

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118406.D
 Acq On : 31 Dec 2019 15:37
 Operator : JU
 Sample : K6465-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 01 00:33:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	81799	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	323041	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	193046	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	328586	20.00	ng	0.00
76) Chrysene-d12	14.06	240	233655	20.00	ng	0.00
87) Perylene-d12	15.55	264	244638	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	534906	111.62	ng	0.02
7) Phenol-d6	6.50	99	706402	118.83	ng	0.01
23) Nitrobenzene-d5	7.42	82	443463	78.52	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	243495	102.14	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	857038	67.77	ng	0.00
79) Terphenyl-d14	12.99	244	957199	67.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	70801	37.166	ng	96
3) Pyridine	3.40	79	174382	34.358	ng	96
4) n-Nitrosodimethylamine	3.36	42	103721	49.428	ng	# 83
6) Aniline	6.52	93	238067	31.538	ng	# 74
8) 2-Chlorophenol	6.65	128	280512	51.686	ng	99
9) Benzaldehyde	6.40	77	144619	41.495	ng	96
10) Phenol	6.51	94	318983	47.741	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	227179	47.543	ng	97
12) 1,3-Dichlorobenzene	6.79	146	269495	43.115	ng	96
13) 1,4-Dichlorobenzene	6.87	146	289914	45.664	ng	98
14) 1,2-Dichlorobenzene	7.02	146	274771	45.841	ng	100
15) Benzyl Alcohol	7.00	79	224176	49.529	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	230201	45.147	ng	78
17) 2-Methylphenol	7.12	107	210880	48.445	ng	93
18) Hexachloroethane	7.36	117	107136	45.979	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	176465	48.187	ng	95
20) 3+4-Methylphenols	7.27	107	270696	48.588	ng	96
22) Acetophenone	7.26	105	364226	46.003	ng	# 95
24) Nitrobenzene	7.44	77	267300	47.244	ng	98
25) Isophorone	7.68	82	481698	48.936	ng	98
26) 2-Nitrophenol	7.76	139	140579	46.910	ng	91
27) 2,4-Dimethylphenol	7.80	122	223184	54.585	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	283244	43.999	ng	99
29) 2,4-Dichlorophenol	8.00	162	216079	45.914	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	241877	44.121	ng	96
31) Naphthalene	8.16	128	771115	46.965	ng	100
32) Benzoic acid	7.95	122	122058	36.847	ng	96
33) 4-Chloroaniline	8.22	127	111955	15.906	ng	98
34) Hexachlorobutadiene	8.27	225	144371	44.240	ng	97
35) Caprolactam	8.60	113	54634	37.185	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	245446	48.577	ng	97
37) 2-Methylnaphthalene	8.86	142	557510	49.594	ng	99
38) 1-Methylnaphthalene	8.96	142	517616	48.873	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	236493	40.773	ng	99

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 Misc :
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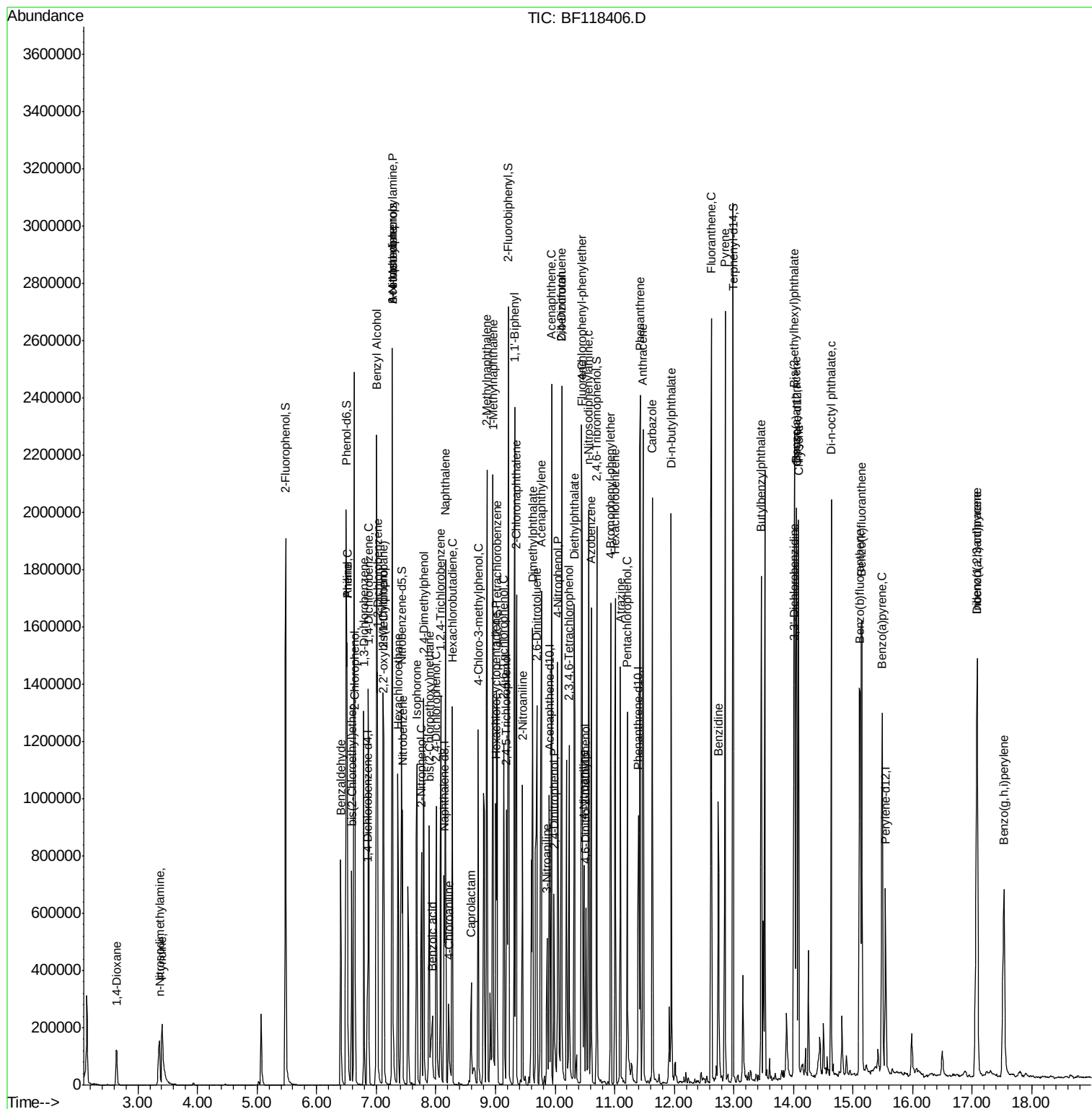
Instrument :
 BNA_F
 ClientSampleId :

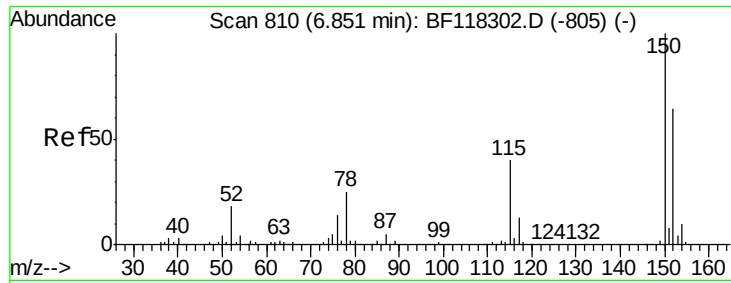
Quant Time: Jan 01 00:33:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	145573	61.905	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	162683	41.983	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	169921	42.628	ng	98
46) 1,1'-Biphenyl	9.32	154	657644	43.071	ng	99
47) 2-Chloronaphthalene	9.35	162	515928	41.983	ng	98
48) 2-Nitroaniline	9.45	65	155584	44.823	ng	97
49) Acenaphthylene	9.77	152	801470	43.975	ng	99
50) Dimethylphthalate	9.62	163	715063	49.346	ng	99
51) 2,6-Dinitrotoluene	9.69	165	141783	45.384	ng	95
52) Acenaphthene	9.94	154	503569	45.361	ng	98
53) 3-Nitroaniline	9.86	138	84174	22.956	ng	91
54) 2,4-Dinitrophenol	9.99	184	110909	71.031	ng	95
55) Dibenzofuran	10.11	168	765924	46.693	ng	95
56) 4-Nitrophenol	10.05	139	187312	82.748	ng	99
57) 2,4-Dinitrotoluene	10.10	165	190022	45.520	ng	# 81
58) Fluorene	10.46	166	576876	43.565	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	150484	44.431	ng	99
60) Diethylphthalate	10.32	149	599351	41.808	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	279498	42.282	ng	98
62) 4-Nitroaniline	10.49	138	138697	36.411	ng	90
63) Azobenzene	10.60	77	557985	45.441	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	84700	47.783	ng	96
66) n-Nitrosodiphenylamine	10.57	169	510553	48.480	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	180817	47.022	ng	92
68) Hexachlorobenzene	11.01	284	202106	44.651	ng	98
69) Atrazine	11.10	200	180176	55.435	ng	99
70) Pentachlorophenol	11.21	266	160262	81.754	ng	99
71) Phenanthrene	11.43	178	903439	50.435	ng	99
72) Anthracene	11.47	178	888014	49.528	ng	98
73) Carbazole	11.63	167	747162	46.963	ng	99
74) Di-n-butylphthalate	11.95	149	976811	48.422	ng	99
75) Fluoranthene	12.62	202	1027137	56.817	ng	99
77) Benzdine	12.74	184	394514	61.621	ng	97
78) Pyrene	12.85	202	1023033	53.617	ng	99
80) Butylbenzylphthalate	13.46	149	414312	48.225	ng	93
81) Benzo(a)anthracene	14.04	228	784161	47.946	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	174584	31.483	ng	98
83) Chrysene	14.09	228	661914	42.267	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	621032	54.974	ng	99
85) Di-n-octyl phthalate	14.63	149	936464	56.355	ng	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	766895	57.473	ng	99
88) Benzo(b)fluoranthene	15.12	252	740380	45.593	ng	99
89) Benzo(k)fluoranthene	15.14	252	652876	41.872	ng	98
90) Benzo(a)pyrene	15.49	252	639613	44.712	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	631977	50.909	ng	97
92) Benzo(g,h,i)perylene	17.53	276	642863	53.609	ng	98

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

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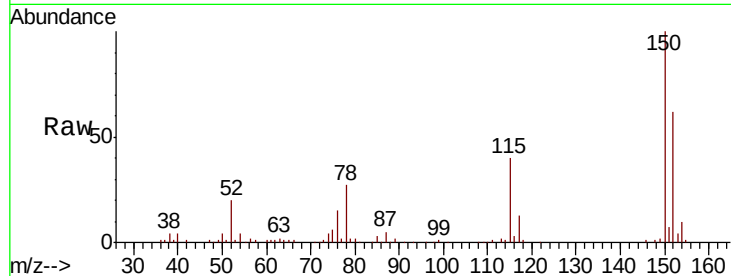


#1

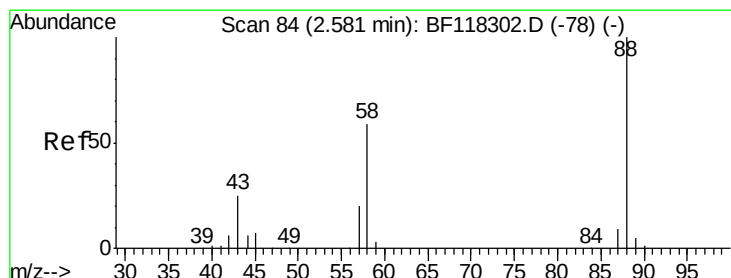
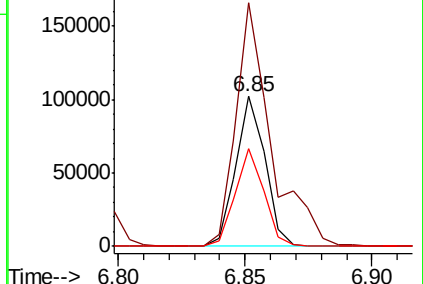
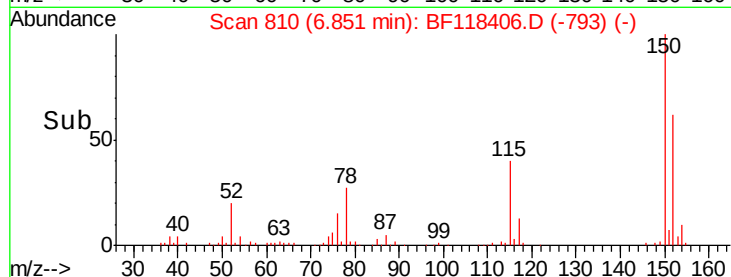
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81799
Ion Ratio Lower Upper
152 100
150 162.4 125.4 188.2
115 64.8 50.2 75.4



