

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109664.D
 Acq On : 8 Oct 2018 22:53
 Operator : JU/SJ
 Sample : J5304-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

Quant Time: Oct 09 04:06:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100189	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	395101	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	164742	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	275556	20.00	ng	0.00
75) Chrysene-d12	13.83	240	221493	20.00	ng	0.00
86) Perylene-d12	15.22	264	190453	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	226277	40.09	ng	0.00
7) Phenol-d6	6.35	99	205738	27.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	488904	68.21	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	152113	84.74	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	859237	71.83	ng	0.00
78) Terphenyl-d14	12.78	244	649387	56.76	ng	0.00

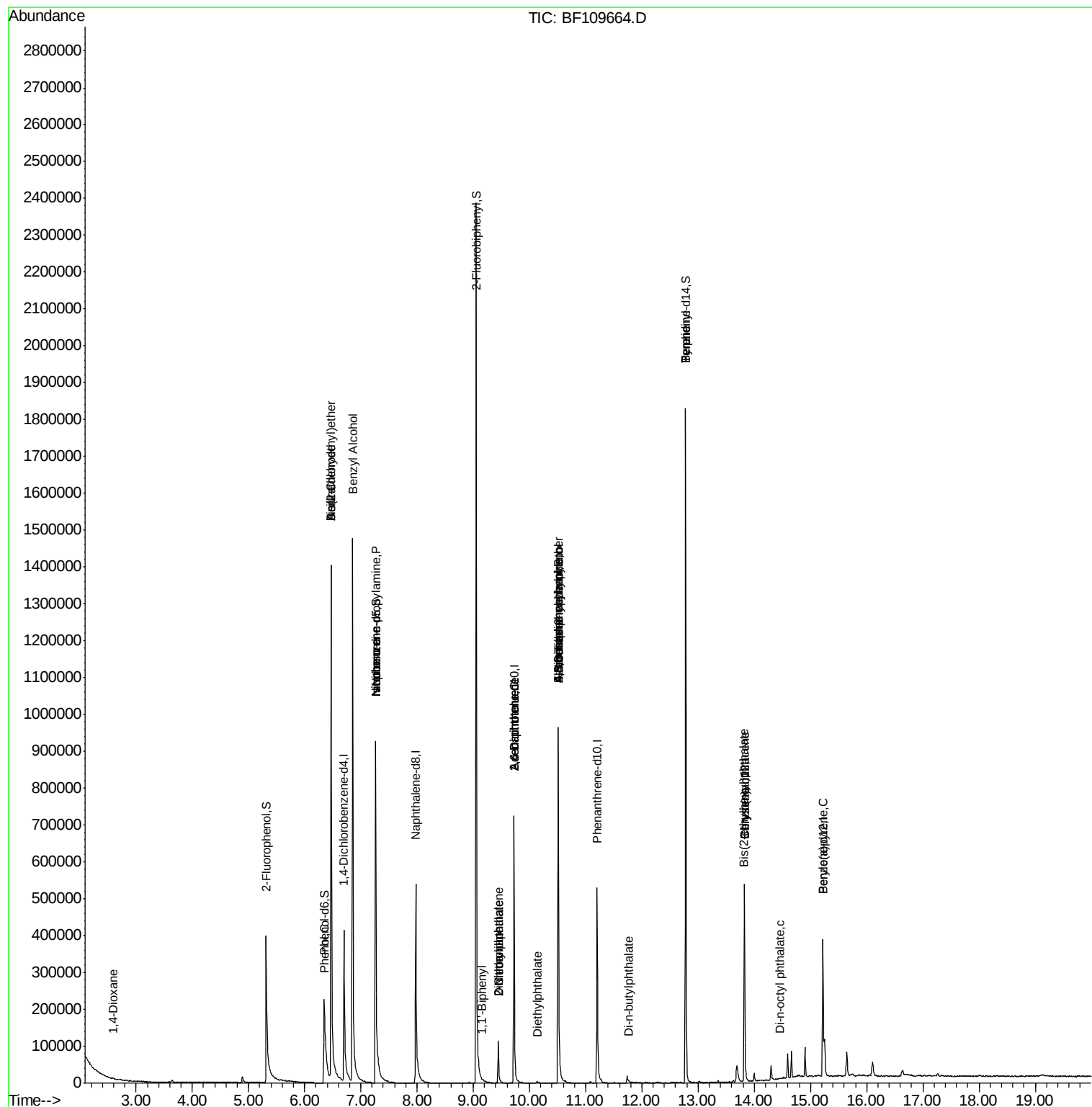
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	749	0.253	ng	# 49
6) Aniline	6.47	93	359	0.041	ng	# 1
9) Benzaldehyde	6.47	77	11234	2.315	ng	# 73
10) Phenol	6.36	94	20567	2.379	ng	# 91
11) bis(2-Chloroethyl)ether	6.47	93	359	0.050	ng	# 1
15) Benzyl Alcohol	6.85	79	7657	1.370	ng	# 54
19) n-Nitroso-di-n-propylamine	7.26	70	62717	11.861	ng	# 77
24) Nitrobenzene	7.26	77	1116	0.150	ng	# 40
25) Isophorone	7.26	82	488904	41.077	ng	# 67
45) 1,1'-Biphenyl	9.16	154	932	0.063	ng	# 68
46) 2-Chloronaphthalene	9.45	162	258	0.023	ng	# 1
47) 2-Nitroaniline	9.45	65	514	0.154	ng	# 1
49) Dimethylphthalate	9.45	163	66501	5.504	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	21030	8.030	ng	# 22
51) Acenaphthene	9.72	154	368	0.039	ng	# 4
56) 2,4-Dinitrotoluene	9.72	165	21142	6.469	ng	# 18
57) Fluorene	10.51	166	6128	0.574	ng	# 84
59) Diethylphthalate	10.15	149	2030	0.170	ng	# 81
62) Azobenzene	10.51	77	545	0.045	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	121	0.090	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	4699	0.503	ng	# 48
66) 4-Bromophenyl-phenylether	10.51	248	9053	2.859	ng	# 1
73) Di-n-butylphthalate	11.77	149	2268	0.141	ng	# 77
76) Benzinidine	12.78	184	8747	1.063	ng	# 91
77) Pyrene	12.78	202	1882	0.116	ng	# 68
80) Benzo(a)anthracene	13.83	228	367	0.030	ng	# 51
82) Chrysene	13.83	228	367	0.029	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.82	149	2939	0.342	ng	# 87
84) Di-n-octyl phthalate	14.46	149	384	0.028	ng	# 76
89) Benzo(a)pyrene	15.22	252	409	0.043	ng	# 59

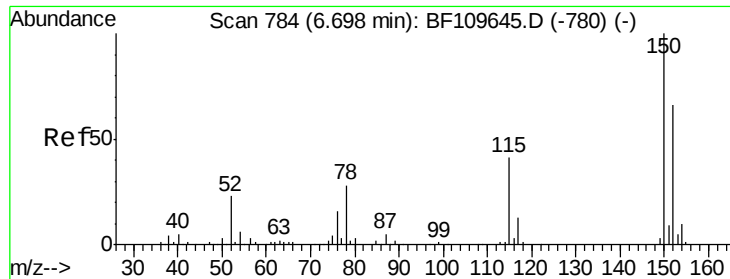
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

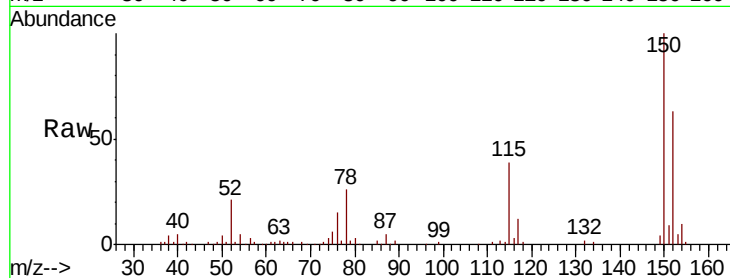
Tgt Ion:152 Resp: 100189

Ion Ratio Lower Upper

152 100

150 158.8 122.7 184.1

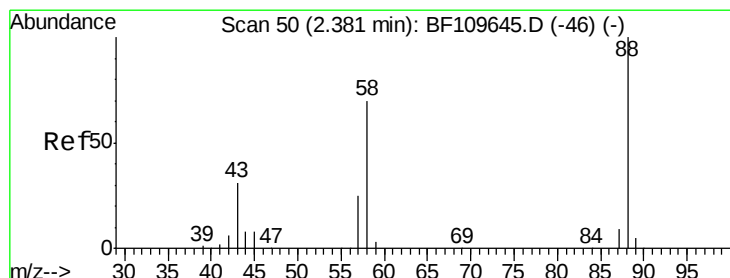
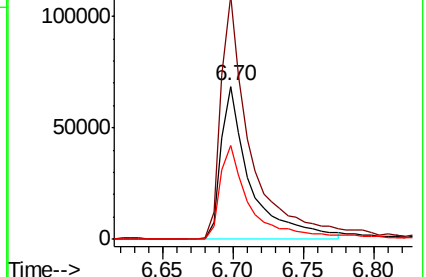
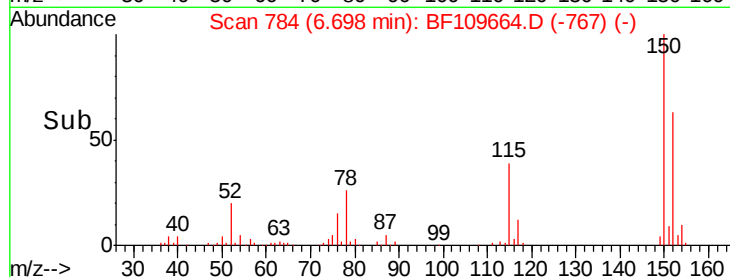
115 61.2 49.1 73.7



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



#2

1,4-Dioxane

Concen: 0.253 ng

RT: 2.59 min Scan# 86

Delta R.T. 0.21 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

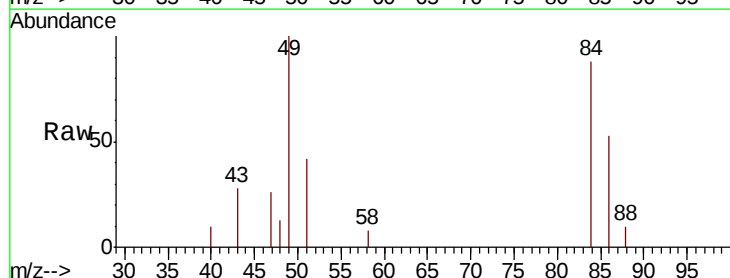
Tgt Ion: 88 Resp: 749

Ion Ratio Lower Upper

88 100

58 14.6 57.1 85.7#

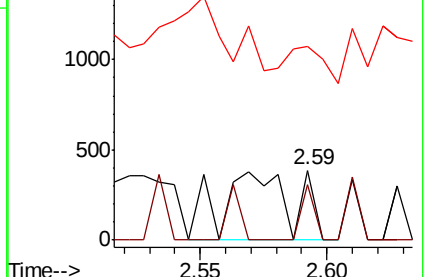
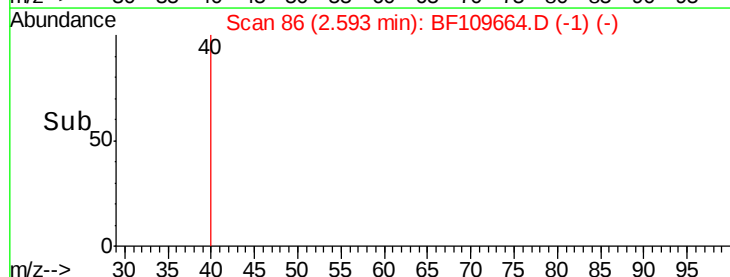
43 24.7 24.1 36.1

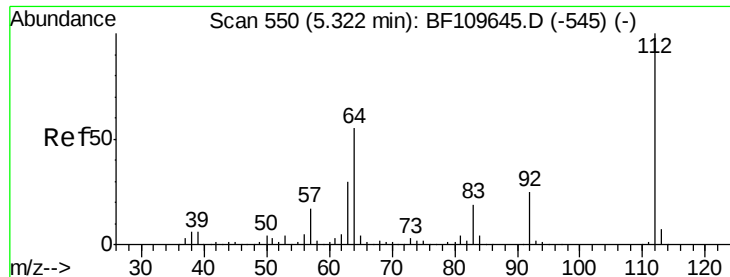


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 40.089 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

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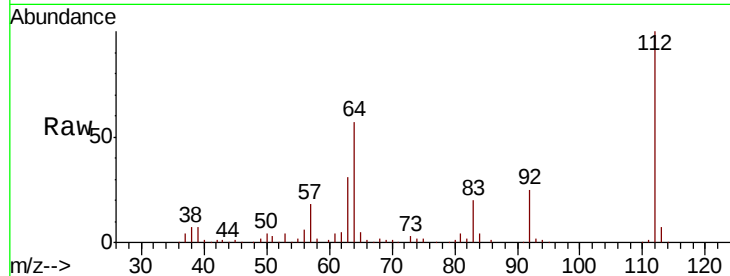
Tgt Ion: 112 Resp: 226277

Ion Ratio Lower Upper

112 100

64 57.0 44.1 66.1

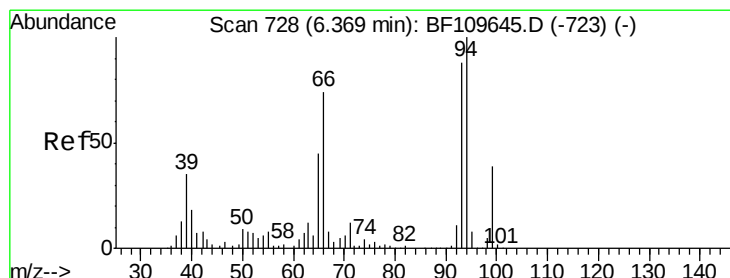
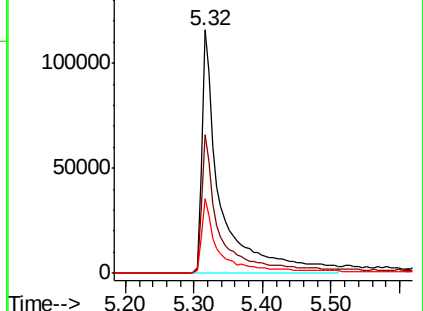
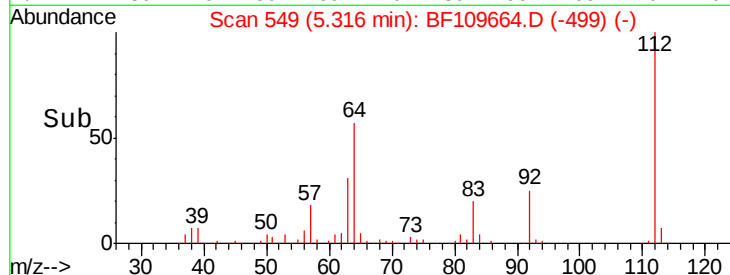
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.041 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.10 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

