

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108931.D
 Acq On : 11 Sep 2018 13:23
 Operator : JU/SJ
 Sample : PB112743BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 13:55:44 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	172664	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	657979	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	317697	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	624245	20.00	ng	0.00
75) Chrysene-d12	13.88	240	442622	20.00	ng	0.02
86) Perylene-d12	15.28	264	406385	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1243475	119.31	ng	0.02
7) Phenol-d6	6.38	99	1614429	120.39	ng	0.02
23) Nitrobenzene-d5	7.30	82	1041642	99.07	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	430670	142.00	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1774780	95.30	ng	0.00
78) Terphenyl-d14	12.83	244	1842049	97.05	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	202296	40.388	ng	93
3) Pyridine	3.21	79	573478	41.807	ng	92
4) n-Nitrosodimethylamine	3.15	42	257825	48.936	ng	# 90
6) Aniline	6.40	93	708718	39.294	ng	# 91
8) 2-Chlorophenol	6.53	128	535991	46.461	ng	96
9) Benzaldehyde	6.28	77	285650	30.026	ng	99
10) Phenol	6.40	94	650680	42.364	ng	74
11) bis(2-Chloroethyl)ether	6.48	93	535320	43.507	ng	98
12) 1,3-Dichlorobenzene	6.68	146	588769	44.723	ng	100
13) 1,4-Dichlorobenzene	6.76	146	589904	44.808	ng	97
14) 1,2-Dichlorobenzene	6.91	146	547042	45.081	ng	99
15) Benzyl Alcohol	6.88	79	481765	46.813	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	798926	43.438	ng	96
17) 2-Methylphenol	7.00	107	457527	46.929	ng	98
18) Hexachloroethane	7.25	117	221785	46.721	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	386114	41.422	ng	98
20) 3+4-Methylphenols	7.15	107	517919	45.350	ng	# 69
22) Acetophenone	7.15	105	712328	47.702	ng	# 91
24) Nitrobenzene	7.32	77	590667	52.359	ng	98
25) Isophorone	7.57	82	1098323	52.371	ng	98
26) 2-Nitrophenol	7.64	139	278753	62.719	ng	97
27) 2,4-Dimethylphenol	7.68	122	493805	54.713	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	686397	48.953	ng	100
29) 2,4-Dichlorophenol	7.88	162	468595	50.352	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	473957	46.993	ng	98
31) Naphthalene	8.04	128	1536234	51.895	ng	99
32) Benzoic acid	7.81	122	281779	47.655	ng	99
33) 4-Chloroaniline	8.09	127	510422	37.543	ng	99
34) Hexachlorobutadiene	8.17	225	281747	46.762	ng	99
35) Caprolactam	8.51	113	61917	19.634	ng	93
36) 4-Chloro-3-methylphenol	8.58	107	483373	48.757	ng	99
37) 2-Methylnaphthalene	8.74	142	1031768	52.758	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	429733	45.250	ng	99
40) Hexachlorocyclopentadiene	8.90	237	588060	123.085	ng	99

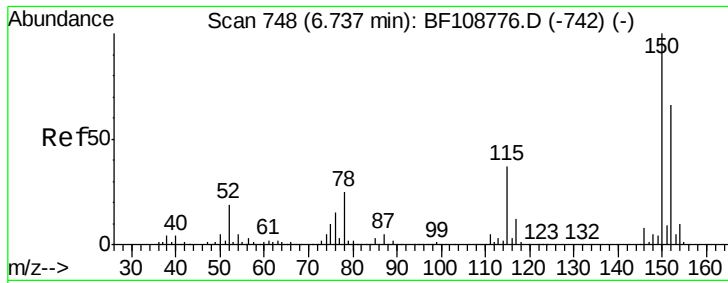
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
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 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	331754	51.287	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	353033	52.651	ng	94
45) 1,1'-Biphenyl	9.20	154	1181520	48.307	ng	99
46) 2-Chloronaphthalene	9.22	162	946834	47.867	ng	97
47) 2-Nitroaniline	9.31	65	308071	57.010	ng	96
48) Acenaphthylene	9.64	152	1527916	51.821	ng	99
49) Dimethylphthalate	9.50	163	1098457	49.434	ng	98
50) 2,6-Dinitrotoluene	9.56	165	252720	59.686	ng	92
51) Acenaphthene	9.81	154	909675	49.857	ng	99
52) 3-Nitroaniline	9.72	138	228941	45.423	ng	95
53) 2,4-Dinitrophenol	9.83	184	188485	116.395	ng #	20
54) Dibenzofuran	9.98	168	1298639	48.828	ng	96
55) 4-Nitrophenol	9.89	139	441191	117.090	ng	94
56) 2,4-Dinitrotoluene	9.96	165	337070	62.249	ng #	96
57) Fluorene	10.32	166	957750	56.114	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	296216	54.781	ng	88
59) Diethylphthalate	10.20	149	1105999	48.231	ng	97
60) 4-Chlorophenyl-phenylether	10.31	204	458527	50.303	ng	95
61) 4-Nitroaniline	10.34	138	276437	60.542	ng	98
62) Azobenzene	10.47	77	1142729	48.277	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	133294	53.397	ng	77
65) n-Nitrosodiphenylamine	10.43	169	956567	46.089	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	324678	46.050	ng #	87
67) Hexachlorobenzene	10.87	284	343258	45.607	ng #	90
68) Atrazine	10.96	200	326119	49.083	ng	97
69) Pentachlorophenol	11.06	266	382941	83.221	ng	97
70) Phenanthrene	11.28	178	1489968	49.981	ng	99
71) Anthracene	11.33	178	1528872	53.566	ng	99
72) Carbazole	11.48	167	1406641	46.797	ng	99
73) Di-n-butylphthalate	11.82	149	1689277	50.608	ng	99
74) Fluoranthene	12.46	202	1584397	53.681	ng	97
76) Benzidine	12.58	184	940922	44.852	ng	98
77) Pyrene	12.68	202	1627283	47.778	ng	99
79) Butylbenzylphthalate	13.31	149	745203	48.586	ng	94
80) Benzo(a)anthracene	13.87	228	1313319	46.291	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	397363	35.950	ng	97
82) Chrysene	13.91	228	1333410	48.550	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	864099	44.830	ng	100
84) Di-n-octyl phthalate	14.48	149	1566728	48.755	ng	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1028233	42.303	ng	95
87) Benzo(b)fluoranthene	14.89	252	1220867	55.249	ng	97
88) Benzo(k)fluoranthene	14.92	252	1078567	53.002	ng	97
89) Benzo(a)pyrene	15.23	252	1069579	53.643	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	843070	47.986	ng	96
91) Benzo(g,h,i)perylene	17.07	276	879780	50.013	ng #	93

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

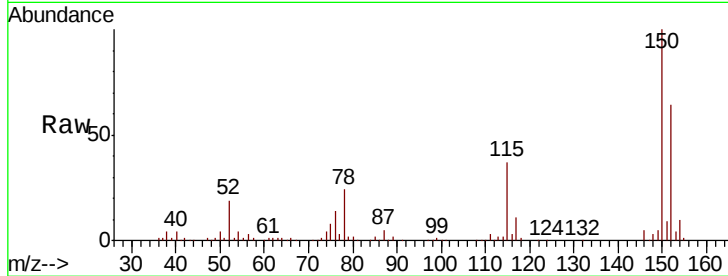


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	57.3	50.1	75.1

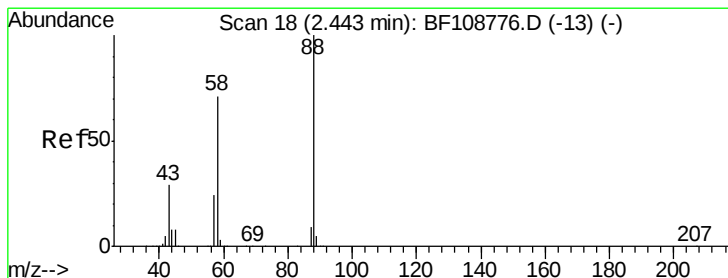
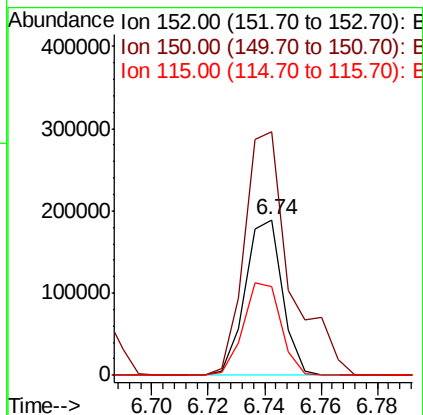
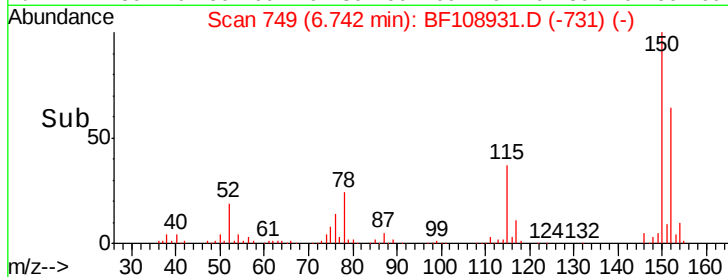


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

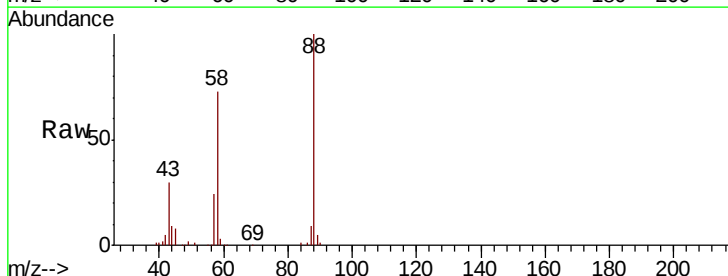
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.388 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	62.6	93.8
43	28.6	24.6	37.0

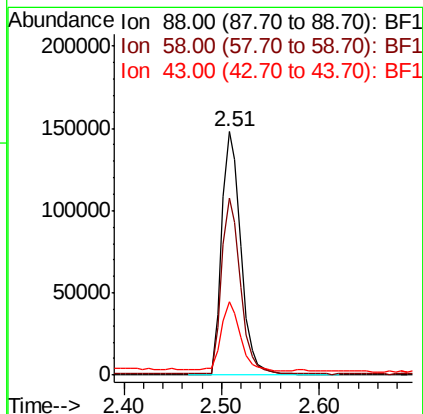
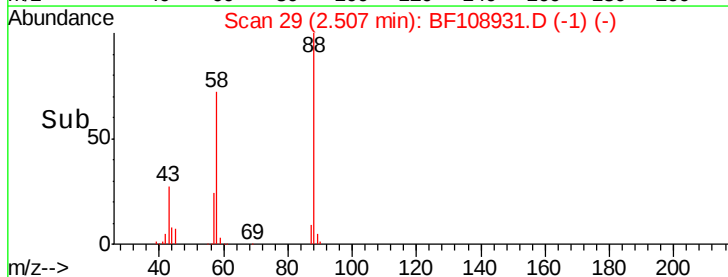


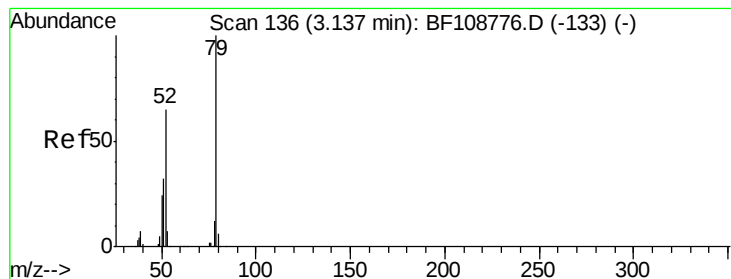
Abundance

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: 41.807 ng

RT: 3.21 min Scan# 149

Delta R.T. 0.08 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

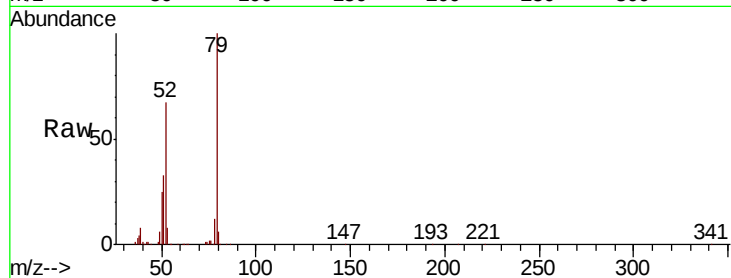
Tot Ion: 79 Resp: 573478

Ion Ratio Lower Upper

79 100

52 67.0 59.8 89.6

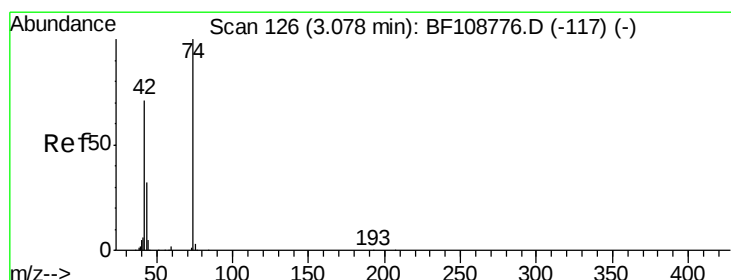
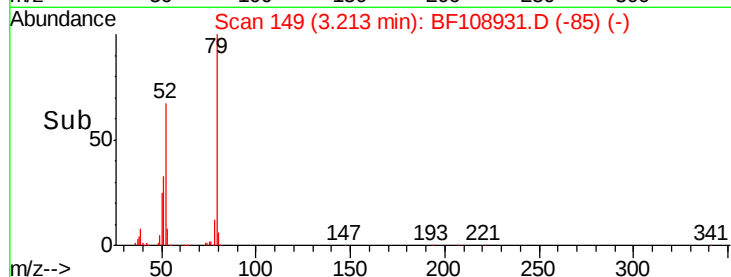
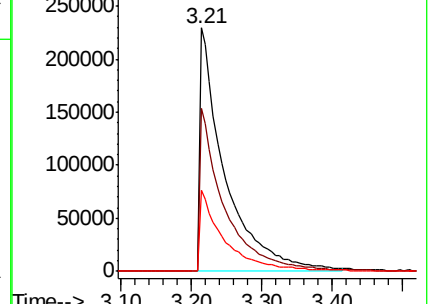
51 33.2 29.8 44.8



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: 48.936 ng

RT: 3.15 min Scan# 139

Delta R.T. 0.08 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

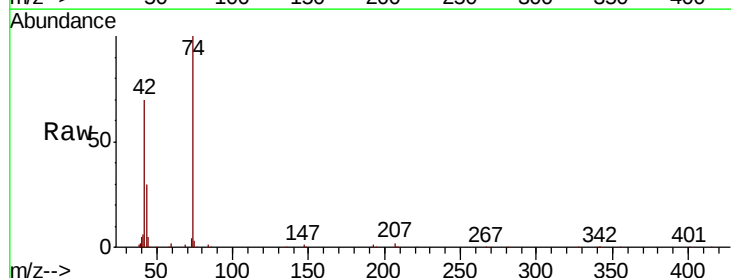
Tgt Ion: 42 Resp: 257825

Ion Ratio Lower Upper

42 100

74 143.3 104.9 157.3

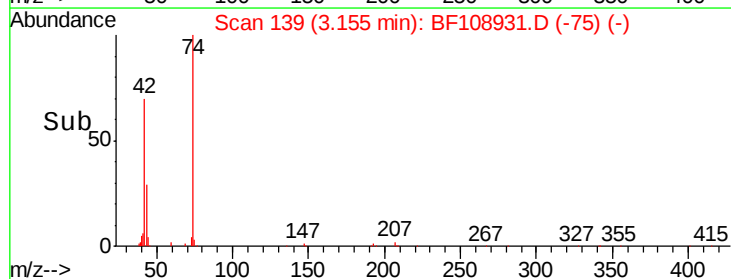
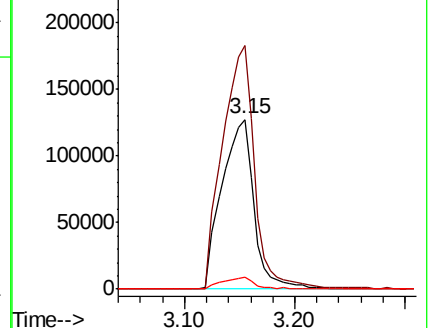
44 6.7 6.9 10.3#

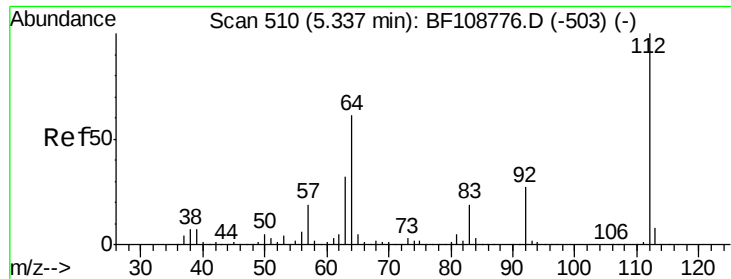


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 119.308 ng

RT: 5.36 min Scan# 514

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampled :

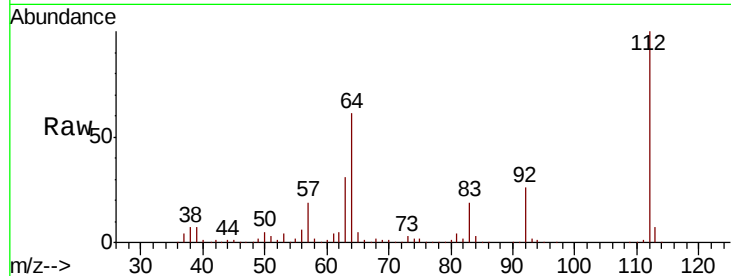
Tot Ion:112 Resp: 1243475

Ion Ratio Lower Upper

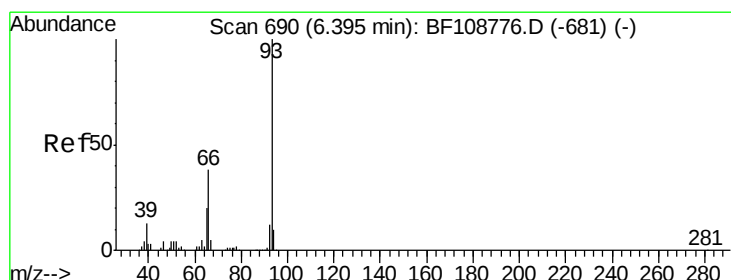
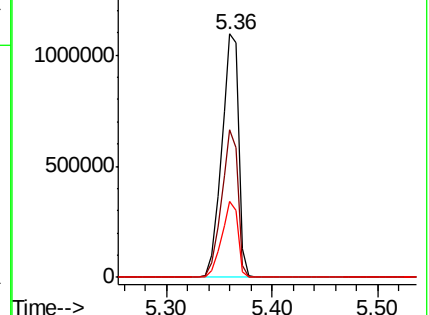
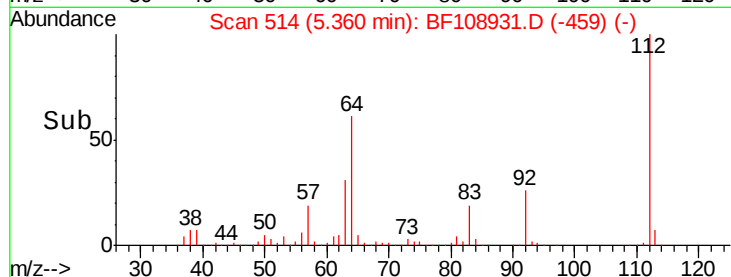
112 100

64 60.7 47.9 71.9

63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.294 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

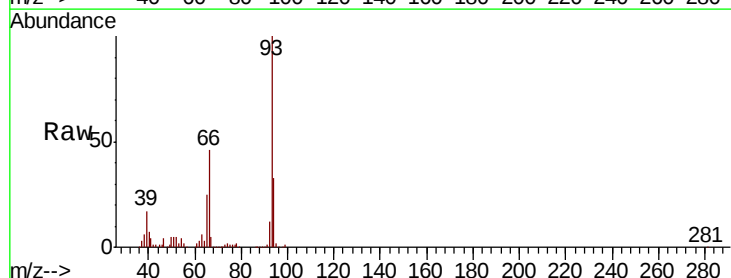
Tgt Ion: 93 Resp: 708718

Ion Ratio Lower Upper

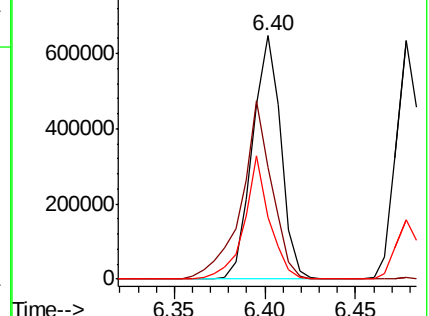
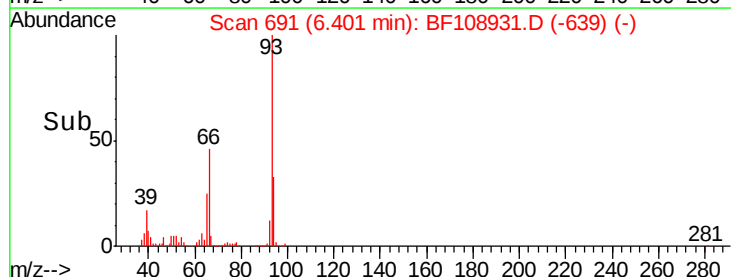
93 100

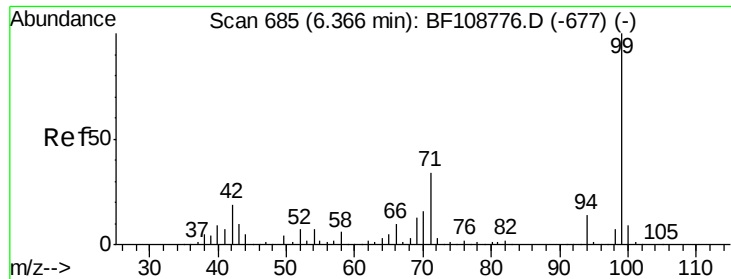
66 45.8 32.2 48.2

65 25.3 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: 120.390 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

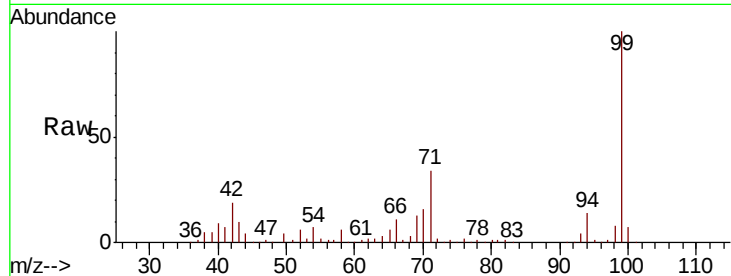
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1614429

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.8	25.4	38.0

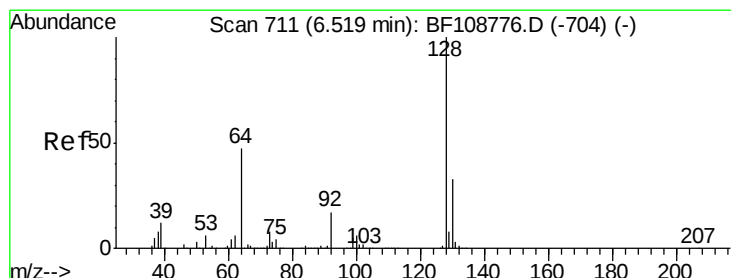
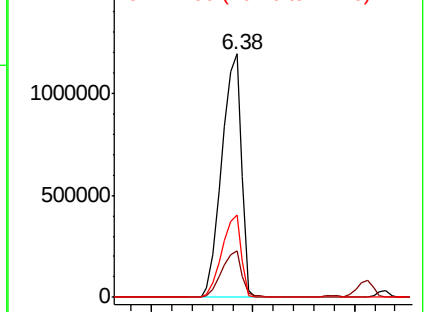
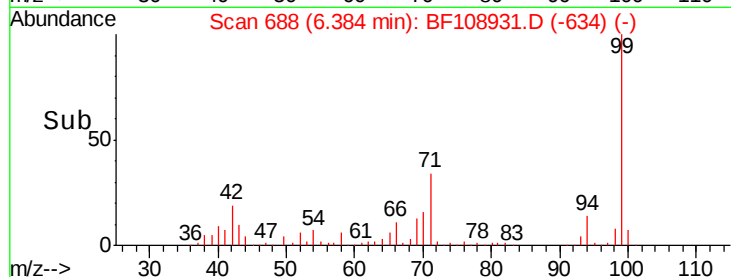


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.461 ng

RT: 6.53 min Scan# 713

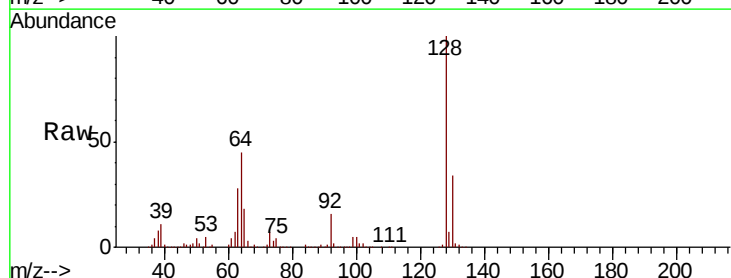
Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion: 128 Resp: 535991

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.0	53.0
64	44.8	29.4	69.4

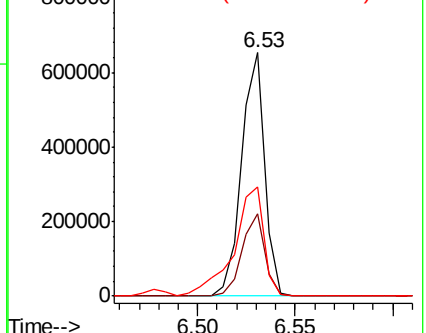
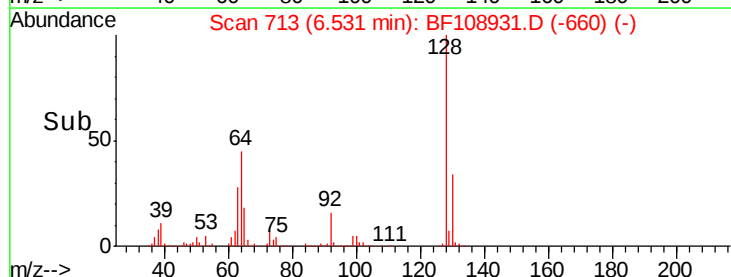


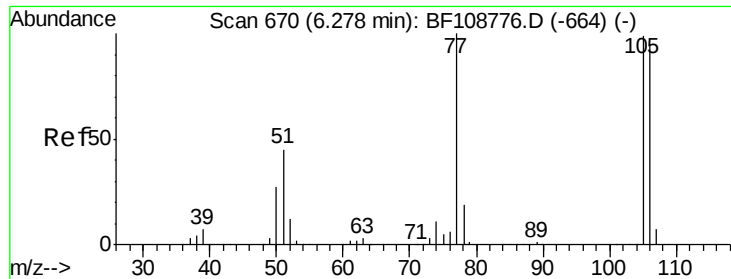
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.026 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

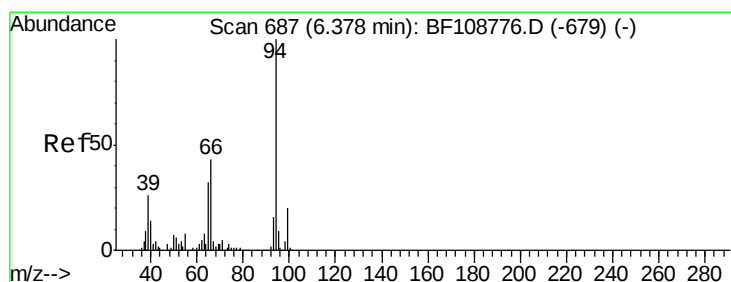
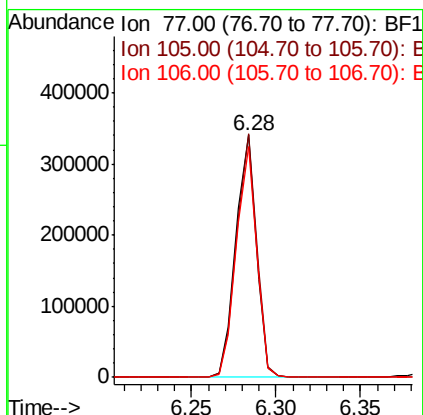
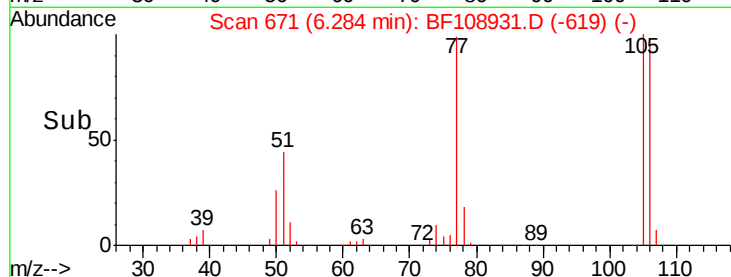
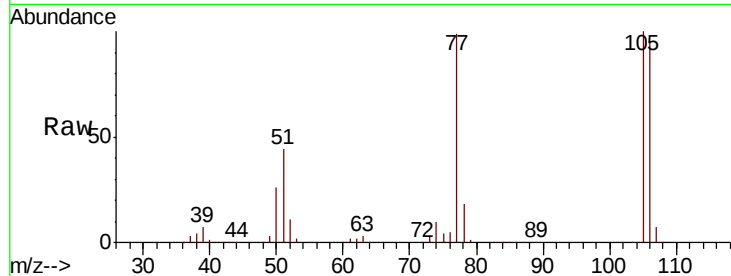
Tot Ion: 77 Resp: 285650

