

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108802.D
 Acq On : 6 Sep 2018 4:00
 Operator : JU/SJ
 Sample : J4782-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:32:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	245639	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	850874	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	345593	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	638737	20.00	ng	0.00
75) Chrysene-d12	13.87	240	620870	20.00	ng	0.00
86) Perylene-d12	15.27	264	486044	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	861862	58.13	ng	0.00
7) Phenol-d6	6.37	99	1129366	59.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	611394	44.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	224215	67.96	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1072030	52.92	ng	0.00
78) Terphenyl-d14	12.82	244	1086139	40.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	98	0.014	ng	# 1
3) Pyridine	3.27	79	111	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.10	42	937	0.125	ng	# 1
6) Aniline	6.37	93	299	0.012	ng	# 1
8) 2-Chlorophenol	6.52	128	359	0.022	ng	# 9
9) Benzaldehyde	6.37	77	2220	0.164	ng	# 1
10) Phenol	6.37	94	14449	0.661	ng	# 66
11) bis(2-Chloroethyl)ether	6.50	93	1554	0.089	ng	# 1
15) Benzyl Alcohol	6.89	79	10842	0.741	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.28	45	240	0.009	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	82444	6.217	ng	# 78
22) Acetophenone	7.14	105	375	0.019	ng	# 1
24) Nitrobenzene	7.29	77	2144	0.147	ng	# 35
25) Isophorone	7.29	82	608277	22.429	ng	# 64
28) bis(2-Chloroethoxy)methane	8.02	93	110	0.006	ng	# 1
31) Naphthalene	8.04	128	136	0.004	ng	# 68
32) Benzoic acid	8.02	122	276	4.055	ng	# 1
35) Caprolactam	8.41	113	112	0.027	ng	# 53
45) 1,1'-Biphenyl	9.19	154	1689	0.063	ng	# 89
46) 2-Chloronaphthalene	9.48	162	2213	0.103	ng	# 1
47) 2-Nitroaniline	9.21	65	296	0.050	ng	# 2
48) Acenaphthylene	9.62	152	1422	0.044	ng	# 60
49) Dimethylphthalate	9.48	163	309733	12.814	ng	# 99
50) 2,6-Dinitrotoluene	9.48	165	3483	0.756	ng	# 10
51) Acenaphthene	9.80	154	117	0.006	ng	# 75
56) 2,4-Dinitrotoluene	9.77	165	44901	7.623	ng	# 24
57) Fluorene	10.54	166	10582	0.570	ng	# 93
59) Diethylphthalate	10.18	149	2803	0.112	ng	# 93
62) Azobenzene	10.54	77	1407	0.055	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.55	198	544	7.054	ng	# 1
65) n-Nitrosodiphenylamine	10.54	169	7085	0.334	ng	# 44
66) 4-Bromophenyl-phenylether	10.55	248	13542	1.877	ng	# 1
70) Phenanthrene	11.26	178	2148	0.070	ng	# 96
71) Anthracene	11.26	178	2148	0.074	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

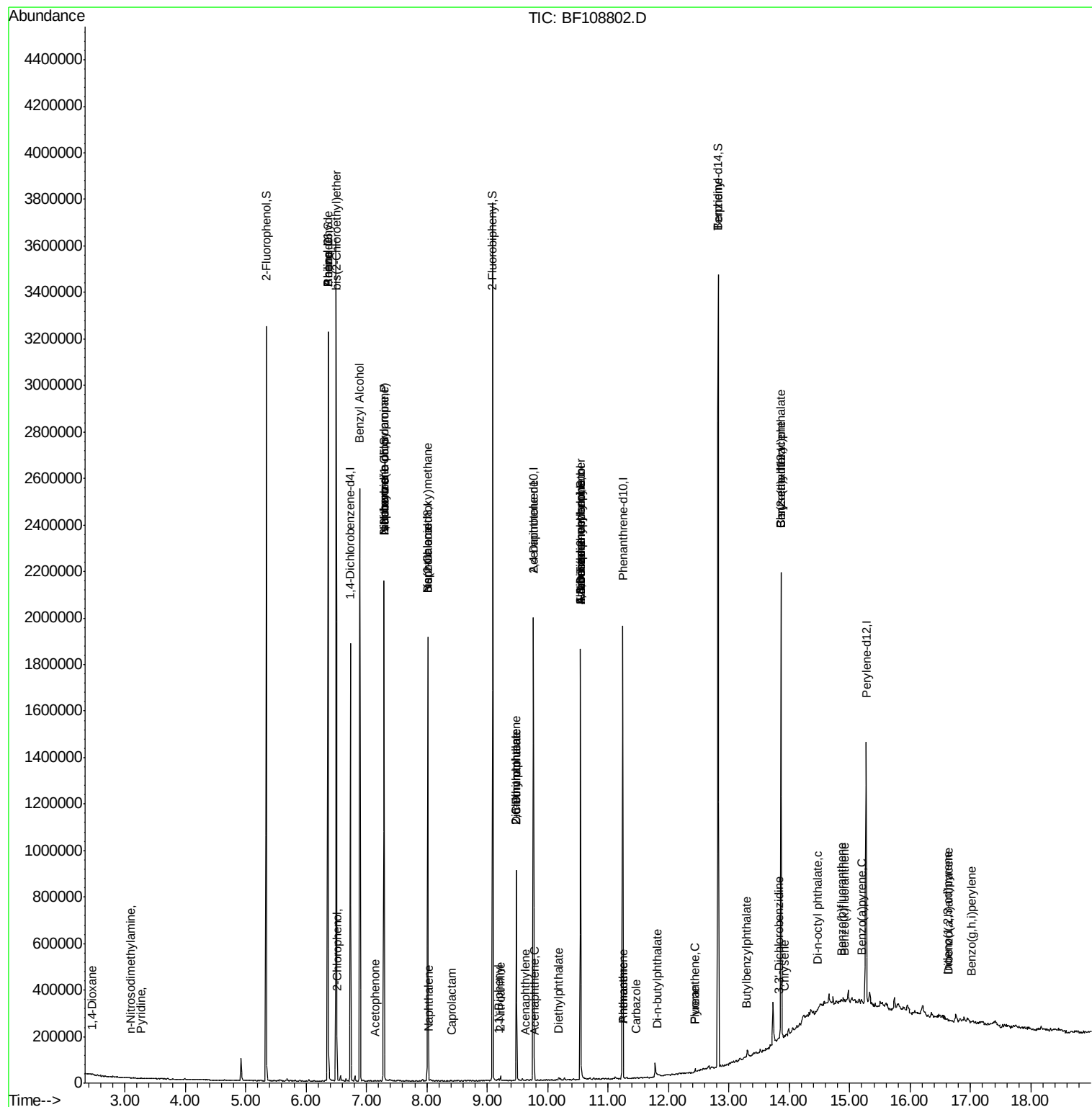
72) Carbazole	11.46	167	528	0.017	nq	# 59
73) Di-n-butylphthalate	11.81	149	2345	0.069	nq	# 77
74) Fluoranthene	12.44	202	4739	0.157	nq	95
76) Benzidine	12.82	184	13853	0.471	nq	97
77) Pyrene	12.44	202	4739	0.099	nq	96
79) Butylbenzylphthalate	13.30	149	776	0.036	nq	# 62
80) Benzo(a)anthracene	13.86	228	5408	0.136	nq	# 46
81) 3,3'-Dichlorobenzidine	13.82	252	107	0.007	nq	# 1
82) Chrysene	13.92	228	521	0.014	nq	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	5474	0.202	nq	# 92
84) Di-n-octyl phthalate	14.47	149	738	0.016	nq	# 55
85) Indeno(1,2,3-cd)pyrene	16.61	276	1662	0.049	nq	# 83
87) Benzo(b)fluoranthene	14.87	252	4045	0.153	nq	# 1
88) Benzo(k)fluoranthene	14.92	252	169	0.007	nq	# 1
89) Benzo(a)pyrene	15.21	252	2021	0.085	nq	# 1
90) Dibenzo(a,h)anthracene	16.64	278	261	0.012	nq	# 1
91) Benzo(g,h,i)perylene	17.02	276	3393	0.161	nq	# 56

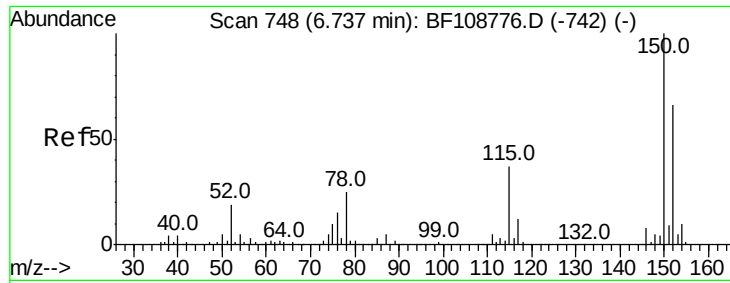
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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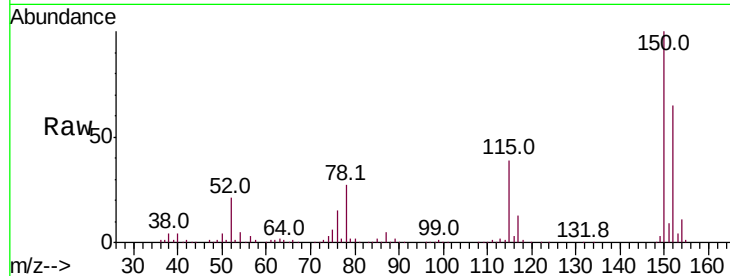


#1

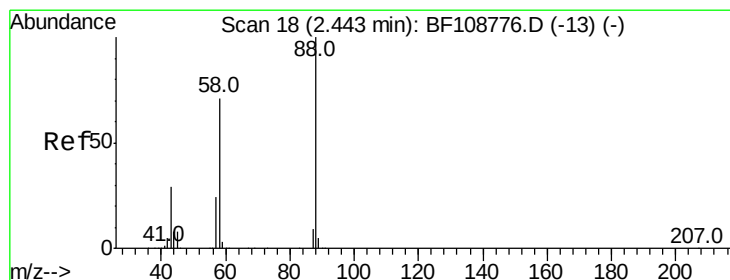
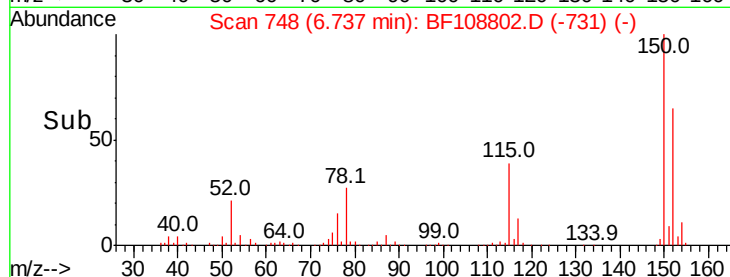
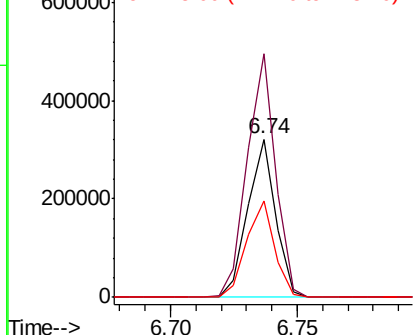
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 245639
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.6 50.1 75.1



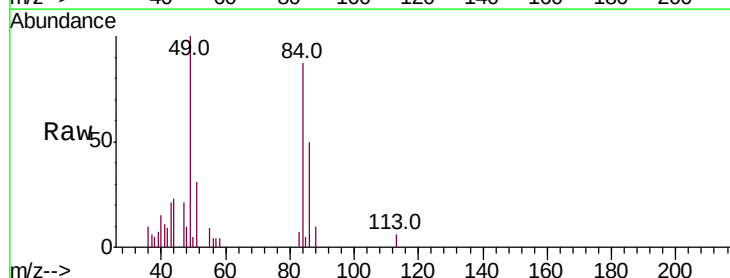
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



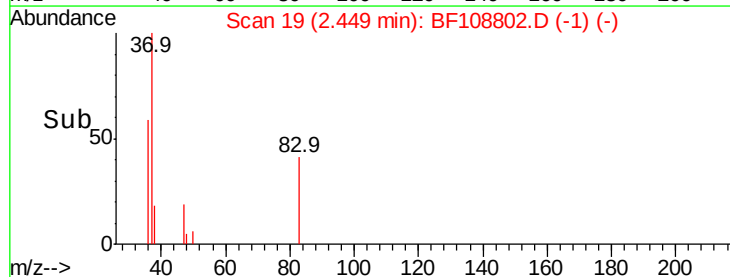
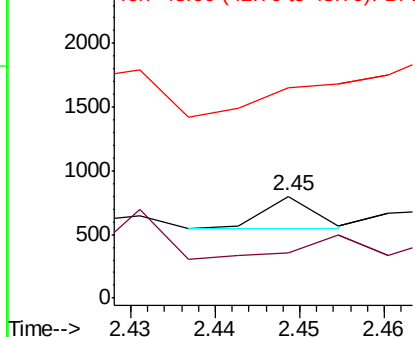
#2

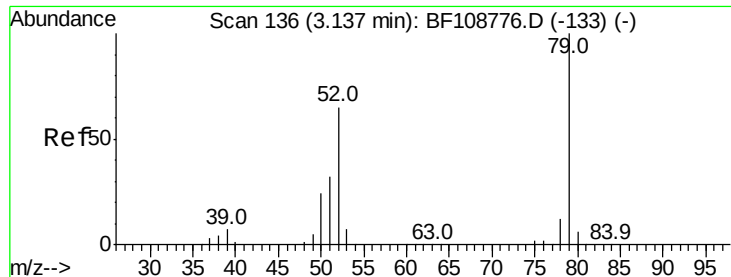
1,4-Dioxane
Concen: 0.014 ng
RT: 2.45 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
58 606.1 62.6 93.8#
43 0.0 24.6 37.0#



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

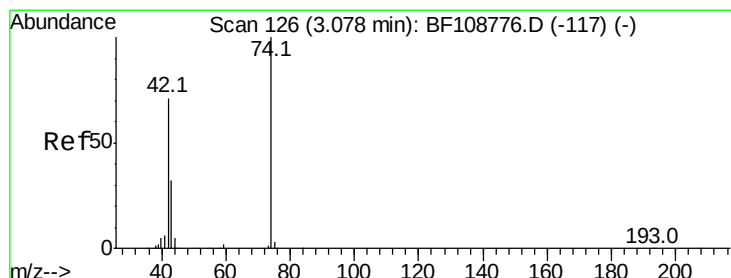
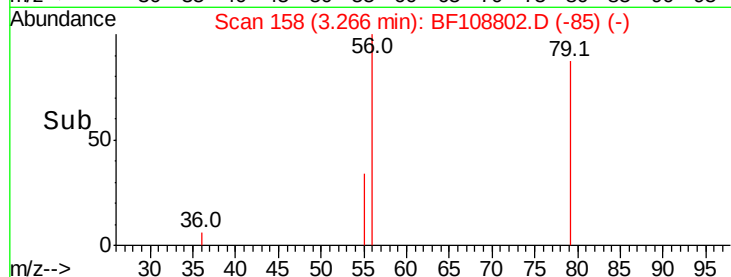
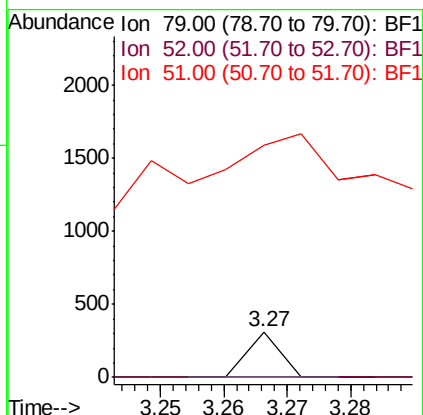
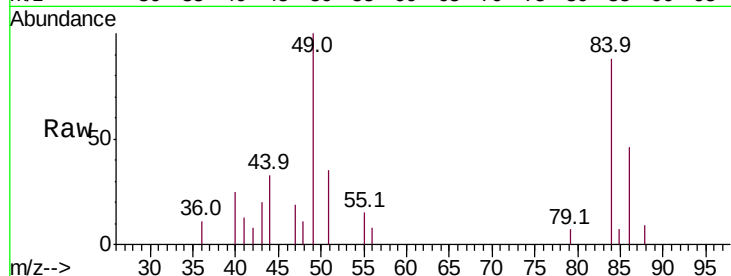




#3
 Pvridine
 Concen: 0.006 ng
 RT: 3.27 min Scan# 158
 Delta R.T. 0.13 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

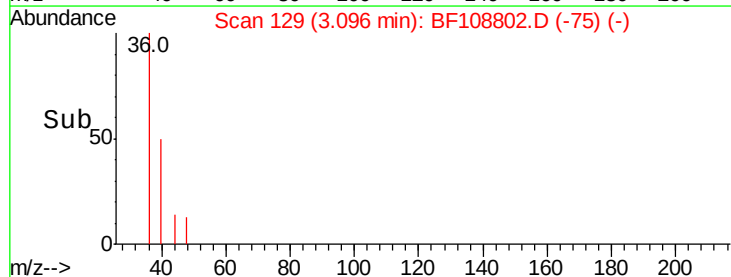
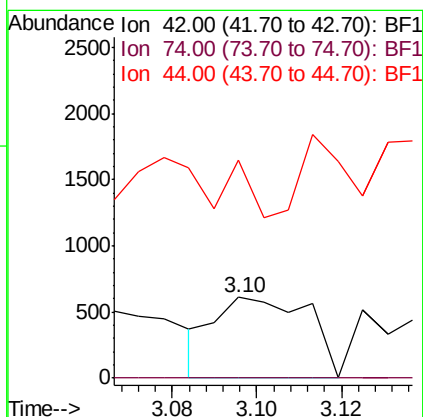
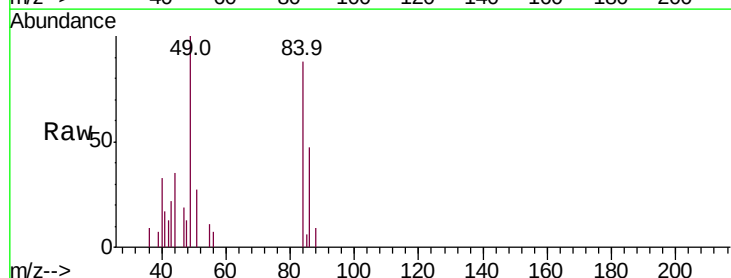
Instrument :
 BNA_F
 ClientSampleId :

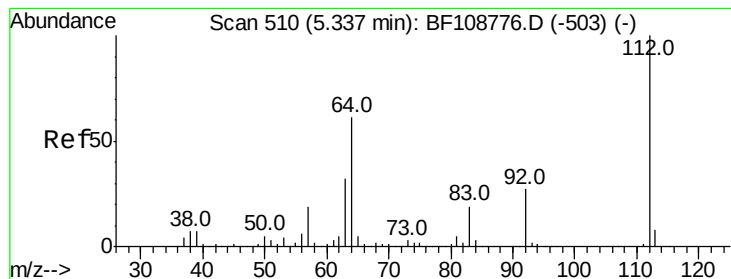
Tot Ion: 79 Resp: 111
 Ion Ratio Lower Upper
 79 100
 52 0.0 59.8 89.6#
 51 505.4 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 0.125 ng
 RT: 3.10 min Scan# 129
 Delta R.T. 0.02 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion: 42 Resp: 937
 Ion Ratio Lower Upper
 42 100
 74 0.0 104.9 157.3#
 44 269.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 58.127 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

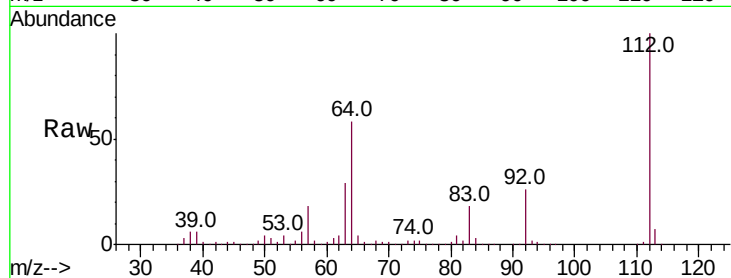
Tot Ion:112 Resp: 861862

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

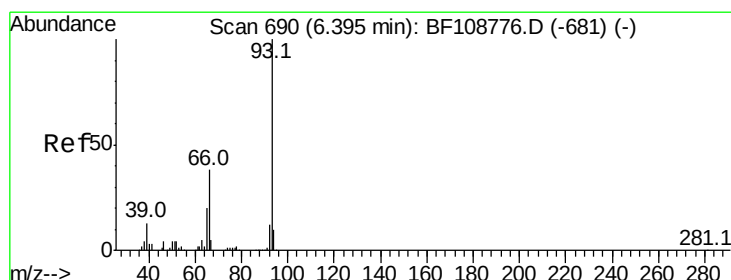
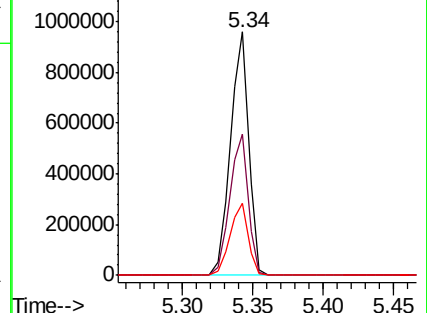
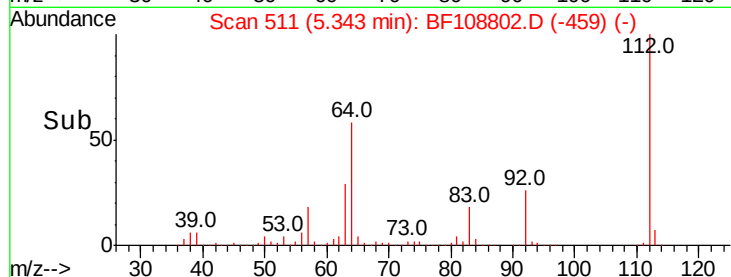
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.012 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

