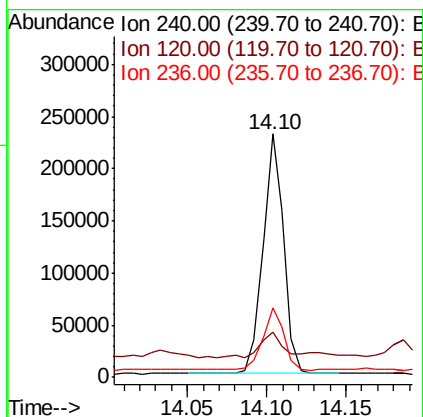
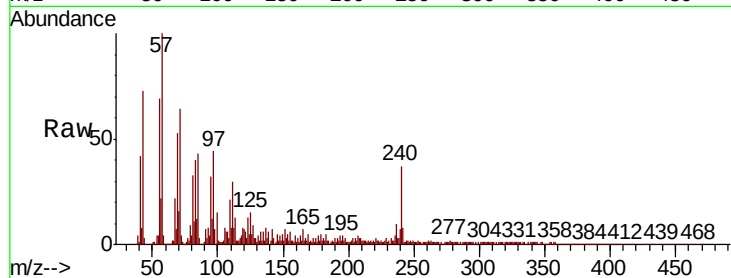




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.05 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

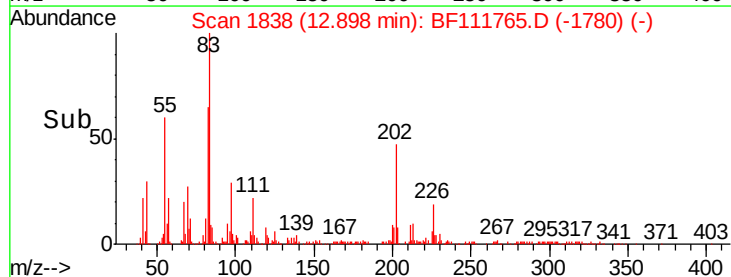
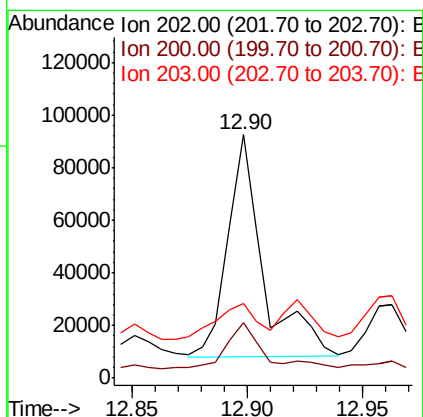
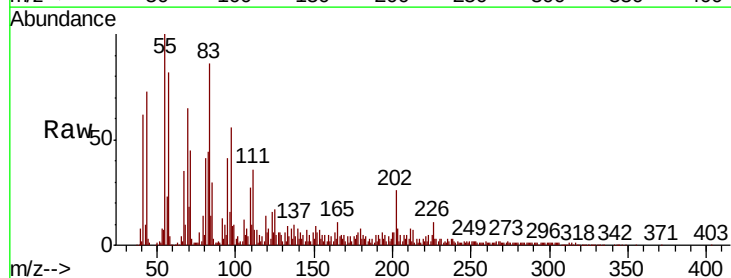
Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

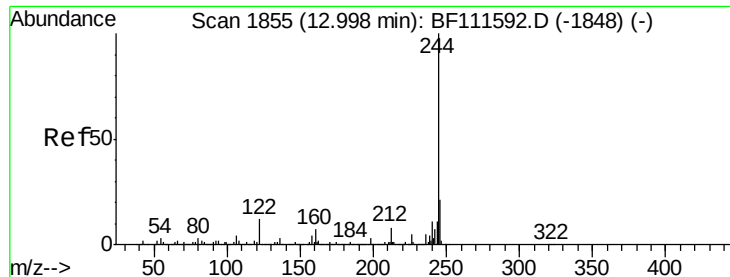
Tgt Ion:240 Resp: 208895
Ion Ratio Lower Upper
240 100
120 18.7 12.2 18.2#
236 28.3 20.2 30.2



#78
Pyrene
Concen: 6.124 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.04 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Tgt Ion:202 Resp: 90341
Ion Ratio Lower Upper
202 100
200 22.7 19.0 28.4
203 30.8 15.2 22.8#





#79

Terphenyl-d14

Concen: 85.501 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

Instrument :

BNA_F

ClientSampleId :