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

106 95.1 74.5 114.5



#10

Phenol

Concen: 42.364 ng

RT: 6.40 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

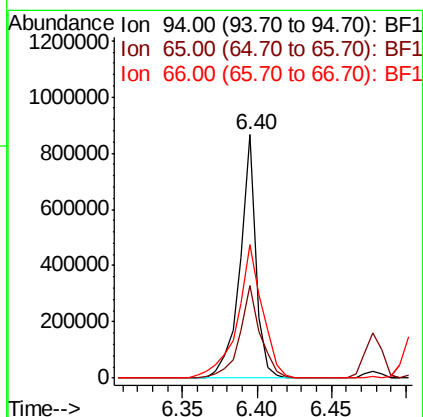
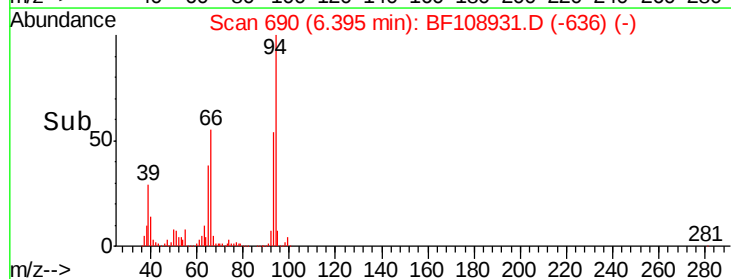
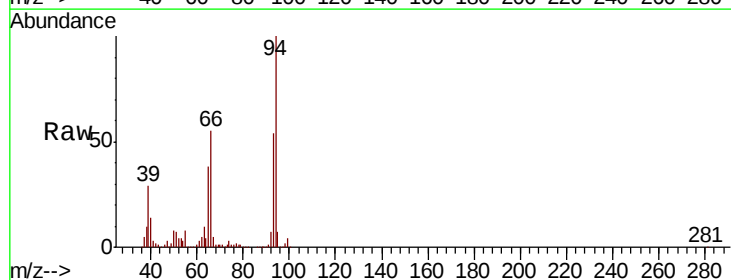
Tgt Ion: 94 Resp: 650680

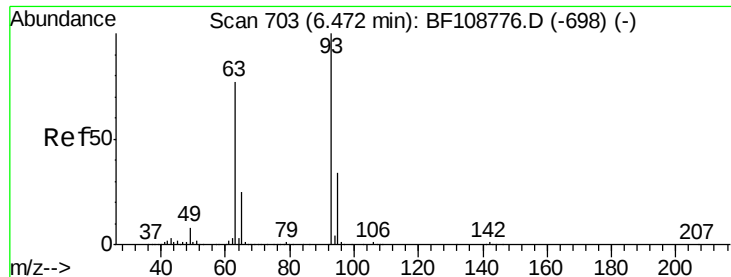
Ion Ratio Lower Upper

94 100

65 37.8 7.9 47.9

66 55.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.507 ng

RT: 6.48 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

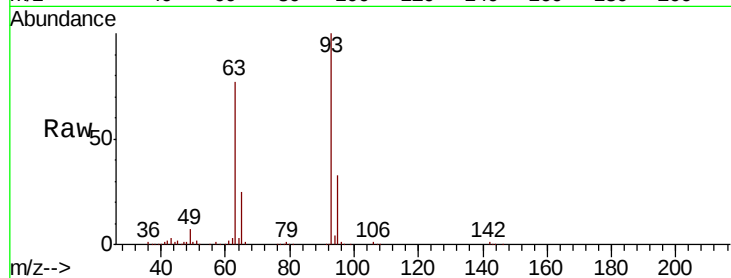
Tot Ion: 93 Resp: 535320

Ion Ratio Lower Upper

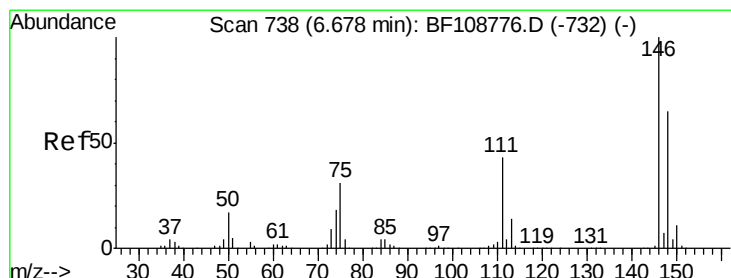
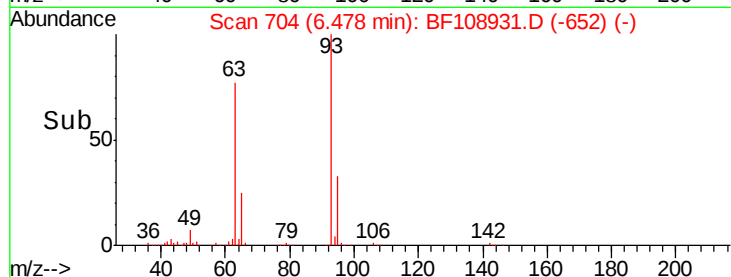
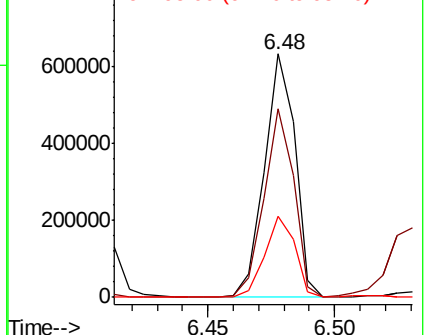
93 100

63 77.2 58.6 98.6

95 33.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.723 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

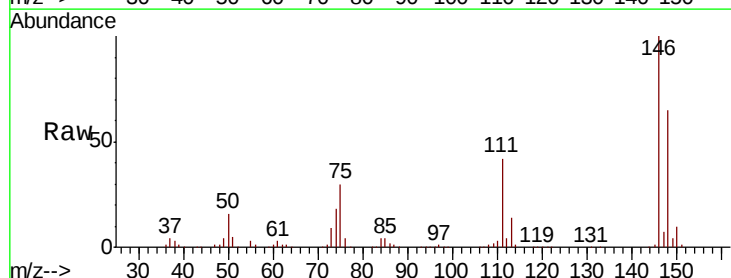
Tgt Ion: 146 Resp: 588769

Ion Ratio Lower Upper

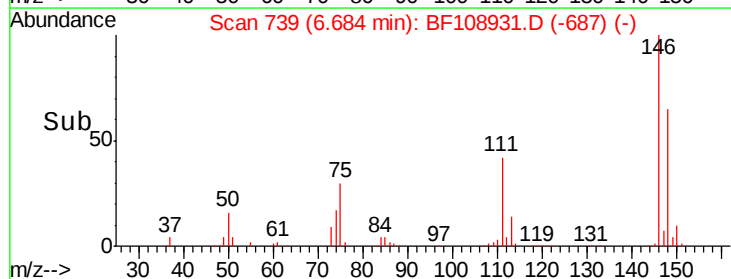
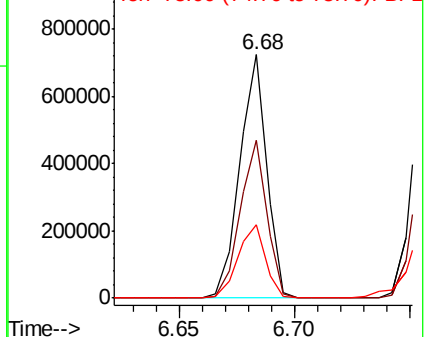
146 100

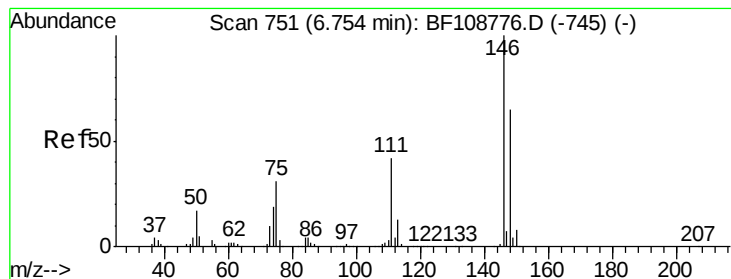
148 64.8 51.8 77.8

75 30.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.808 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

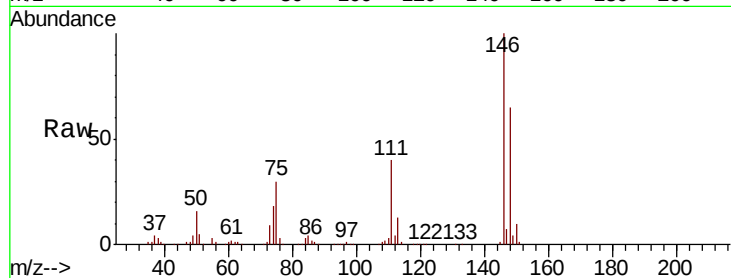
Tot Ion:146 Resp: 589904

Ion Ratio Lower Upper

146 100

148 64.9 50.8 76.2

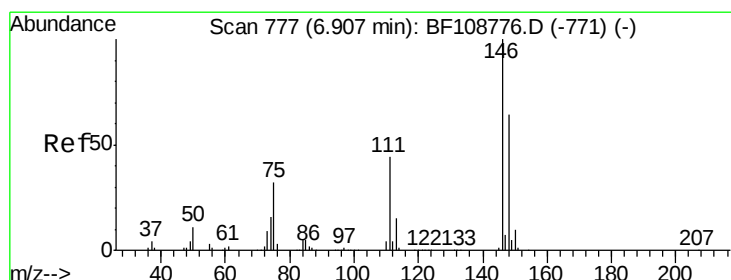
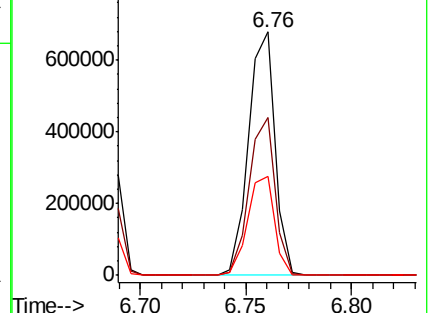
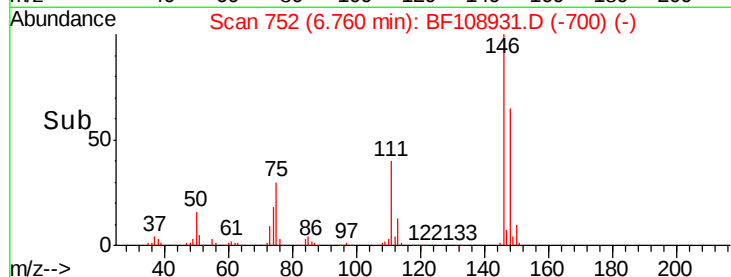
111 40.4 34.2 51.2



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: 45.081 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

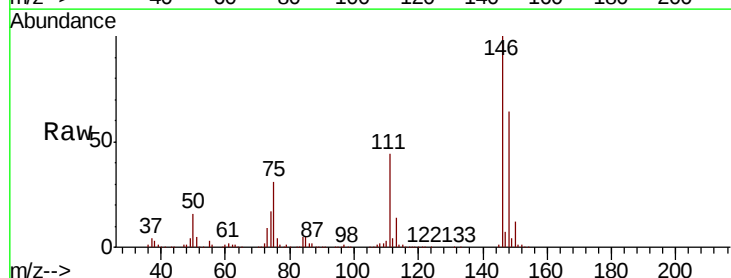
Tgt Ion:146 Resp: 547042

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

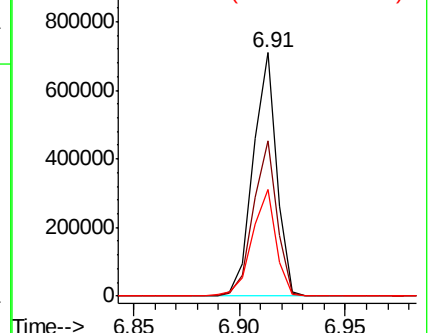
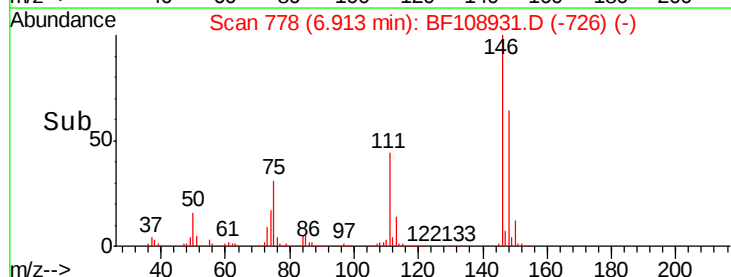
111 43.6 36.0 54.0

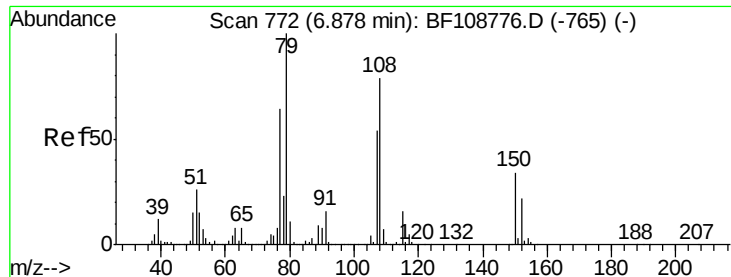


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.813 ng

RT: 6.88 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

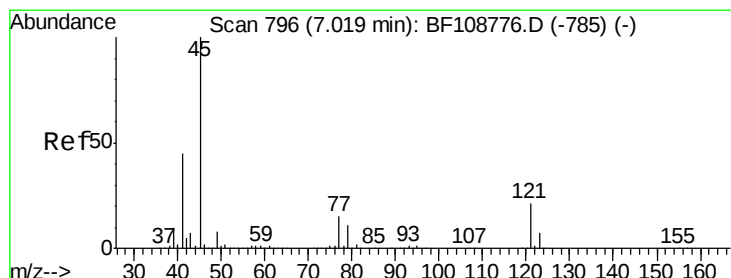
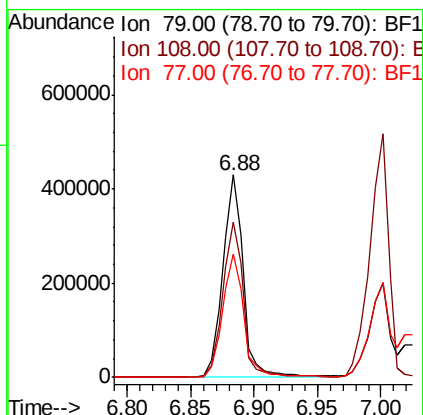
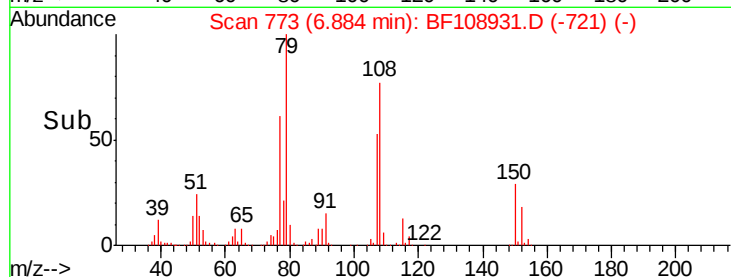
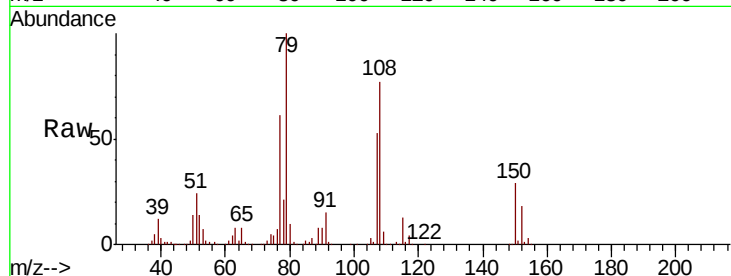
Tot Ion: 79 Resp: 481765

Ion Ratio Lower Upper

79 100

108 76.7 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.438 ng

RT: 7.02 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

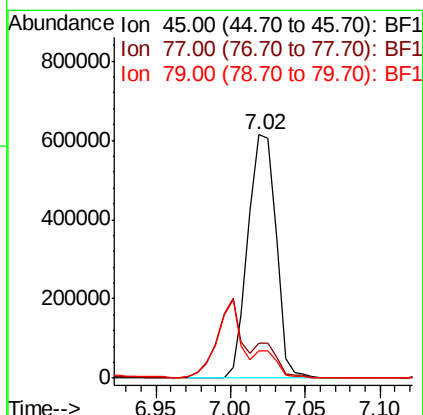
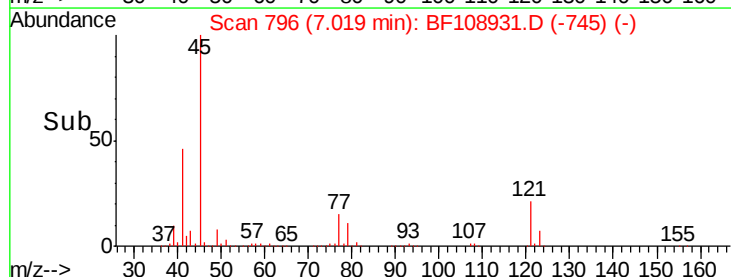
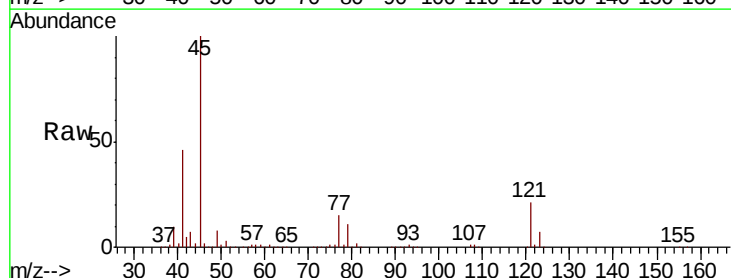
Tgt Ion: 45 Resp: 798926

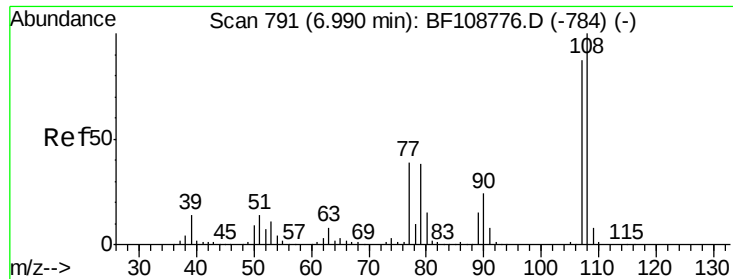
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 11.3 0.0 29.6

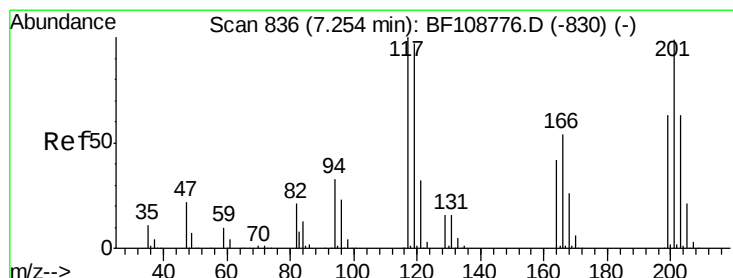
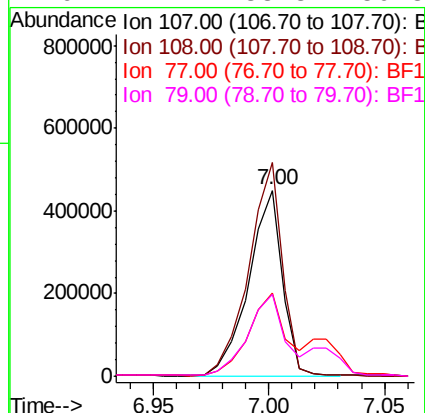
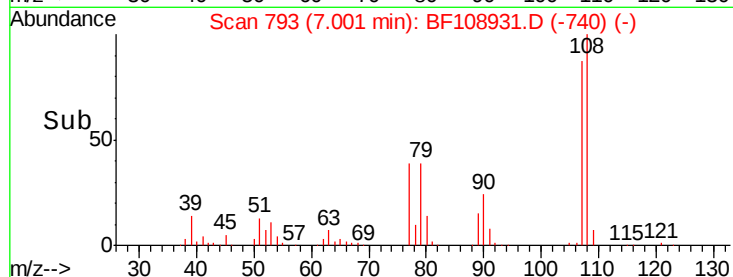
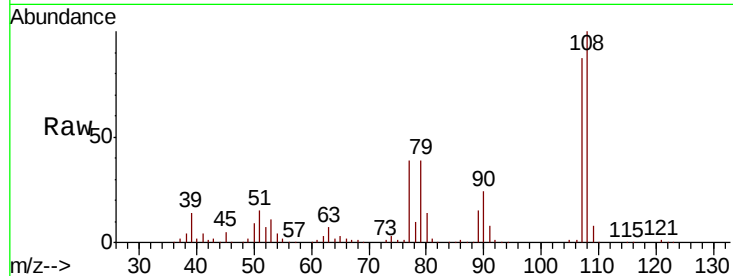




#17
2-Methylphenol
Concen: 46.929 ng
RT: 7.00 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

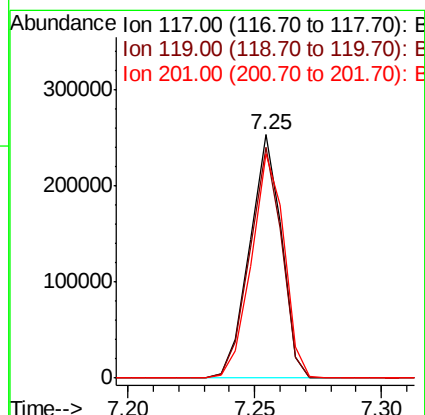
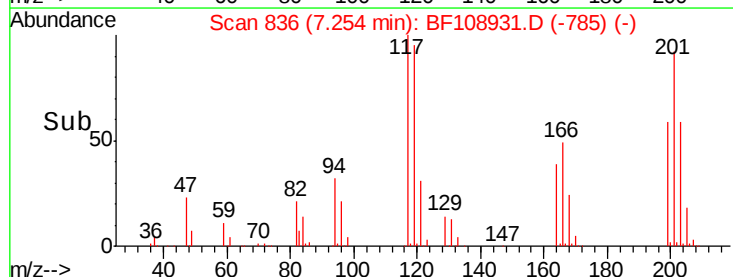
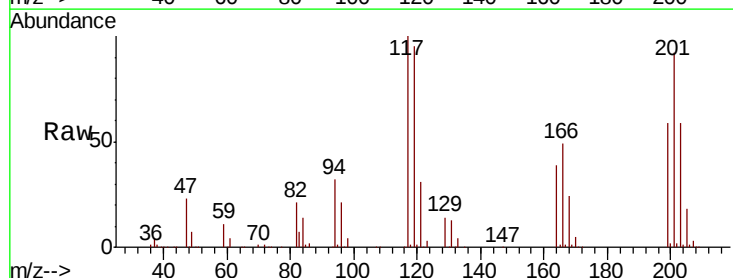
Instrument :
BNA_F
ClientSampleId :

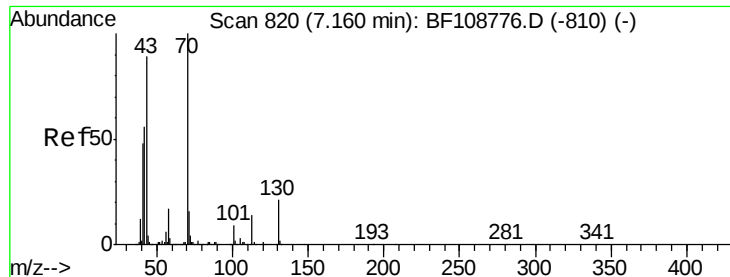
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	45.0	33.8	50.8
79	44.4	33.8	50.8



#18
Hexachloroethane
Concen: 46.721 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	92.2	75.7	113.5

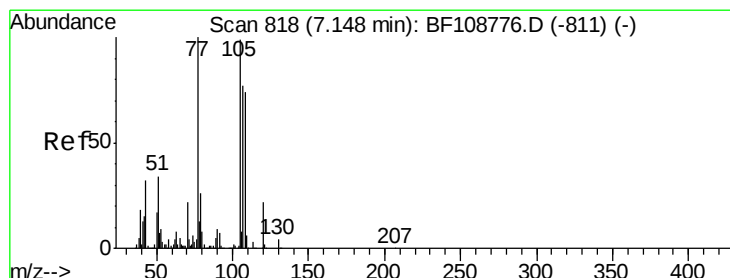
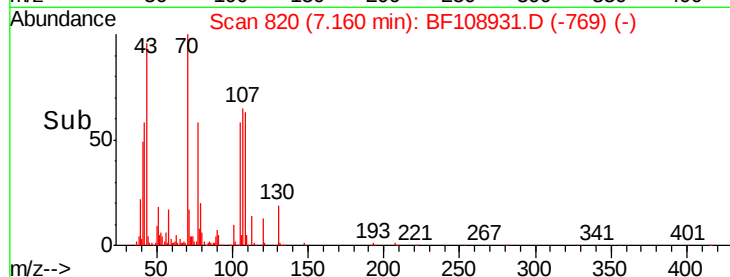
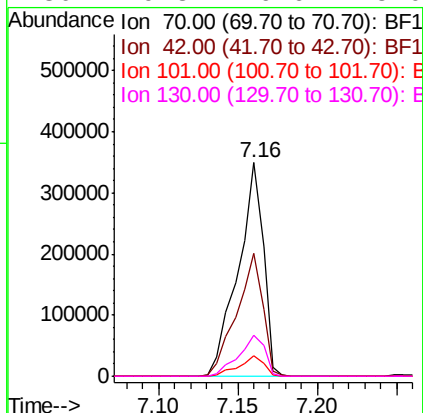
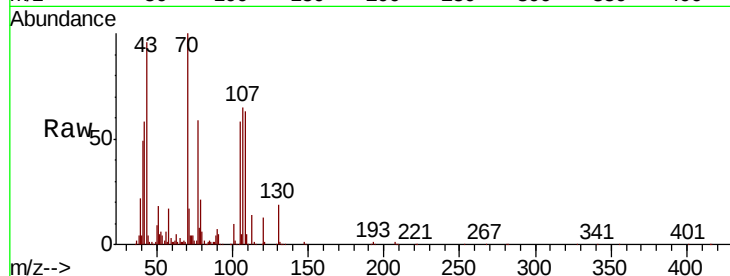




#19
n-Nitroso-di-n-propylamine
Concen: 41.422 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

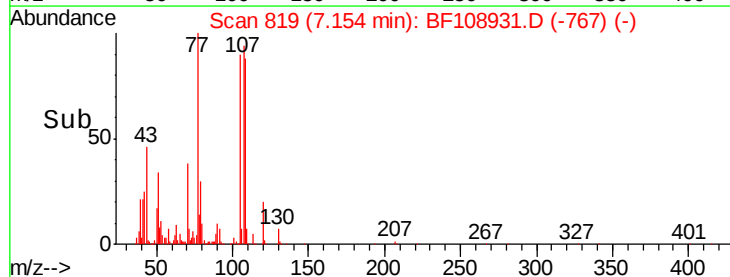
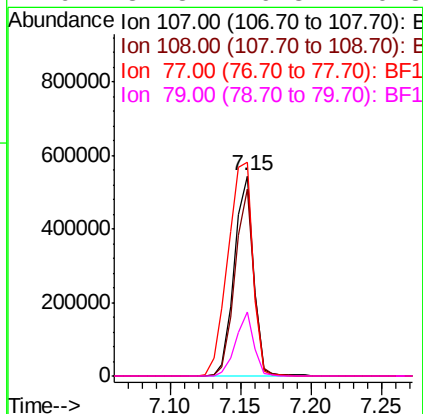
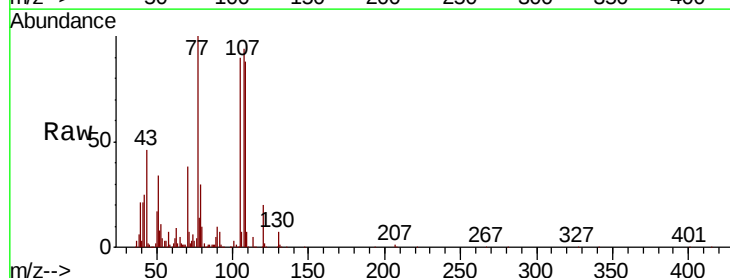
Instrument :
BNA_F
ClientSampled :

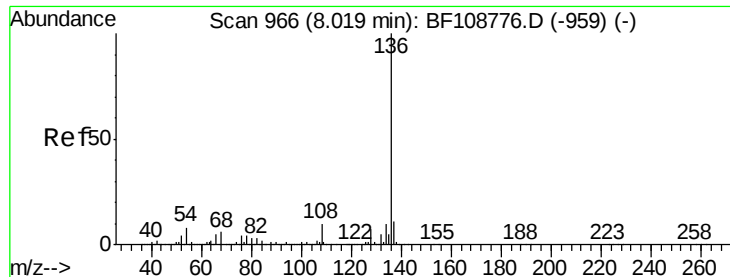
Tot Ion: 70 Resp: 386114
Ion Ratio Lower Upper
70 100
42 57.7 47.5 71.3
101 9.6 7.4 11.2
130 19.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.350 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion: 107 Resp: 517919
Ion Ratio Lower Upper
107 100
108 93.5 68.2 108.2
77 106.7 26.7 66.7#
79 31.8 6.3 46.3

