

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108943.D
 Acq On : 11 Sep 2018 18:50
 Operator : JU/SJ
 Sample : J4847-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 03:35:17 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	175074	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	661863	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	286317	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	460143	20.00	ng	0.00
75) Chrysene-d12	13.87	240	359143	20.00	ng	0.00
86) Perylene-d12	15.28	264	460615	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	682823	64.61	ng	0.01
7) Phenol-d6	6.37	99	879239	64.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	535189	50.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	167470	61.27	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	836150	49.82	ng	0.00
78) Terphenyl-d14	12.82	244	587293	38.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	98859	19.465	ng	94
3) Pyridine	3.17	79	224644	16.151	ng	91
4) n-Nitrosodimethylamine	3.08	42	130943	24.511	ng	# 94
6) Aniline	6.40	93	353890	19.351	ng	98
8) 2-Chlorophenol	6.52	128	283856	24.267	ng	93
9) Benzaldehyde	6.28	77	145521	15.086	ng	95
10) Phenol	6.38	94	364990	23.436	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	279773	22.425	ng	98
12) 1,3-Dichlorobenzene	6.68	146	297485	22.286	ng	98
13) 1,4-Dichlorobenzene	6.75	146	302894	22.691	ng	99
14) 1,2-Dichlorobenzene	6.91	146	285776	23.226	ng	99
15) Benzyl Alcohol	6.88	79	248928	23.855	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	407610	21.857	ng	97
17) 2-Methylphenol	7.00	107	228547	23.120	ng	98
18) Hexachloroethane	7.25	117	106793	22.187	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	199365	21.094	ng	98
20) 3+4-Methylphenols	7.15	107	276713	23.896	ng	# 62
22) Acetophenone	7.14	105	375637	25.007	ng	# 93
24) Nitrobenzene	7.31	77	296559	26.134	ng	97
25) Isophorone	7.56	82	537514	25.479	ng	99
26) 2-Nitrophenol	7.64	139	135682	30.349	ng	95
27) 2,4-Dimethylphenol	7.68	122	245038	26.991	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	348686	24.722	ng	98
29) 2,4-Dichlorophenol	7.88	162	228299	24.388	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	229435	22.615	ng	96
31) Naphthalene	8.04	128	777987	26.127	ng	99
32) Benzoic acid	7.75	122	45193	11.778	ng	98
33) 4-Chloroaniline	8.09	127	277148	20.265	ng	96
34) Hexachlorobutadiene	8.17	225	136623	22.543	ng	99
35) Caprolactam	8.44	113	65784	20.738	ng	90
36) 4-Chloro-3-methylphenol	8.57	107	228786	22.942	ng	97
37) 2-Methylnaphthalene	8.73	142	500976	25.466	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	218693	25.552	ng	98
40) Hexachlorocyclopentadiene	8.89	237	148838	34.567	ng	98

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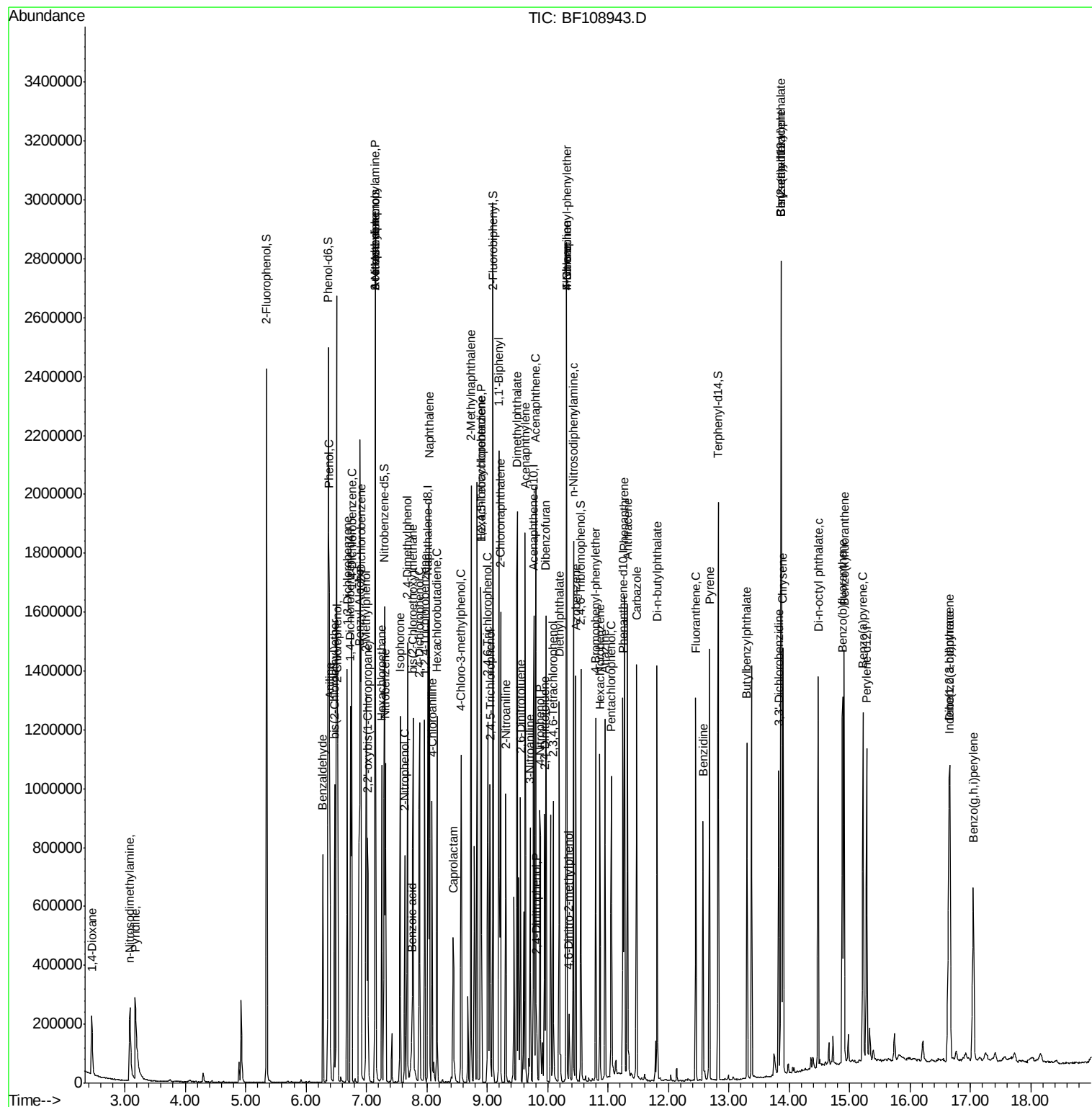
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	149092	25.575	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	160316	26.530	ng	94
45) 1,1'-Biphenyl	9.20	154	581926	26.400	ng	98
46) 2-Chloronaphthalene	9.22	162	449404	25.209	ng	96
47) 2-Nitroaniline	9.31	65	139965	28.740	ng	97
48) Acenaphthylene	9.63	152	709058	26.684	ng	100
49) Dimethylphthalate	9.50	163	780736	38.986	ng	99
50) 2,6-Dinitrotoluene	9.55	165	113939	29.859	ng	94
51) Acenaphthene	9.80	154	420713	25.585	ng	98
52) 3-Nitroaniline	9.71	138	112343	24.732	ng	94
53) 2,4-Dinitrophenol	9.82	184	30315	28.412	ng	# 23
54) Dibenzofuran	9.97	168	589169	24.580	ng	98
55) 4-Nitrophenol	9.88	139	157522	46.387	ng	93
56) 2,4-Dinitrotoluene	9.95	165	138164	28.312	ng	# 94
57) Fluorene	10.31	166	427452	27.789	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	118089	24.233	ng	# 88
59) Diethylphthalate	10.19	149	494563	23.931	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	213278	25.962	ng	96
61) 4-Nitroaniline	10.32	138	97914	23.794	ng	97
62) Azobenzene	10.47	77	491621	23.046	ng	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	27102	19.703	ng	94
65) n-Nitrosodiphenylamine	10.42	169	414155	27.071	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	134854	25.948	ng	# 87
67) Hexachlorobenzene	10.87	284	131584	23.718	ng	# 90
68) Atrazine	10.95	200	129221	26.385	ng	98
69) Pentachlorophenol	11.05	266	119105	35.115	ng	99
70) Phenanthrene	11.27	178	572431	26.051	ng	98
71) Anthracene	11.32	178	592033	28.140	ng	99
72) Carbazole	11.47	167	507620	22.910	ng	98
73) Di-n-butylphthalate	11.81	149	661473	26.884	ng	99
74) Fluoranthene	12.45	202	526644	24.207	ng	95
76) Benzidine	12.57	184	329164	19.338	ng	98
77) Pyrene	12.68	202	520741	18.843	ng	99
79) Butylbenzylphthalate	13.30	149	236722	19.021	ng	96
80) Benzo(a)anthracene	13.86	228	520565	22.614	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	203776	22.721	ng	# 97
82) Chrysene	13.90	228	506277	22.718	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	324637	20.757	ng	98
84) Di-n-octyl phthalate	14.48	149	639314	24.519	ng	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	582093	29.515	ng	95
87) Benzo(b)fluoranthene	14.88	252	594193	23.724	ng	99
88) Benzo(k)fluoranthene	14.91	252	533720	23.140	ng	98
89) Benzo(a)pyrene	15.22	252	558670	24.721	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	496296	24.922	ng	97
91) Benzo(g,h,i)perylene	17.05	276	451775	22.658	ng	94

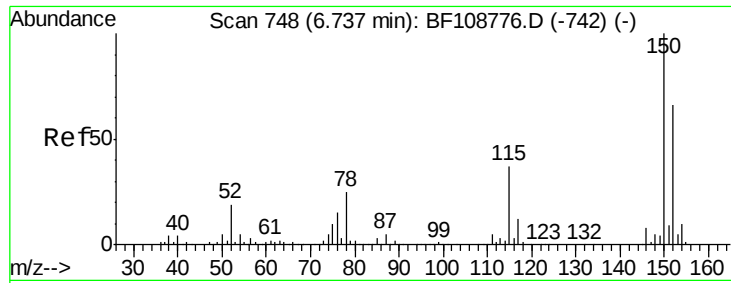
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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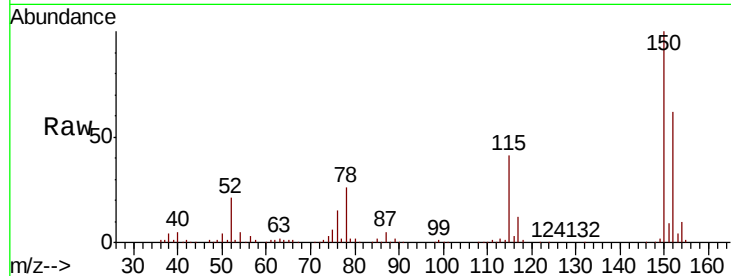


#1

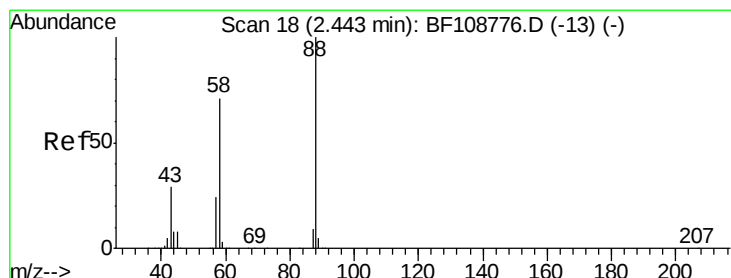
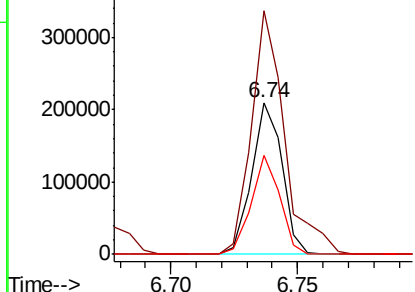
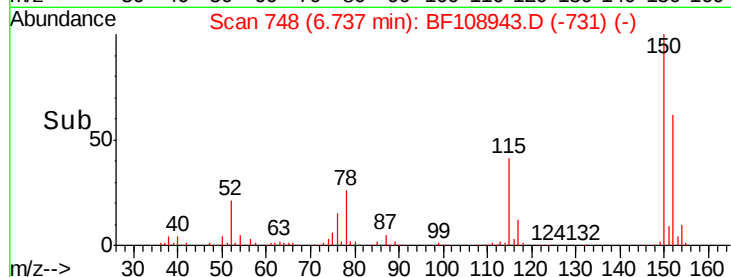
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175074
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 65.4 50.1 75.1



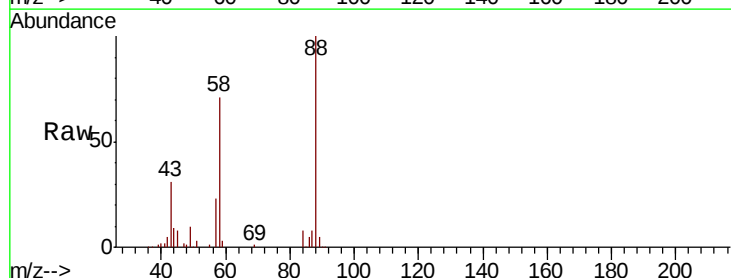
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



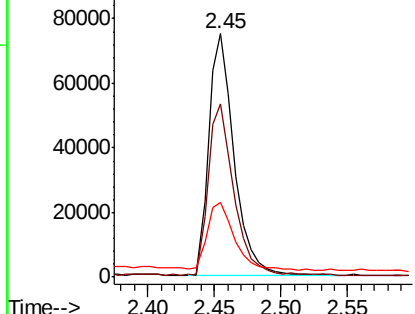
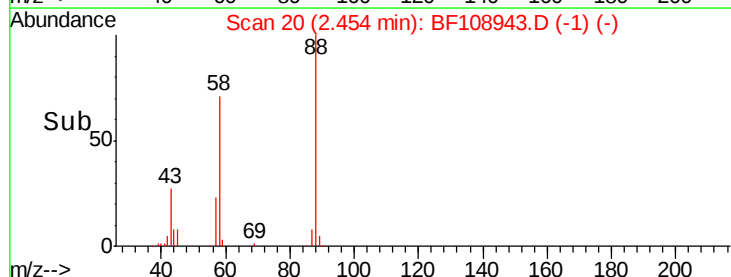
#2

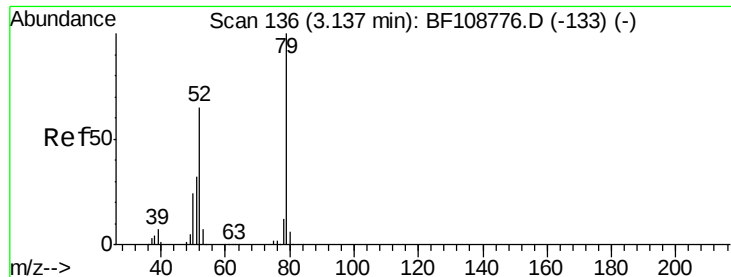
1,4-Dioxane
Concen: 19.465 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion: 88 Resp: 98859
Ion Ratio Lower Upper
88 100
58 72.1 62.6 93.8
43 29.4 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: 16.151 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

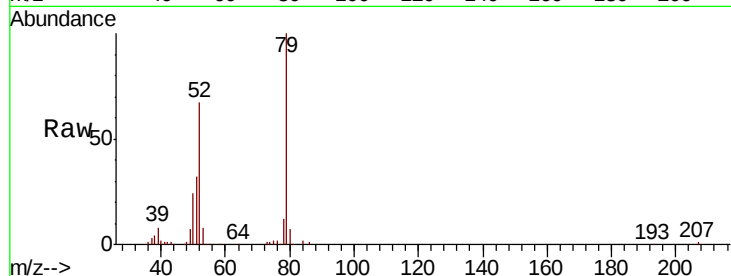
Tot Ion: 79 Resp: 224644

Ion Ratio Lower Upper

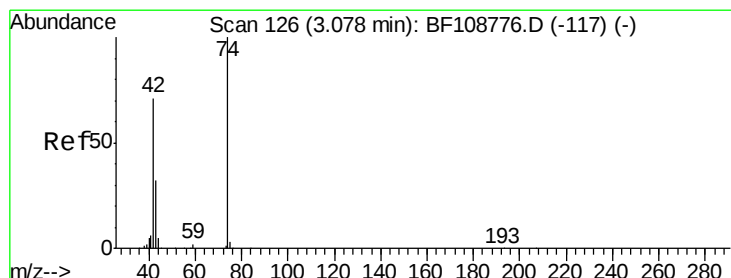
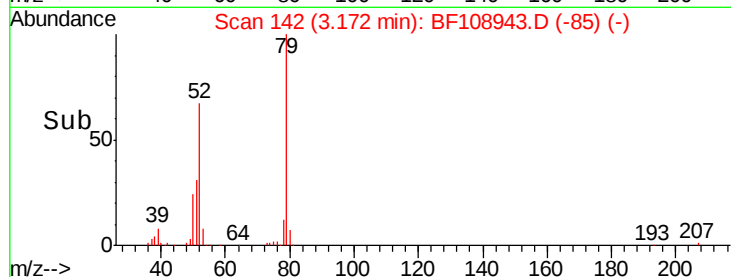
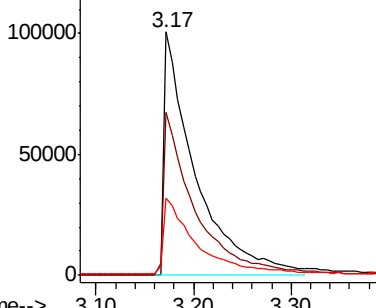
79 100

52 66.7 59.8 89.6

51 31.9 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 24.511 ng

RT: 3.08 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

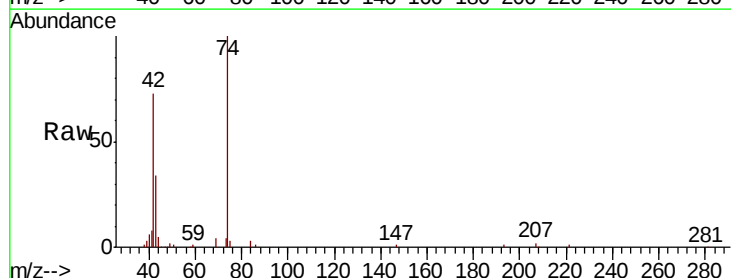
Tgt Ion: 42 Resp: 130943

Ion Ratio Lower Upper

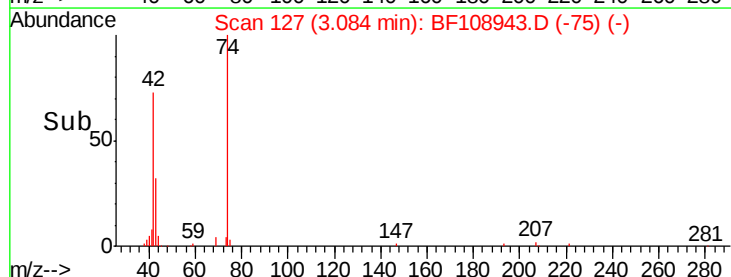
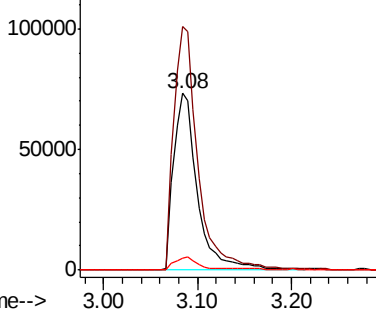
42 100

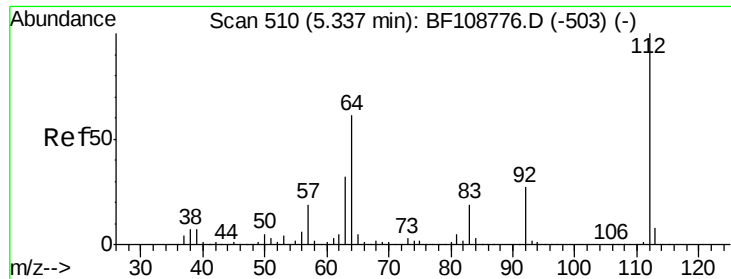
74 137.7 104.9 157.3

44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 64.613 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampled :

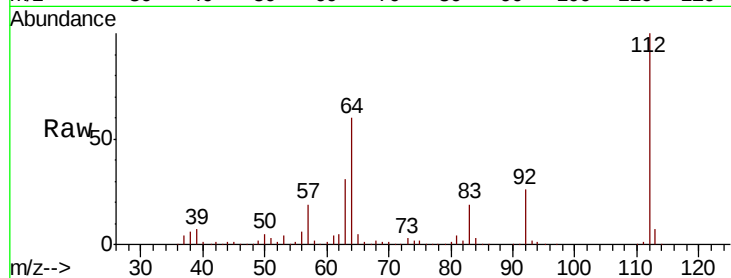
Tot Ion:112 Resp: 682823

Ion Ratio Lower Upper

112 100

64 60.4 47.9 71.9

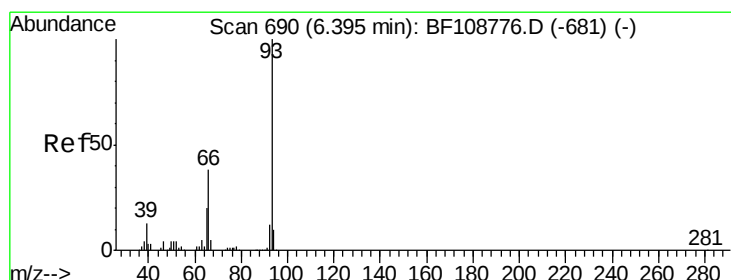
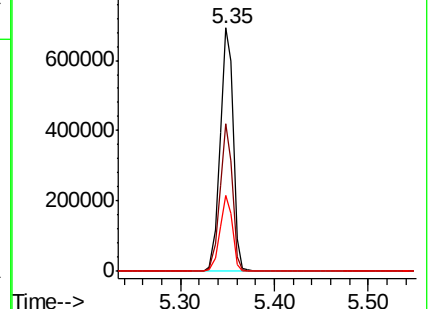
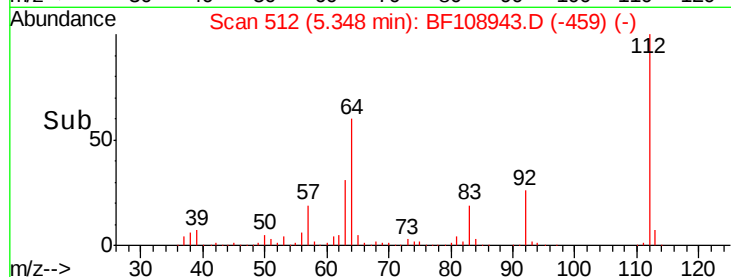
63 31.1 23.7 35.5



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: 19.351 ng

RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

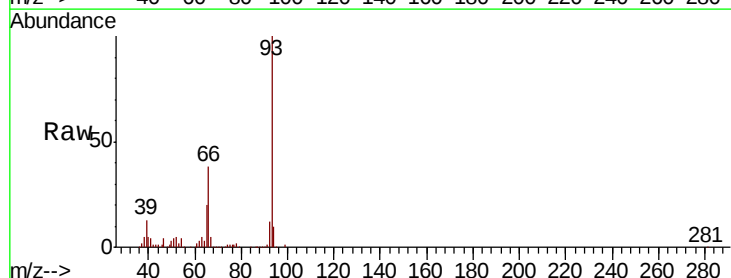
Tgt Ion: 93 Resp: 353890

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

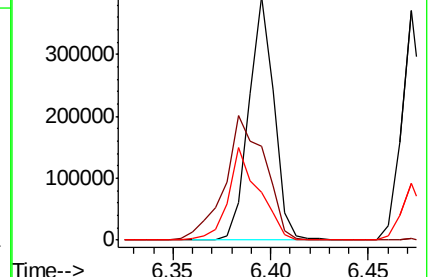
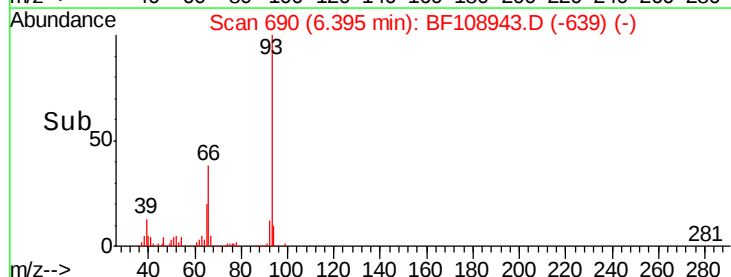
65 19.8 16.4 24.6

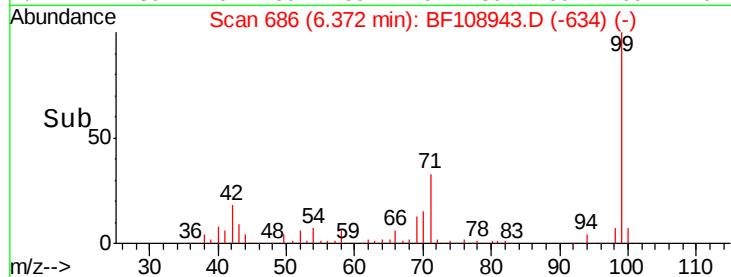
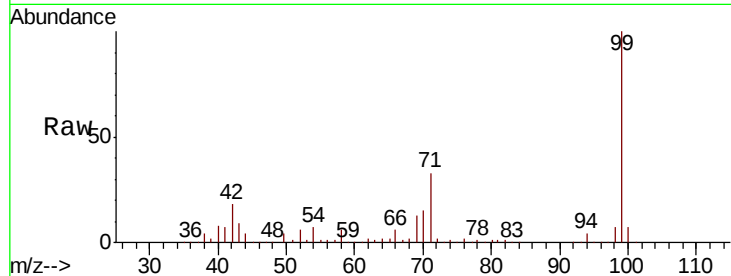
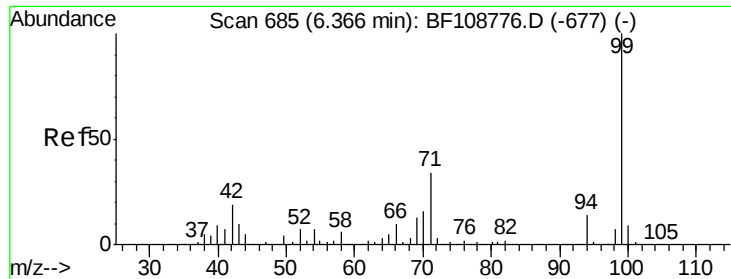


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 64.663 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108943.D

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Instrument :

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ClientSampled :

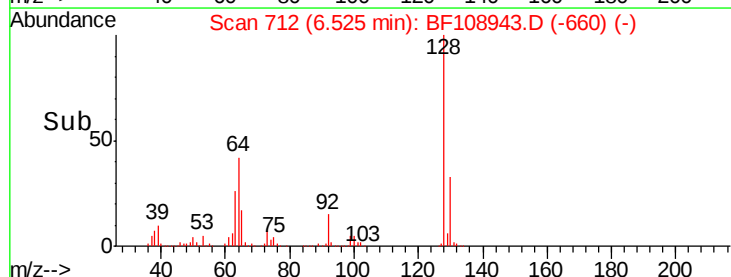
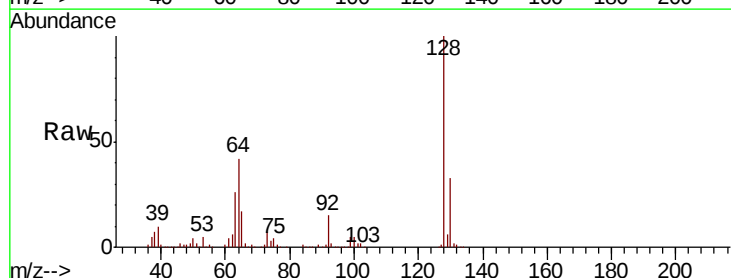
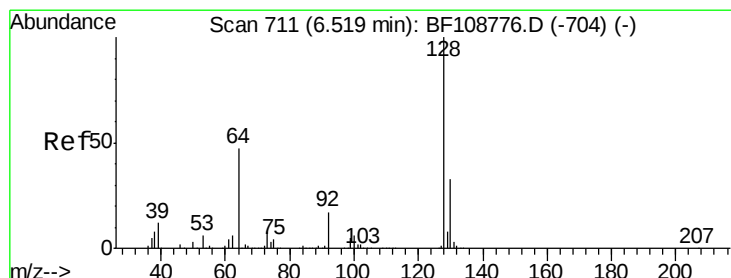
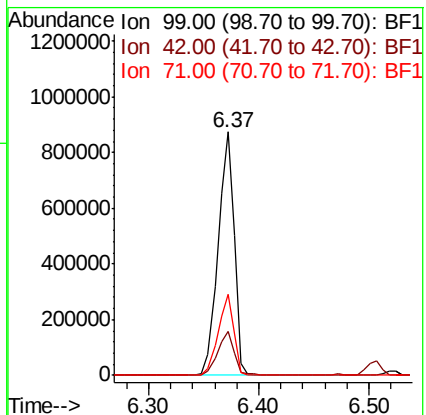
Tot Ion: 99 Resp: 879239

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 33.1 25.4 38.0



#8

2-Chlorophenol

Concen: 24.267 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

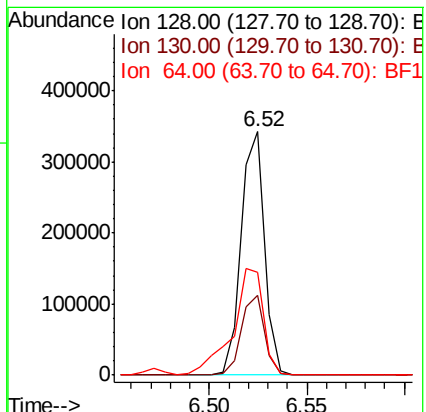
Tgt Ion: 128 Resp: 283856

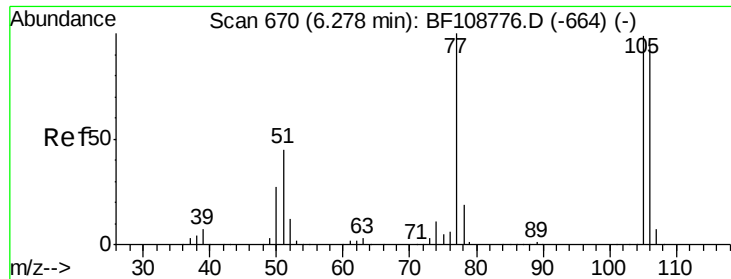
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 42.0 29.4 69.4