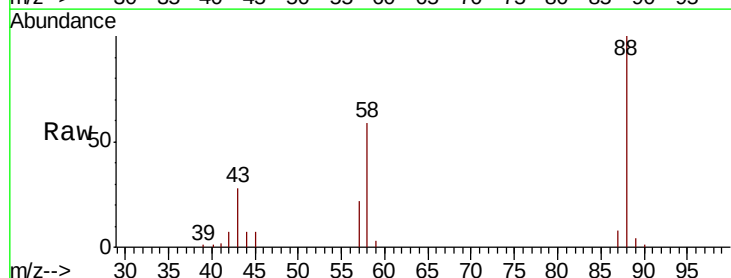
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



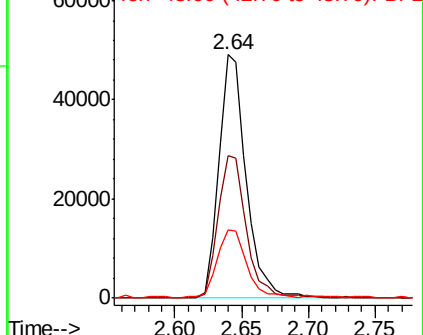
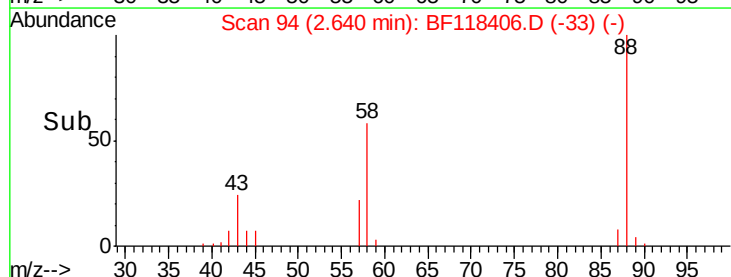
#2

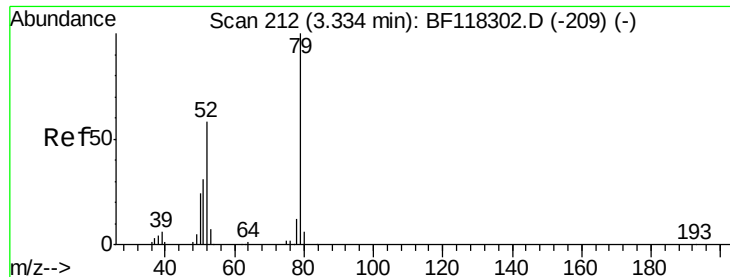
1,4-Dioxane
Concen: 37.166 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion: 88 Resp: 70801
Ion Ratio Lower Upper
88 100
58 60.4 47.6 71.4
43 30.6 20.6 30.8



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: 34.358 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

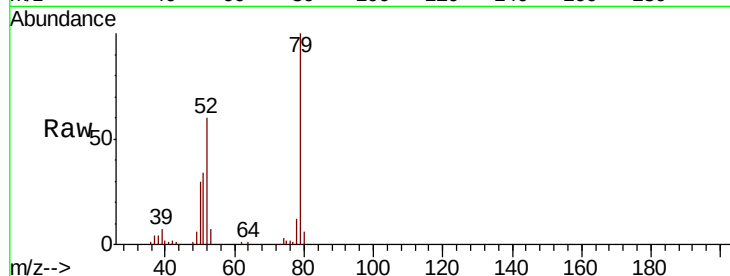
Tot Ion: 79 Resp: 174382

Ion Ratio Lower Upper

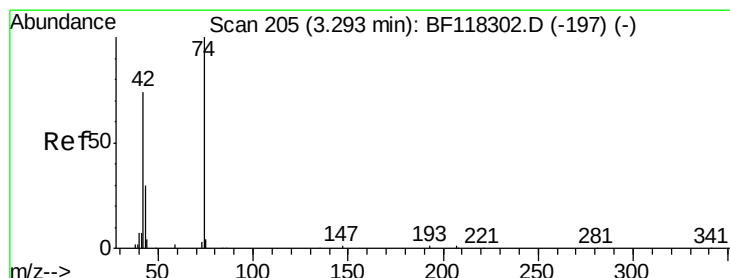
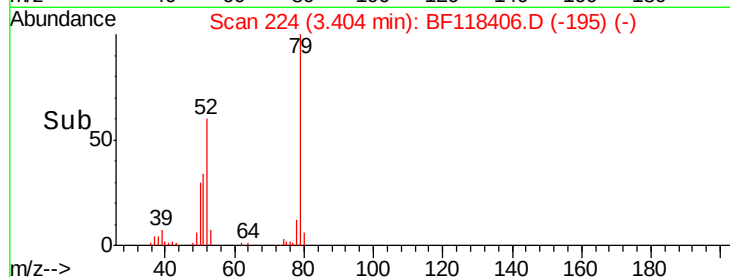
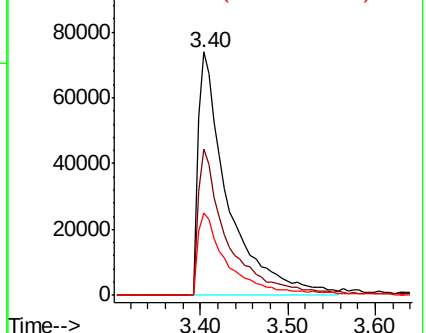
79 100

52 60.0 46.4 69.6

51 34.0 24.9 37.3



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: 49.428 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.06 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

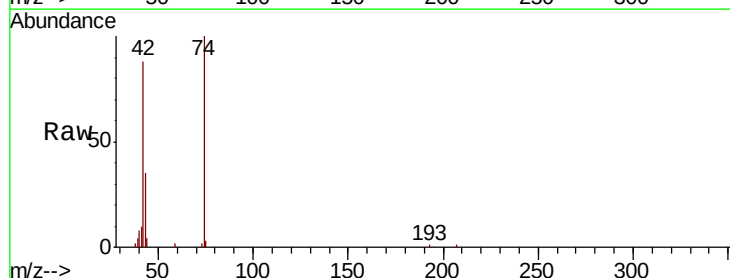
Tgt Ion: 42 Resp: 103721

Ion Ratio Lower Upper

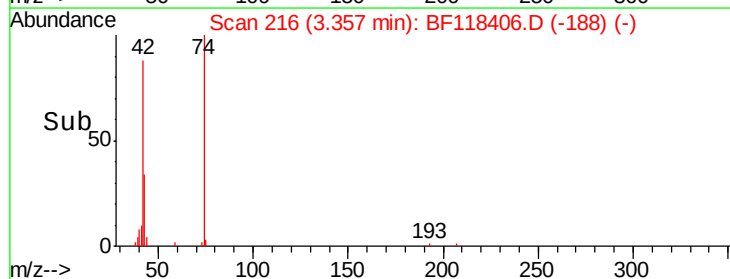
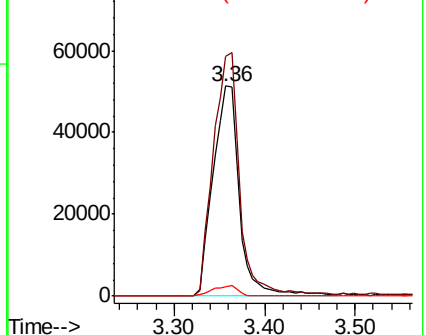
42 100

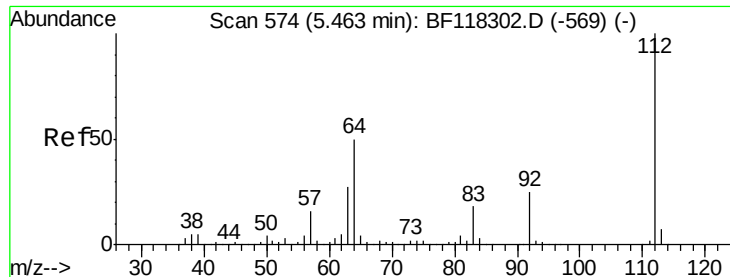
74 113.8 107.7 161.5

44 4.6 4.8 7.2#



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: 111.625 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampled :

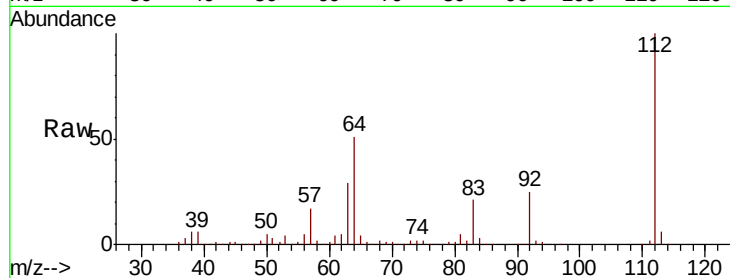
Tot Ion:112 Resp: 534906

Ion Ratio Lower Upper

112 100

64 50.5 39.7 59.5

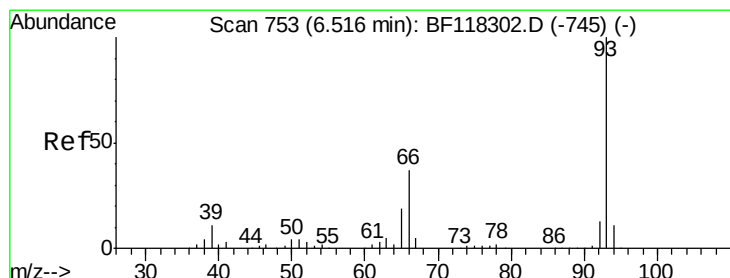
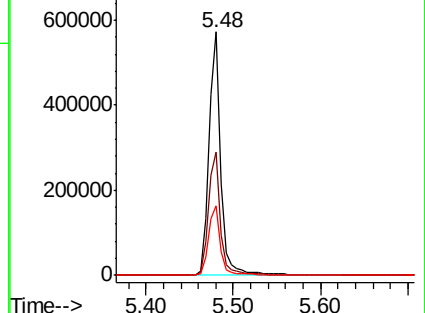
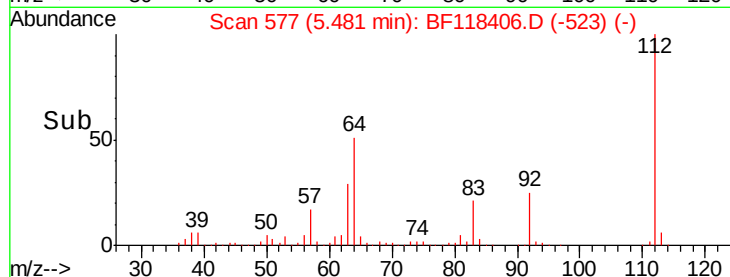
63 28.7 21.7 32.5



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: 31.538 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