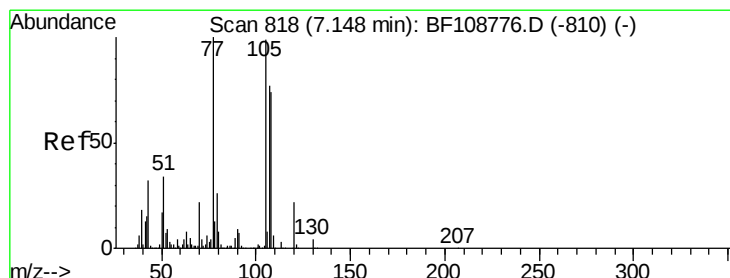
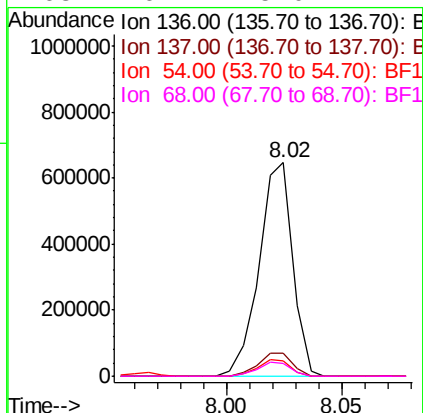
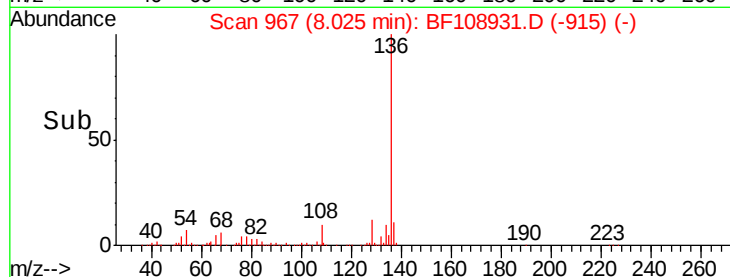
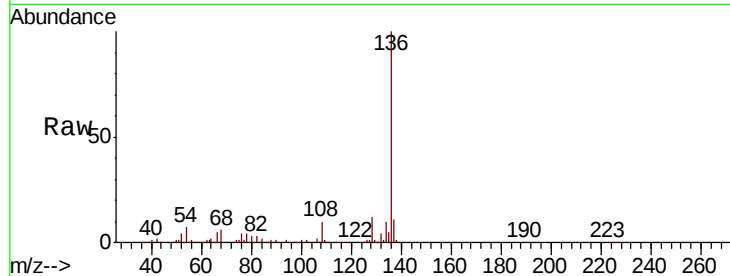




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

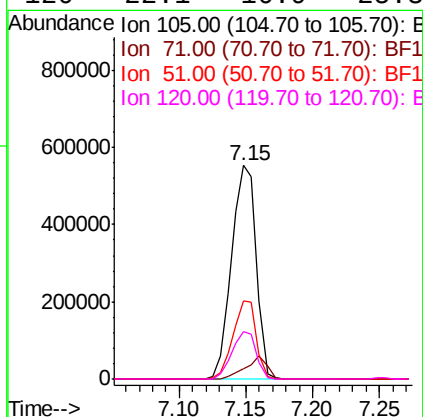
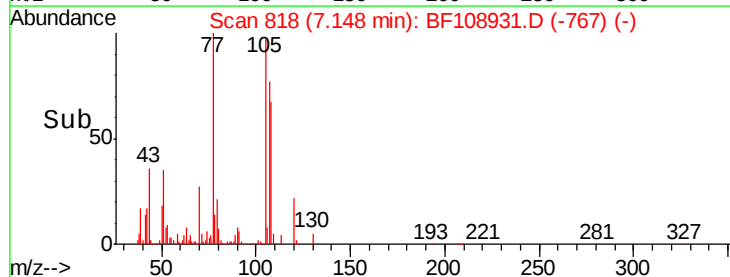
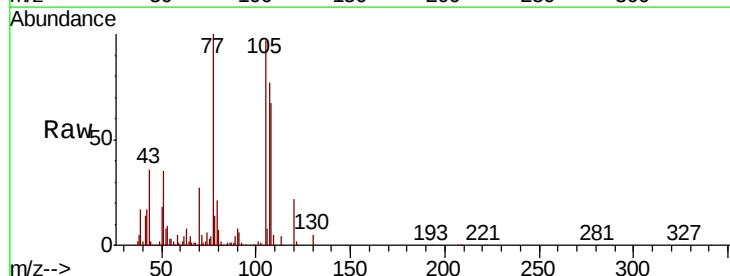
Instrument :
BNA_F
ClientSampleId :

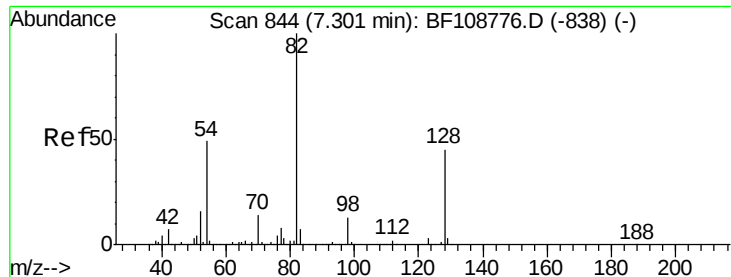
Tot Ion:136	Resp:	657979	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 7.2	6.6	9.8	
68 6.1	5.0	7.4	



#22
Acetophenone
Concen: 47.702 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt	Ion:105	Resp:	712328
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.4	6.6
51	36.3	22.3	33.5#
120	22.1	16.9	25.3

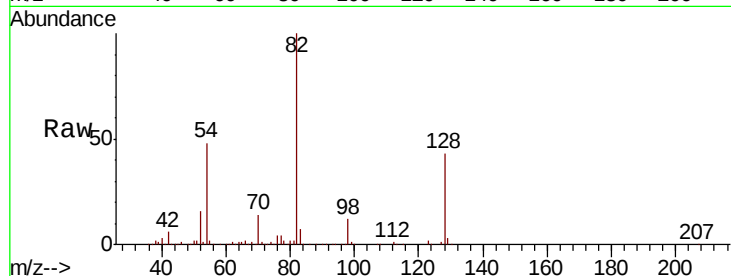




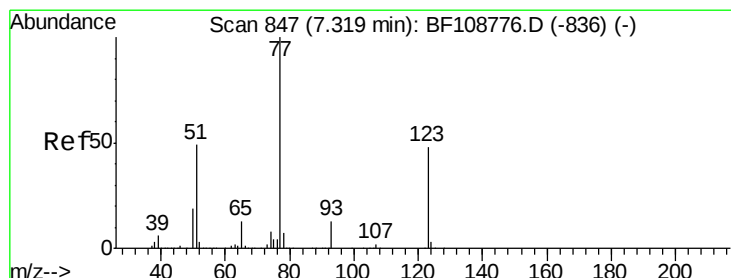
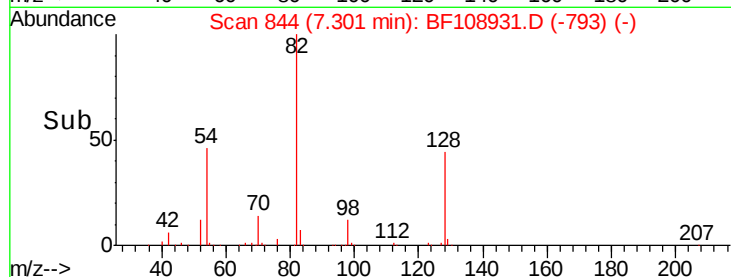
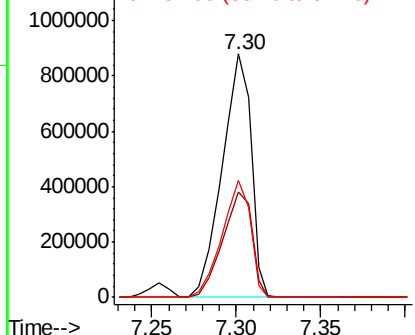
#23
Nitrobenzene-d5
Concen: 99.071 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1041642
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 48.2 41.4 62.2

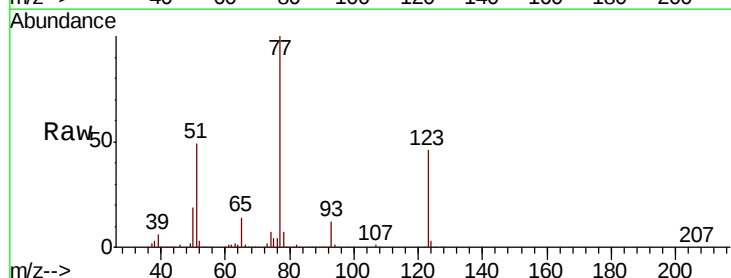


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

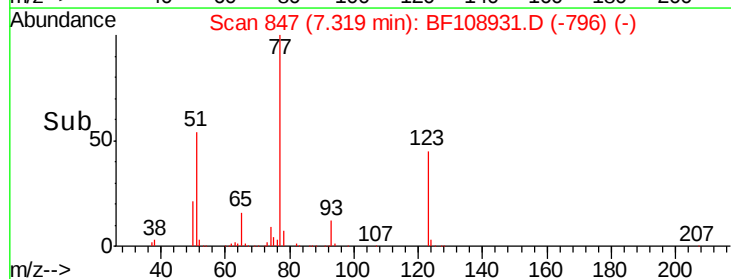
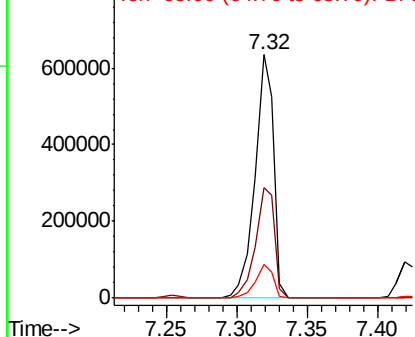


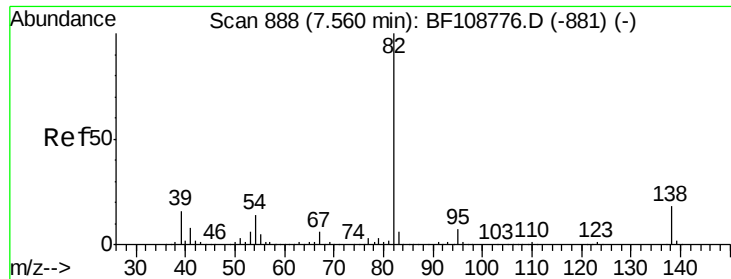
#24
Nitrobenzene
Concen: 52.359 ng
RT: 7.32 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion: 77 Resp: 590667
Ion Ratio Lower Upper
77 100
123 45.6 37.9 56.9
65 13.8 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
800000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

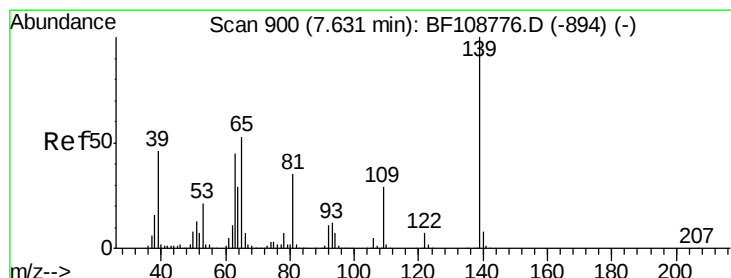
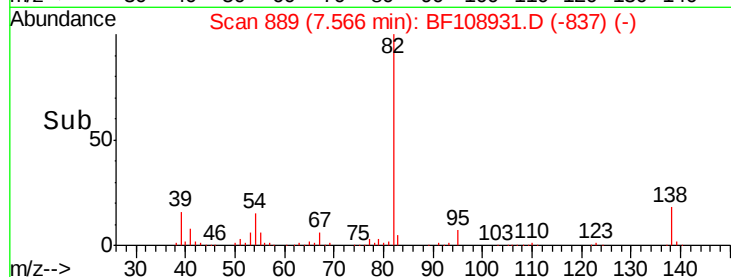
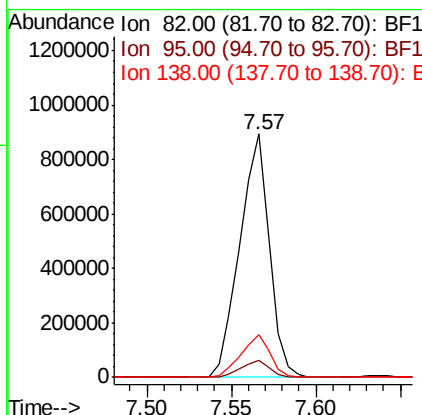
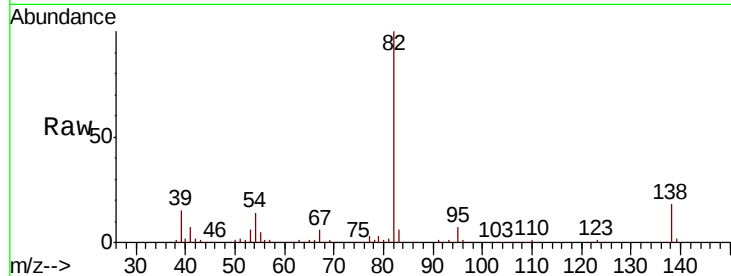




#25
Isophorone
Concen: 52.371 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

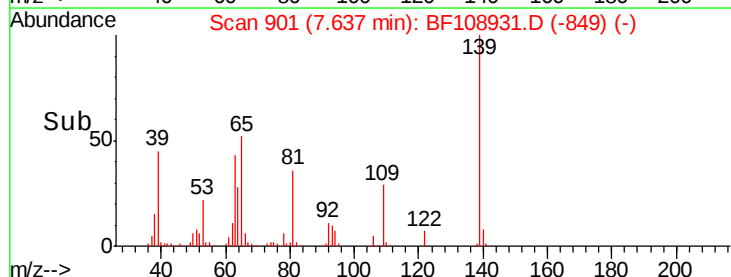
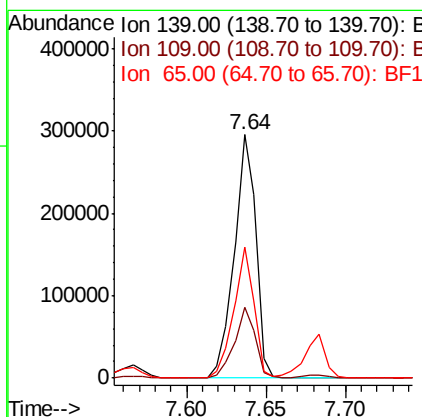
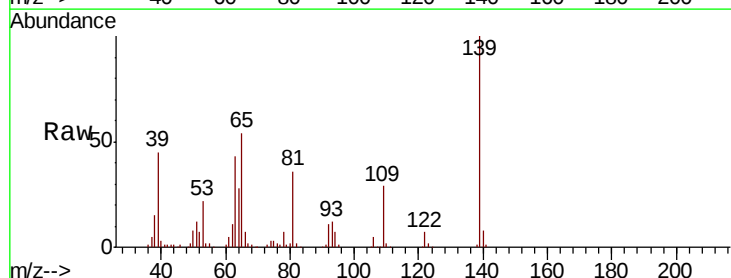
Instrument :
BNA_F
ClientSampleId :

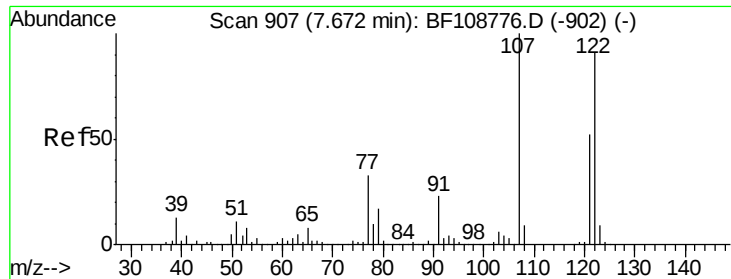
Tot Ion: 82 Resp: 1098323
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 17.8 14.9 22.3



#26
2-Nitrophenol
Concen: 62.719 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion: 139 Resp: 278753
Ion Ratio Lower Upper
139 100
109 29.0 22.7 34.1
65 53.9 40.5 60.7

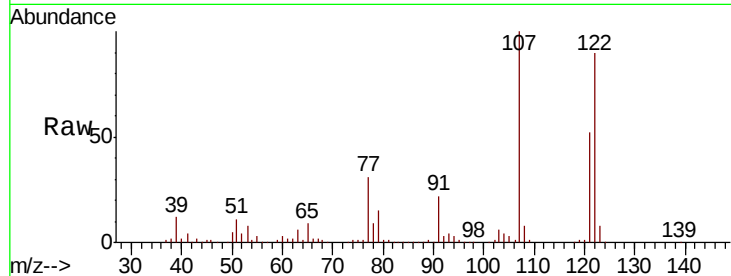




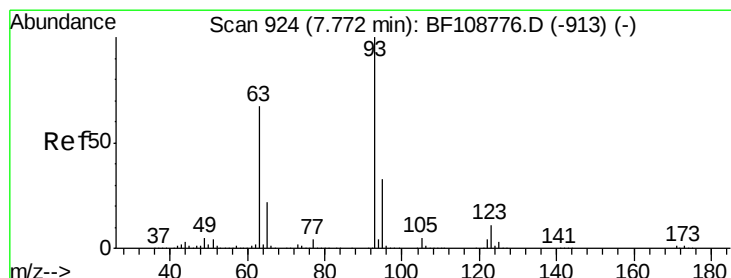
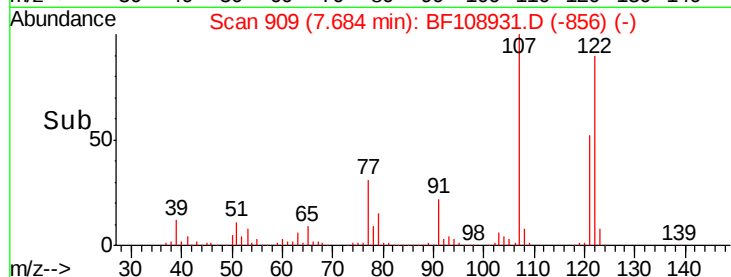
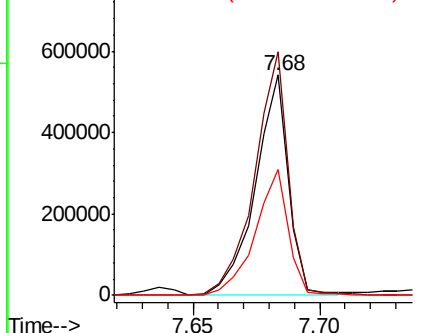
#27
 2,4-Dimethylphenol
 Concen: 54.713 ng
 RT: 7.68 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 493805
 Ion Ratio Lower Upper
 122 100
 107 110.5 91.2 136.8
 121 56.9 47.2 70.8

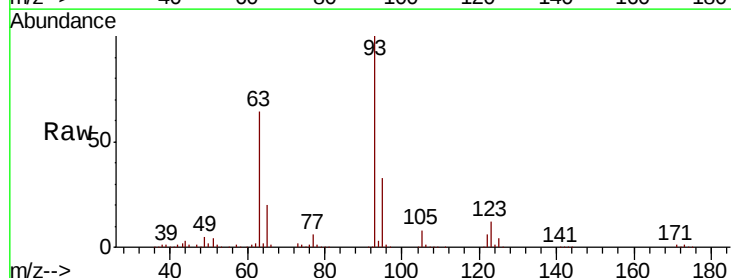


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

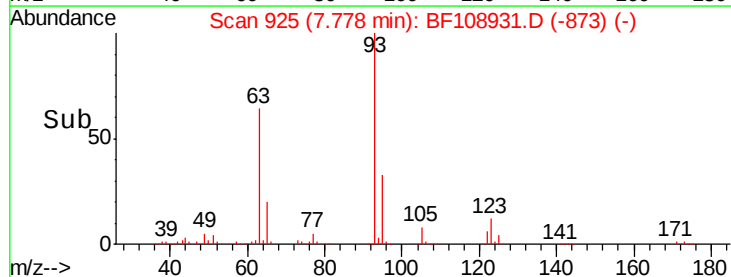
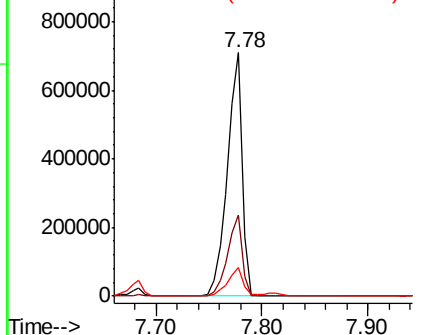


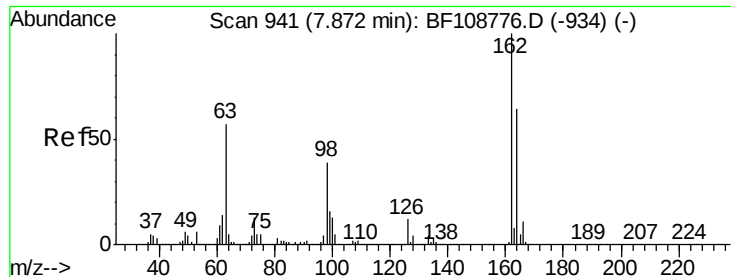
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.953 ng
 RT: 7.78 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion: 93 Resp: 686397
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

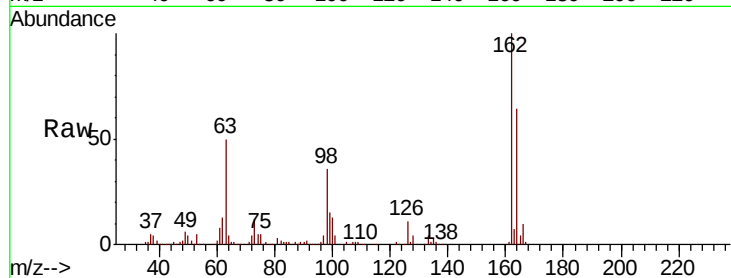




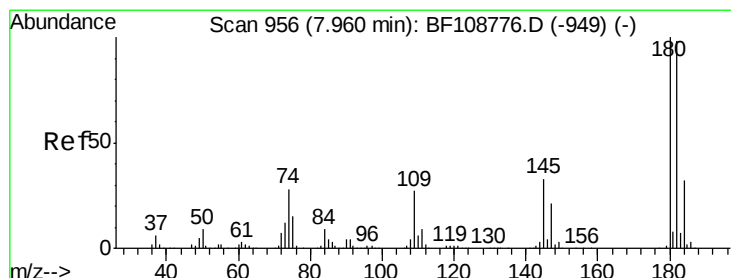
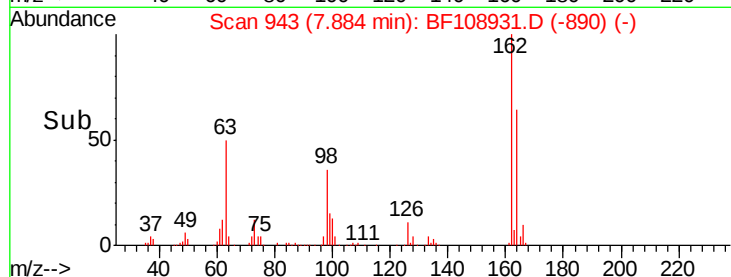
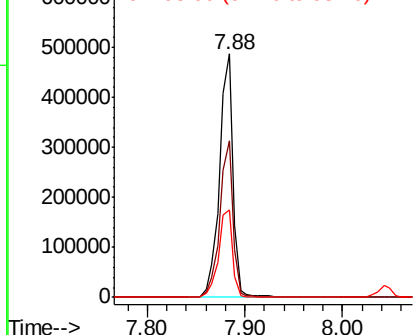
#29
2,4-Dichlorophenol
Concen: 50.352 ng
RT: 7.88 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	35.8	18.1	58.1

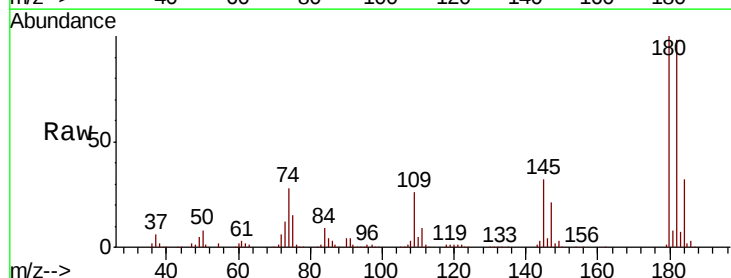


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

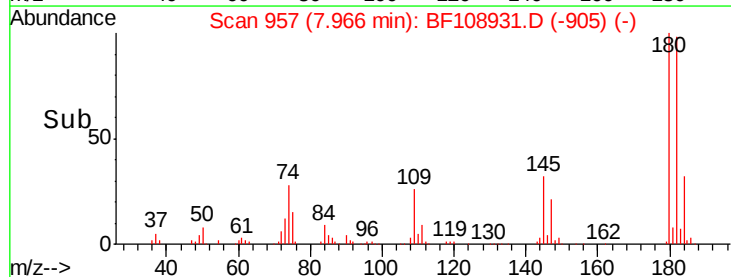
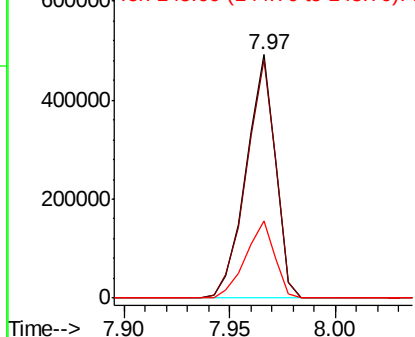


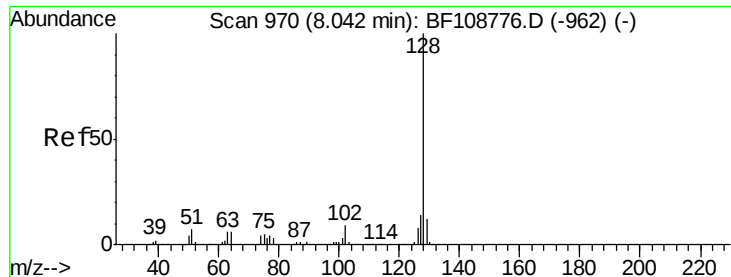
#30
1,2,4-Trichlorobenzene
Concen: 46.993 ng
RT: 7.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.8	115.2
145	31.9	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

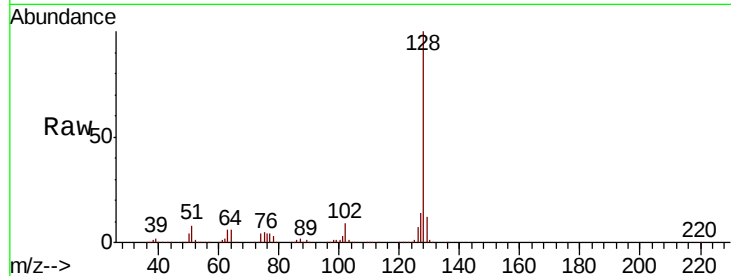




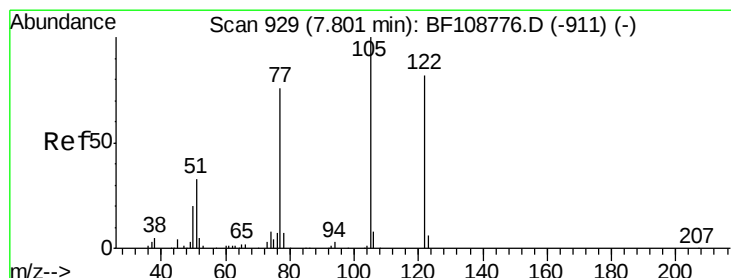
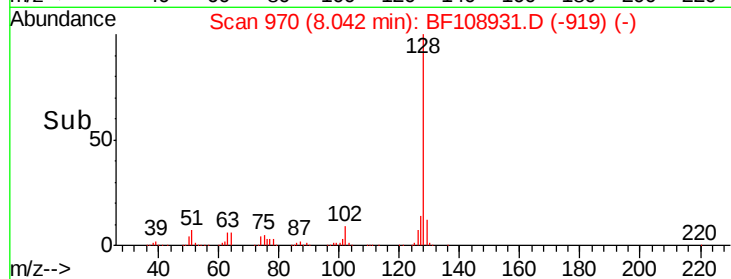
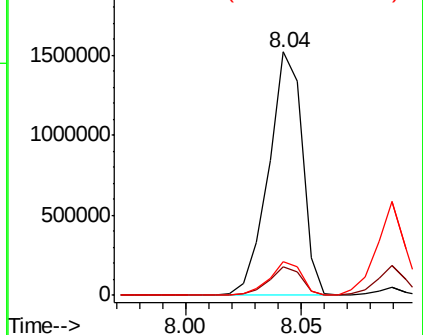
#31
Naphthalene
Concen: 51.895 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1536234
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.6 10.9 16.3

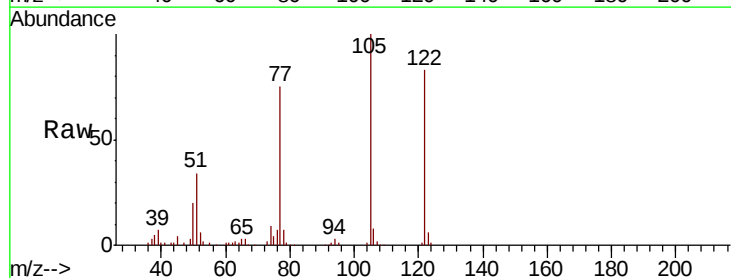


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

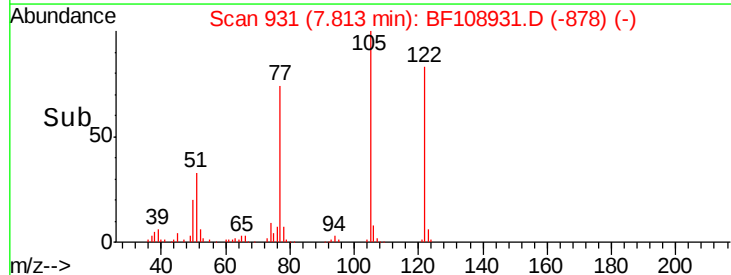
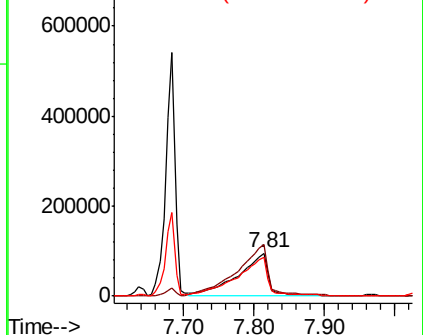


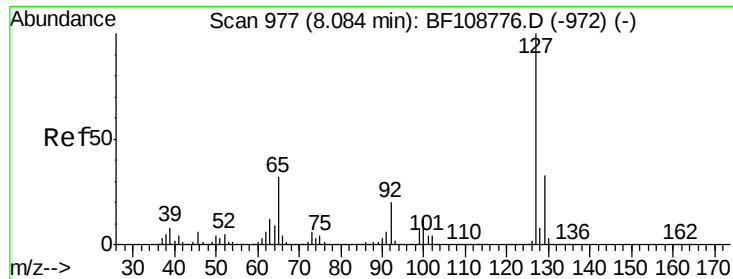
#32
Benzoic acid
Concen: 47.655 ng
RT: 7.81 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:122 Resp: 281779
Ion Ratio Lower Upper
122 100
105 120.0 101.1 141.1
77 90.0 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