#9

Benzaldehyde

Concen: 15.086 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampled :

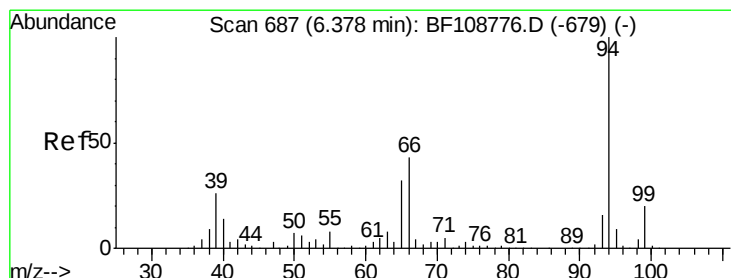
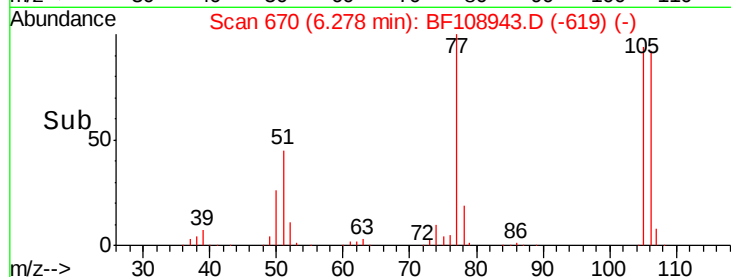
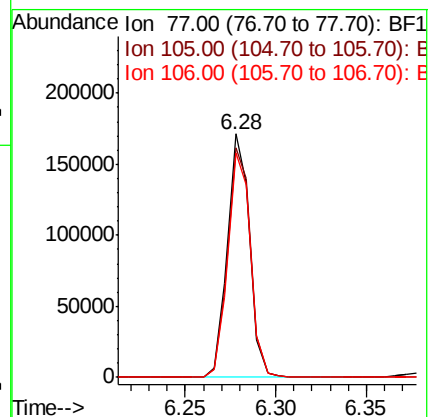
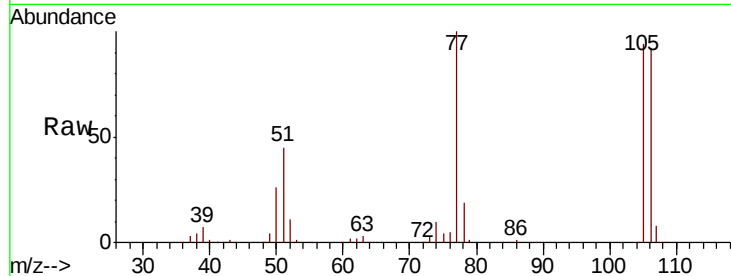
Tot Ion: 77 Resp: 145521

Ion Ratio Lower Upper

77 100

105 94.4 81.1 121.1

106 92.3 74.5 114.5



#10

Phenol

Concen: 23.436 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

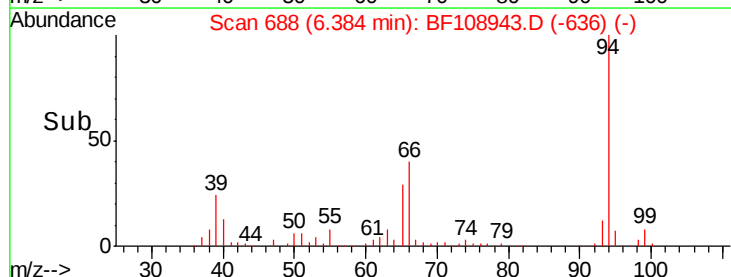
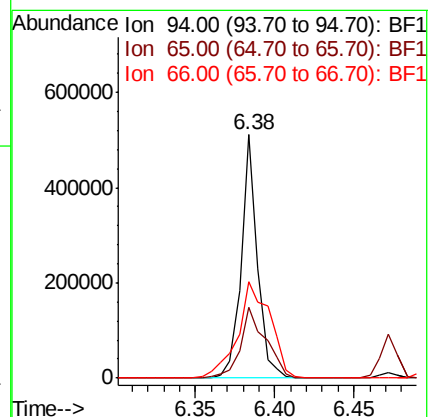
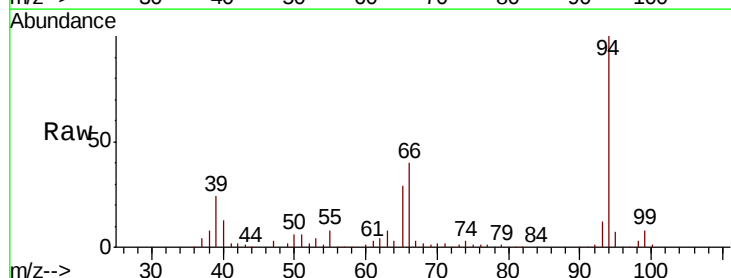
Tgt Ion: 94 Resp: 364990

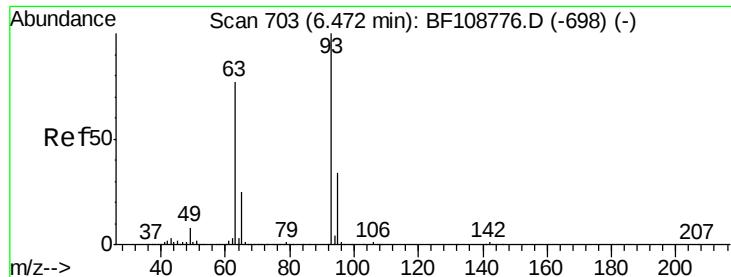
Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

66 39.6 16.2 56.2

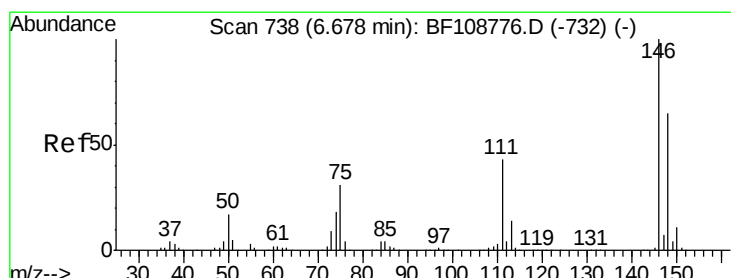
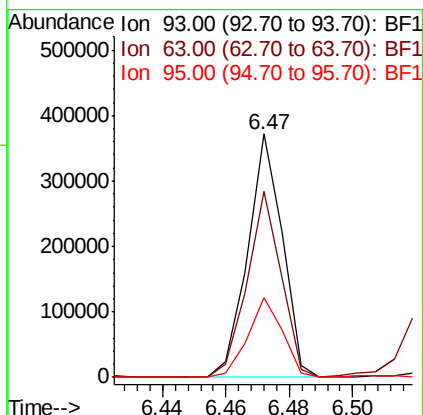
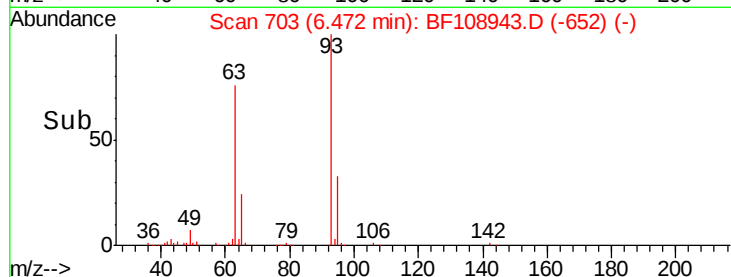
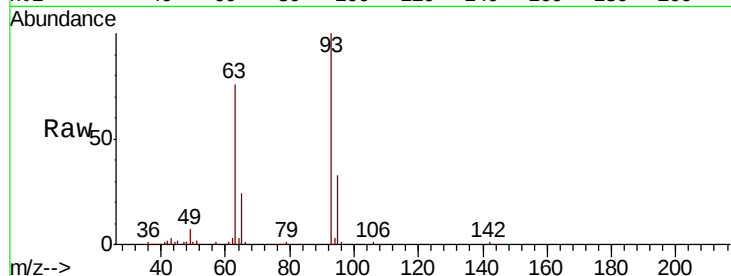




#11
bis(2-Chloroethyl)ether
Concen: 22.425 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

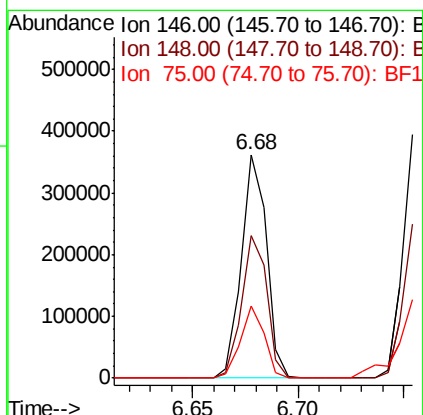
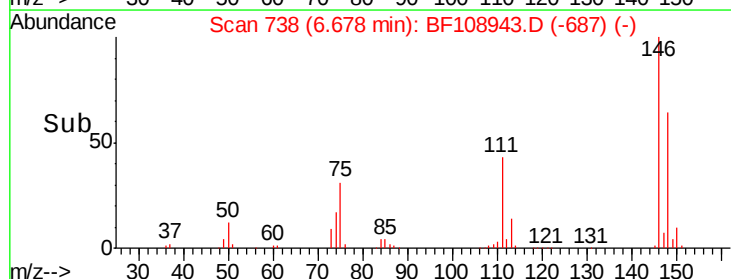
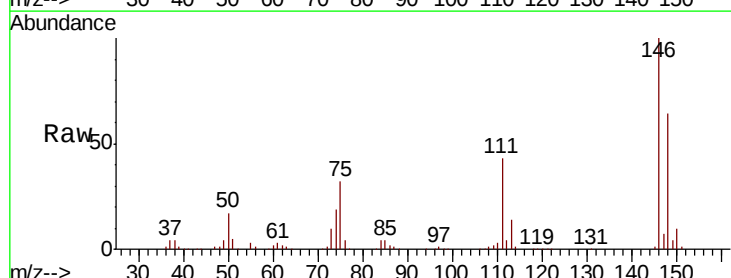
Instrument :
BNA_F
ClientSampleId :

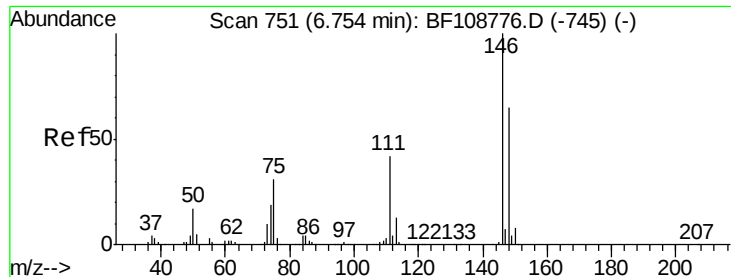
Tot Ion: 93 Resp: 279773
Ion Ratio Lower Upper
93 100
63 76.4 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 22.286 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion: 146 Resp: 297485
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 32.0 24.2 36.4

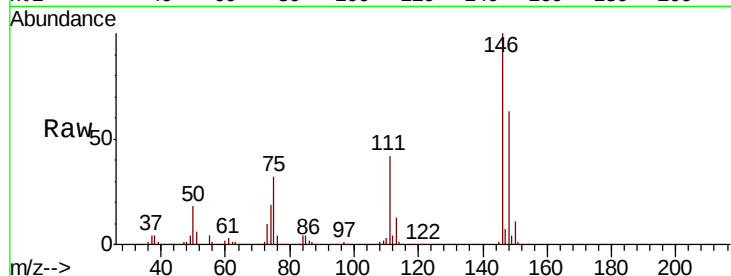




#13
 1,4-Dichlorobenzene
 Concen: 22.691 ng
 RT: 6.75 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	41.5	34.2	51.2

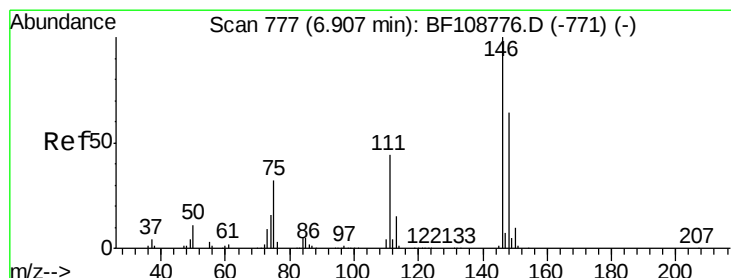
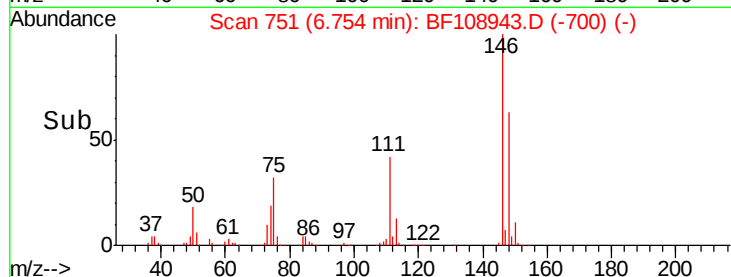
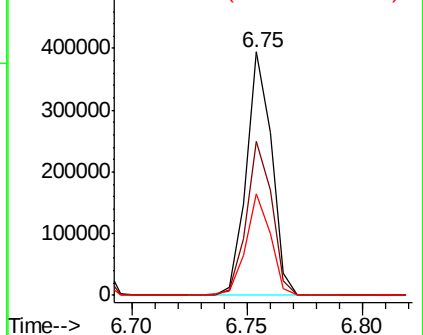


Abundance

Ion 146.00 (145.70 to 146.70): E

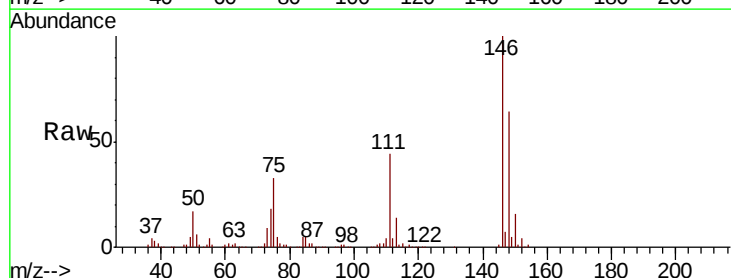
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 23.226 ng
 RT: 6.91 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.7	36.0	54.0

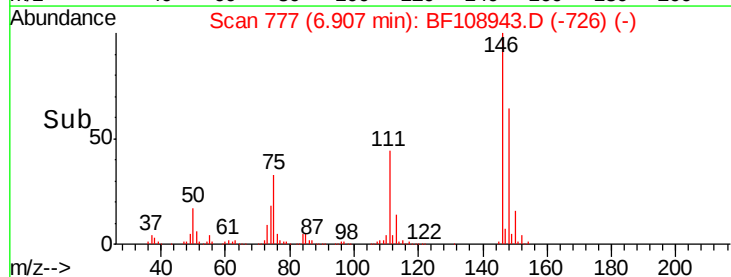
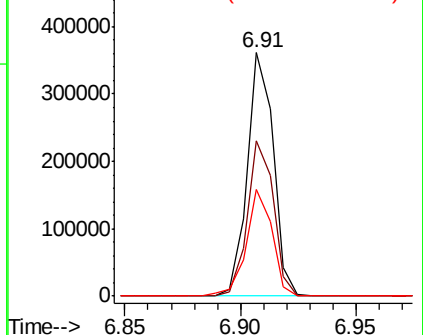


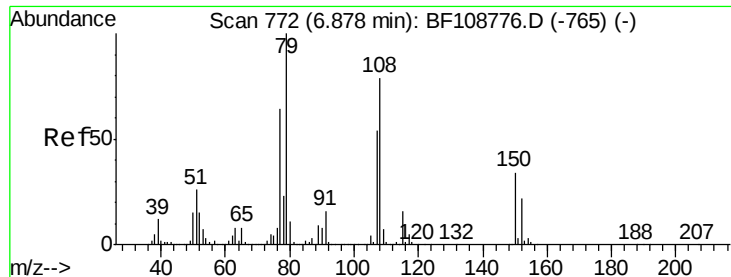
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 23.855 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

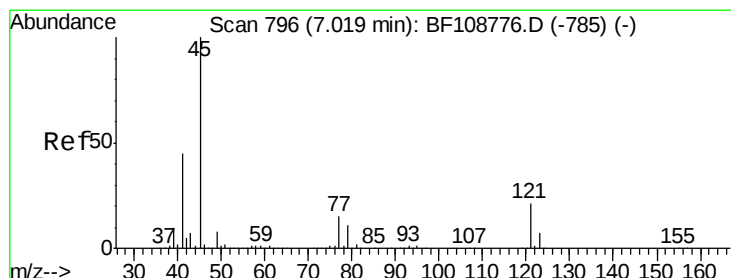
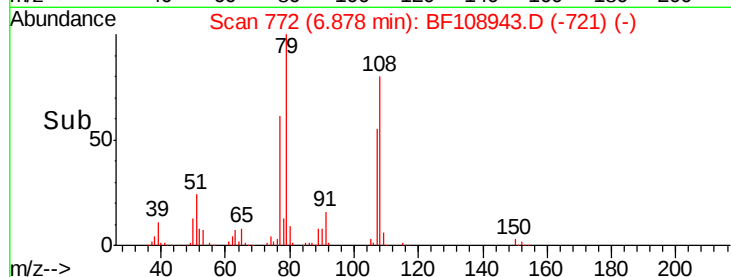
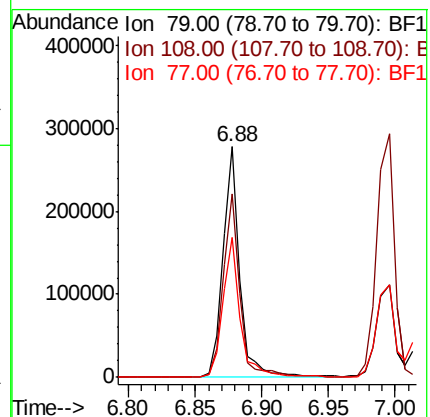
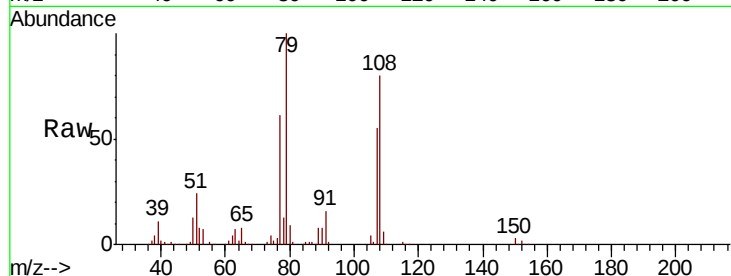
Tot Ion: 79 Resp: 248928

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

77 61.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.857 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

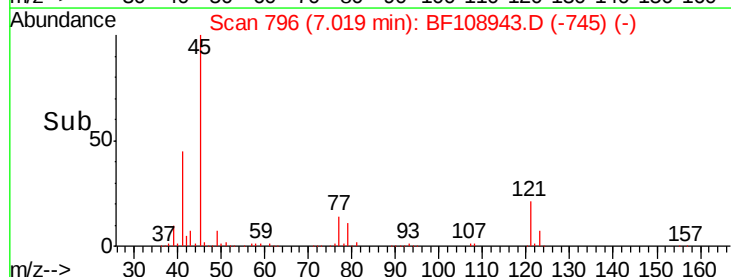
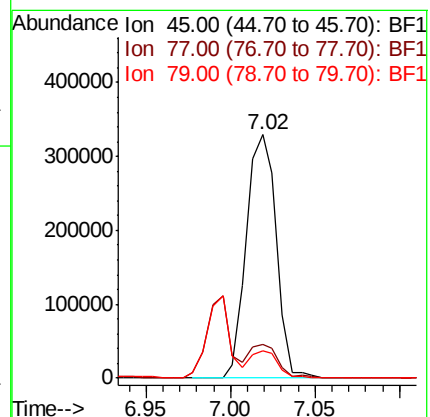
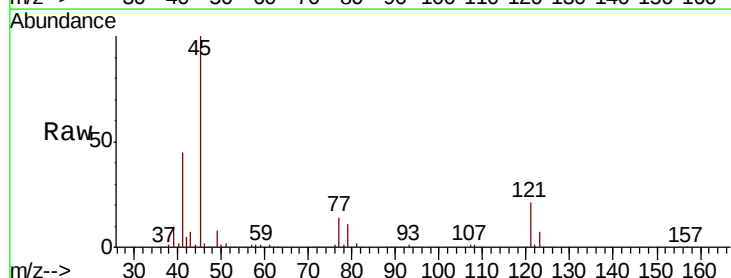
Tgt Ion: 45 Resp: 407610

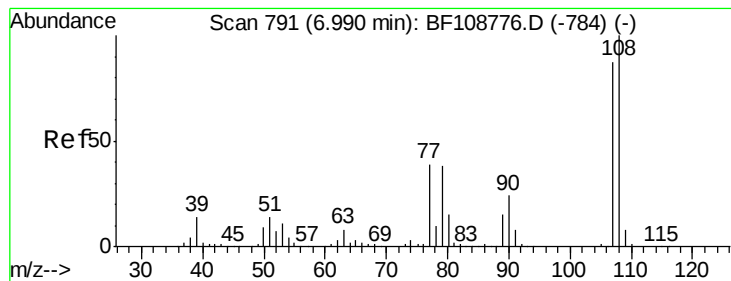
Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.9

79 11.3 0.0 29.6

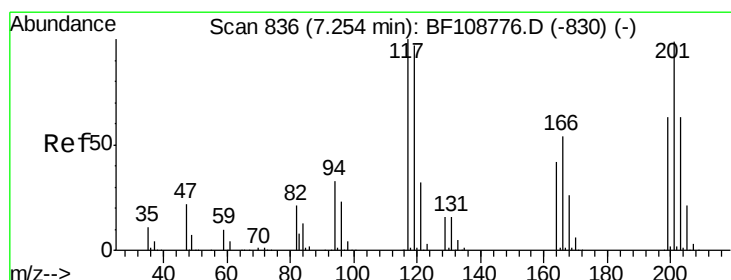
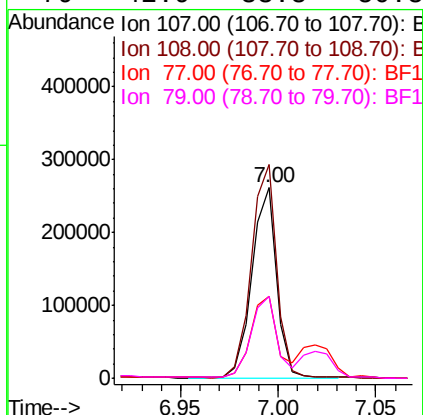
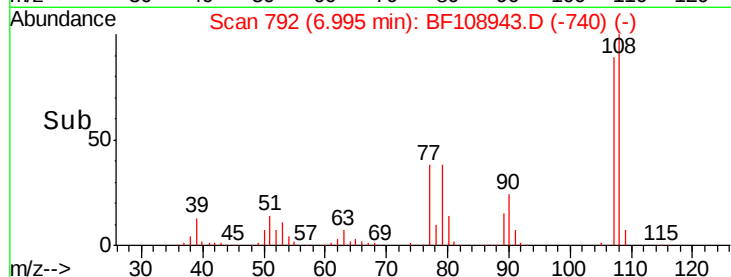
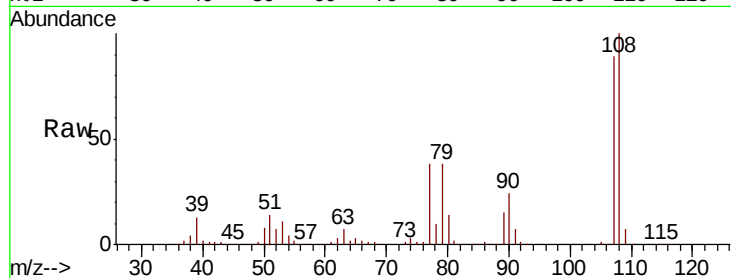




#17
2-Methylphenol
Concen: 23.120 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

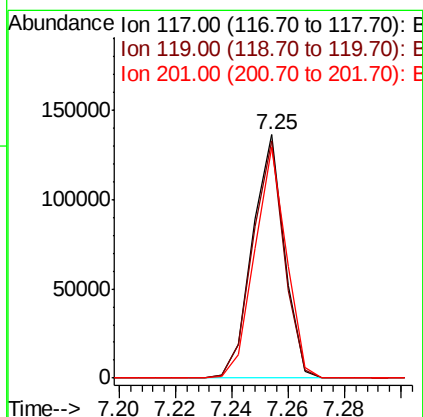
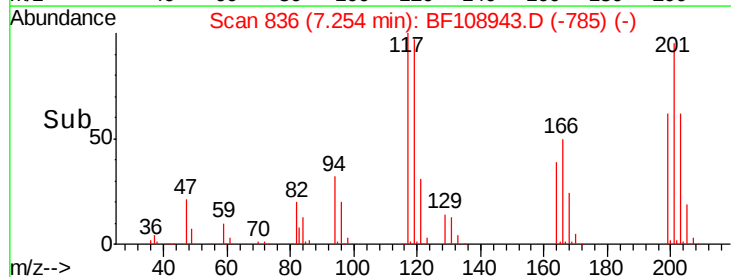
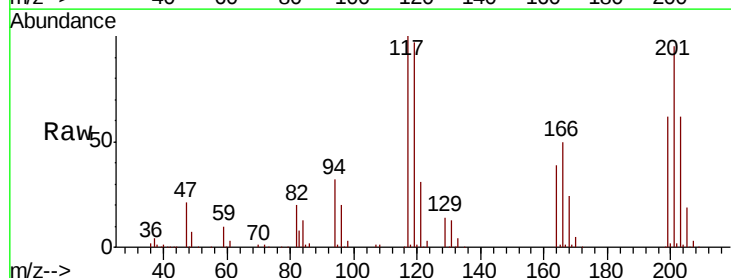
Instrument :
BNA_F
ClientSampleId :

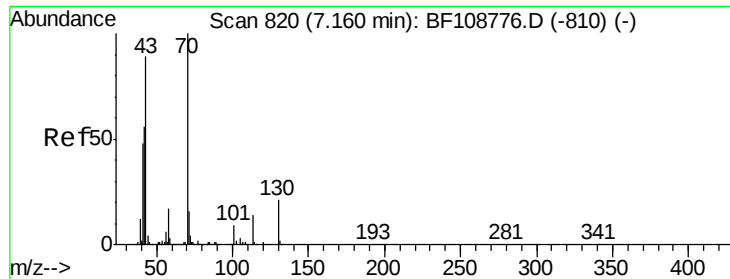
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	42.9	33.8	50.8
79	42.9	33.8	50.8



#18
Hexachloroethane
Concen: 22.187 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	94.9	75.7	113.5

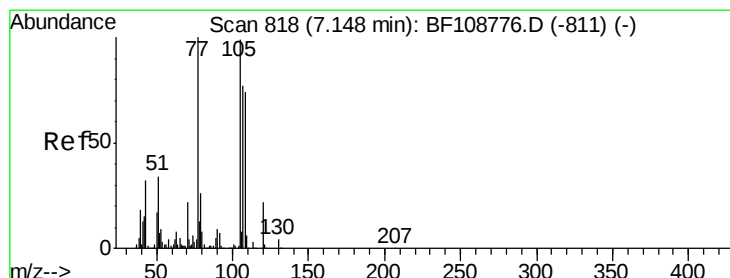
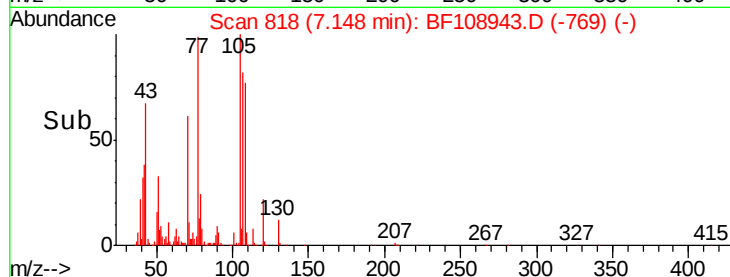
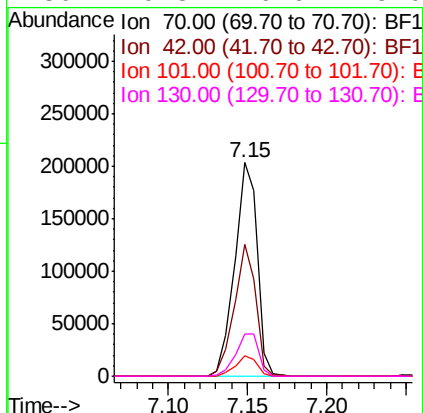
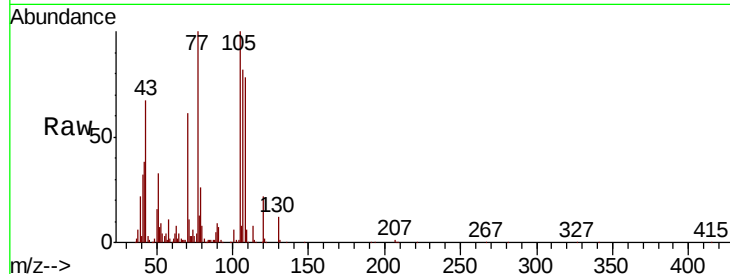




#19
n-Nitroso-di-n-propylamine
Concen: 21.094 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

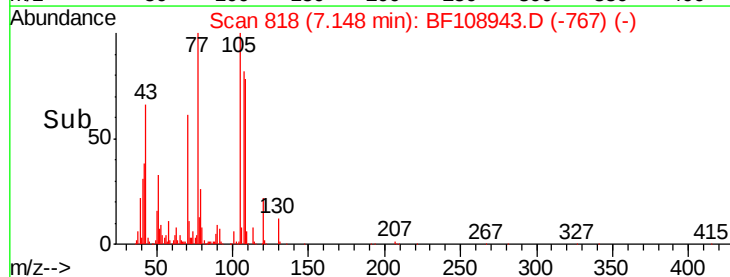
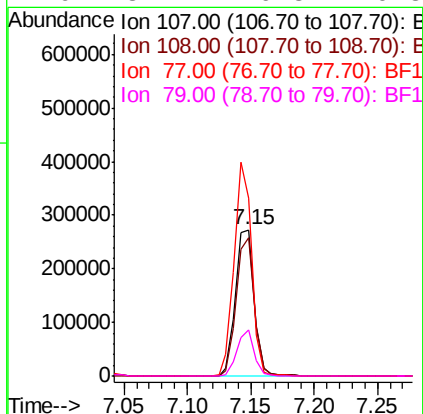
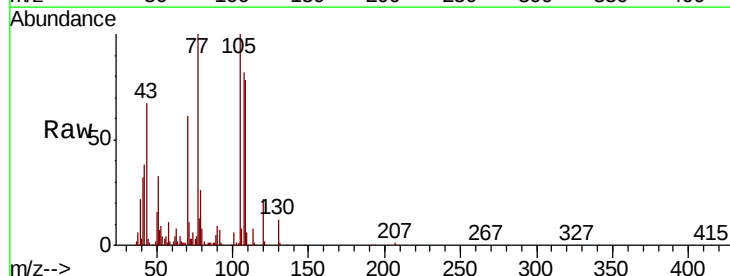
Instrument :
BNA_F
ClientSampleId :