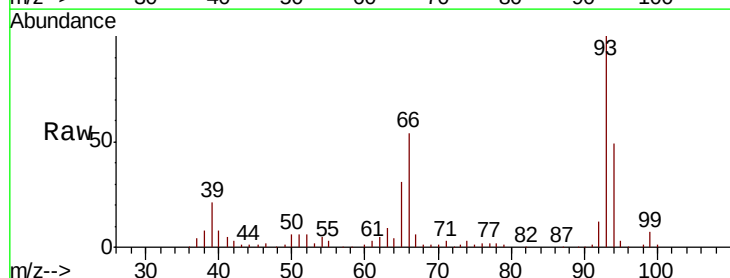
Tgt Ion: 93 Resp: 238067

Ion Ratio Lower Upper

93 100

66 53.6 30.2 45.4#

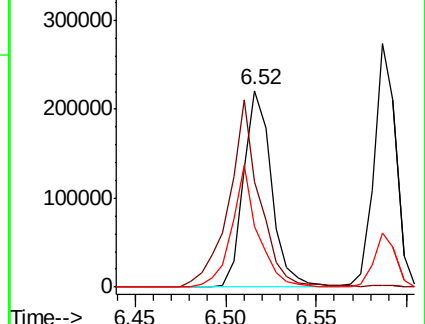
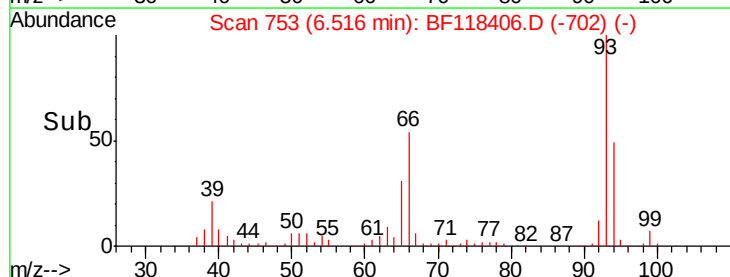
65 30.6 15.7 23.5#

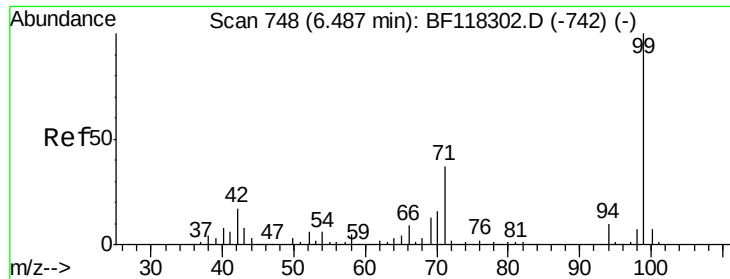


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.831 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

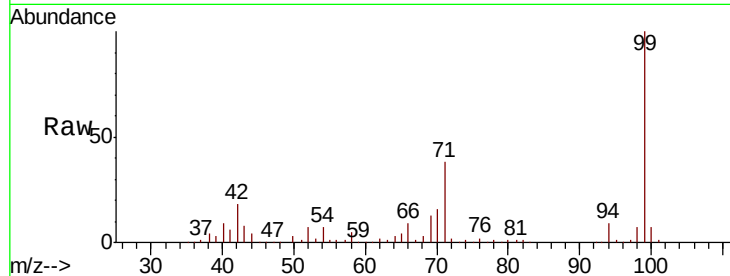
Tot Ion: 99 Resp: 706402

Ion Ratio Lower Upper

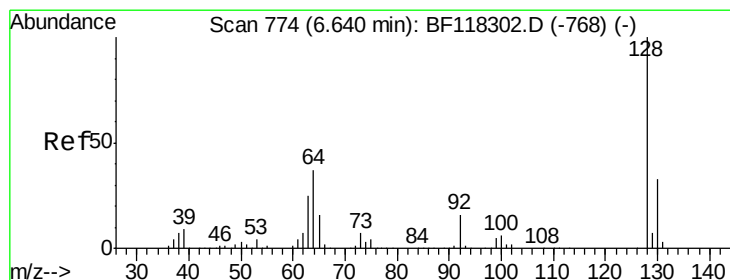
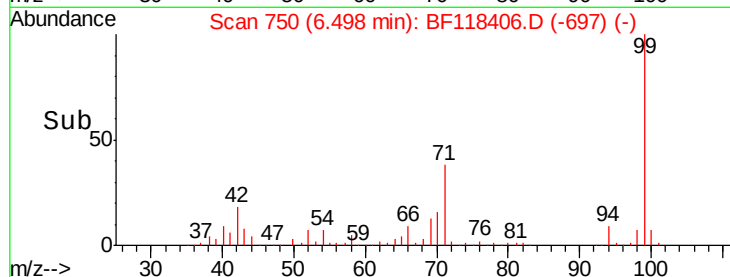
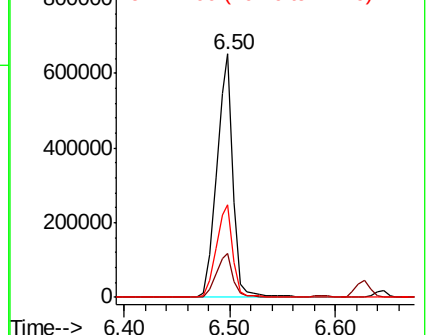
99 100

42 18.0 13.5 20.3

71 38.0 29.4 44.2



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: 51.686 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

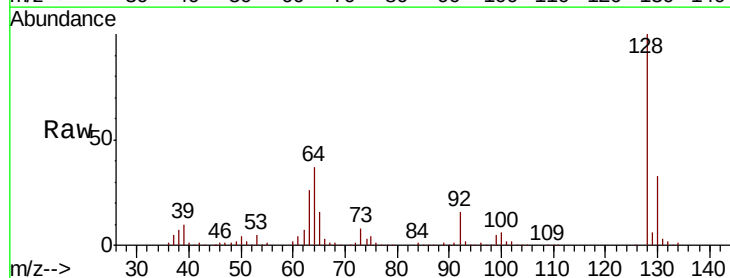
Tgt Ion: 128 Resp: 280512

Ion Ratio Lower Upper

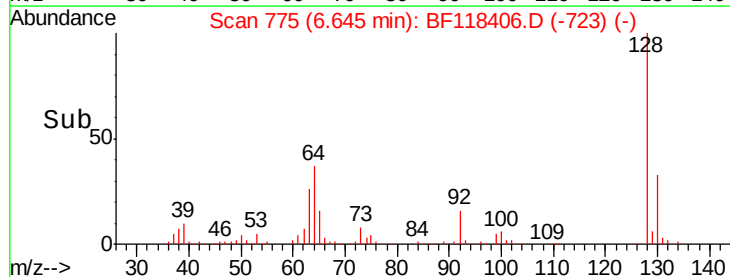
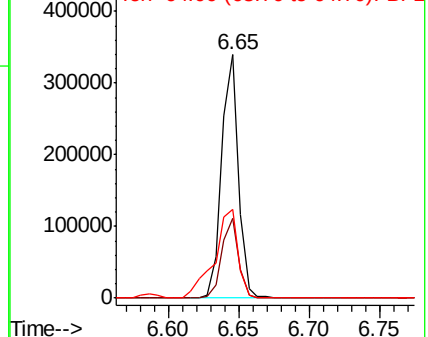
128 100

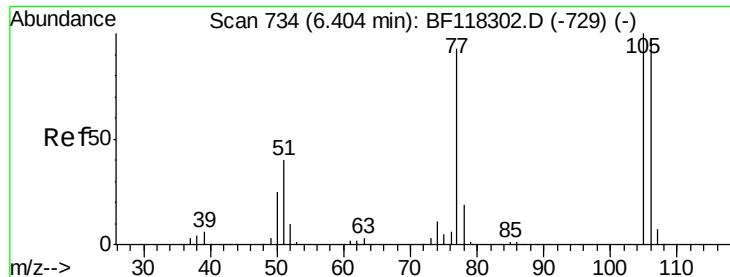
130 32.7 13.2 53.2

64 36.6 17.7 57.7



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: 41.495 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

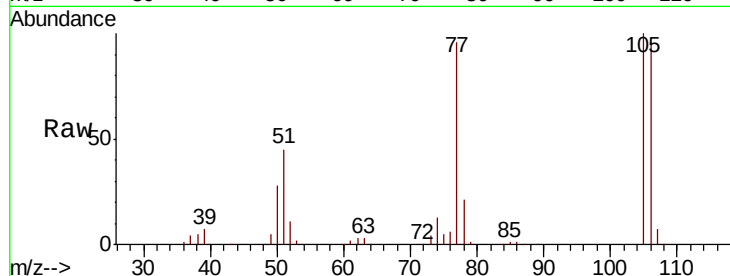
Tot Ion: 77 Resp: 144619

Ion Ratio Lower Upper

77 100

105 103.7 87.5 127.5

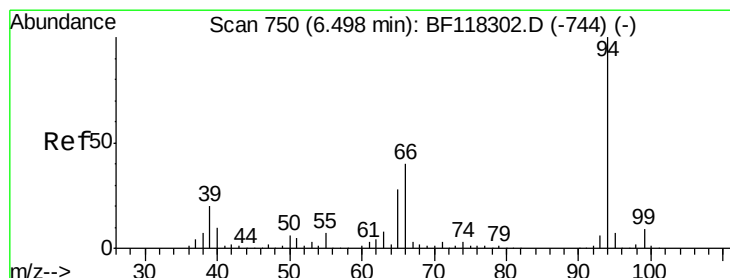
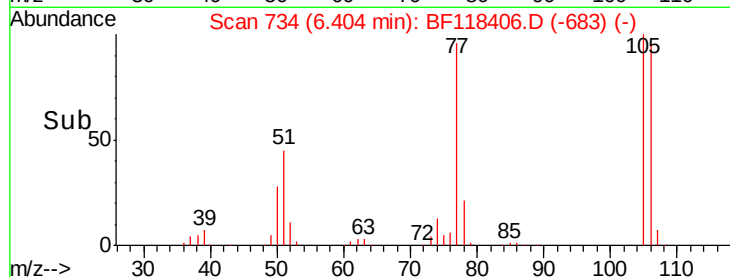
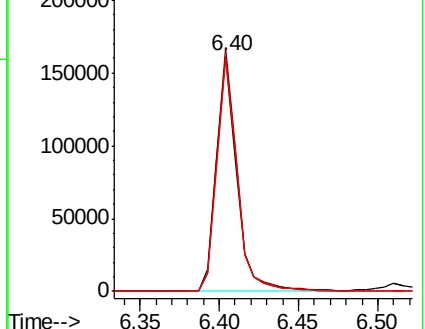
106 99.2 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.741 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

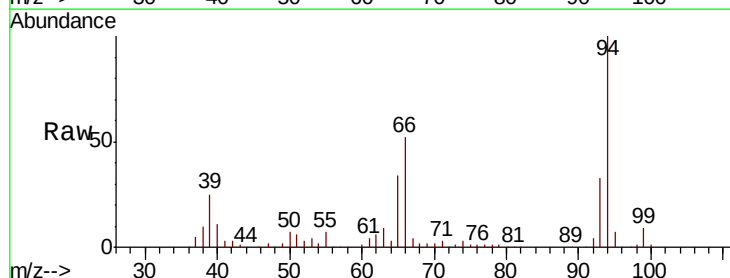
Tgt Ion: 94 Resp: 318983

Ion Ratio Lower Upper

94 100

65 33.7 7.8 47.8

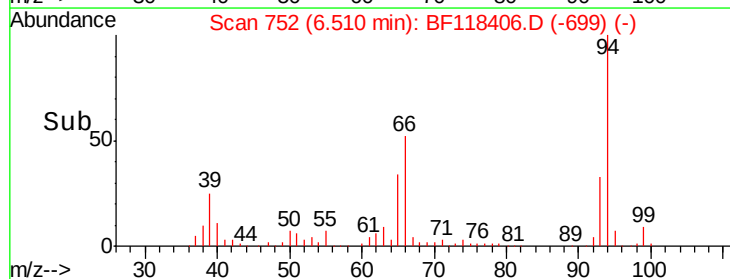
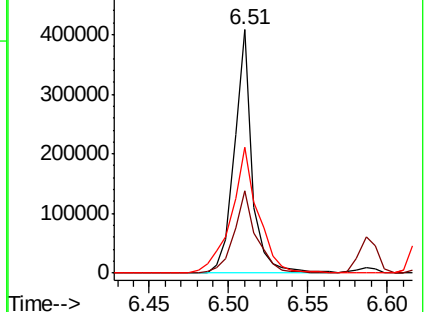
66 51.7 20.4 60.4