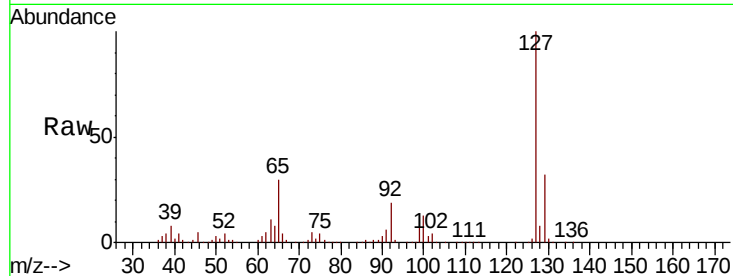




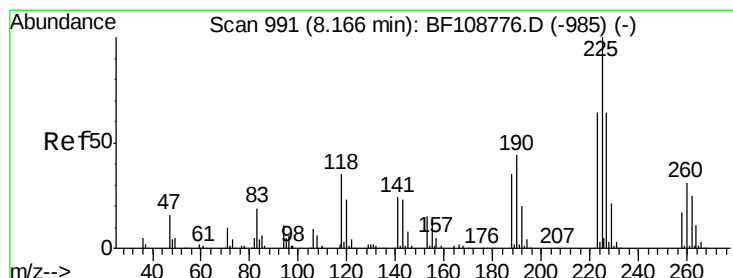
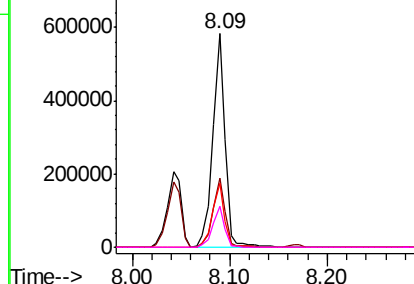
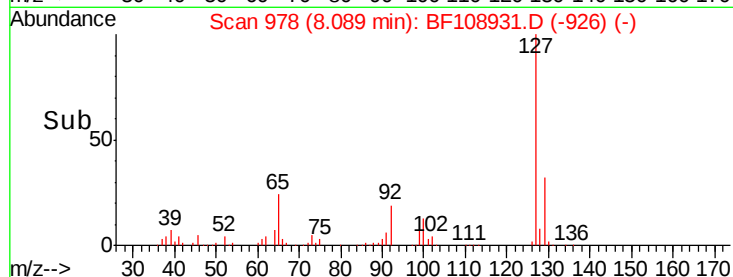
#33
4-Chloroaniline
Concen: 37.543 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	510422
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.9	25.0	37.4
92	19.1	15.2	22.8

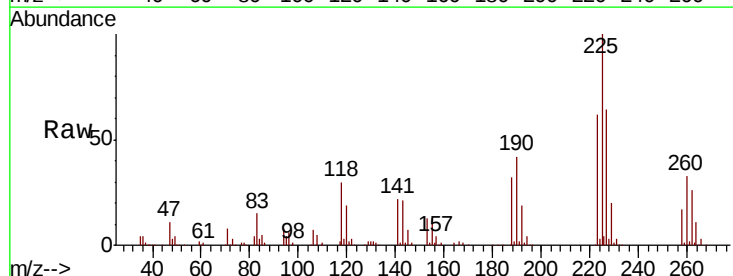


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

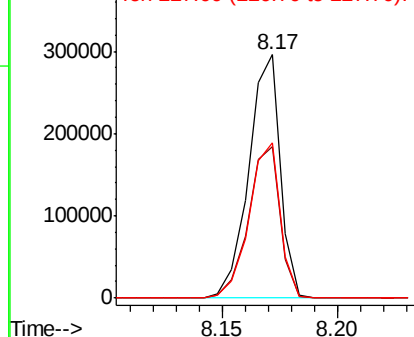
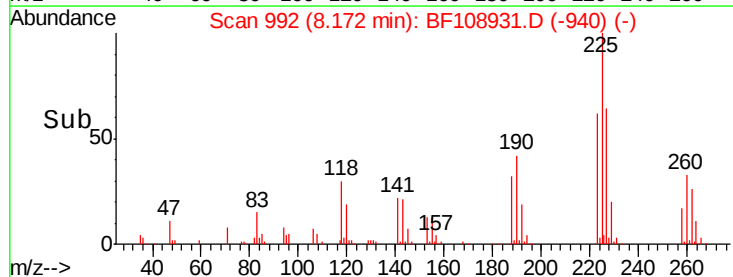


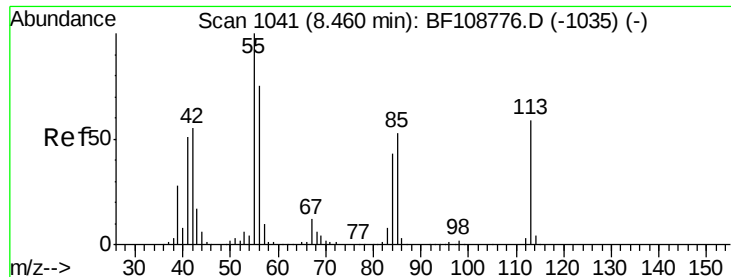
#34
Hexachlorobutadiene
Concen: 46.762 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:	225	Resp:	281747
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.7	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

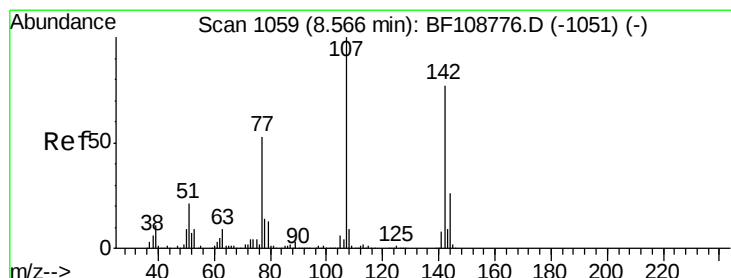
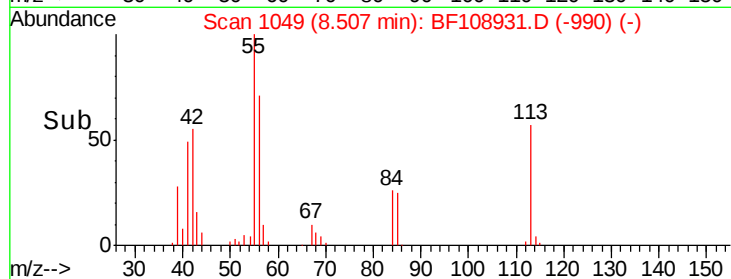
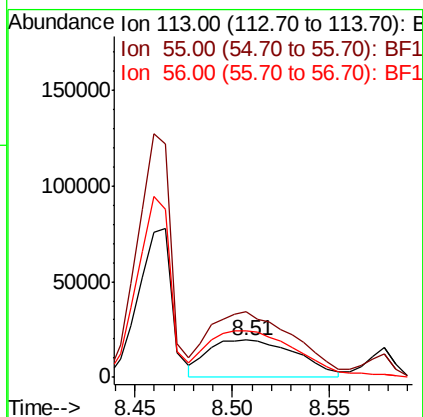
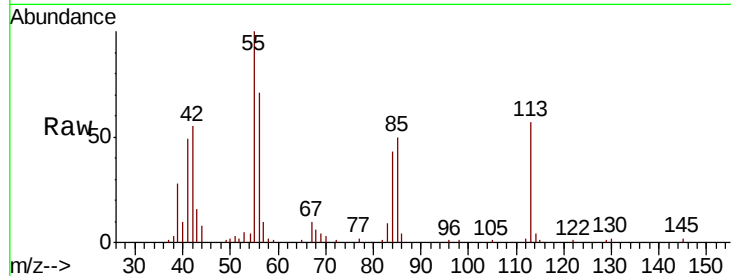




#35
 Caprolactam
 Concen: 19.634 ng
 RT: 8.51 min Scan# 1049
 Delta R.T. 0.05 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

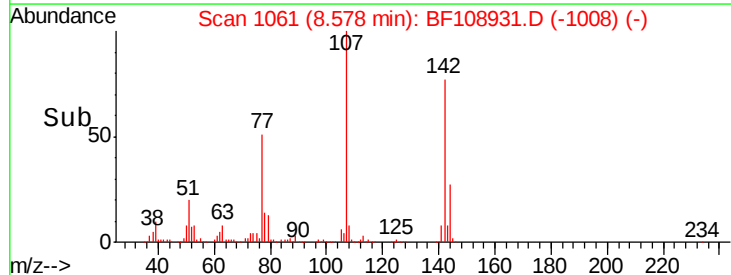
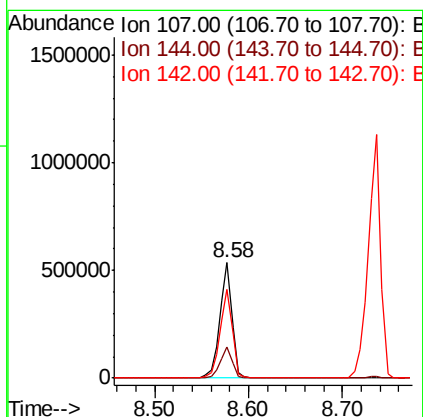
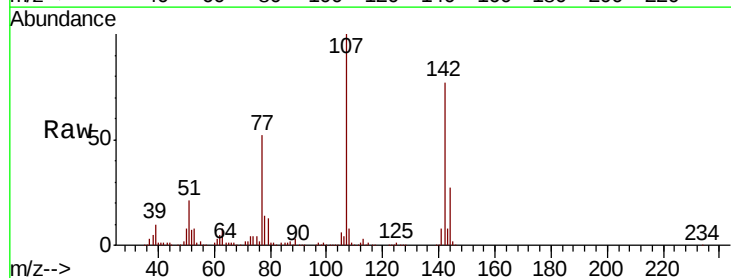
Instrument :
 BNA_F
 ClientSampleId :

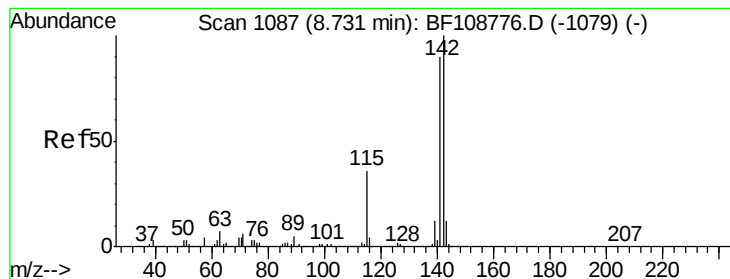
Tot Ion:113 Resp: 61917
 Ion Ratio Lower Upper
 113 100
 55 175.0 163.3 203.3
 56 124.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.757 ng
 RT: 8.58 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:107 Resp: 483373
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 76.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 52.758 ng

RT: 8.74 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

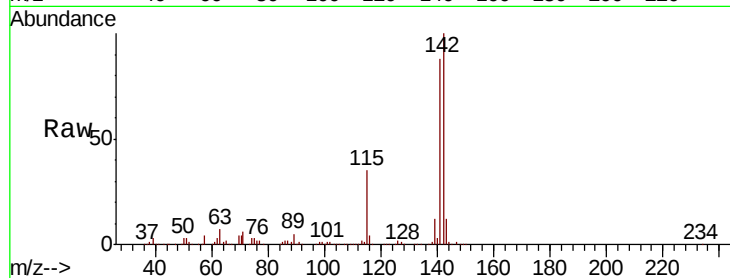
Tot Ion:142 Resp: 1031768

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

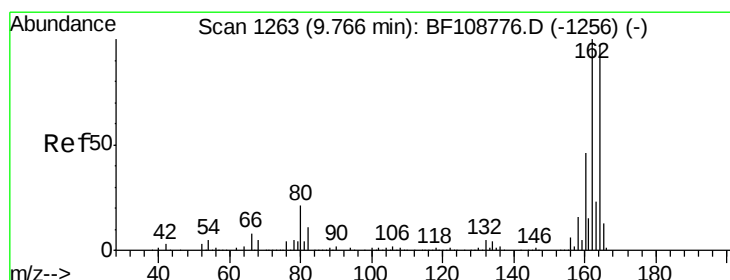
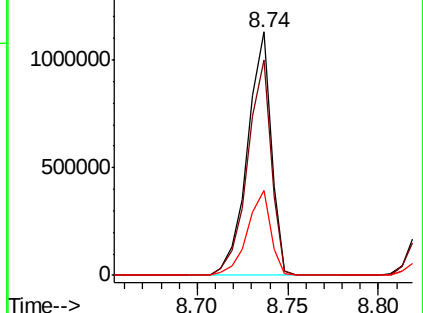
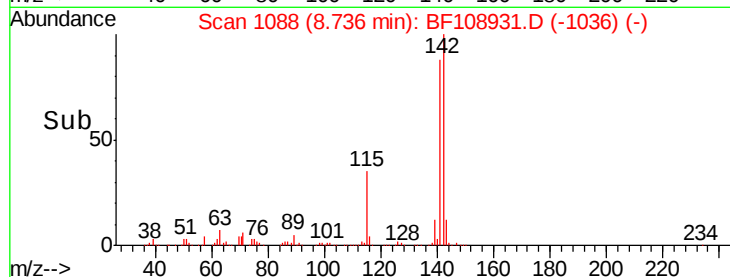
115 35.0 26.1 39.1



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: BF108931.D

Acq: 11 Sep 2018 13:23

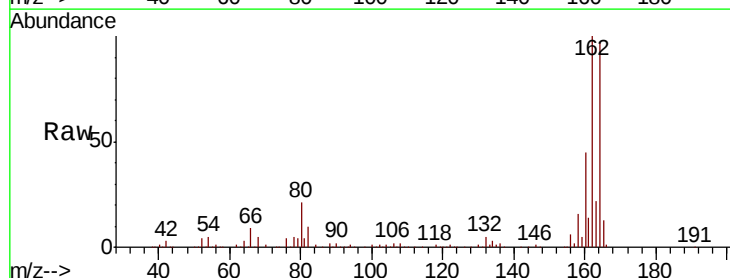
Tgt Ion:164 Resp: 317697

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

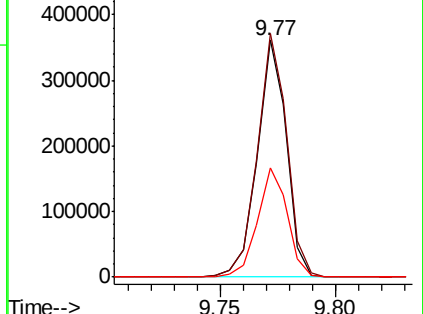
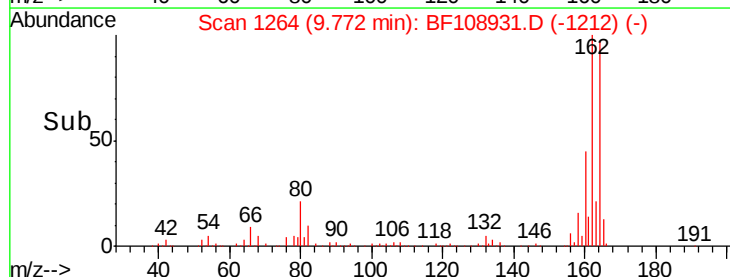
160 46.2 38.3 57.5

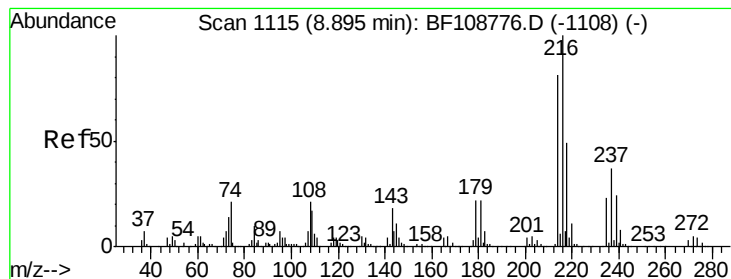


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.250 ng

RT: 8.91 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 429733

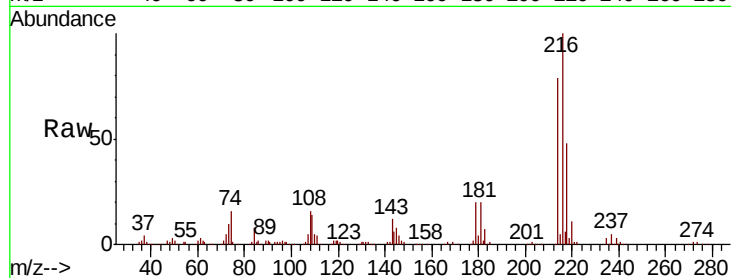
Ion Ratio Lower Upper

216 100

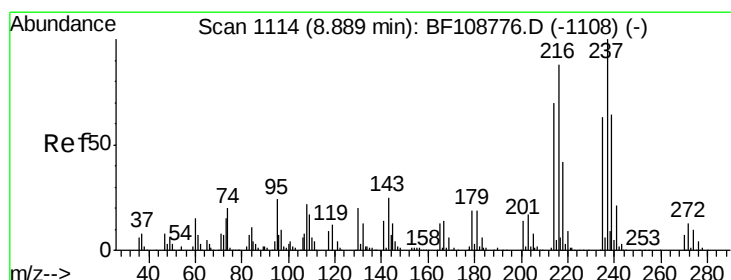
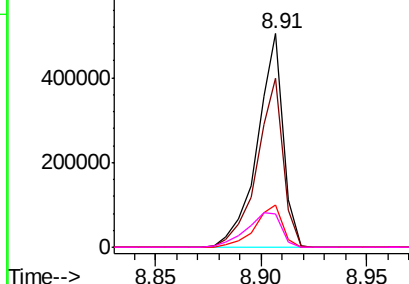
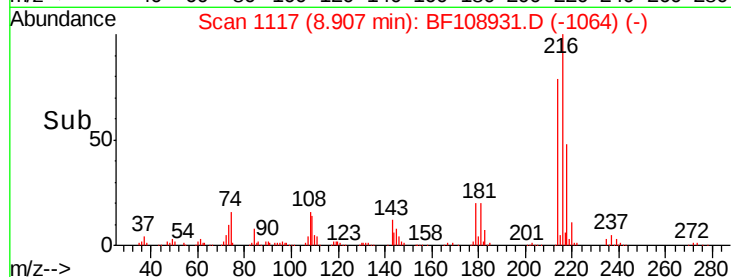
214 79.5 63.0 94.4

179 20.9 18.1 27.1

108 21.9 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: 123.085 ng

RT: 8.90 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

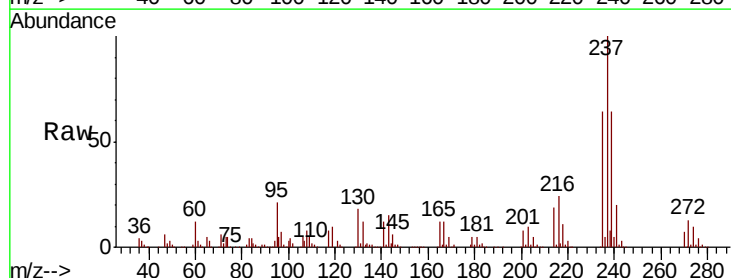
Tgt Ion:237 Resp: 588060

Ion Ratio Lower Upper

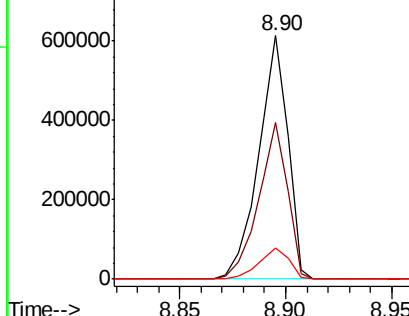
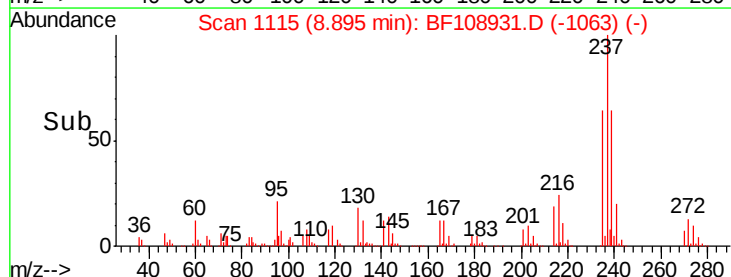
237 100

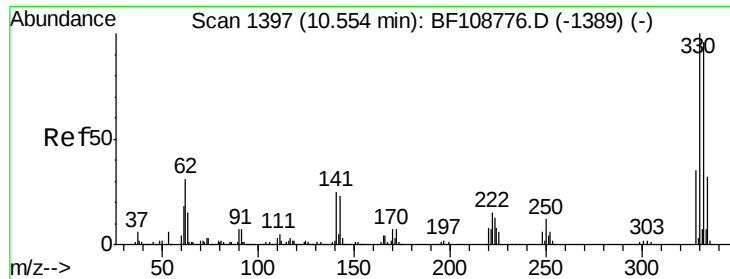
235 64.4 44.8 84.8

272 12.9 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

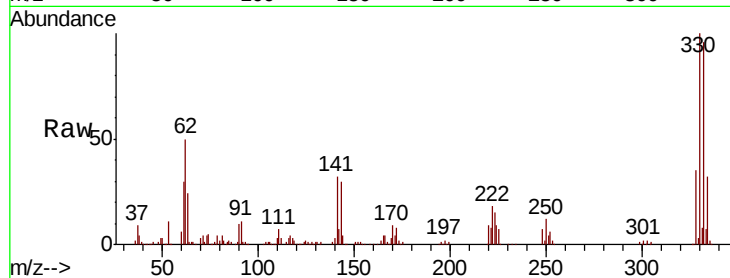




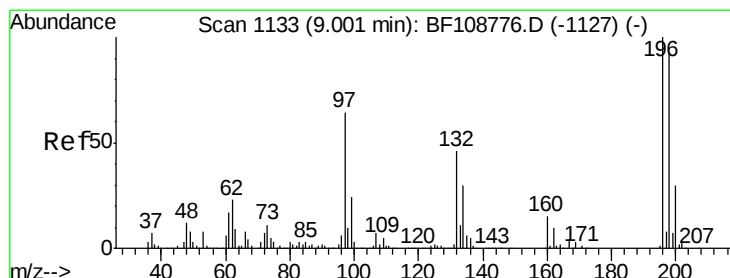
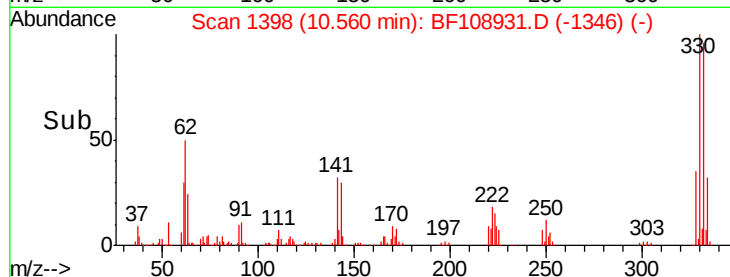
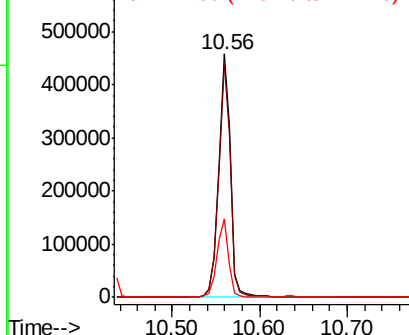
#41
 2,4,6-Tribromophenol
 Concen: 142.000 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 430670
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 31.6 29.9 44.9

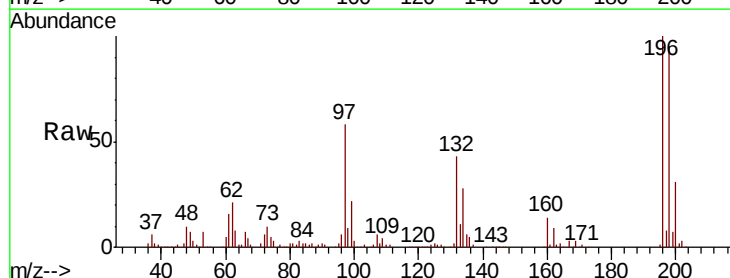


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

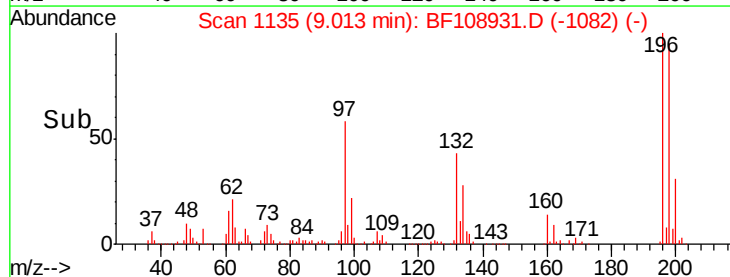
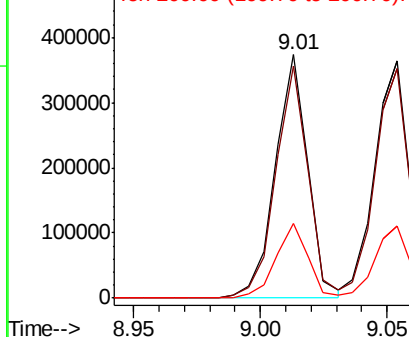


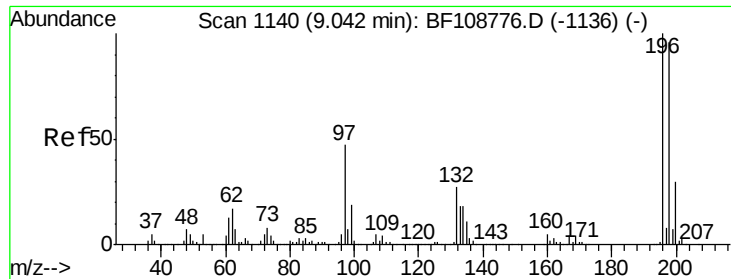
#42
 2,4,6-Trichlorophenol
 Concen: 51.287 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:196 Resp: 331754
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.9 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

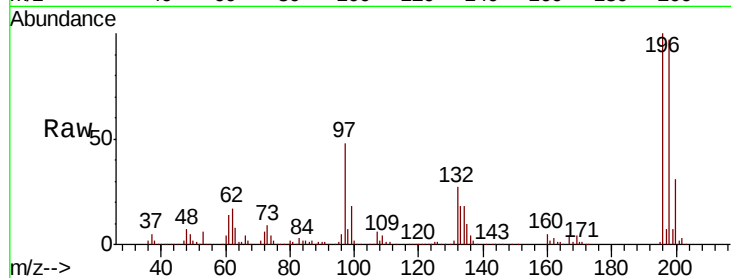




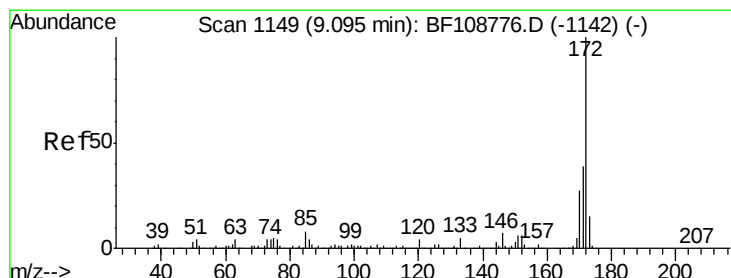
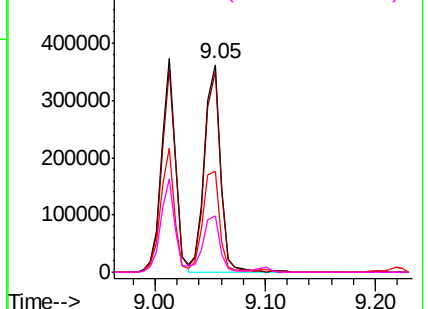
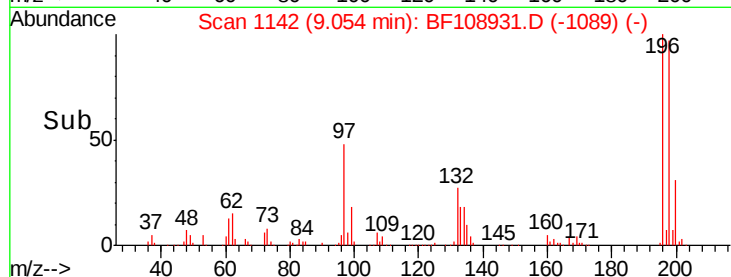
#43
2,4,5-Trichlorophenol
Concen: 52.651 ng
RT: 9.05 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 353033
Ion Ratio Lower Upper
196 100
198 96.7 74.6 112.0
97 48.4 42.9 64.3
132 27.3 26.3 39.5

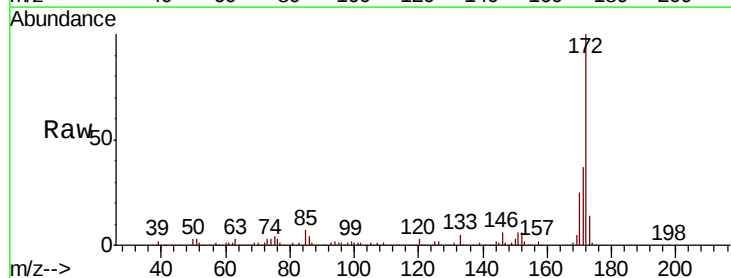


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

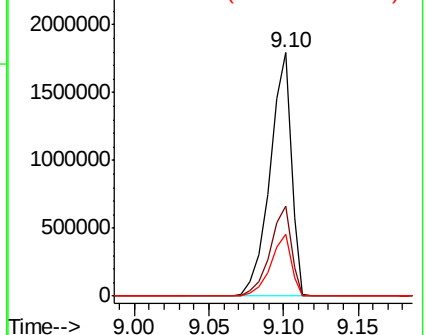
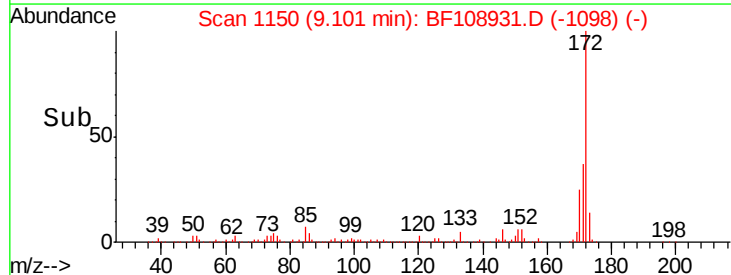