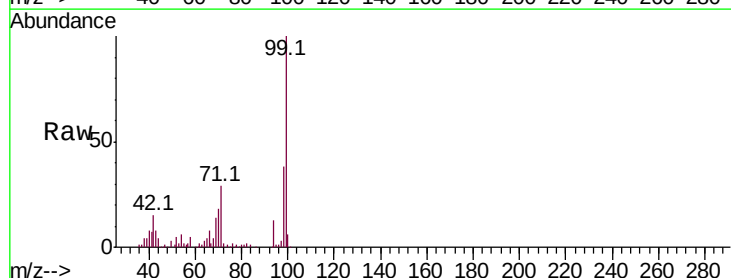
Tgt Ion: 93 Resp: 299

Ion Ratio Lower Upper

93 100

66 3211.6 32.2 48.2#

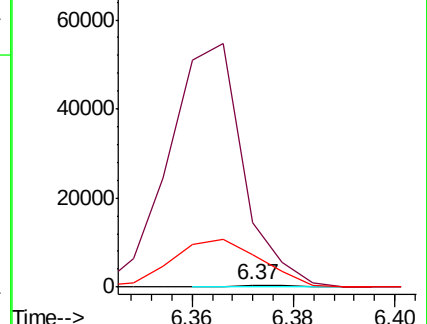
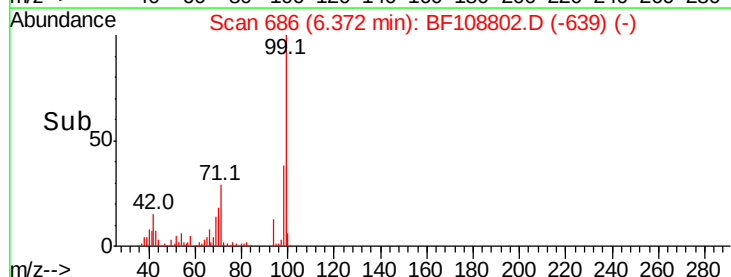
65 1627.8 16.4 24.6#

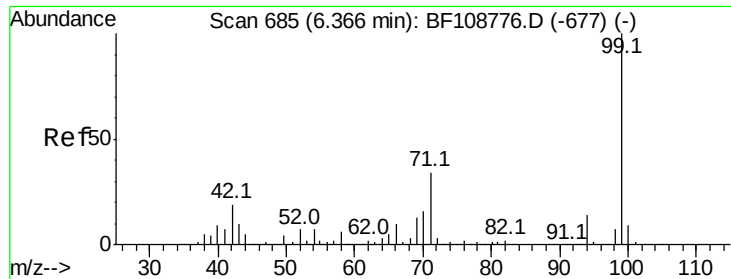


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 59.198 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

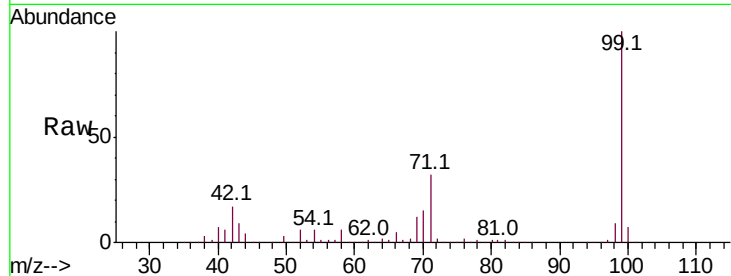
Tot Ion: 99 Resp: 1129366

Ion Ratio Lower Upper

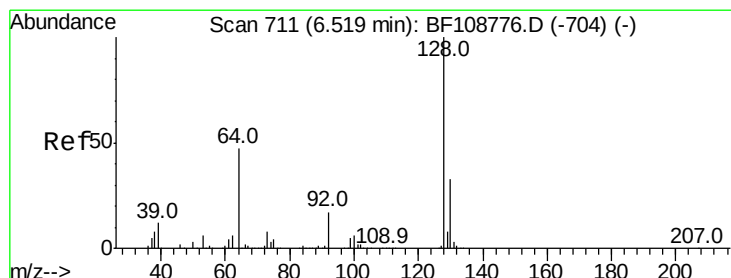
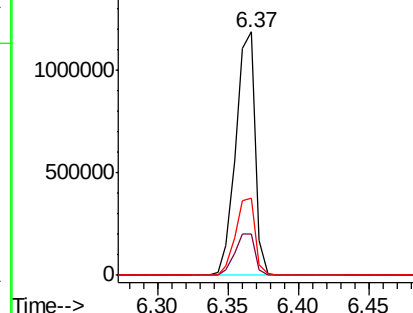
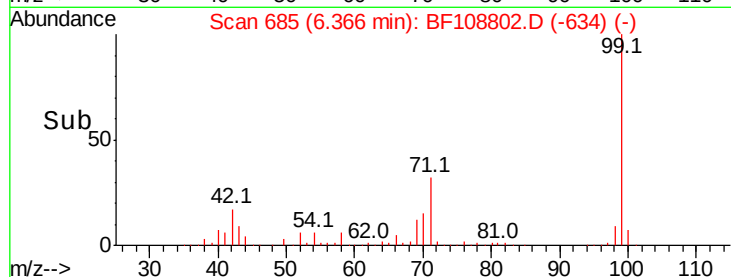
99 100

42 17.1 14.5 21.7

71 31.7 25.4 38.0



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



#8

2-Chlorophenol

Concen: 0.022 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

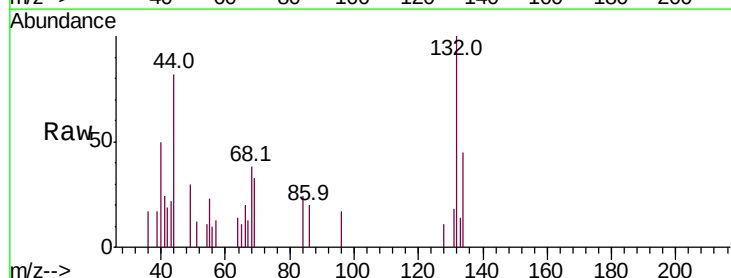
Tgt Ion: 128 Resp: 359

Ion Ratio Lower Upper

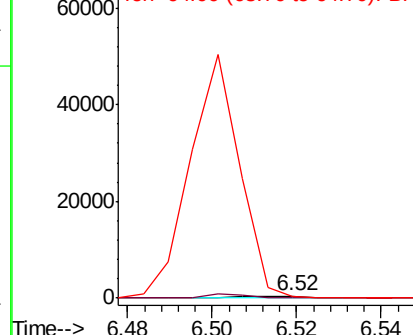
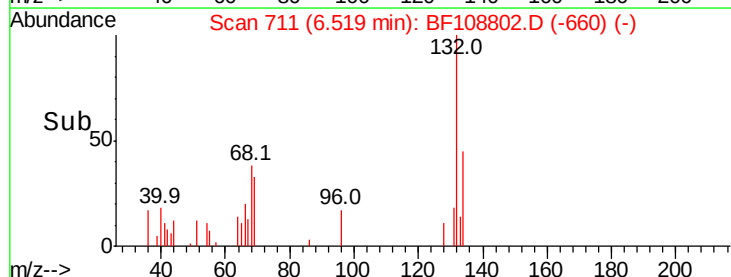
128 100

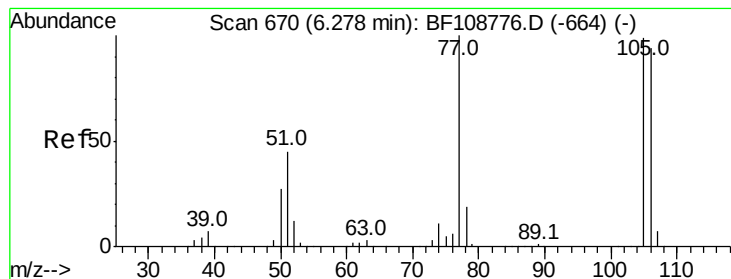
130 0.0 13.0 53.0#

64 126.1 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.164 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.09 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampled :

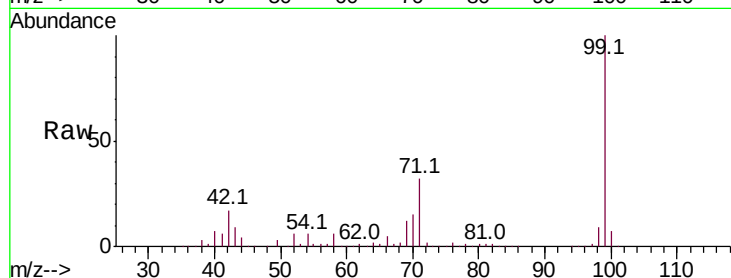
Tot Ion: 77 Resp: 2220

Ion Ratio Lower Upper

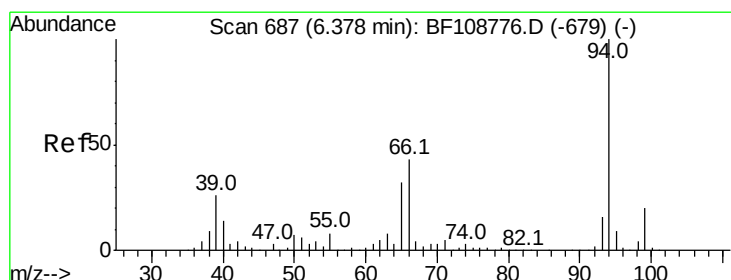
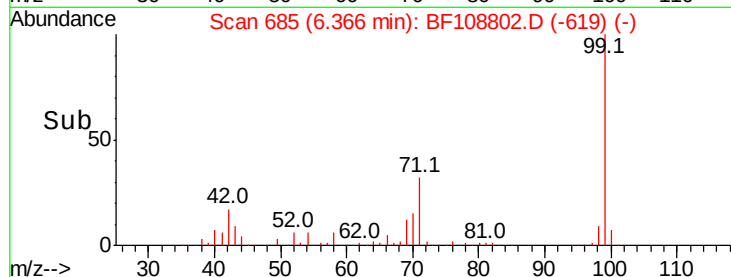
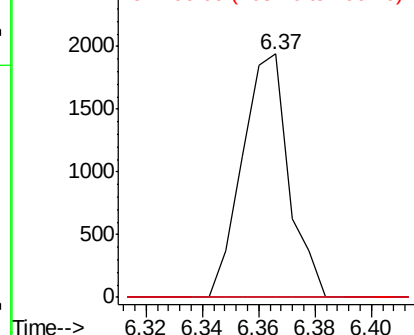
77 100

105 0.0 81.1 121.1#

106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.661 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

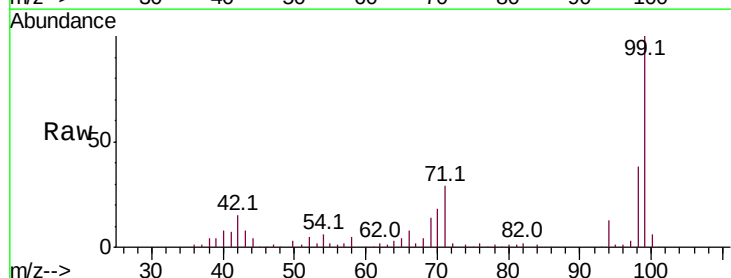
Tgt Ion: 94 Resp: 14449

Ion Ratio Lower Upper

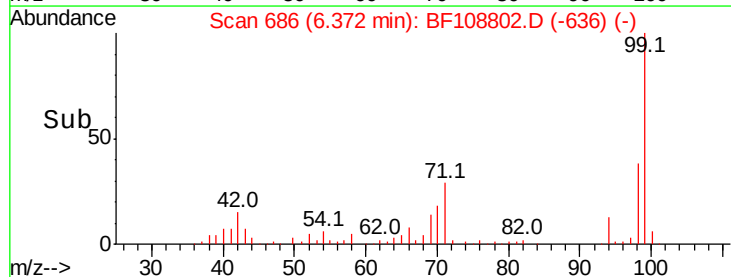
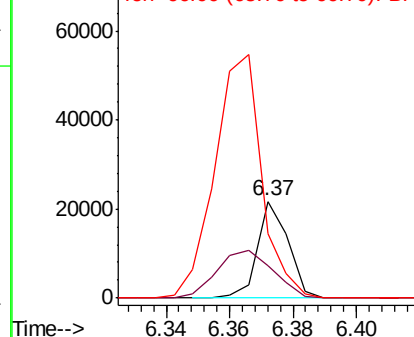
94 100

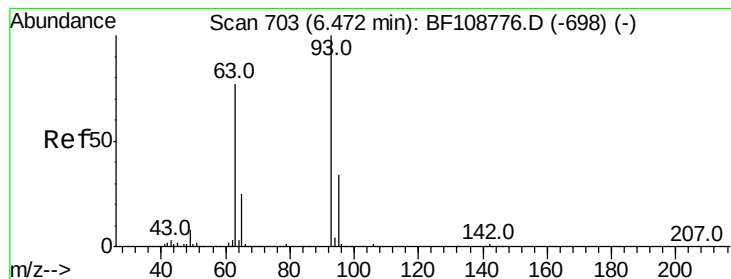
65 33.7 7.9 47.9

66 66.5 16.2 56.2#



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

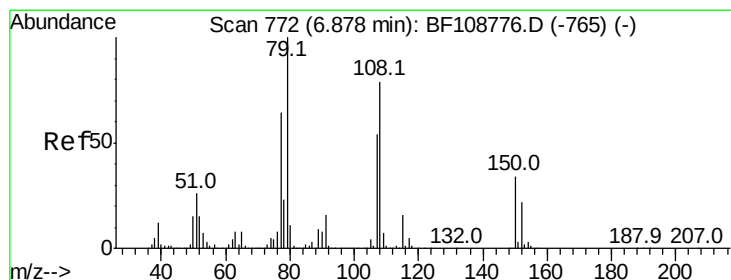
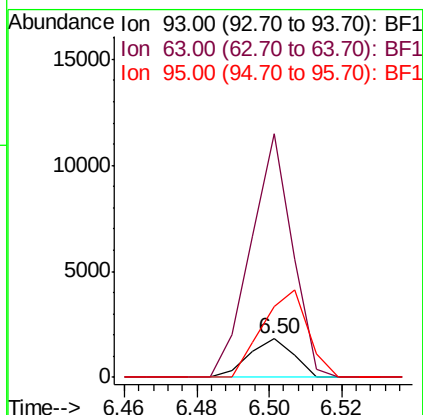
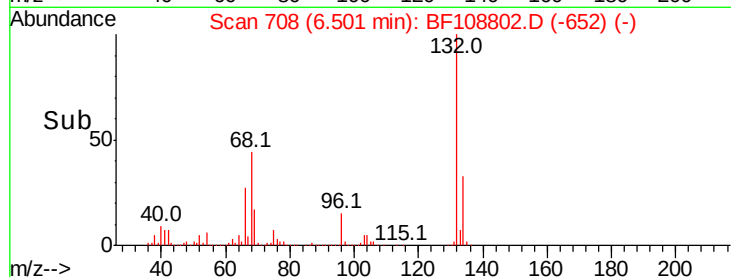
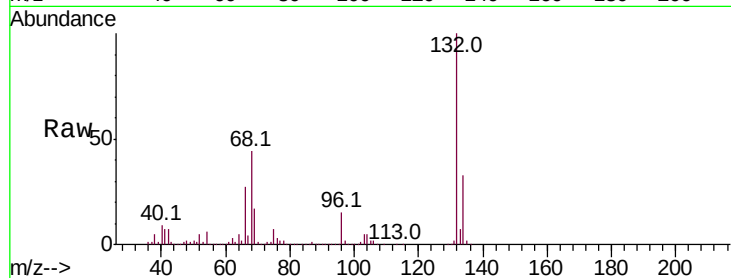




#11
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 6.50 min Scan# 708
Delta R.T. 0.03 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

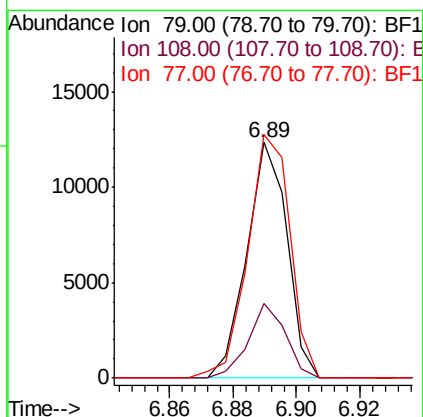
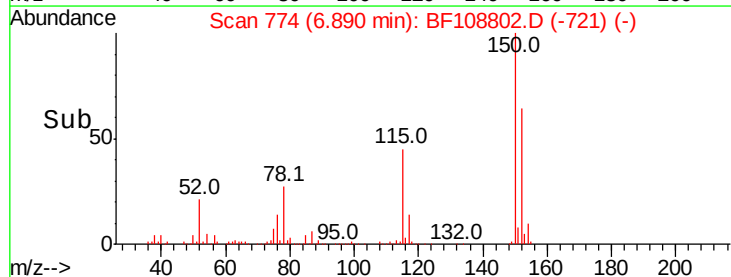
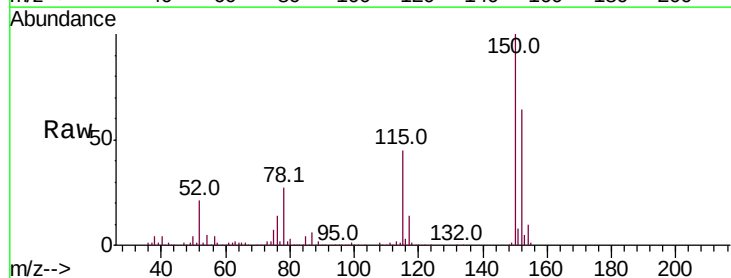
Instrument :
BNA_F
ClientSampleId :

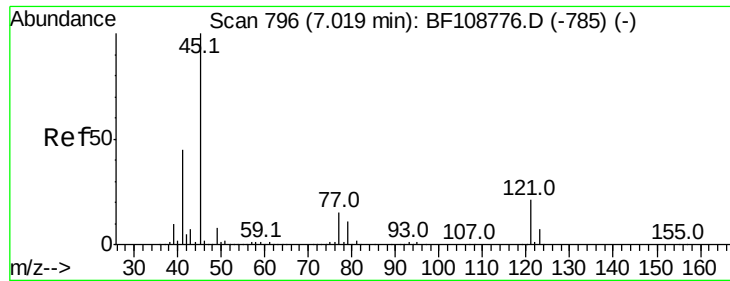
Tot Ion: 93 Resp: 1554
Ion Ratio Lower Upper
93 100
63 633.8 58.6 98.6#
95 185.7 11.8 51.8#



#15
Benzyl Alcohol
Concen: 0.741 ng
RT: 6.89 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 79 Resp: 10842
Ion Ratio Lower Upper
79 100
108 31.4 65.1 97.7#
77 103.4 50.6 75.8#

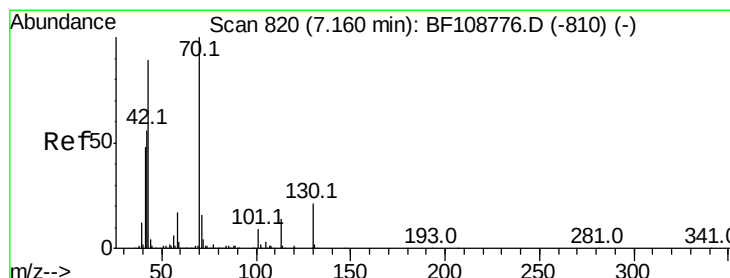
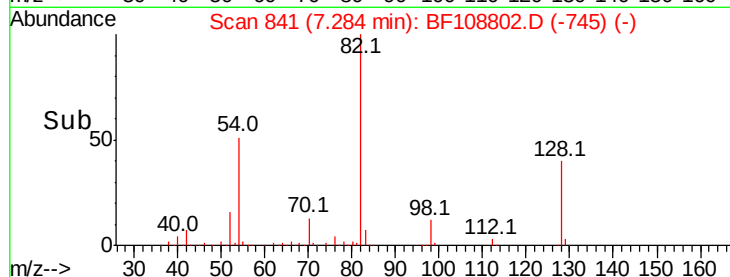
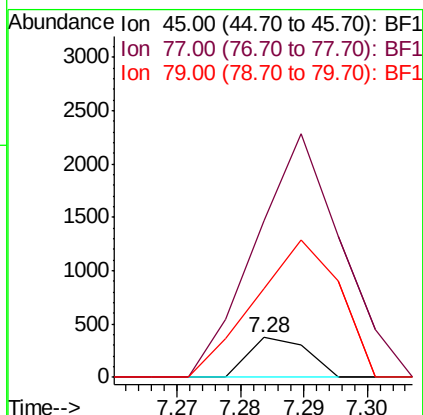
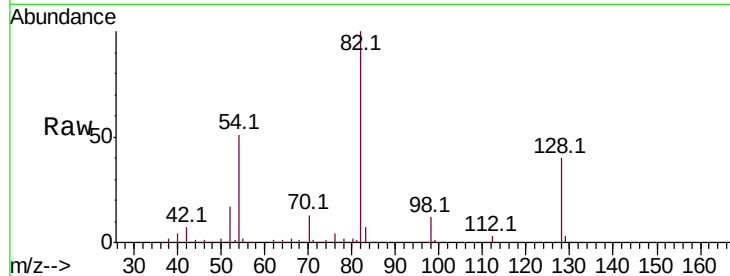