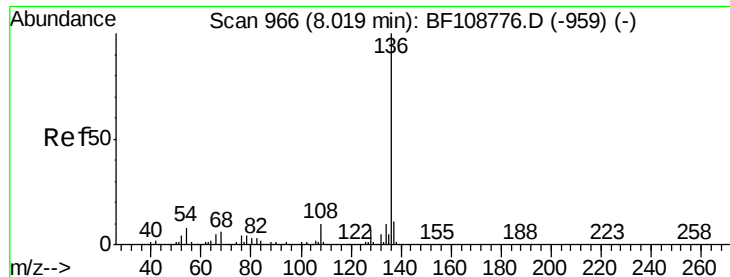
Tot Ion:	70	Resp:	199365
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.5	71.3
101	9.5	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 23.896 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:	107	Resp:	276713
Ion	Ratio	Lower	Upper
107	100		
108	94.4	68.2	108.2
77	121.4	26.7	66.7#
79	31.1	6.3	46.3

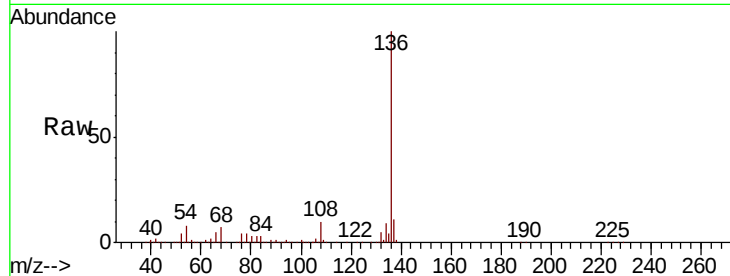




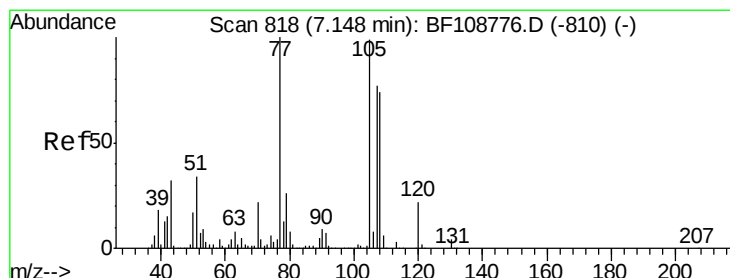
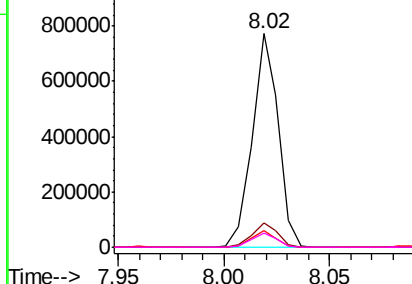
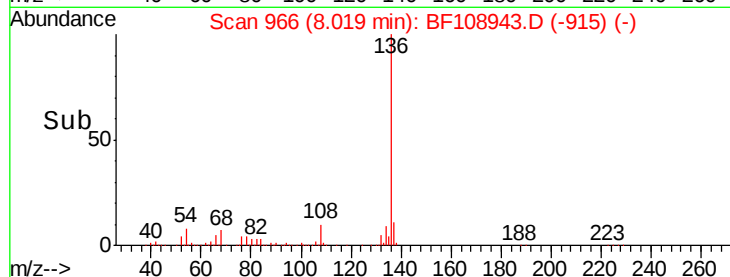
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	661863
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	7.7	6.6 9.8
68	6.7	5.0 7.4

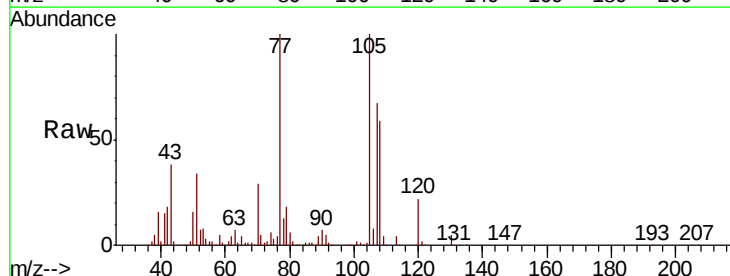


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

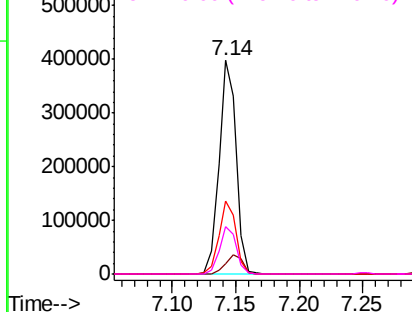
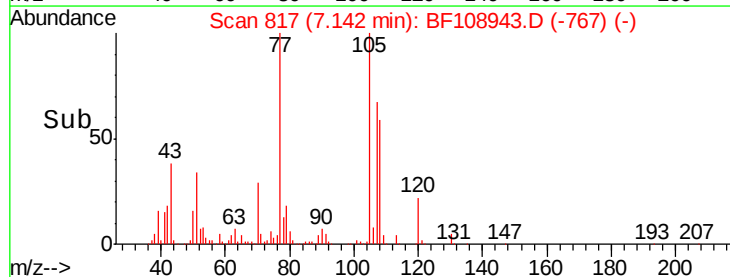


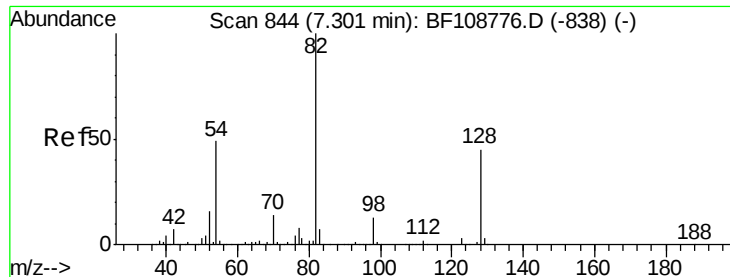
#22
Acetophenone
Concen: 25.007 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:105	Resp:	375637
Ion Ratio	Lower	Upper
105	100	
71	4.7	4.4 6.6
51	34.4	22.3 33.5#
120	22.0	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
500000
Ion 51.00 (50.70 to 51.70): BF1
400000
Ion 120.00 (119.70 to 120.70): E
300000
200000
100000
0

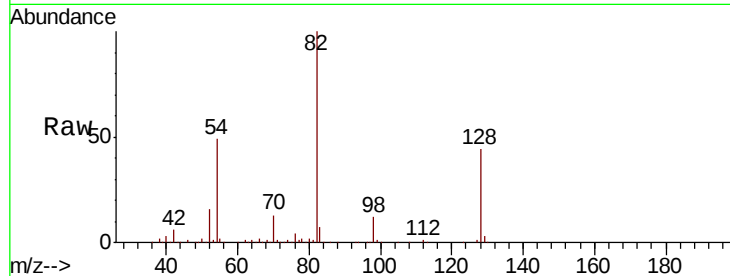




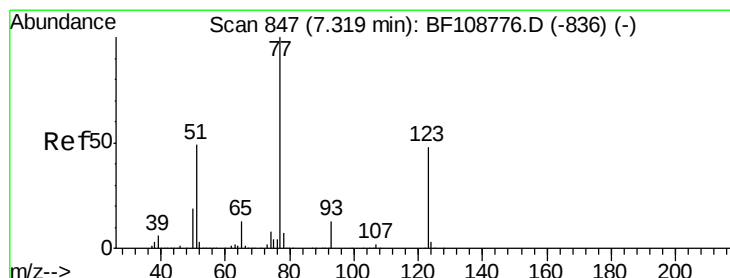
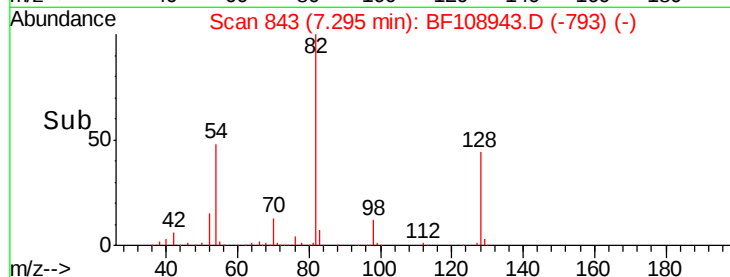
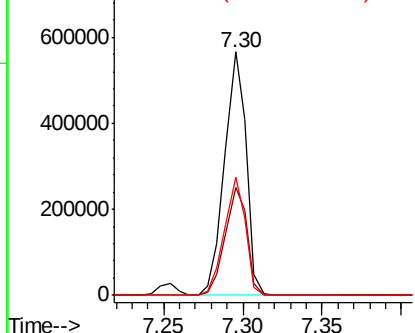
#23
 Nitrobenzene-d5
 Concen: 50.604 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	535189
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	48.5	41.4	62.2

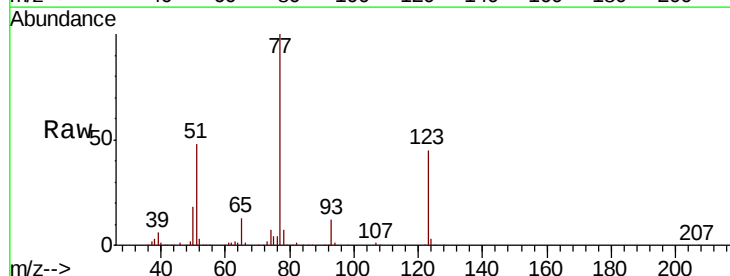


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

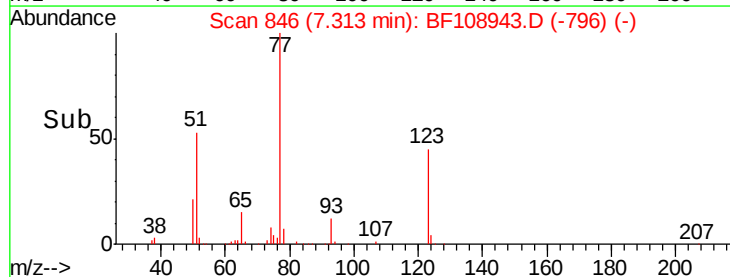
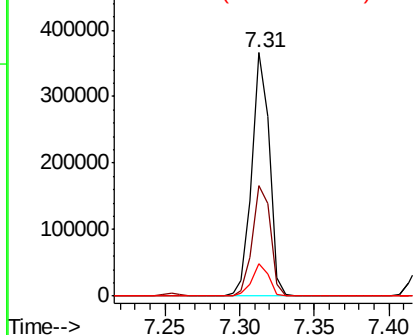


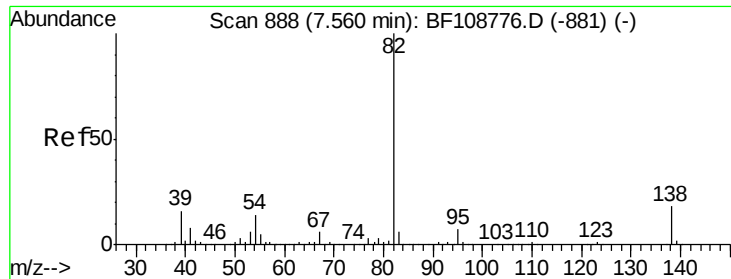
#24
 Nitrobenzene
 Concen: 26.134 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	77	Resp	296559
Ion Ratio	Lower	Upper	
77	100		
123	45.1	37.9	56.9
65	13.3	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: 25.479 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

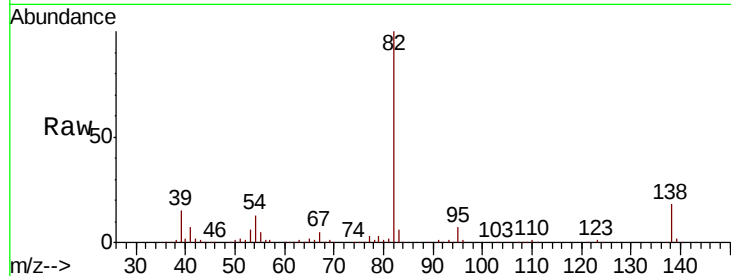
Tot Ion: 82 Resp: 537514

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

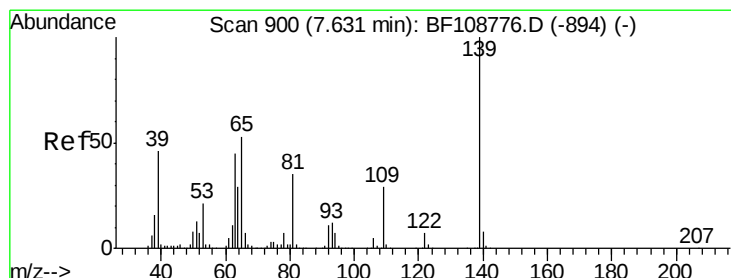
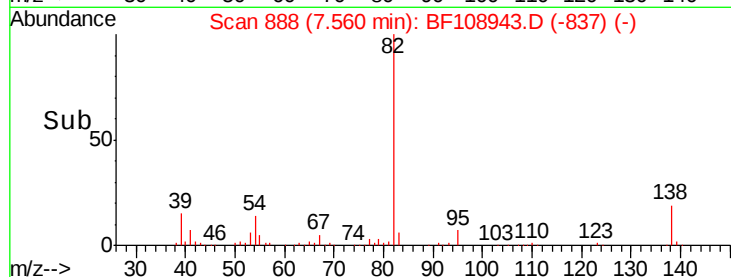
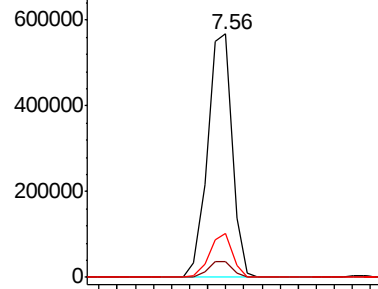
138 18.3 14.9 22.3



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



#26

2-Nitrophenol

Concen: 30.349 ng

RT: 7.64 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

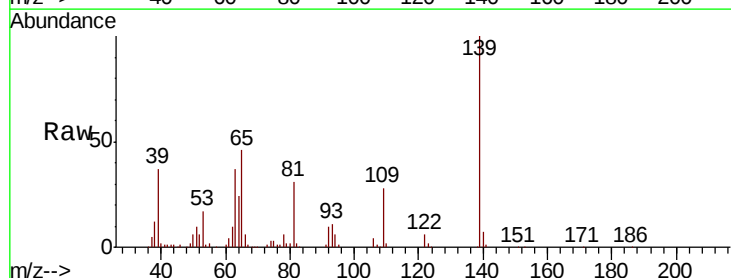
Tgt Ion: 139 Resp: 135682

Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

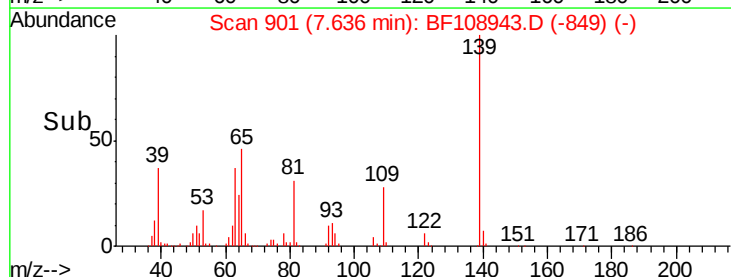
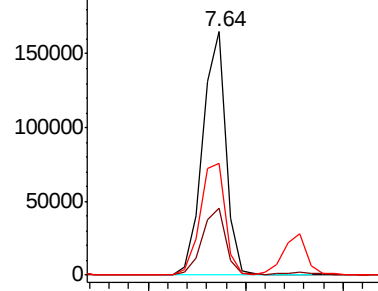
65 45.9 40.5 60.7

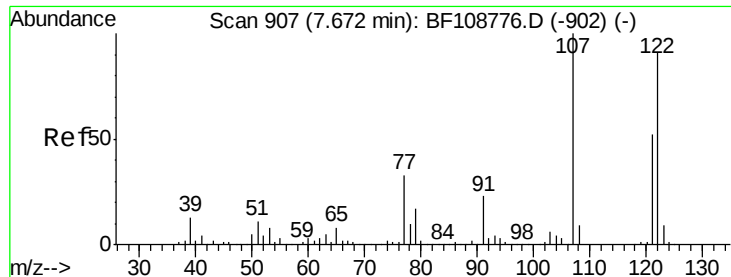


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

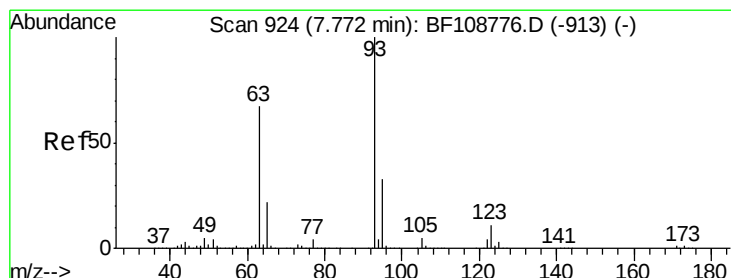
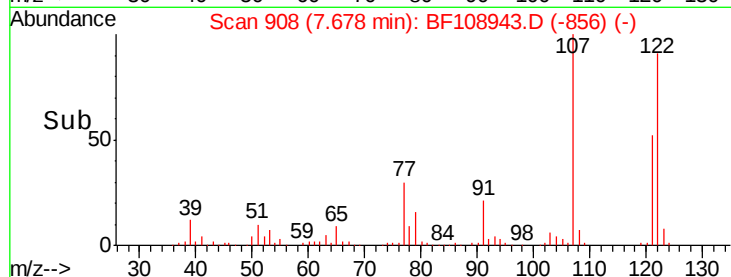
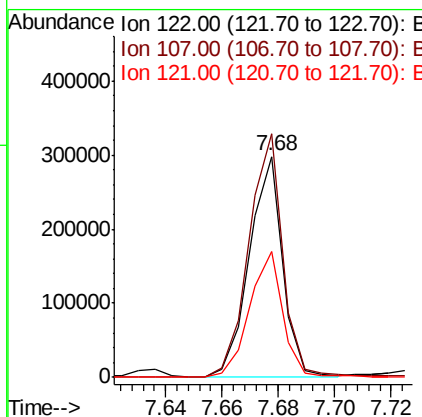
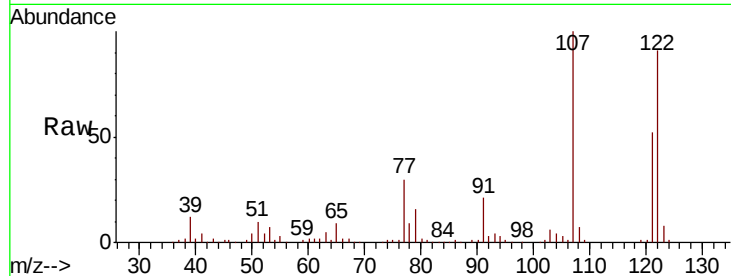




#27
 2,4-Dimethylphenol
 Concen: 26.991 ng
 RT: 7.68 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

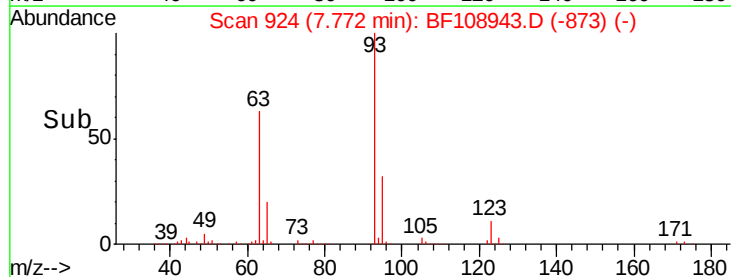
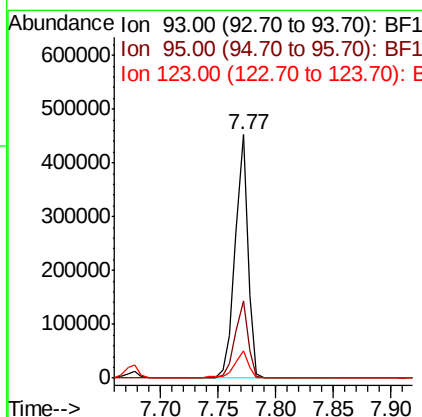
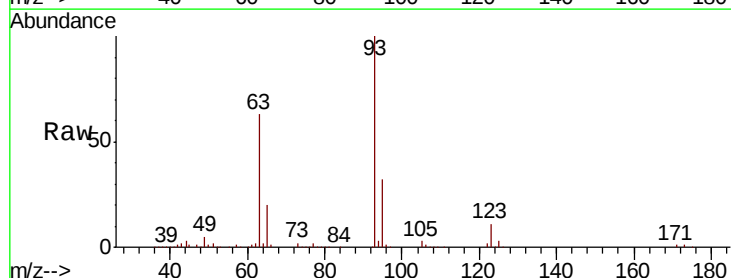
Instrument :
 BNA_F
 ClientSampled :

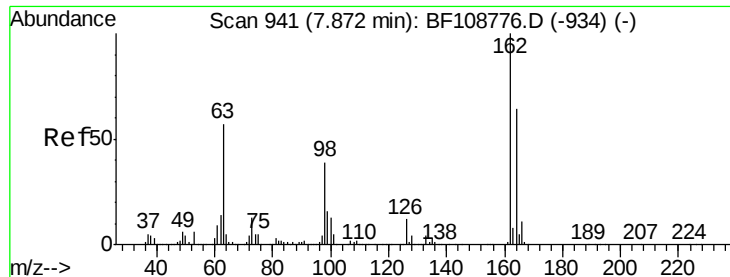
Tot Ion:122 Resp: 245038
 Ion Ratio Lower Upper
 122 100
 107 110.1 91.2 136.8
 121 57.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.722 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion: 93 Resp: 348686
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 11.1 9.8 14.6

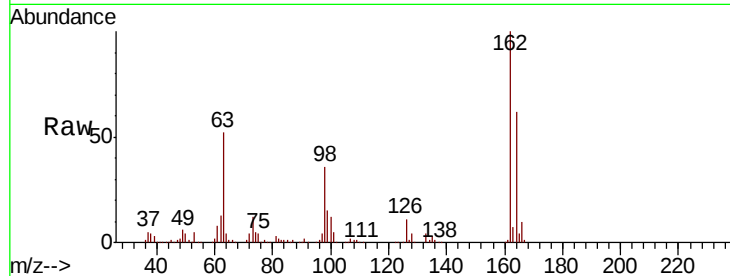




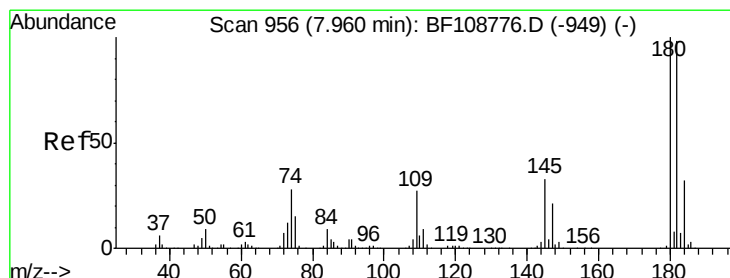
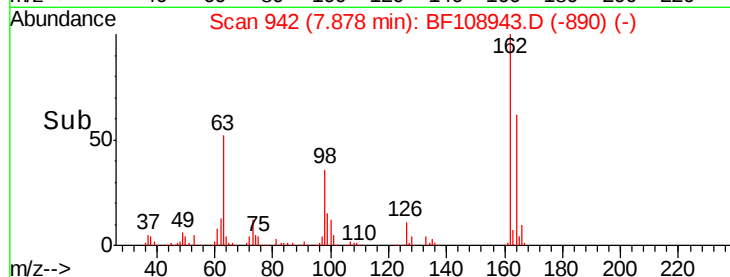
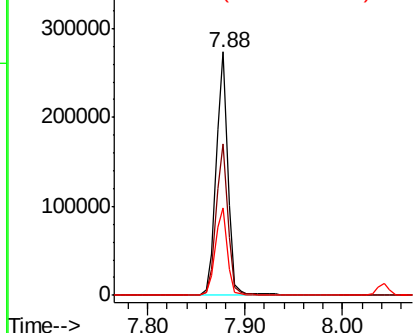
#29
2,4-Dichlorophenol
Concen: 24.388 ng
RT: 7.88 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.7	82.7
98	36.2	18.1	58.1

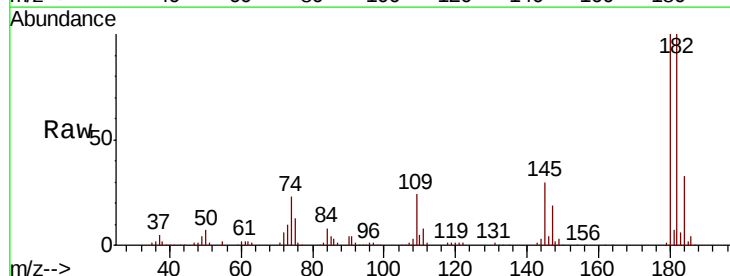


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

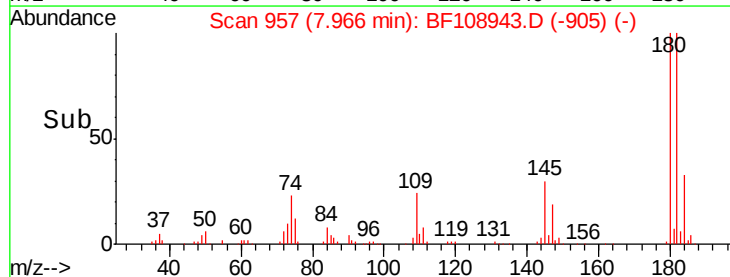
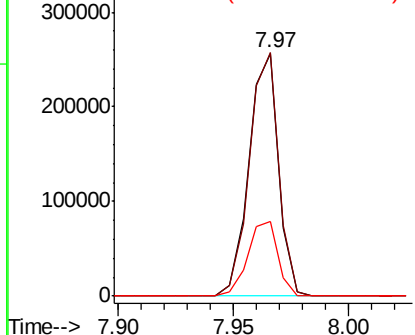


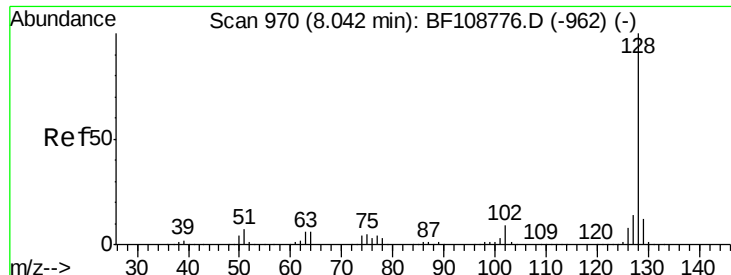
#30
1,2,4-Trichlorobenzene
Concen: 22.615 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	30.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

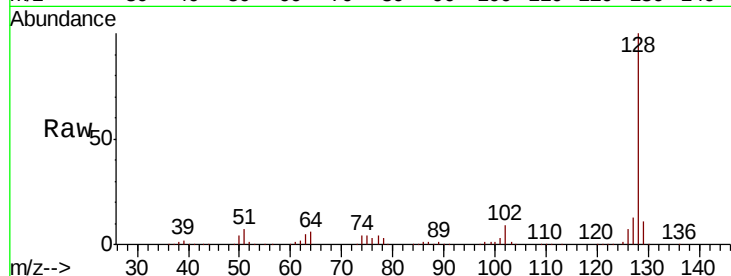




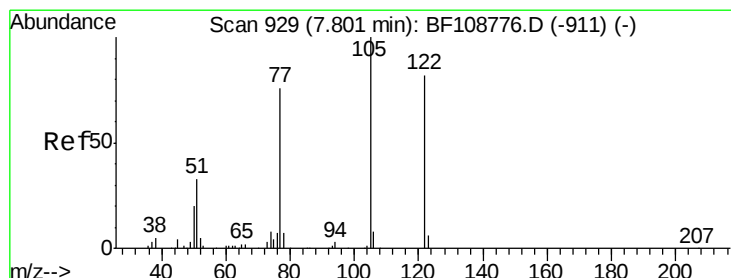
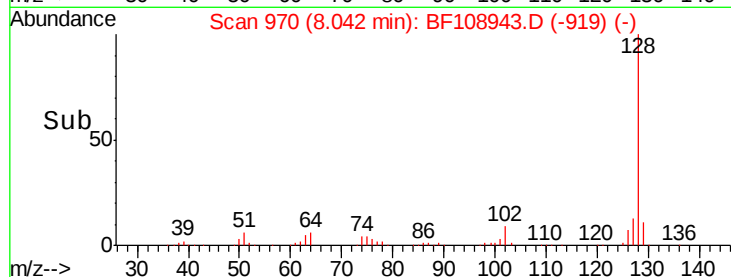
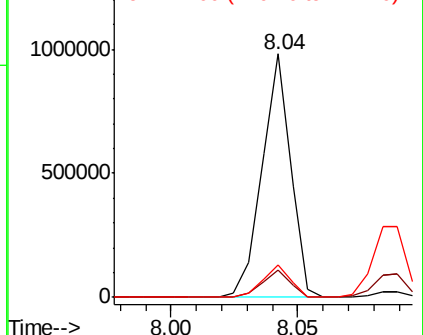
#31
Naphthalene
Concen: 26.127 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 777987
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.9 16.3