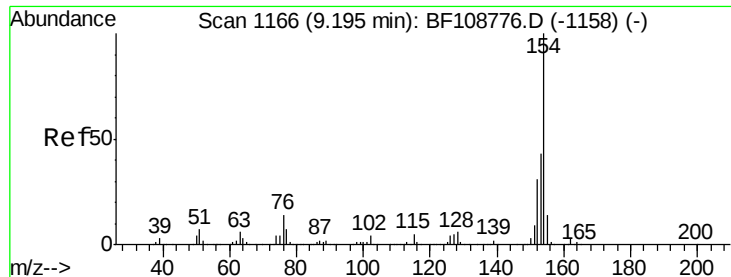
#44
2-Fluorobiphenyl
Concen: 95.303 ng
RT: 9.10 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:172 Resp: 1774780
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.5 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 48.307 ng

RT: 9.20 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

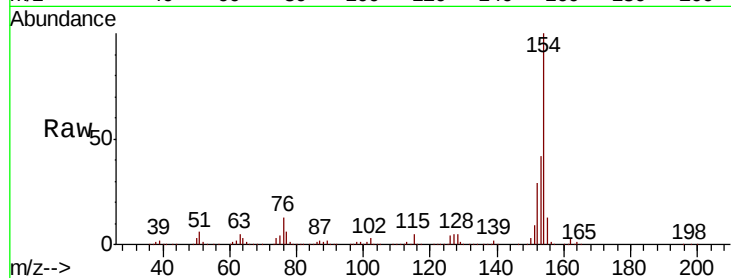
Tot Ion:154 Resp: 1181520

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

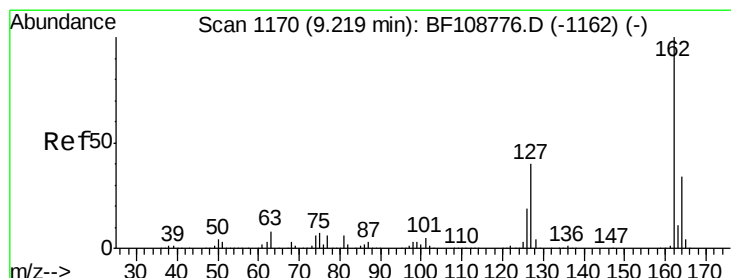
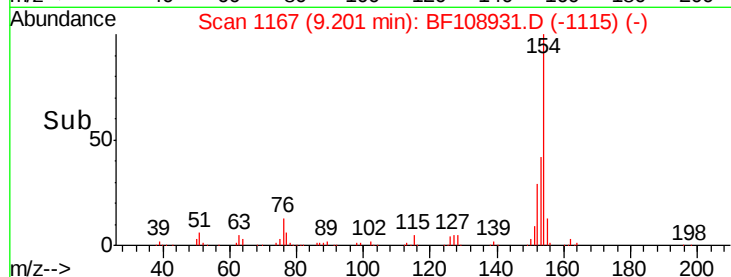
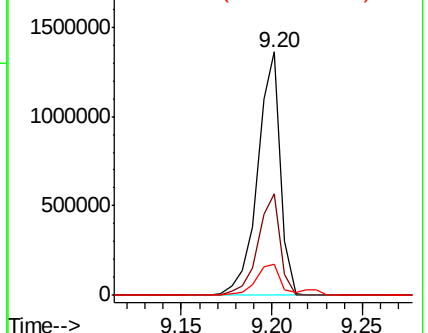
76 12.8 0.0 34.0



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: 47.867 ng

RT: 9.22 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

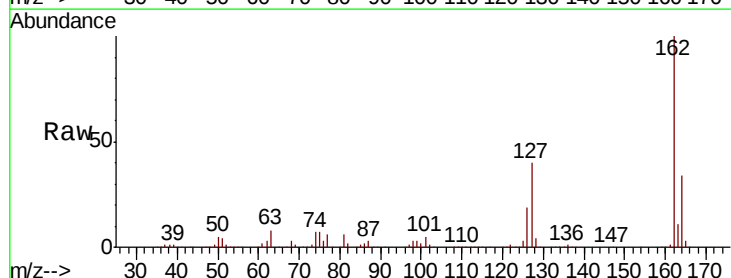
Tgt Ion:162 Resp: 946834

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

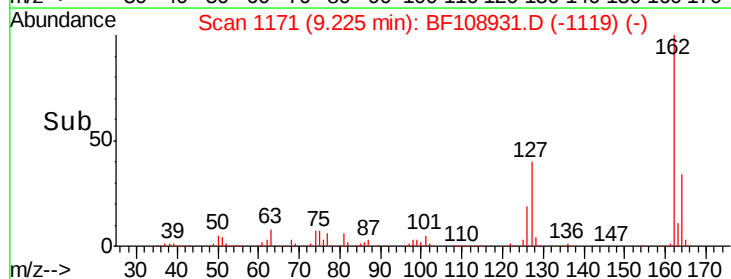
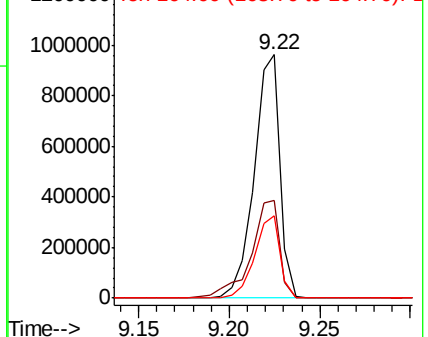
164 33.7 26.5 39.7

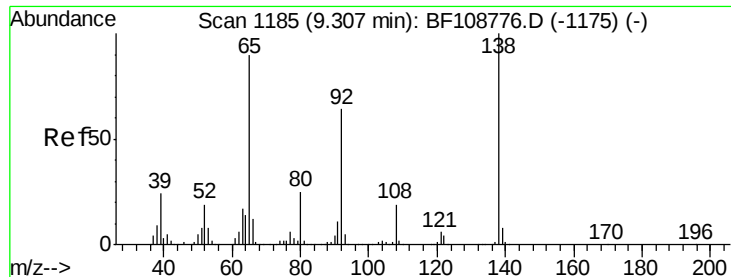


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

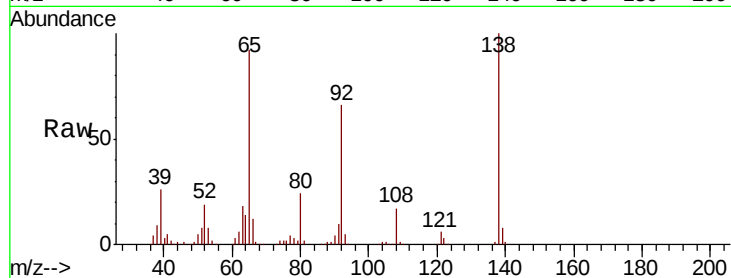




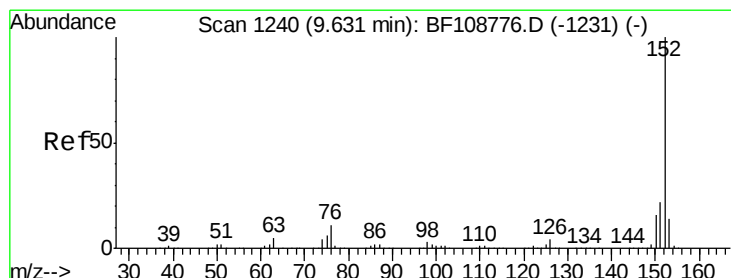
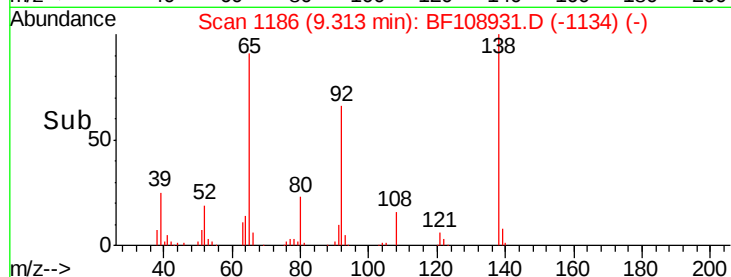
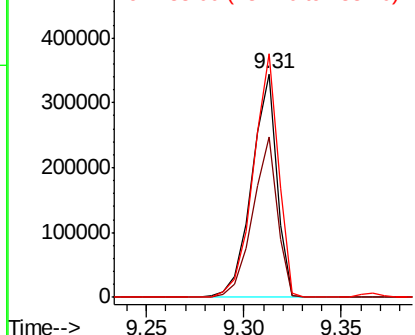
#47
2-Nitroaniline
Concen: 57.010 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 308071
Ion Ratio Lower Upper
65 100
92 71.6 55.8 83.6
138 108.8 91.2 136.8

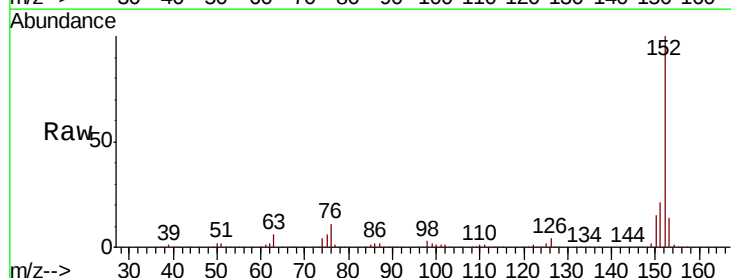


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

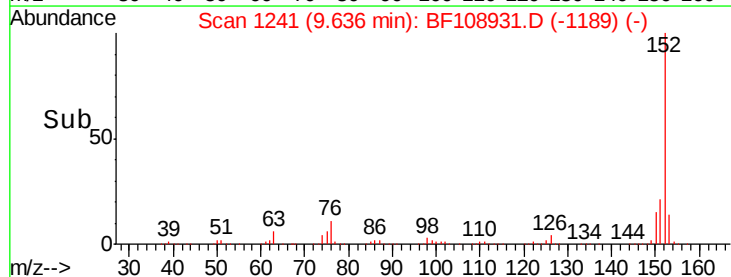
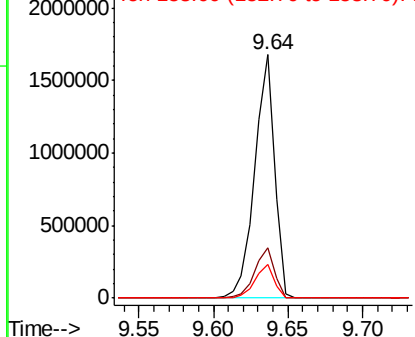


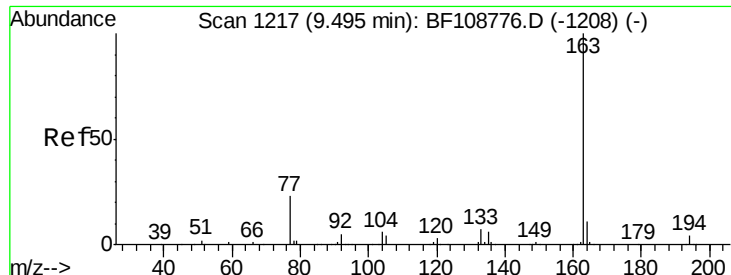
#48
Acenaphthylene
Concen: 51.821 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion: 152 Resp: 1527916
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.7 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

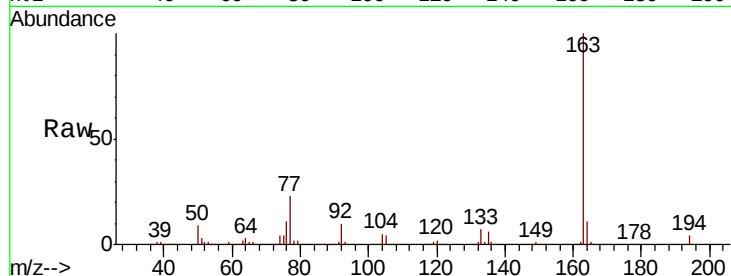




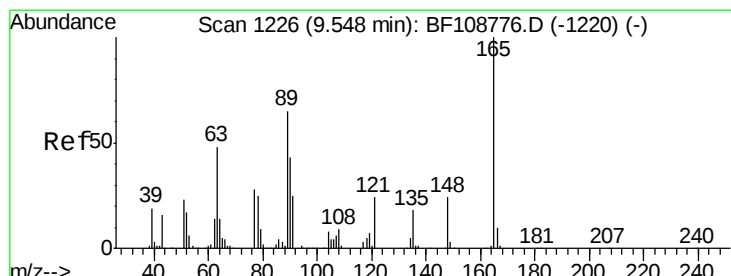
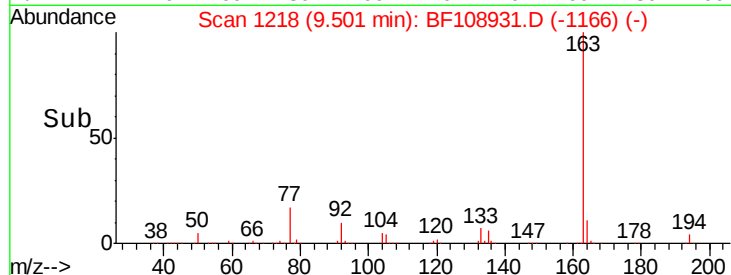
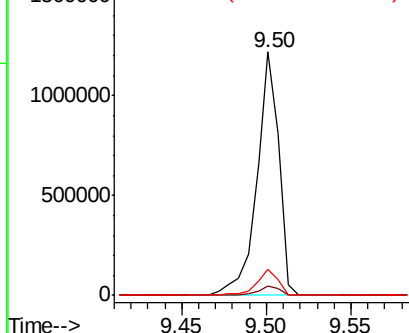
#49
Dimethylphthalate
Concen: 49.434 ng
RT: 9.50 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1098457
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.8 8.2 12.2

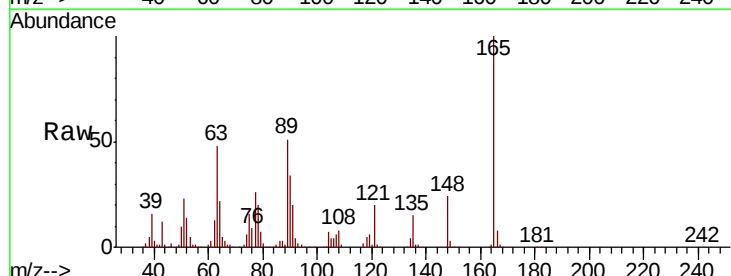


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

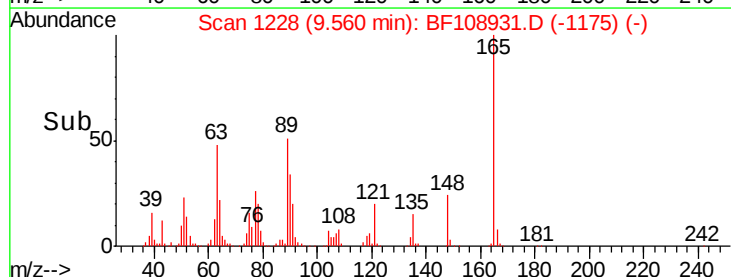
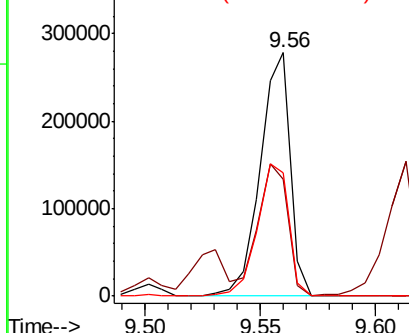


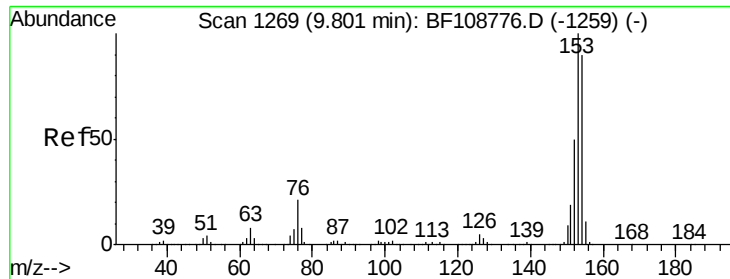
#50
2,6-Dinitrotoluene
Concen: 59.686 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:165 Resp: 252720
Ion Ratio Lower Upper
165 100
63 48.2 44.7 67.1
89 50.6 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: 49.857 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampled :

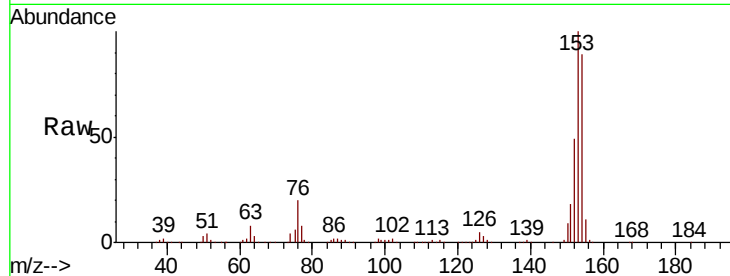
Tot Ion:154 Resp: 909675

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

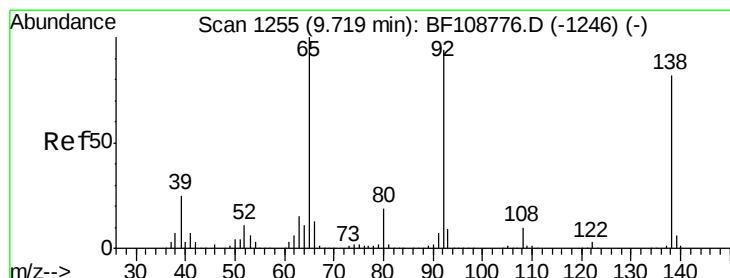
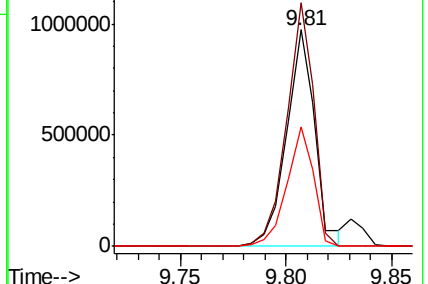
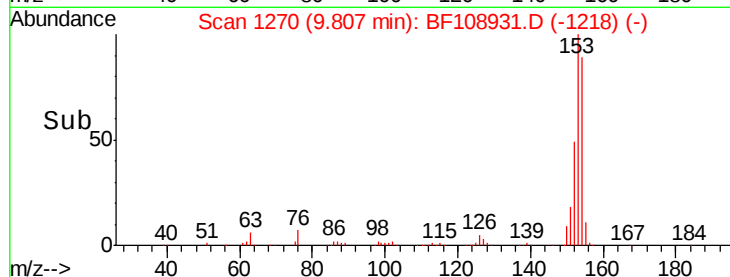
152 55.2 43.8 65.8



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: 45.423 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

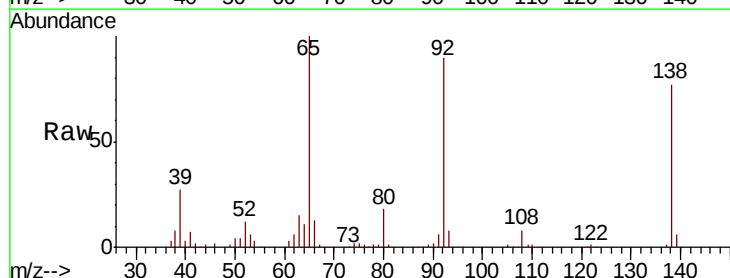
Tgt Ion:138 Resp: 228941

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

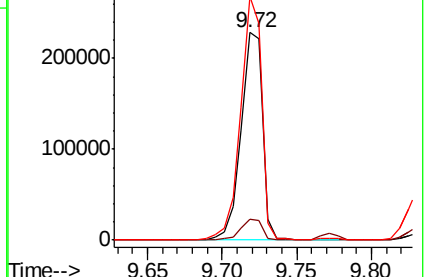
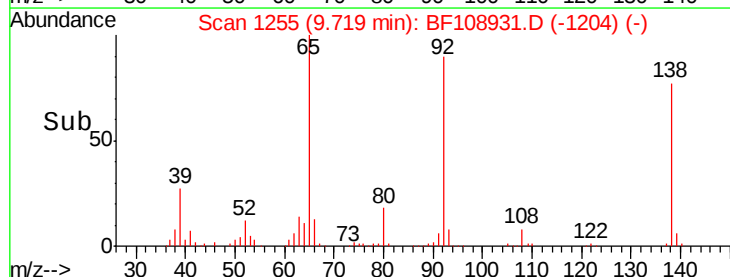
92 117.2 89.4 134.2

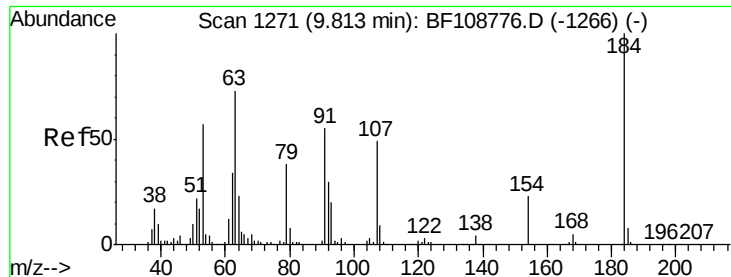


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

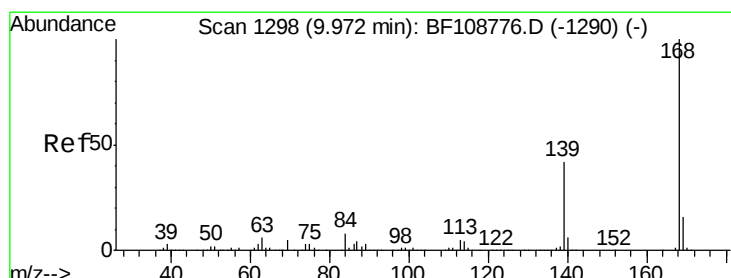
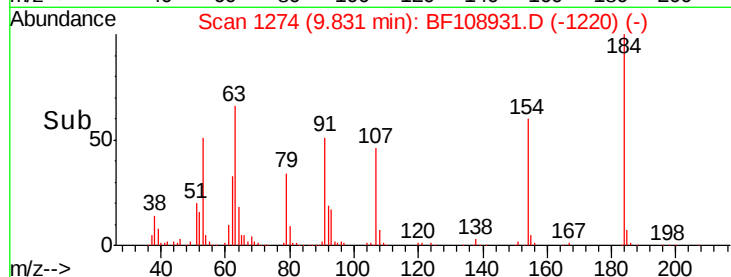
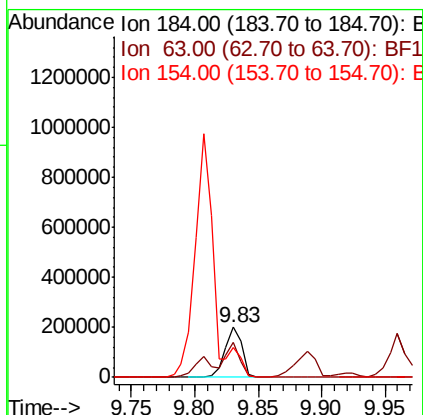
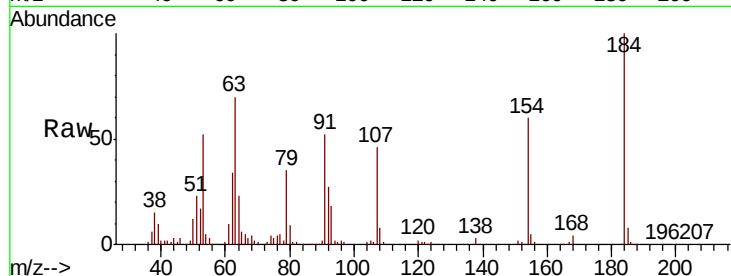




#53
 2,4-Dinitrophenol
 Concen: 116.395 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

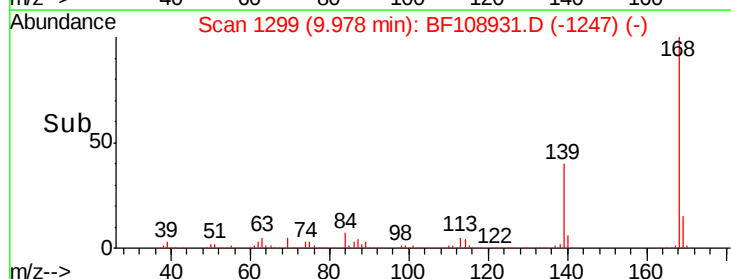
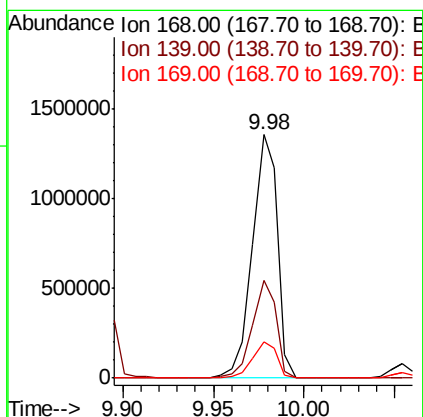
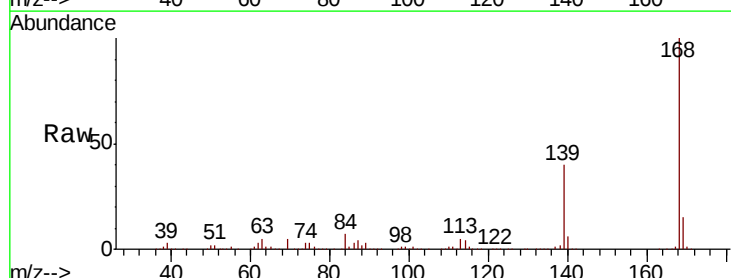
Instrument :
 BNA_F
 ClientSampled :

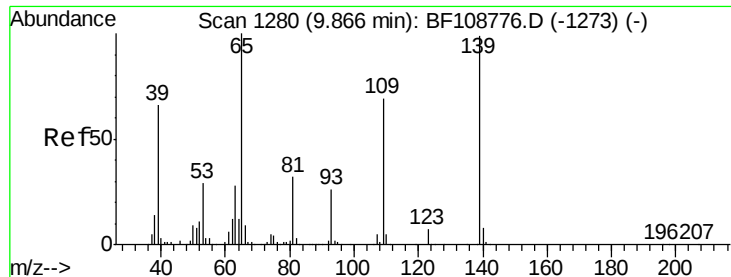
Tot Ion:184 Resp: 188485
 Ion Ratio Lower Upper
 184 100
 63 69.9 54.2 81.2
 154 60.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 48.828 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:168 Resp: 1298639
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 15.0 10.9 16.3





#55

4-Nitrophenol

Concen: 117.090 ng

RT: 9.89 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

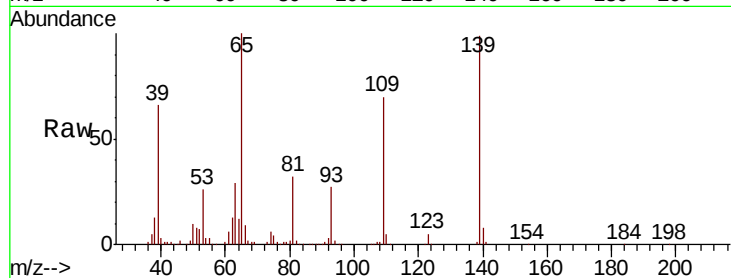
Tot Ion:139 Resp: 441191

Ion Ratio Lower Upper

139 100

109 70.5 48.4 88.4

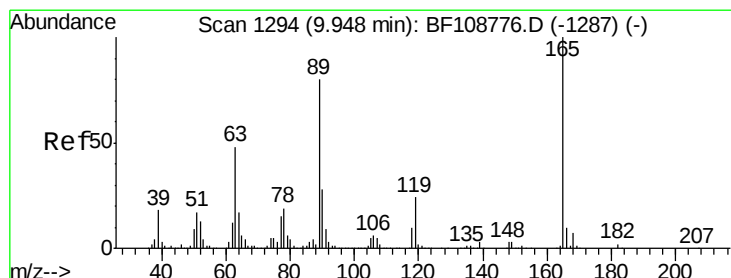
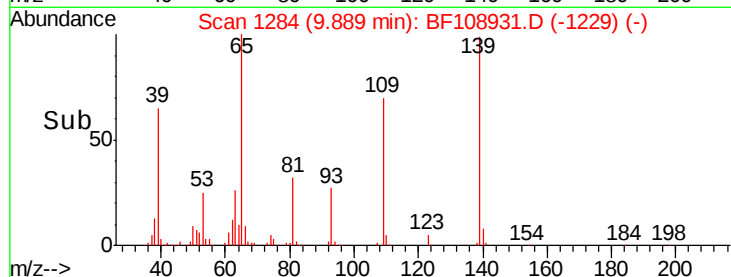
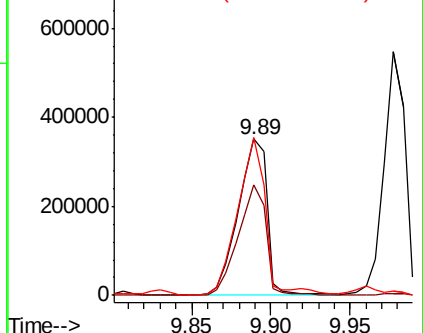
65 101.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 62.249 ng