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.009 ng
 RT: 7.28 min Scan# 841
 Delta R.T. 0.26 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

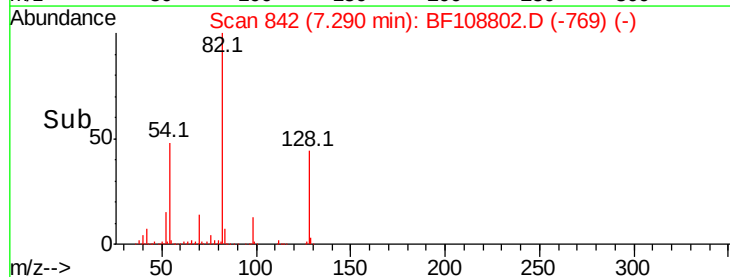
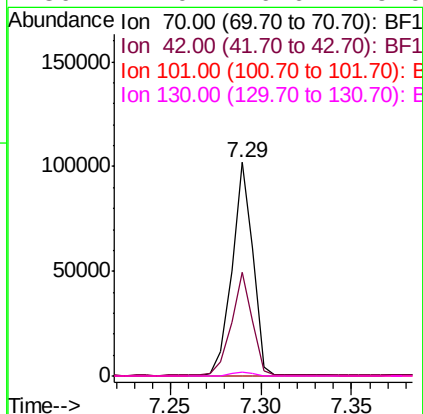
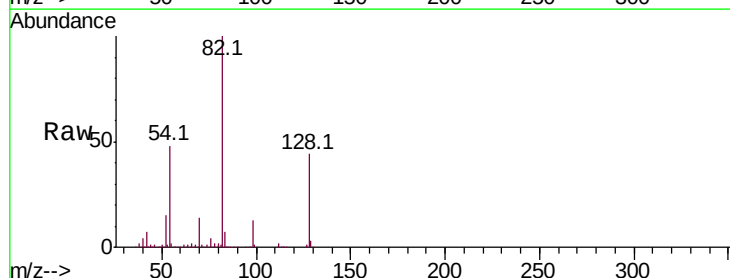
Instrument :
 BNA_F
 ClientSampleId :

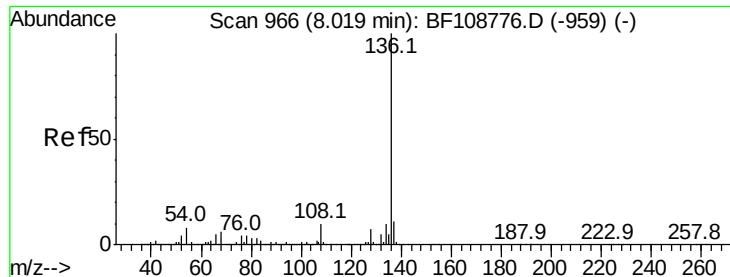
Tot Ion: 45 Resp: 240
 Ion Ratio Lower Upper
 45 100
 77 393.8 0.0 32.9#
 79 224.7 0.0 29.6#



#19
 n-Nitroso-di-n-propylamine
 Concen: 6.217 ng
 RT: 7.29 min Scan# 842
 Delta R.T. 0.13 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion: 70 Resp: 82444
 Ion Ratio Lower Upper
 70 100
 42 48.5 47.5 71.3
 101 0.0 7.4 11.2#
 130 2.0 16.6 25.0#

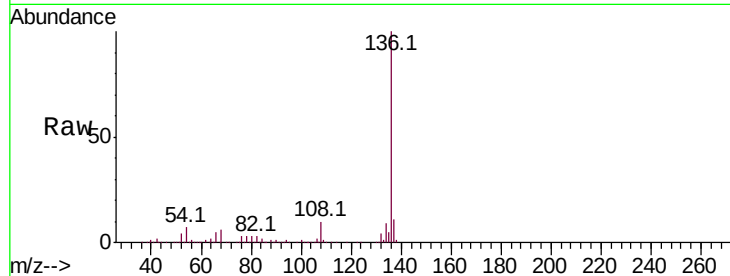




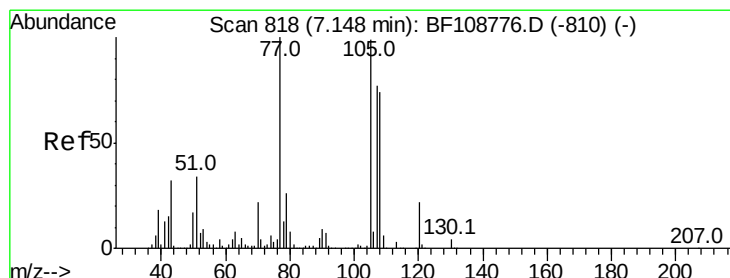
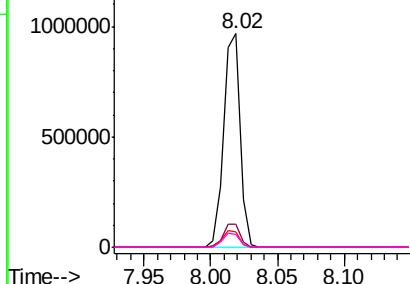
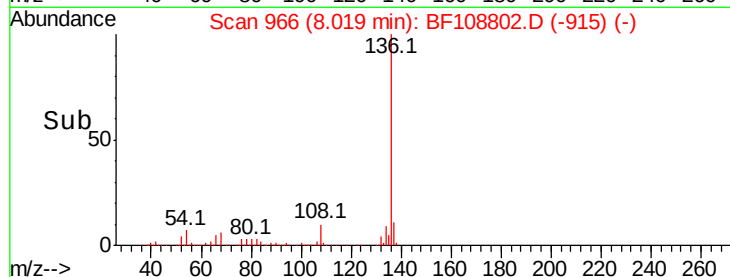
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	850874
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.2	6.6 9.8
68	6.3	5.0 7.4

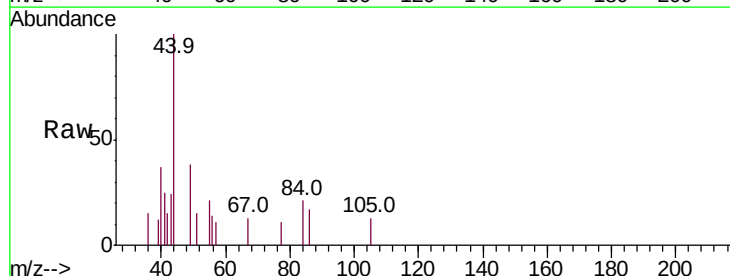


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

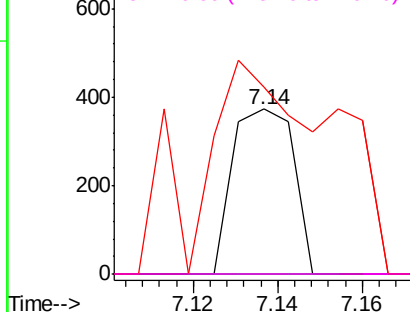
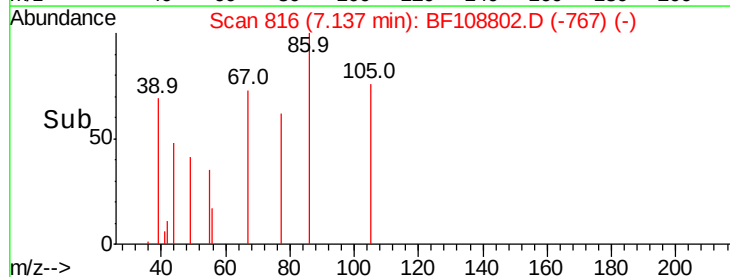


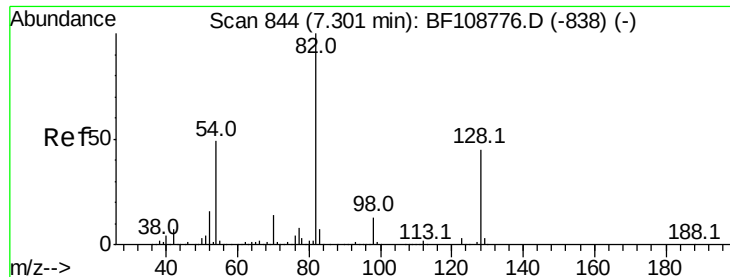
#22
Acetophenone
Concen: 0.019 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:105	Resp:	375
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.4 6.6#
51	113.7	22.3 33.5#
120	0.0	16.9 25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

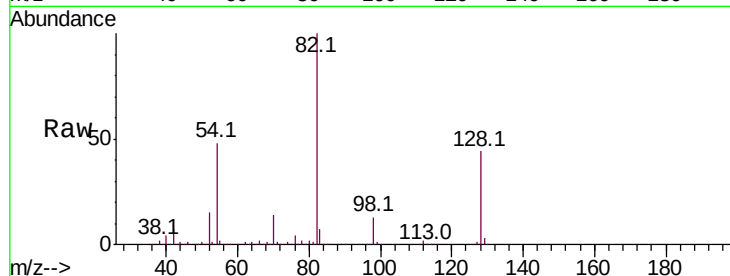




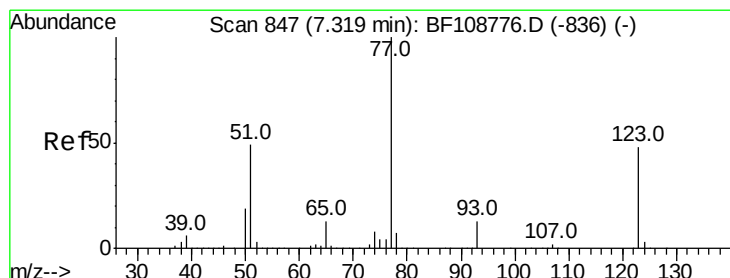
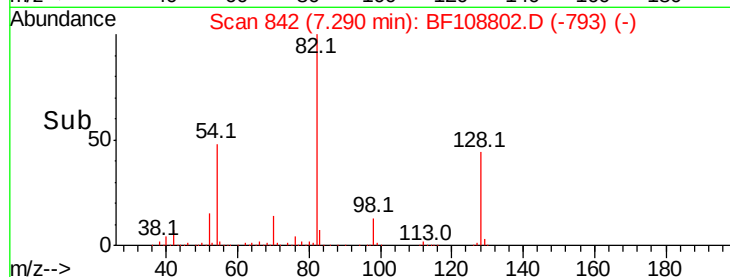
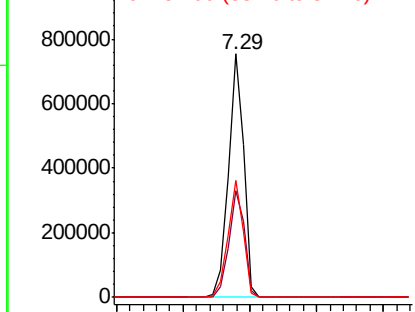
#23
Nitrobenzene-d5
Concen: 44.967 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 611394
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 47.8 41.4 62.2

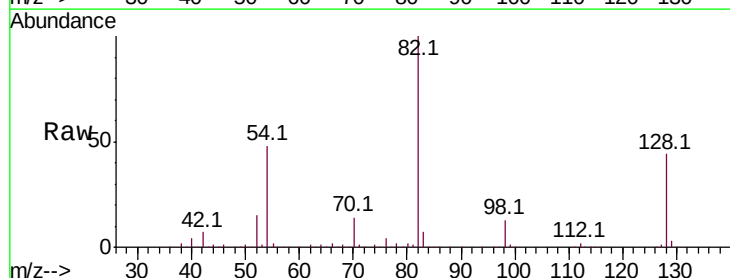


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

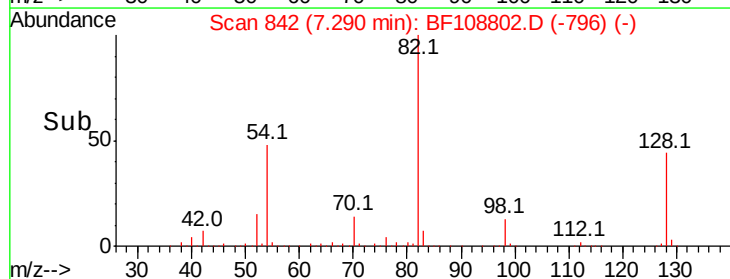
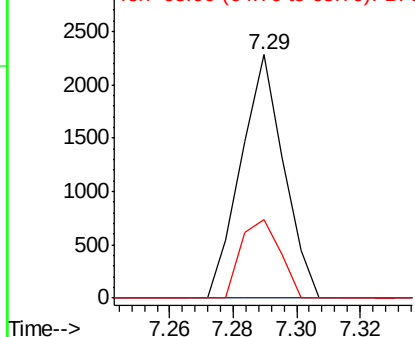


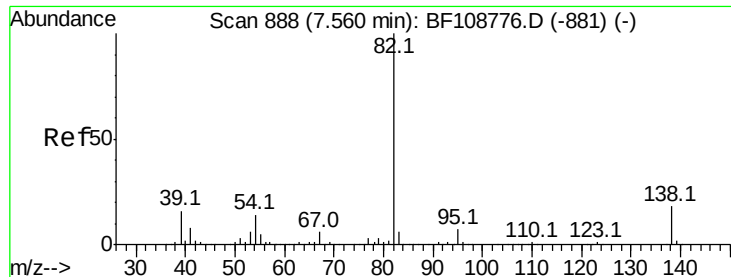
#24
Nitrobenzene
Concen: 0.147 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 77 Resp: 2144
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 32.1 11.0 16.4#



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: 22.429 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

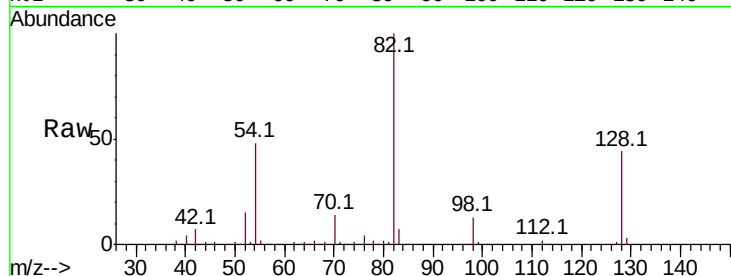
Tot Ion: 82 Resp: 608277

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

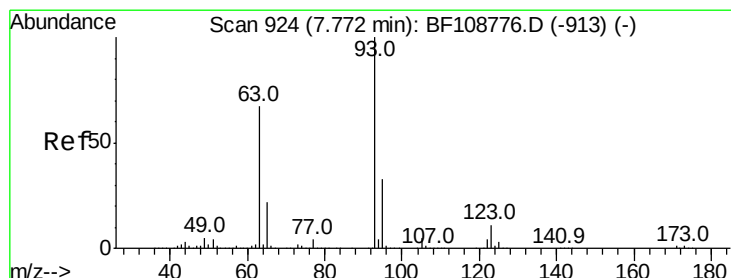
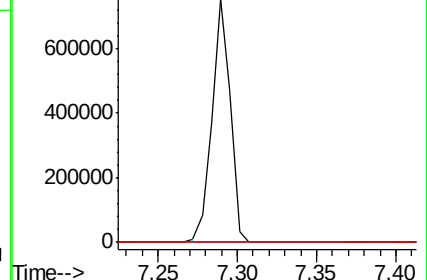
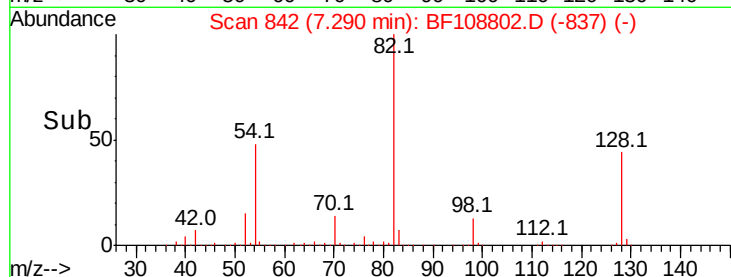
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#28

bis(2-Chloroethoxy)methane

Concen: 0.006 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.25 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

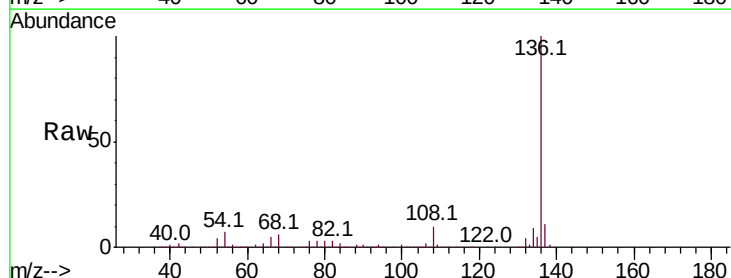
Tgt Ion: 93 Resp: 110

Ion Ratio Lower Upper

93 100

95 185.6 26.3 39.5#

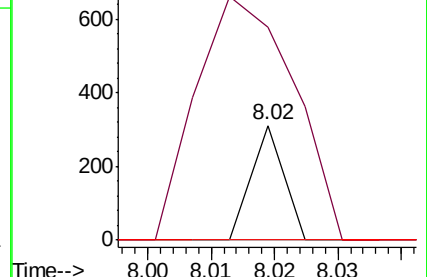
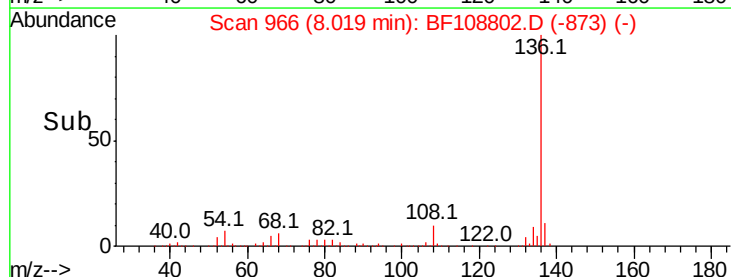
123 0.0 9.8 14.6#

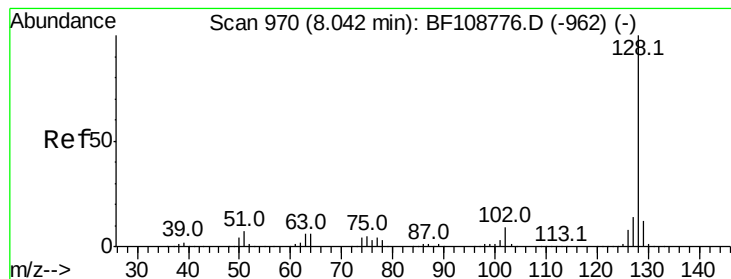


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 0.004 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

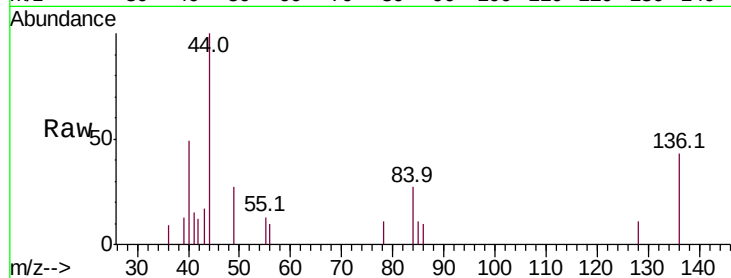
Tot Ion:128 Resp: 136

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

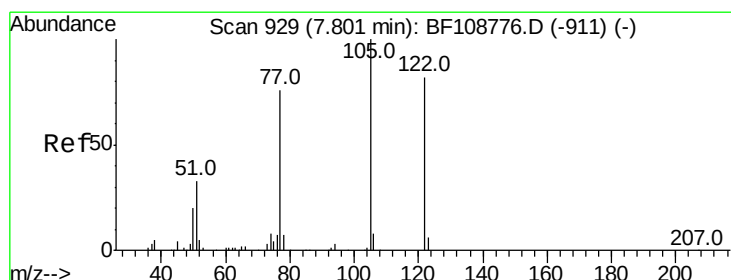
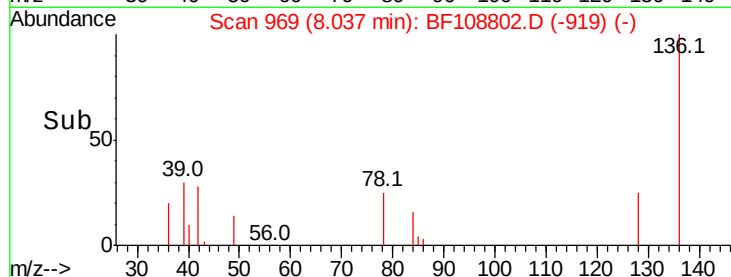
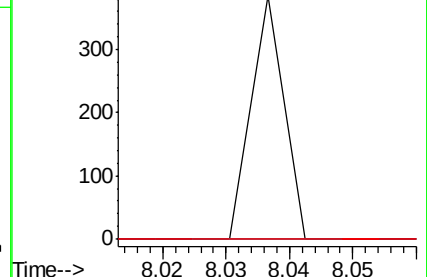
127 0.0 10.9 16.3#



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: 4.055 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