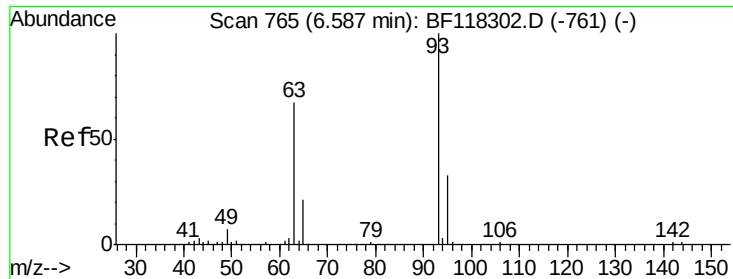


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.543 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

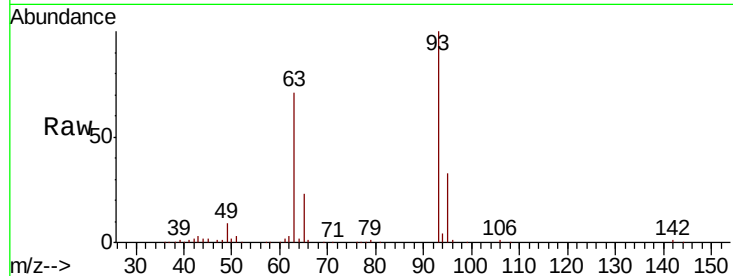
Tot Ion: 93 Resp: 227179

Ion Ratio Lower Upper

93 100

63 71.1 47.0 87.0

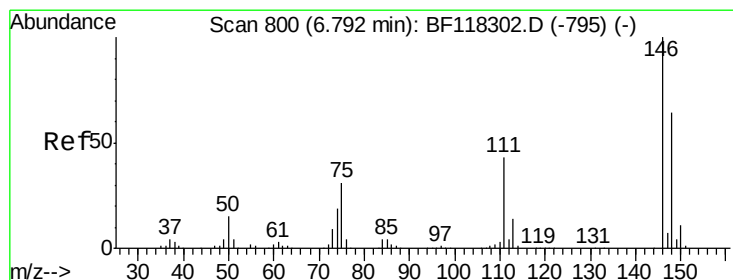
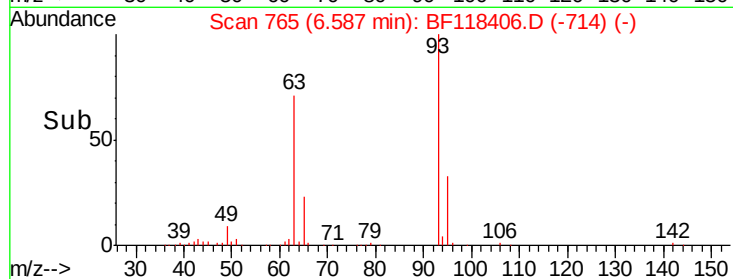
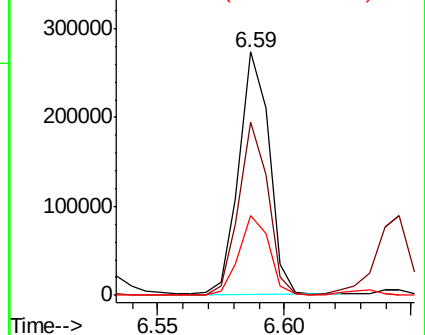
95 32.9 12.8 52.8



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: 43.115 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

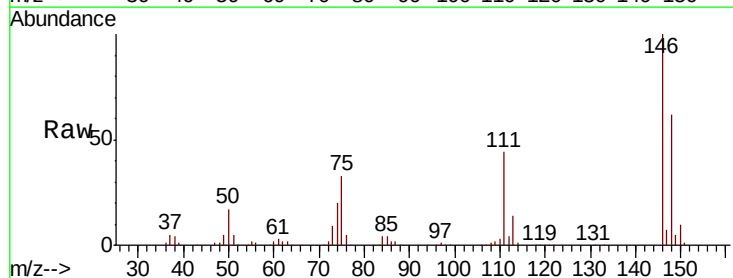
Tgt Ion: 146 Resp: 269495

Ion Ratio Lower Upper

146 100

148 61.9 51.4 77.0

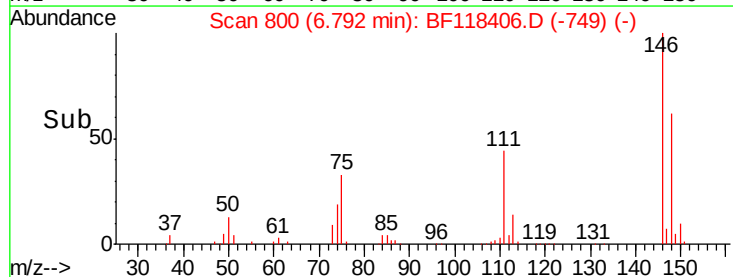
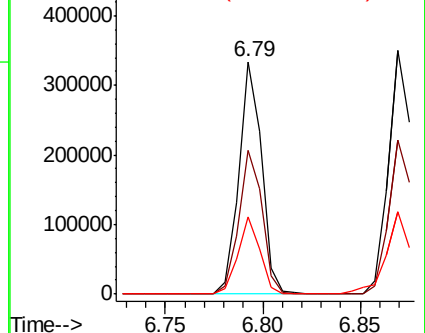
75 33.0 24.4 36.6

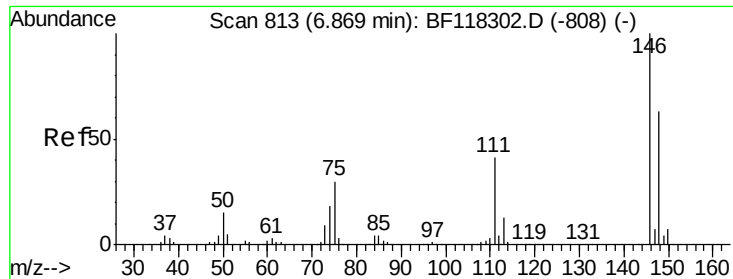


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

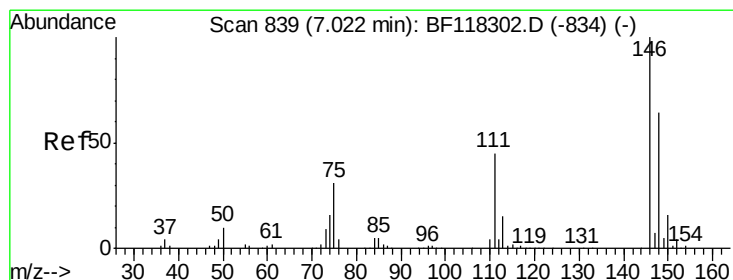
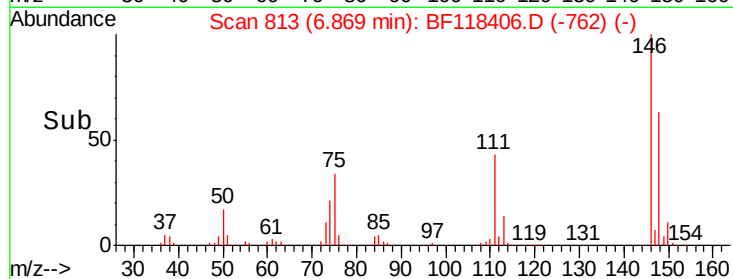
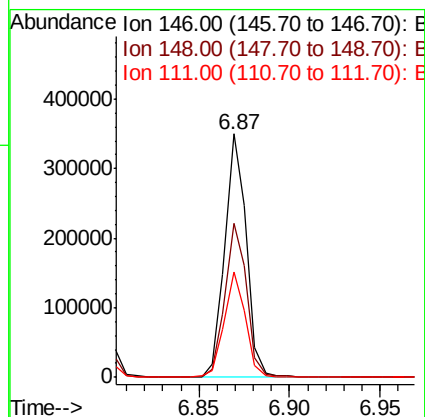
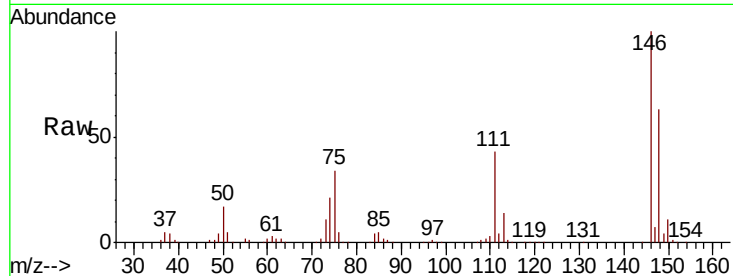




#13
 1,4-Dichlorobenzene
 Concen: 45.664 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

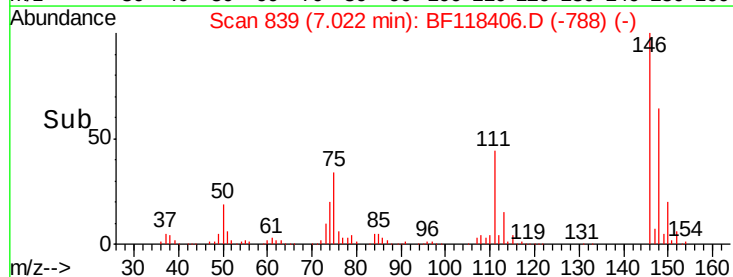
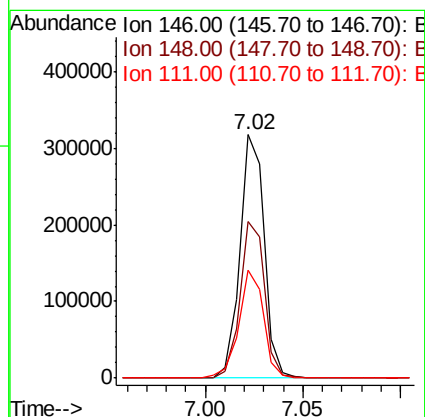
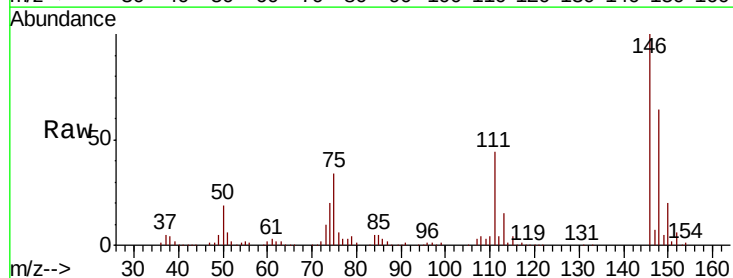
Instrument :
 BNA_F
 ClientSampled :

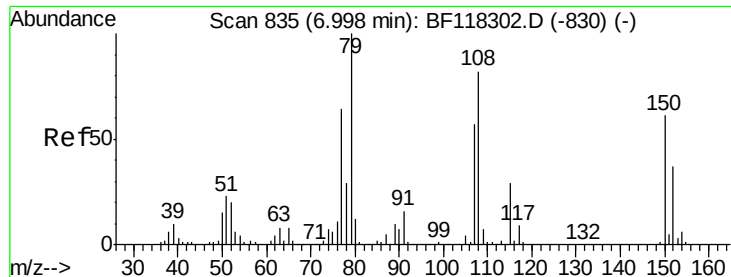
Tot Ion:146 Resp: 289914
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 43.1 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 45.841 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:146 Resp: 274771
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 44.3 35.7 53.5