RT: 9.96 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:165 Resp: 337070

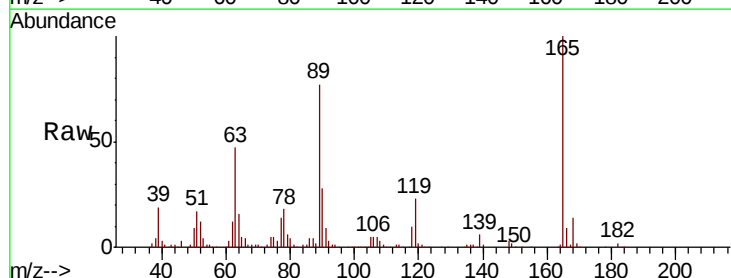
Ion Ratio Lower Upper

165 100

63 47.1 36.4 54.6

89 76.7 57.8 86.6

182 2.4 1.6 2.4#

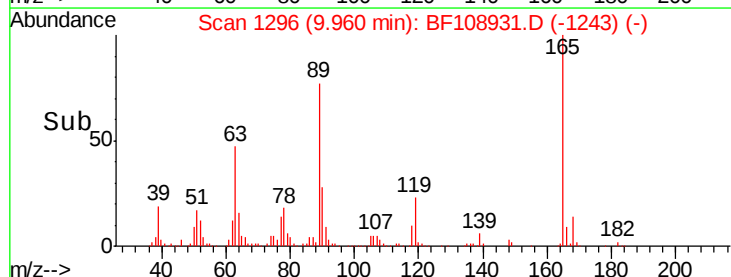
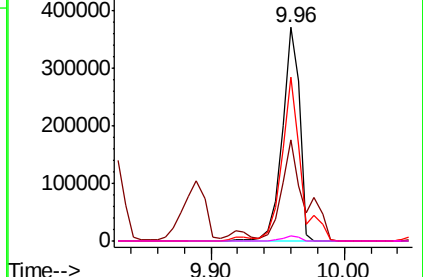


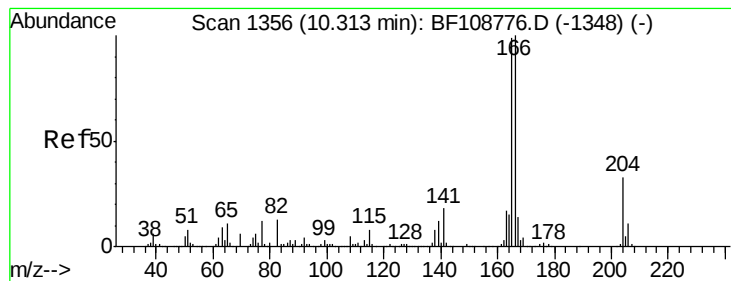
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 56.114 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

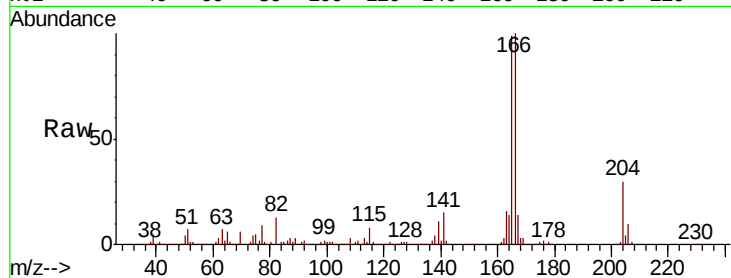
Tot Ion:166 Resp: 957750

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.8

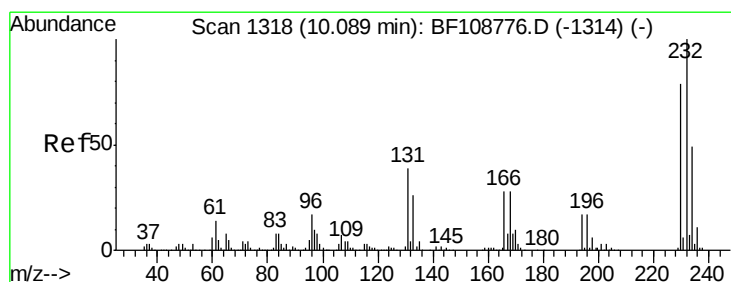
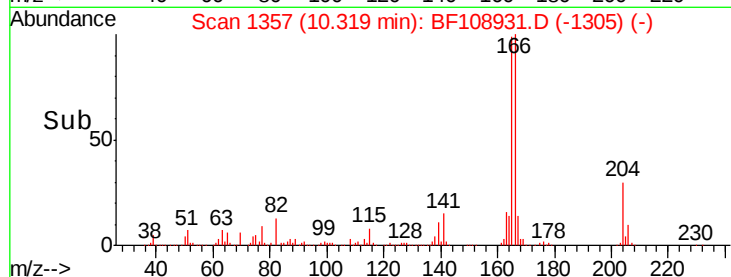
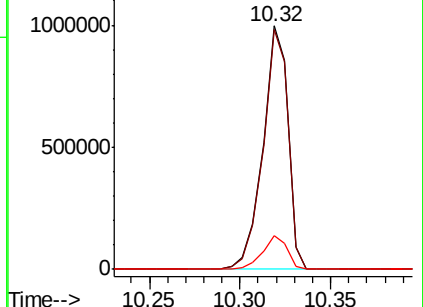
167 13.9 10.6 16.0



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: 54.781 ng

RT: 10.10 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:232 Resp: 296216

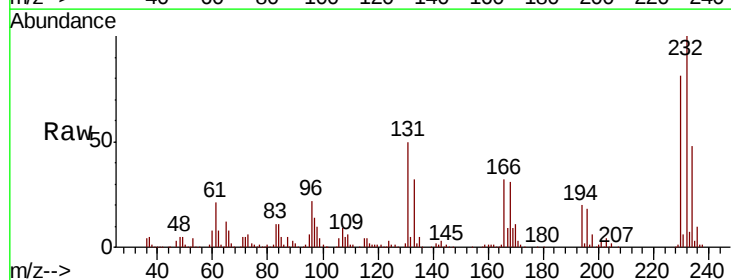
Ion Ratio Lower Upper

232 100

131 44.8 43.8 65.8

130 2.2 2.1 3.1

166 29.2 27.8 41.6

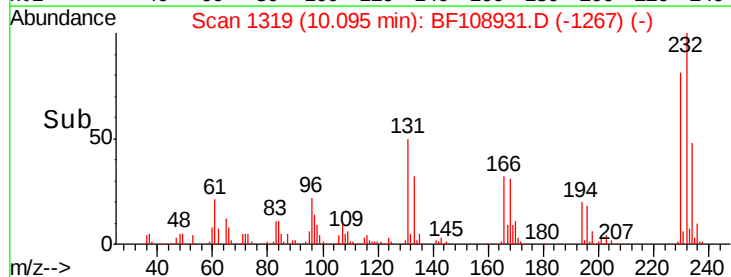
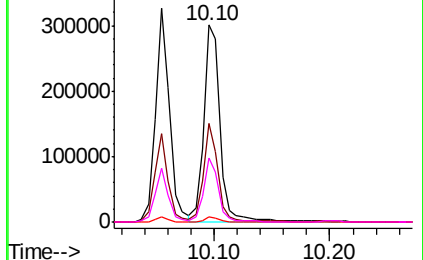


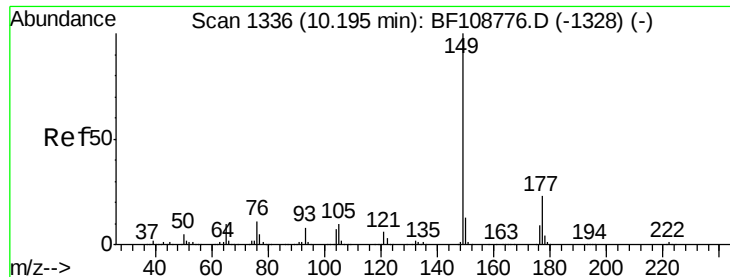
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.231 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

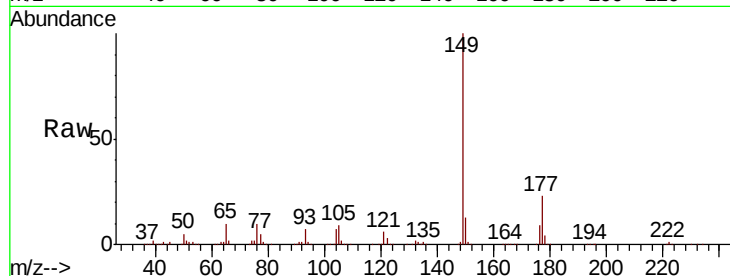
Tot Ion:149 Resp: 1105999

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

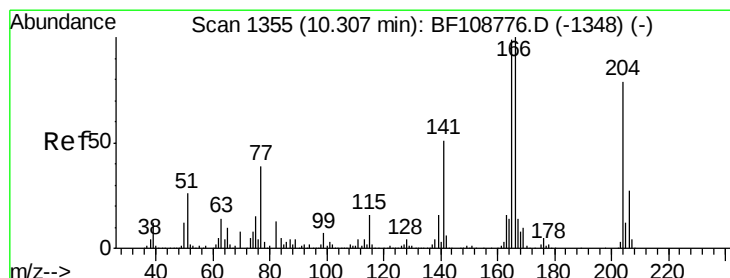
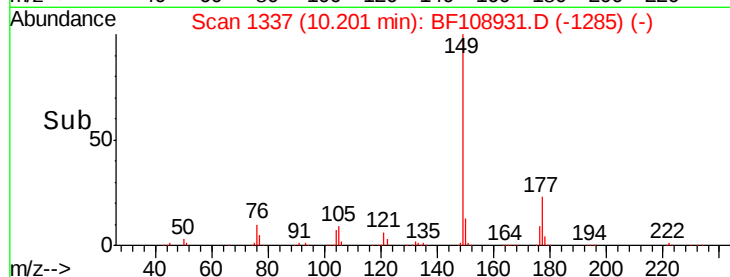
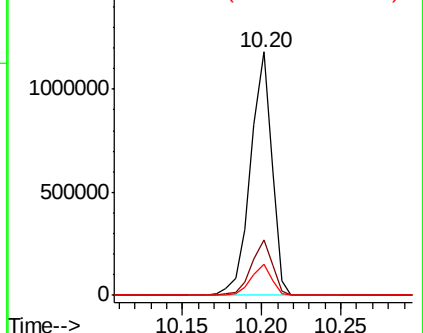
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.303 ng

RT: 10.31 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

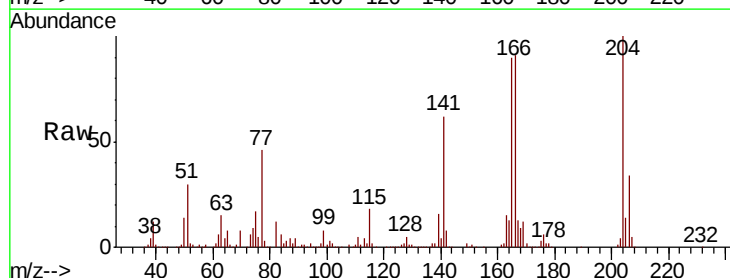
Tgt Ion:204 Resp: 458527

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

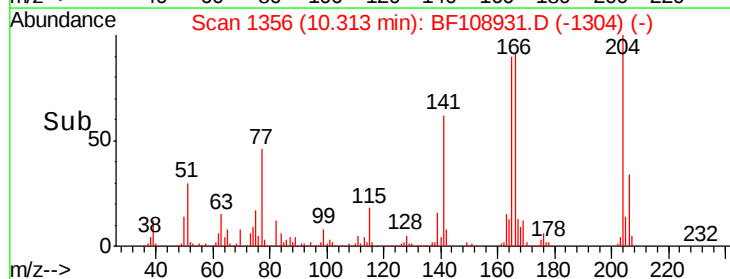
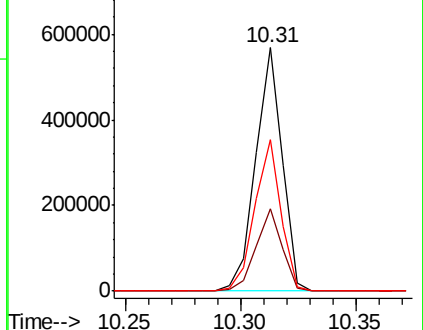
141 62.2 54.6 81.8

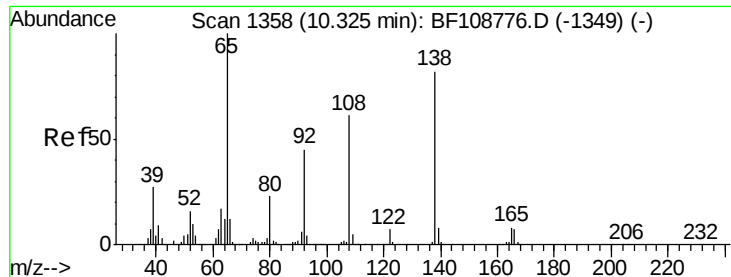


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

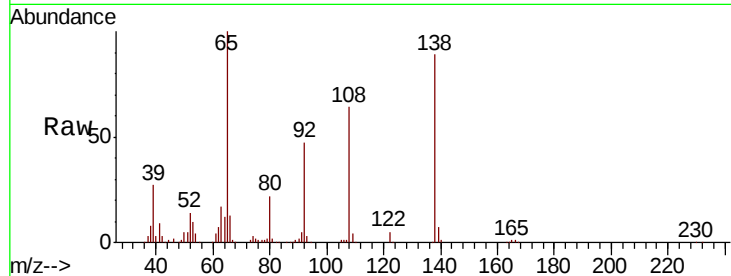




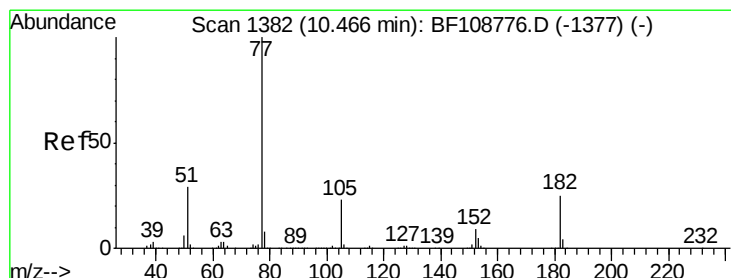
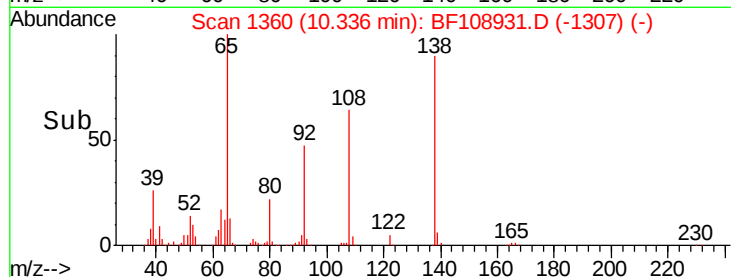
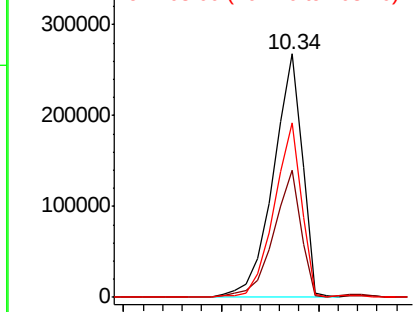
#61
4-Nitroaniline
Concen: 60.542 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 276437
Ion Ratio Lower Upper
138 100
92 52.4 30.2 70.2
108 71.4 52.5 92.5

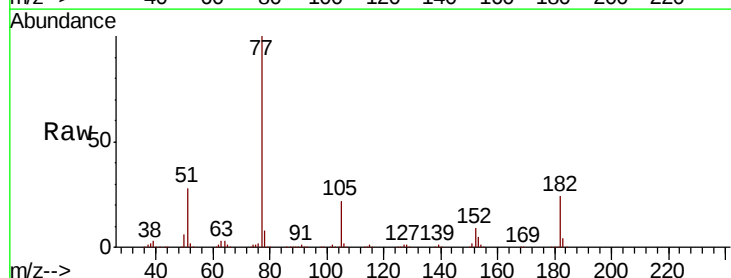


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

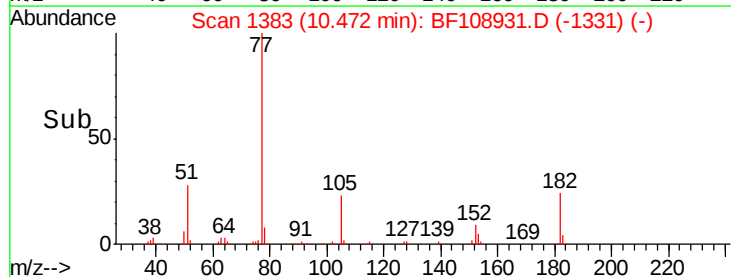
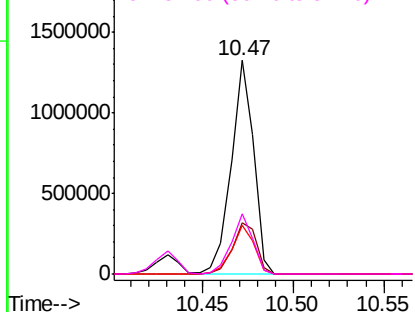


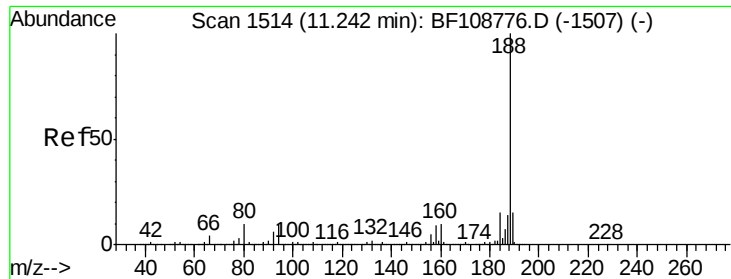
#62
Azobenzene
Concen: 48.277 ng
RT: 10.47 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion: 77 Resp: 1142729
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 22.5 3.0 43.0
51 28.3 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

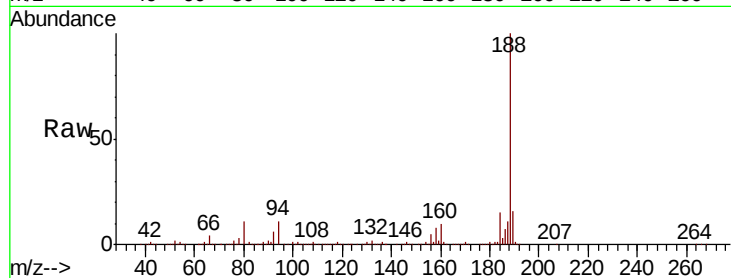




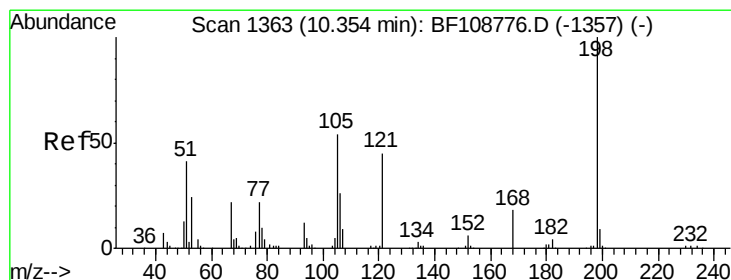
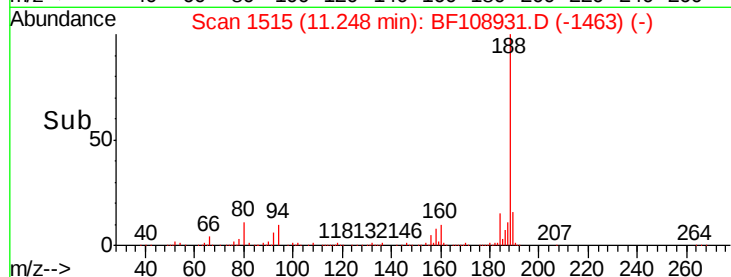
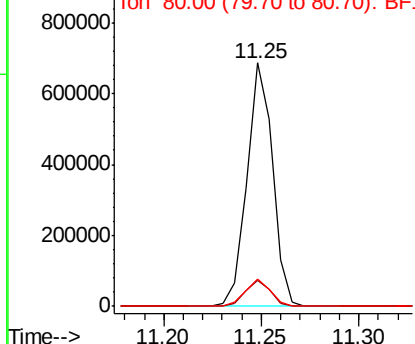
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 624245
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8

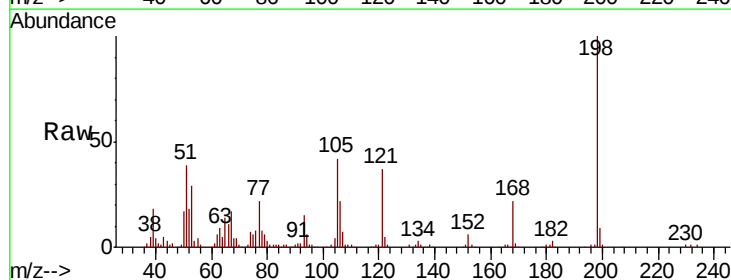


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

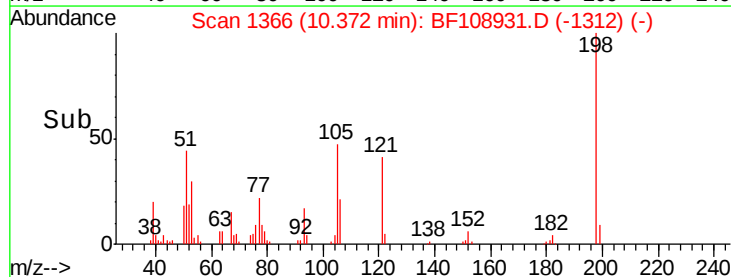
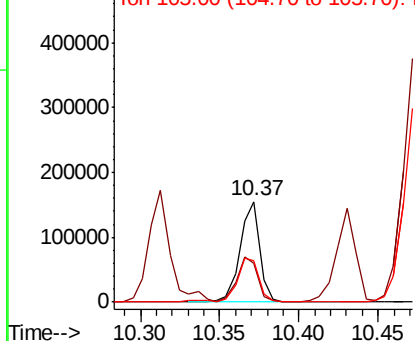


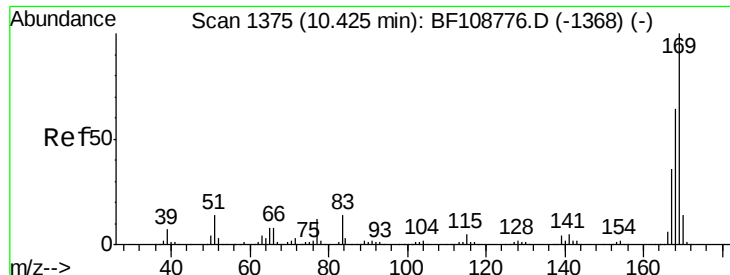
#64
4,6-Dinitro-2-methylphenol
Concen: 53.397 ng
RT: 10.37 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:198 Resp: 133294
Ion Ratio Lower Upper
198 100
51 38.7 37.7 77.7
105 41.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

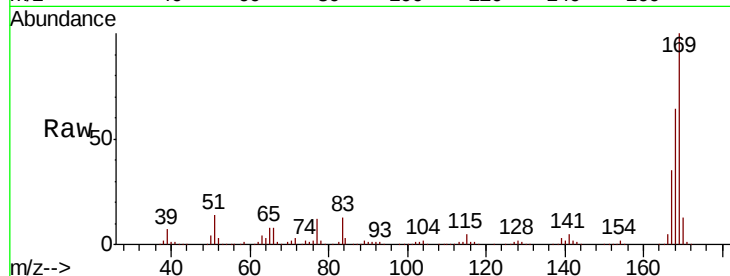




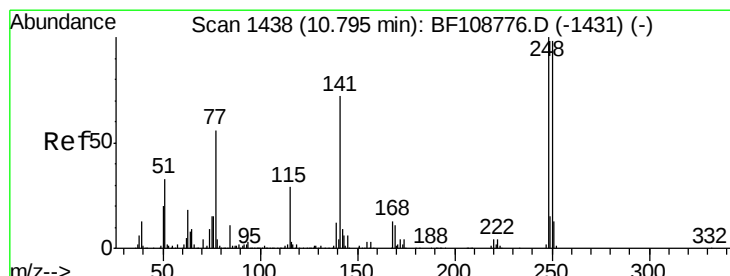
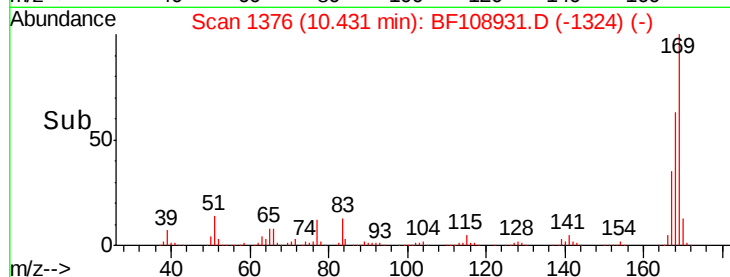
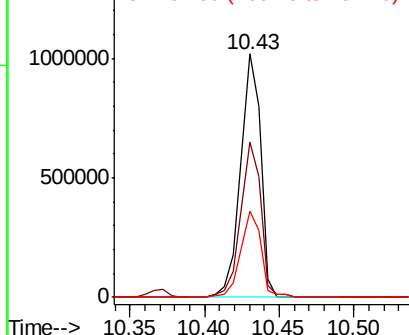
#65
 n-Nitrosodiphenylamine
 Concen: 46.089 ng
 RT: 10.43 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.6	54.4	81.6
167	35.4	29.8	44.6

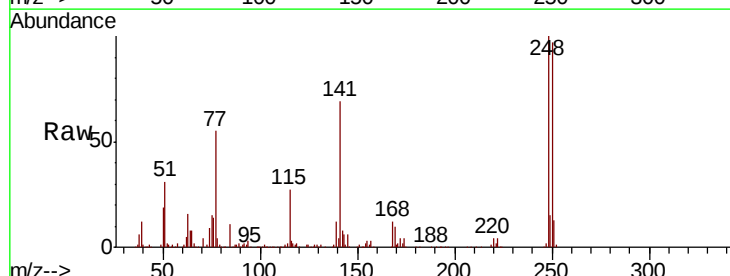


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

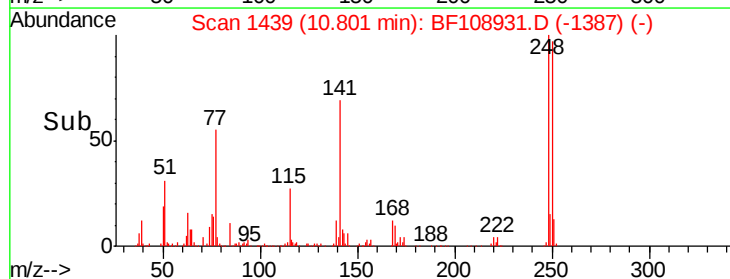
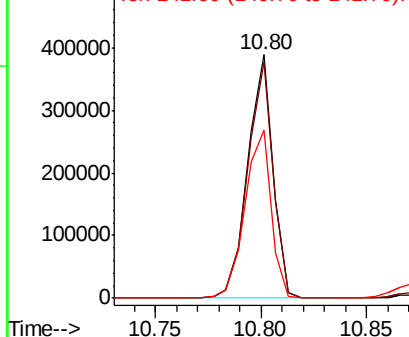


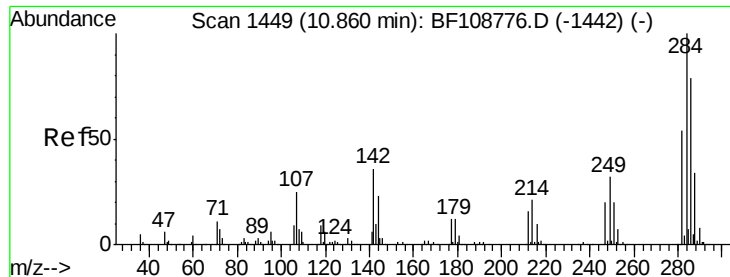
#66
 4-Bromophenyl-phenylether
 Concen: 46.050 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	69.1	74.4	111.6#



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

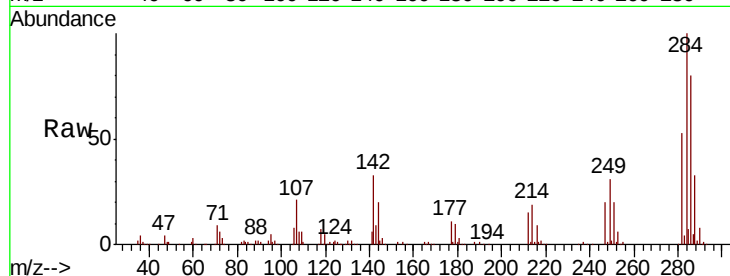




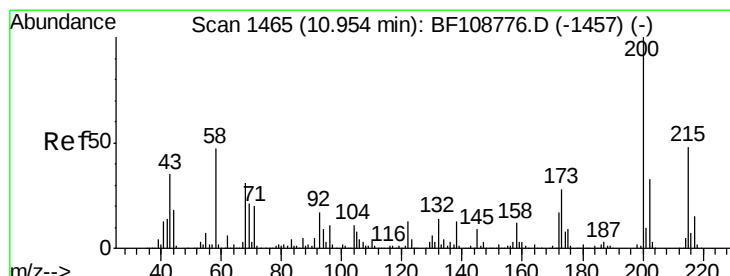
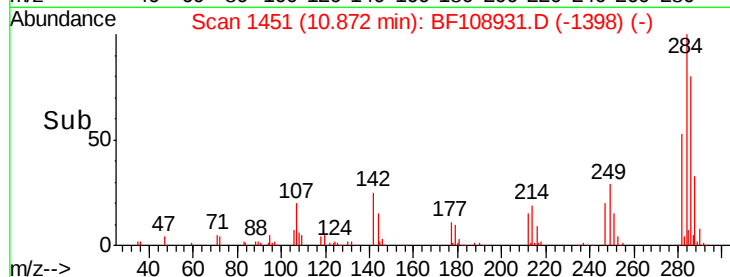
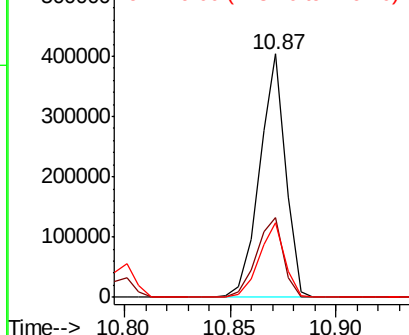
#67
Hexachlorobenzene
Concen: 45.607 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 343258
Ion Ratio Lower Upper
284 100
142 32.5 34.6 52.0#
249 30.9 24.8 37.2