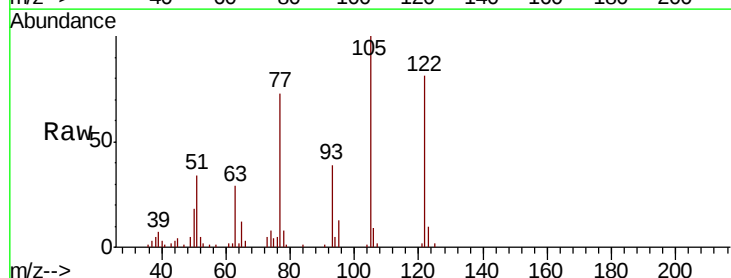


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

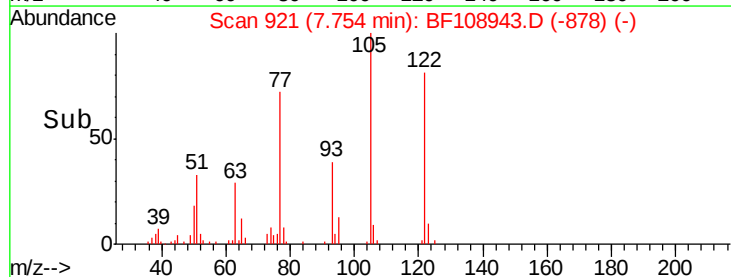
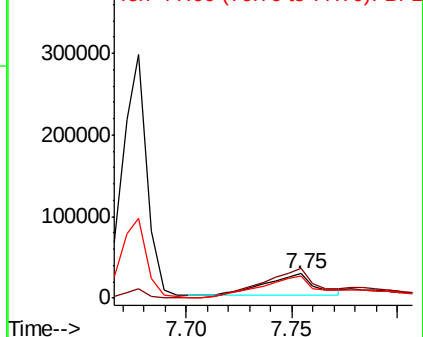


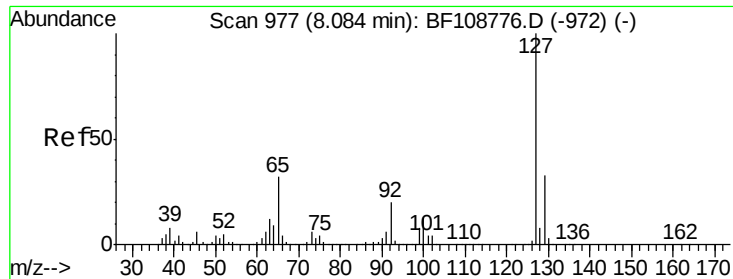
#32
Benzoic acid
Concen: 11.778 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.05 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:122 Resp: 45193
Ion Ratio Lower Upper
122 100
105 124.1 101.1 141.1
77 90.7 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

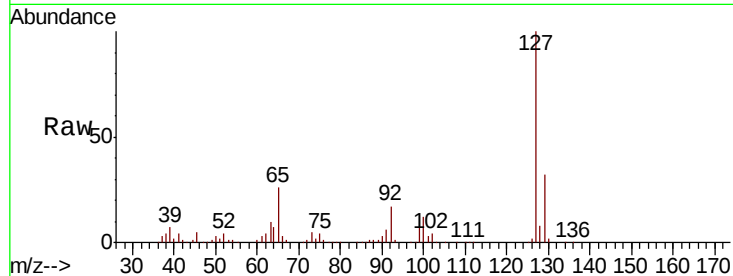




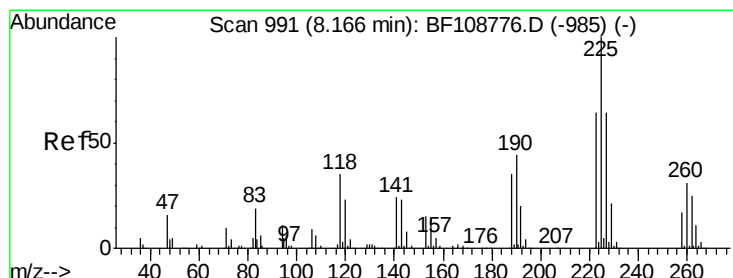
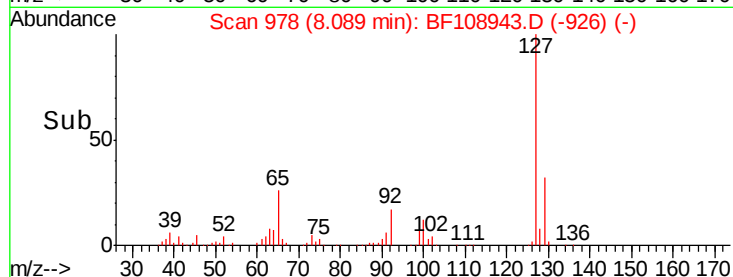
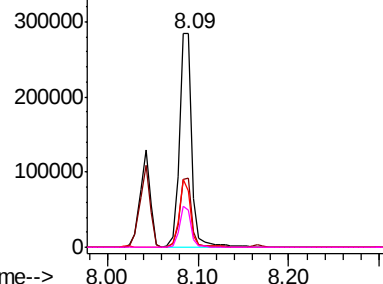
#33
4-Chloroaniline
Concen: 20.265 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	277148
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	26.3	25.0	37.4
92	17.4	15.2	22.8

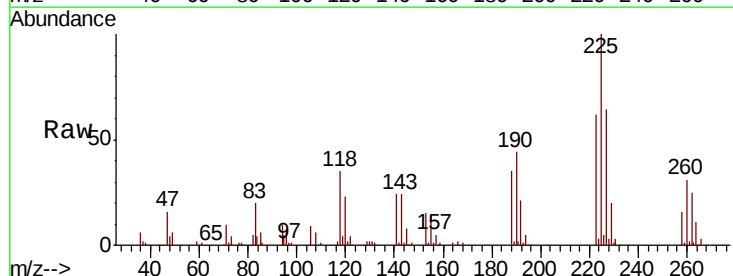


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

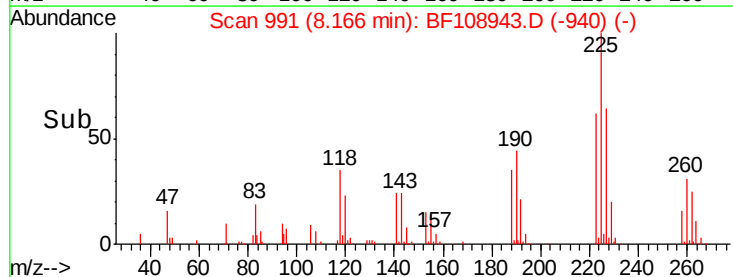
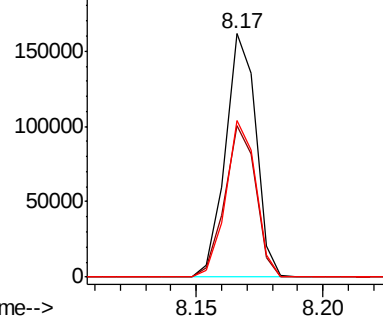


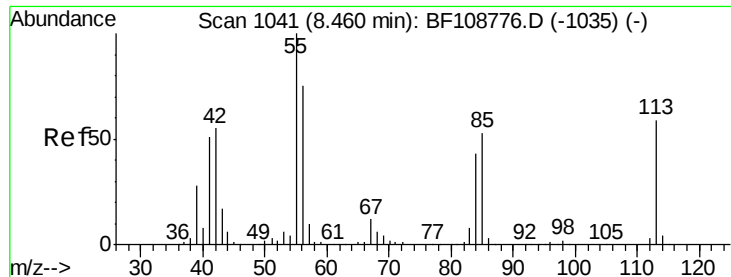
#34
Hexachlorobutadiene
Concen: 22.543 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:	225	Resp:	136623
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	64.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

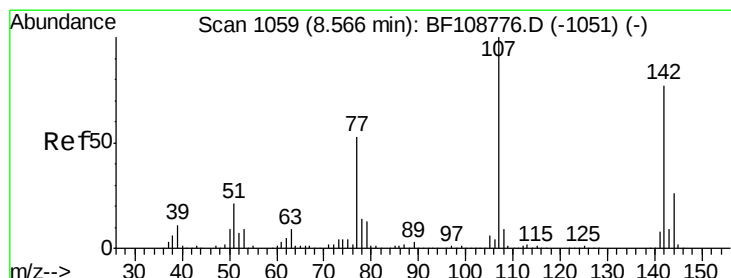
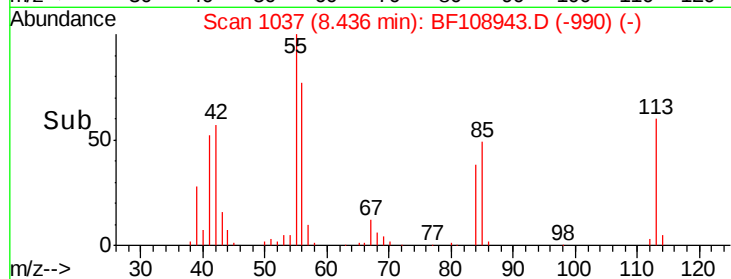
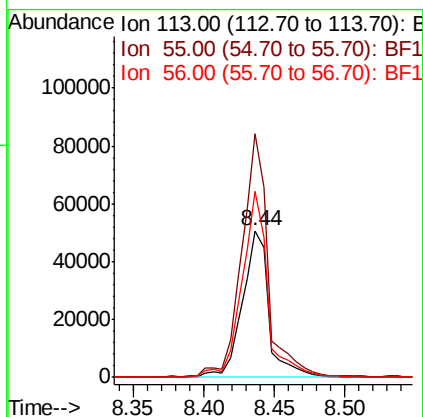
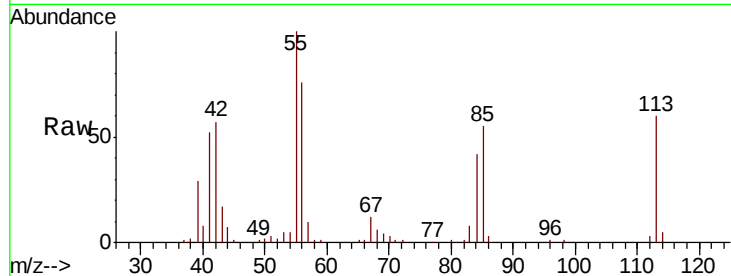




#35
 Caprolactam
 Concen: 20.738 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

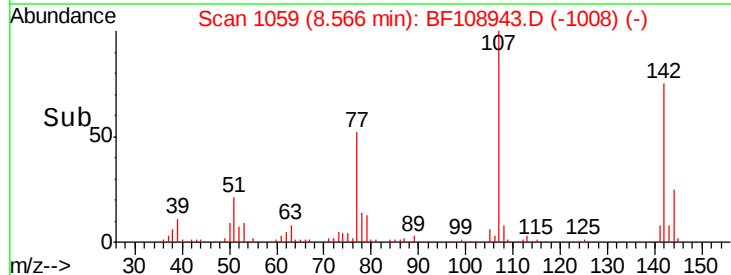
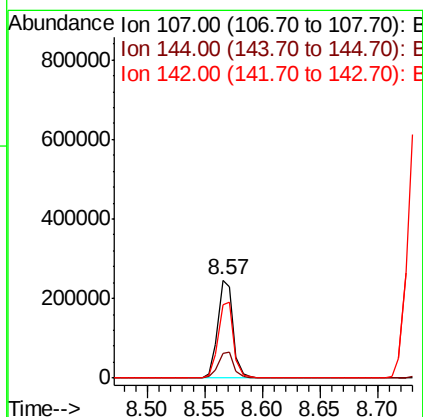
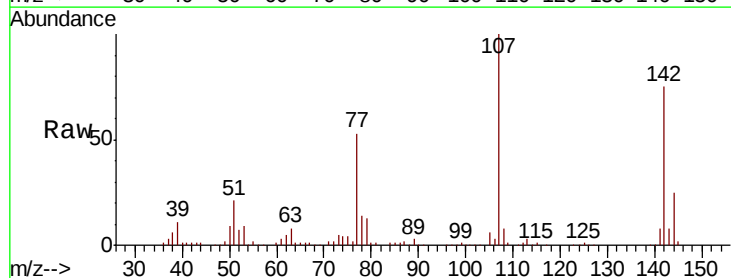
Instrument :
 BNA_F
 ClientSampleId :

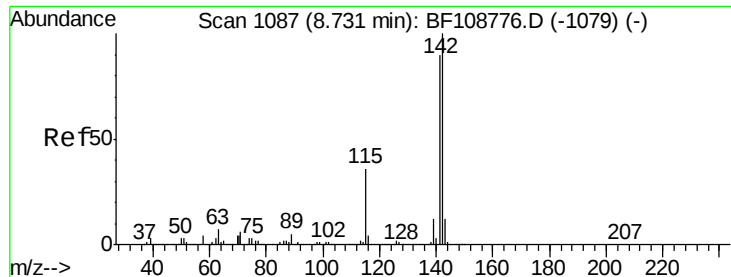
Tot Ion:113 Resp: 65784
 Ion Ratio Lower Upper
 113 100
 55 166.2 163.3 203.3
 56 126.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 22.942 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion:107 Resp: 228786
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 75.0 62.0 93.0

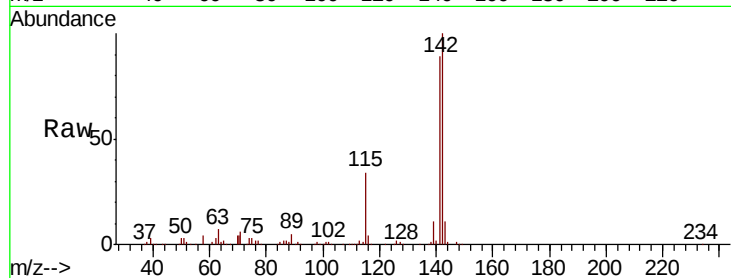




#37
 2-Methylnaphthalene
 Concen: 25.466 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	34.0	26.1	39.1

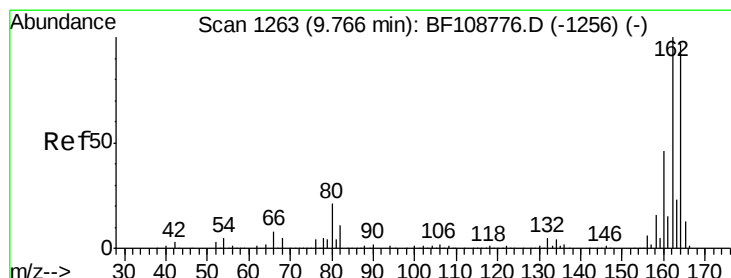
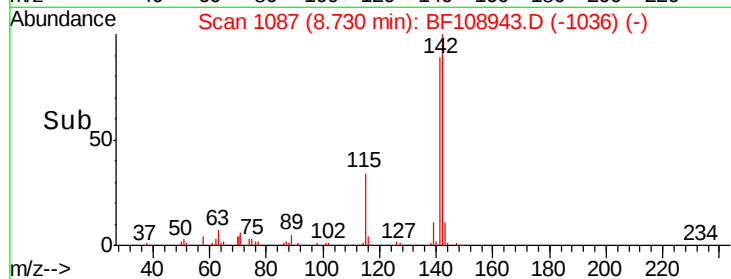
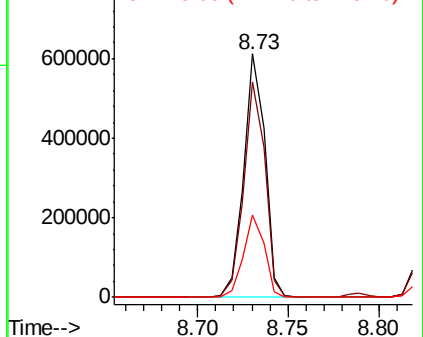


Abundance

Ion 142.00 (141.70 to 142.70): E

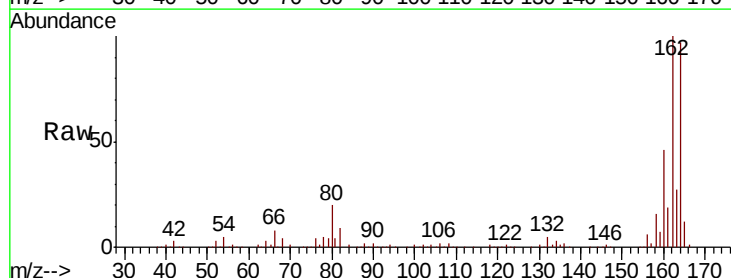
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.3	38.3	57.5

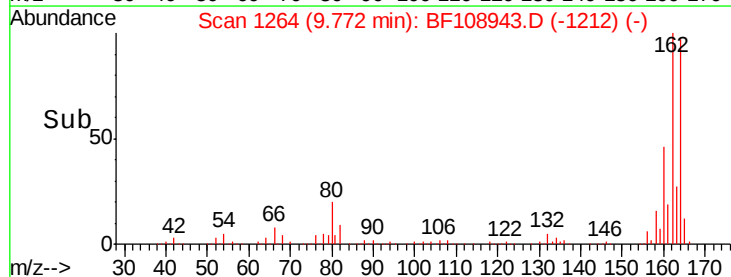
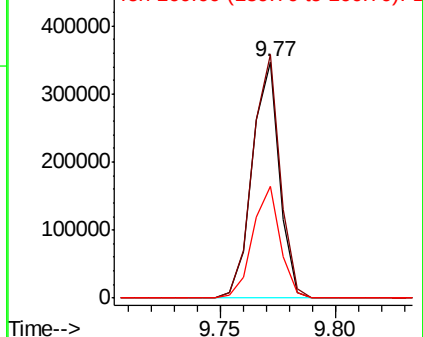


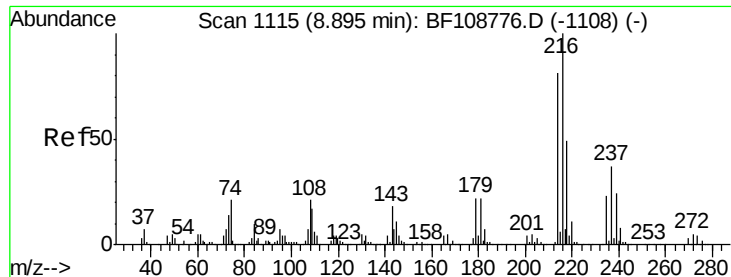
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.552 ng

RT: 8.90 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 218693

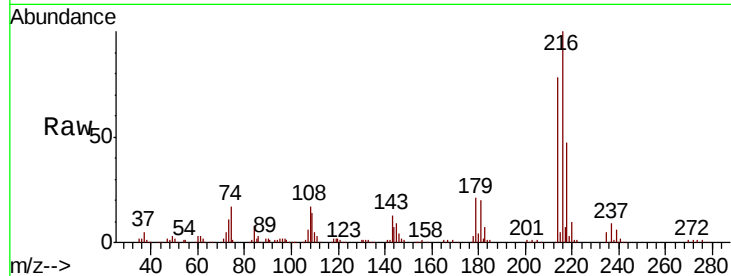
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 20.9 18.1 27.1

108 20.1 17.2 25.8

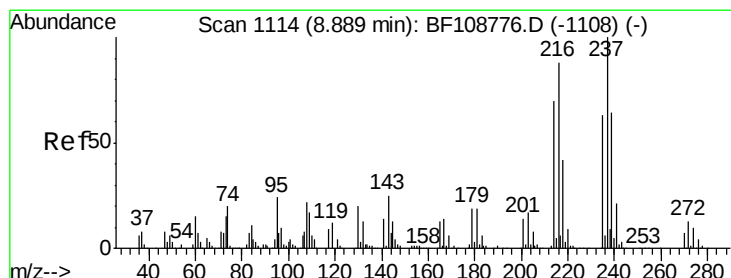
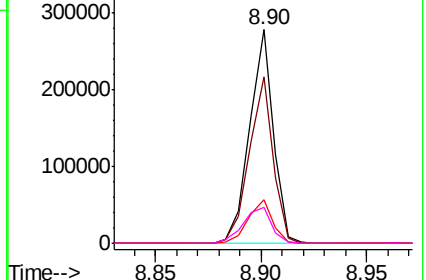
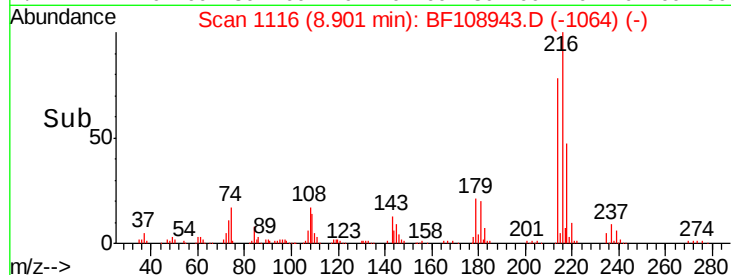


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 34.567 ng

RT: 8.89 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

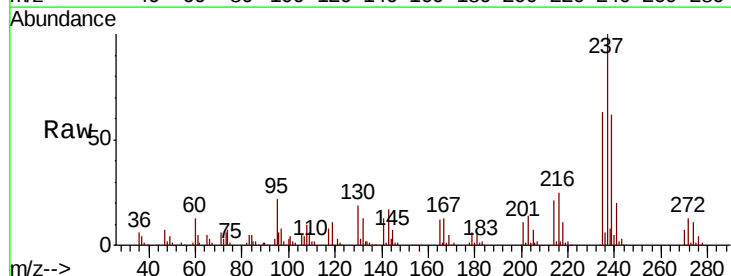
Tgt Ion:237 Resp: 148838

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

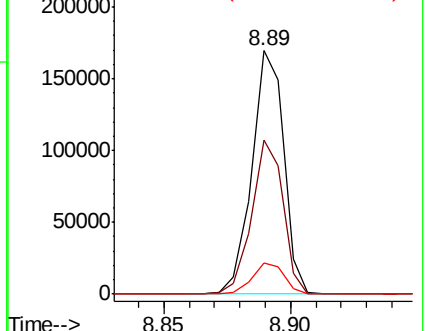
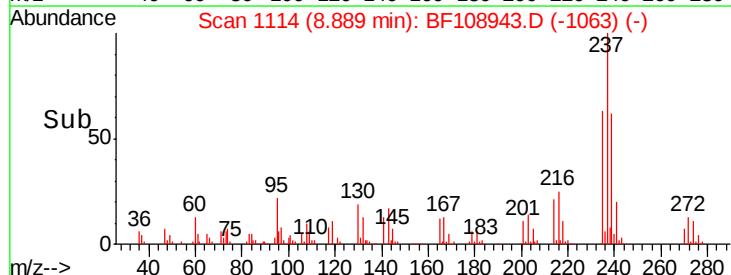
272 12.5 0.0 33.3

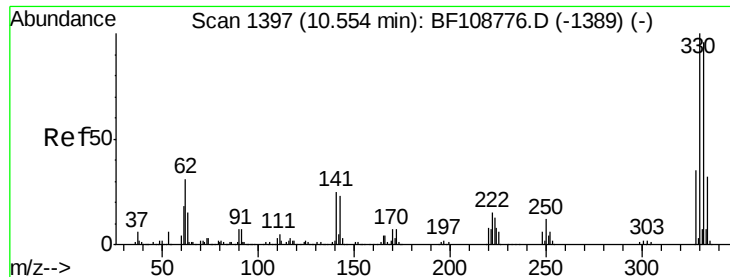


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

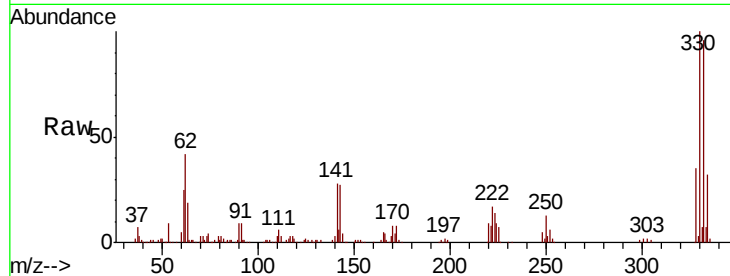




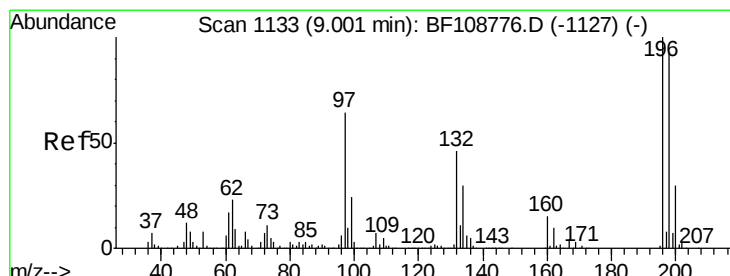
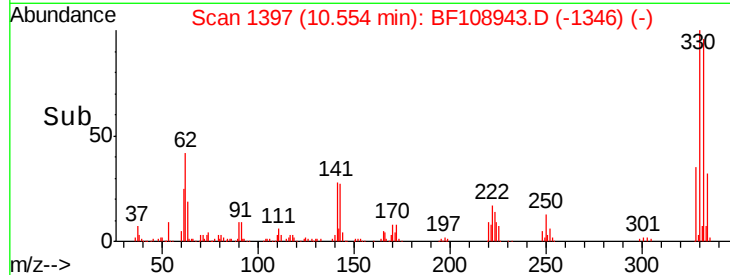
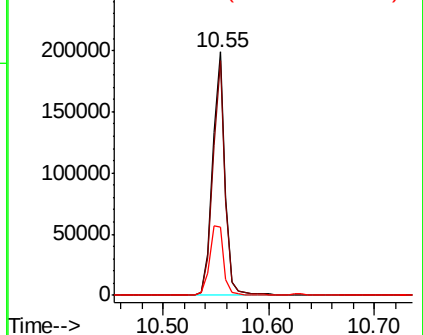
#41
 2,4,6-Tribromophenol
 Concen: 61.270 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 167470
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.0 29.9 44.9

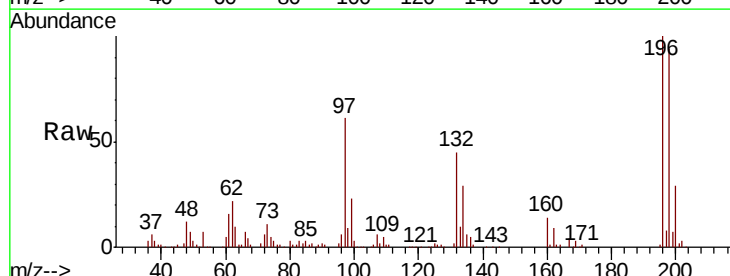


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

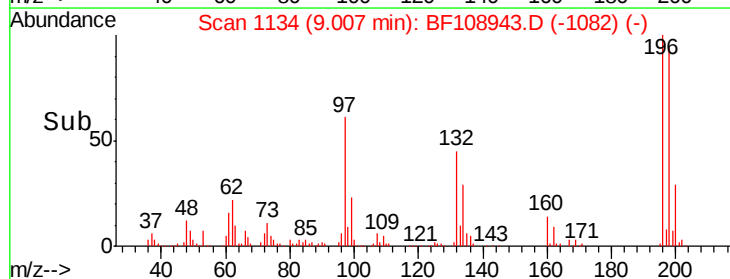
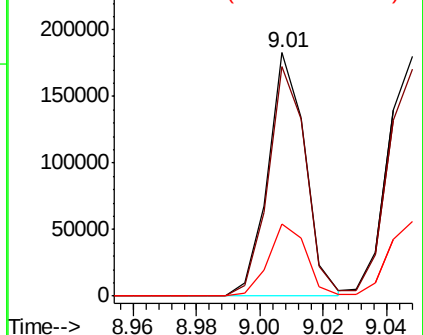


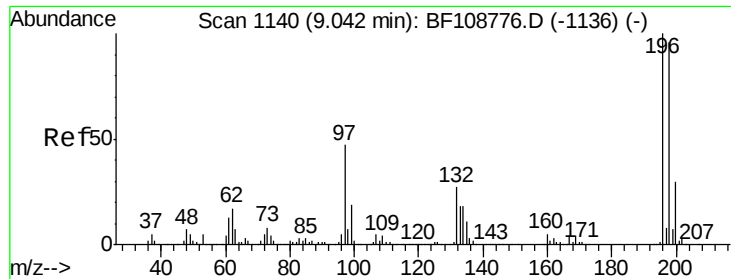
#42
 2,4,6-Trichlorophenol
 Concen: 25.575 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion:196 Resp: 149092
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

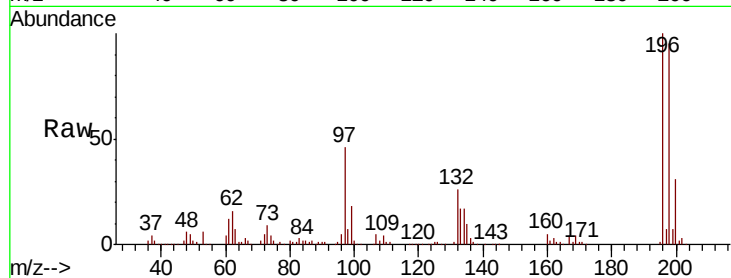




#43
2,4,5-Trichlorophenol
Concen: 26.530 ng
RT: 9.05 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	45.8	42.9	64.3
132	26.4	26.3	39.5



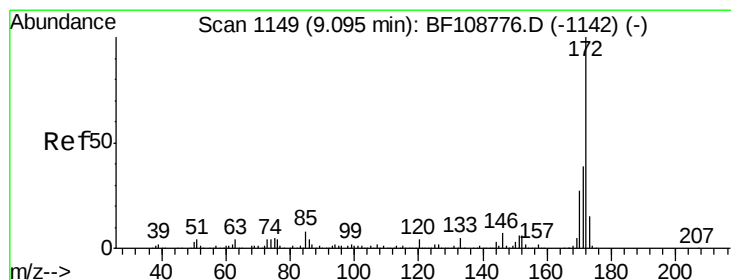
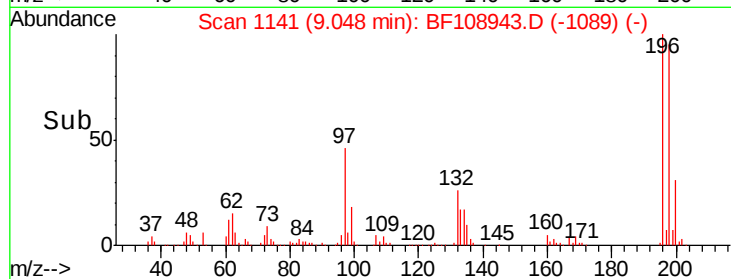
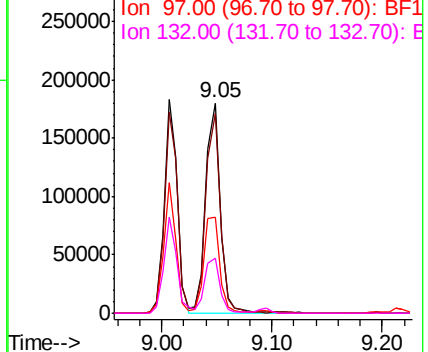
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