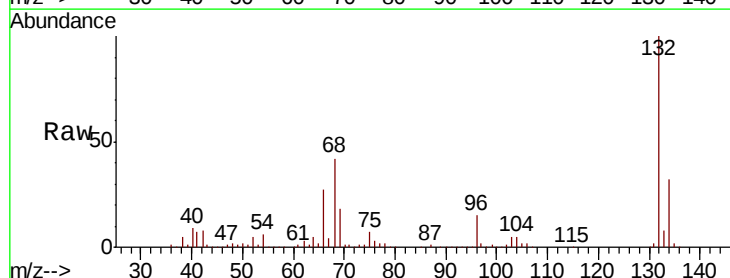
Tgt Ion: 93 Resp: 359

Ion Ratio Lower Upper

93 100

66 15784.3 67.4 101.0#

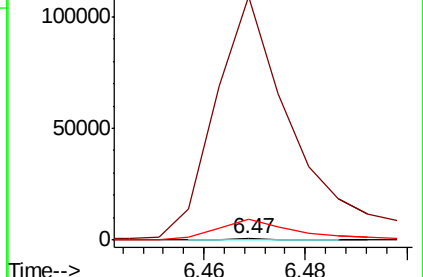
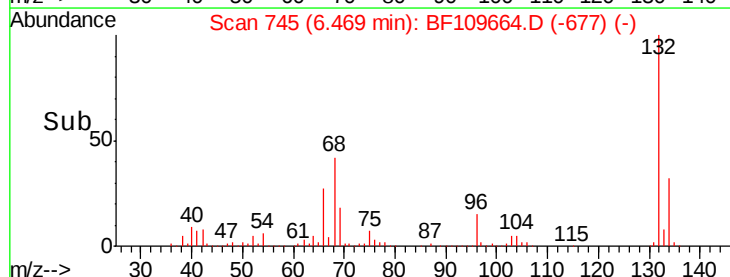
65 1377.2 41.0 61.4#

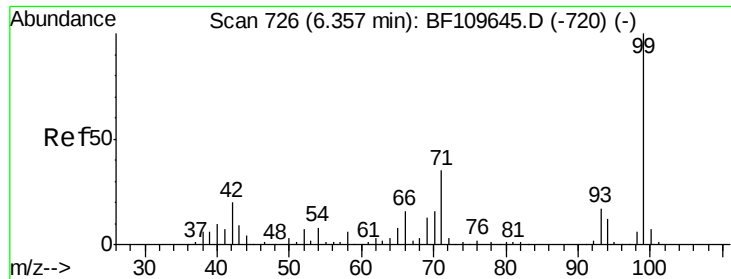


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 27.285 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

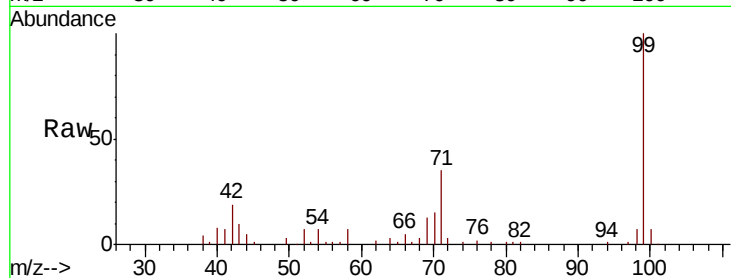
Tgt Ion: 99 Resp: 205738

Ion Ratio Lower Upper

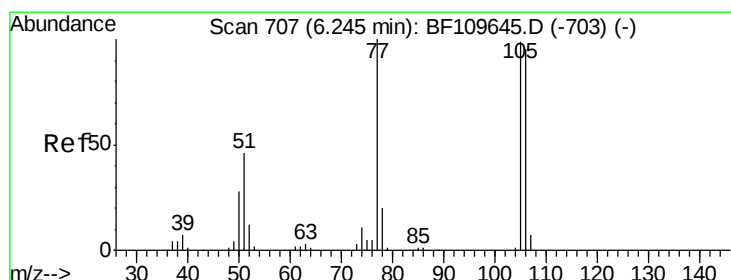
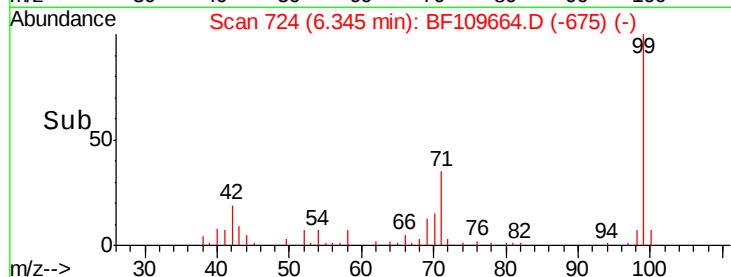
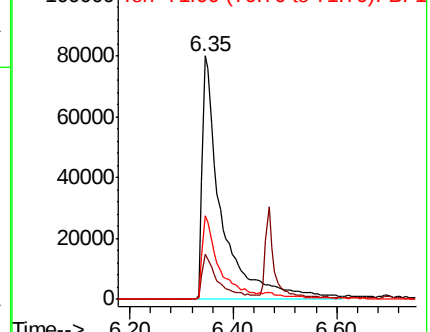
99 100

42 18.8 15.8 23.6

71 34.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.315 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

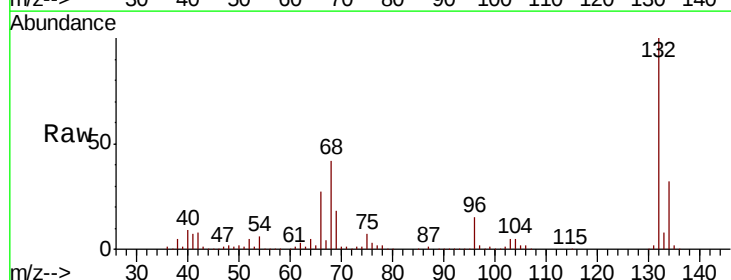
Tgt Ion: 77 Resp: 11234

Ion Ratio Lower Upper

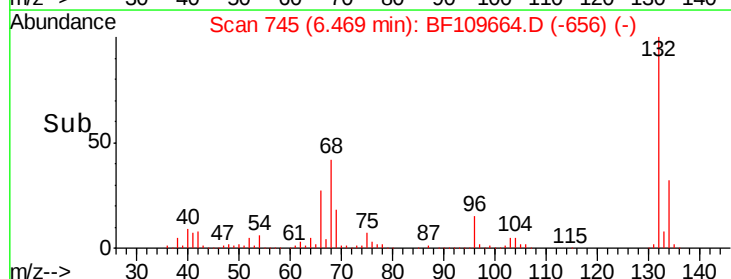
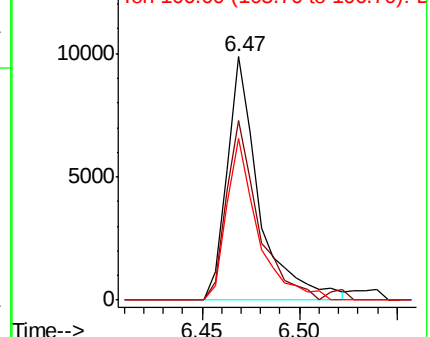
77 100

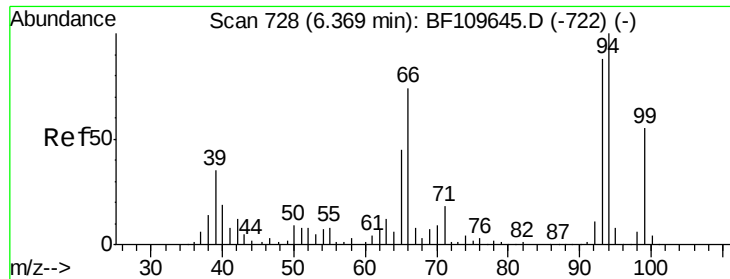
105 73.9 78.6 118.6#

106 66.2 74.8 114.8#



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: 2.379 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

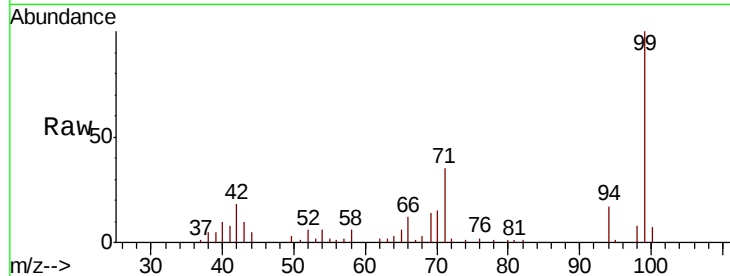
Tgt Ion: 94 Resp: 20567

Ion Ratio Lower Upper

94 100

65 33.5 25.3 65.3

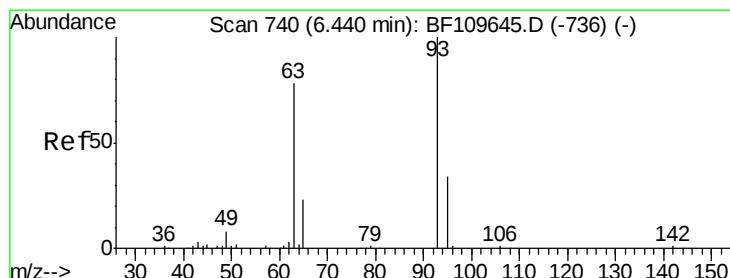
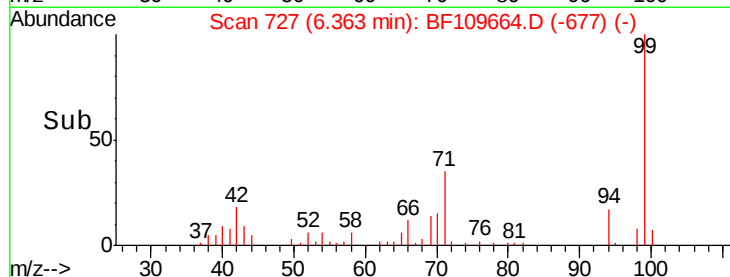
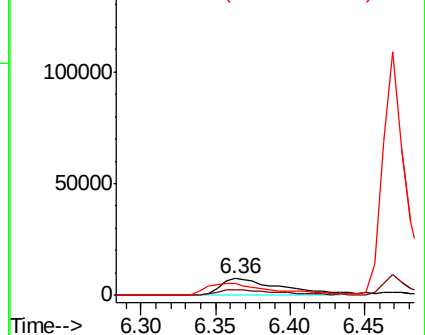
66 70.9 54.5 94.5



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



#11

bis(2-Chloroethyl)ether

Concen: 0.050 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.03 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

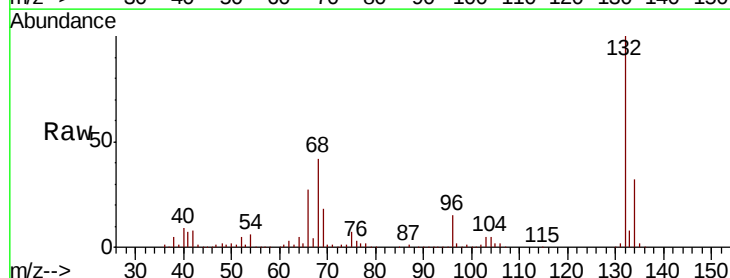
Tgt Ion: 93 Resp: 359

Ion Ratio Lower Upper

93 100

63 634.2 53.4 93.4#

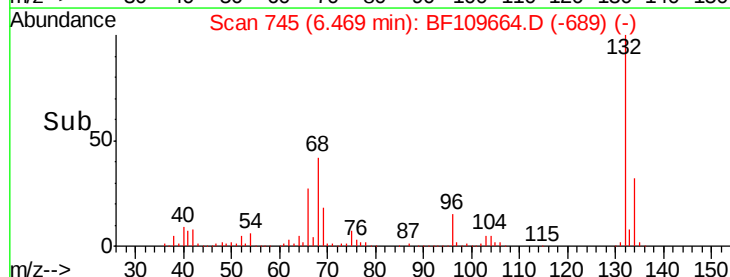
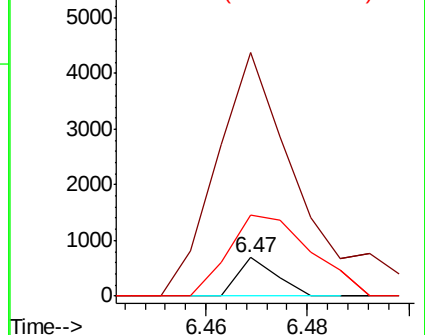
95 211.3 12.1 52.1#

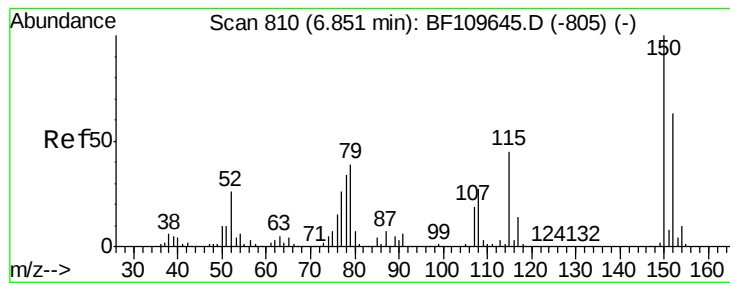


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.370 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

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BNA_F

ClientSampleId :