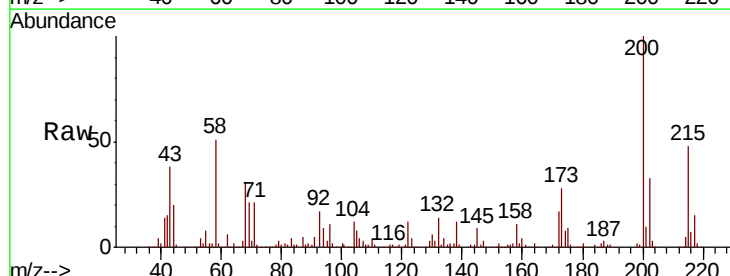


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

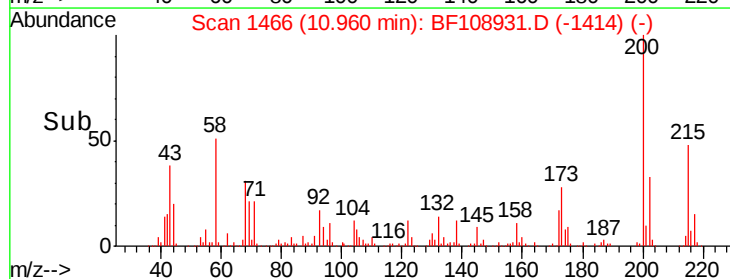
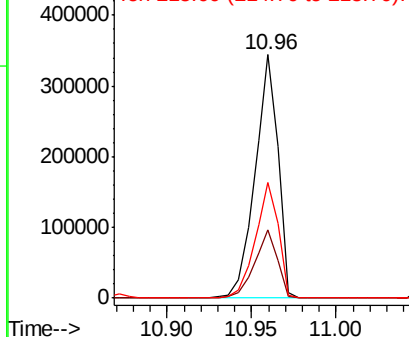


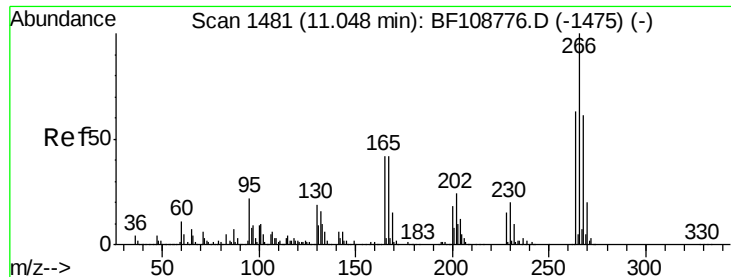
#68
Atrazine
Concen: 49.083 ng
RT: 10.96 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:200 Resp: 326119
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 47.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

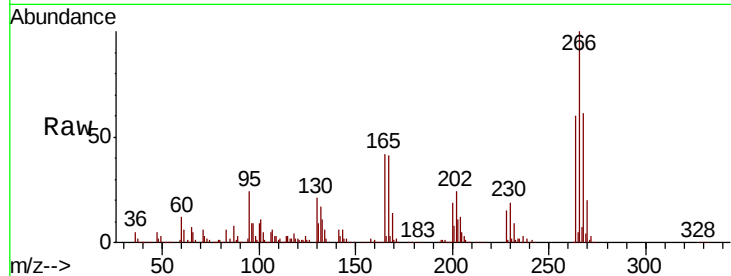




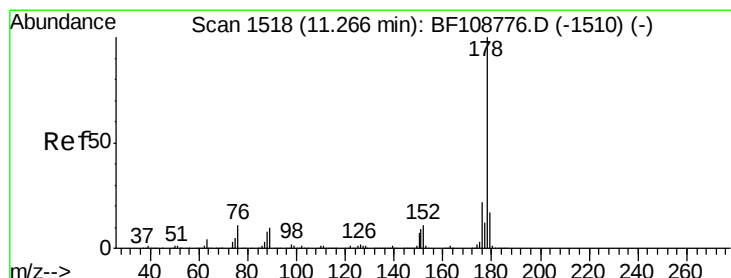
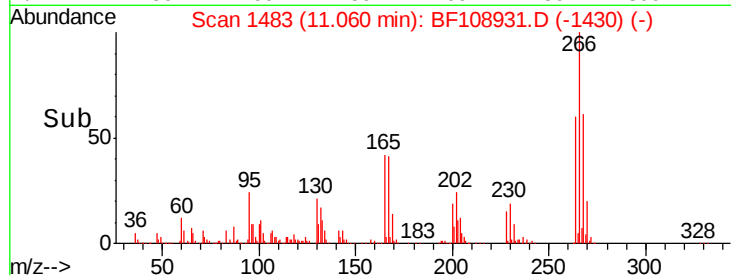
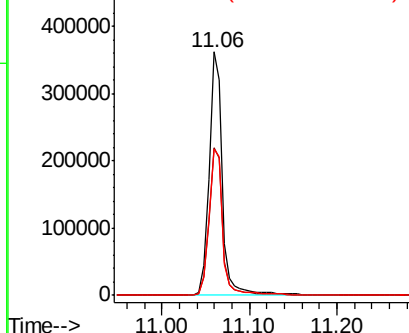
#69
 Pentachlorophenol
 Concen: 83.221 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 382941
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.1 76.7
 264 60.3 49.5 74.3

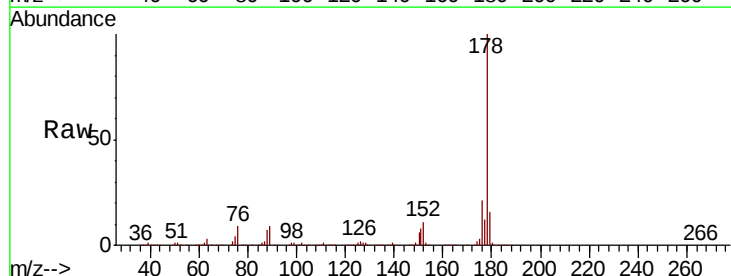


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

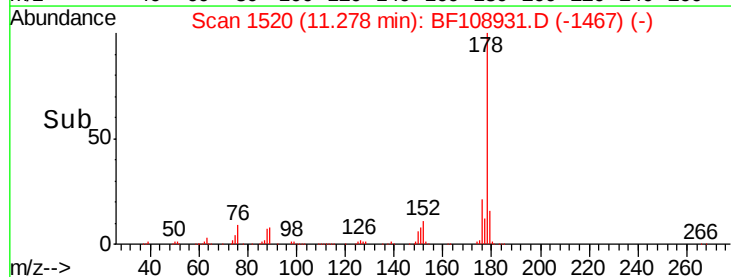
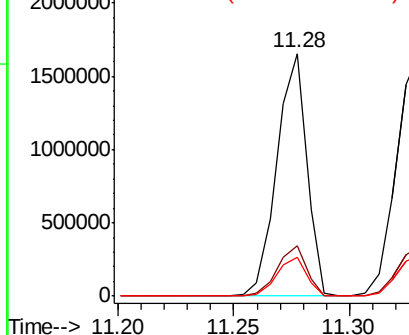


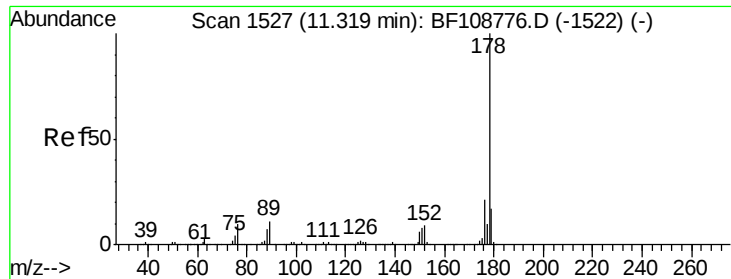
#70
 Phenanthrene
 Concen: 49.981 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:178 Resp: 1489968
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 16.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

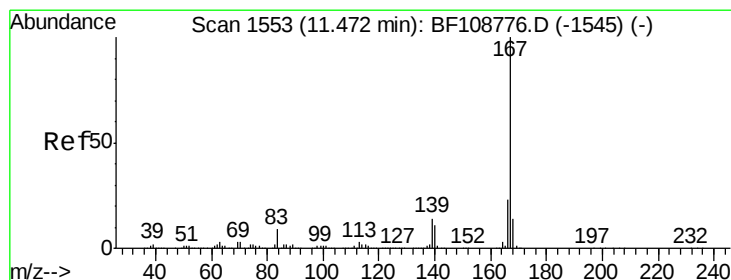
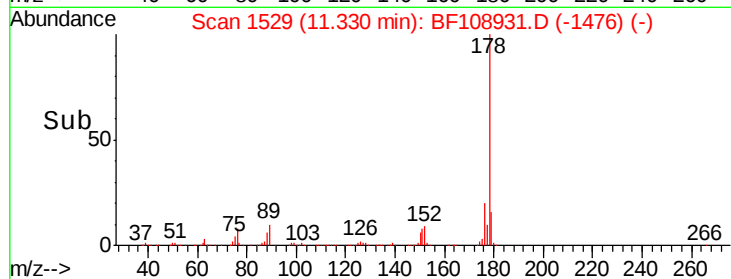
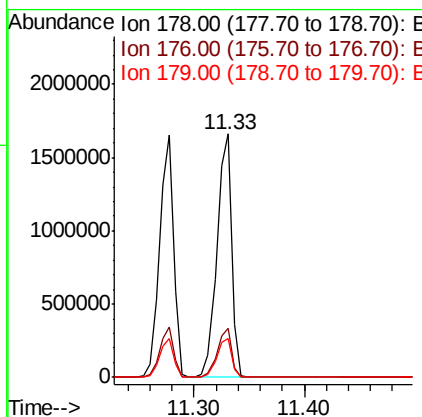
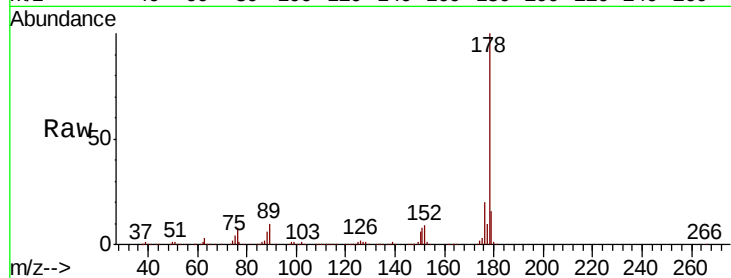




#71
 Anthracene
 Concen: 53.566 ng
 RT: 11.33 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

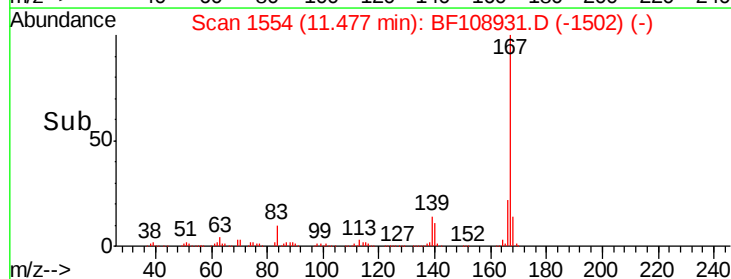
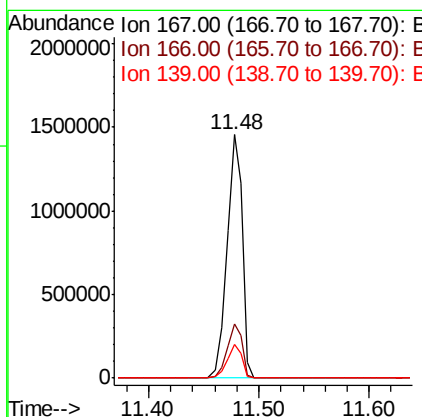
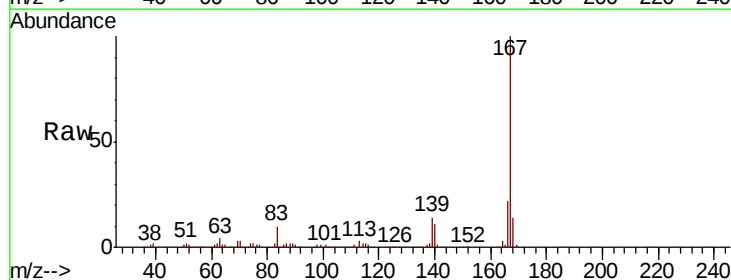
Instrument :
 BNA_F
 ClientSampleId :

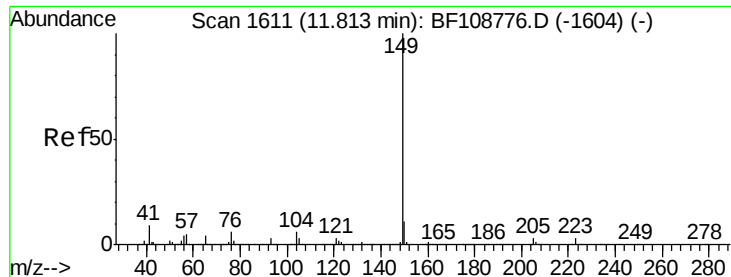
Tot Ion:178 Resp: 1528872
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 46.797 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:167 Resp: 1406641
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 10.9 16.3

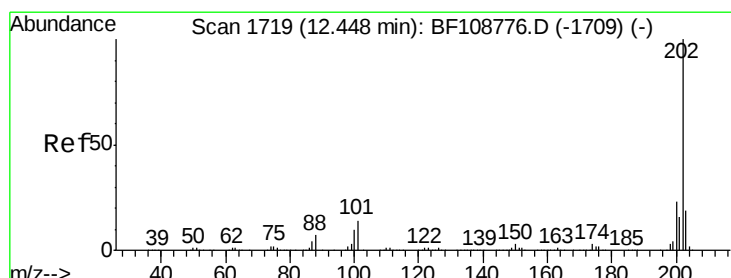
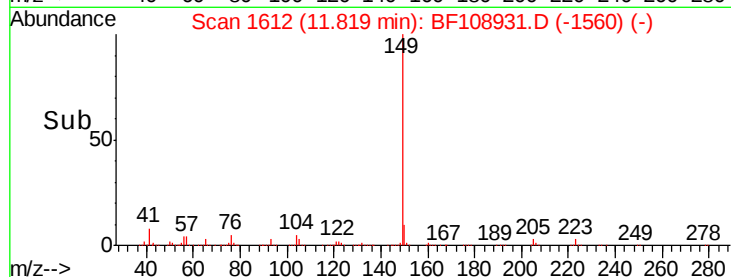
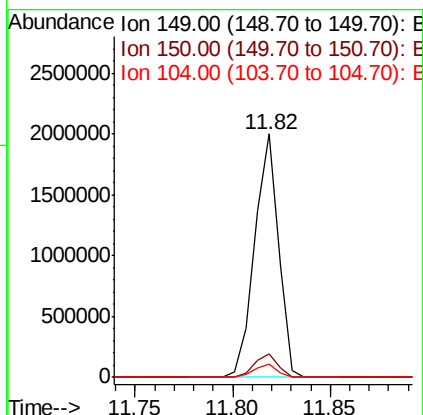
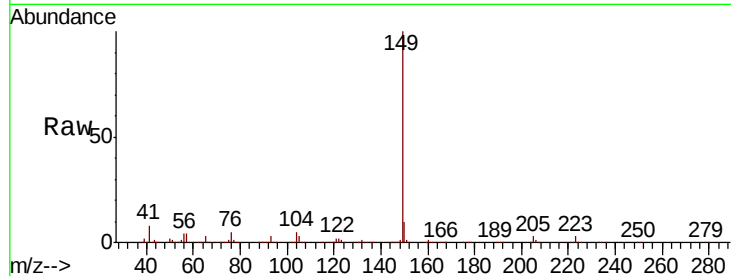




#73
Di-n-butylphthalate
Concen: 50.608 ng
RT: 11.82 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

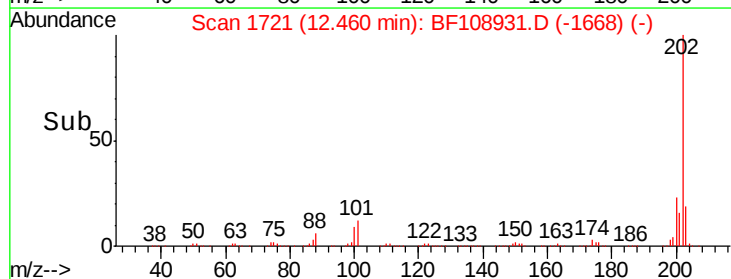
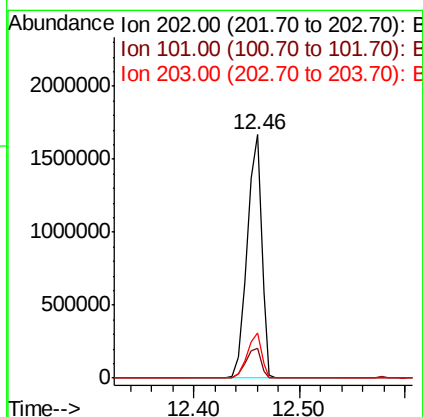
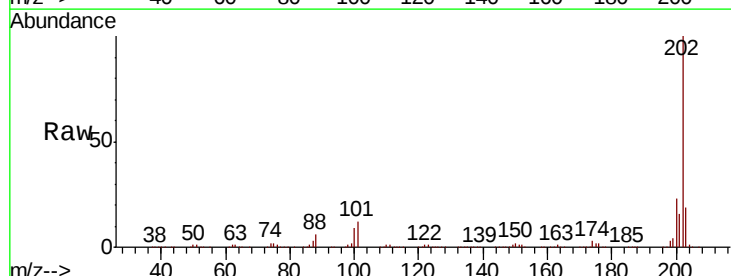
Instrument :
BNA_F
ClientSampleId :

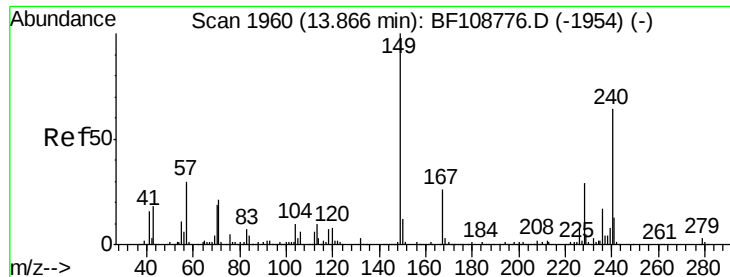
Tot Ion:149 Resp: 1689277
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 53.681 ng
RT: 12.46 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:202 Resp: 1584397
Ion Ratio Lower Upper
202 100
101 12.2 0.0 34.1
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1963

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

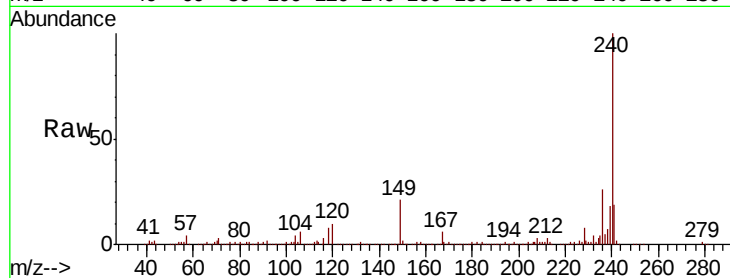
Tot Ion:240 Resp: 442622

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

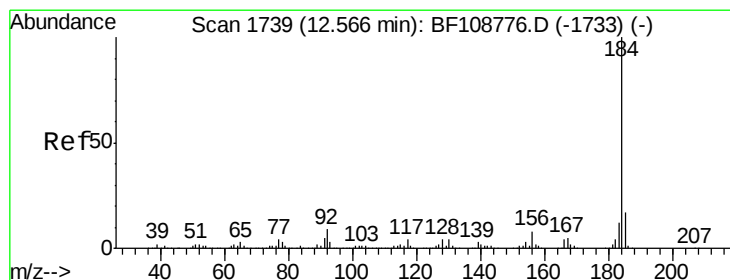
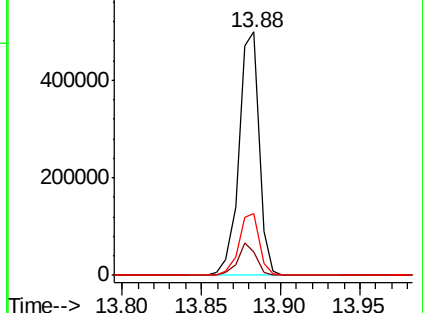
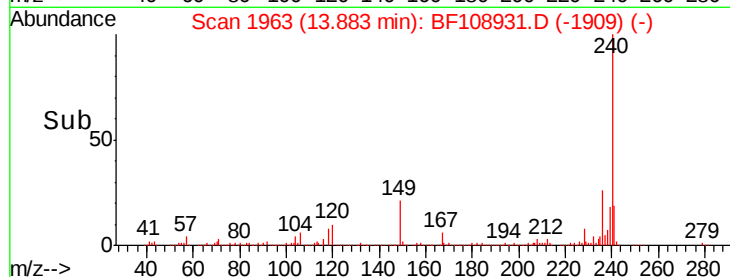
236 25.6 20.7 31.1



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: 44.852 ng

RT: 12.58 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

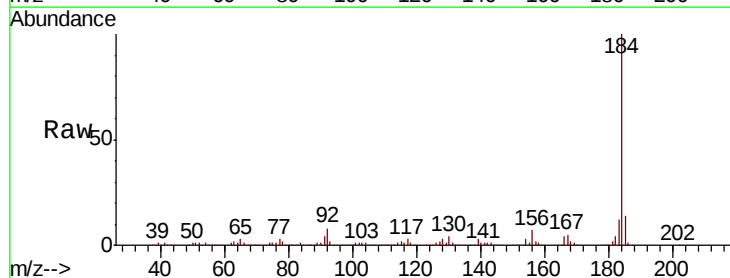
Tgt Ion:184 Resp: 940922

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

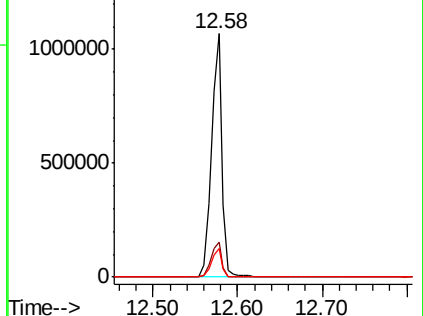
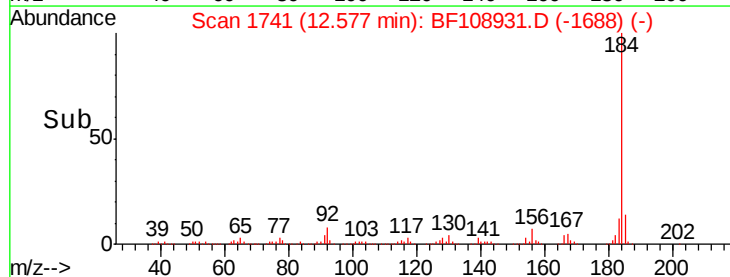
183 11.7 9.3 13.9

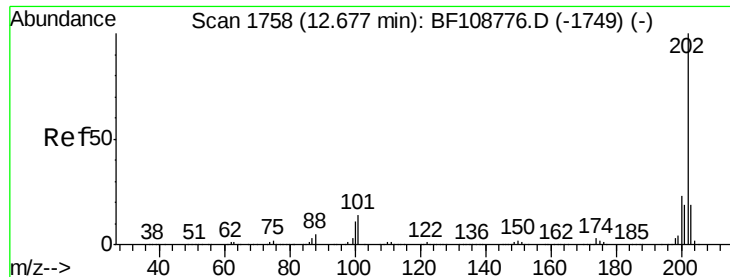


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

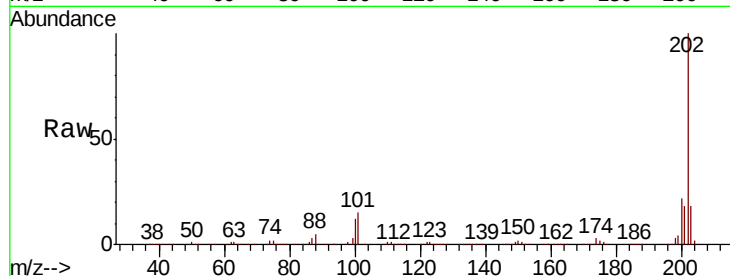




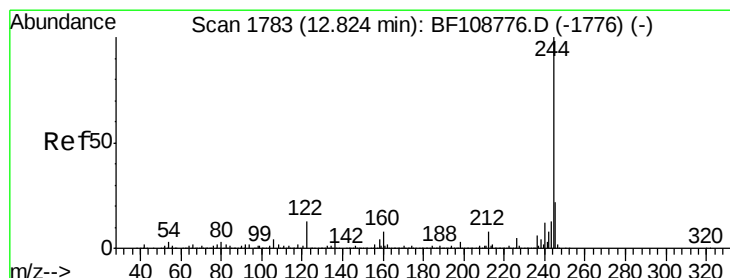
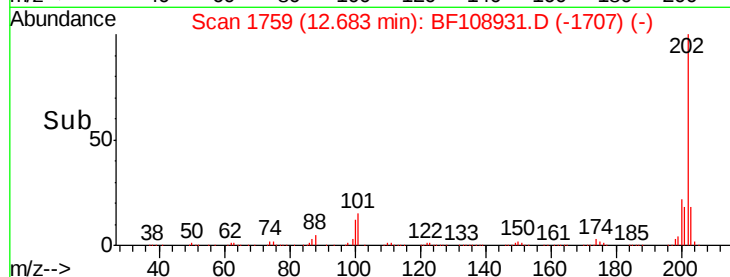
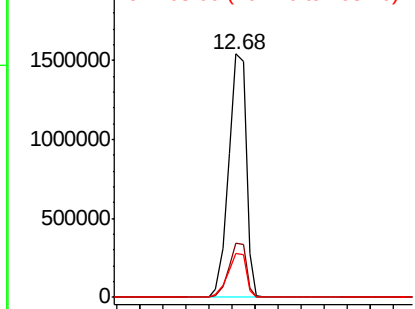
#77
Pvrene
Concen: 47.778 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1627283
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.2 14.3 21.5

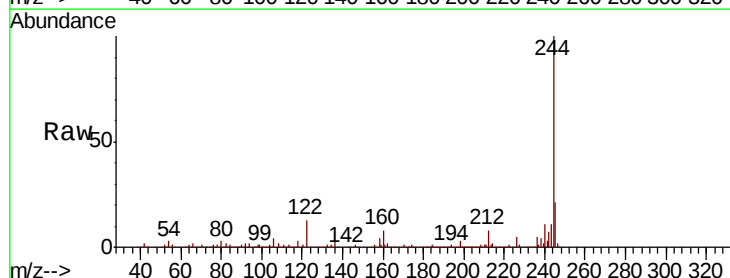


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

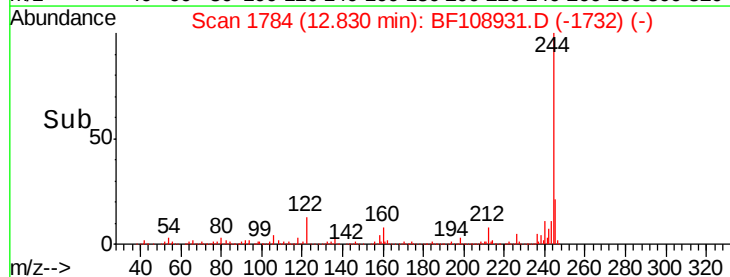
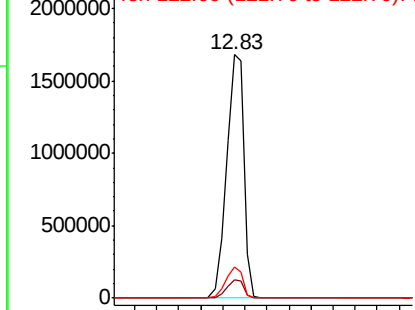


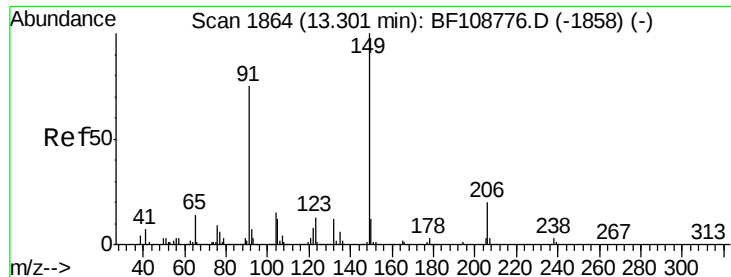
#78
Terphenyl-d14
Concen: 97.046 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:244 Resp: 1842049
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.0
122 12.8 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

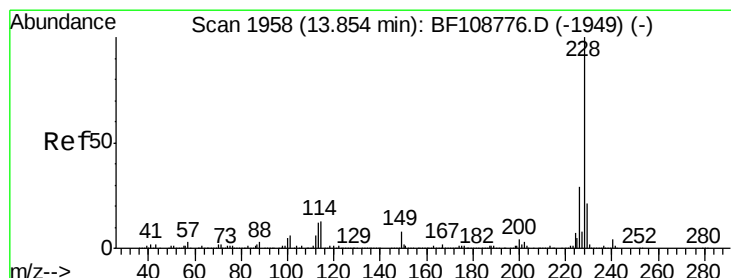
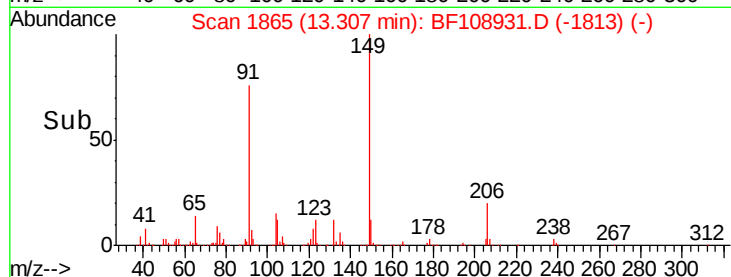
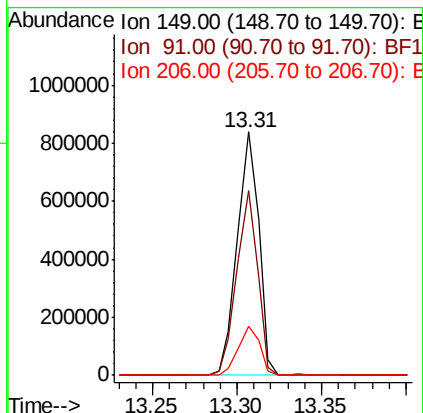
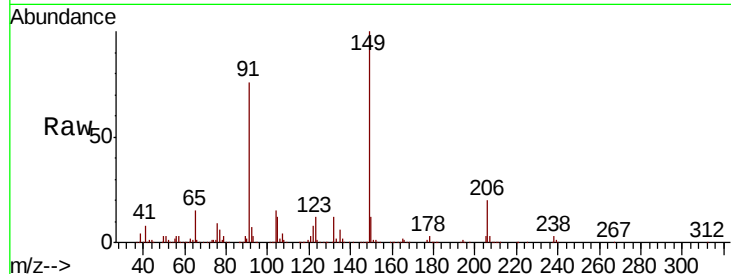