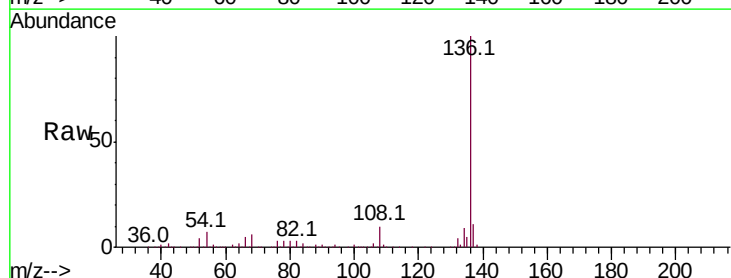
Tgt Ion:122 Resp: 276

Ion Ratio Lower Upper

122 100

105 190.8 101.1 141.1#

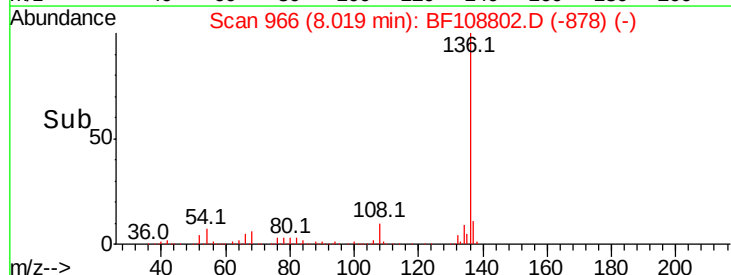
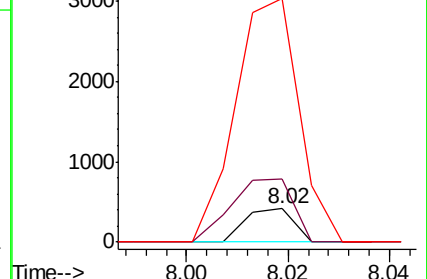
77 732.4 70.7 110.7#

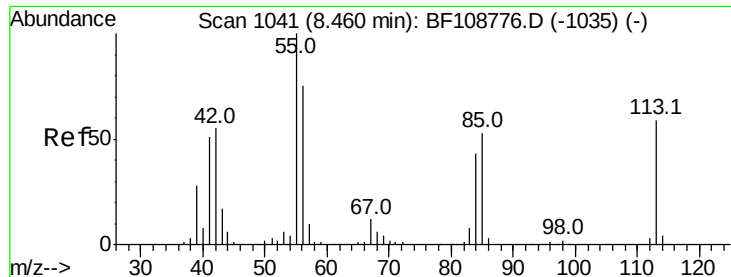


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

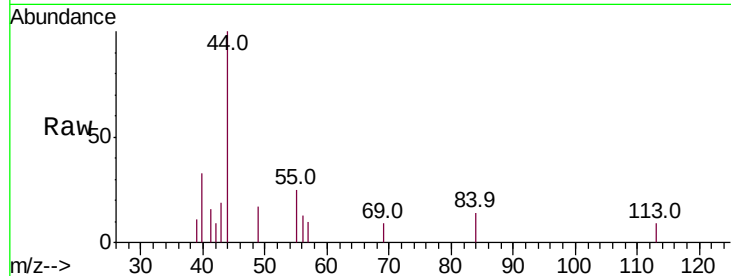




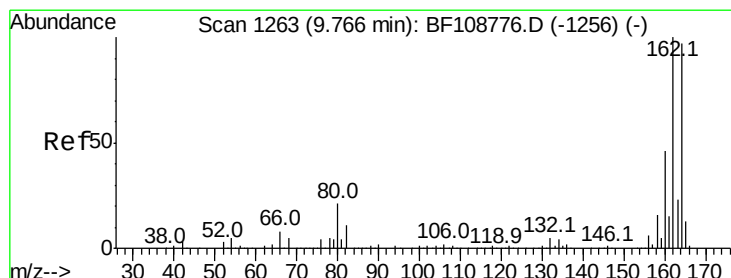
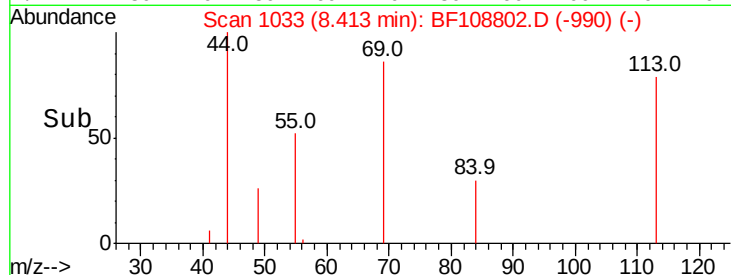
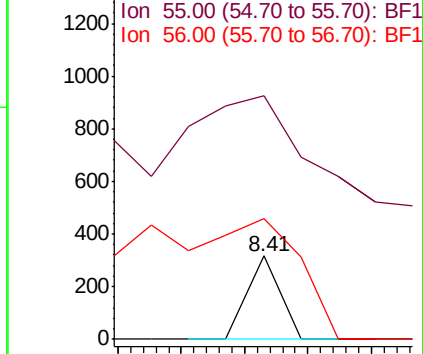
#35
Caprolactam
Concen: 0.027 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 112
Ion Ratio Lower Upper
113 100
55 291.8 163.3 203.3#
56 144.5 115.7 155.7

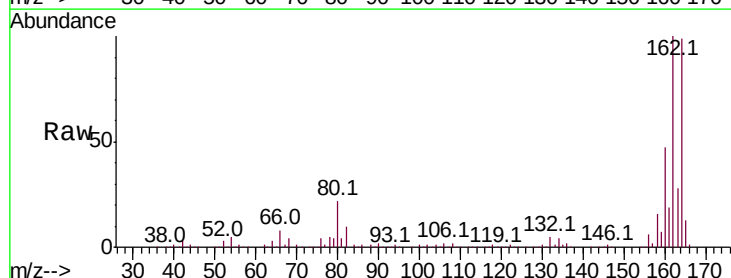


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

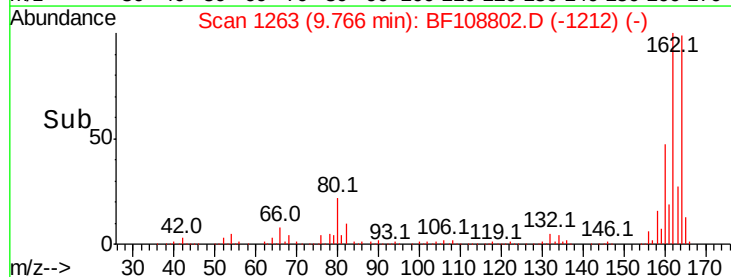
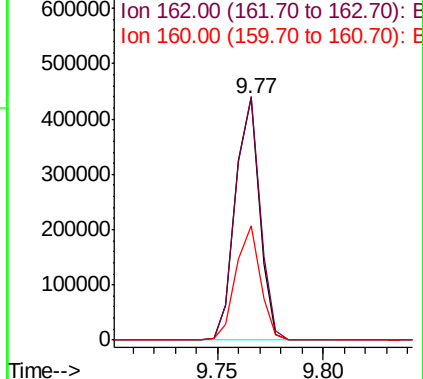


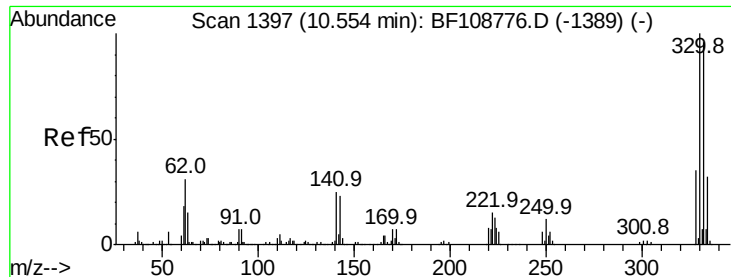
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:164 Resp: 345593
Ion Ratio Lower Upper
164 100
162 100.7 86.1 129.1
160 47.5 38.3 57.5



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

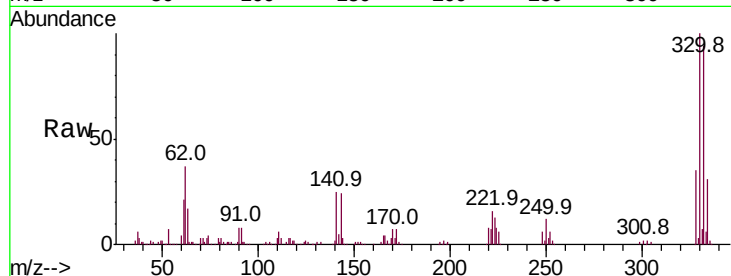




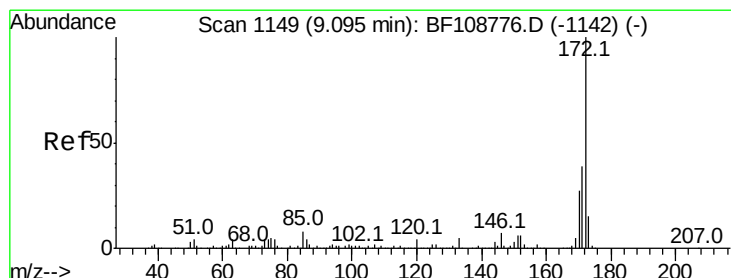
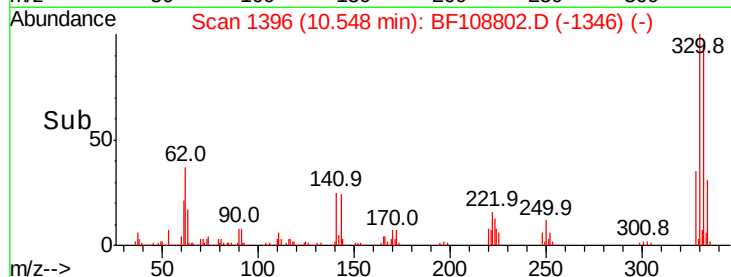
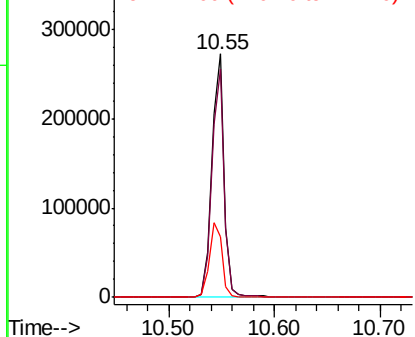
#41
 2,4,6-Tribromophenol
 Concen: 67.960 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.7	29.9	44.9

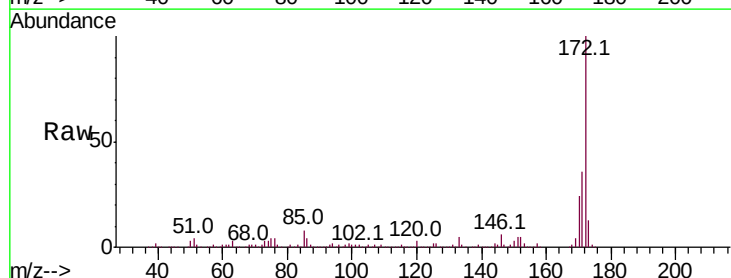


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

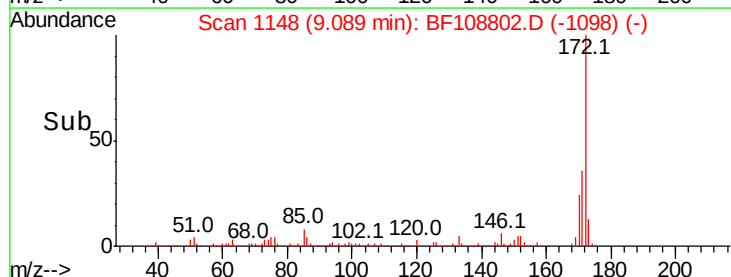
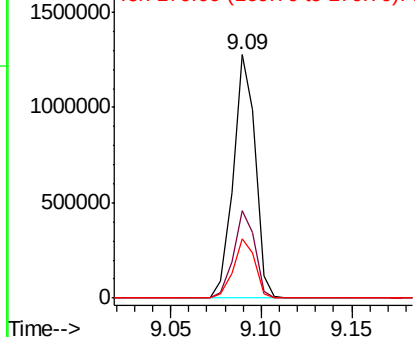


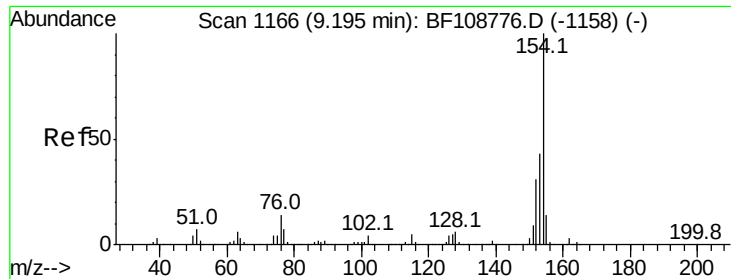
#44
 2-Fluorobiphenyl
 Concen: 52.920 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.5	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 0.063 ng

RT: 9.19 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

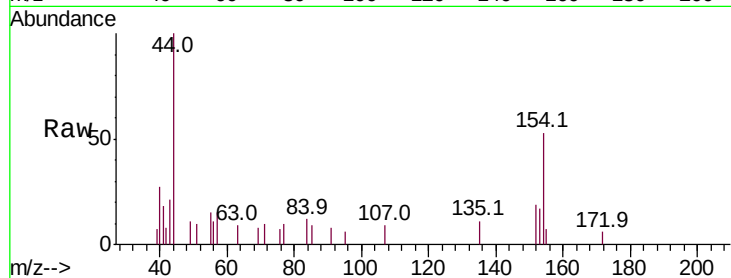
Tot Ion:154 Resp: 1689

Ion Ratio Lower Upper

154 100

153 33.0 21.3 61.3

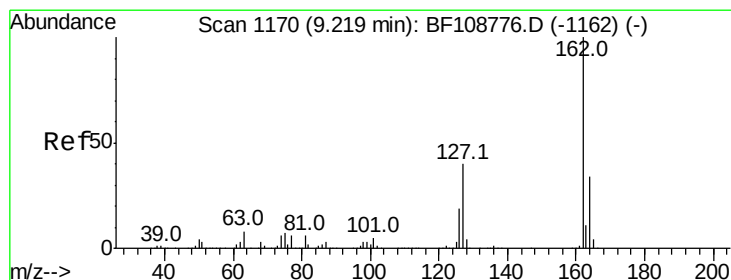
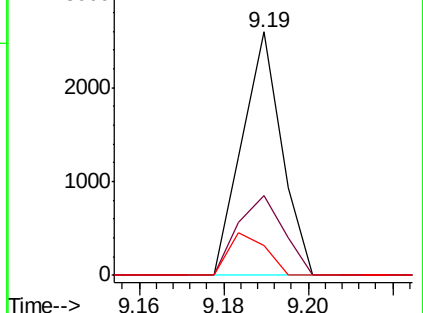
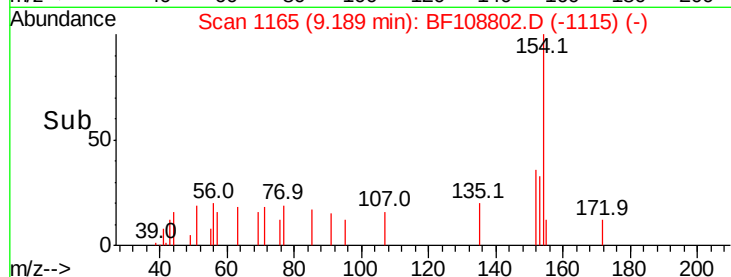
76 12.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 0.103 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.26 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

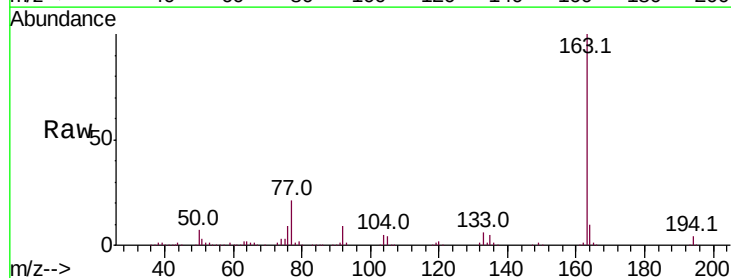
Tgt Ion:162 Resp: 2213

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

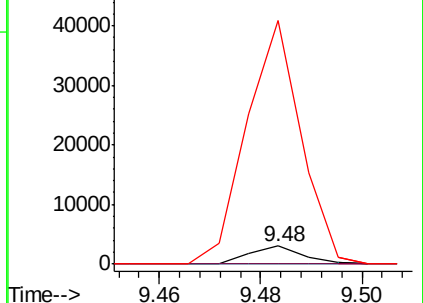
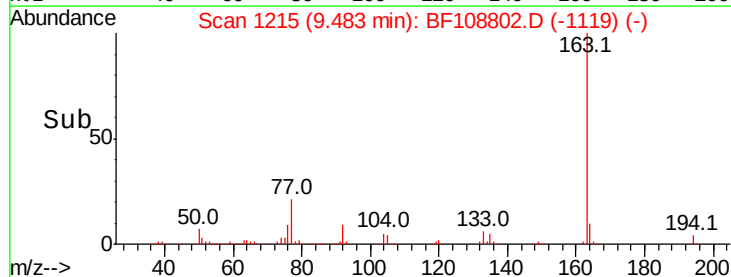
164 1340.9 26.5 39.7#

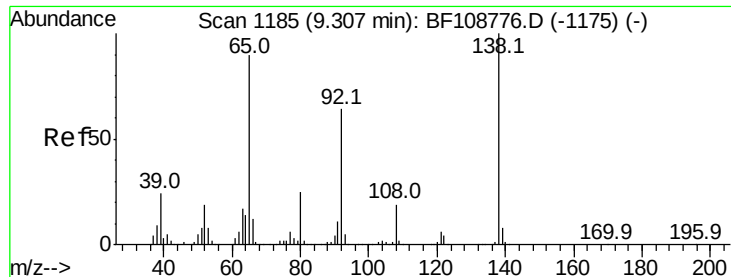


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.050 ng

RT: 9.21 min Scan# 1169

Delta R.T. -0.09 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampled :

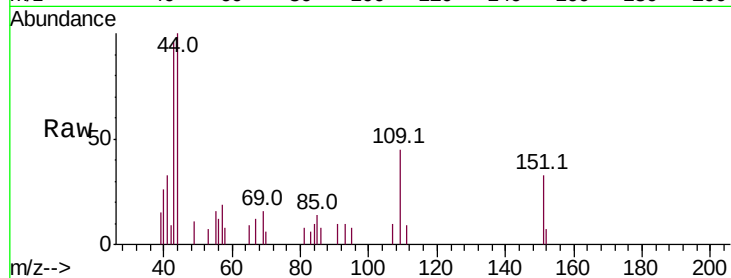
Tot Ion: 65 Resp: 296

Ion Ratio Lower Upper

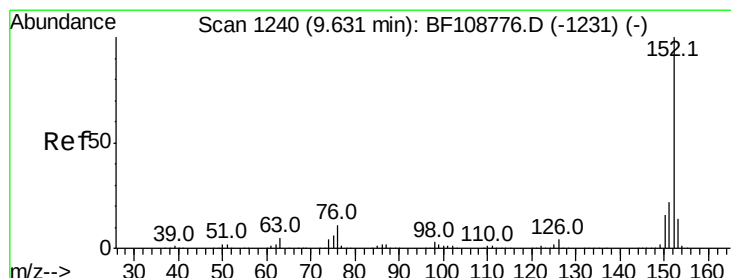
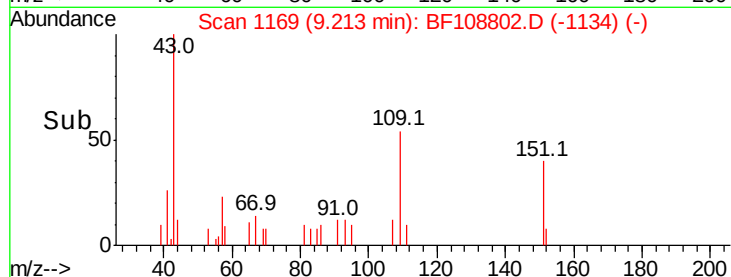
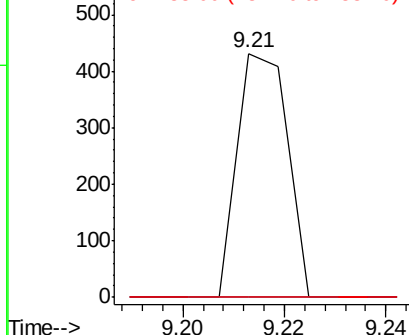
65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



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): BF1



#48

Acenaphthylene

Concen: 0.044 ng

RT: 9.62 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

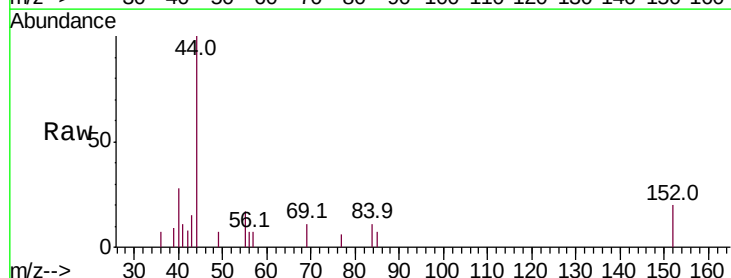
Tgt Ion: 152 Resp: 1422

Ion Ratio Lower Upper

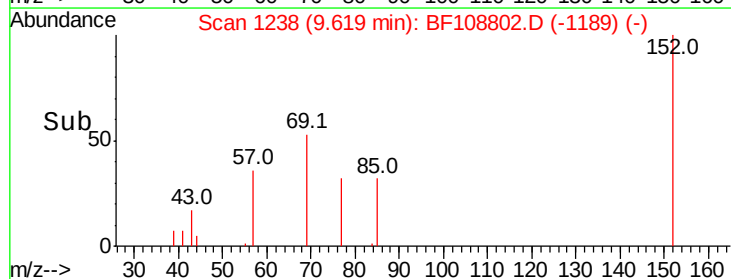
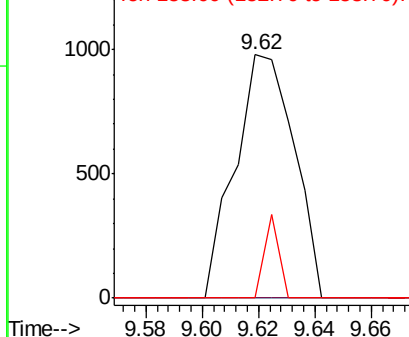
152 100