CA-AQIDW-20181004

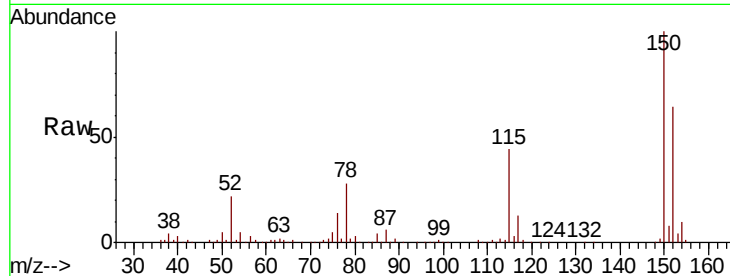
Tgt Ion: 79 Resp: 7657

Ion Ratio Lower Upper

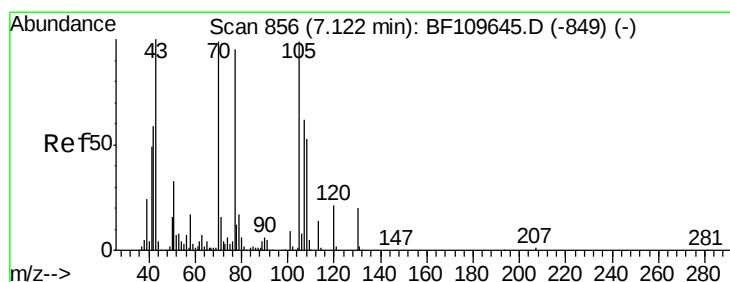
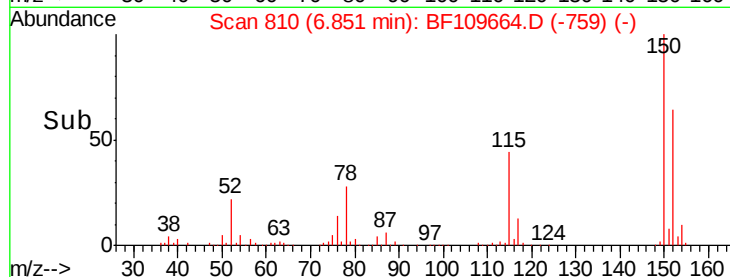
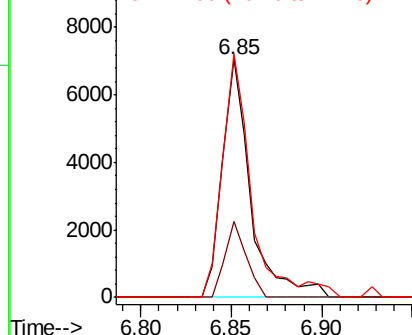
79 100

108 31.8 56.3 84.5#

77 102.3 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.861 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Tgt Ion: 70 Resp: 62717

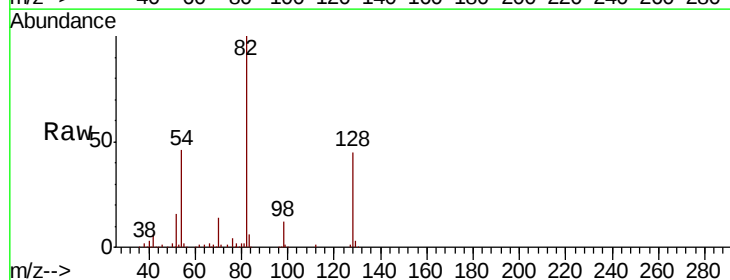
Ion Ratio Lower Upper

70 100

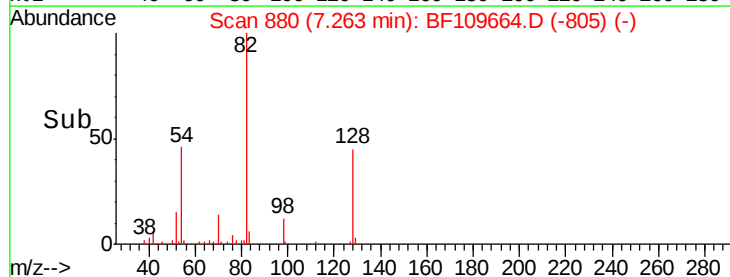
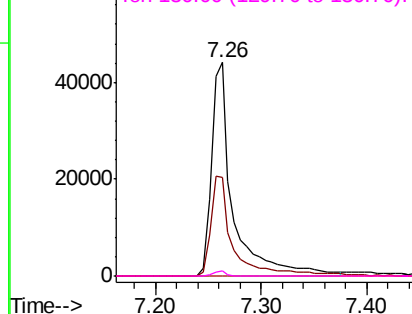
42 46.3 47.4 71.2#

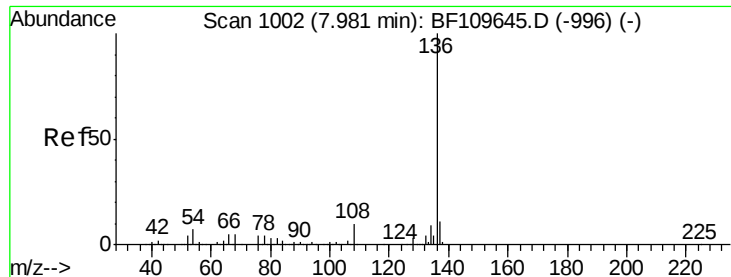
101 0.0 7.3 10.9#

130 2.7 16.2 24.2#



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): E
Ion 130.00 (129.70 to 130.70): E

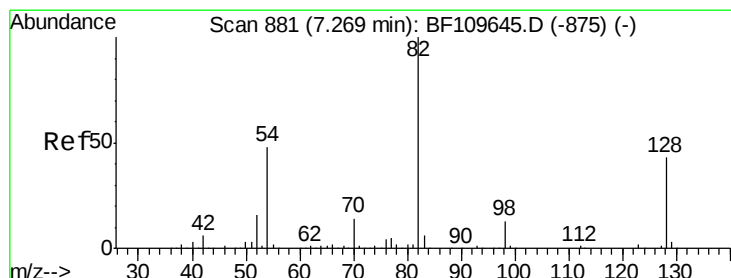
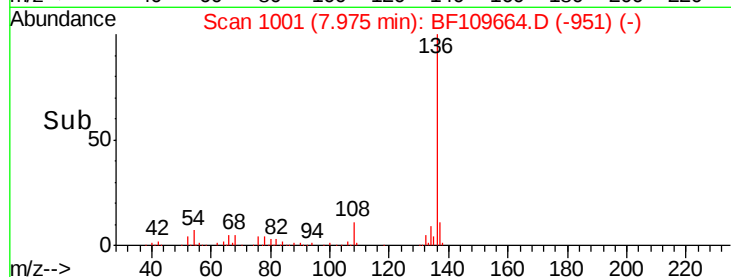
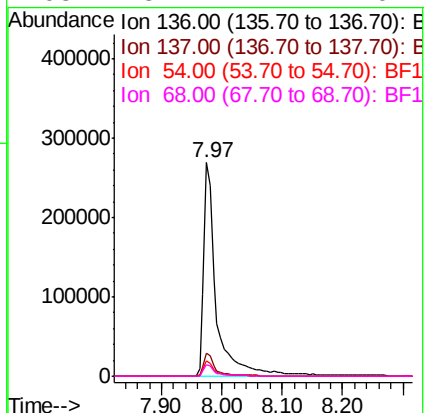
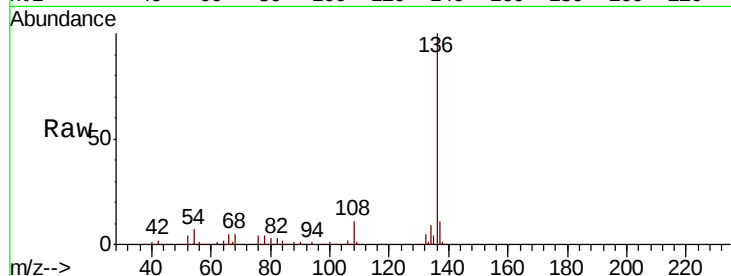




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

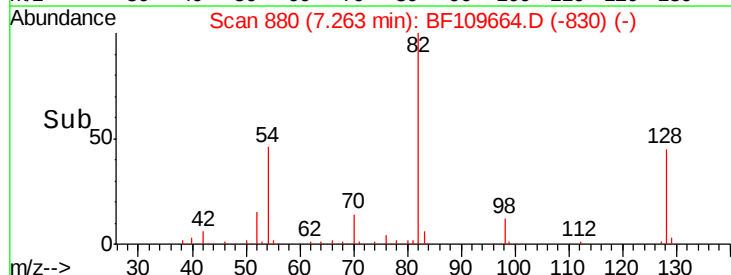
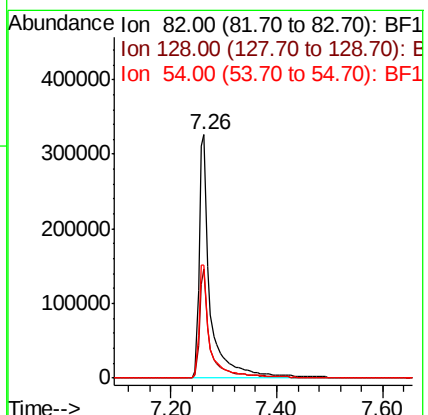
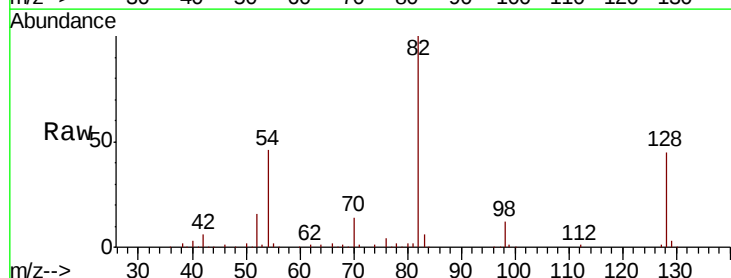
Instrument :
BNA_F
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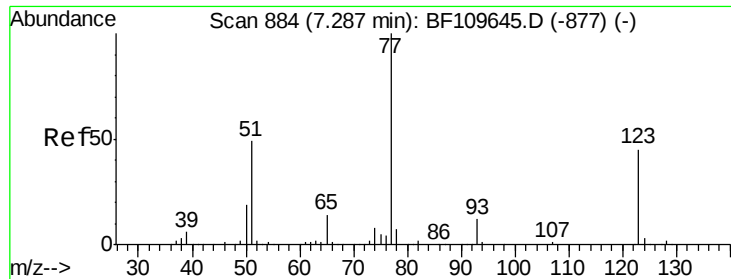
Tgt Ion:	136	Resp:	395101
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	5.4	8.2
68	5.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 68.211 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Tgt Ion:	82	Resp:	488904
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	46.5	38.6	58.0





#24

Nitrobenzene

Concen: 0.150 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

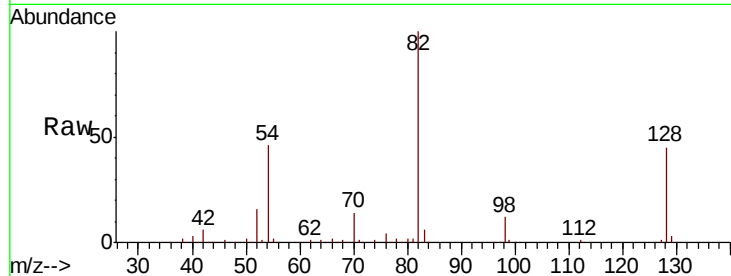
Tgt Ion: 77 Resp: 1116

Ion Ratio Lower Upper

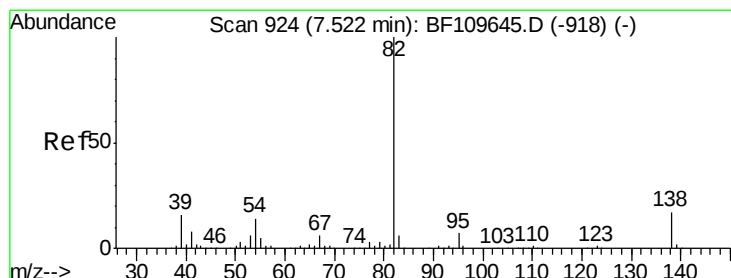
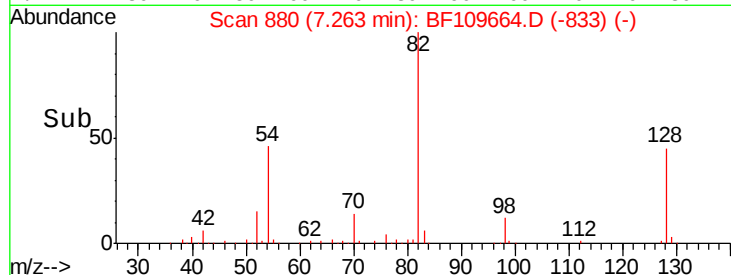
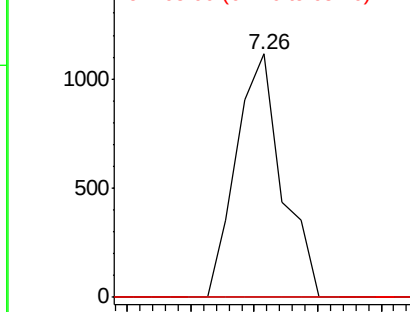
77 100

123 0.0 35.7 53.5#

65 0.0 10.7 16.1#



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: 41.077 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

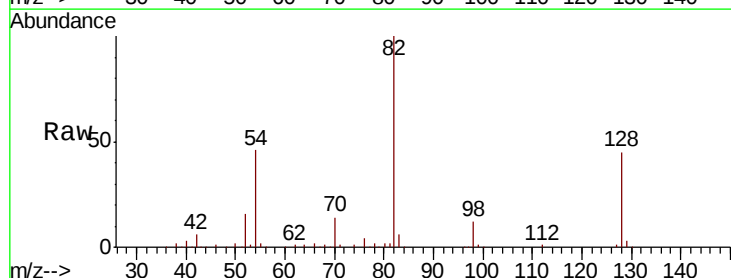
Tgt Ion: 82 Resp: 488904

Ion Ratio Lower Upper

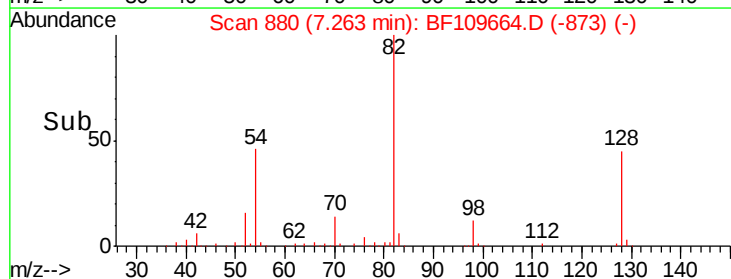
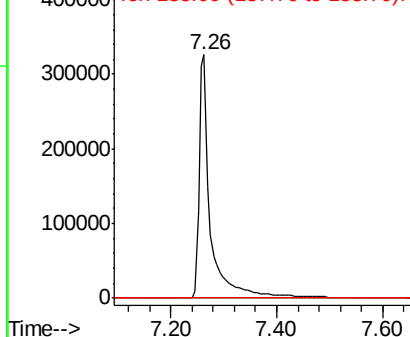
82 100