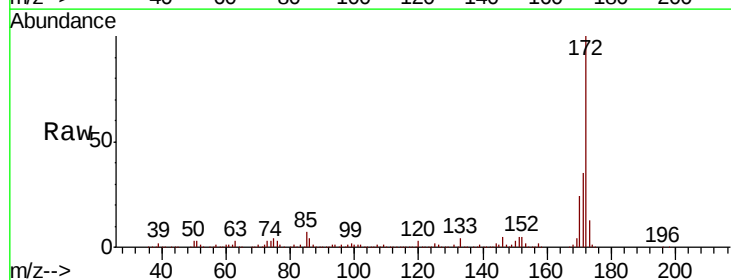
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 49.821 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	24.3	19.6	29.4

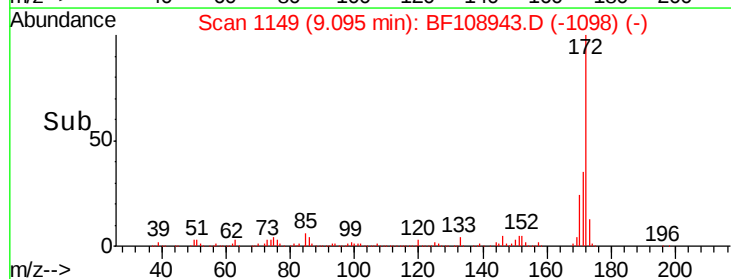
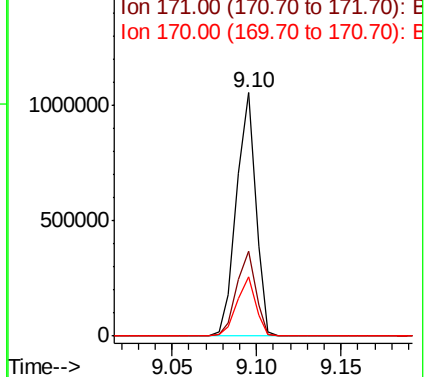


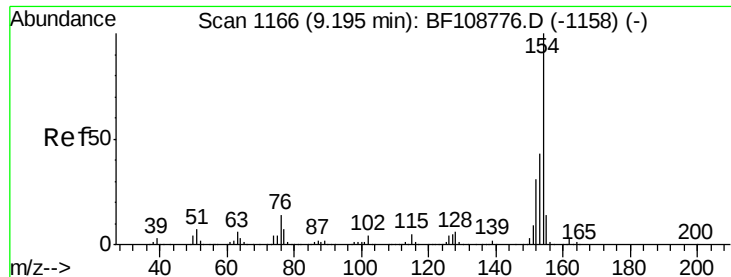
Abundance

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

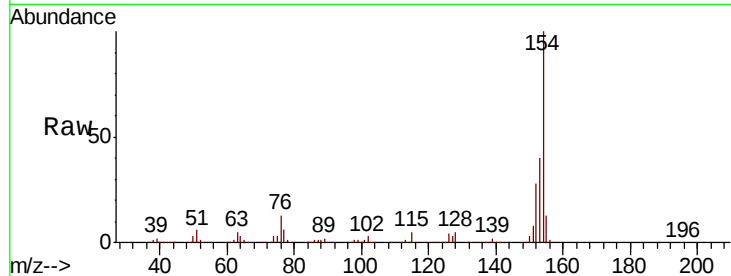




#45
 1,1'-Biphenyl
 Concen: 26.400 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	12.9	0.0	34.0

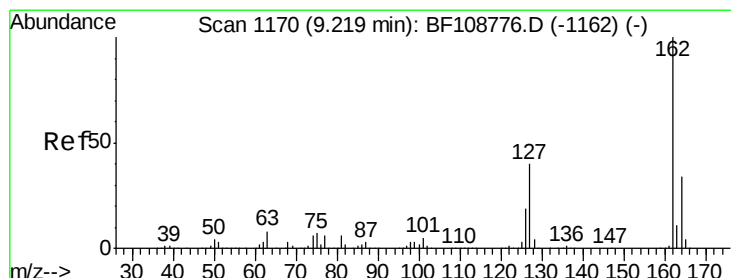
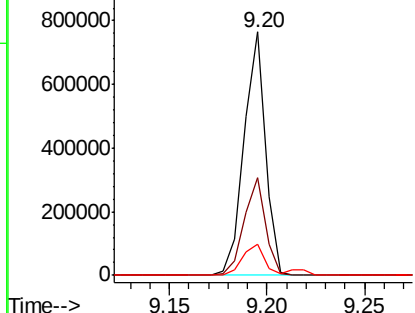
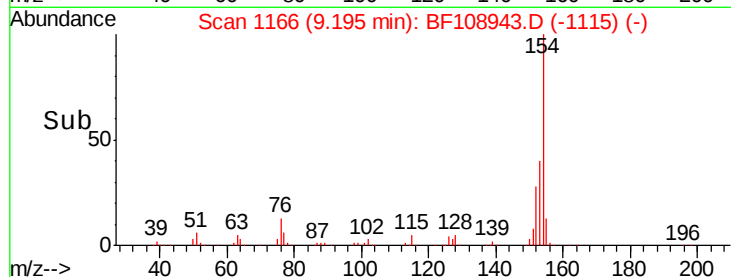


Abundance

Ion 154.00 (153.70 to 154.70): E

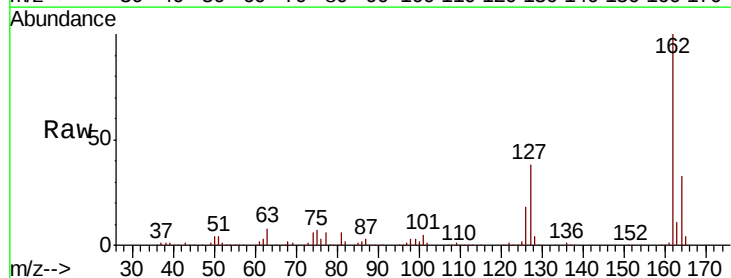
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 25.209 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	33.9	50.9
164	33.0	26.5	39.7

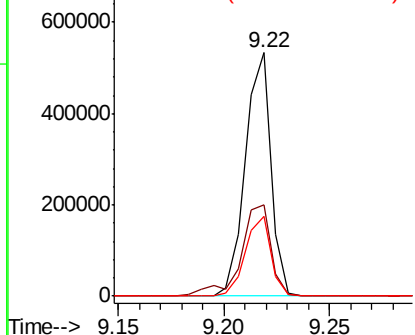
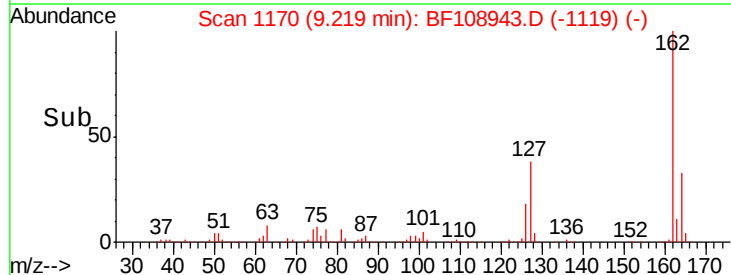


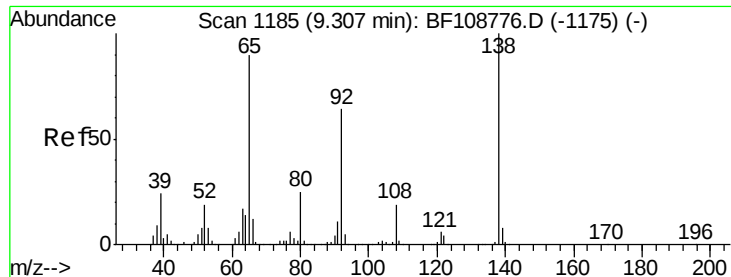
Abundance

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

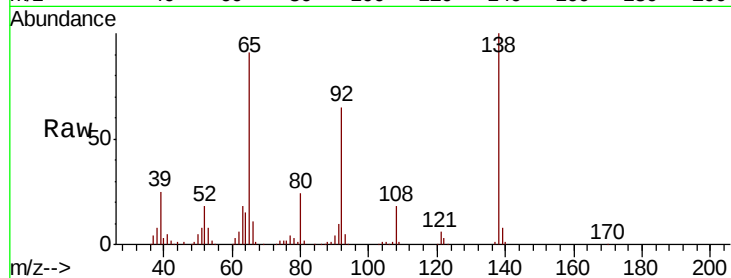




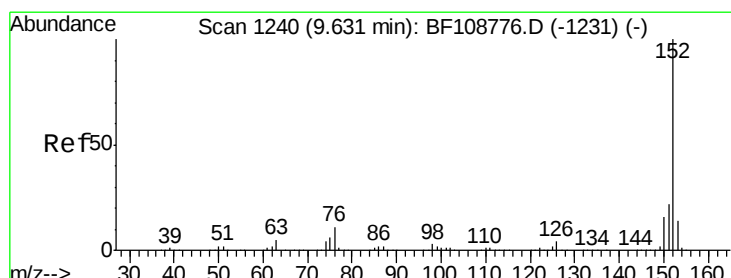
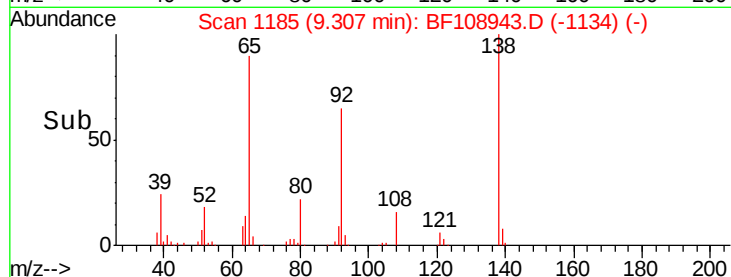
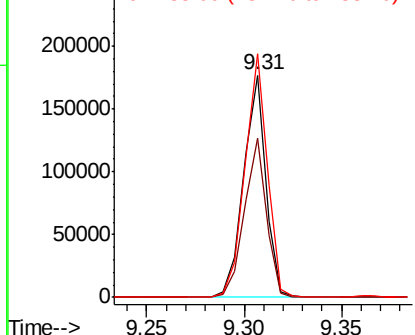
#47
2-Nitroaniline
Concen: 28.740 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 139965
Ion Ratio Lower Upper
65 100
92 71.4 55.8 83.6
138 109.5 91.2 136.8

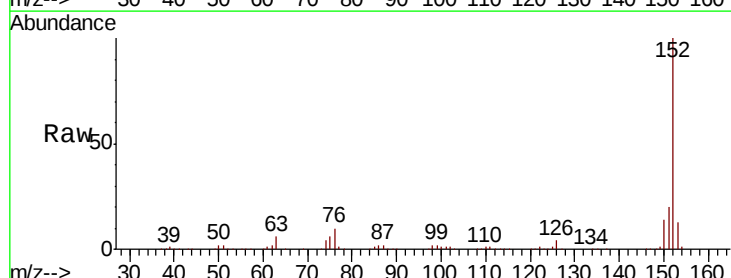


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

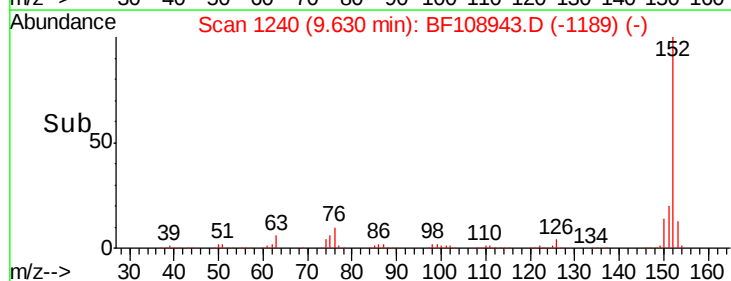
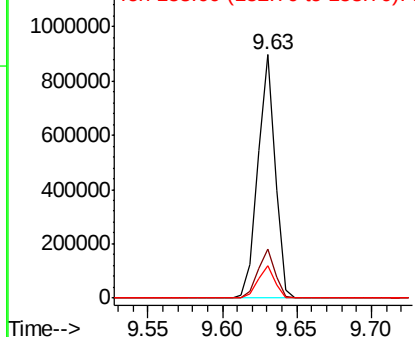


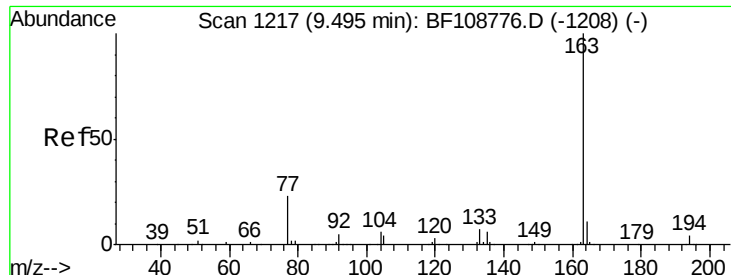
#48
Acenaphthylene
Concen: 26.684 ng
RT: 9.63 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion: 152 Resp: 709058
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 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

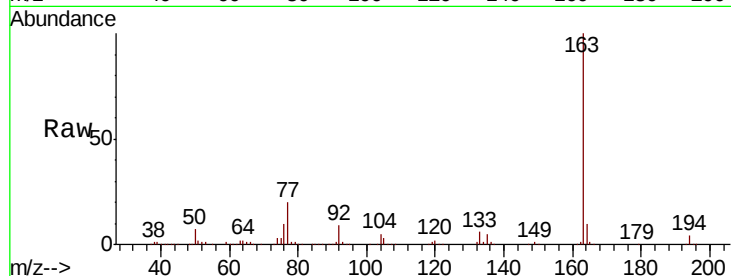




#49
Dimethylphthalate
Concen: 38.986 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2

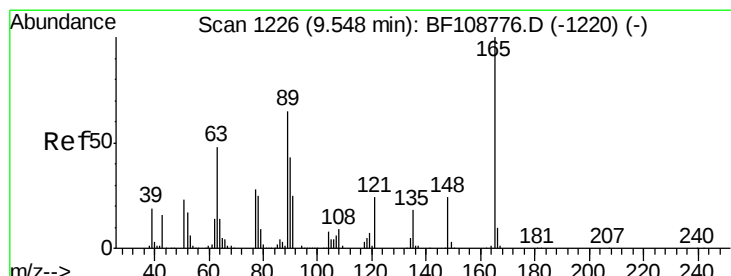
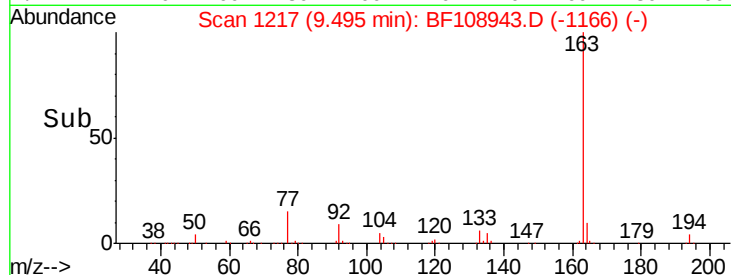
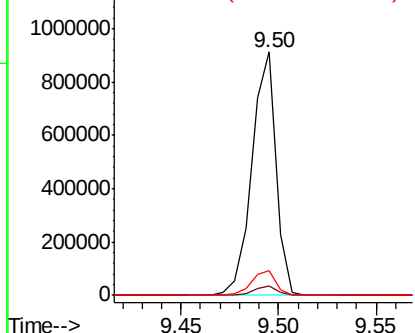


Abundance

Ion 163.00 (162.70 to 163.70): E

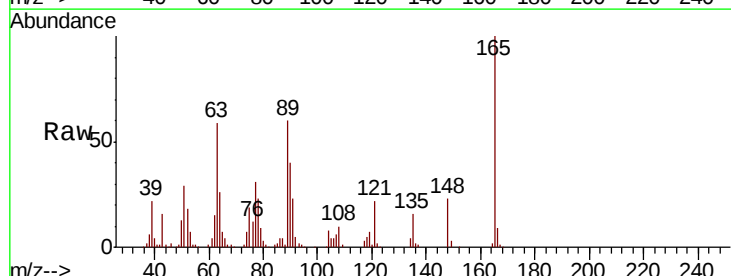
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 29.859 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.3	44.7	67.1
89	59.8	44.0	66.0

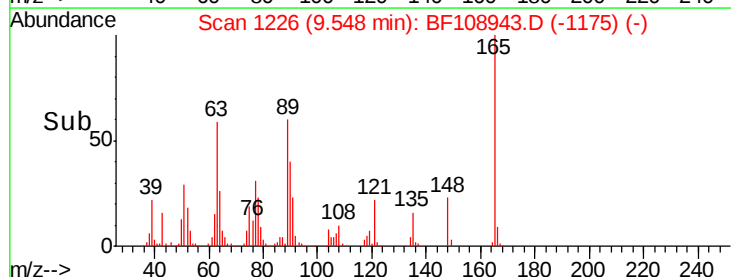
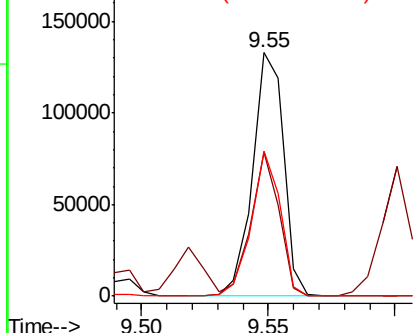


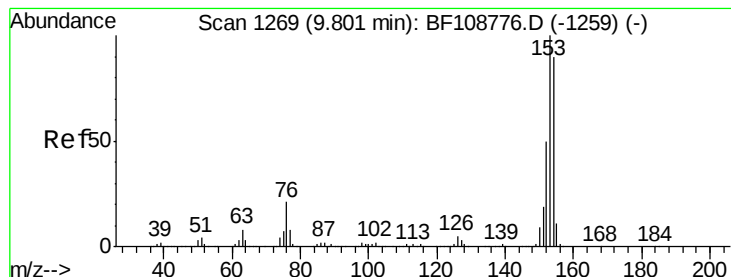
Abundance

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: 25.585 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

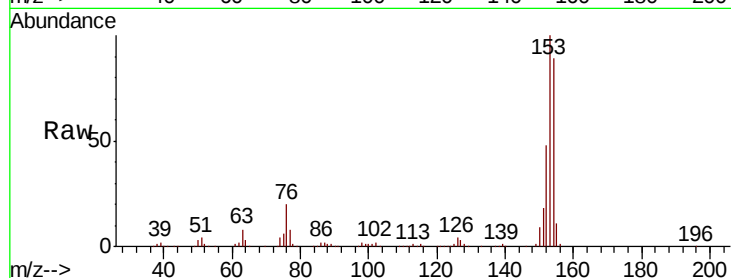
Tot Ion:154 Resp: 420713

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

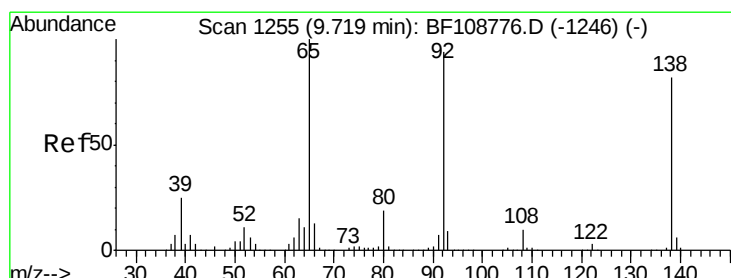
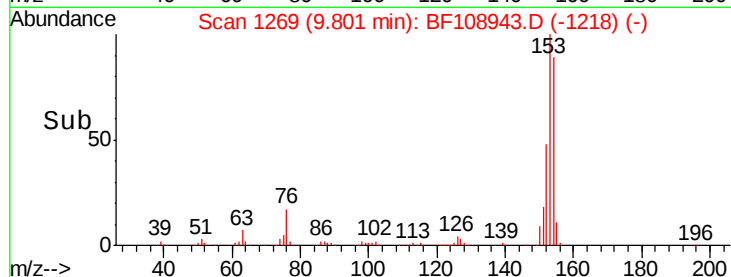
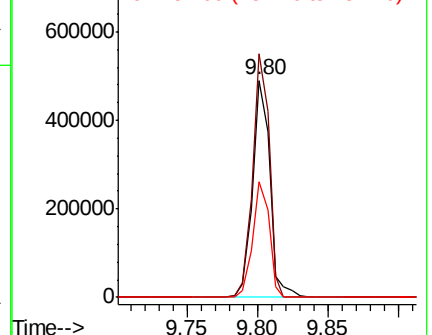
152 53.5 43.8 65.8



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



#52

3-Nitroaniline

Concen: 24.732 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

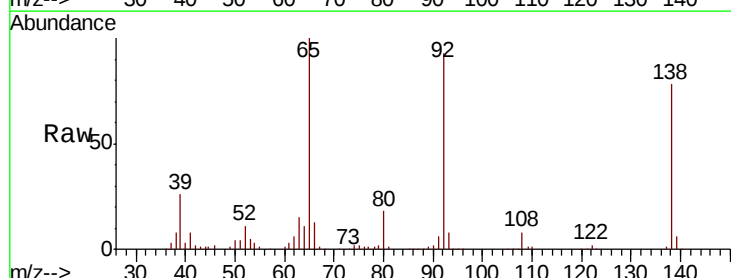
Tgt Ion:138 Resp: 112343

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

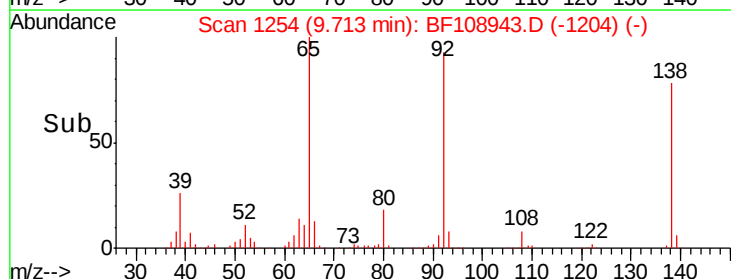
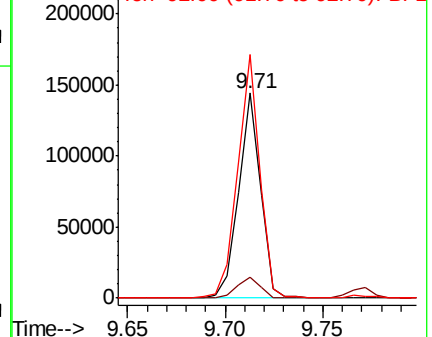
92 118.7 89.4 134.2

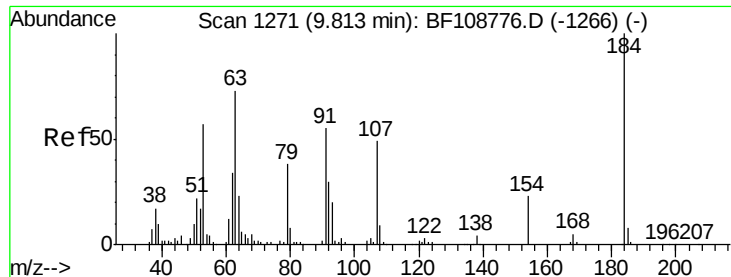


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

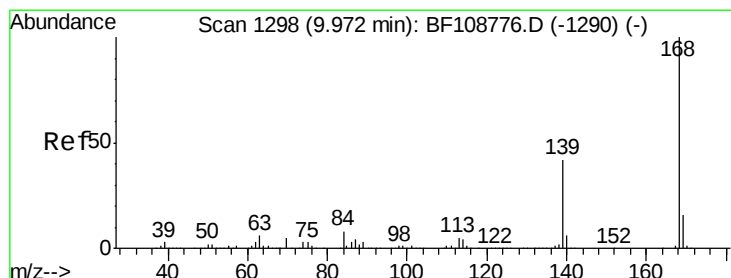
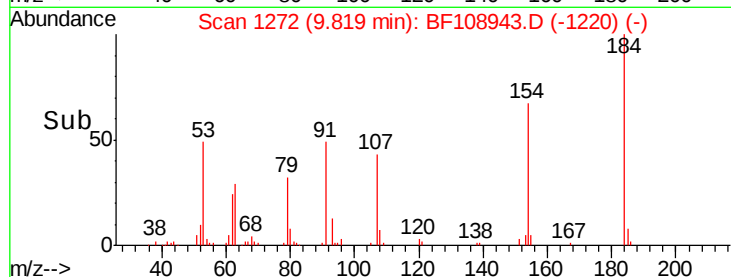
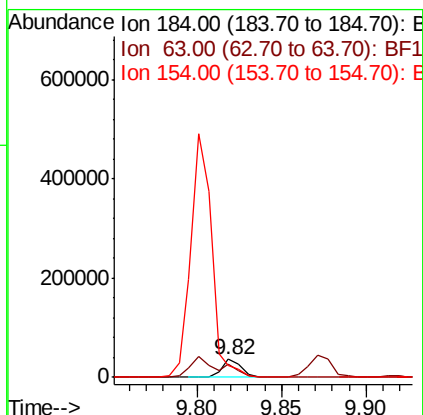
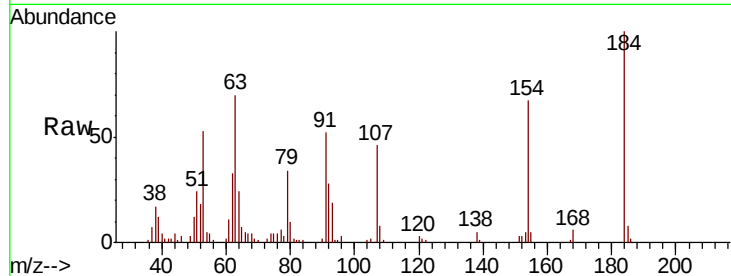




#53
 2,4-Dinitrophenol
 Concen: 28.412 ng
 RT: 9.82 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

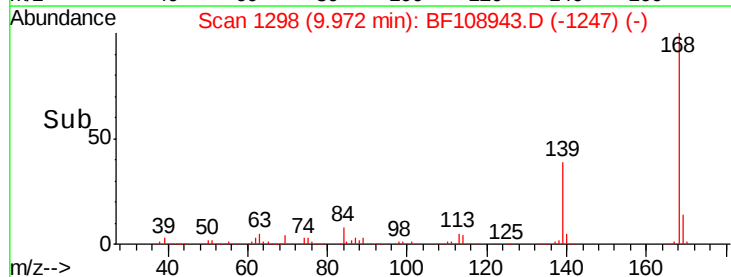
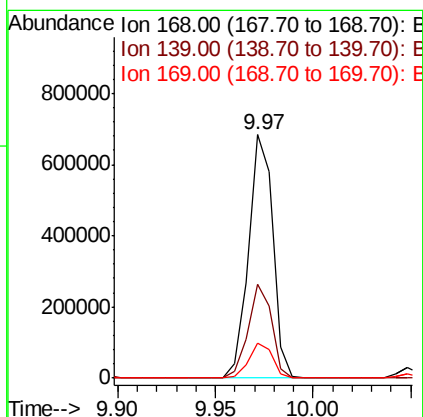
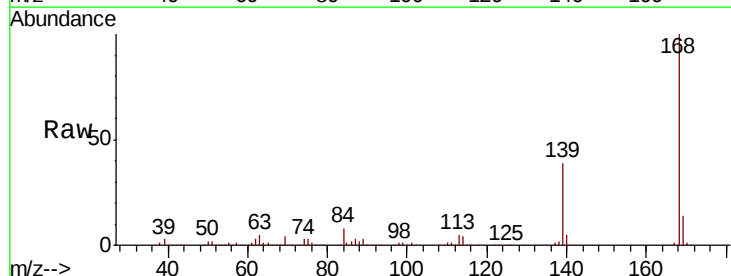
Instrument :
 BNA_F
 ClientSampleId :

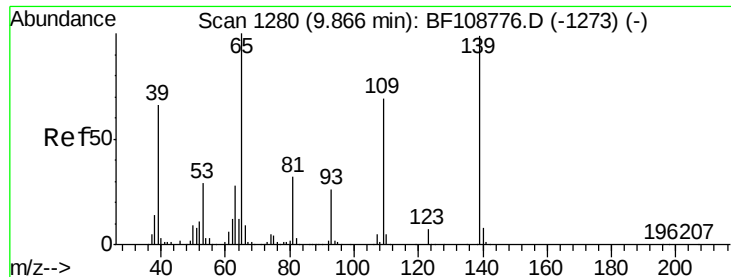
Tot Ion:184 Resp: 30315
 Ion Ratio Lower Upper
 184 100
 63 69.9 54.2 81.2
 154 66.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 24.580 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion:168 Resp: 589169
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 14.5 10.9 16.3

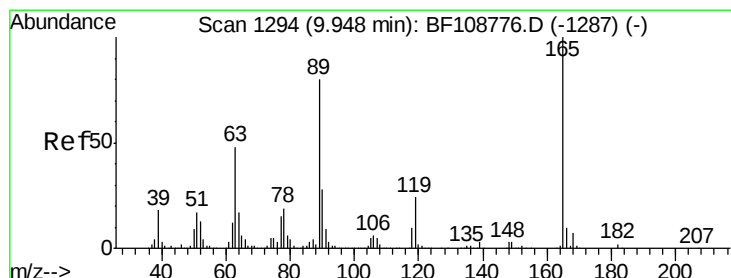
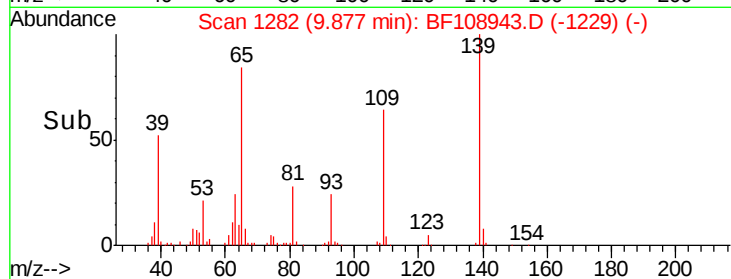
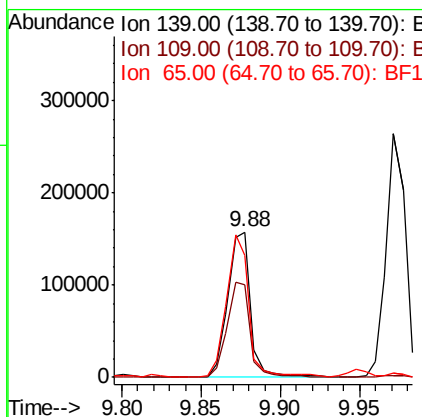
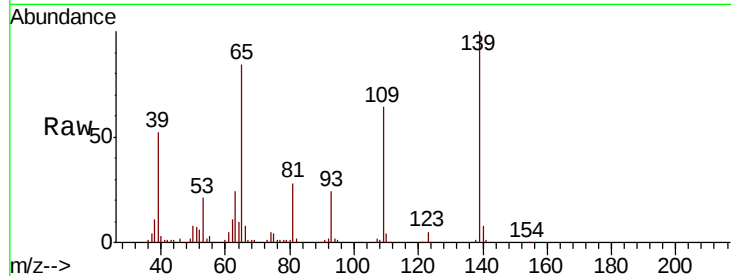