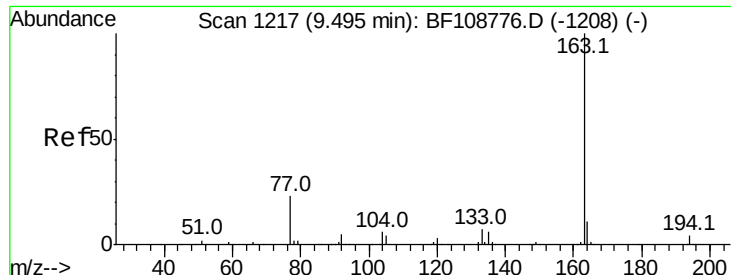
151 0.0 16.3 24.5#

153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 12.814 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampled :

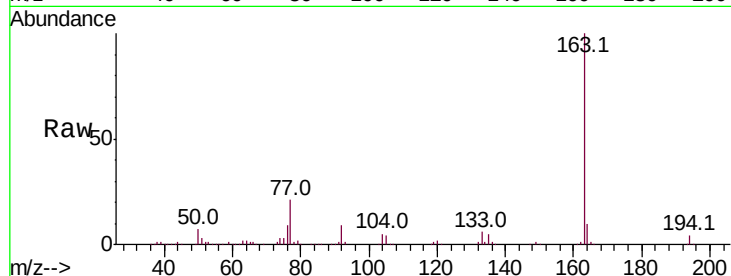
Tot Ion:163 Resp: 309733

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

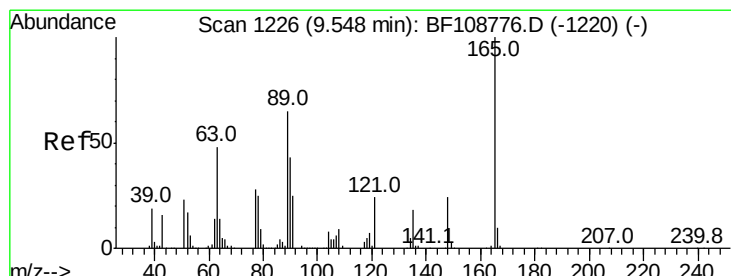
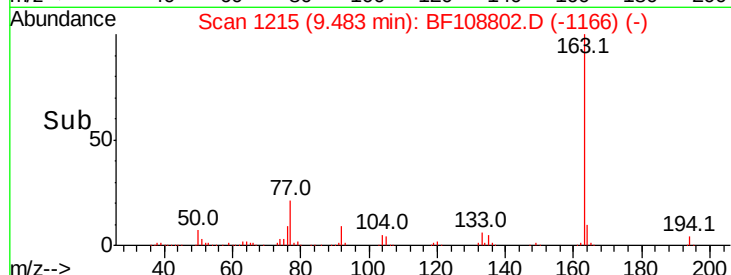
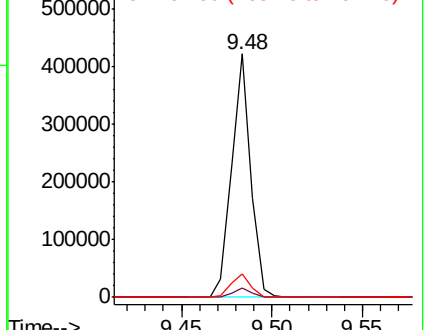
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.756 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.06 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

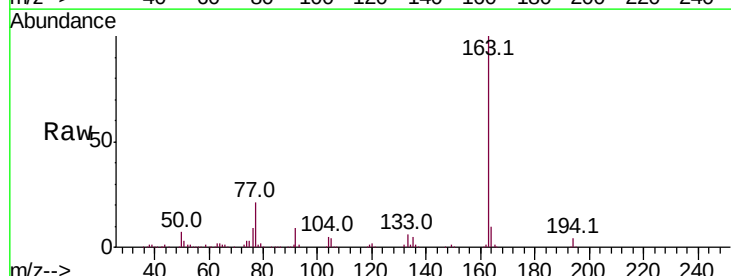
Tgt Ion:165 Resp: 3483

Ion Ratio Lower Upper

165 100

63 140.2 44.7 67.1#

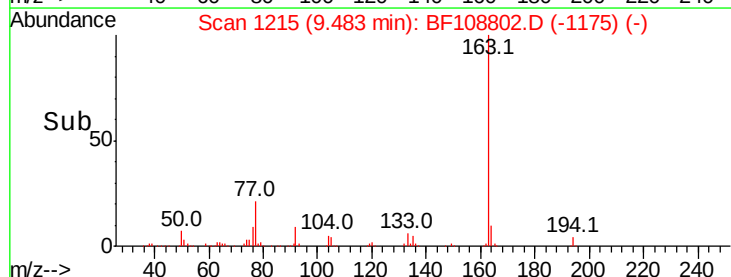
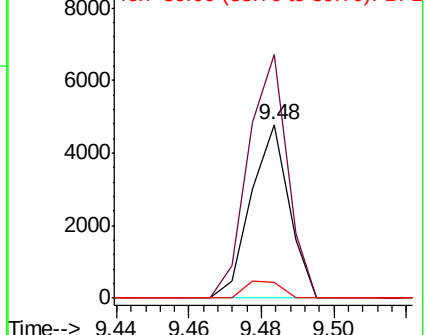
89 9.2 44.0 66.0#

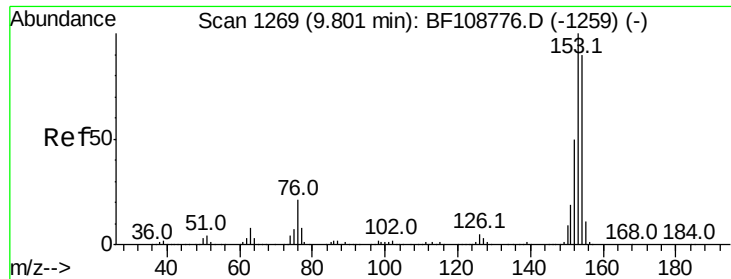


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.006 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

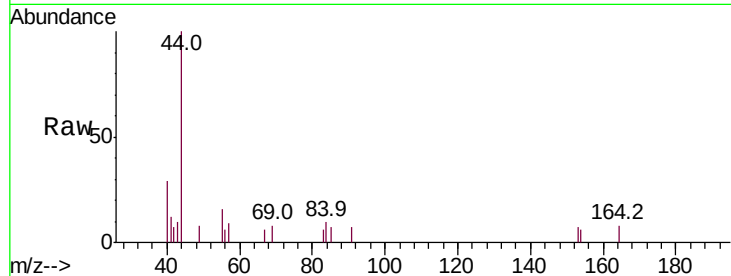
Tot Ion:154 Resp: 117

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

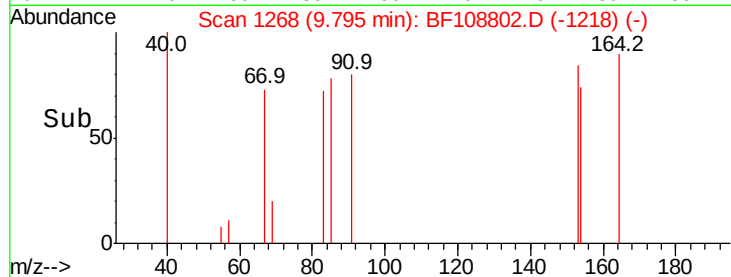
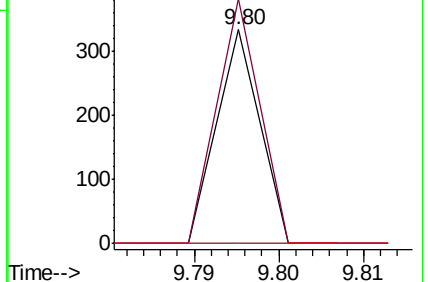
152 0.0 43.8 65.8#



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: 7.623 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Tgt Ion:165 Resp: 44901

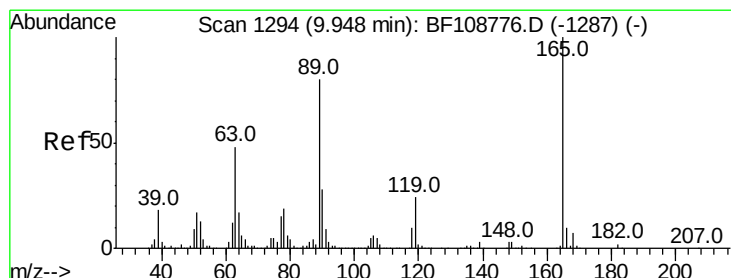
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

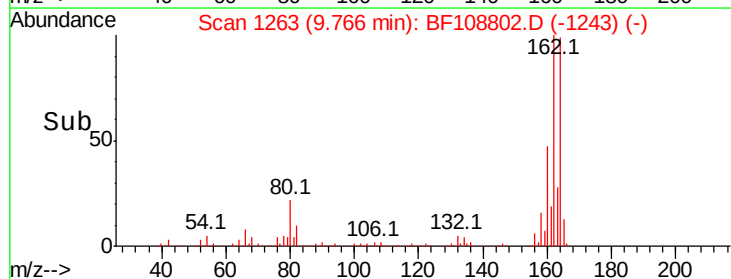
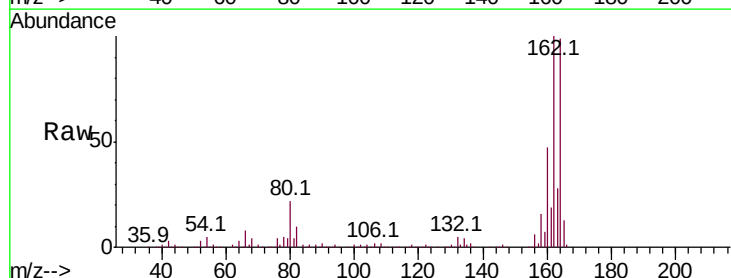
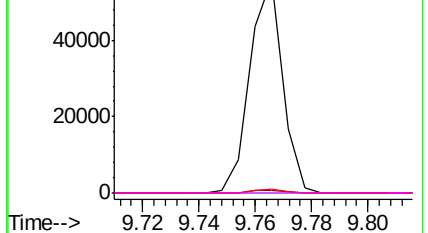


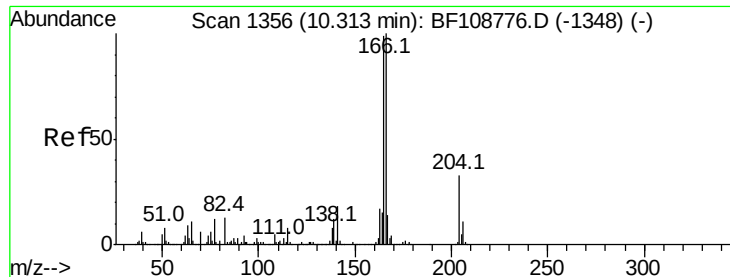
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.570 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.23 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

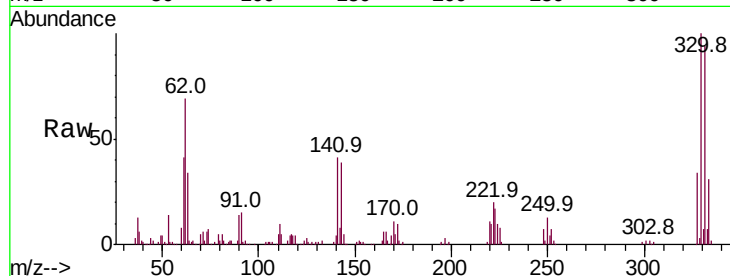
Tot Ion:166 Resp: 10582

Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.8

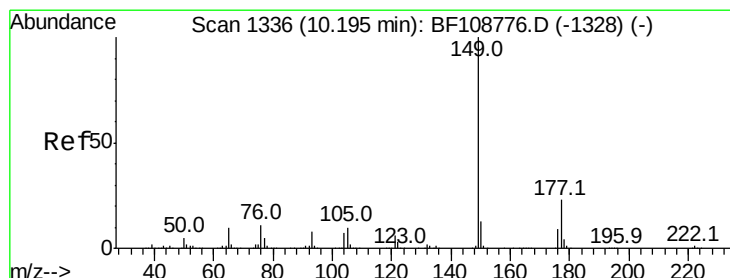
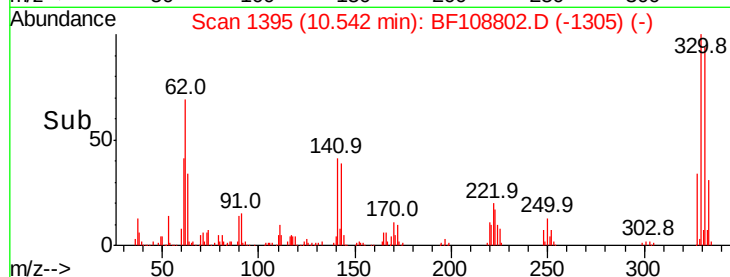
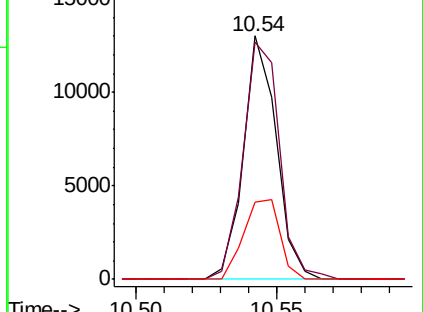
167 31.8 10.6 16.0#



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: 0.112 ng

RT: 10.18 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

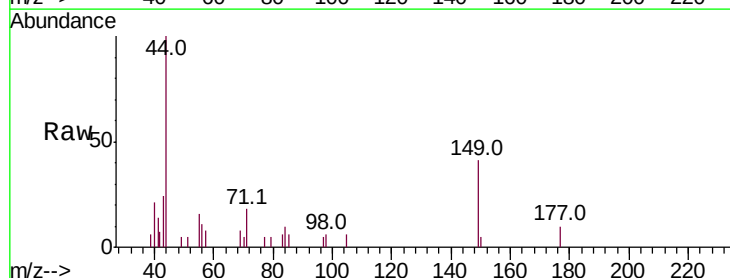
Tgt Ion:149 Resp: 2803

Ion Ratio Lower Upper

149 100

177 25.0 16.1 24.1#

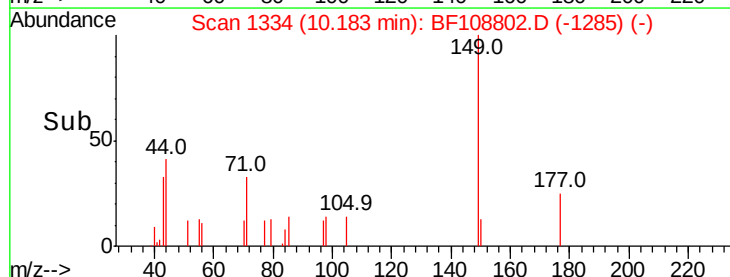
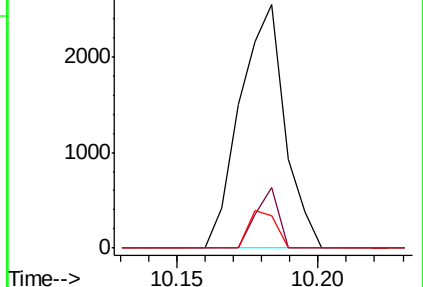
150 13.3 10.1 15.1

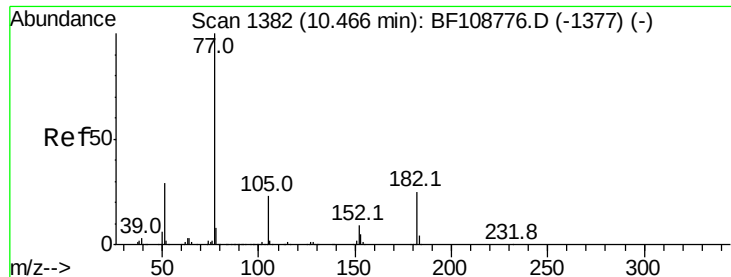


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.055 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.08 min

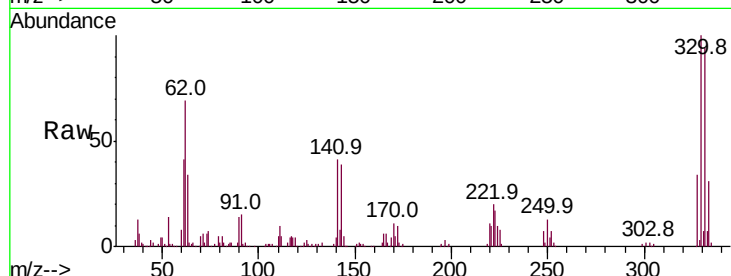
Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 1407

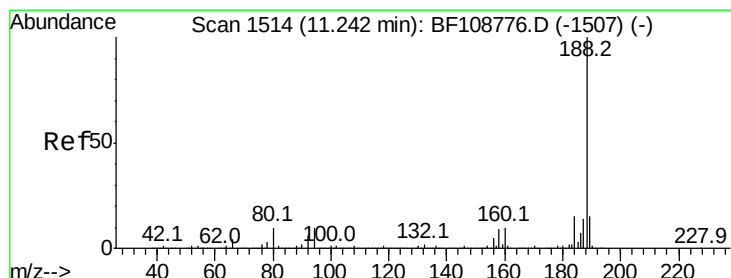
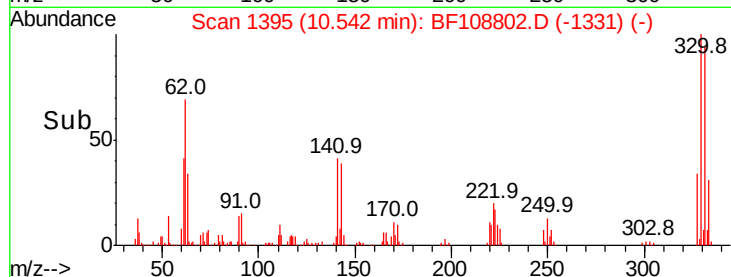
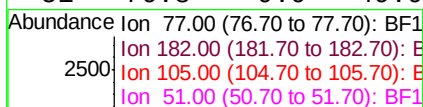
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 70.1 3.0 43.0#

51 76.8 9.9 49.9#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

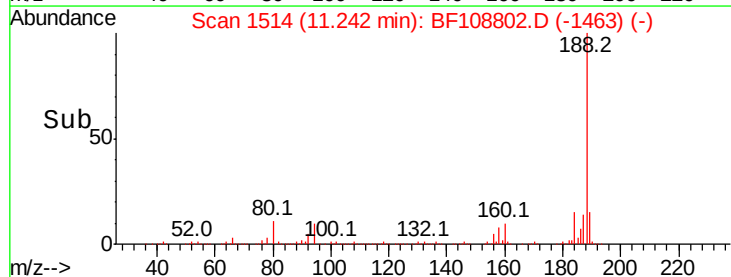
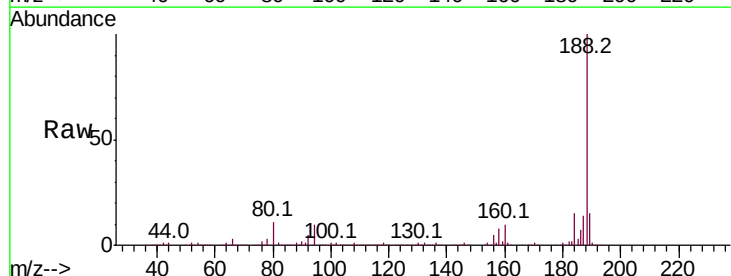
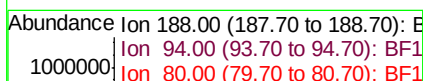
Tgt Ion: 188 Resp: 638737

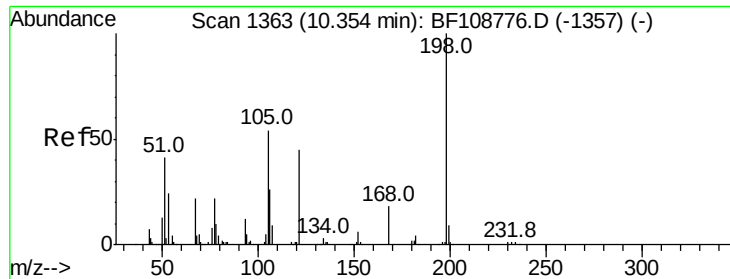
Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 10.9 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.054 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