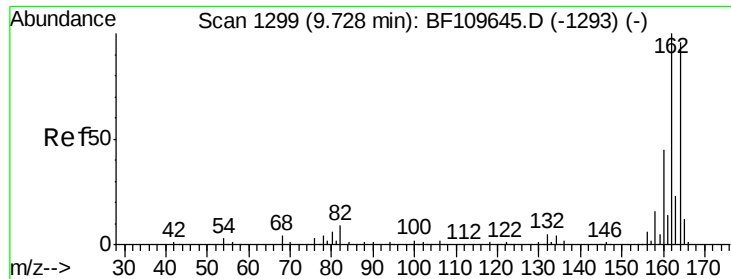
95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

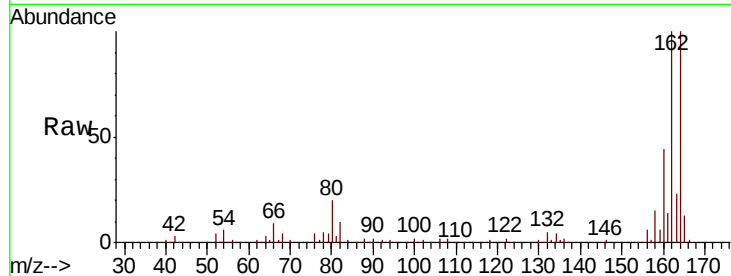




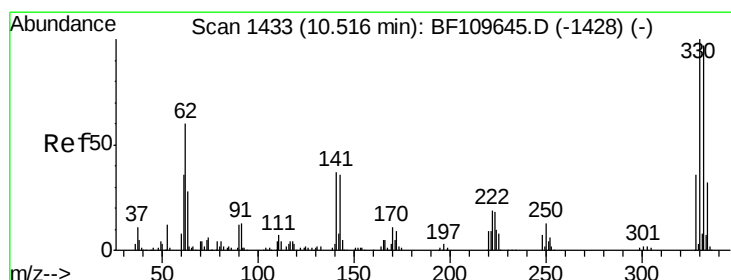
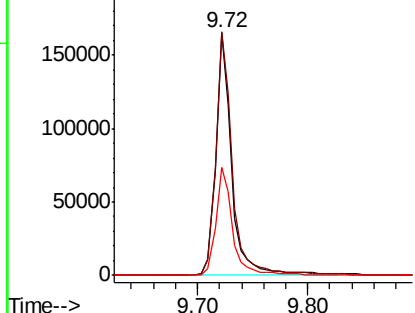
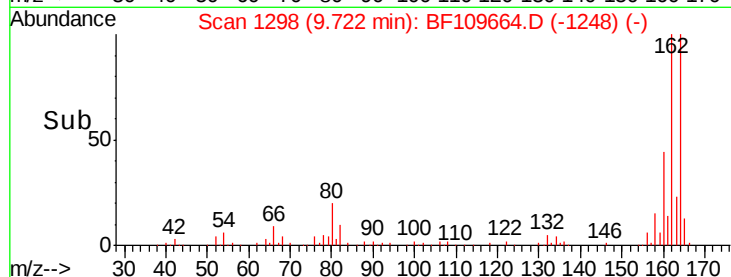
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

Tgt Ion:164 Resp: 164742
 Ion Ratio Lower Upper
 164 100
 162 100.3 83.0 124.6
 160 44.5 37.0 55.6

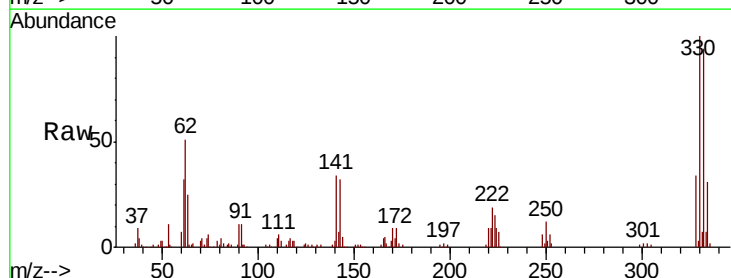


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

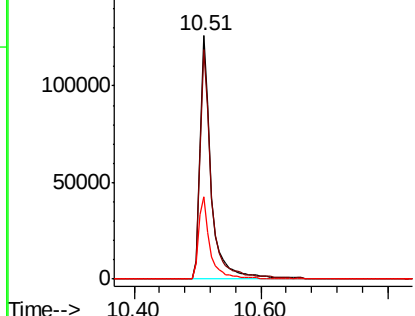
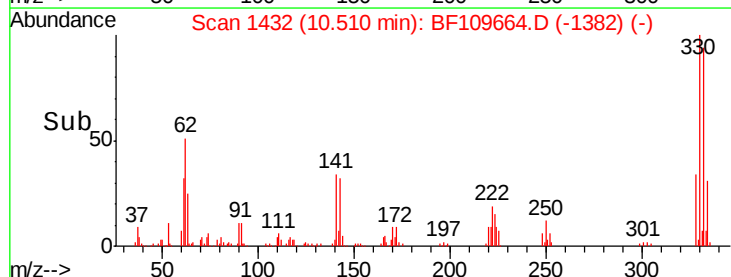


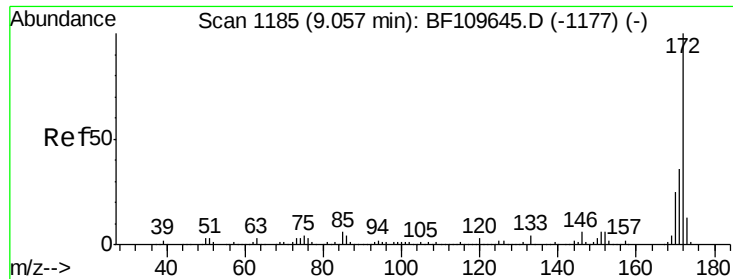
#41
 2,4,6-Tribromophenol
 Concen: 84.741 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Tgt Ion:330 Resp: 152113
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 34.0 27.0 40.4



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

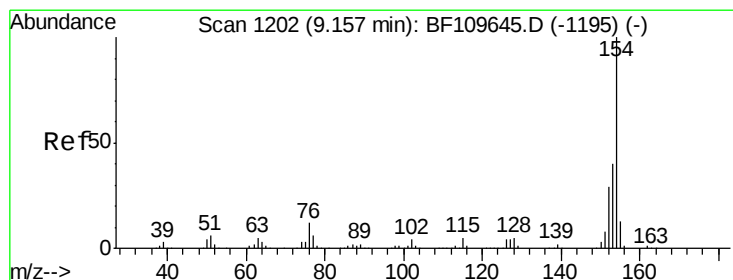
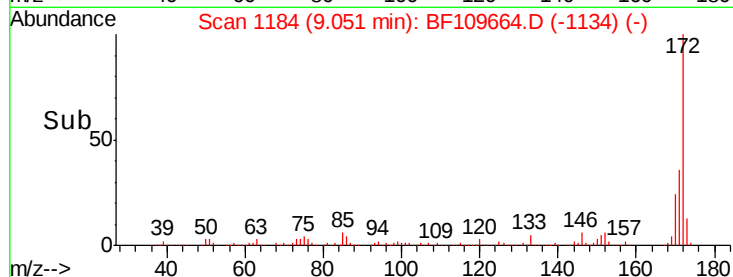
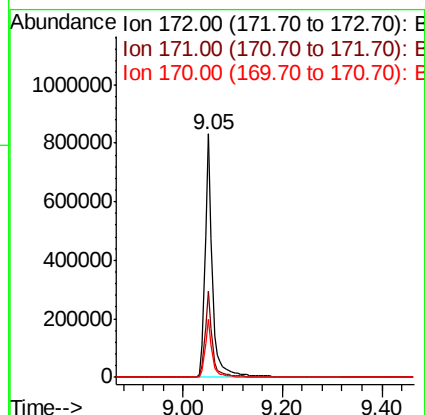
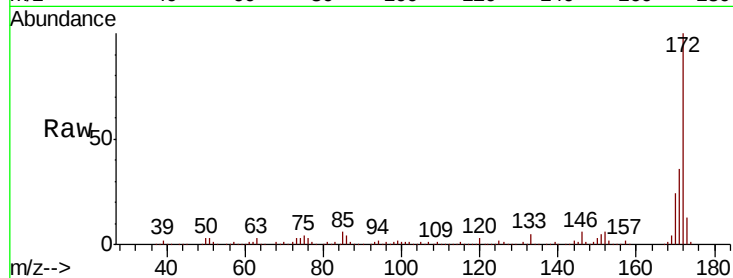




#44
 2-Fluorobiphenyl
 Concen: 71.833 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

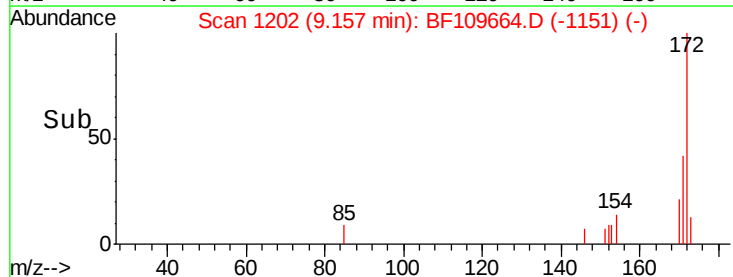
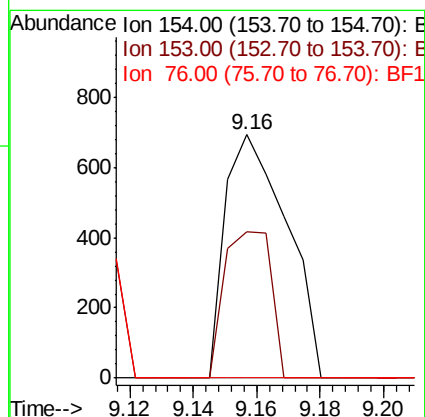
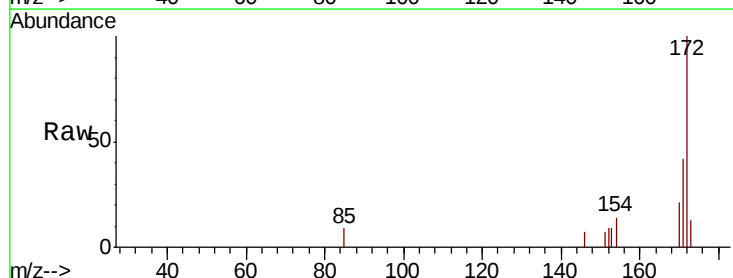
Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

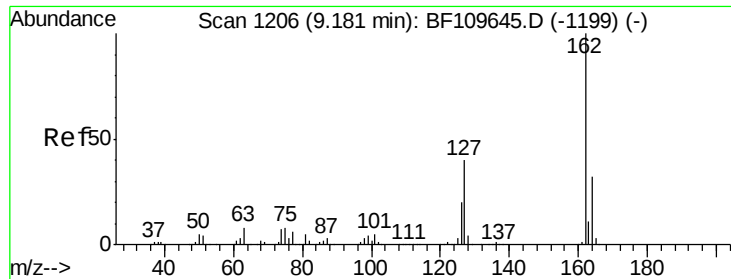
Tgt Ion:172 Resp: 859237
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.6 19.7 29.5



#45
 1,1'-Biphenyl
 Concen: 0.063 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Tgt Ion:154 Resp: 932
 Ion Ratio Lower Upper
 154 100
 153 60.4 20.4 60.4
 76 0.0 0.0 31.9

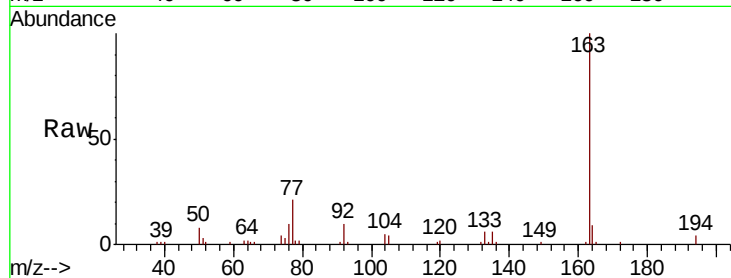




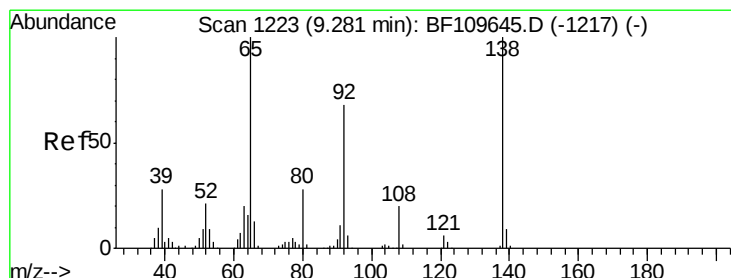
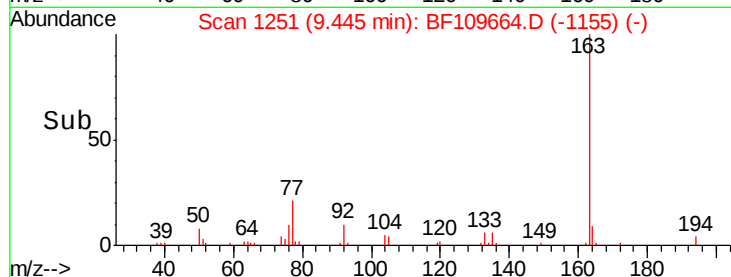
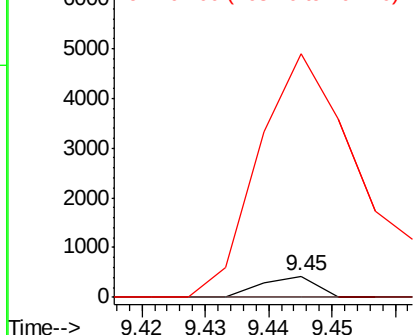
#46
 2-Chloronaphthalene
 Concen: 0.023 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.26 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

Tgt Ion: 162 Resp: 258
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 48.8#
 164 1134.8 25.9 38.9#