#55
4-Nitrophenol
Concen: 46.387 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

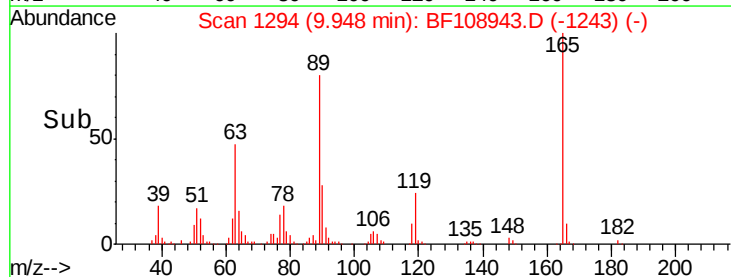
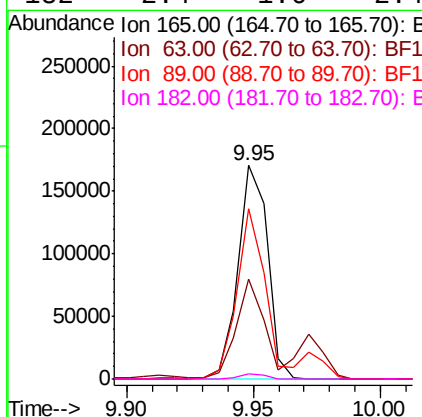
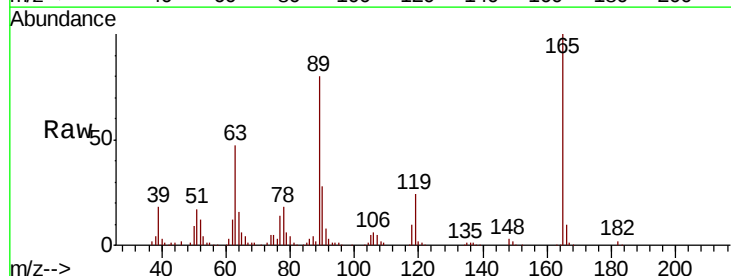
Instrument :
BNA_F
ClientSampleId :

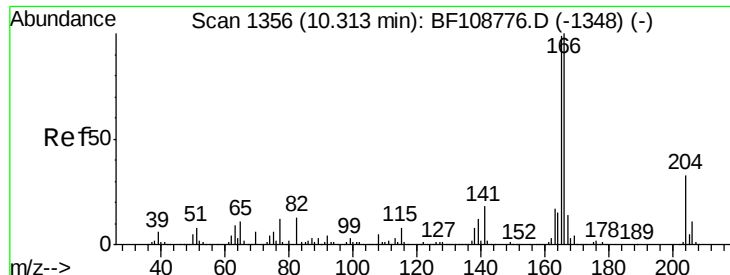
Tot Ion:139 Resp: 157522
Ion Ratio Lower Upper
139 100
109 63.9 48.4 88.4
65 84.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 28.312 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:165 Resp: 138164
Ion Ratio Lower Upper
165 100
63 46.7 36.4 54.6
89 79.6 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 27.789 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

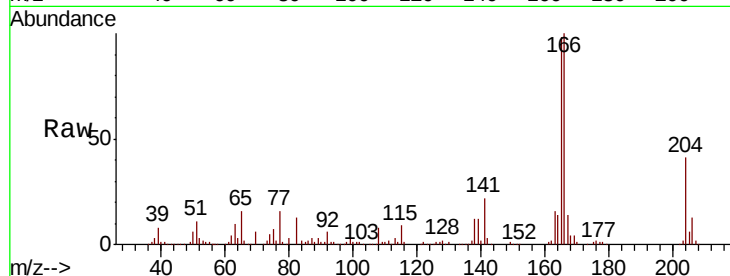
Tot Ion:166 Resp: 427452

Ion Ratio Lower Upper

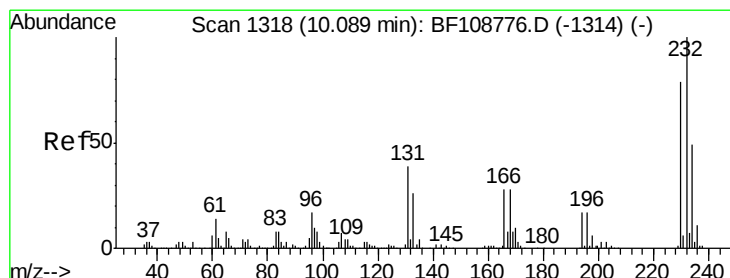
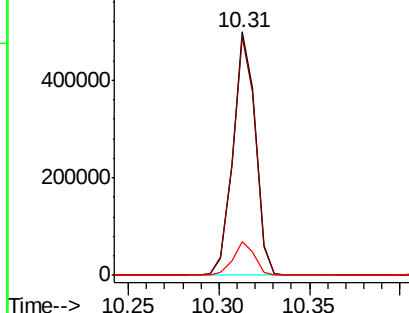
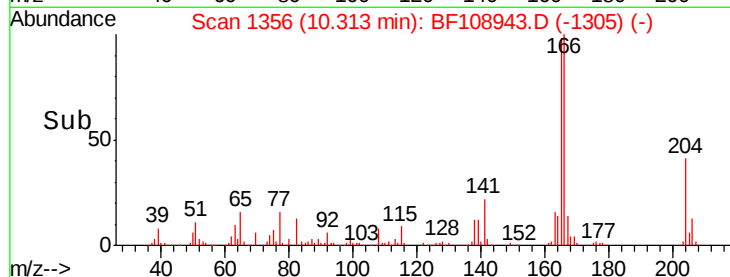
166 100

165 98.1 79.8 119.8

167 13.9 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



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.233 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:232 Resp: 118089

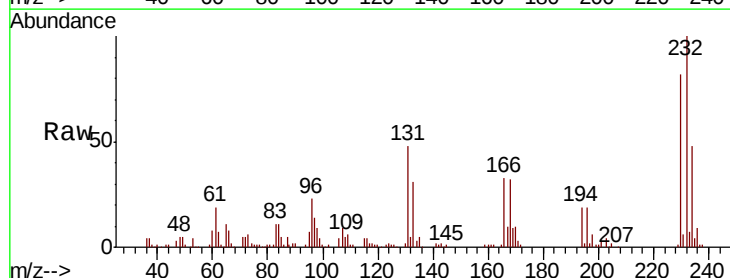
Ion Ratio Lower Upper

232 100

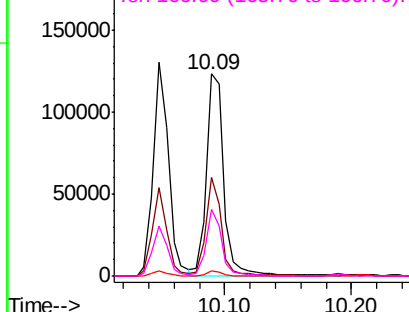
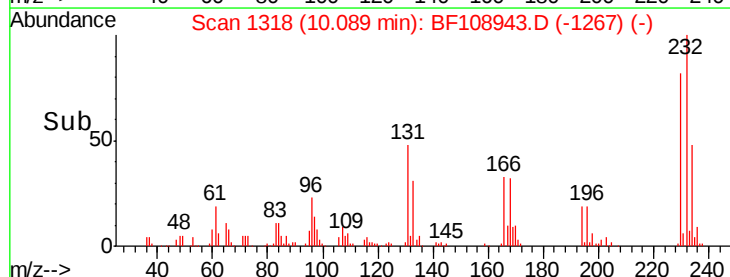
131 44.4 43.8 65.8

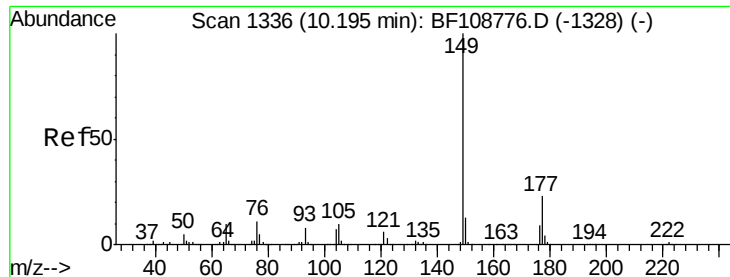
130 2.0 2.1 3.1#

166 29.7 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

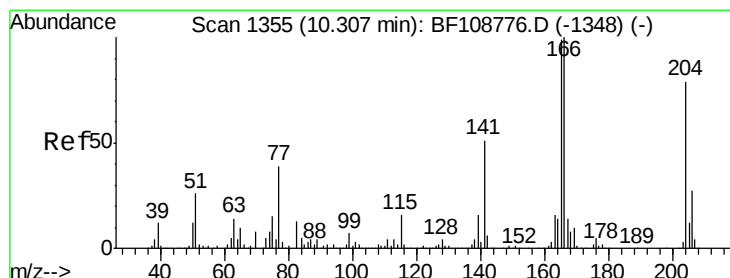
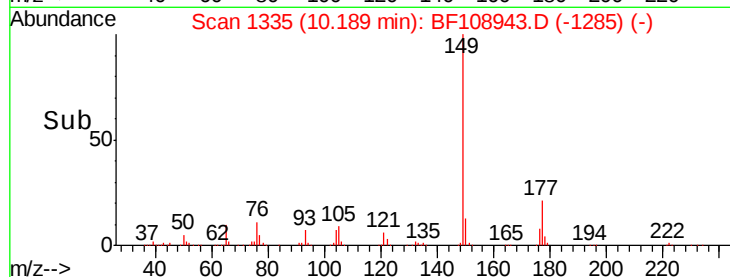
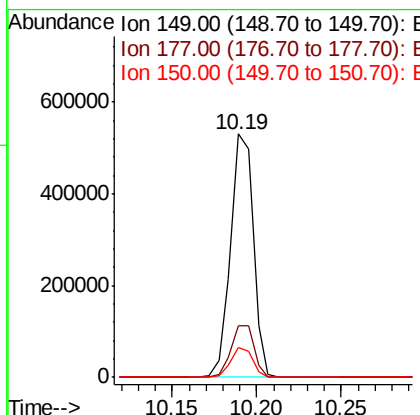
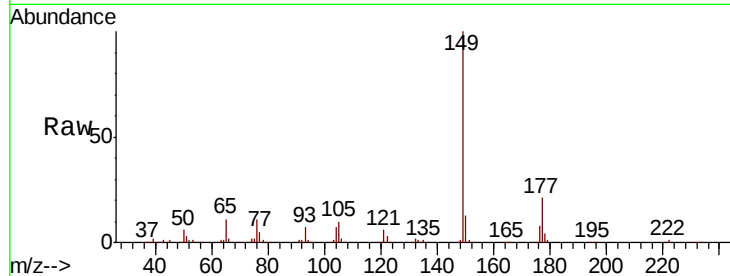




#59
Diethylphthalate
Concen: 23.931 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

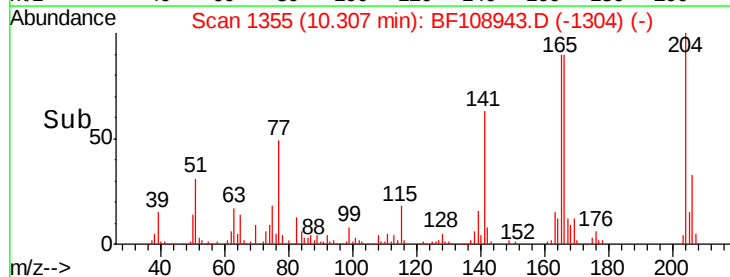
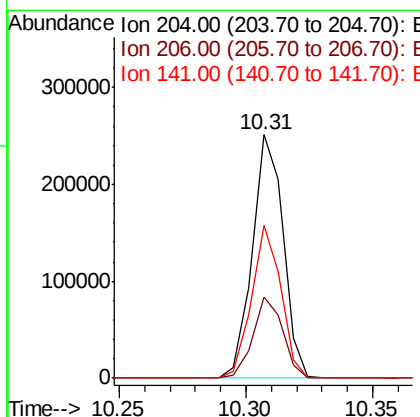
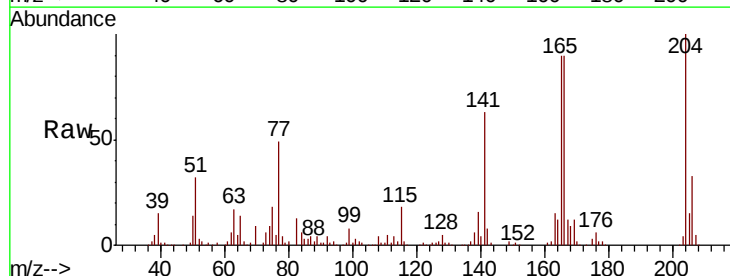
Instrument :
BNA_F
ClientSampleId :

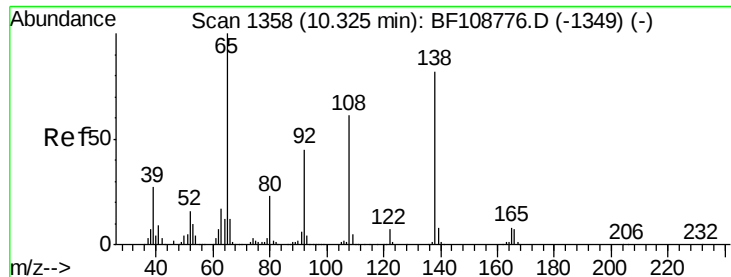
Tot Ion:149 Resp: 494563
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 25.962 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:204 Resp: 213278
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 63.0 54.6 81.8

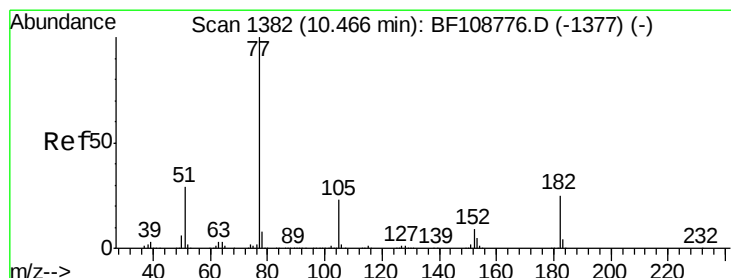
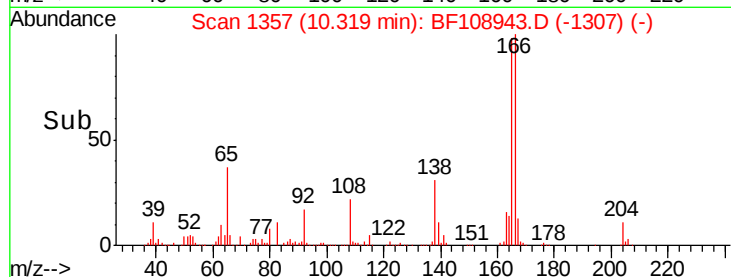
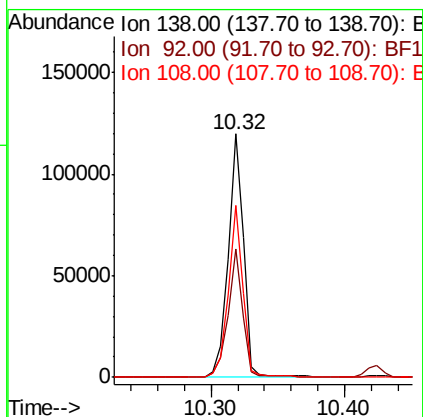
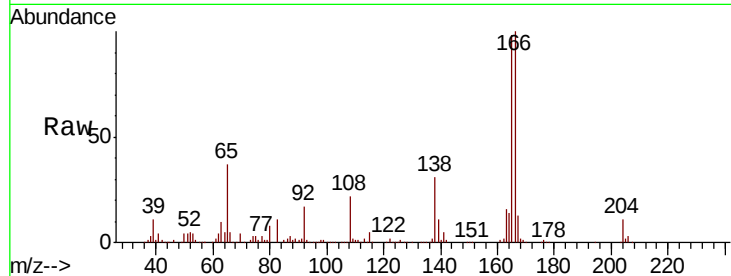




#61
4-Nitroaniline
Concen: 23.794 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

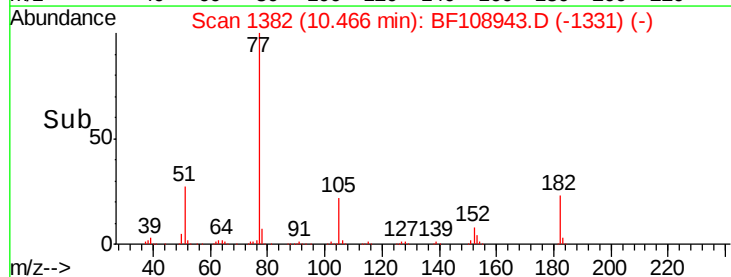
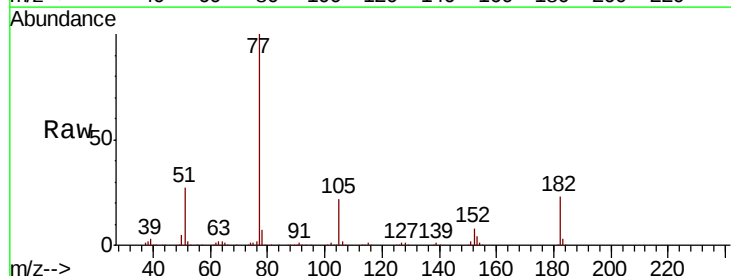
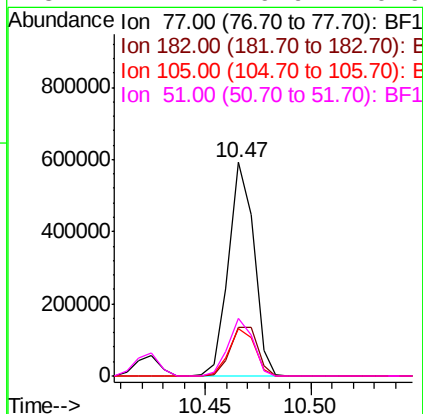
Instrument :
BNA_F
ClientSampleId :

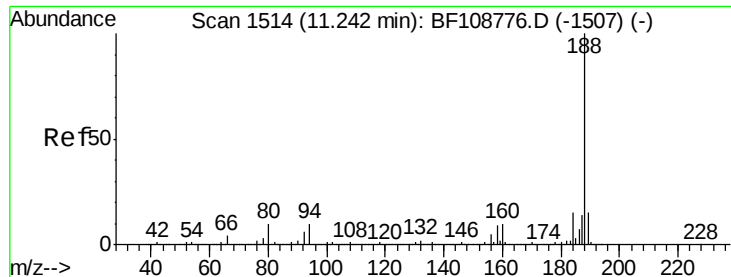
Tot Ion:138 Resp: 97914
Ion Ratio Lower Upper
138 100
92 52.8 30.2 70.2
108 70.4 52.5 92.5



#62
Azobenzene
Concen: 23.046 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion: 77 Resp: 491621
Ion Ratio Lower Upper
77 100
182 23.0 1.7 41.7
105 22.2 3.0 43.0
51 27.2 9.9 49.9

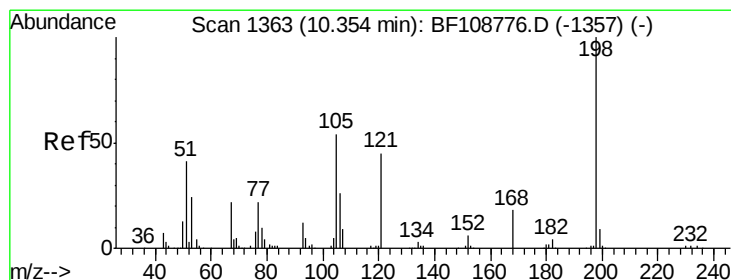
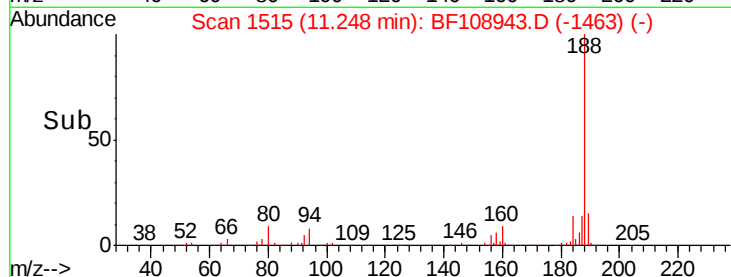
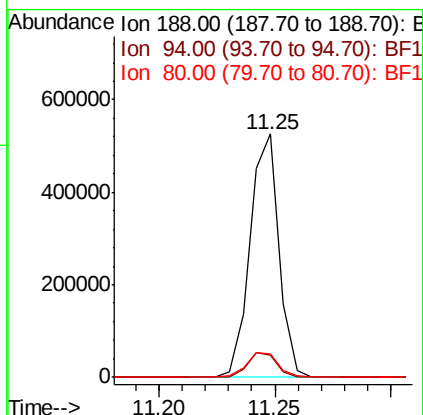
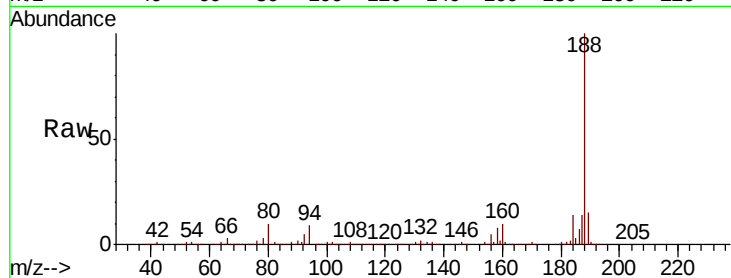




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

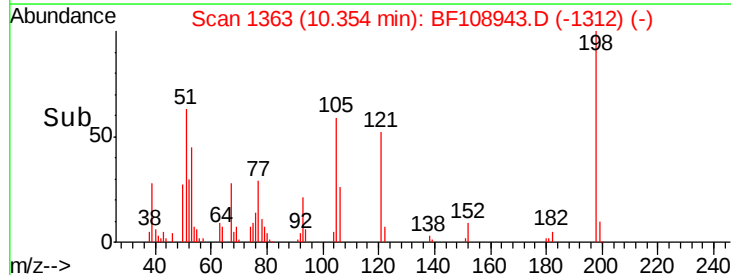
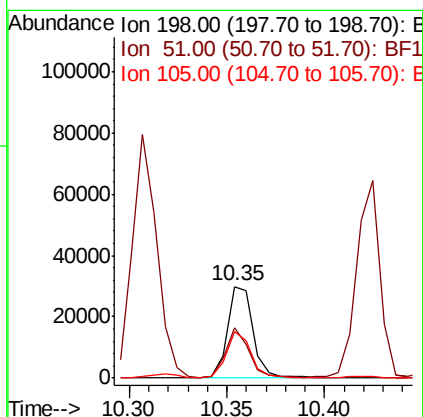
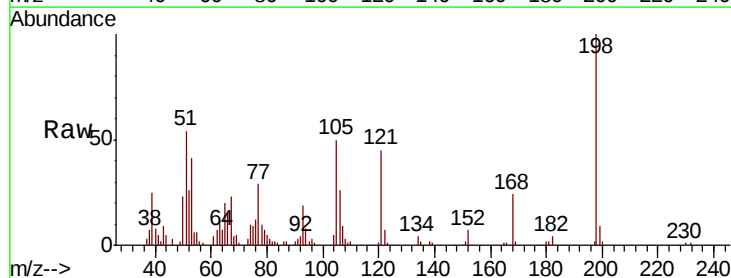
Instrument :
BNA_F
ClientSampleId :

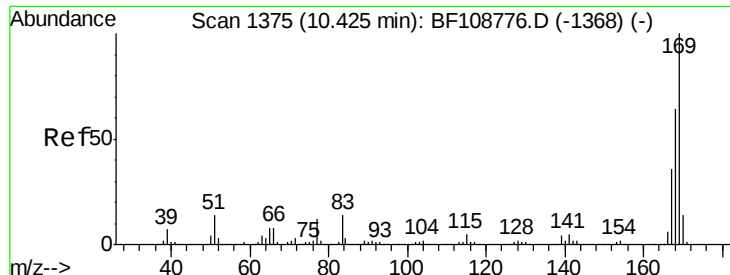
Tot Ion:188 Resp: 460143
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 19.703 ng
RT: 10.35 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:198 Resp: 27102
Ion Ratio Lower Upper
198 100
51 54.2 37.7 77.7
105 50.4 36.3 76.3

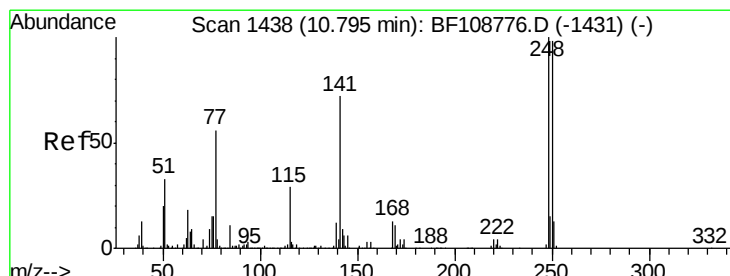
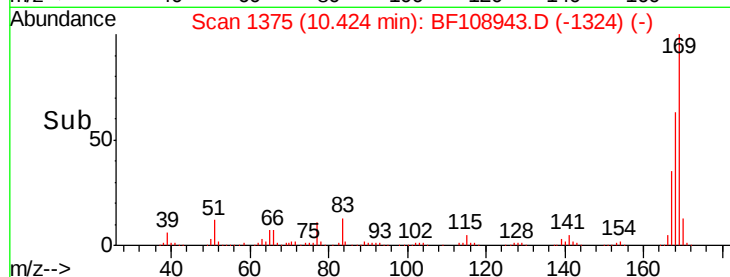
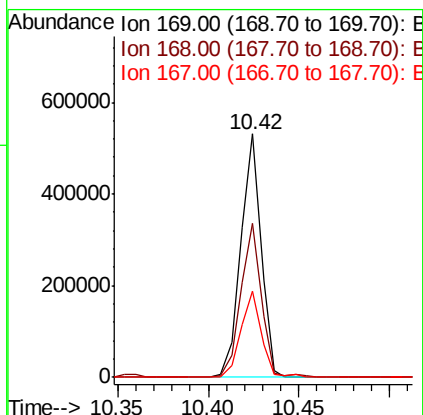
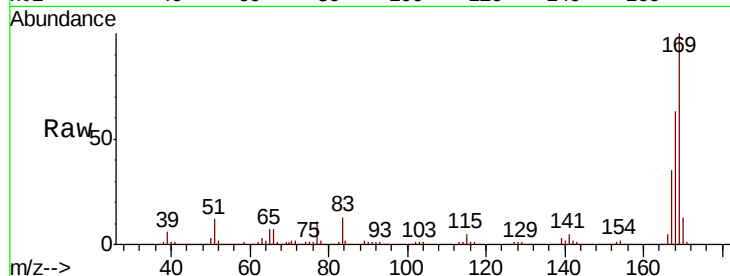




#65
 n-Nitrosodiphenylamine
 Concen: 27.071 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

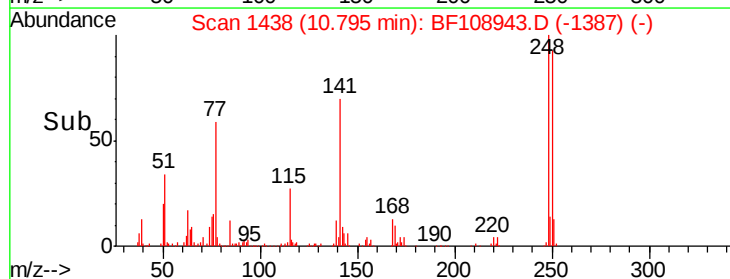
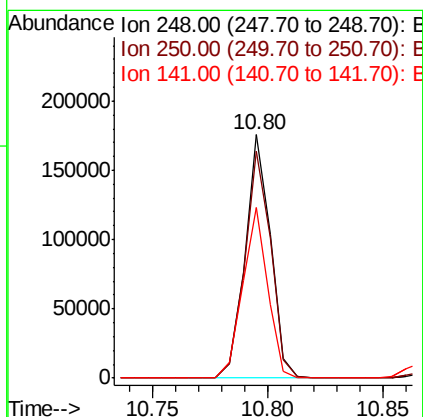
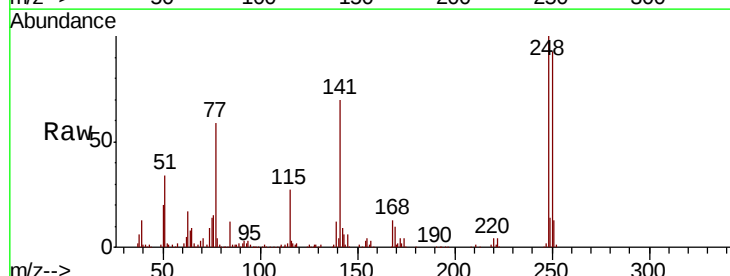
Instrument :
 BNA_F
 ClientSampleId :

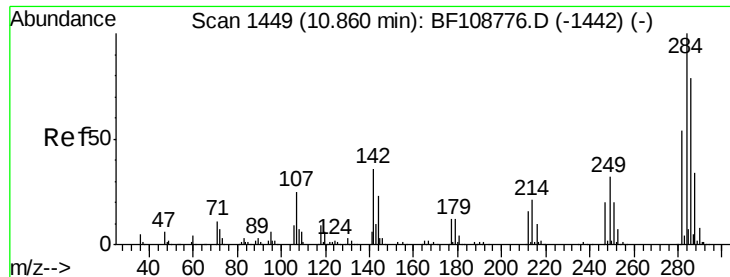
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.5	54.4	81.6
167	35.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 25.948 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.4	76.9	115.3
141	70.1	74.4	111.6#