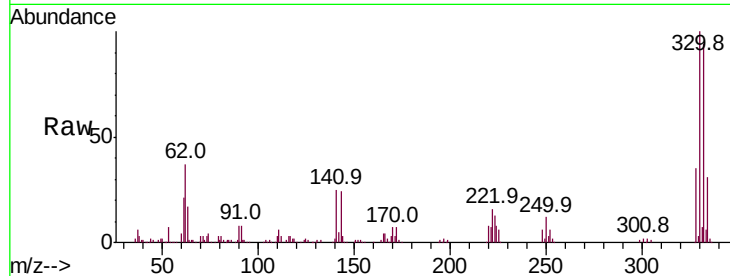
Tot Ion:198 Resp: 544

Ion Ratio Lower Upper

198 100

51 128.9 37.7 77.7#

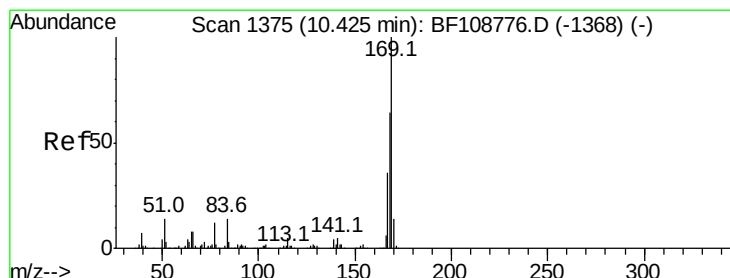
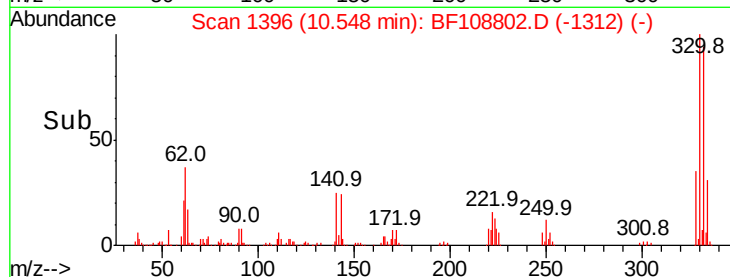
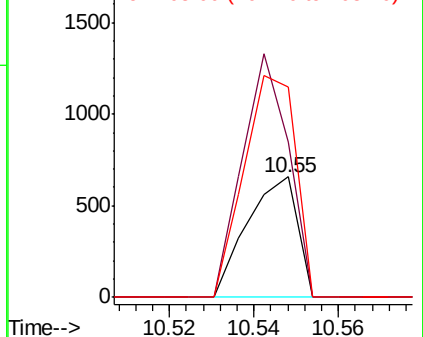
105 174.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.334 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.12 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

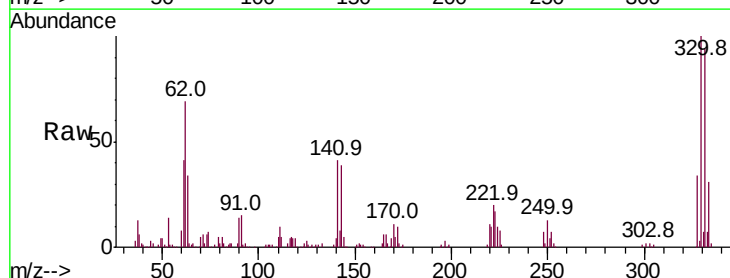
Tgt Ion:169 Resp: 7085

Ion Ratio Lower Upper

169 100

168 6.2 54.4 81.6#

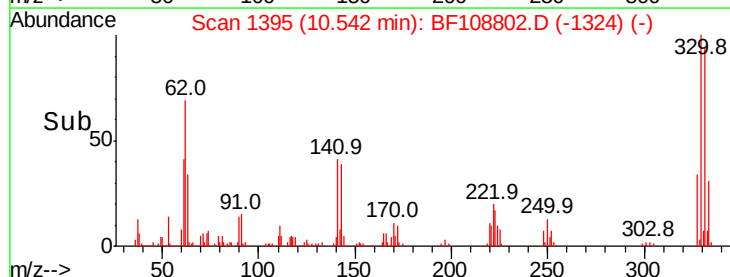
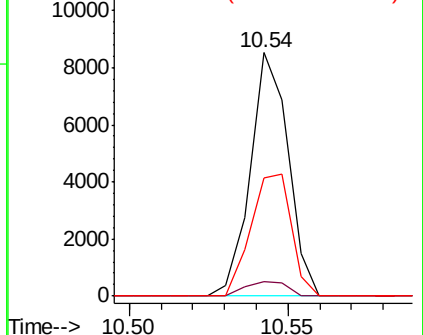
167 48.5 29.8 44.6#

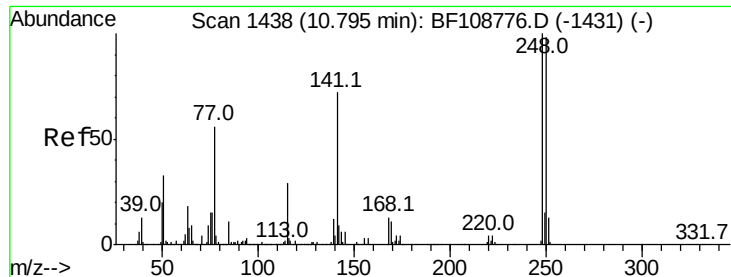


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

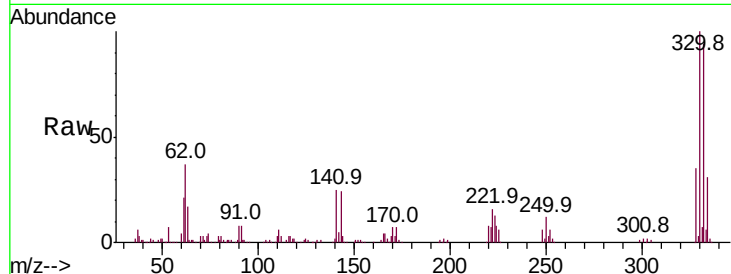




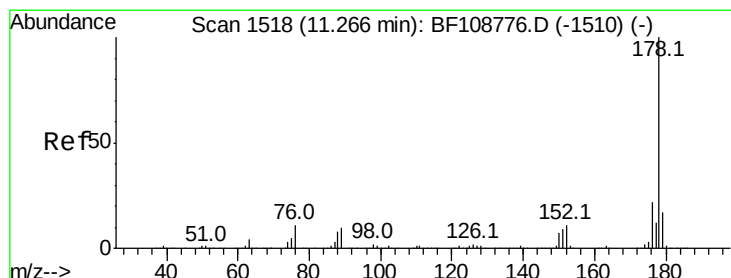
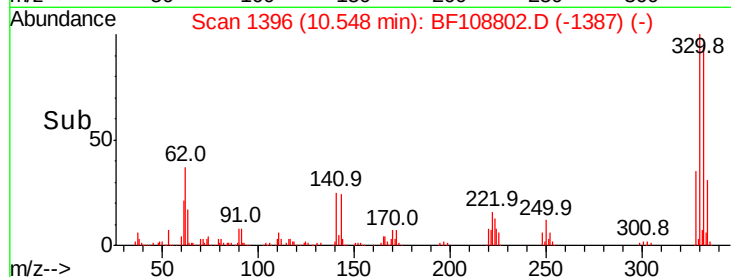
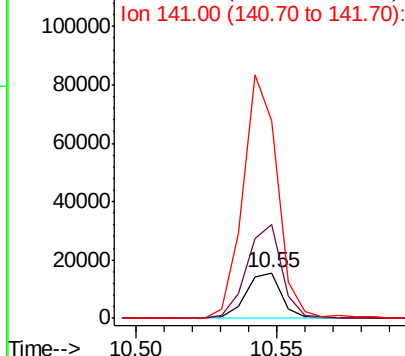
#66
4-Bromophenyl-phenylether
Concen: 1.877 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13542
Ion Ratio Lower Upper
248 100
250 204.6 76.9 115.3#
141 431.8 74.4 111.6#

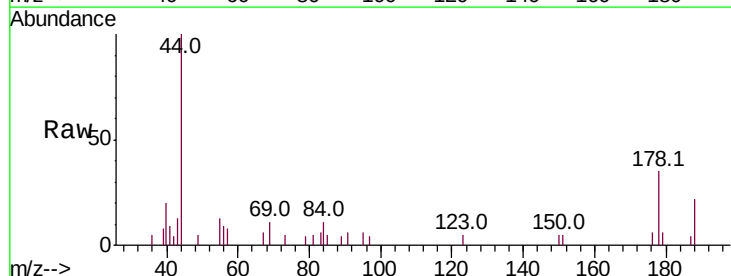


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

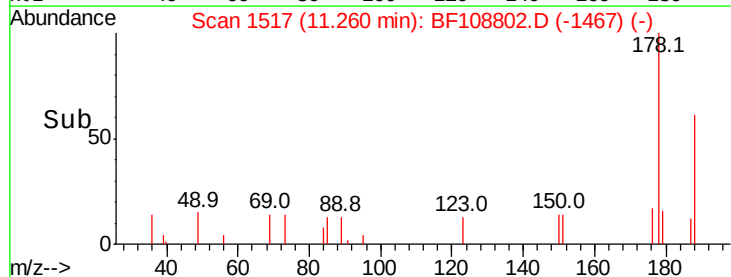
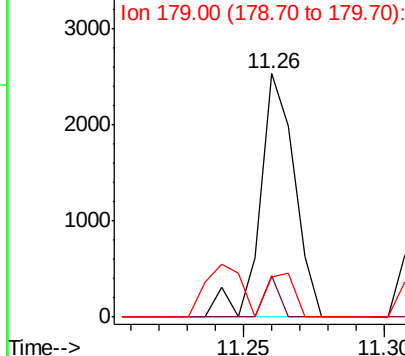


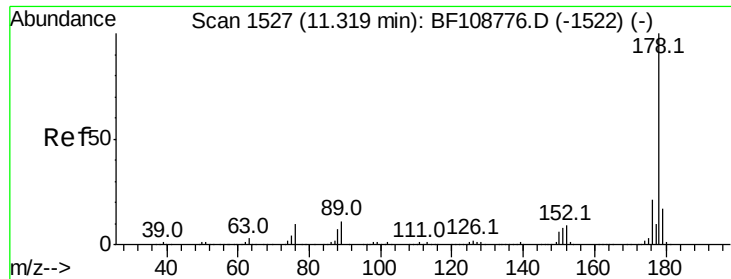
#70
Phenanthrene
Concen: 0.070 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:178 Resp: 2148
Ion Ratio Lower Upper
178 100
176 16.9 15.8 23.8
179 16.4 13.0 19.6



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

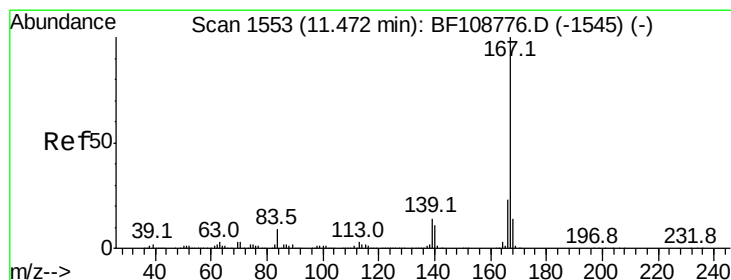
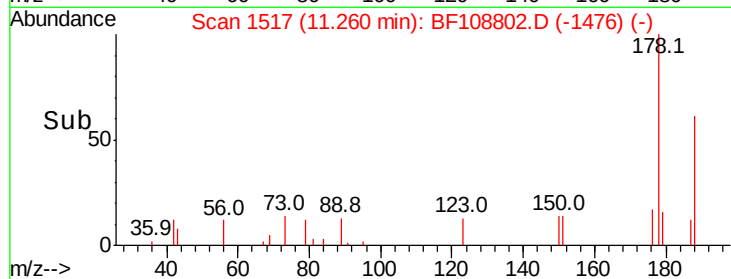
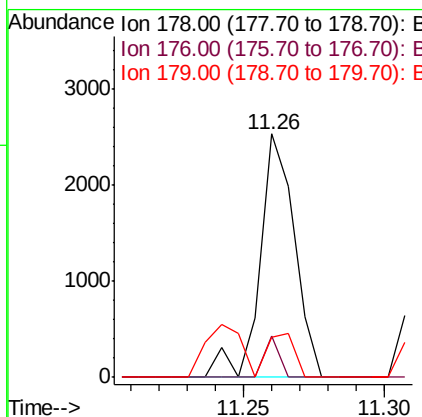
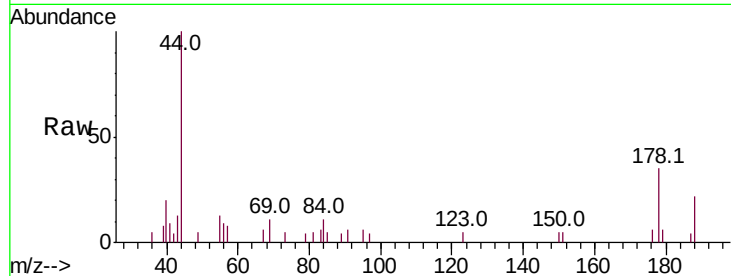




#71
 Anthracene
 Concen: 0.074 ng
 RT: 11.26 min Scan# 1517
 Delta R.T. -0.06 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

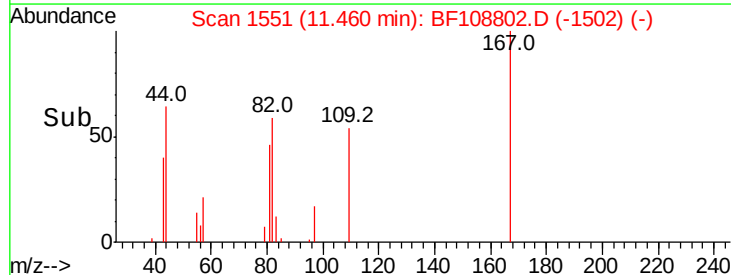
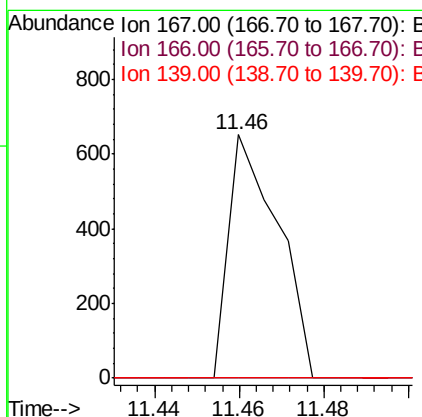
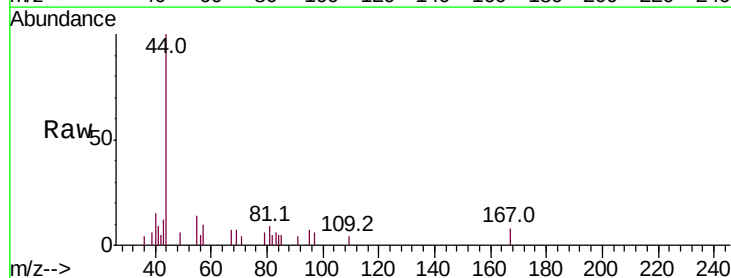
Instrument :
 BNA_F
 ClientSampleId :

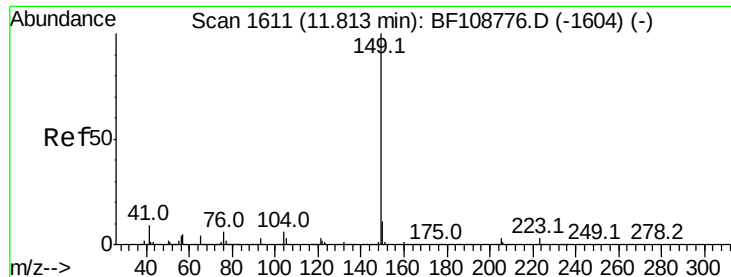
Tot Ion:178 Resp: 2148
 Ion Ratio Lower Upper
 178 100
 176 16.9 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 0.017 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion:167 Resp: 528
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.6 26.4#
 139 0.0 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 0.069 ng

RT: 11.81 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

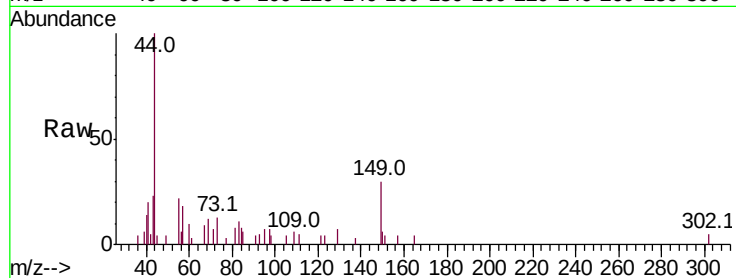
Tot Ion:149 Resp: 2345

Ion Ratio Lower Upper

149 100

150 19.9 7.8 11.6#

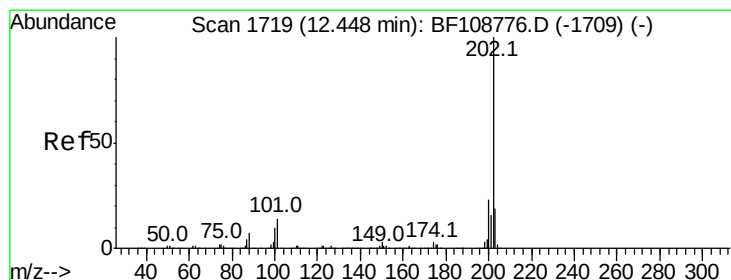
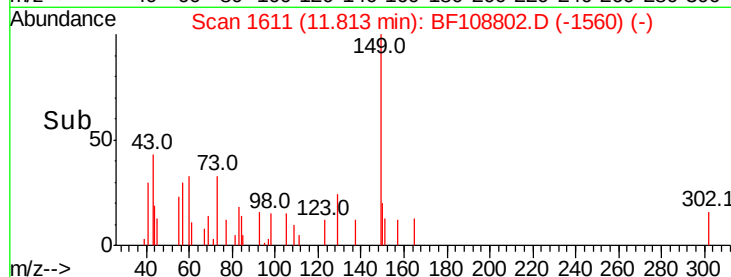
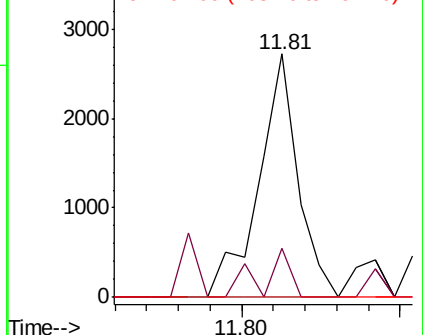
104 0.0 3.8 5.8#



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



#74

Fluoranthene

Concen: 0.157 ng

RT: 12.44 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

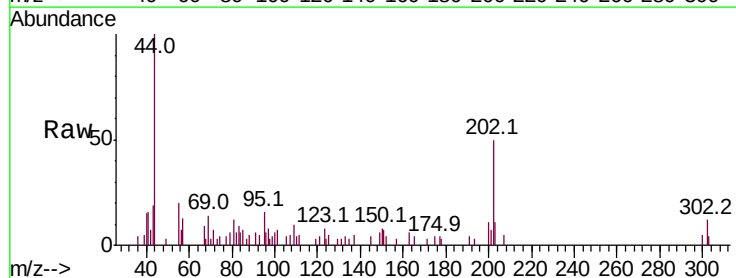
Tgt Ion:202 Resp: 4739

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

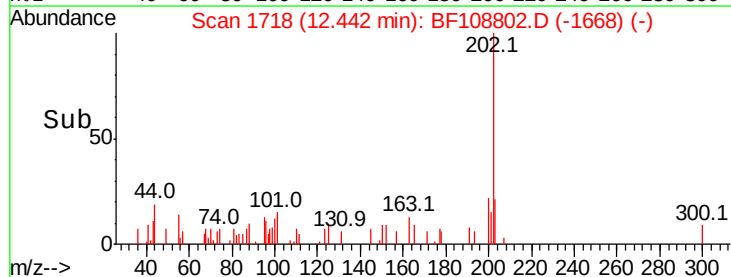
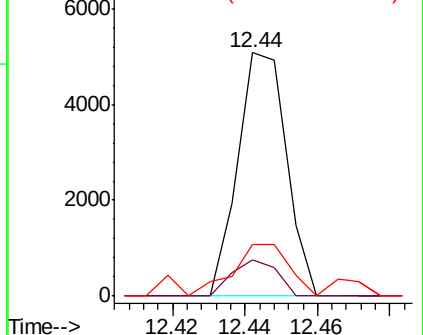
203 21.4 0.0 38.1

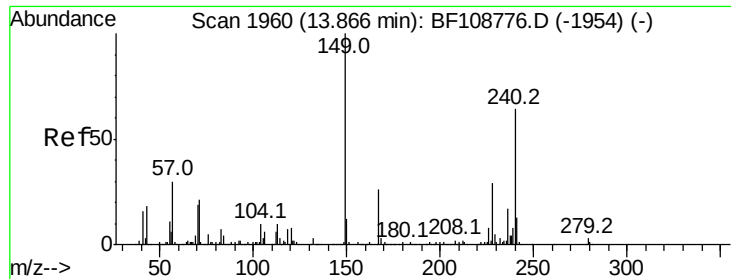


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampled :