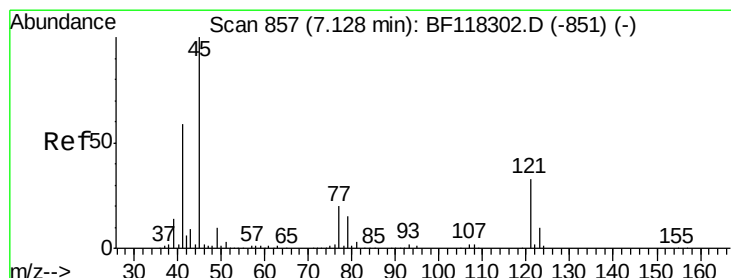
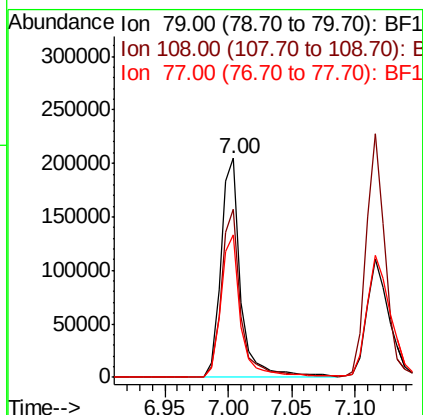
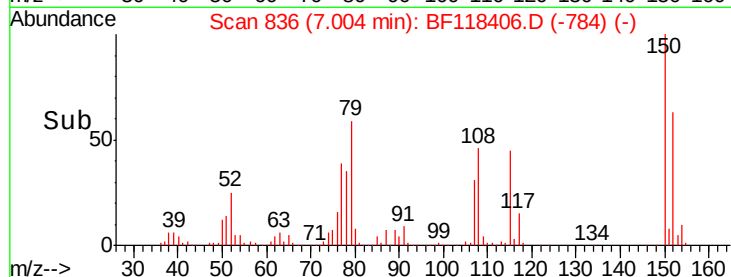
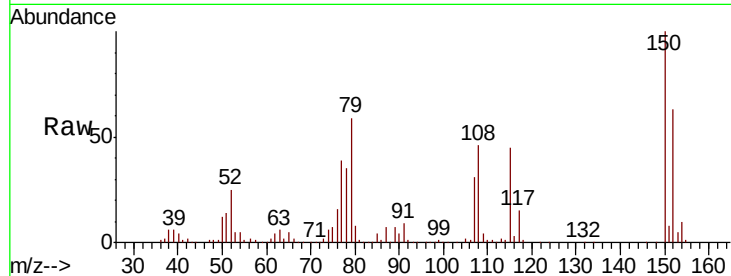




#15
Benzyl Alcohol
Concen: 49.529 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

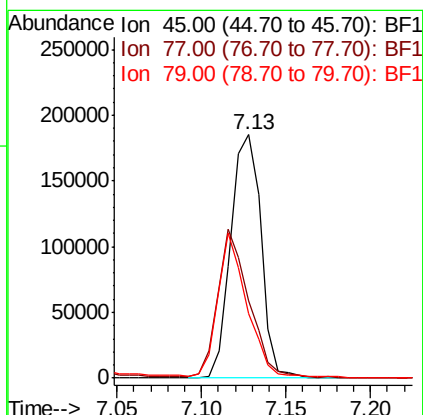
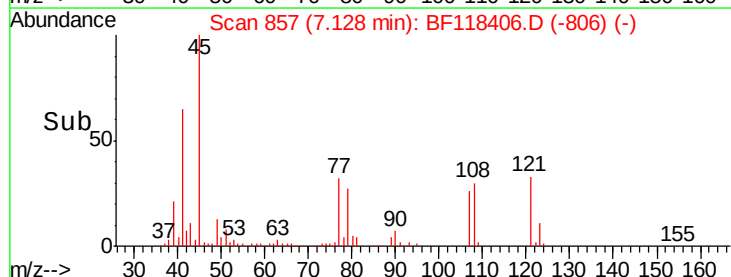
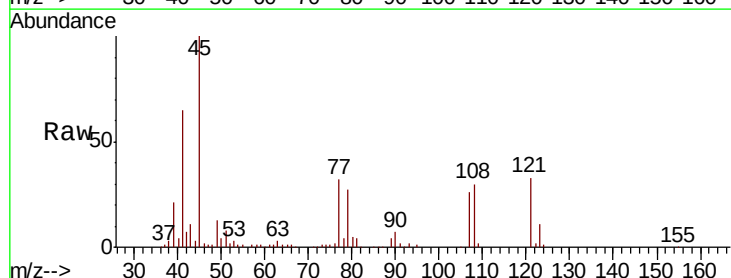
Instrument :
BNA_F
ClientSampleId :

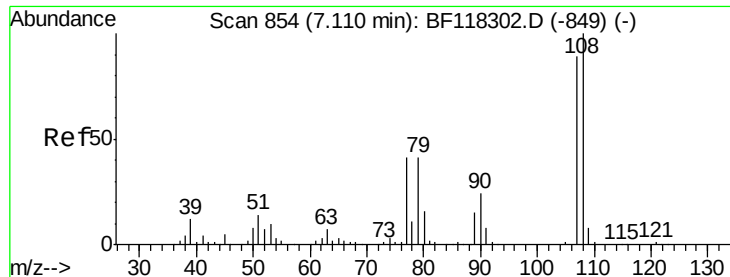
Tot Ion: 79 Resp: 224176
Ion Ratio Lower Upper
79 100
108 77.0 65.4 98.0
77 65.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.147 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion: 45 Resp: 230201
Ion Ratio Lower Upper
45 100
77 31.5 1.2 41.2
79 26.5 0.0 37.0

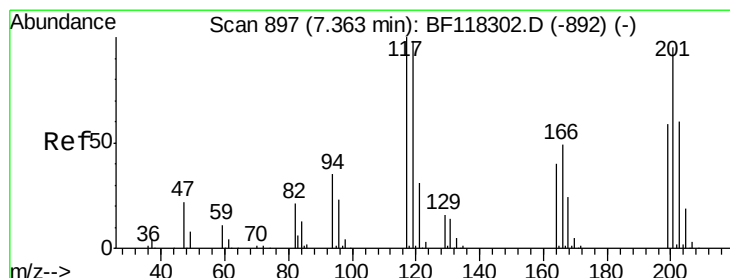
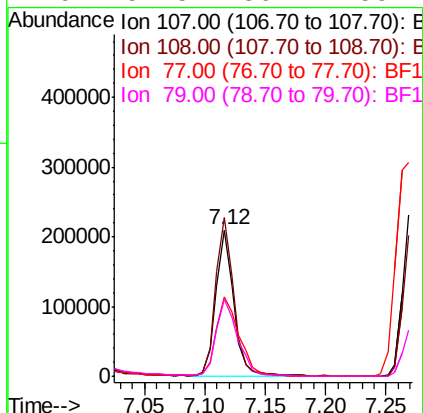
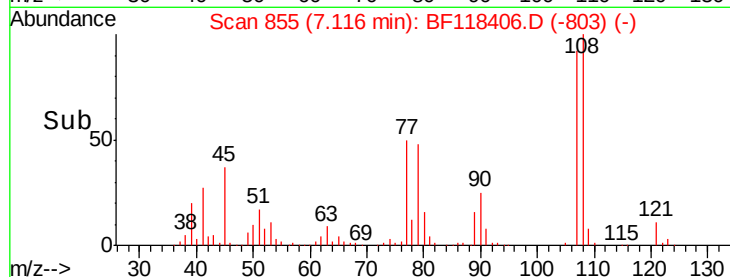
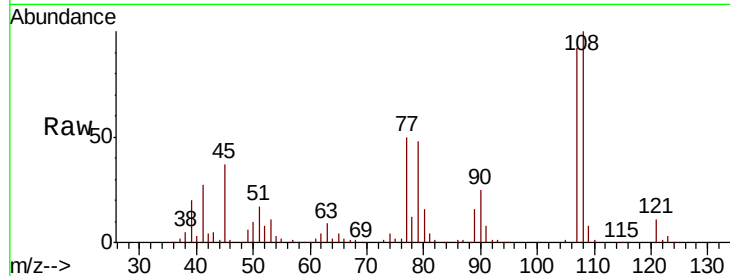




#17
2-Methylphenol
Concen: 48.445 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

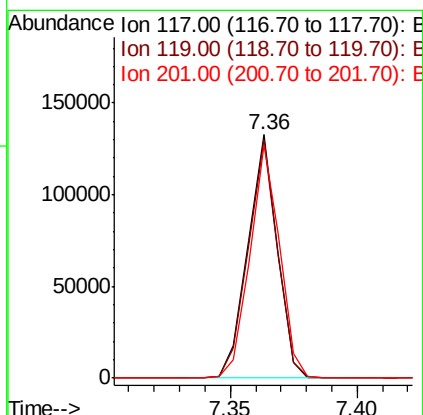
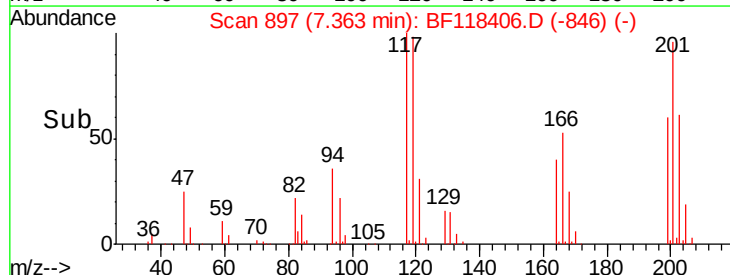
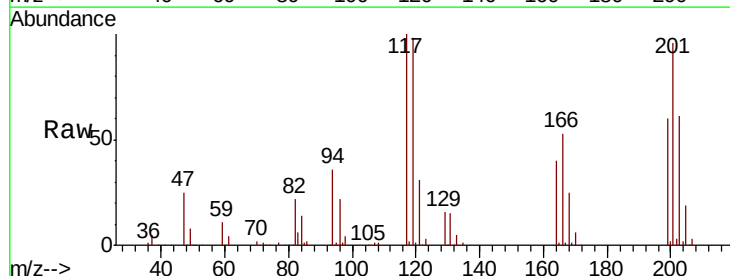
Instrument :
BNA_F
ClientSampled :

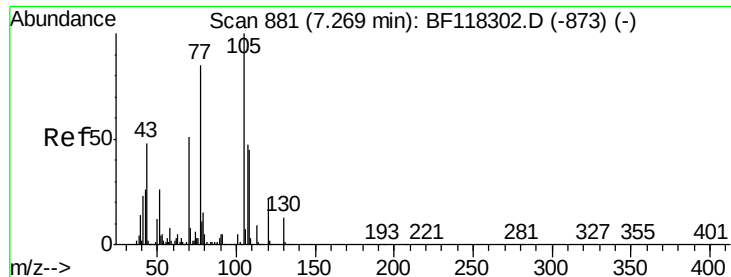
Tot Ion:107 Resp: 210880
Ion Ratio Lower Upper
107 100
108 108.3 89.7 134.5
77 54.1 37.2 55.8
79 52.5 36.7 55.1



#18
Hexachloroethane
Concen: 45.979 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:117 Resp: 107136
Ion Ratio Lower Upper
117 100
119 98.0 78.0 117.0
201 95.9 76.2 114.2