#79
Butylbenzylphthalate
Concen: 48.586 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

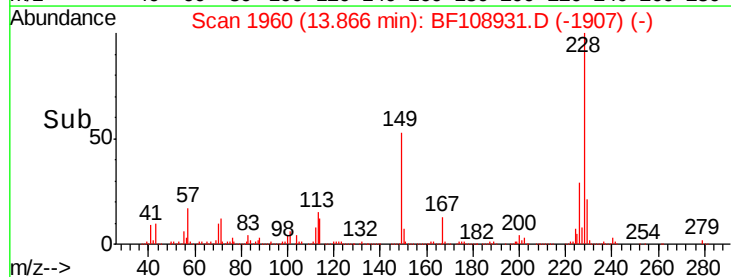
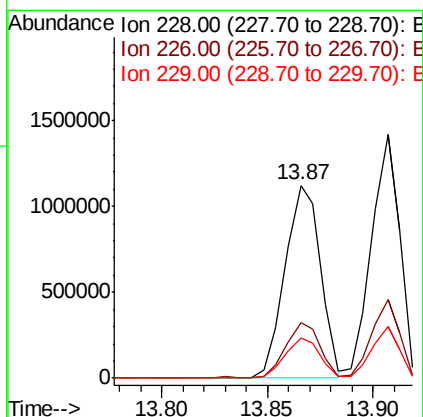
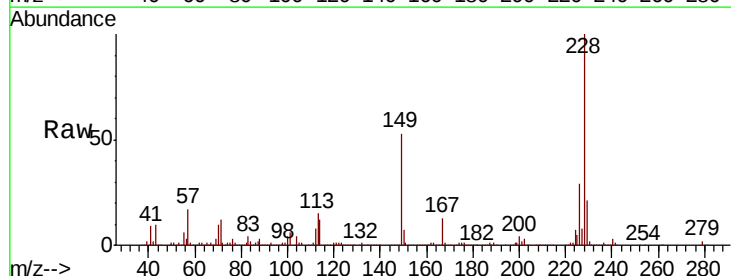
Instrument :
BNA_F
ClientSampleID :

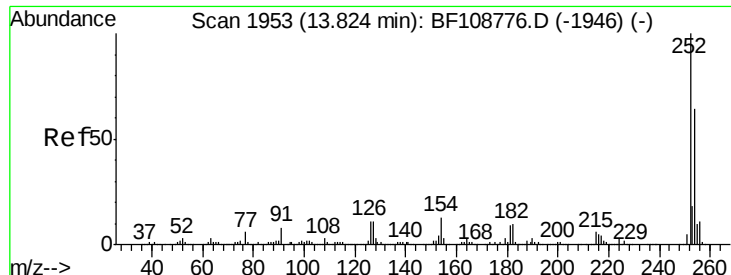
Tot Ion:149 Resp: 745203
Ion Ratio Lower Upper
149 100
91 76.0 56.8 85.2
206 20.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.291 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:228 Resp: 1313319
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.6 15.8 23.6

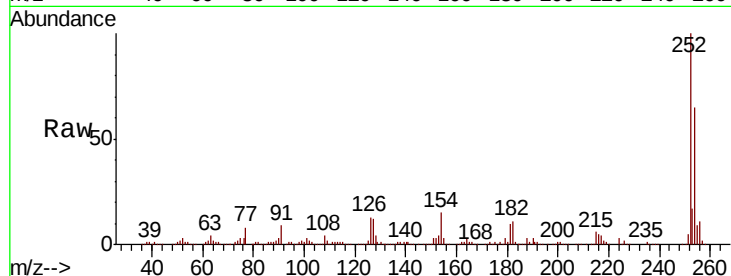




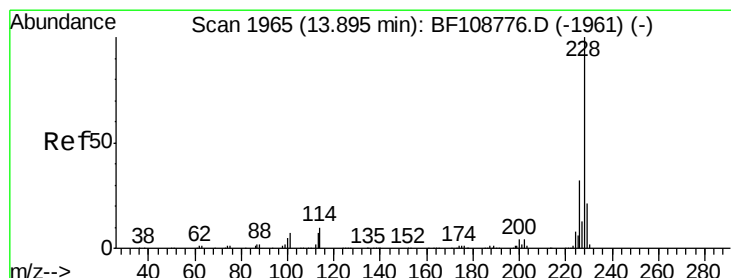
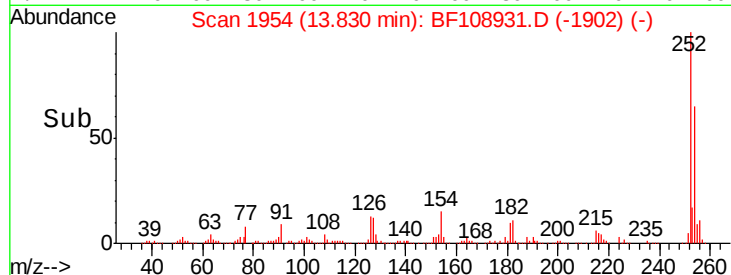
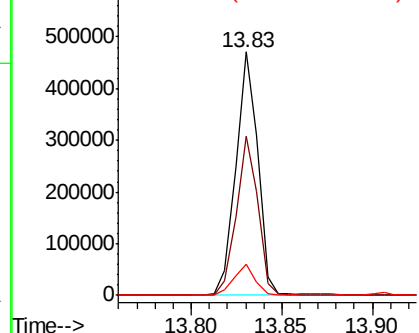
#81
 3,3'-Dichlorobenzidine
 Concen: 35.950 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	12.5	11.3	16.9

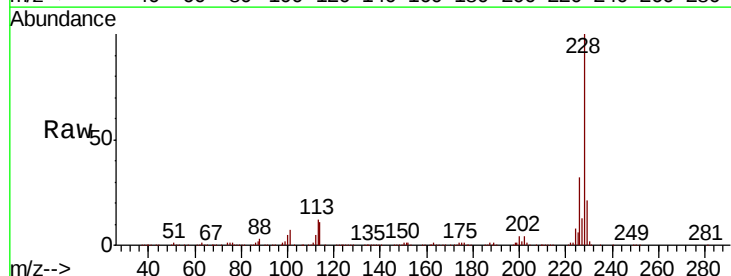


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

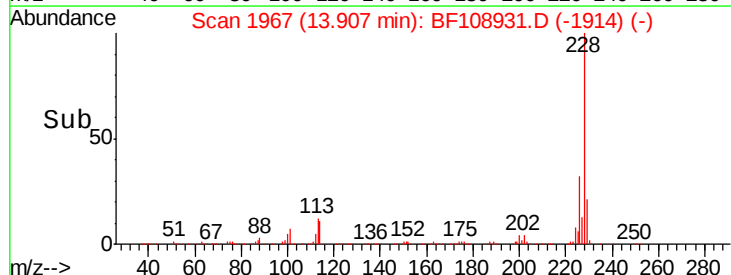
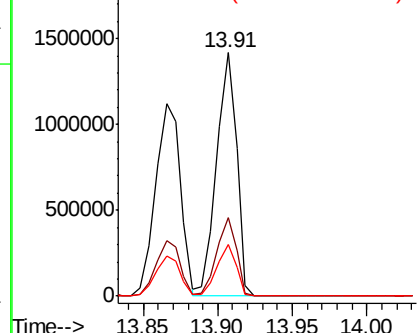


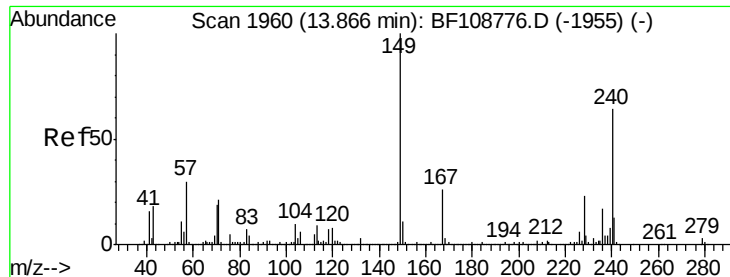
#82
 Chrysene
 Concen: 48.550 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	21.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

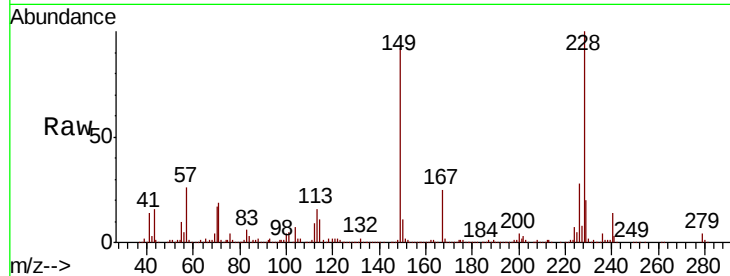




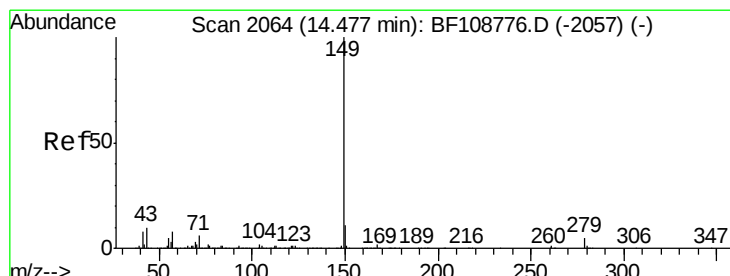
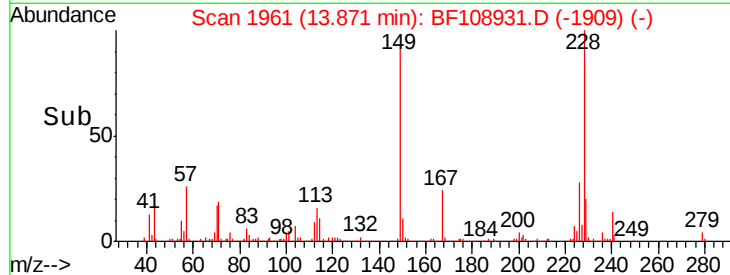
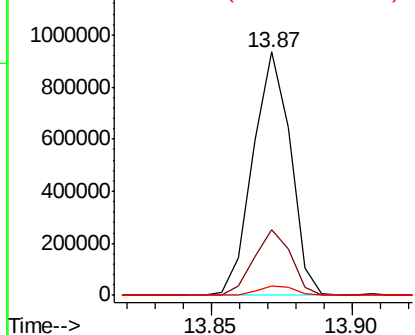
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.830 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 864099
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.9 3.0 4.4

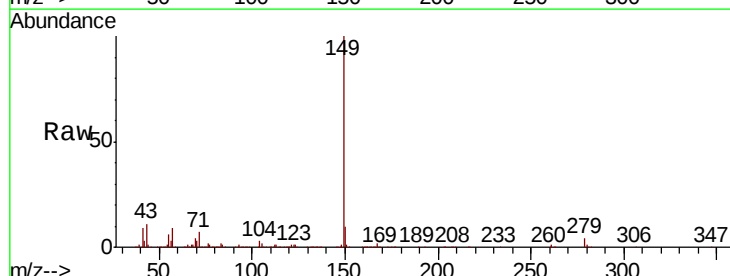


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

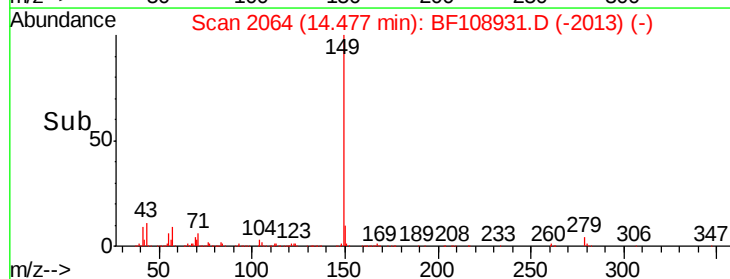
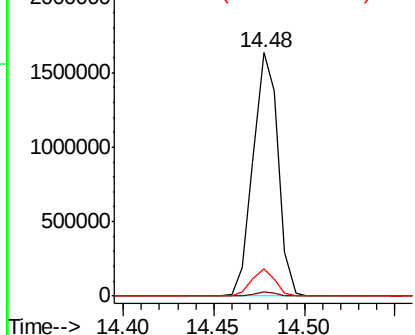


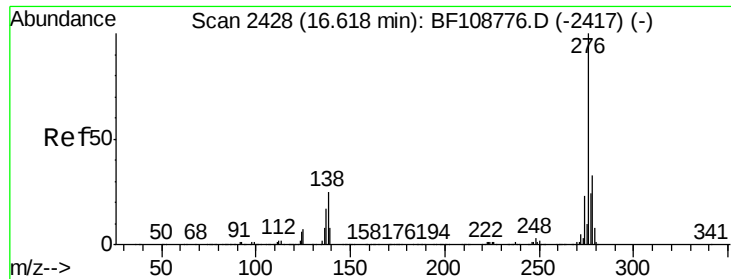
#84
 Di-n-octyl phthalate
 Concen: 48.755 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:149 Resp: 1566728
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.4 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

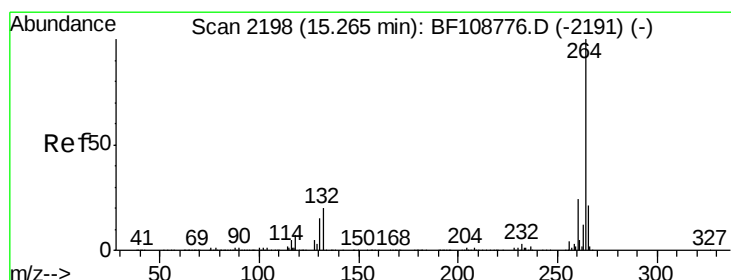
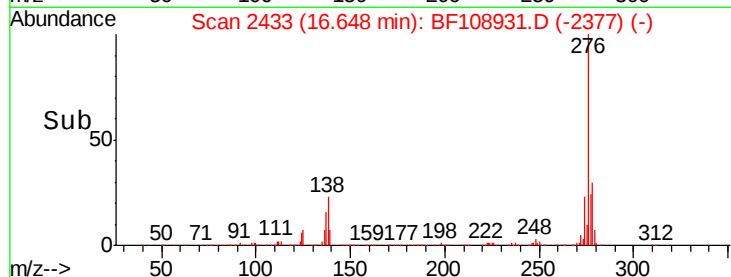
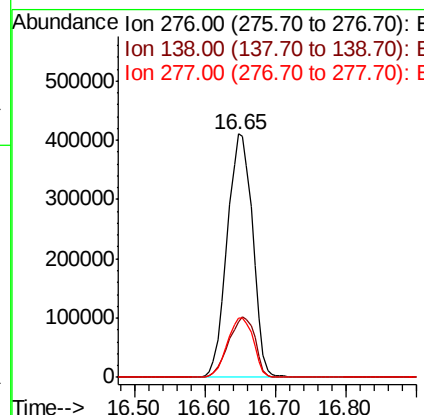
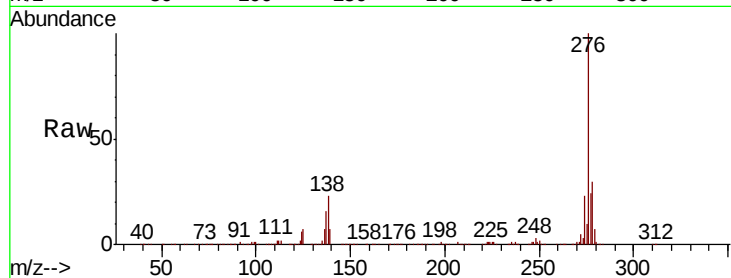




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.303 ng
 RT: 16.65 min Scan# 2433
 Delta R.T. 0.03 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

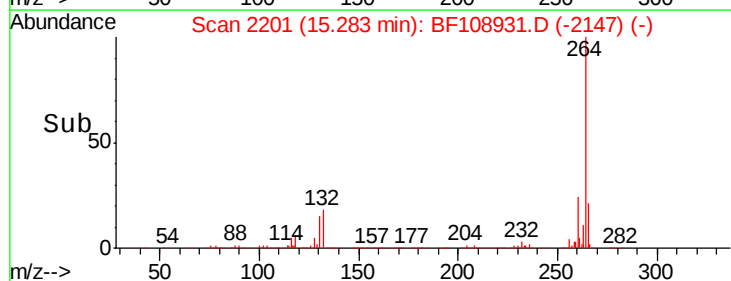
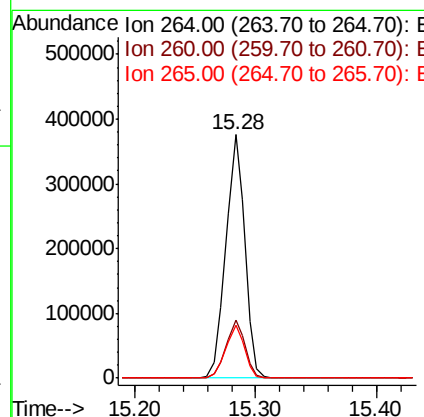
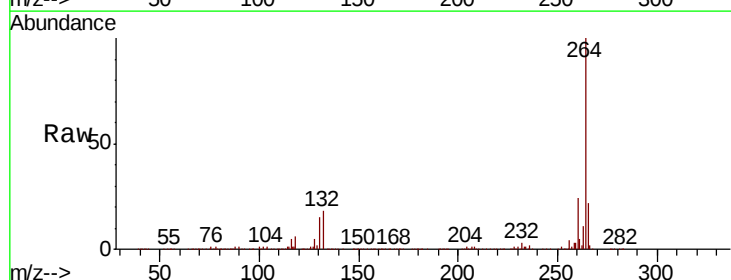
Instrument :
 BNA_F
 ClientSampleId :

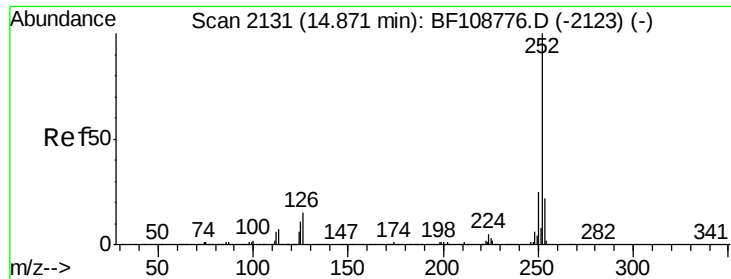
Tot Ion:276 Resp: 1028233
 Ion Ratio Lower Upper
 276 100
 138 26.1 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Tgt Ion:264 Resp: 406385
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 17.5 26.3

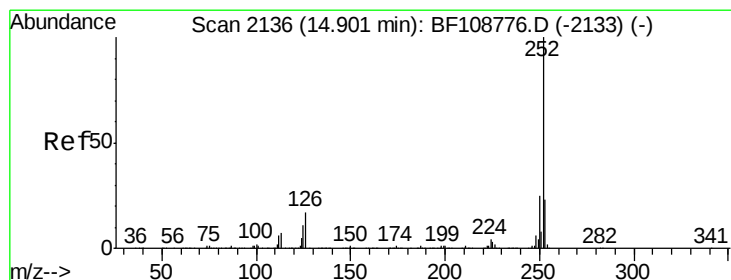
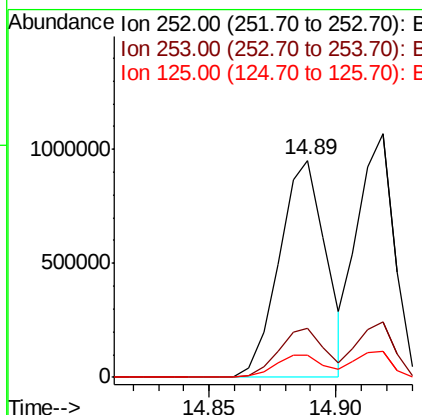
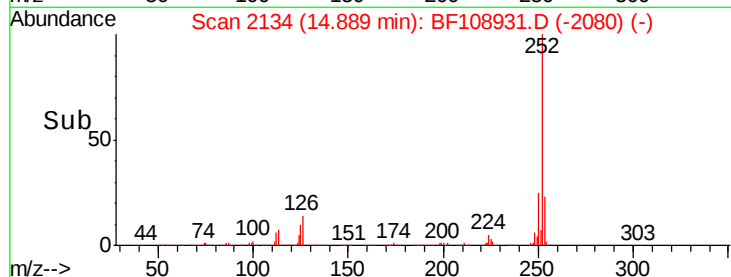
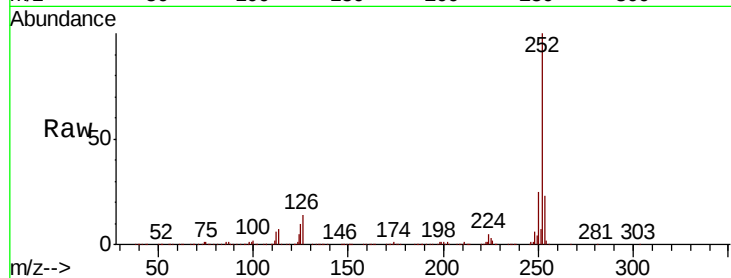




#87
Benzo(b)fluoranthene
Concen: 55.249 ng
RT: 14.89 min Scan# 2134
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

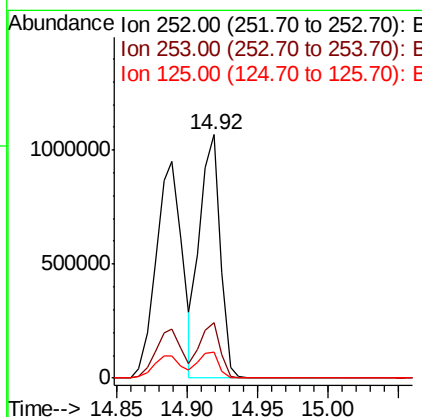
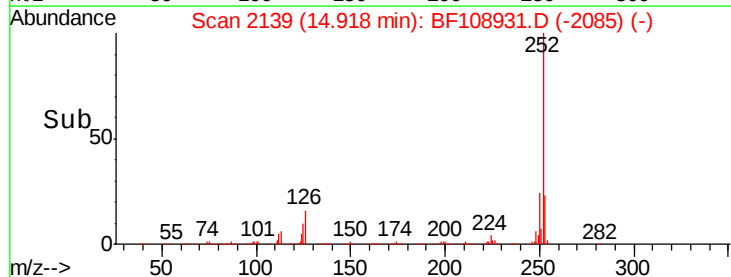
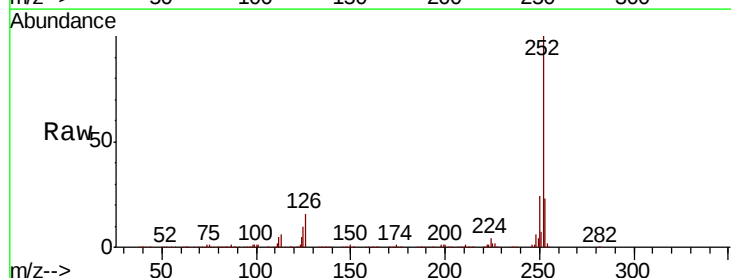
Instrument :
BNA_F
ClientSampleId :

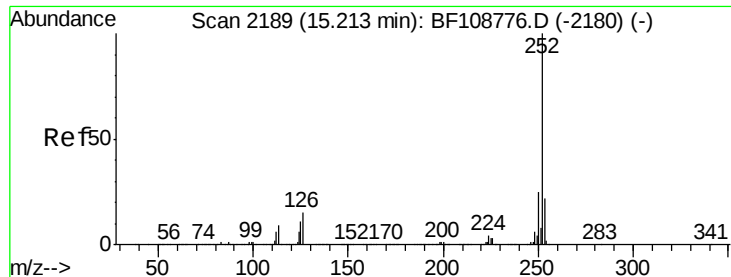
Tot Ion:252 Resp: 1220867
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 53.002 ng
RT: 14.92 min Scan# 2139
Delta R.T. 0.02 min
Lab File: BF108931.D
Acq: 11 Sep 2018 13:23

Tgt Ion:252 Resp: 1078567
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 53.643 ng

RT: 15.23 min Scan# 2192

Delta R.T. 0.02 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

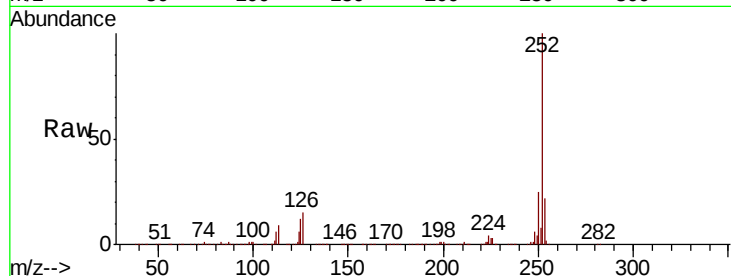
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 1069579

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.0	9.8	14.6

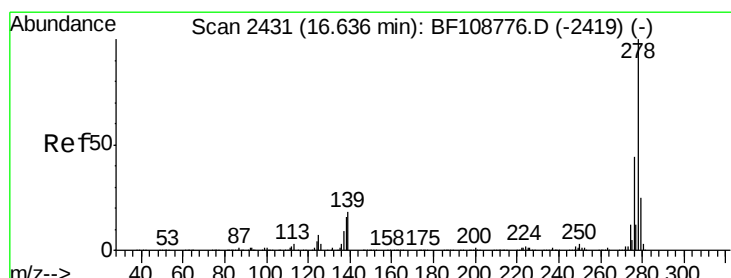
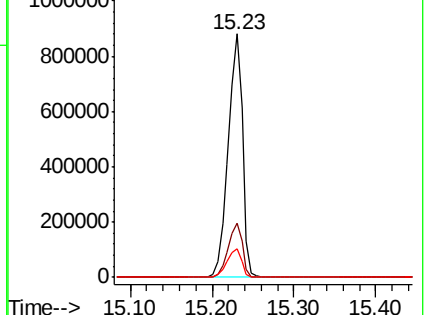
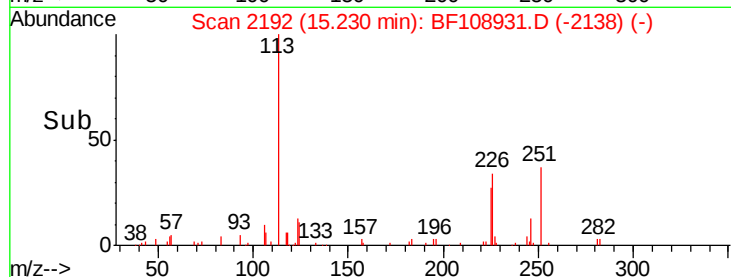


Abundance

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



#90

Dibenzo(a,h)anthracene

Concen: 47.986 ng

RT: 16.67 min Scan# 2436

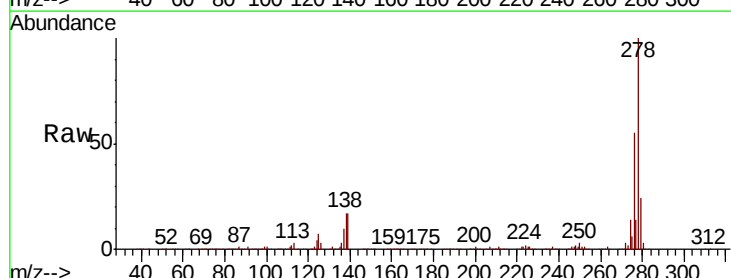
Delta R.T. 0.03 min

Lab File: BF108931.D

Acq: 11 Sep 2018 13:23

Tgt Ion:278 Resp: 843070

Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	24.1	19.0	28.4

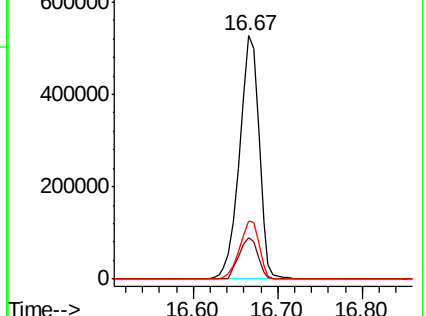
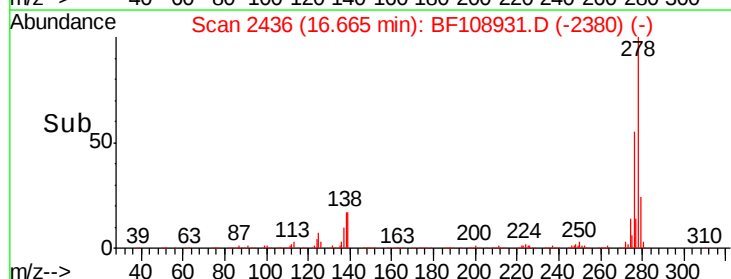


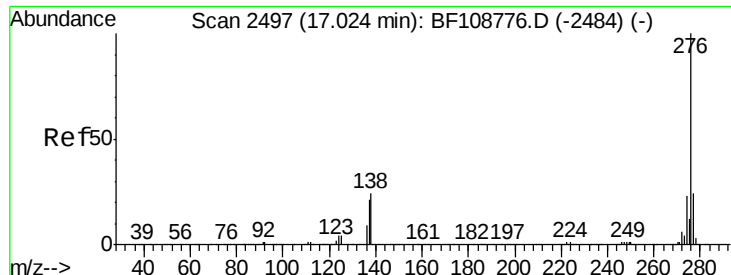
Abundance

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





#91
 Benzo(a,h,i)perylene
 Concen: 50.013 ng
 RT: 17.07 min Scan# 2504
 Delta R.T. 0.04 min
 Lab File: BF108931.D
 Acq: 11 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 879780
 Ion Ratio Lower Upper
 276 100
 277 23.4 17.9 26.9
 138 21.5 21.8 32.8#