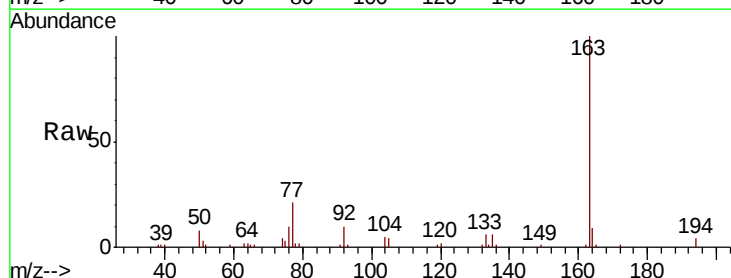


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

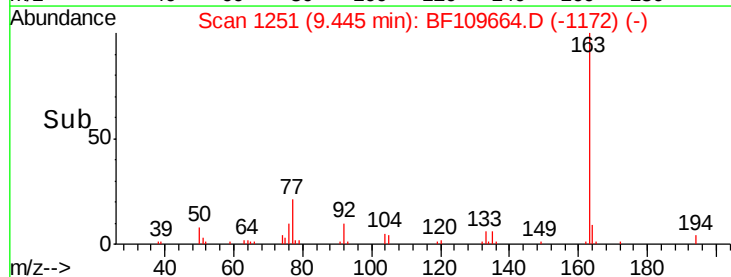
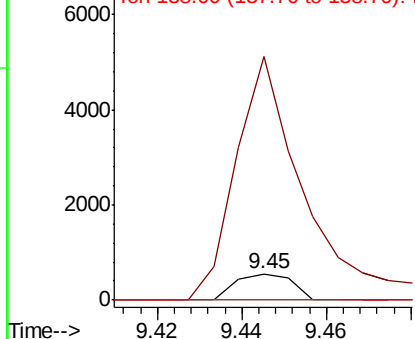


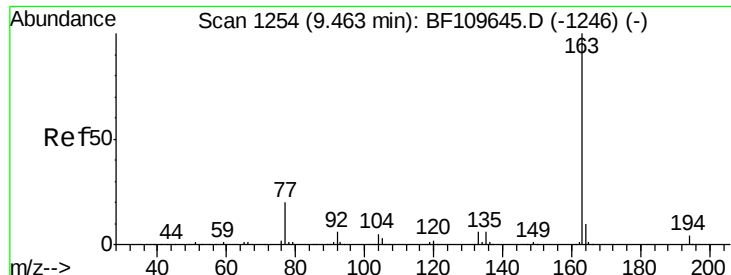
#47
 2-Nitroaniline
 Concen: 0.154 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.16 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Tgt Ion: 65 Resp: 514
 Ion Ratio Lower Upper
 65 100
 92 934.5 54.6 81.8#
 138 0.0 80.3 120.5#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

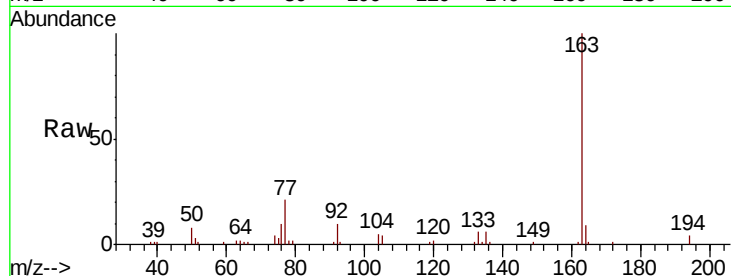




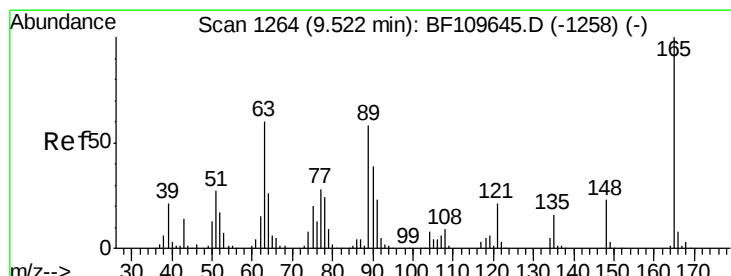
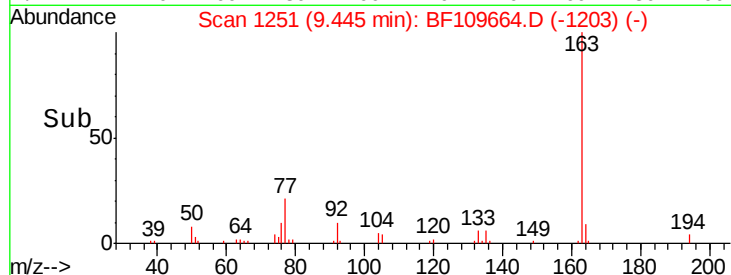
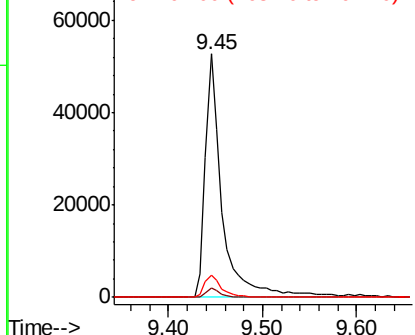
#49
Dimethylphthalate
Concen: 5.504 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Instrument :
BNA_F
ClientSampleId :
CA-AQIDW-20181004

Tgt Ion:163 Resp: 66501
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.3 8.1 12.1

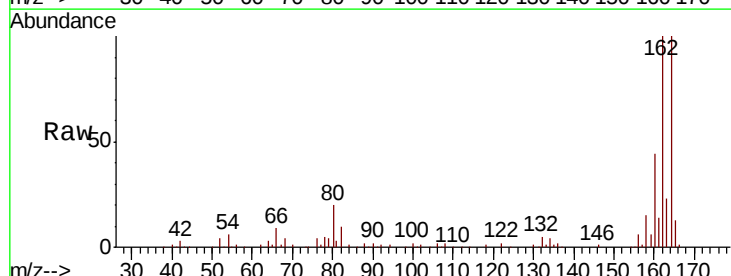


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

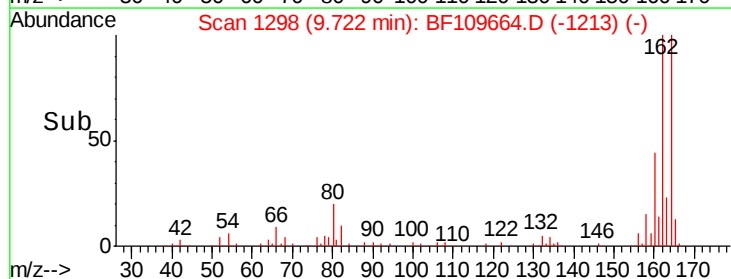
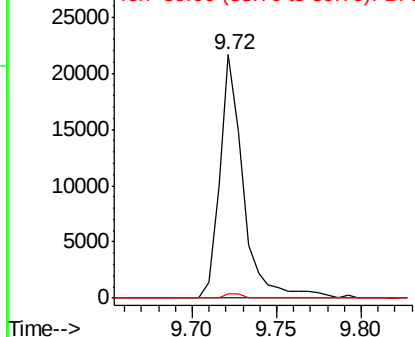


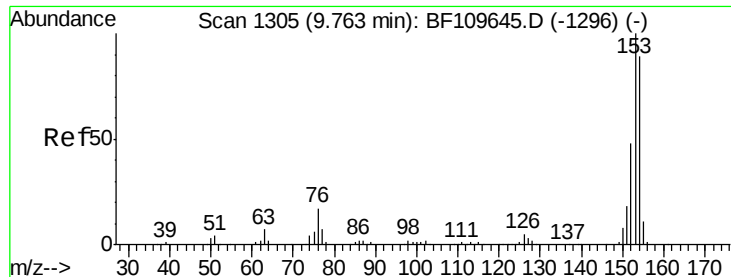
#50
2,6-Dinitrotoluene
Concen: 8.030 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Tgt Ion:165 Resp: 21030
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.7 46.6 69.8#



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





#51

Acenaphthene

Concen: 0.039 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.04 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

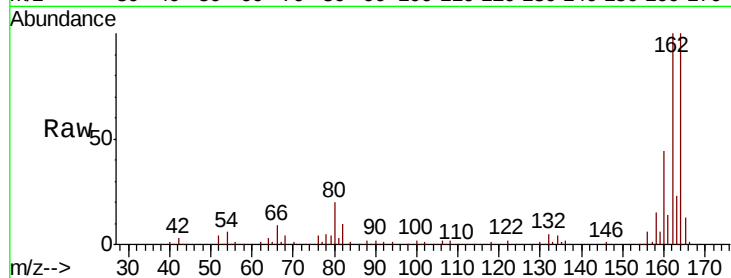
Tgt Ion:154 Resp: 368

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

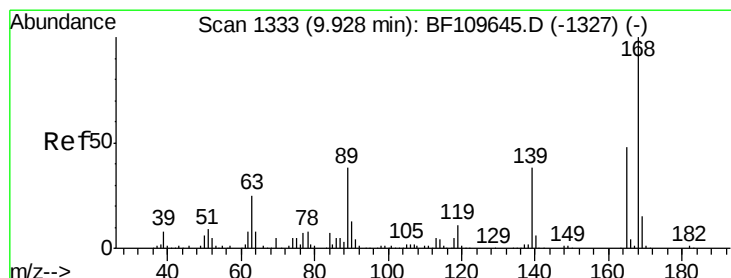
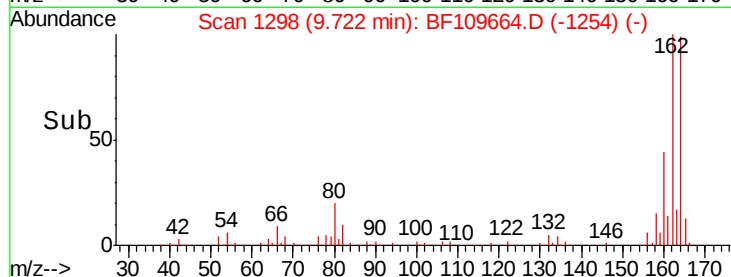
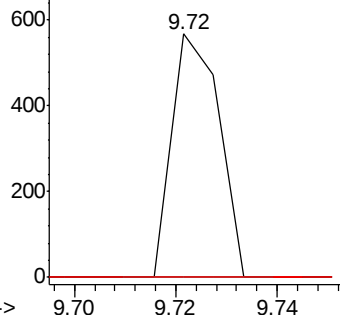
152 0.0 43.4 65.2#



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



#56

2,4-Dinitrotoluene

Concen: 6.469 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Tgt Ion:165 Resp: 21142

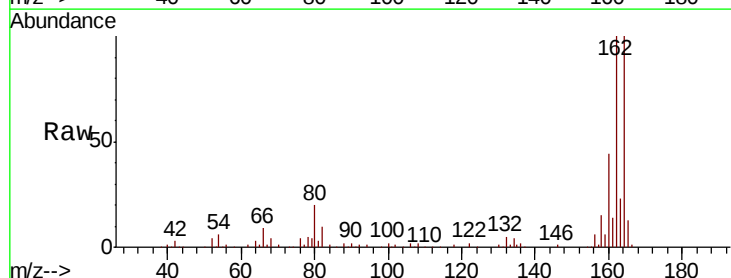
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.7 62.2 93.4#

182 0.0 2.1 3.1#

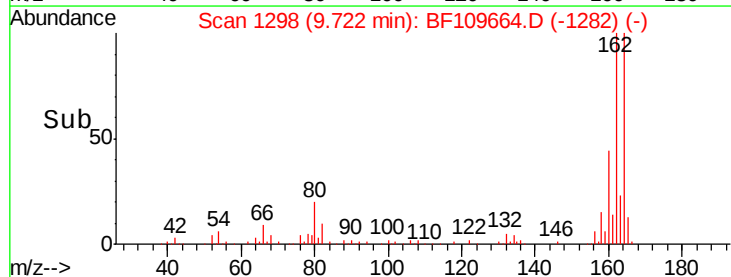
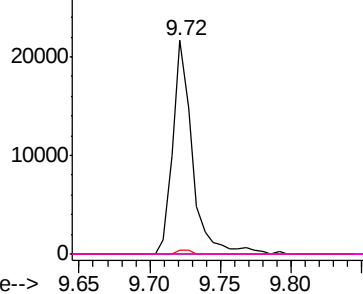


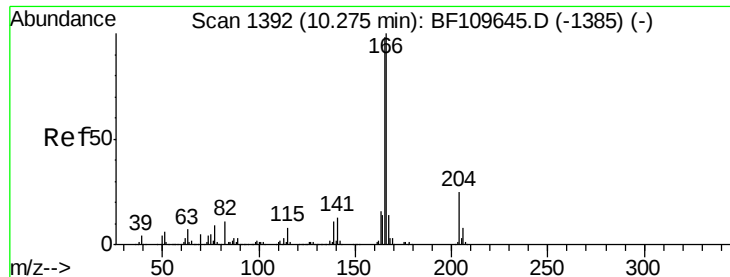
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.574 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.24 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

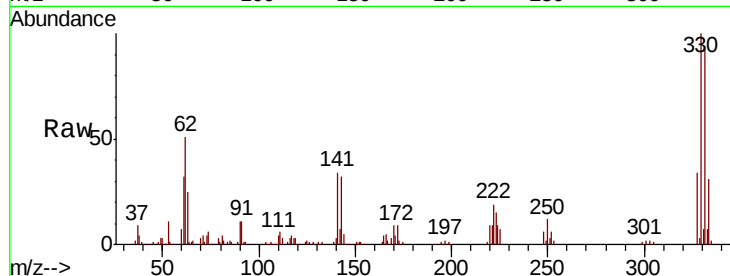
Tgt Ion:166 Resp: 6128

Ion Ratio Lower Upper

166 100

165 86.8 78.6 117.8

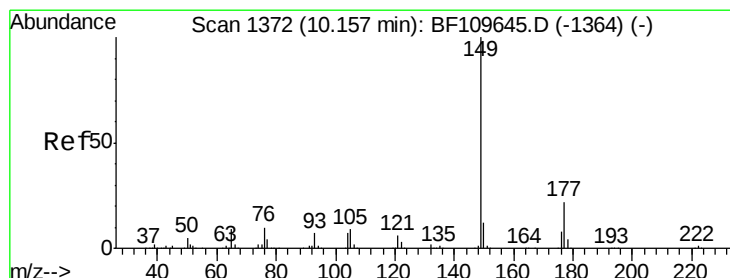
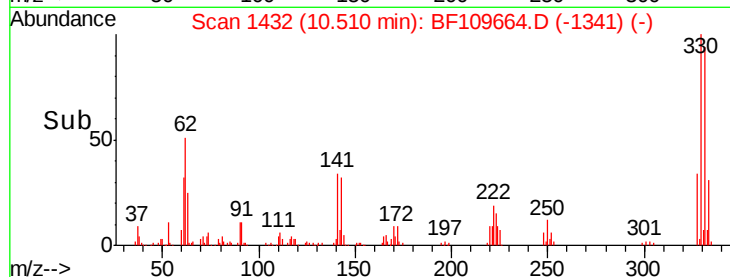
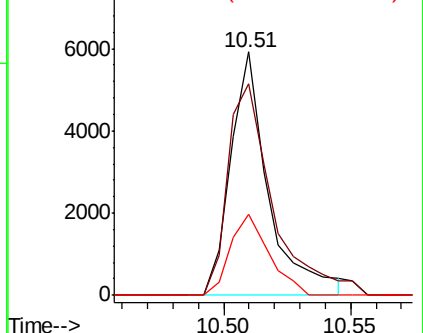
167 33.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.170 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