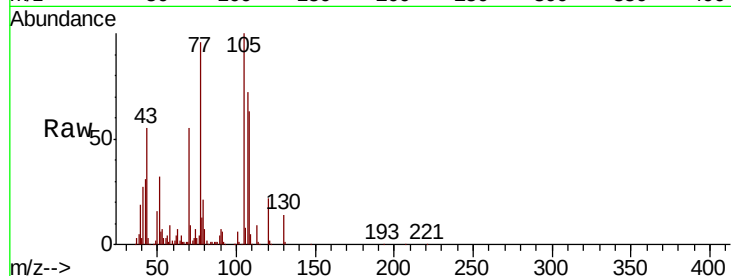




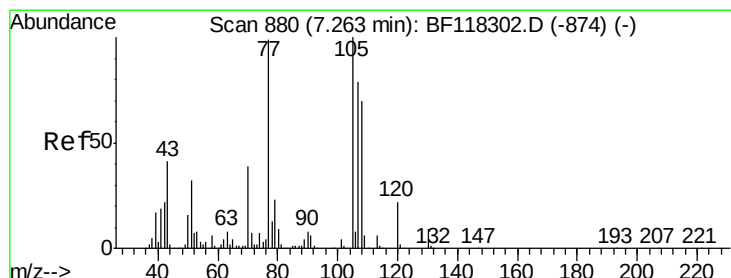
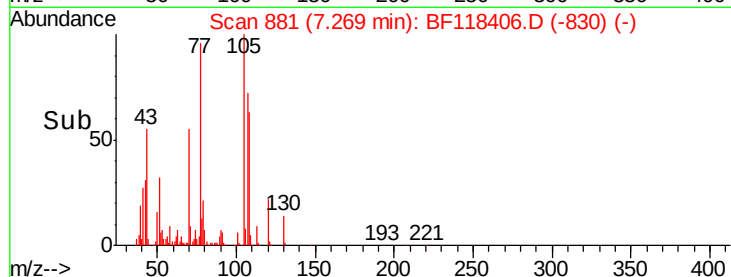
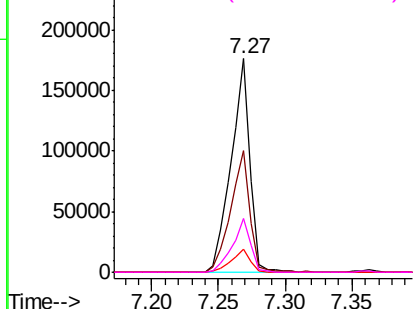
#19
n-Nitroso-di-n-propylamine
Concen: 48.187 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 176465
Ion Ratio Lower Upper
70 100
42 56.9 41.1 61.7
101 10.7 8.3 12.5
130 25.2 20.1 30.1

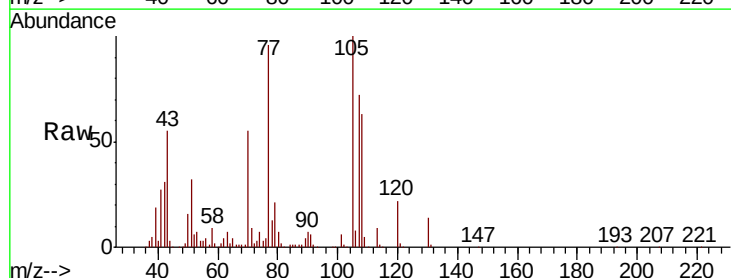


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

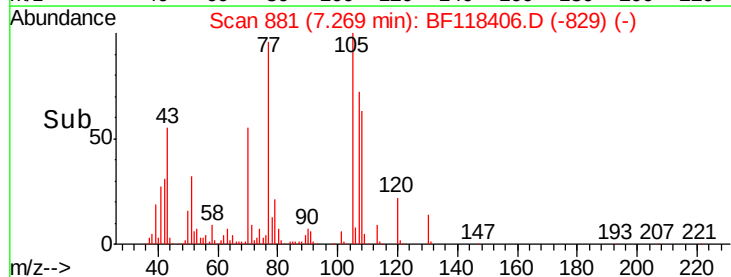
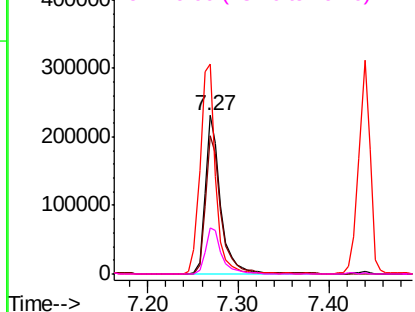


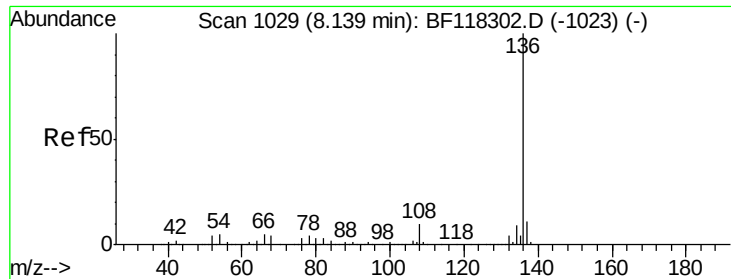
#20
3+4-Methylphenols
Concen: 48.588 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:107 Resp: 270696
Ion Ratio Lower Upper
107 100
108 87.5 69.3 109.3
77 132.5 105.9 145.9
79 28.8 9.2 49.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

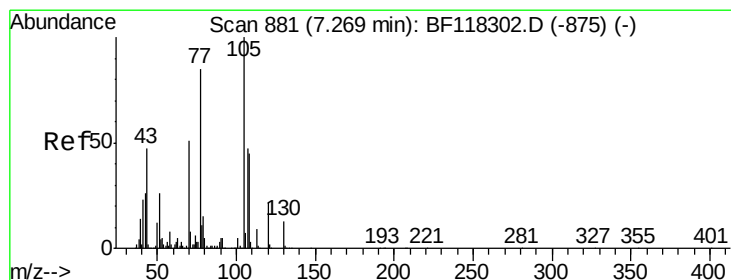
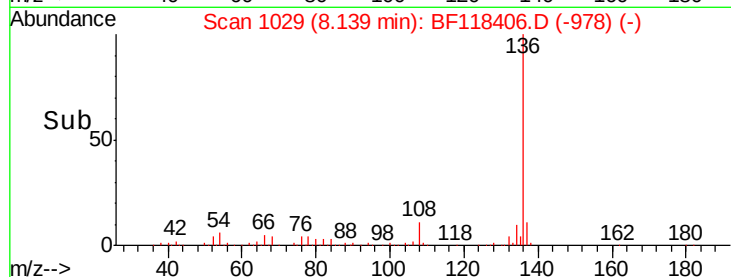
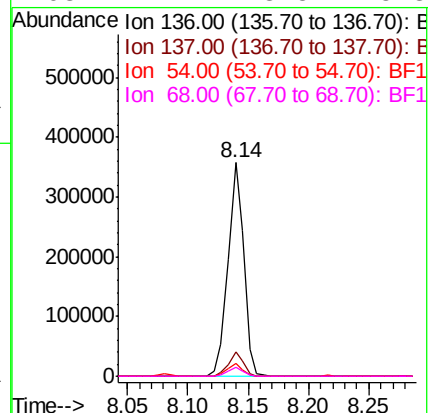
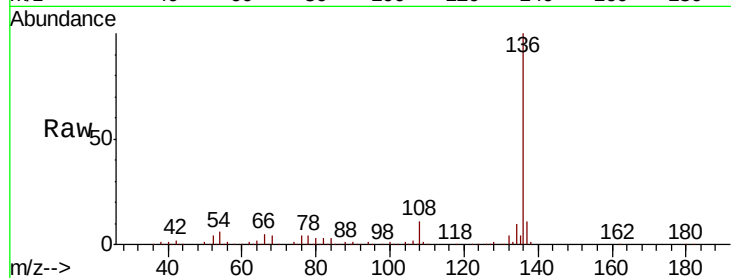




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

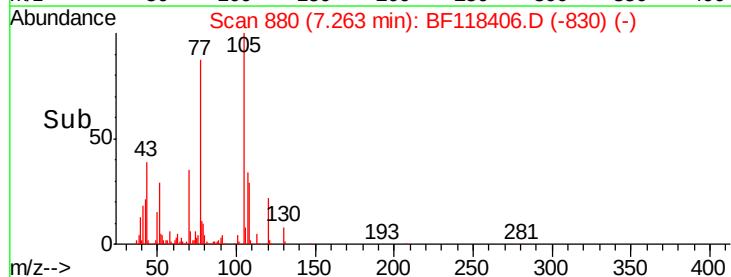
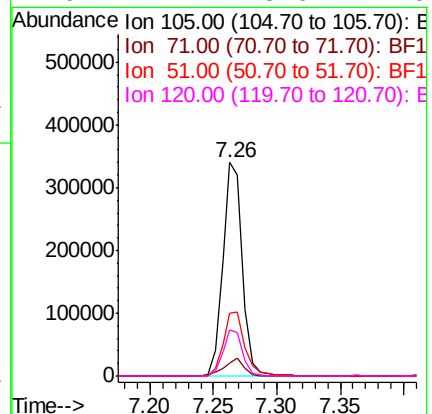
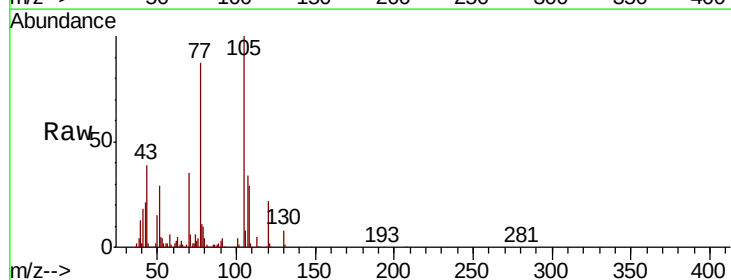
Instrument :
BNA_F
ClientSampleId :

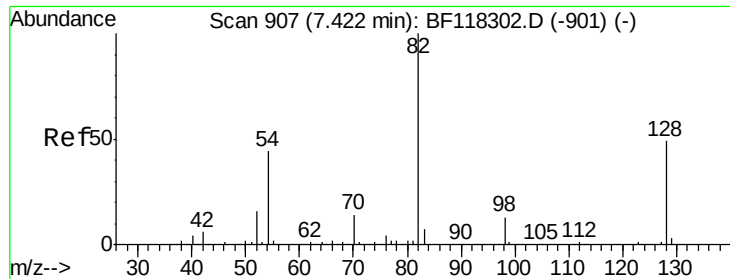
Tot Ion:136	Resp:	323041
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 6.1	4.2	6.4
68 4.2	3.5	5.3



#22
Acetophenone
Concen: 46.003 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt	Ion:105	Resp:	364226
Ion	Ratio	Lower	Upper
105	100		
71	5.9	6.6	9.8#
51	29.4	20.6	30.8
120	21.7	18.0	27.0

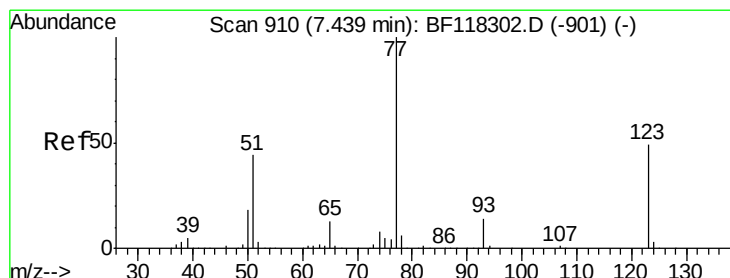
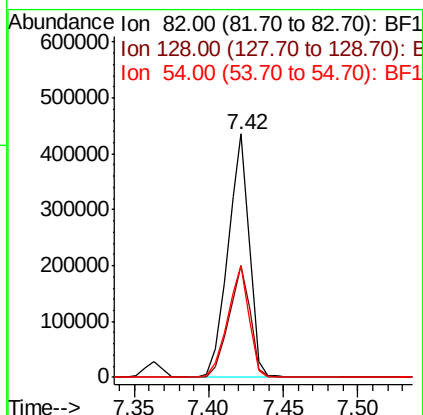
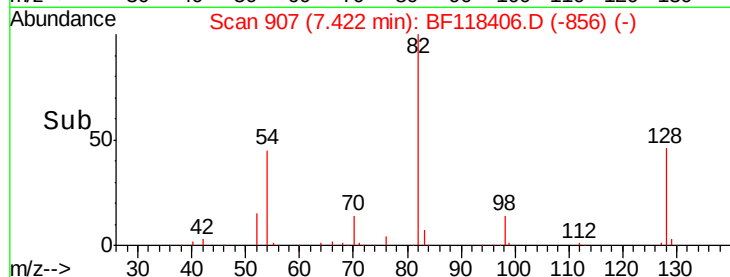
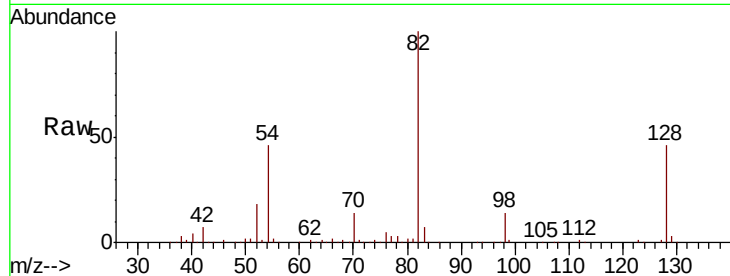