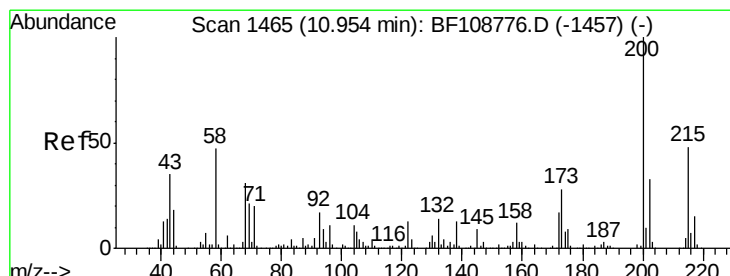
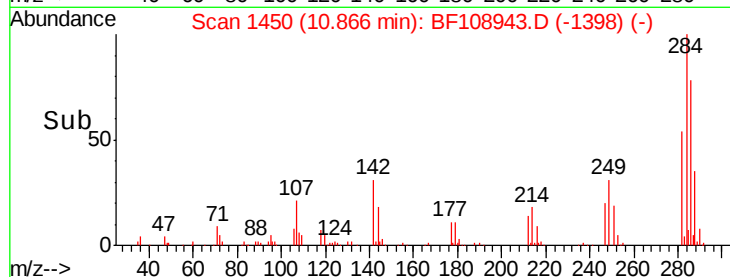
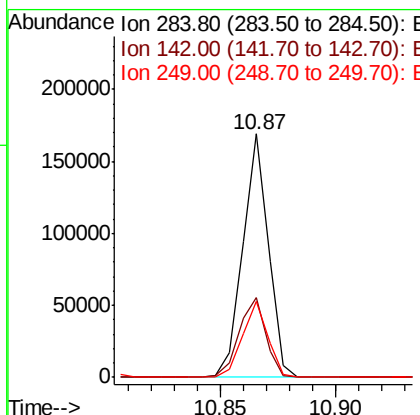
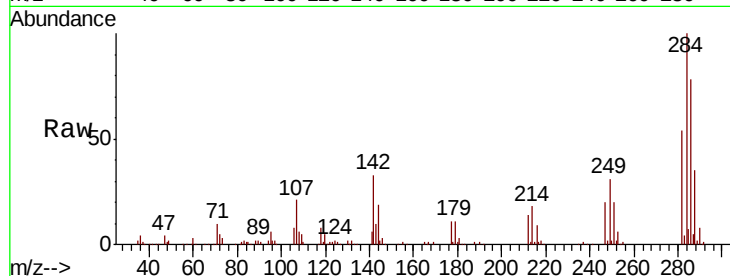




#67
Hexachlorobenzene
Concen: 23.718 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

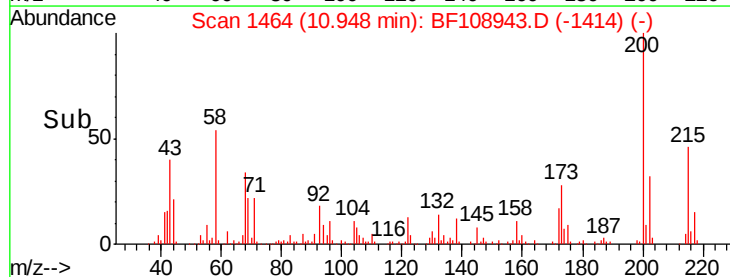
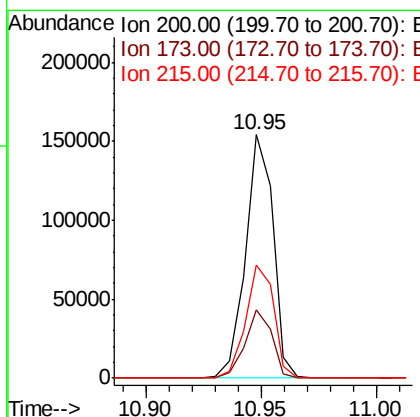
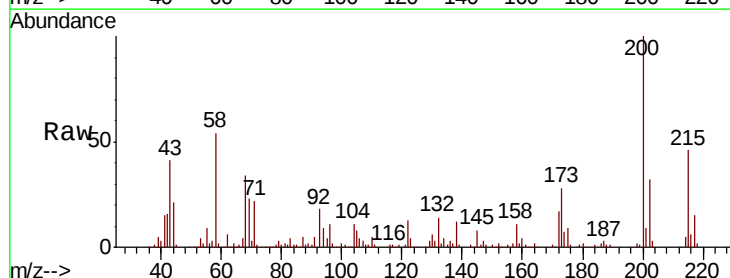
Instrument :
BNA_F
ClientSampleId :

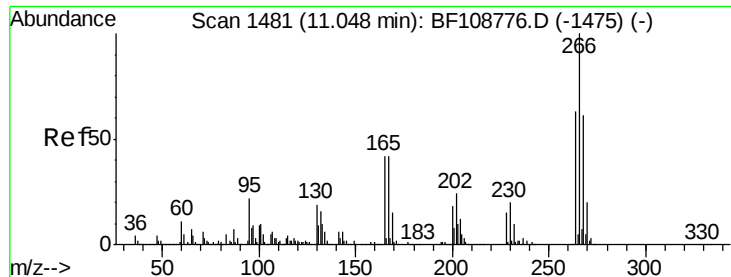
Tot Ion:284 Resp: 131584
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 31.2 24.8 37.2



#68
Atrazine
Concen: 26.385 ng
RT: 10.95 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:200 Resp: 129221
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 46.3 25.1 65.1

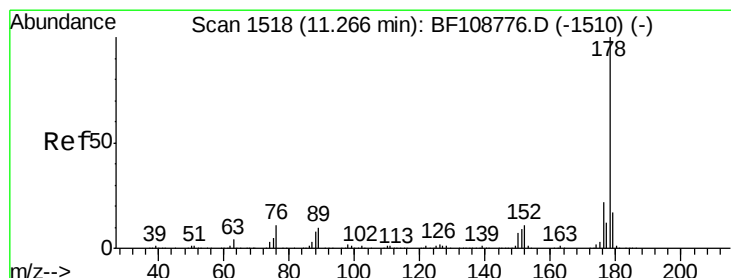
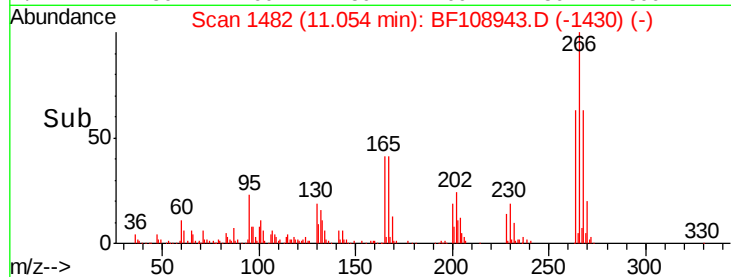
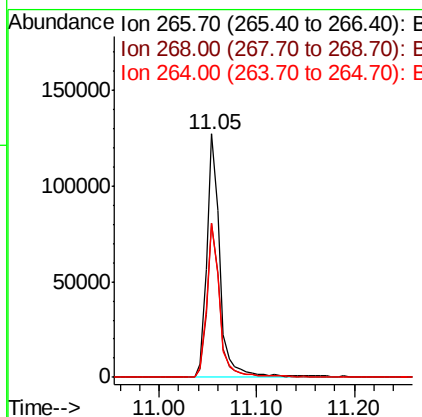
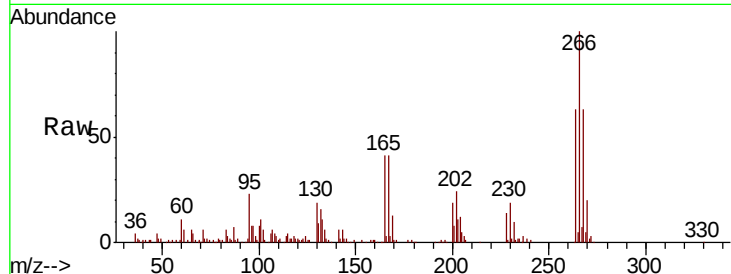




#69
 Pentachlorophenol
 Concen: 35.115 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

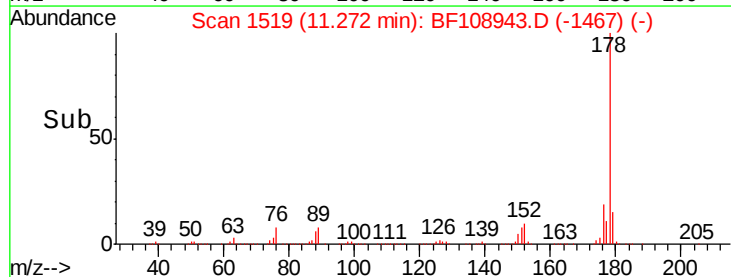
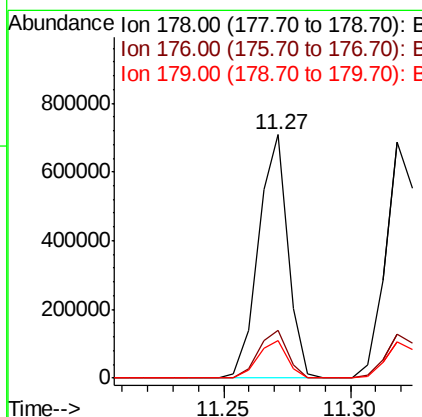
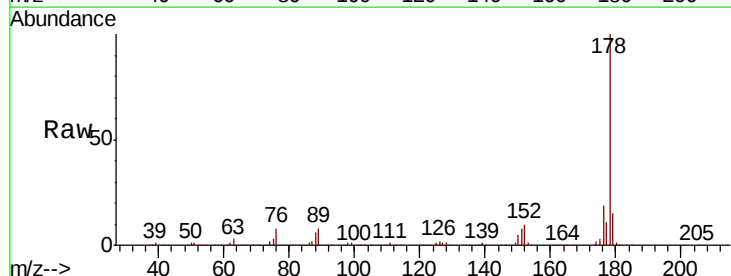
Instrument :
 BNA_F
 ClientSampleId :

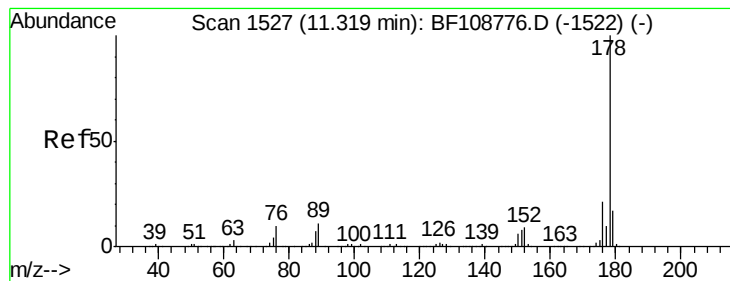
Tot Ion:266 Resp: 119105
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 26.051 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion:178 Resp: 572431
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 13.0 19.6





#71

Anthracene

Concen: 28.140 ng

RT: 11.32 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

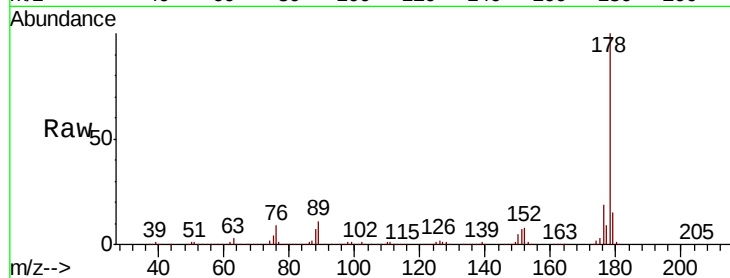
Tot Ion:178 Resp: 592033

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

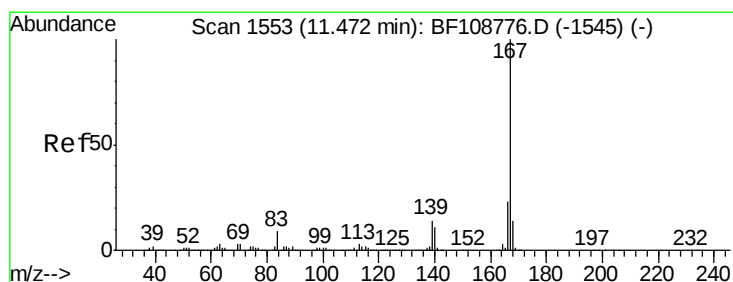
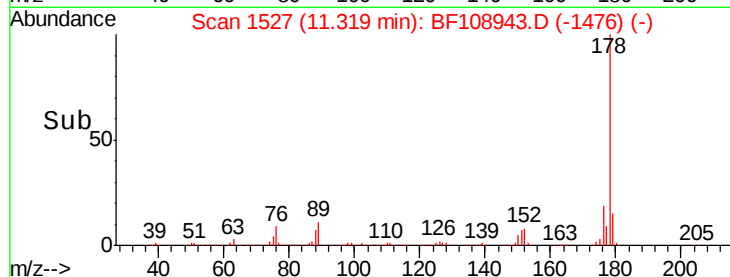
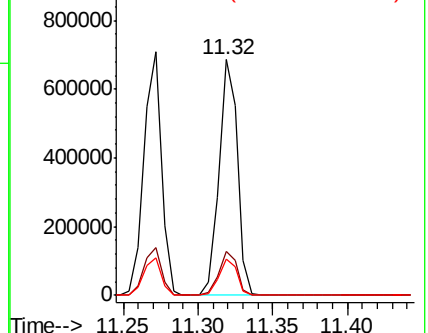
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 22.910 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

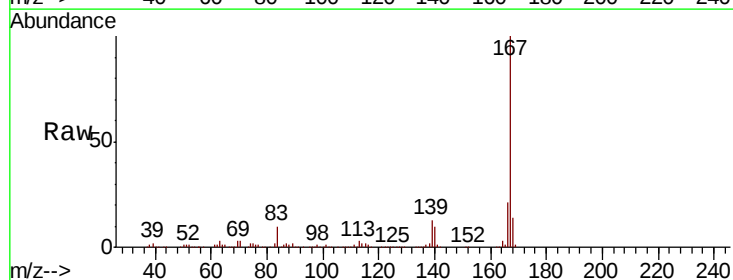
Tgt Ion:167 Resp: 507620

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

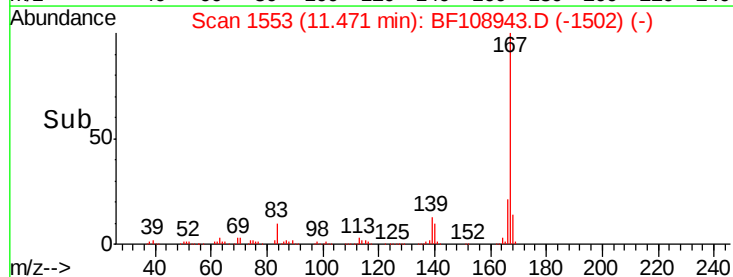
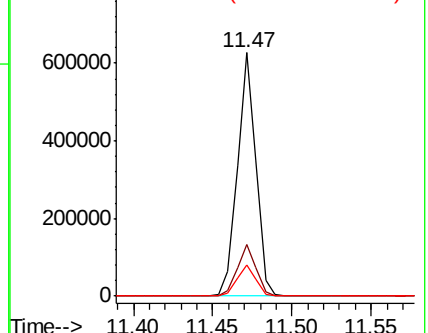
139 12.8 10.9 16.3

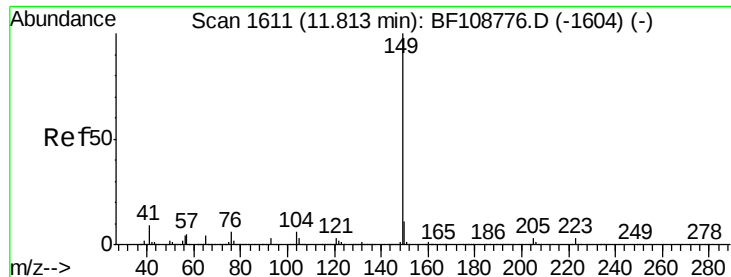


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.884 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

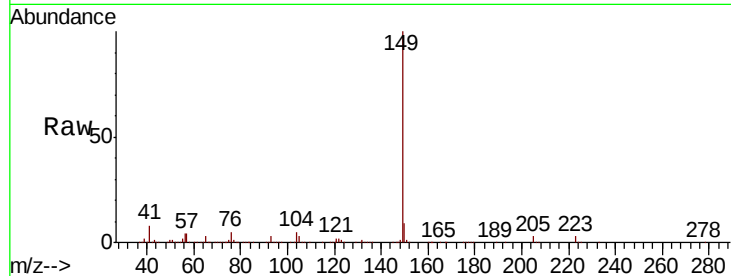
Tot Ion:149 Resp: 661473

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

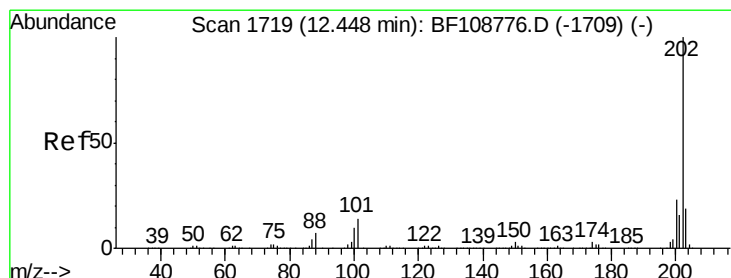
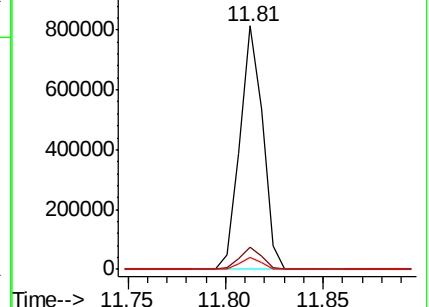
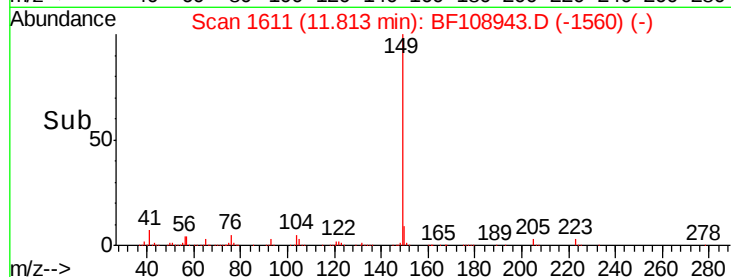
104 4.8 3.8 5.8



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: 24.207 ng

RT: 12.45 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

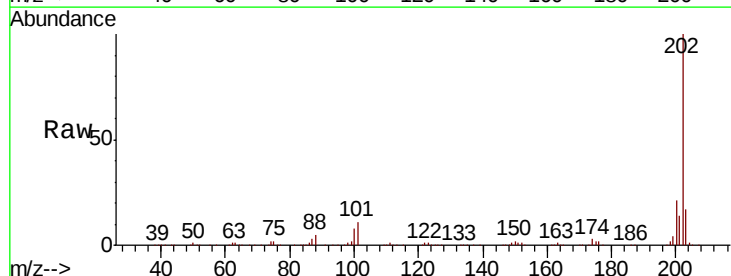
Tgt Ion:202 Resp: 526644

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

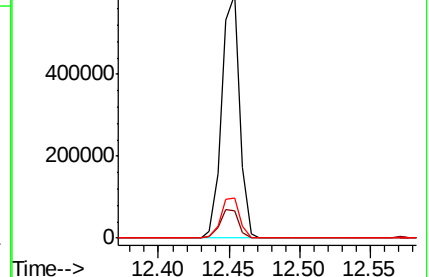
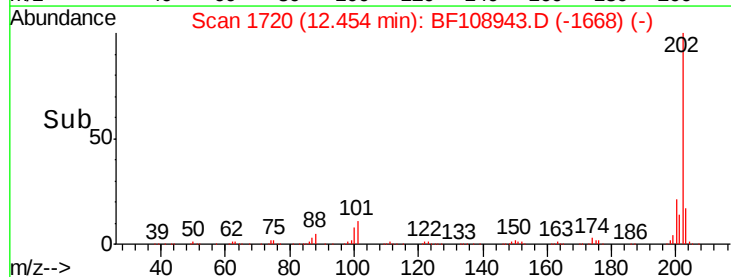
203 16.7 0.0 38.1

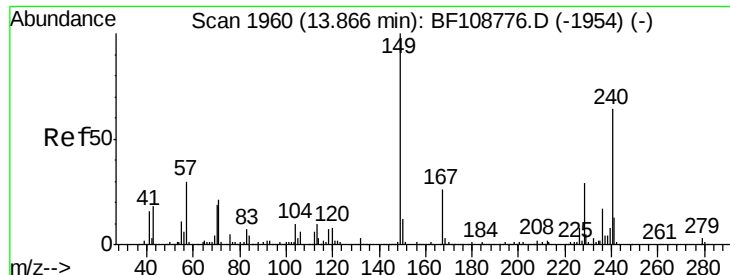


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1961

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampled :

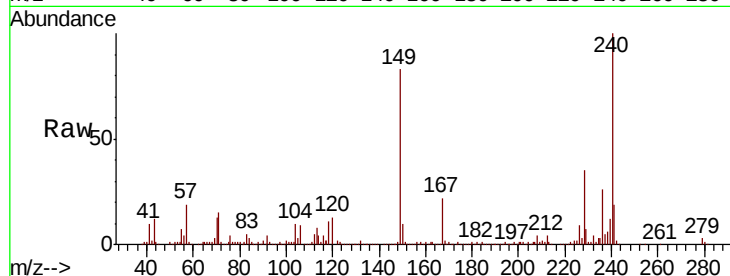
Tot Ion:240 Resp: 359143

Ion Ratio Lower Upper

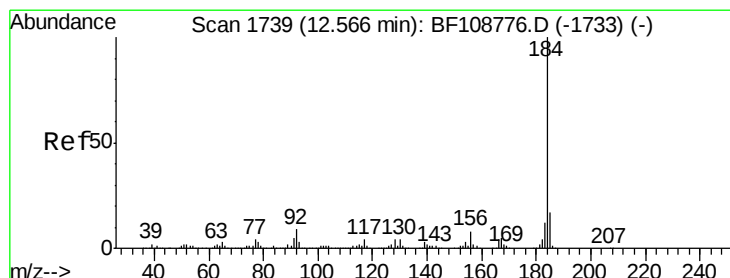
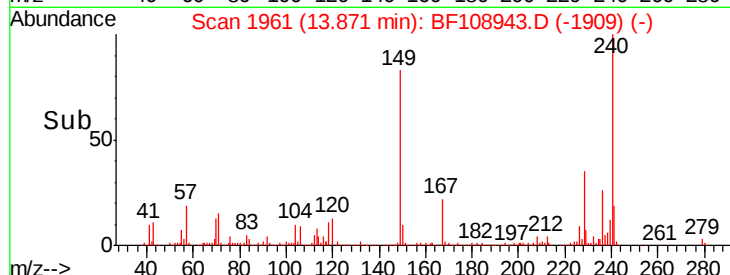
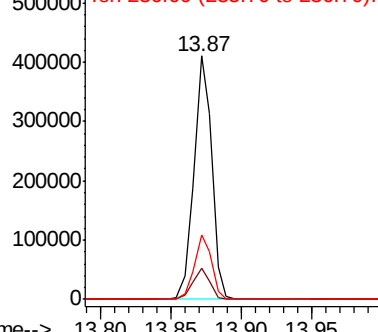
240 100

120 12.6 9.5 14.3

236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.338 ng

RT: 12.57 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

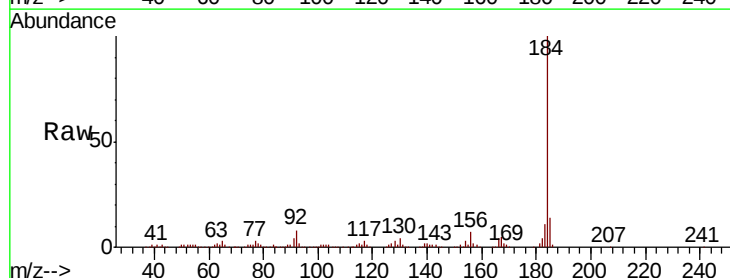
Tgt Ion:184 Resp: 329164

Ion Ratio Lower Upper

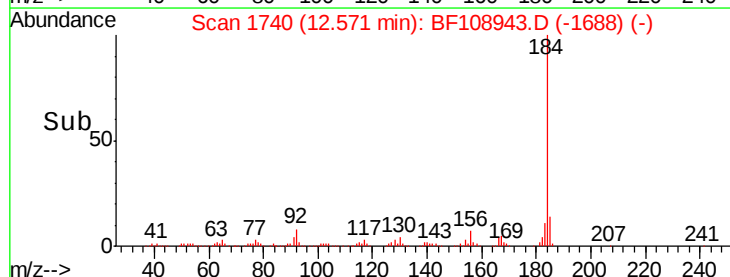
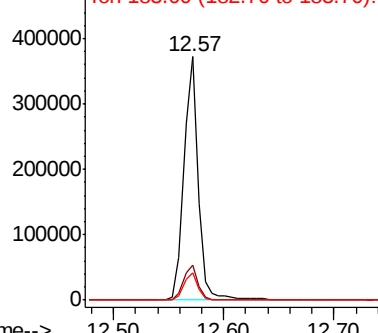
184 100

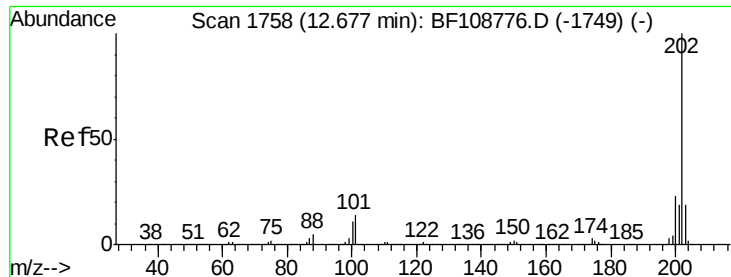
185 14.2 12.6 18.8

183 11.2 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

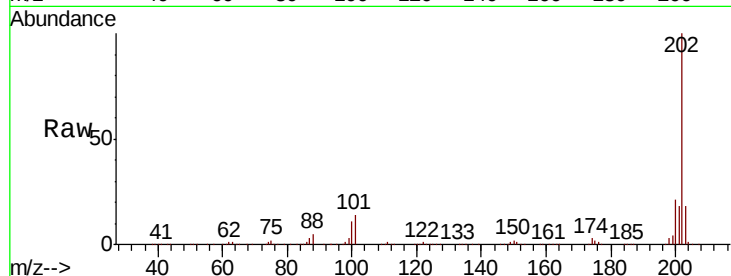




#77
Pvrene
Concen: 18.843 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

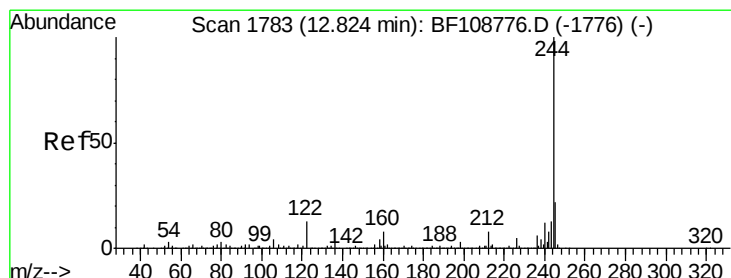
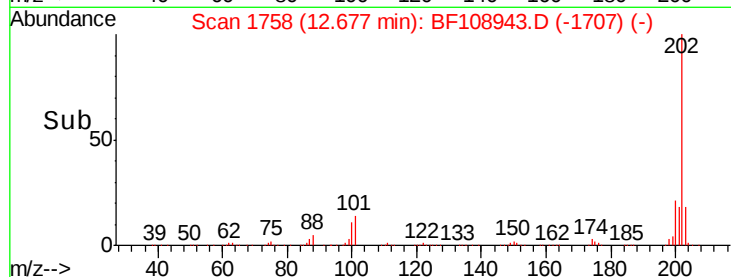
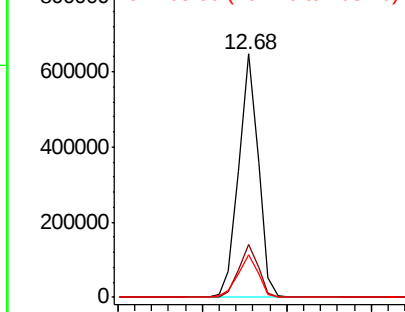


Abundance

Ion 202.00 (201.70 to 202.70): E

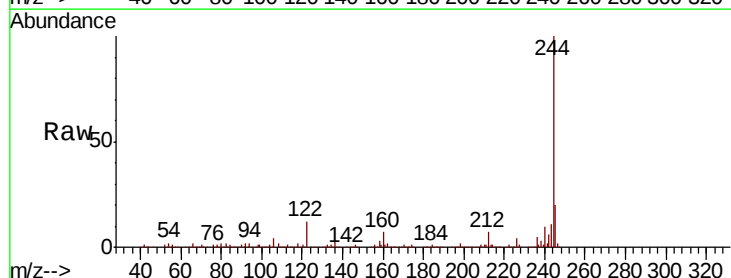
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 38.133 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4

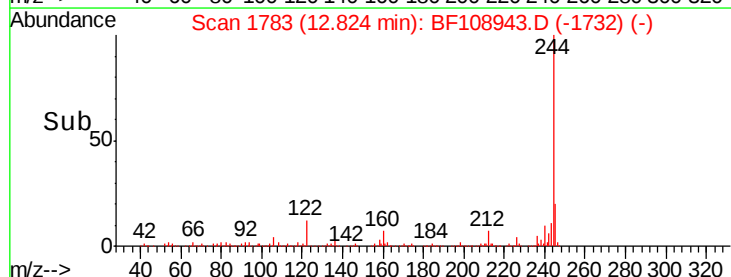
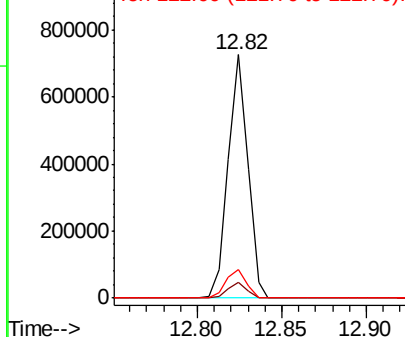