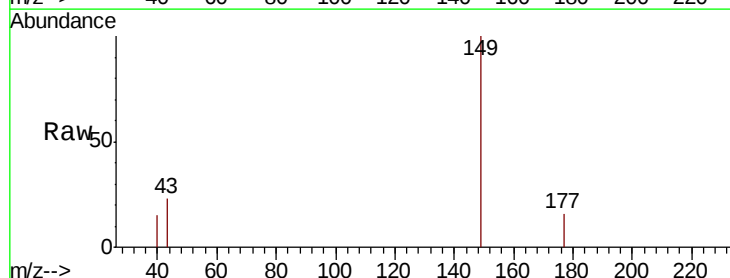
Tgt Ion:149 Resp: 2030

Ion Ratio Lower Upper

149 100

177 16.0 17.4 26.2#

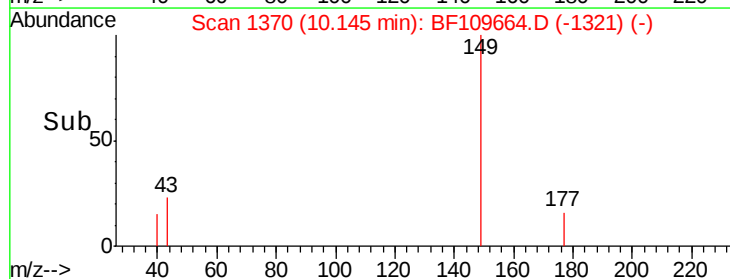
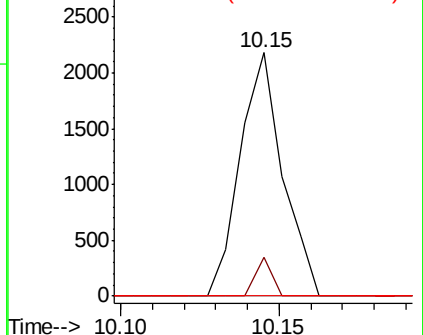
150 0.0 9.8 14.8#

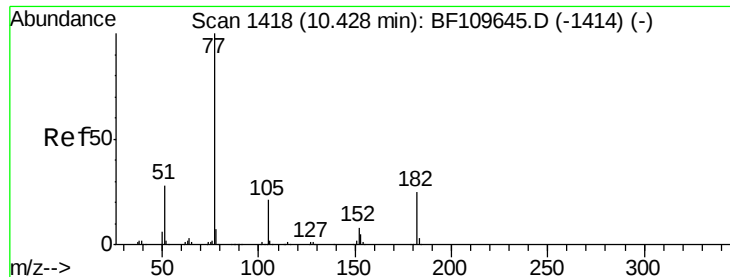


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.045 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.08 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

Tgt Ion: 77 Resp: 545

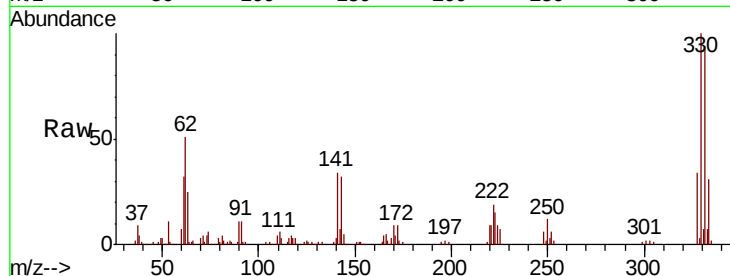
Ion Ratio Lower Upper

77 100

182 0.0 4.3 44.3#

105 98.6 1.3 41.3#

51 95.1 9.0 49.0#

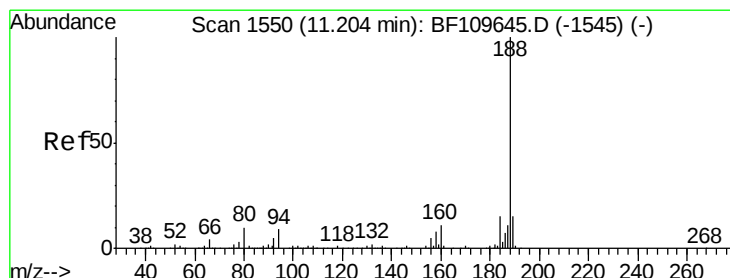
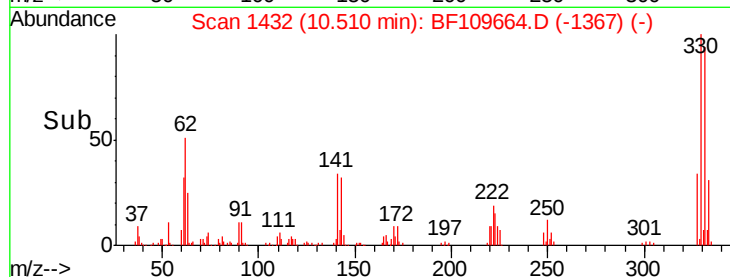
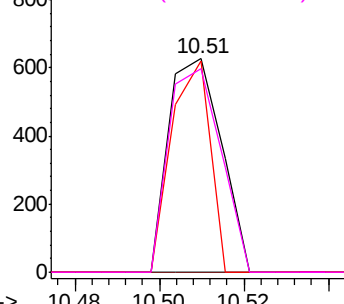


Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

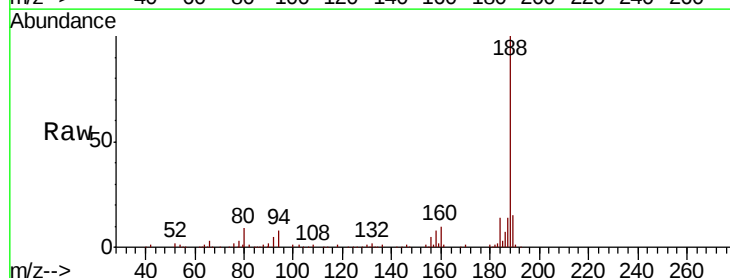
Tgt Ion: 188 Resp: 275556

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

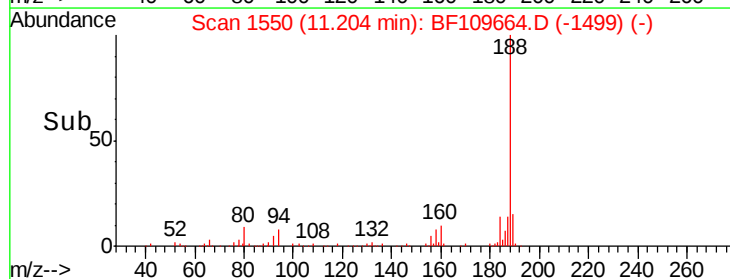
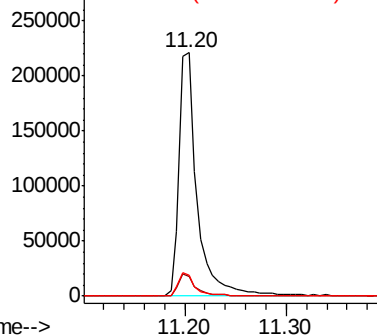
80 8.7 7.9 11.9

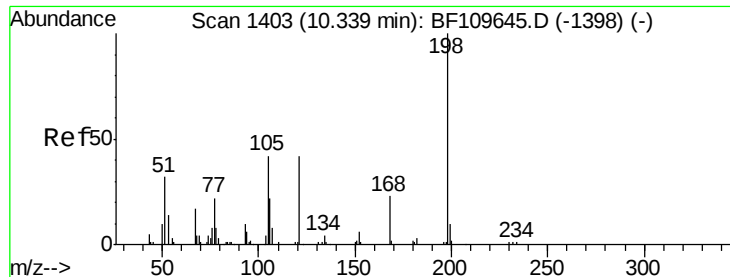


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 0.090 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.17 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

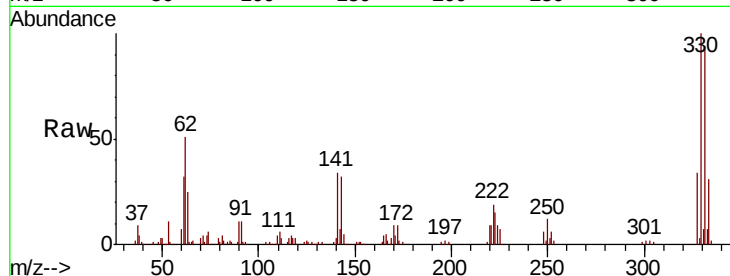
Tgt Ion:198 Resp: 121

Ion Ratio Lower Upper

198 100

51 174.3 22.8 62.8#

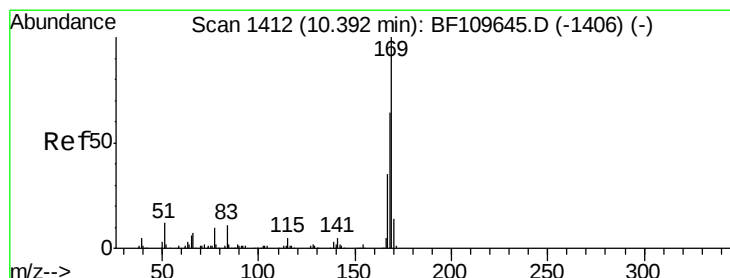
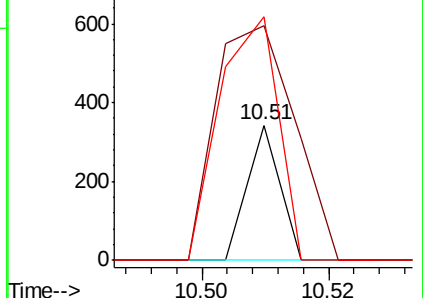
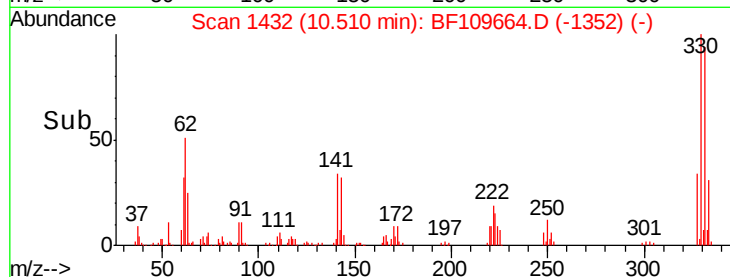
105 180.7 23.6 63.6#



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



#65

n-Nitrosodiphenylamine

Concen: 0.503 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.12 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

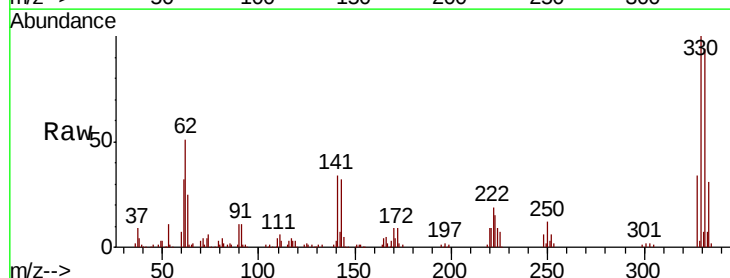
Tgt Ion:169 Resp: 4699

Ion Ratio Lower Upper

169 100

168 9.3 51.2 76.8#

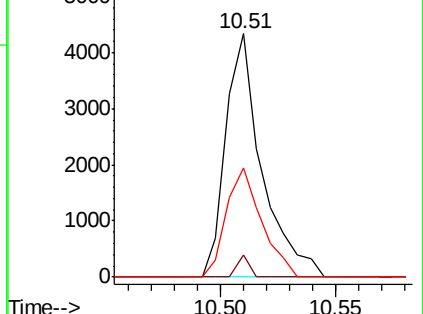
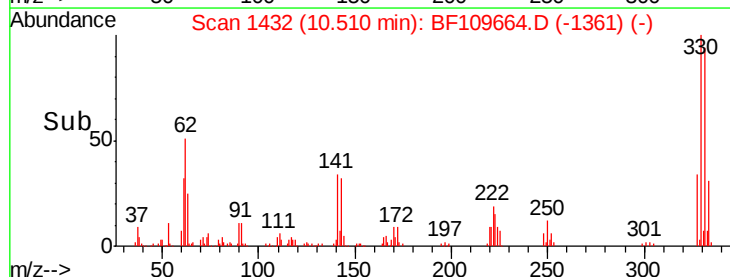
167 45.1 27.8 41.6#