#23
 Nitrobenzene-d5
 Concen: 78.516 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

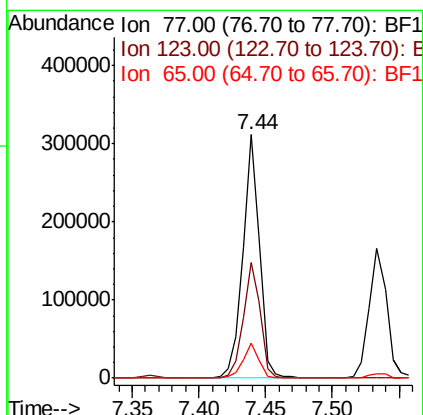
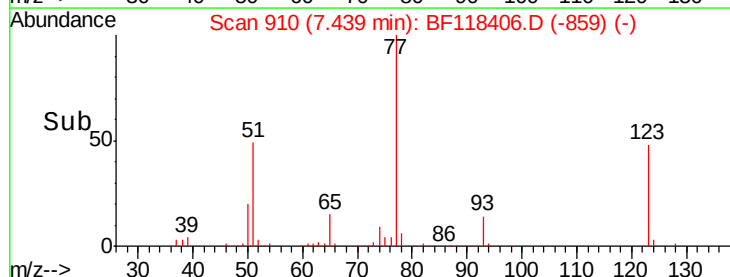
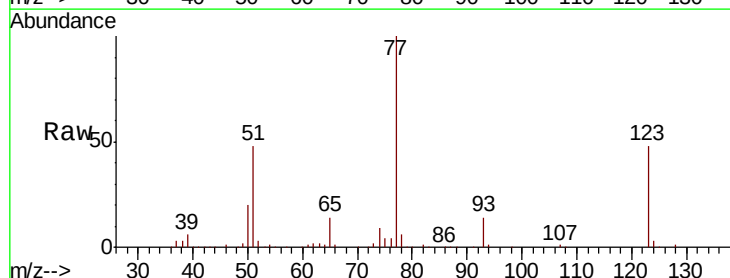
Instrument :
 BNA_F
 ClientSampled :

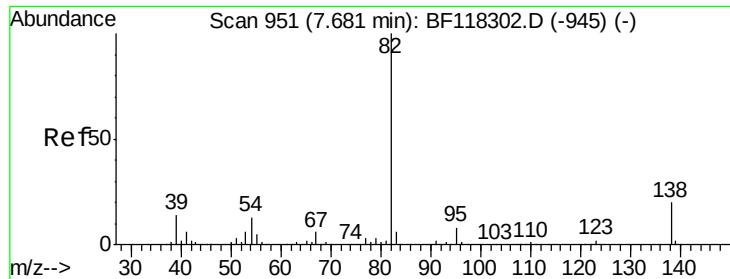
Tot Ion: 82 Resp: 443463
 Ion Ratio Lower Upper
 82 100
 128 45.7 39.6 59.4
 54 45.7 34.9 52.3



#24
 Nitrobenzene
 Concen: 47.244 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion: 77 Resp: 267300
 Ion Ratio Lower Upper
 77 100
 123 47.6 39.1 58.7
 65 14.3 10.6 16.0

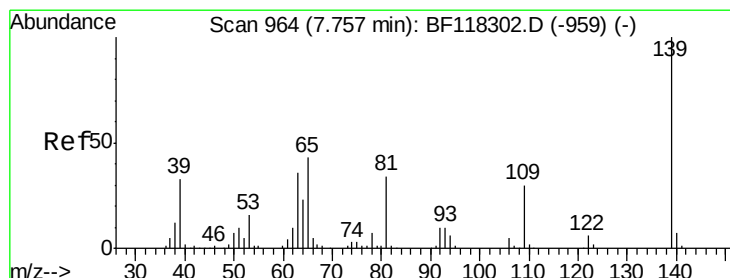
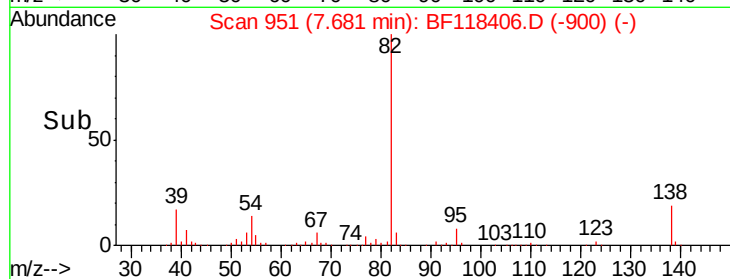
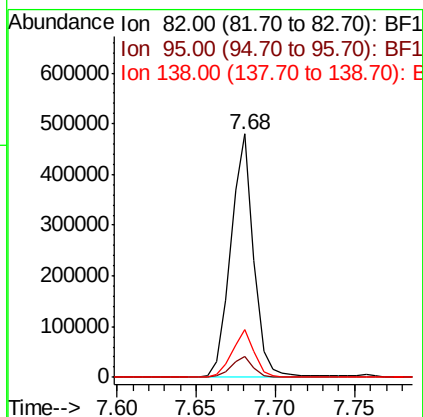
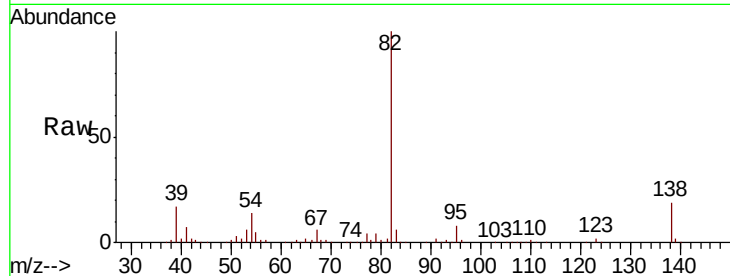




#25
Isophorone
Concen: 48.936 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

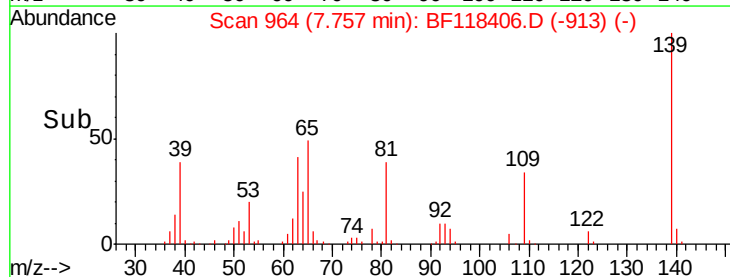
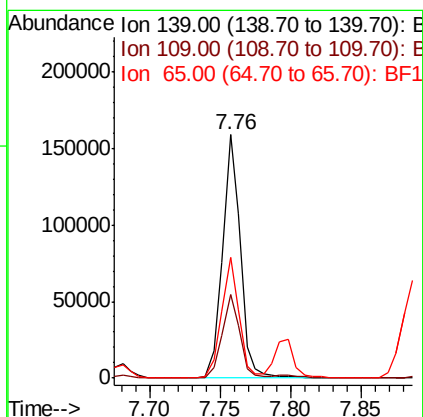
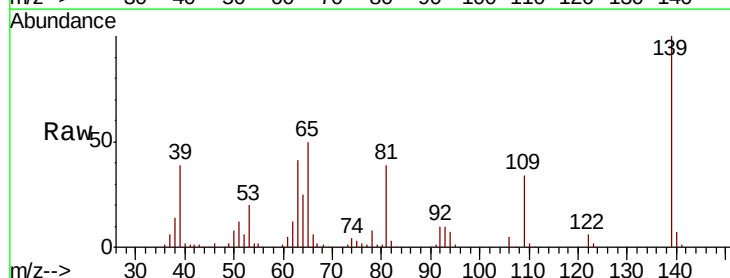
Instrument :
BNA_F
ClientSampleId :

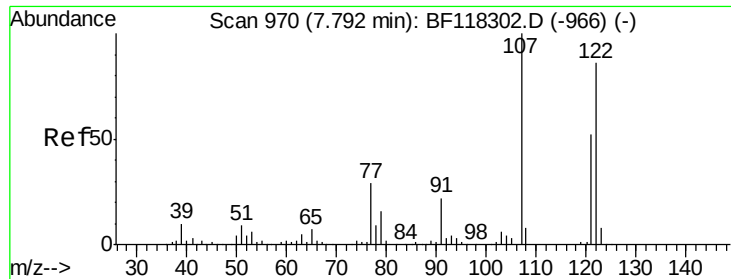
Tot Ion: 82 Resp: 481698
Ion Ratio Lower Upper
82 100
95 8.5 6.3 9.5
138 19.5 16.2 24.2



#26
2-Nitrophenol
Concen: 46.910 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion: 139 Resp: 140579
Ion Ratio Lower Upper
139 100
109 34.4 24.1 36.1
65 49.8 34.6 52.0

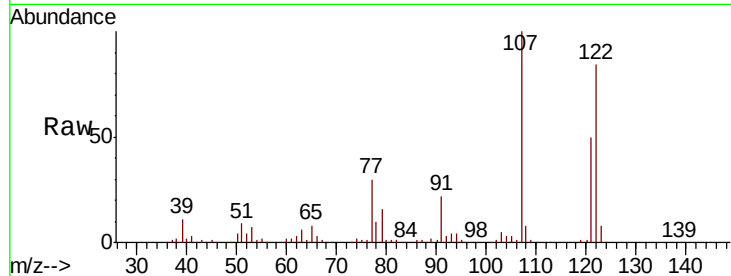




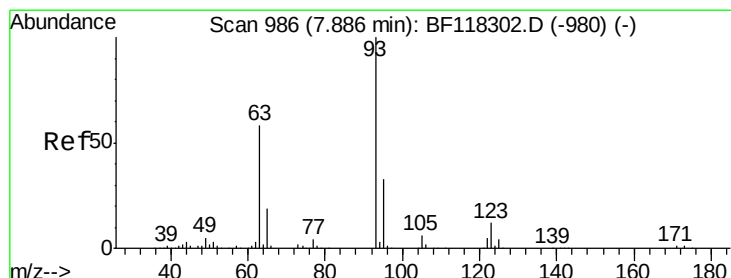
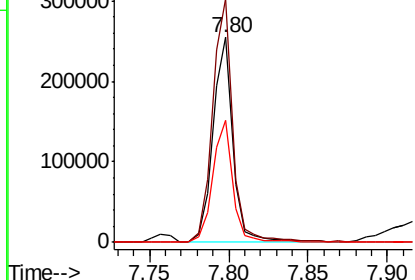
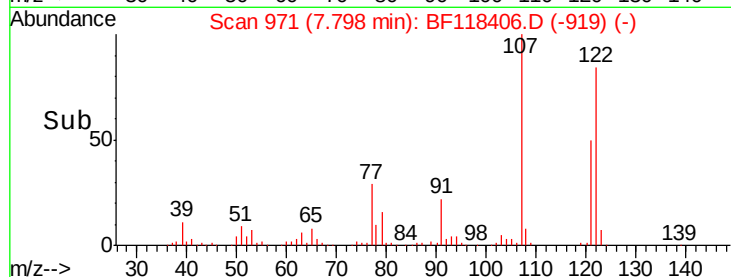
#27
2,4-Dimethylphenol
Concen: 54.585 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 223184
Ion Ratio Lower Upper
122 100
107 118.9 92.9 139.3
121 59.5 47.9 71.9