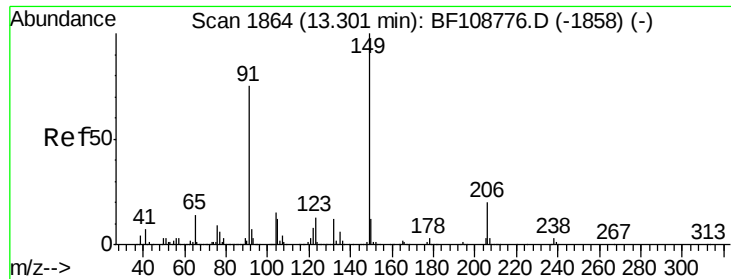
Abundance

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

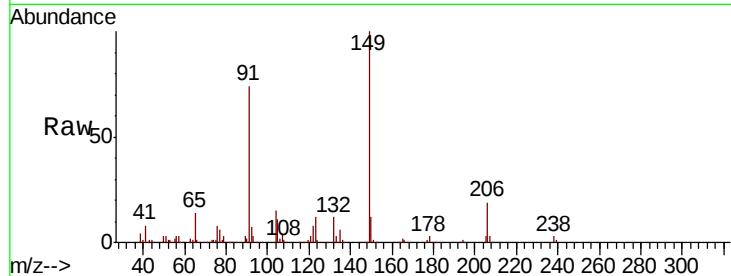




#79
Butylbenzylphthalate
Concen: 19.021 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.8	85.2
206	19.4	14.1	21.1

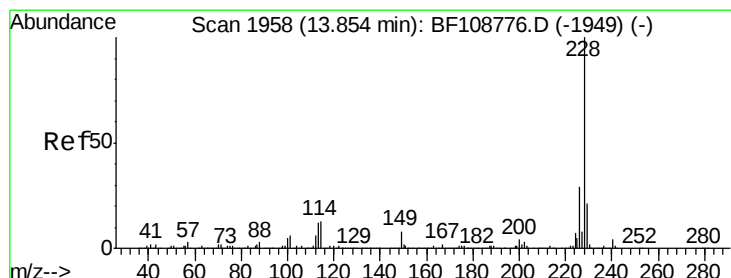
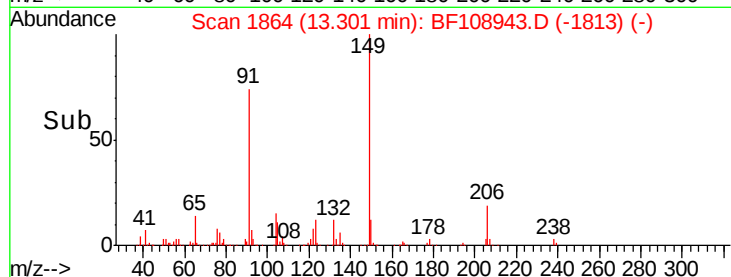
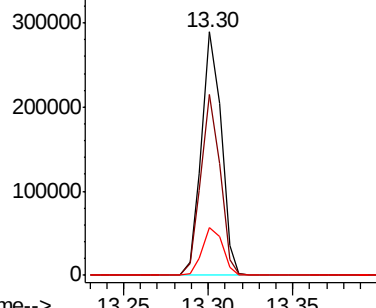


Abundance

Ion 149.00 (148.70 to 149.70): E

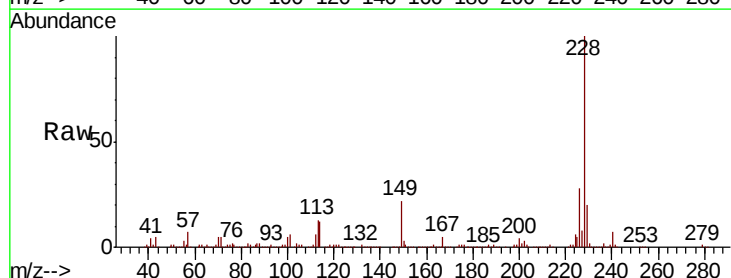
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 22.614 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6

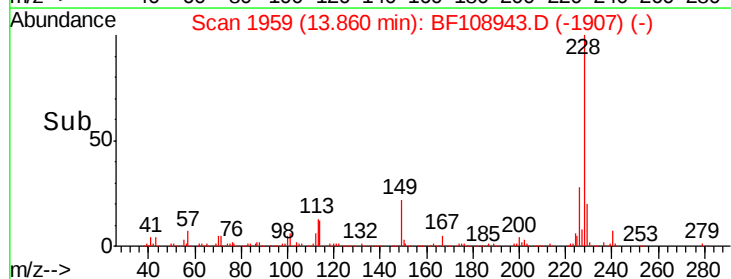
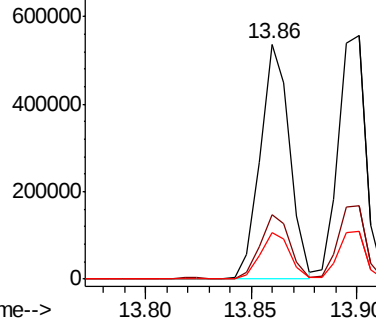


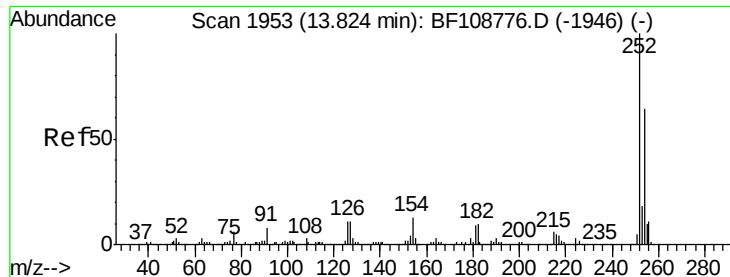
Abundance

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

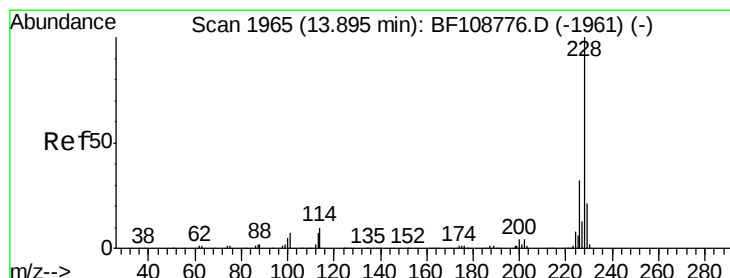
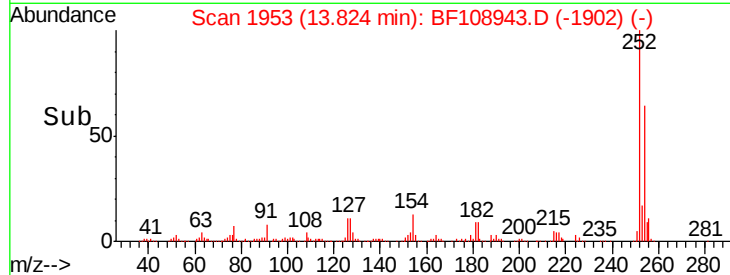
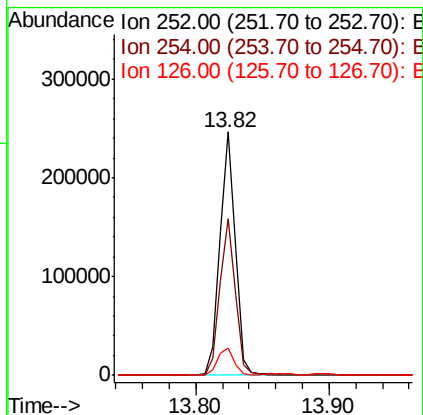
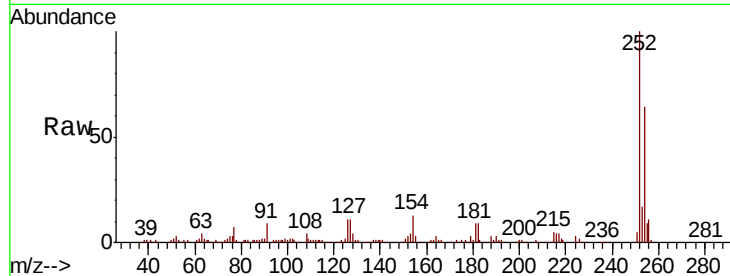




#81
 3,3'-Dichlorobenzidine
 Concen: 22.721 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

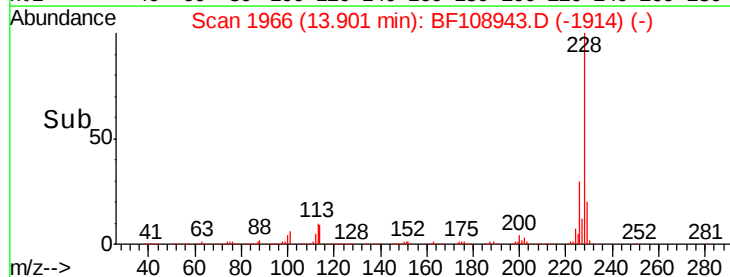
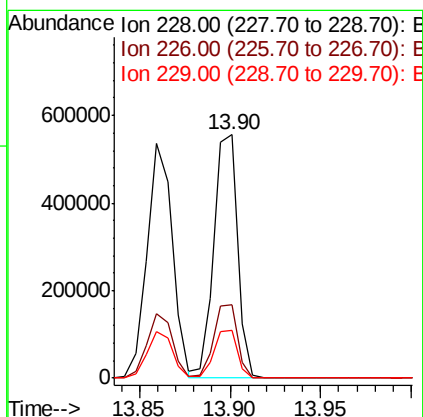
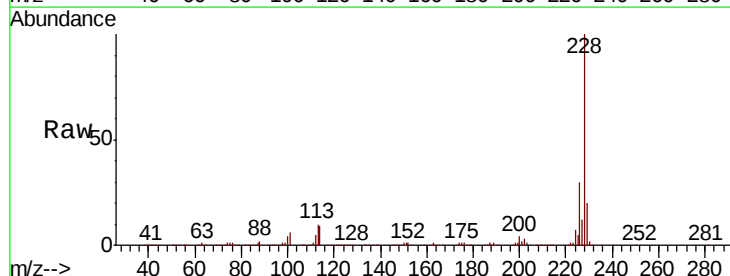
Instrument :
 BNA_F
 ClientSampleId :

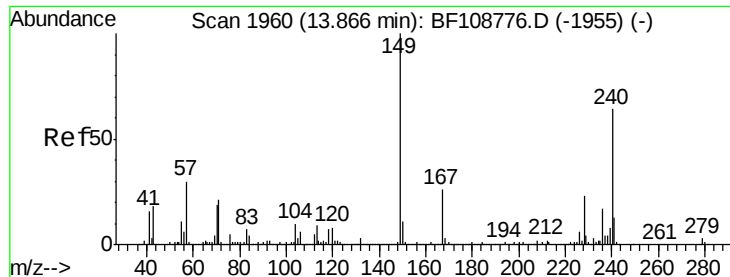
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.2	11.3	16.9#



#82
 Chrysene
 Concen: 22.718 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.6	16.2	24.4

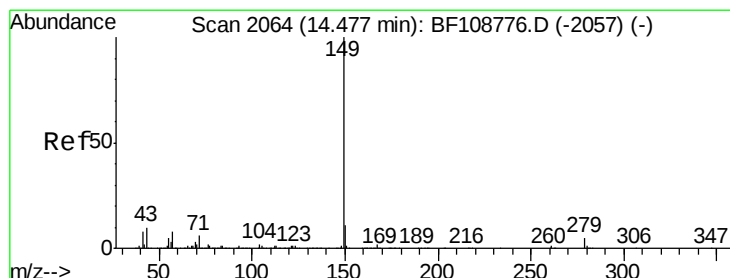
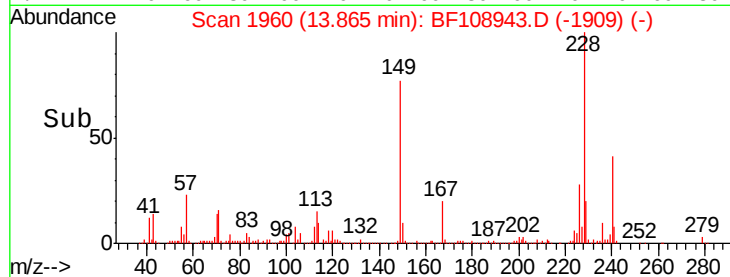
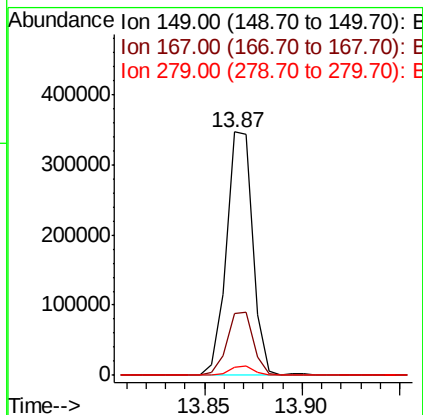
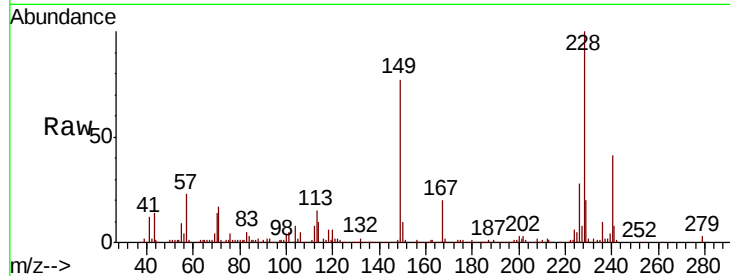




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.757 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

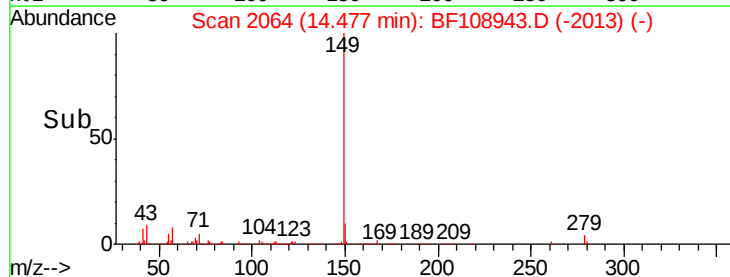
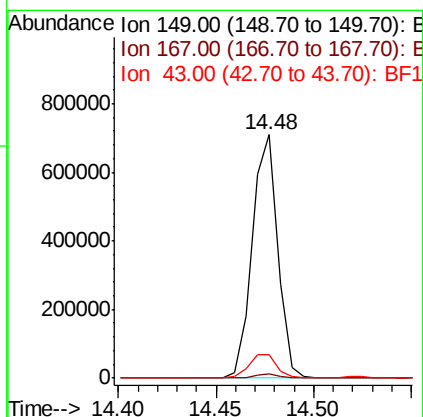
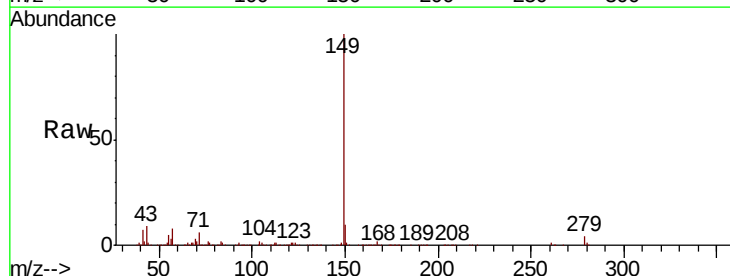
Instrument :
 BNA_F
 ClientSampleId :

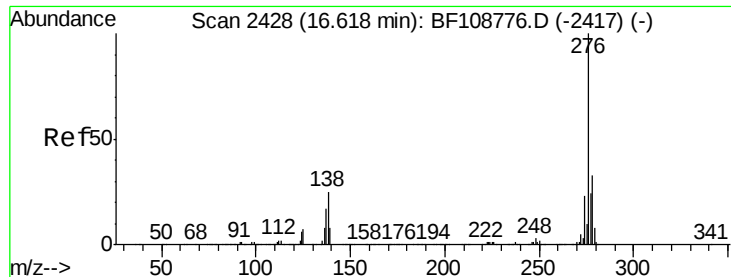
Tot Ion	149	Resp	324637
Ion Ratio	100	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 24.519 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	149	Resp	639314
Ion Ratio	100	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.515 ng

RT: 16.64 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

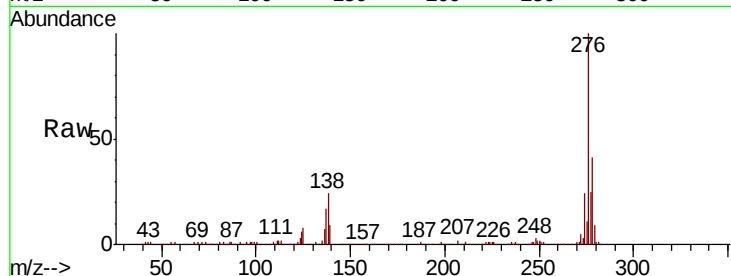
Tot Ion:276 Resp: 582093

Ion Ratio Lower Upper

276 100

138 26.0 25.0 37.6

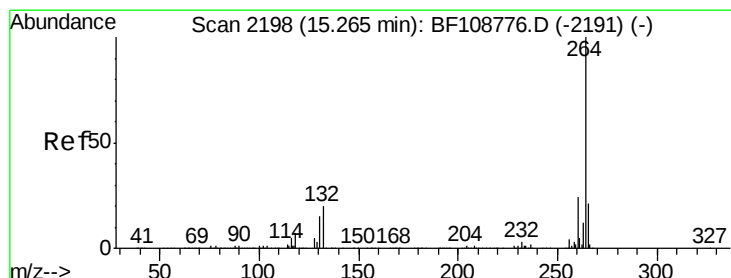
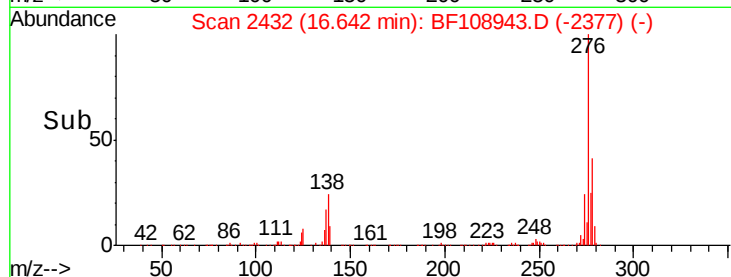
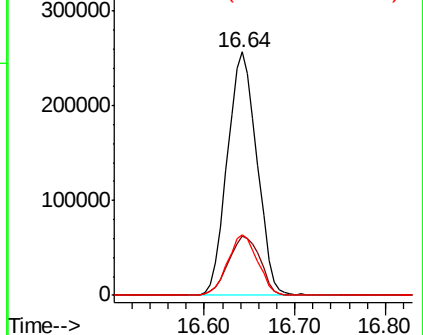
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

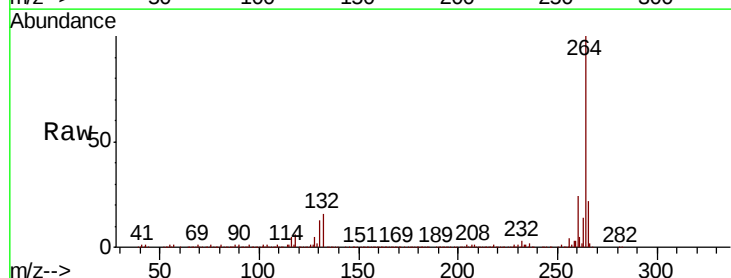
Tgt Ion:264 Resp: 460615

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

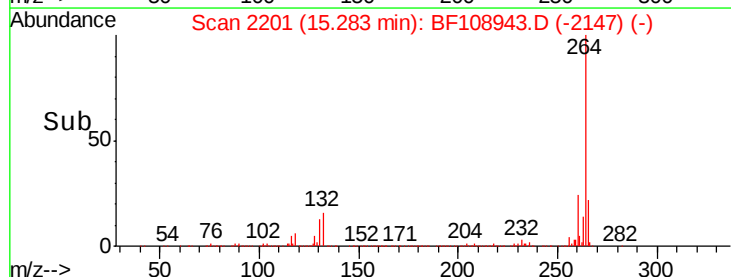
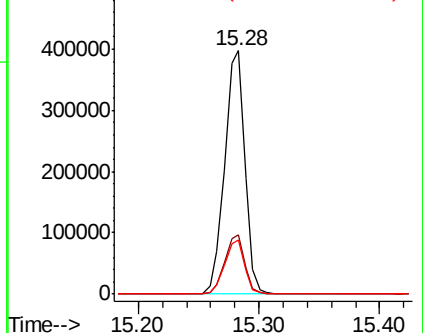
265 22.3 17.5 26.3

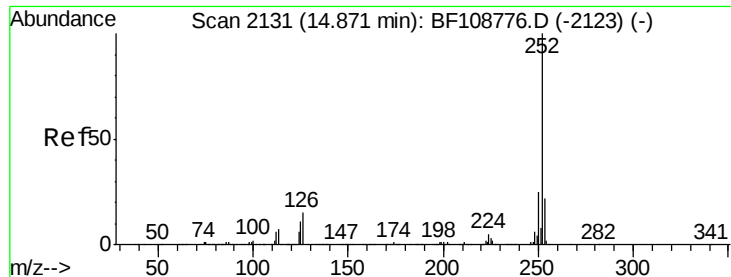


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

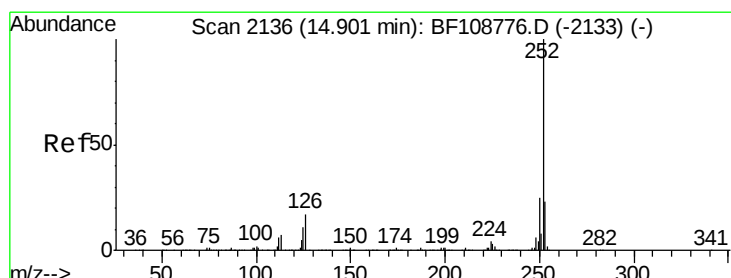
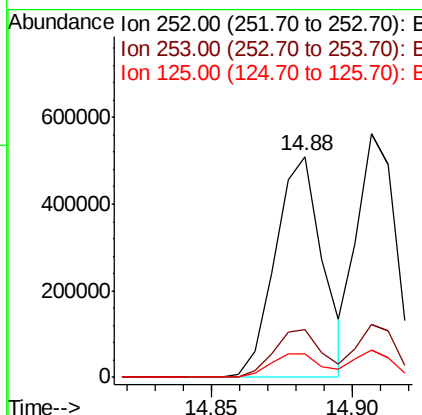
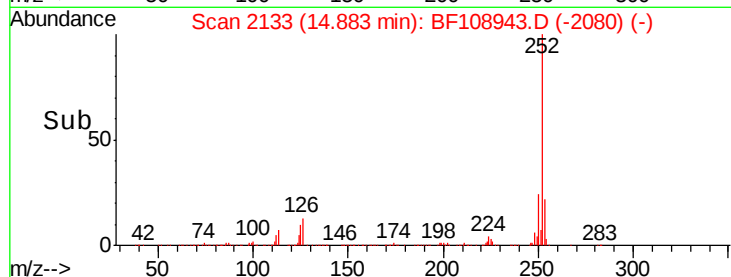
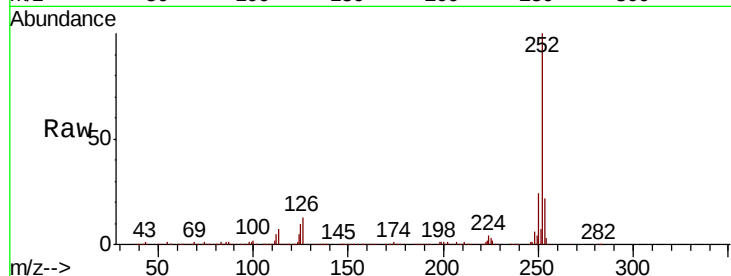




#87
Benzo(b)fluoranthene
Concen: 23.724 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

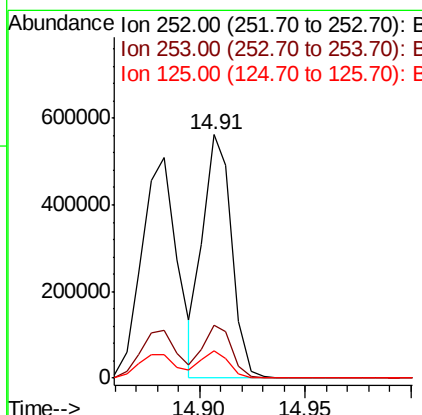
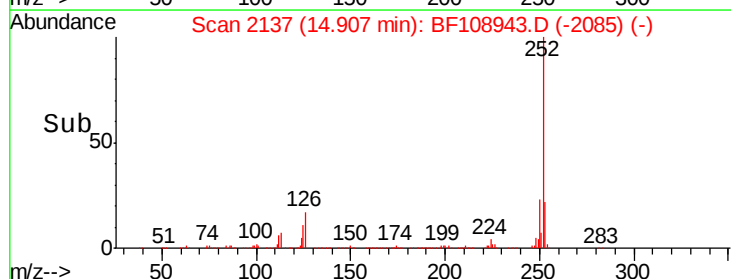
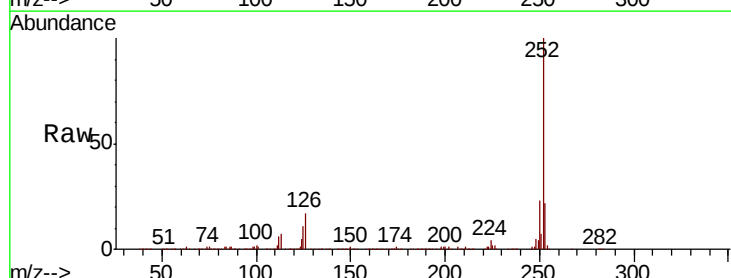
Instrument :
BNA_F
ClientSampleId :

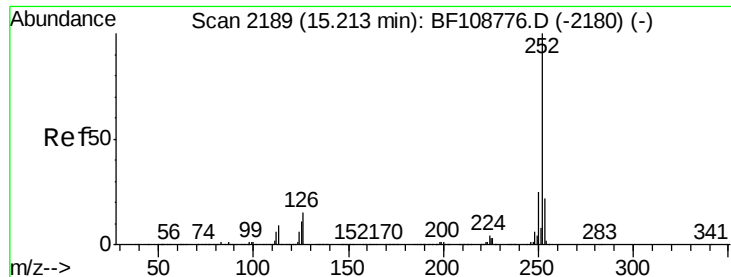
Tot Ion:252 Resp: 594193
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 10.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 23.140 ng
RT: 14.91 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:252 Resp: 533720
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 24.721 ng

RT: 15.22 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

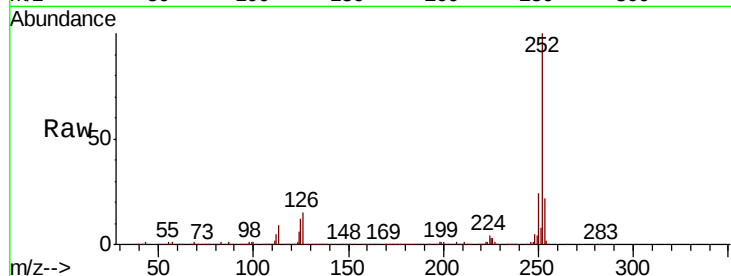
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 558670

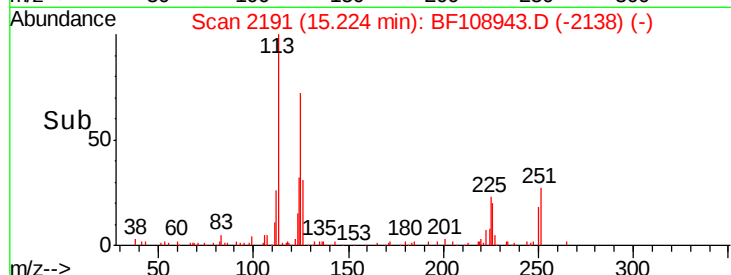
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	11.6	9.8	14.6



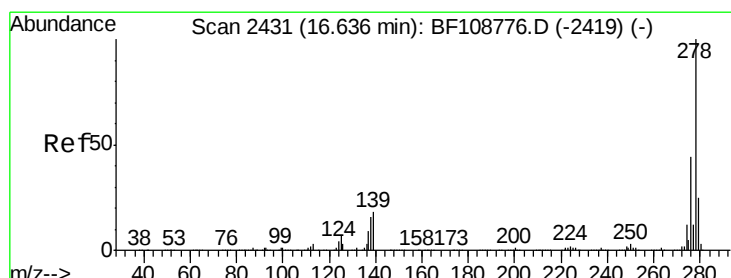
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 15.15 15.20 15.25



#90

Dibenzo(a,h)anthracene

Concen: 24.922 ng

RT: 16.66 min Scan# 2435

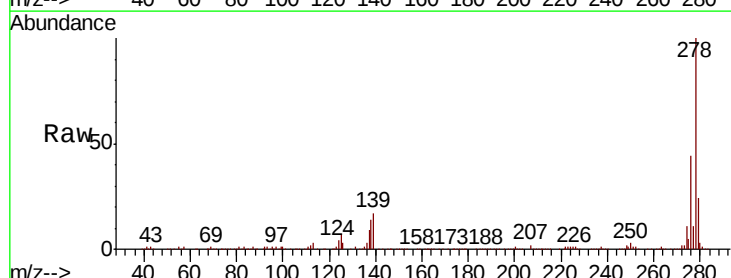
Delta R.T. 0.02 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:278 Resp: 496296

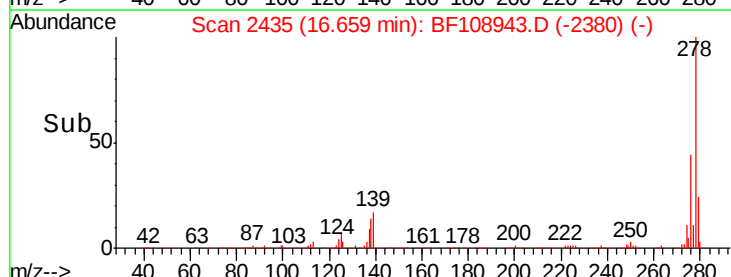
Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.9	23.9
279	24.0	19.0	28.4



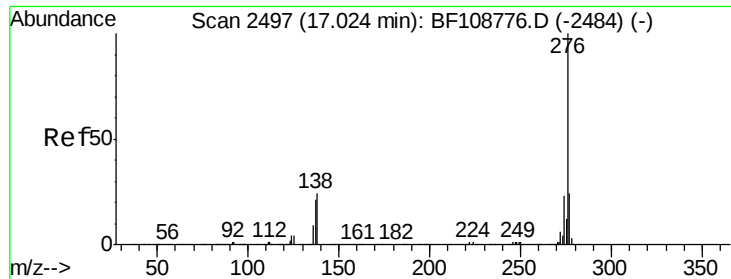
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 16.50 16.60 16.70 16.80



#91
 Benzo(a,h,i)perylene
 Concen: 22.658 ng
 RT: 17.05 min Scan# 2501
 Delta R.T. 0.02 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	22.4	21.8	32.8