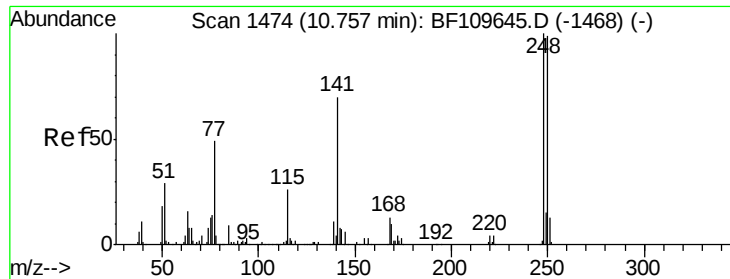


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

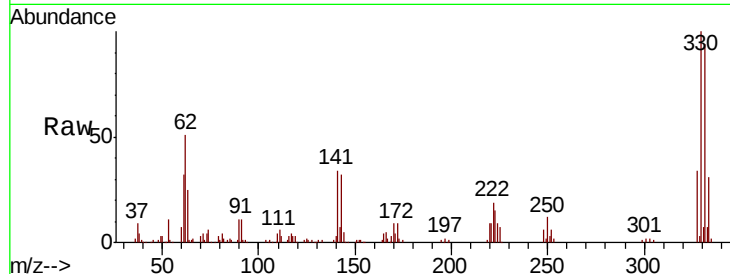




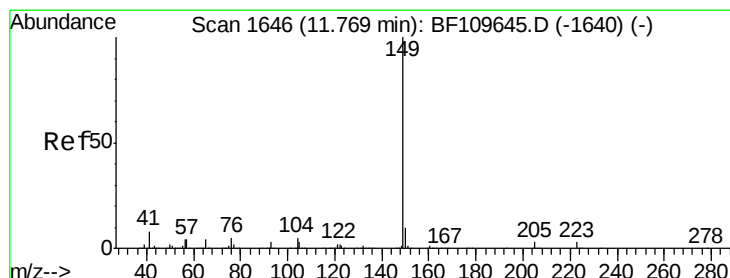
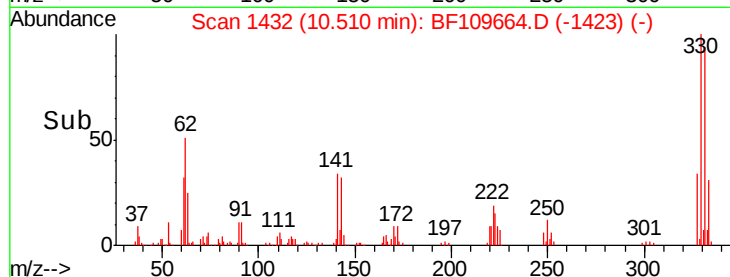
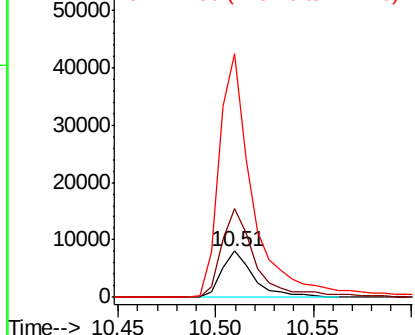
#66
 4-Bromophenyl-phenylether
 Concen: 2.859 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

Tgt Ion:248 Resp: 9053
 Ion Ratio Lower Upper
 248 100
 250 191.3 79.4 119.2#
 141 525.5 55.9 83.9#

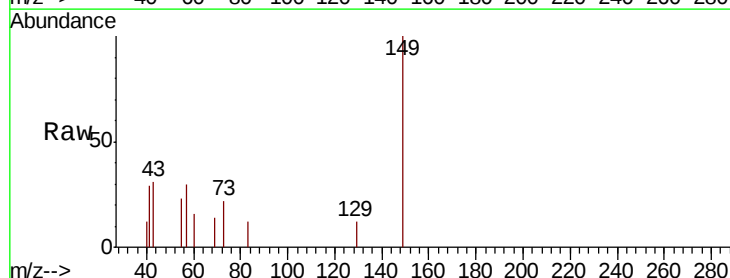


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

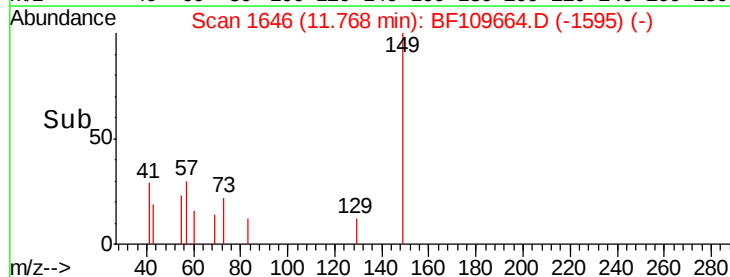
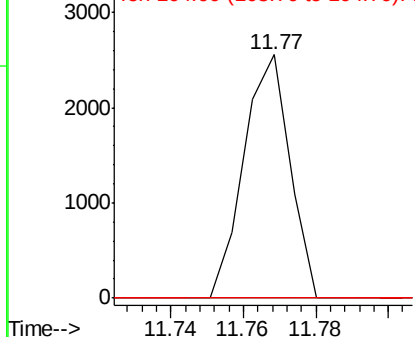


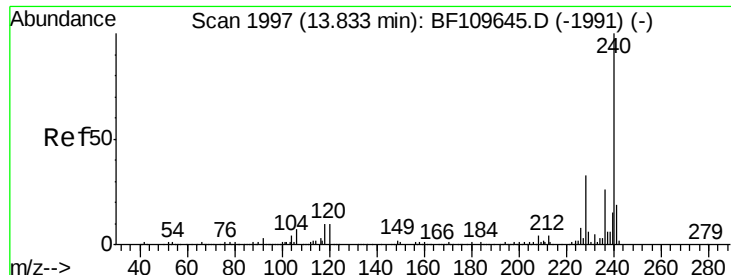
#73
 Di-n-butylphthalate
 Concen: 0.141 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Tgt Ion:149 Resp: 2268
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

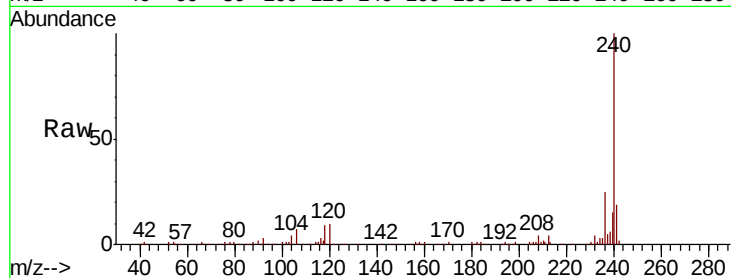
Tgt Ion:240 Resp: 221493

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

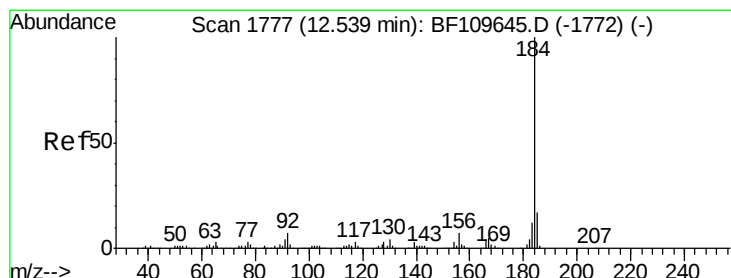
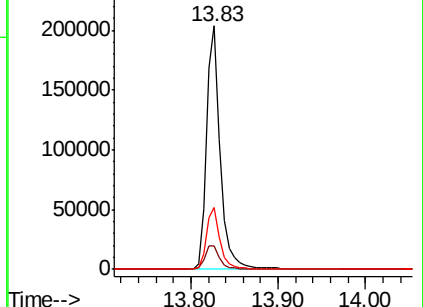
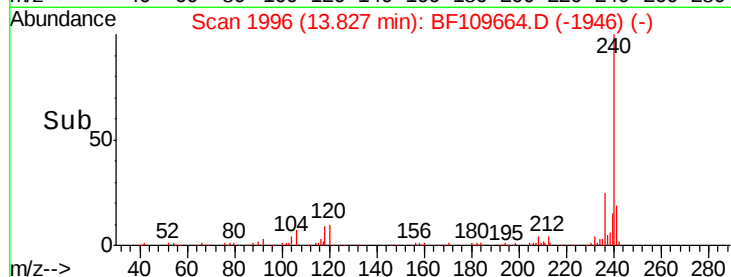
236 25.4 21.2 31.8



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



#76

Benzidine

Concen: 1.063 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.24 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

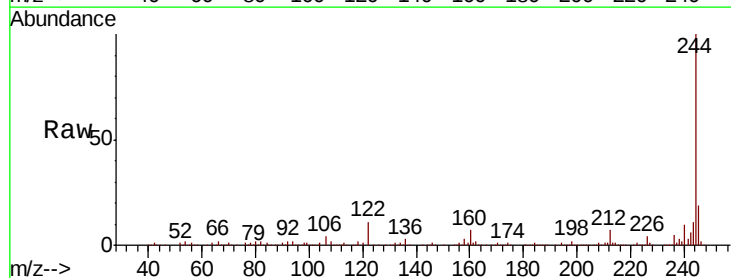
Tgt Ion:184 Resp: 8747

Ion Ratio Lower Upper

184 100

185 13.5 13.4 20.2

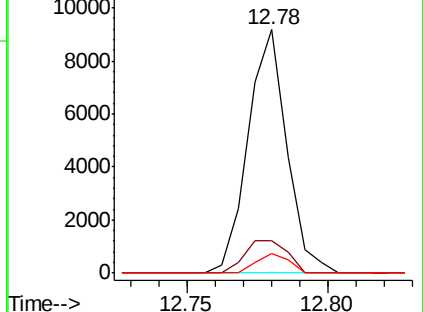
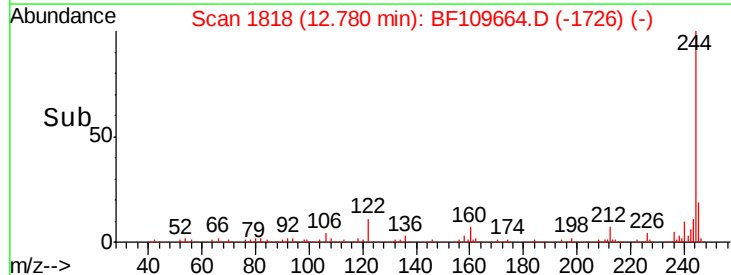
183 7.9 9.4 14.2#

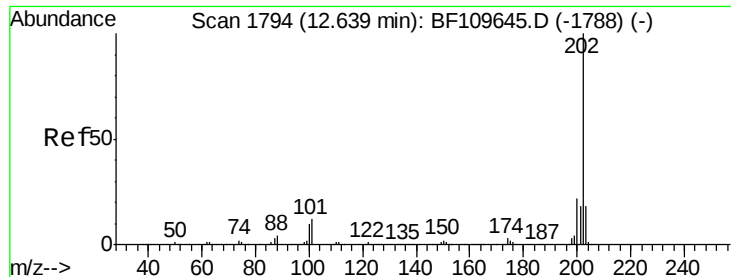


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

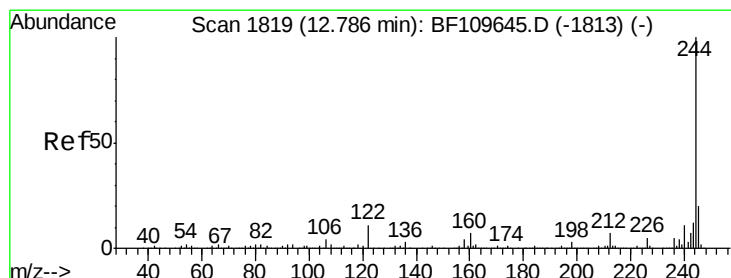
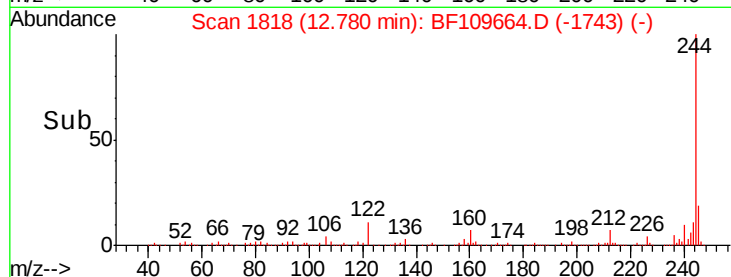
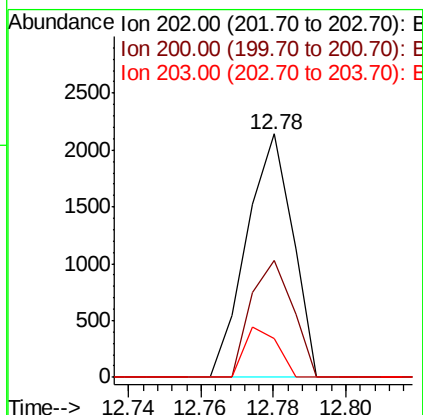
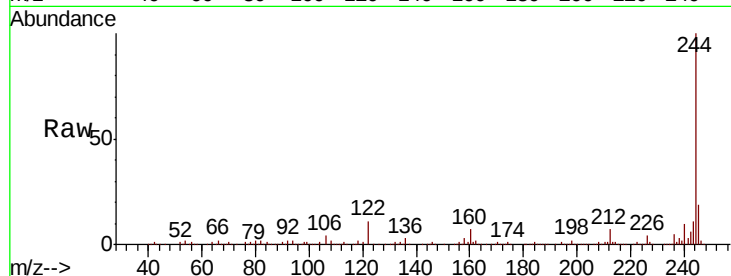




#77
 Pyrene
 Concen: 0.116 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.14 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

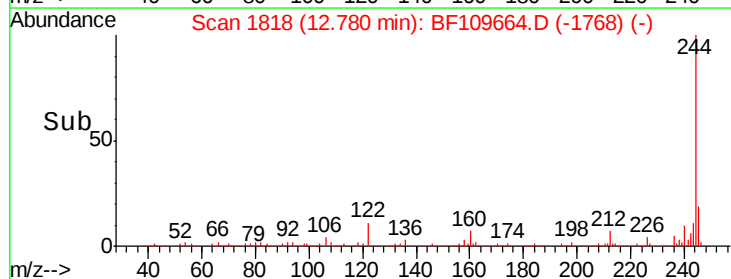
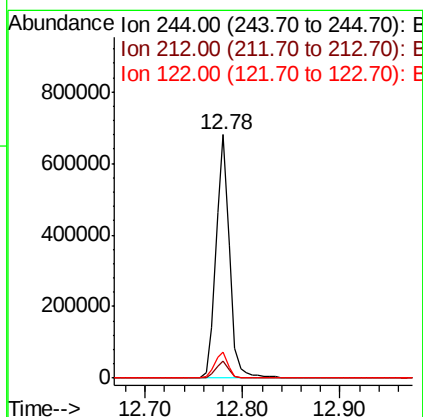
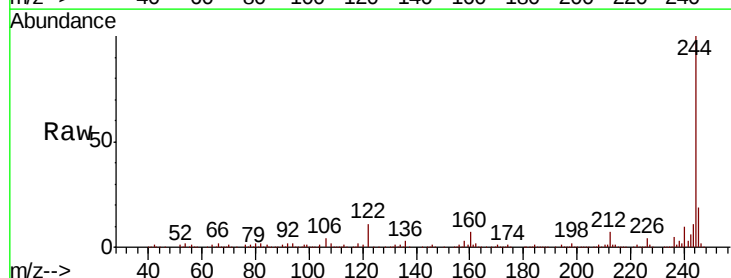
Instrument :
 BNA_F
 ClientSampleId :
 CA-AQIDW-20181004