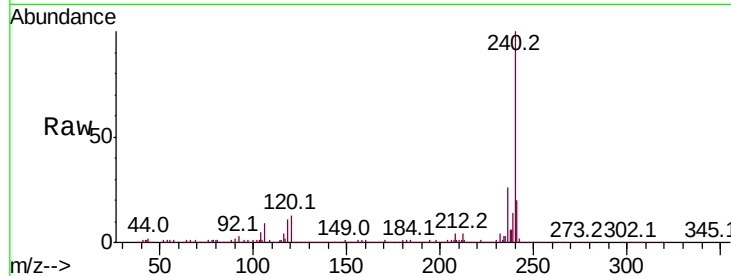
Tot Ion:240 Resp: 620870

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

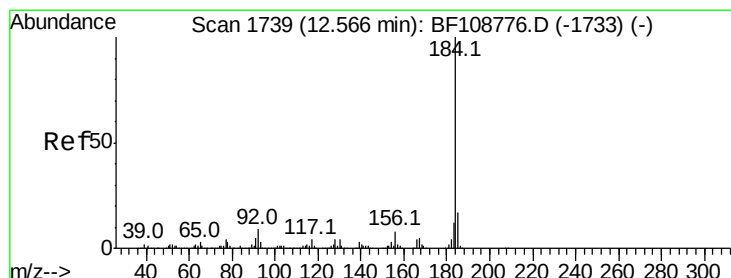
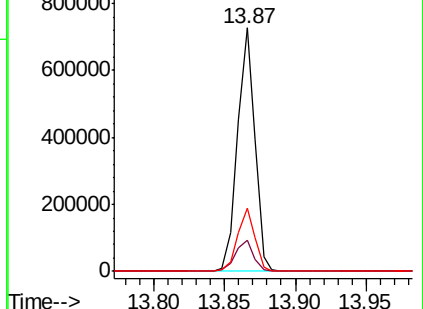
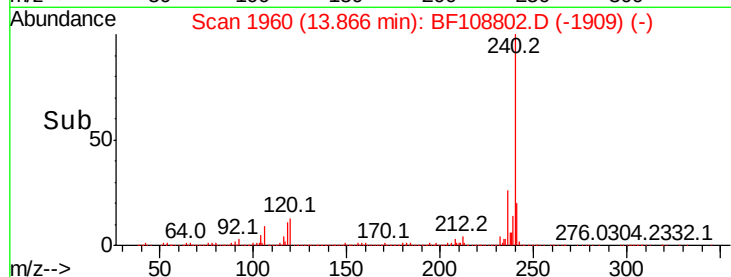
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.471 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.26 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

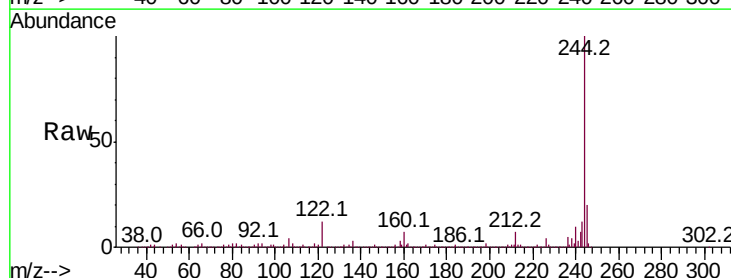
Tgt Ion:184 Resp: 13853

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

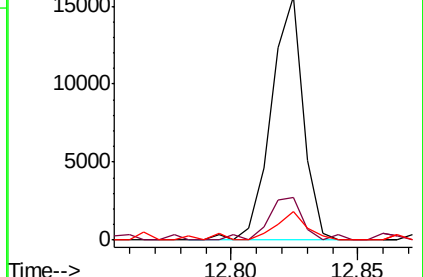
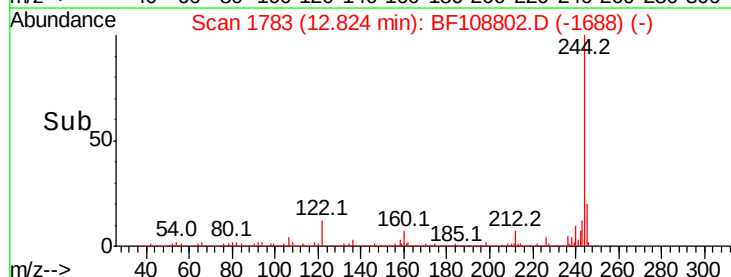
183 12.0 9.3 13.9

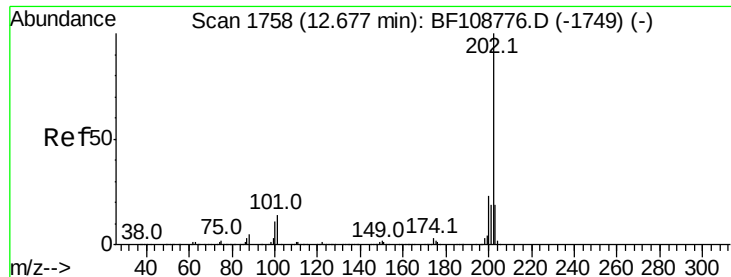


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.099 ng

RT: 12.44 min Scan# 1718

Delta R.T. -0.24 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA_F

ClientSampleId :

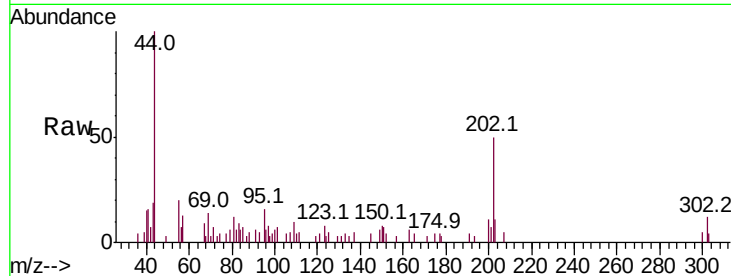
Tot Ion:202 Resp: 4739

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

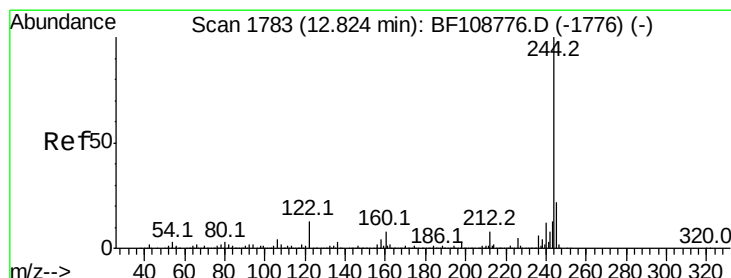
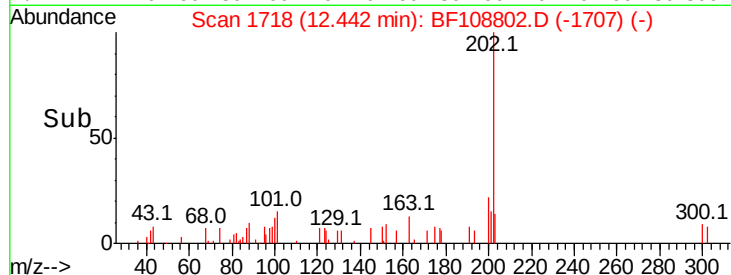
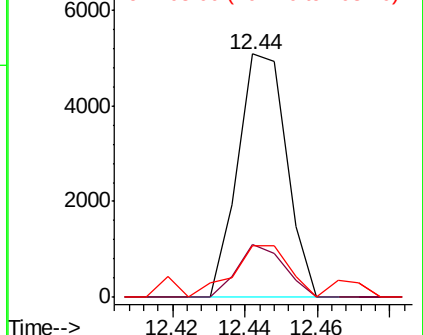
203 21.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 40.794 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

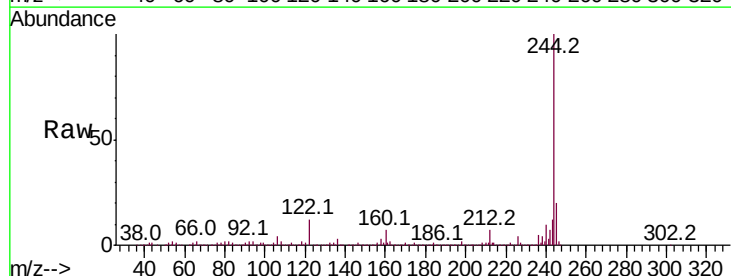
Tgt Ion:244 Resp: 1086139

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

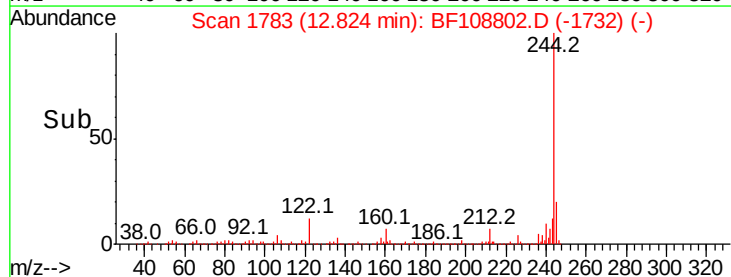
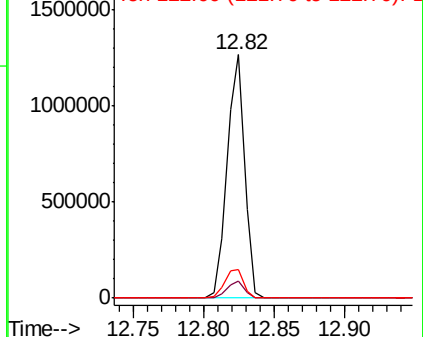
122 11.9 11.0 16.4

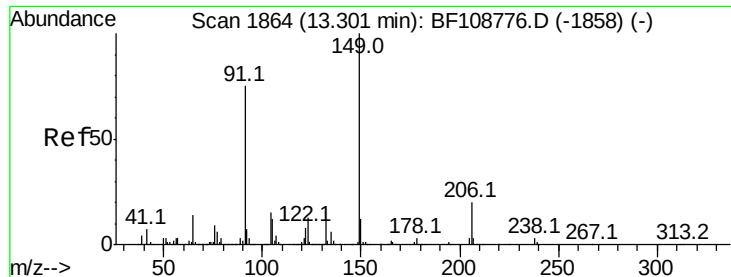


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

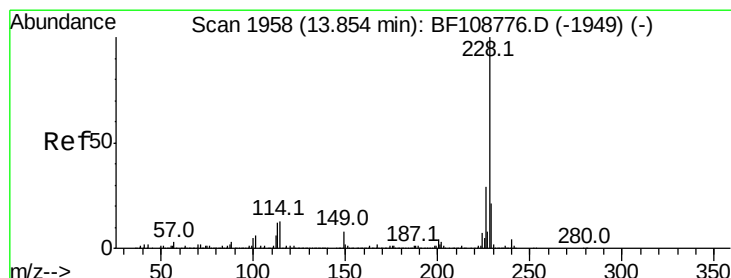
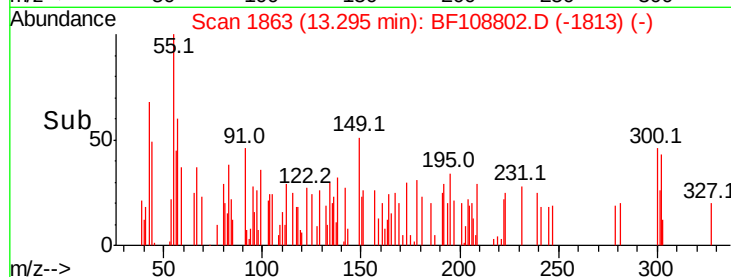
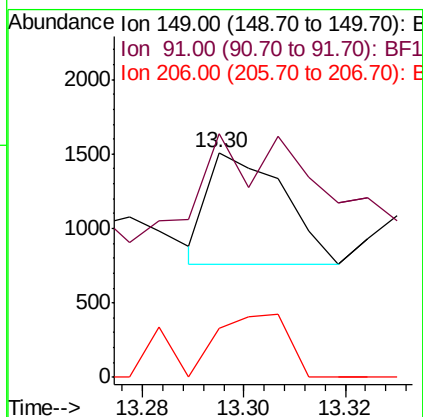
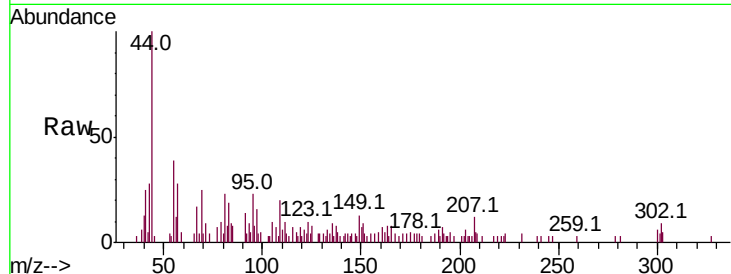




#79
Butylbenzylphthalate
Concen: 0.036 ng
RT: 13.30 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

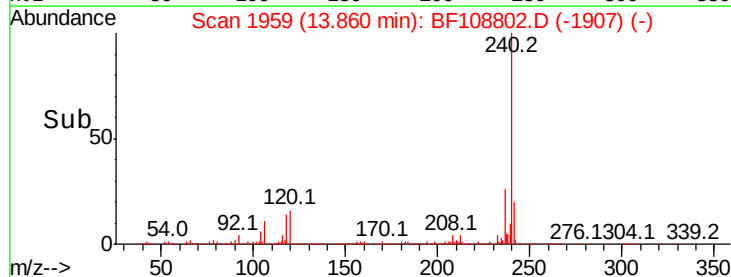
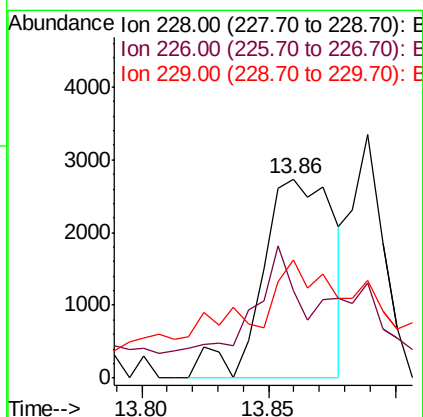
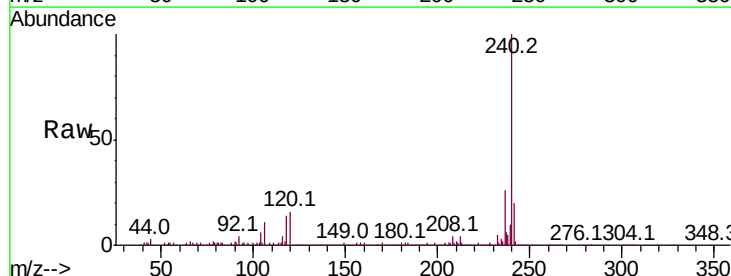
Instrument :
BNA_F
ClientSampled :

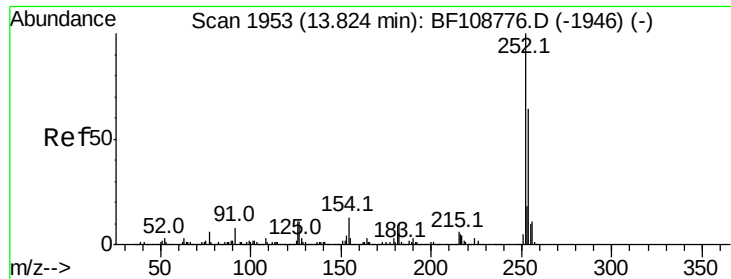
Tot Ion:149 Resp: 776
Ion Ratio Lower Upper
149 100
91 108.3 56.8 85.2#
206 21.9 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.136 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:228 Resp: 5408
Ion Ratio Lower Upper
228 100
226 44.1 22.6 33.8#
229 59.6 15.8 23.6#

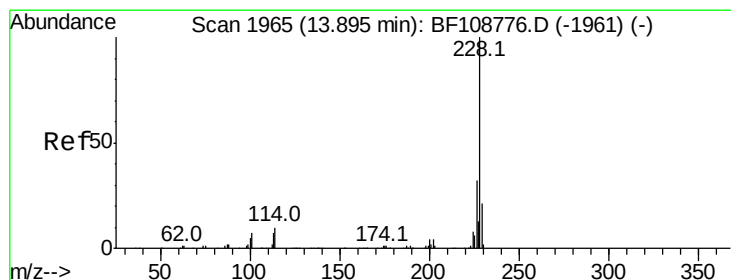
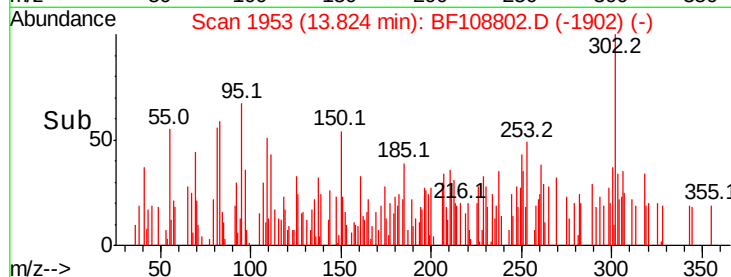
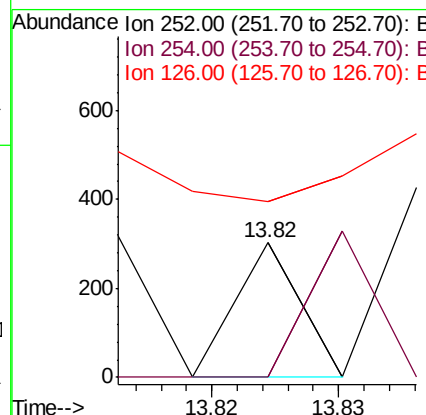
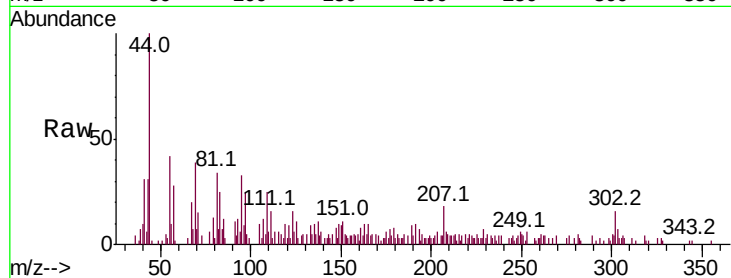




#81
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

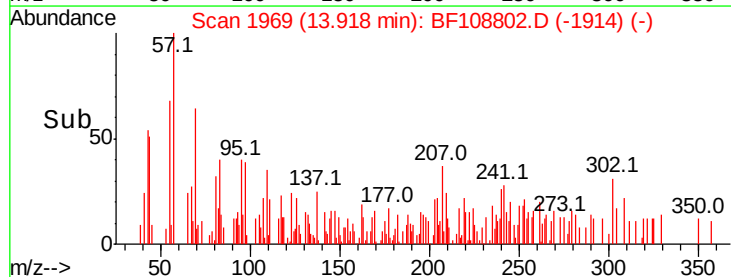
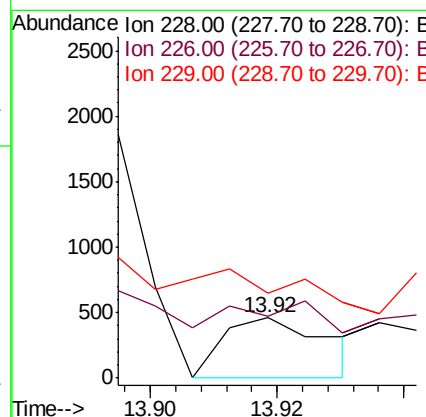
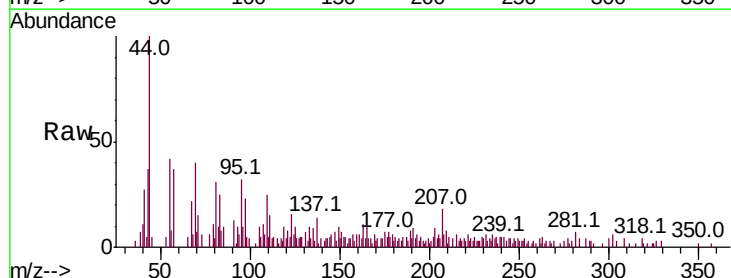
Instrument :
 BNA_F
 ClientSampled :

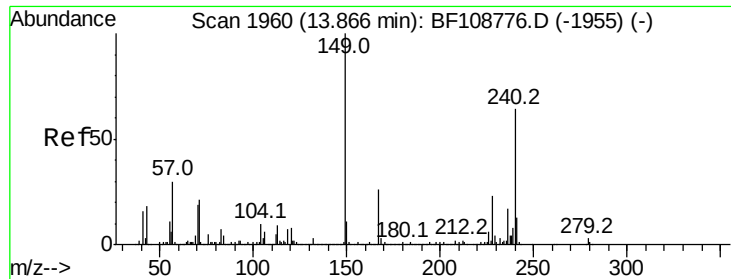
Tot Ion:252 Resp: 107
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.4 75.6#
 126 131.1 11.3 16.9#



#82
 Chrysene
 Concen: 0.014 ng
 RT: 13.92 min Scan# 1969
 Delta R.T. 0.02 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion:228 Resp: 521
 Ion Ratio Lower Upper
 228 100
 226 102.8 25.0 37.6#
 229 140.6 16.2 24.4#