P001-SS013C-3036-01

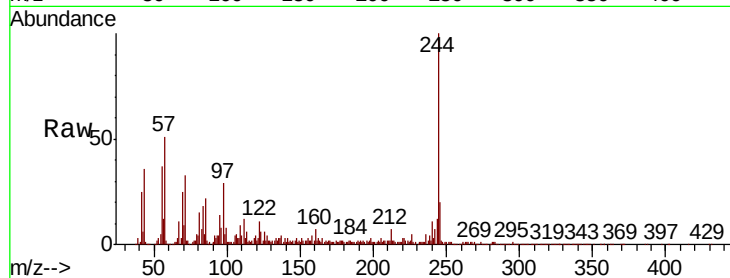
Tgt Ion:244 Resp: 941817

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

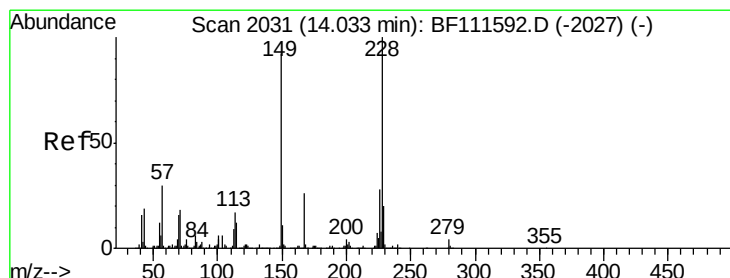
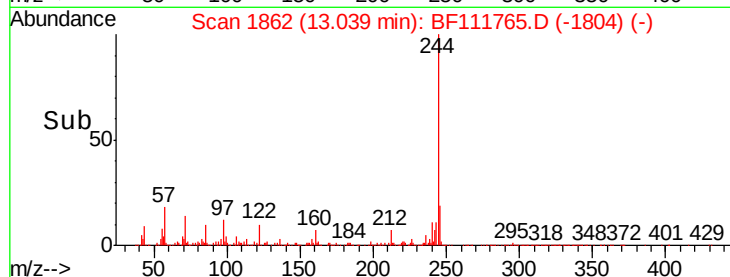
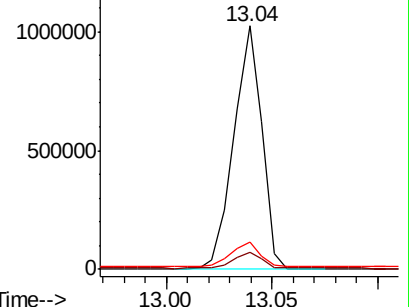
122 11.2 13.1 19.7#



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

Bis(2-ethylhexyl)phthalate

Concen: 5.687 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF111765.D

Acq: 27 Dec 2018 16:30

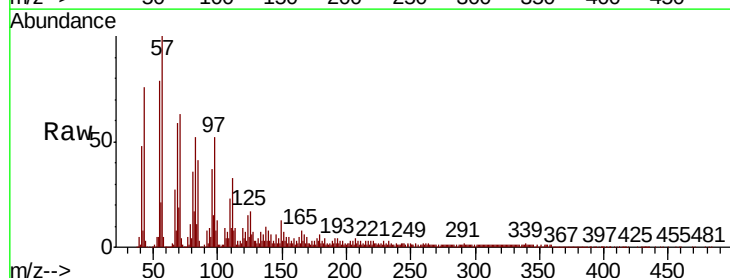
Tgt Ion:149 Resp: 43078

Ion Ratio Lower Upper

149 100

167 46.9 22.5 33.7#

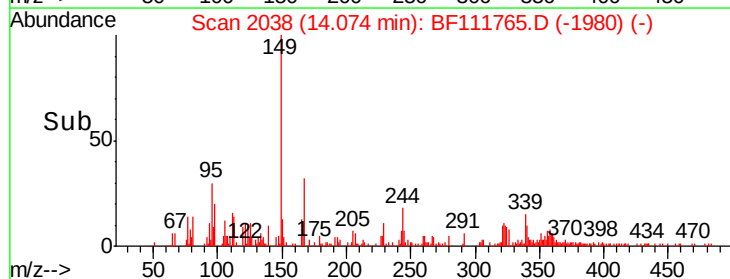
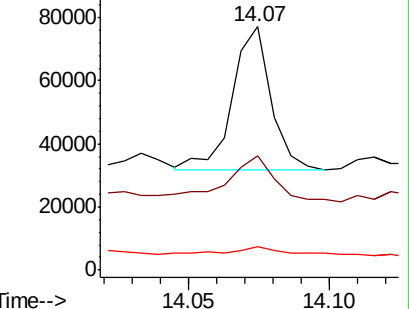
279 9.7 2.6 4.0#

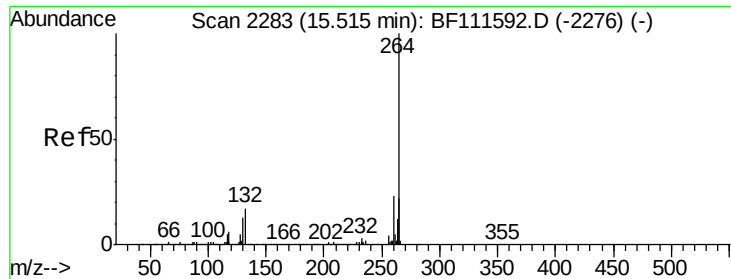


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

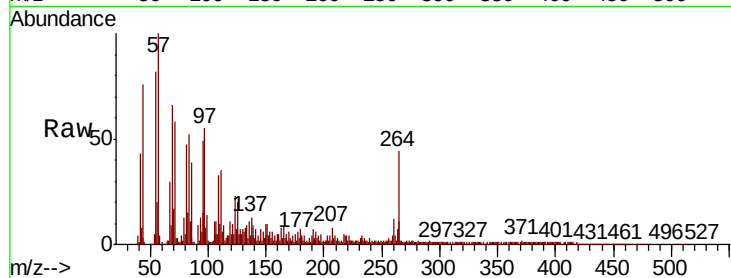




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.11 min
Lab File: BF111765.D
Acq: 27 Dec 2018 16:30

Instrument :
BNA_F
ClientSampleId :
P001-SS013C-3036-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.3	27.5
265	24.6	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