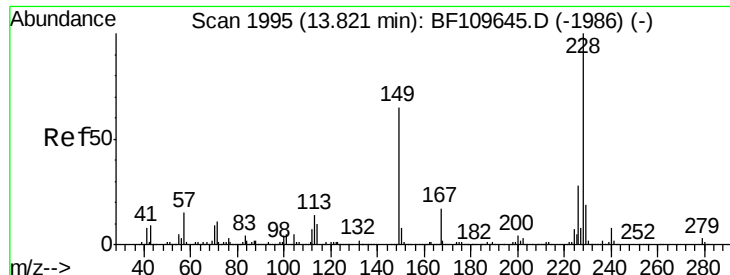
Tgt Ion: 202 Resp: 1882
 Ion Ratio Lower Upper
 202 100
 200 48.2 17.8 26.6#
 203 16.1 14.2 21.4



#78
 Terphenyl-d14
 Concen: 56.756 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109664.D
 Acq: 8 Oct 2018 22:53

Tgt Ion: 244 Resp: 649387
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.6 8.7 13.1





#80

Benzo(a)anthracene

Concen: 0.030 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

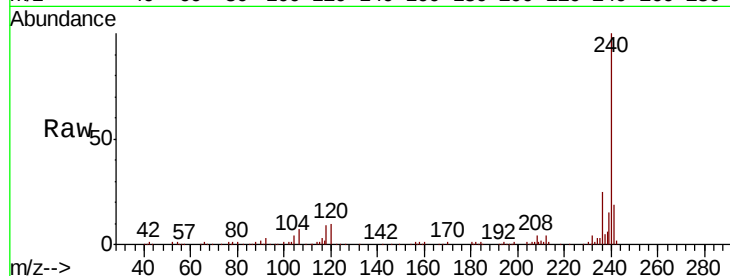
Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

Tgt Ion:	228	Resp:	367
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.1	33.1#
229	0.0	15.6	23.4#



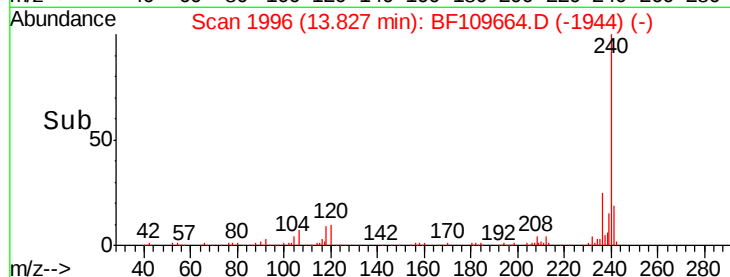
Abundance

Ion 228.00 (227.70 to 228.70): E

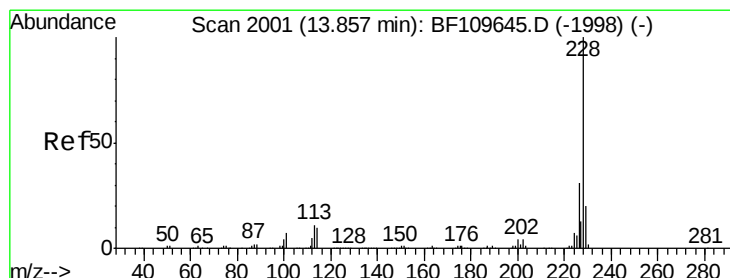
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.83



Time--> 13.80 13.82 13.84



#82

Chrysene

Concen: 0.029 ng

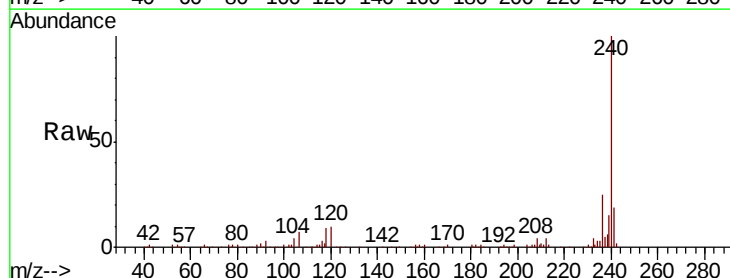
RT: 13.83 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Tgt Ion:	228	Resp:	367
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	0.0	15.9	23.9#



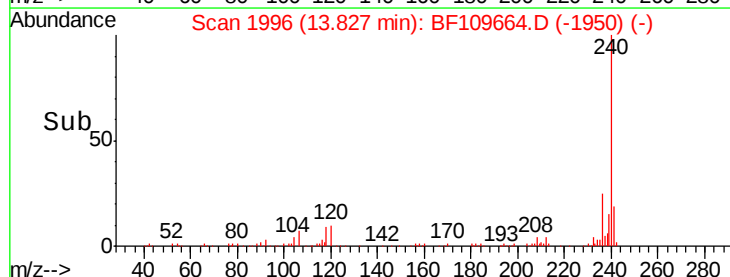
Abundance

Ion 228.00 (227.70 to 228.70): E

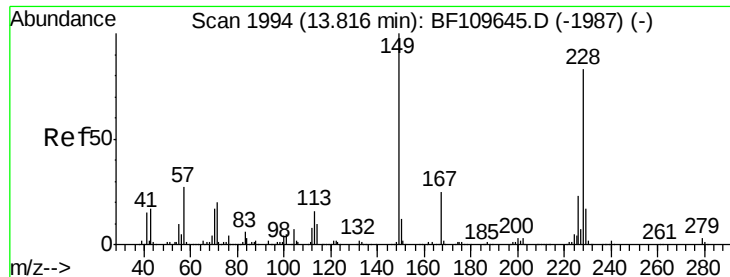
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.83



Time--> 13.80 13.82 13.84



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.342 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

Instrument :

BNA_F

ClientSampleId :

CA-AQIDW-20181004

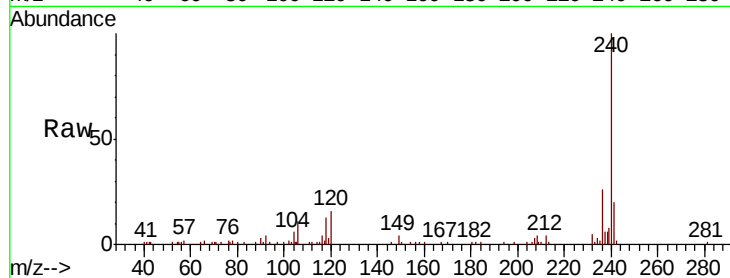
Tgt Ion:149 Resp: 2939

Ion Ratio Lower Upper

149 100

167 31.4 19.8 29.8#

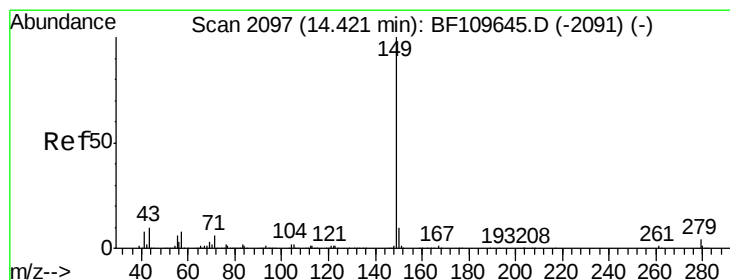
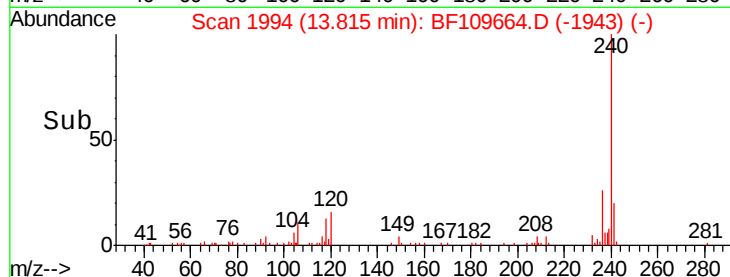
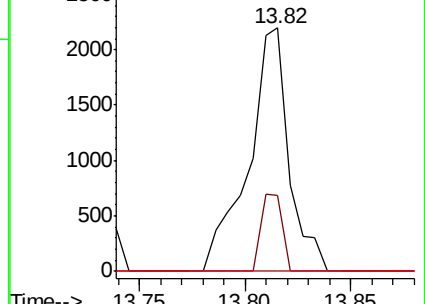
279 0.0 2.7 4.1#



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



#84

Di-n-octyl phthalate

Concen: 0.028 ng

RT: 14.46 min Scan# 2103

Delta R.T. 0.04 min

Lab File: BF109664.D

Acq: 8 Oct 2018 22:53

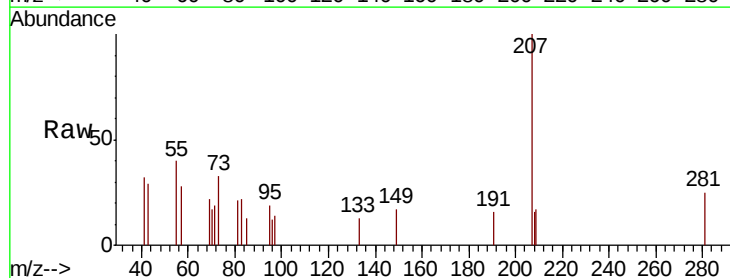
Tgt Ion:149 Resp: 384

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

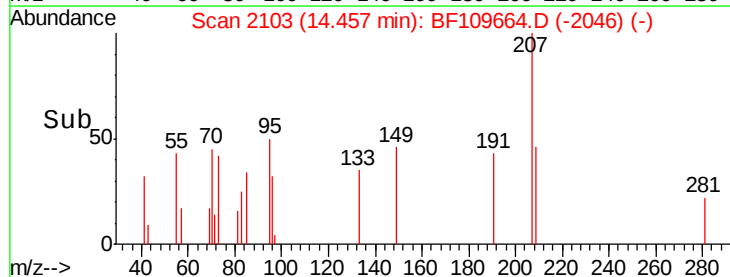
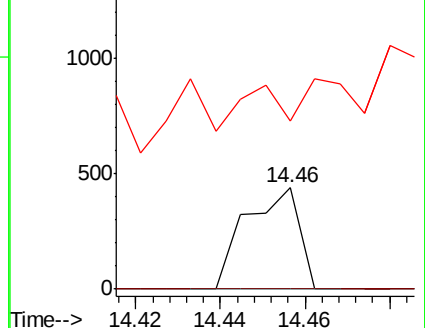
43 0.0 7.8 11.8#

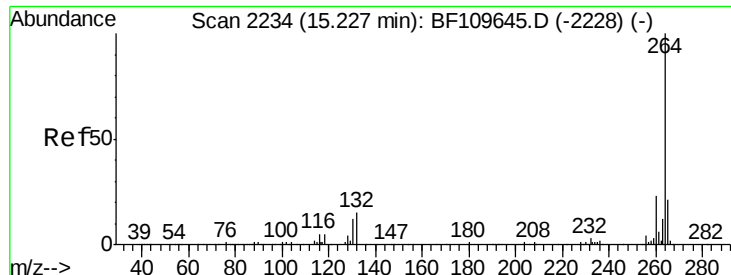


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



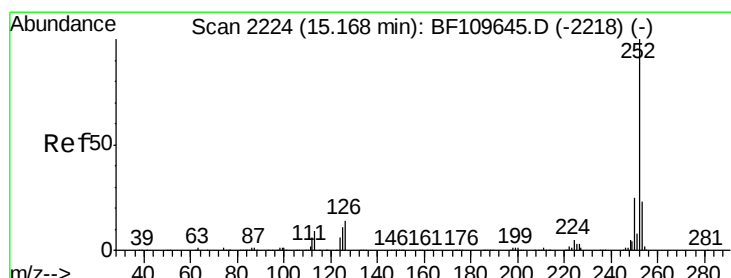
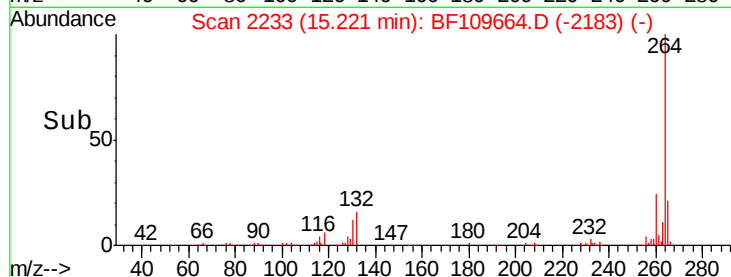
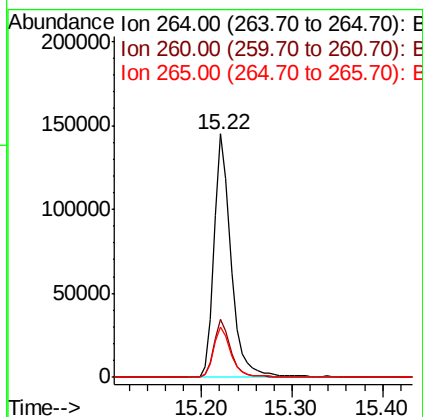
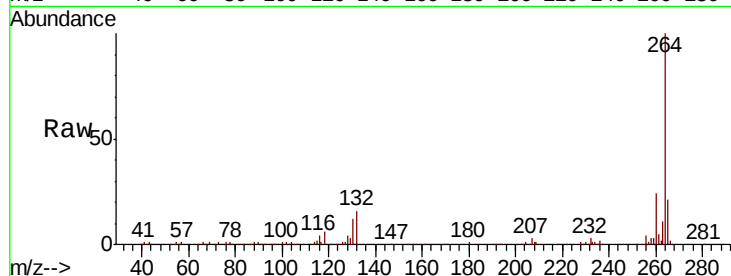


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Instrument :
BNA_F
ClientSampleId :
CA-AQIDW-20181004

Tgt Ion: 264 Resp: 190453

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.8	16.7	25.1



#89
Benzo(a)pyrene
Concen: 0.043 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.05 min
Lab File: BF109664.D
Acq: 8 Oct 2018 22:53

Tgt Ion: 252 Resp: 409

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	9.0	13.6#