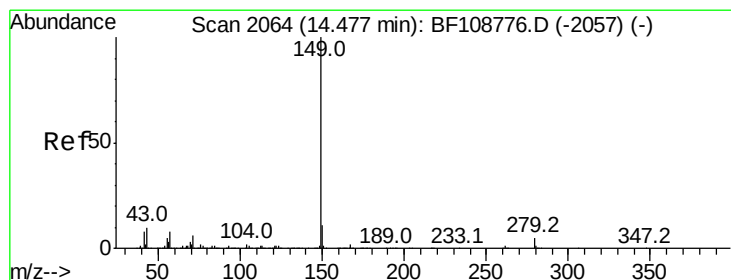
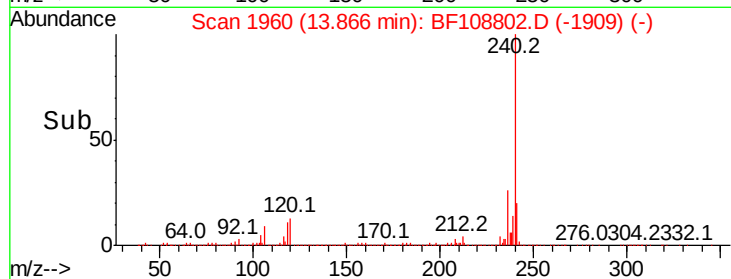
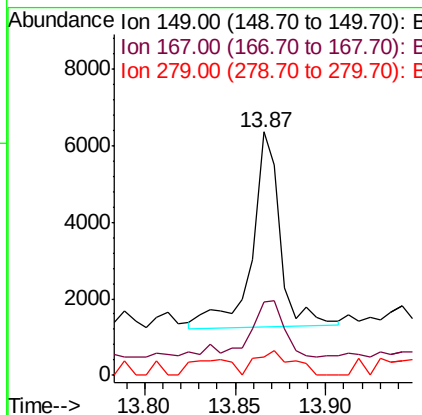
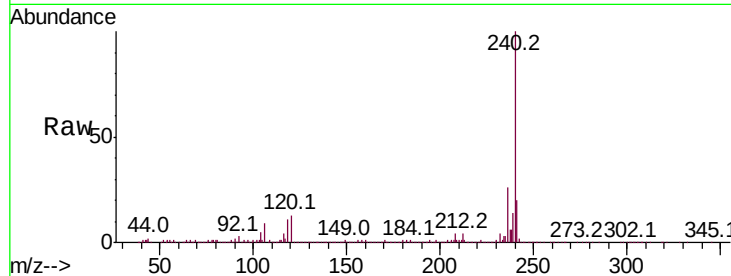




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.202 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

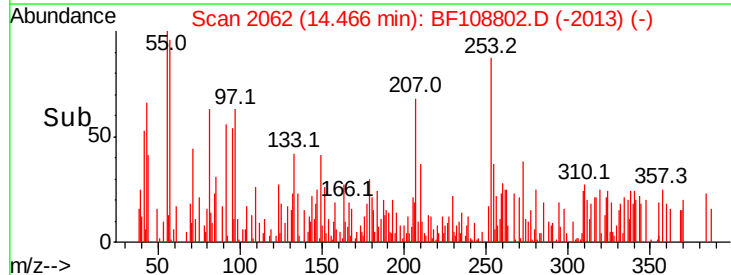
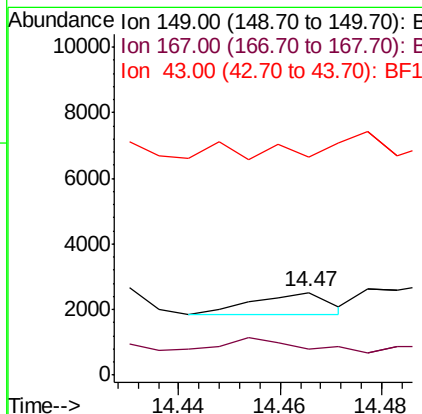
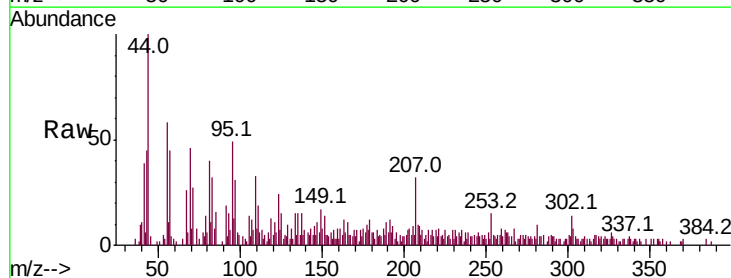
Instrument :
 BNA_F
 ClientSampleId :

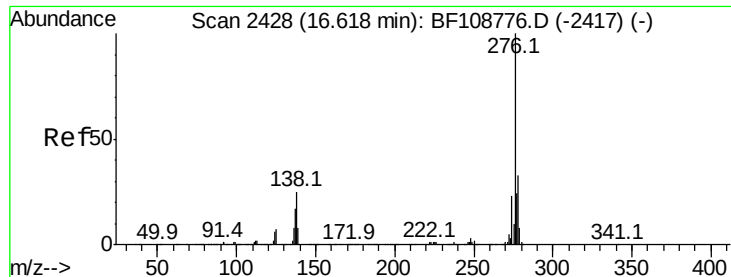
Tot Ion:149 Resp: 5474
 Ion Ratio Lower Upper
 149 100
 167 30.3 21.3 31.9
 279 7.4 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.016 ng
 RT: 14.47 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion:149 Resp: 738
 Ion Ratio Lower Upper
 149 100
 167 64.6 1.2 1.8#
 43 0.0 8.4 12.6#

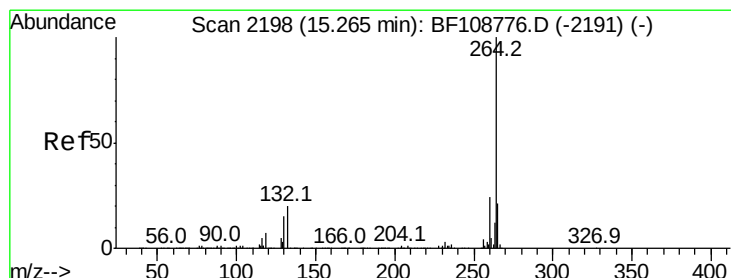
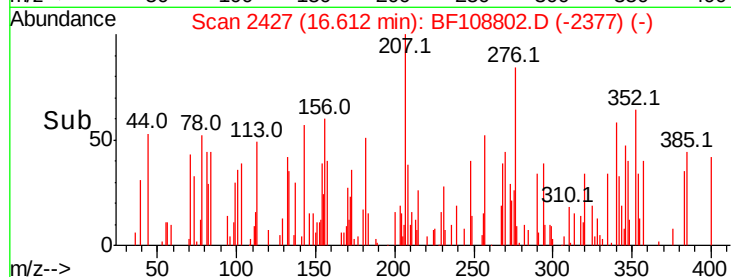
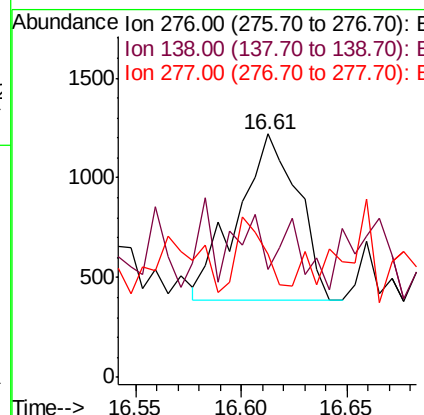
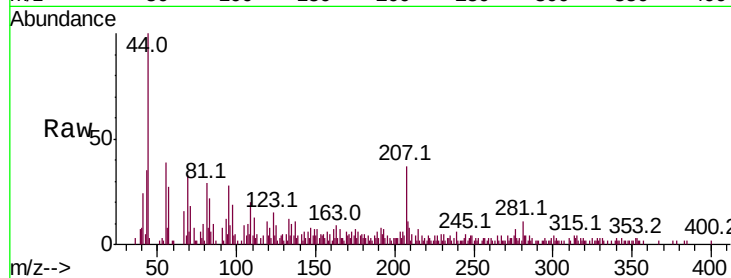




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.049 ng
 RT: 16.61 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

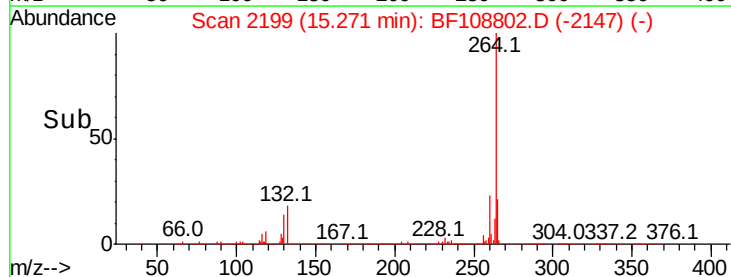
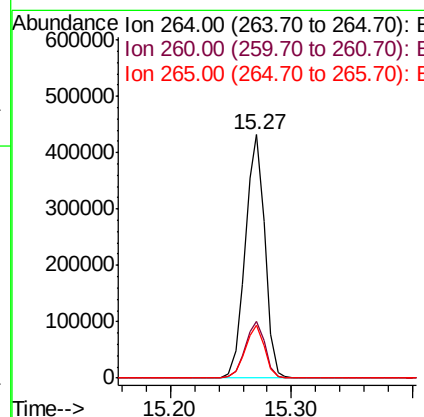
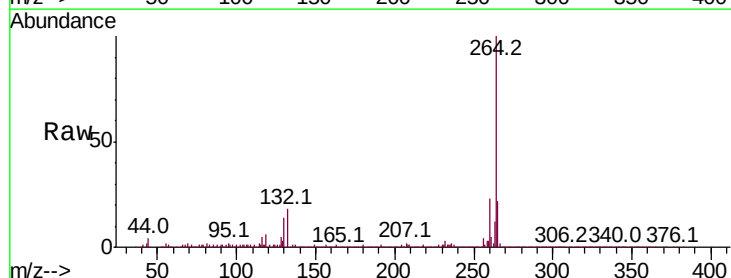
Instrument :
 BNA_F
 ClientSampled :

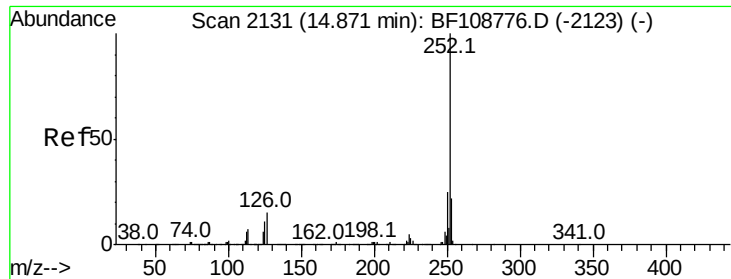
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	25.0	37.6#
277	20.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3

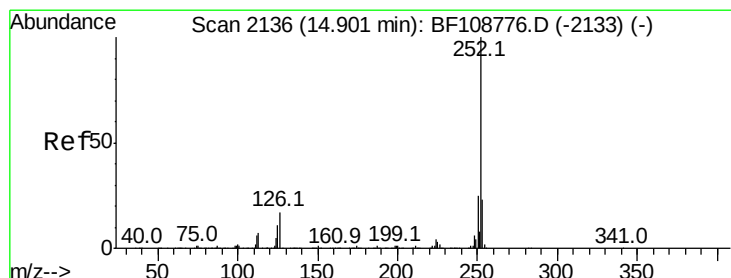
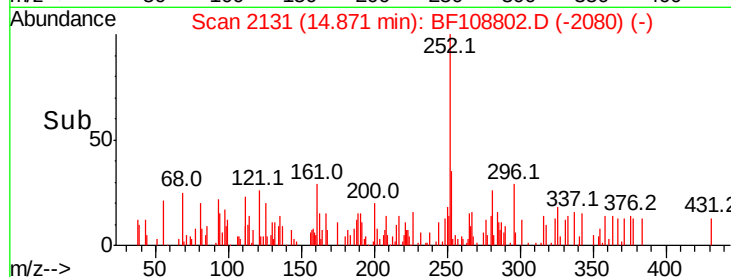
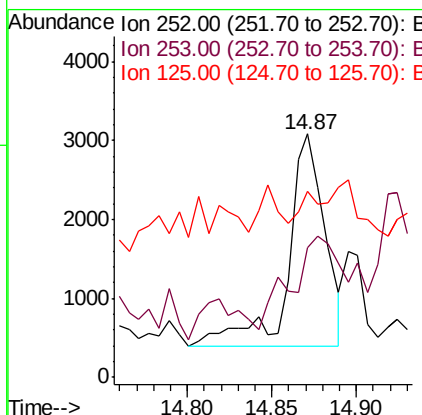
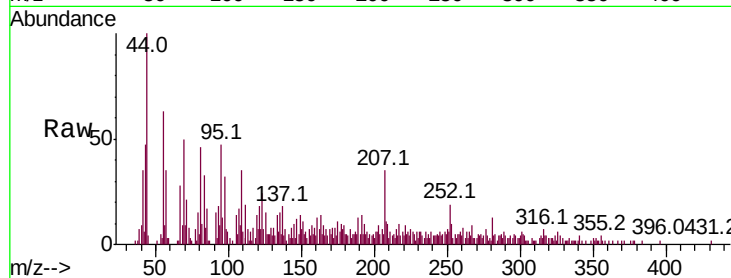




#87
Benzo(b)fluoranthene
Concen: 0.153 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

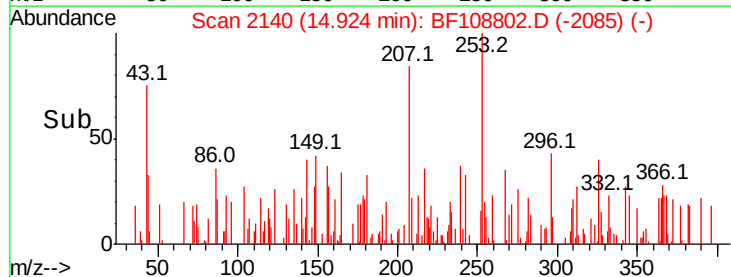
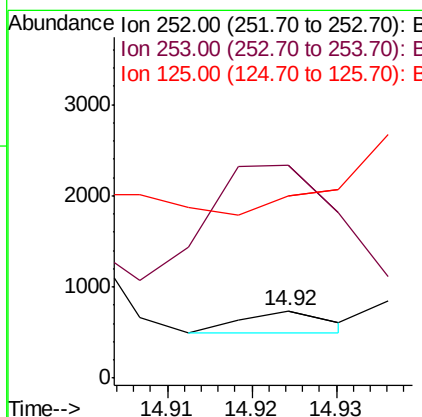
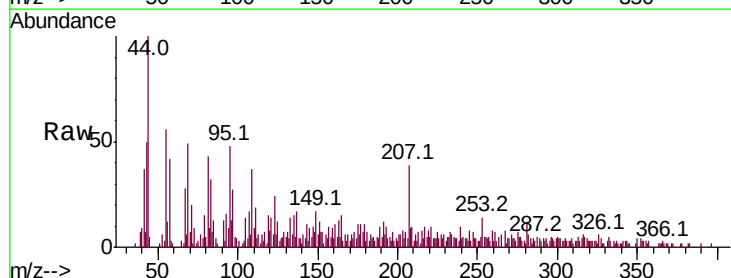
Instrument :
BNA_F
ClientSampleId :

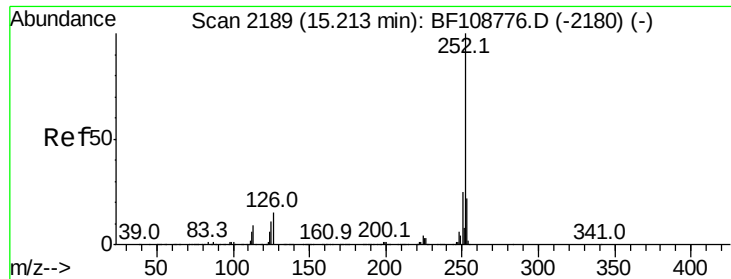
Tot Ion:252 Resp: 4045
Ion Ratio Lower Upper
252 100
253 53.2 17.0 25.6#
125 76.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 14.92 min Scan# 2140
Delta R.T. 0.02 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:252 Resp: 169
Ion Ratio Lower Upper
252 100
253 317.8 17.9 26.9#
125 271.4 10.2 15.2#

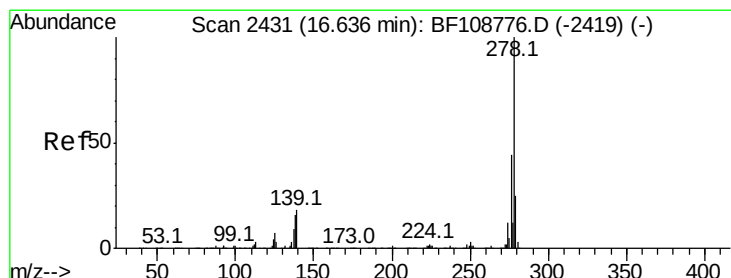
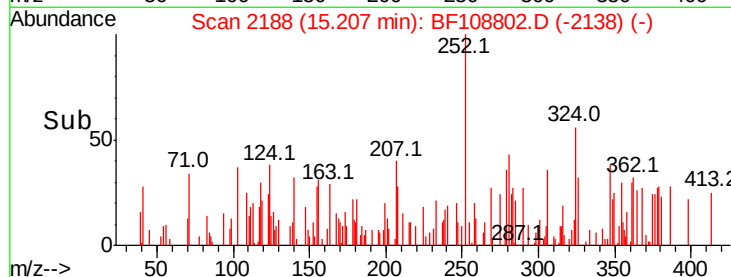
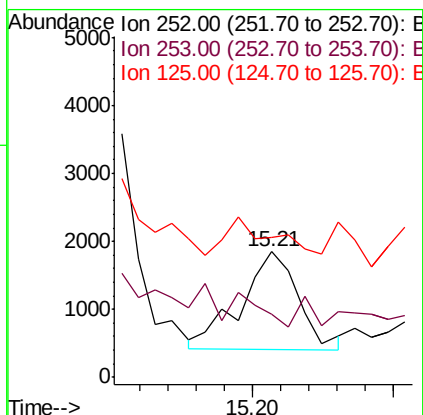
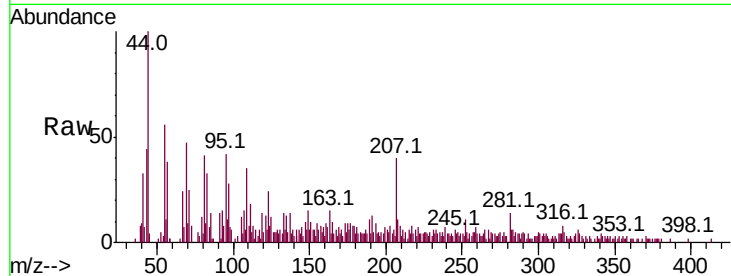




#89
Benzo(a)pyrene
Concen: 0.085 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

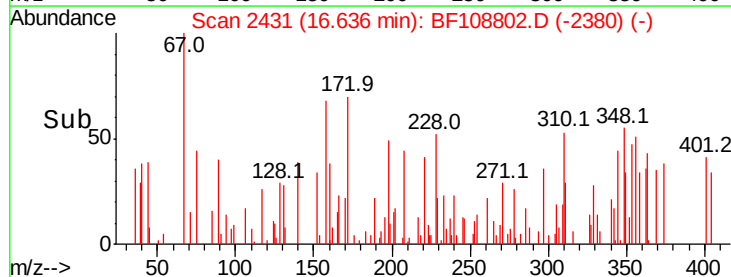
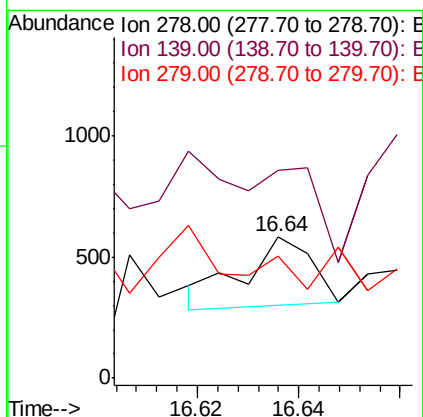
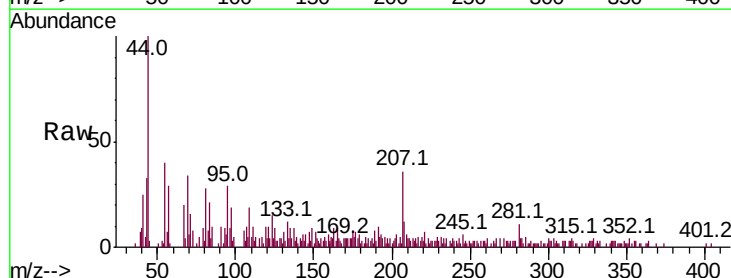
Instrument :
BNA_F
ClientSampled :

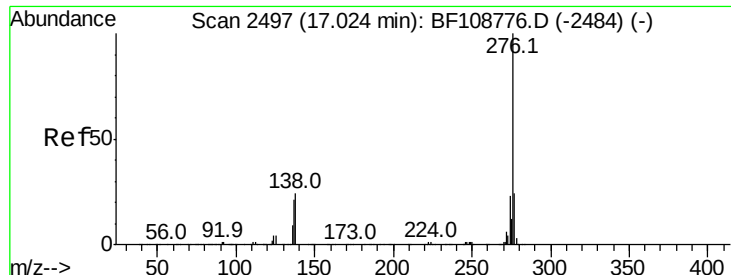
Tot Ion:252 Resp: 2021
Ion Ratio Lower Upper
252 100
253 50.1 17.1 25.7#
125 111.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 0.012 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:278 Resp: 261
Ion Ratio Lower Upper
278 100
139 146.1 15.9 23.9#
279 85.8 19.0 28.4#

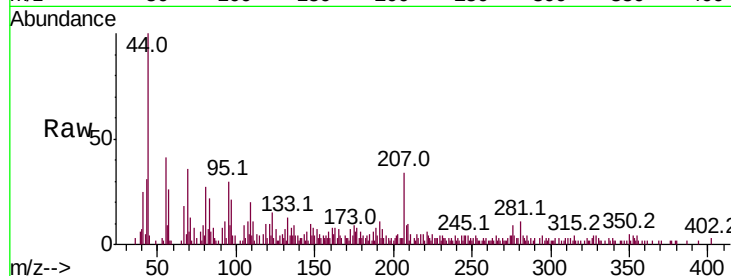




#91
 Benzo(a,h,i)perylene
 Concen: 0.161 ng
 RT: 17.02 min Scan# 2496
 Delta R.T. -0.01 min
 Lab File: BF108802.D
 Acq: 6 Sep 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	45.8	17.9	26.9#
138	48.0	21.8	32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