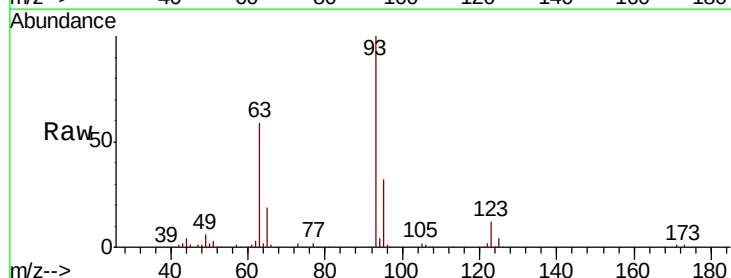


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

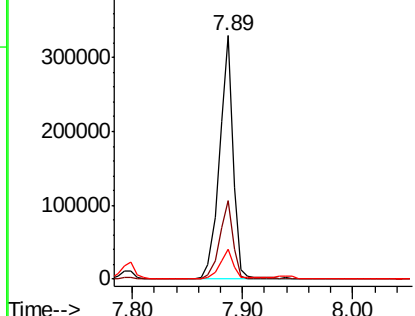
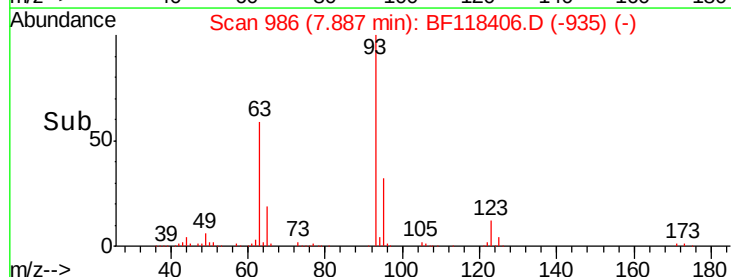


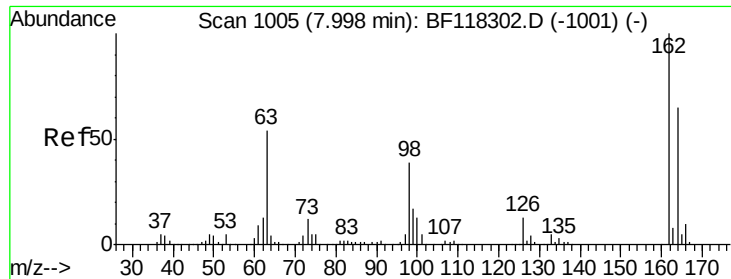
#28
bis(2-Chloroethoxy)methane
Concen: 43.999 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion: 93 Resp: 283244
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 12.1 9.8 14.8



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

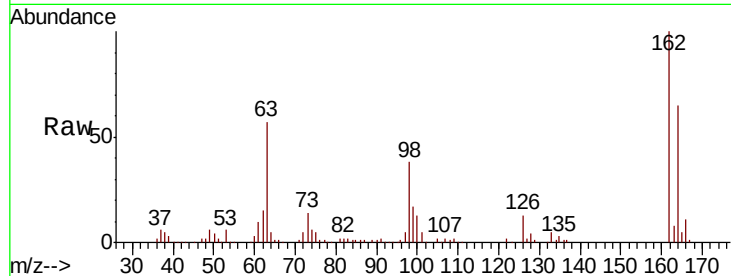




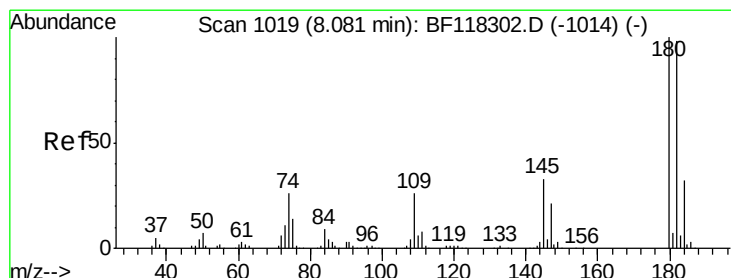
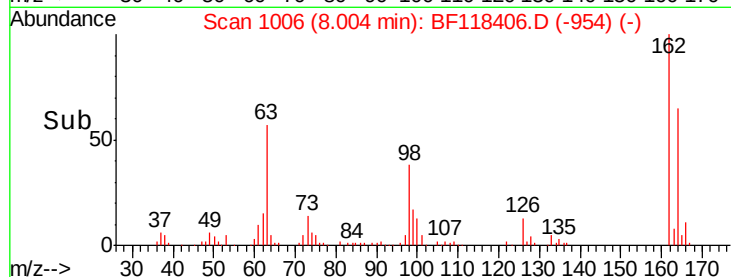
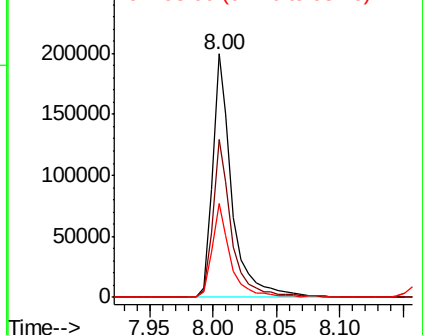
#29
 2,4-Dichlorophenol
 Concen: 45.914 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 216079
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.1 85.1
 98 38.5 18.6 58.6

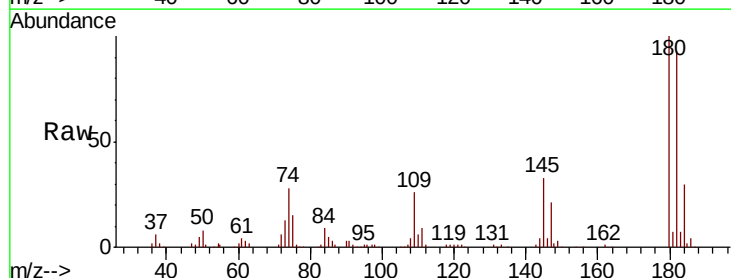


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

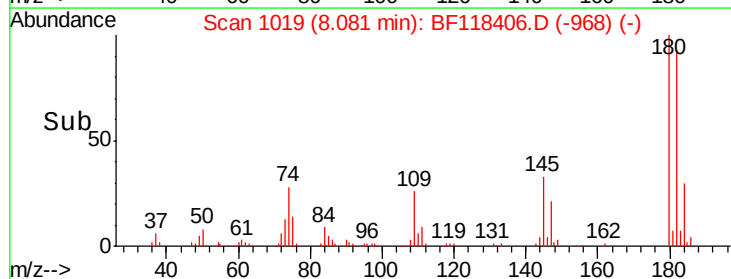
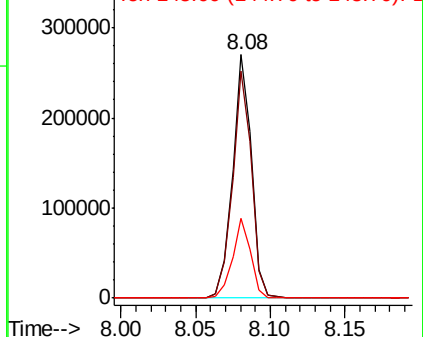


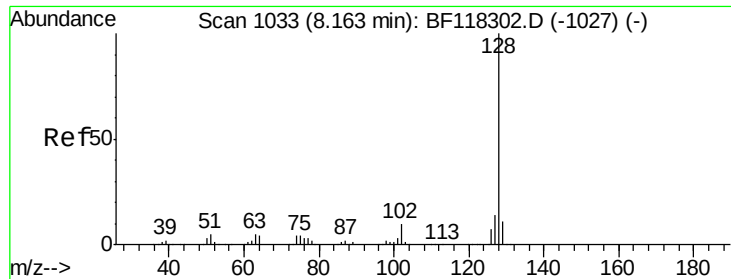
#30
 1,2,4-Trichlorobenzene
 Concen: 44.121 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:180 Resp: 241877
 Ion Ratio Lower Upper
 180 100
 182 93.4 78.3 117.5
 145 32.8 26.7 40.1



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

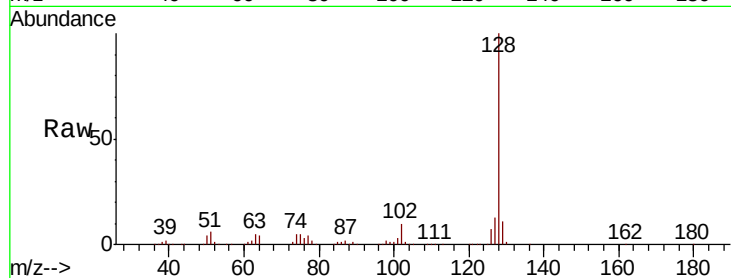




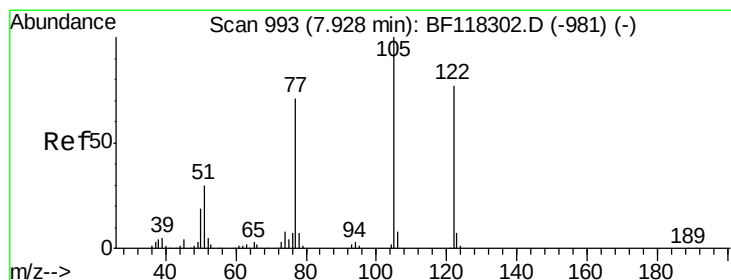
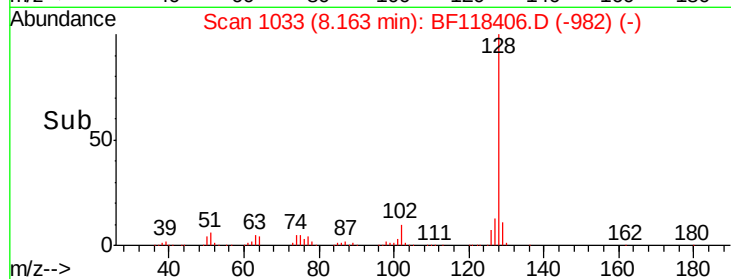
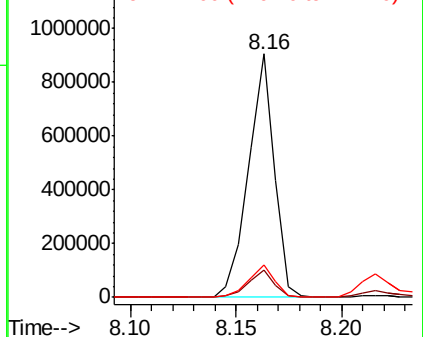
#31
Naphthalene
Concen: 46.965 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128	Resp:	771115
Ion	Ratio	Lower Upper
128	100	
129	11.2	9.0 13.4
127	13.4	11.0 16.4

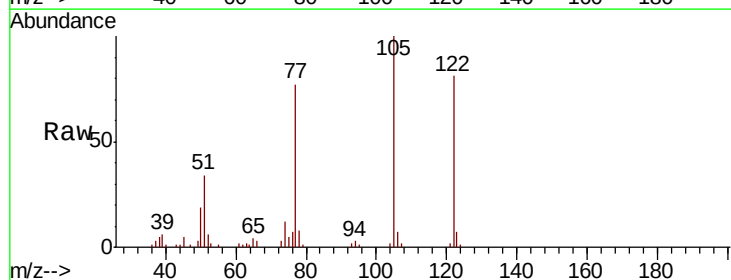


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

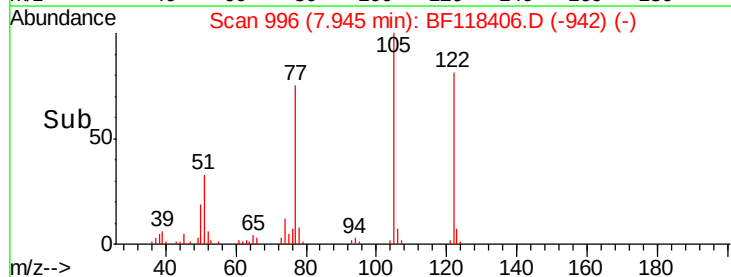
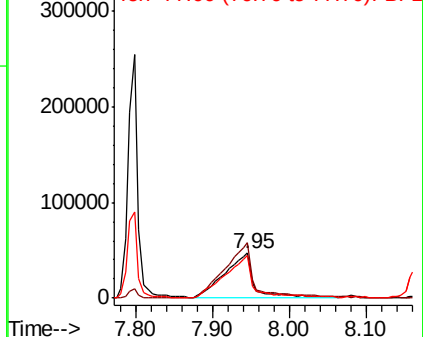


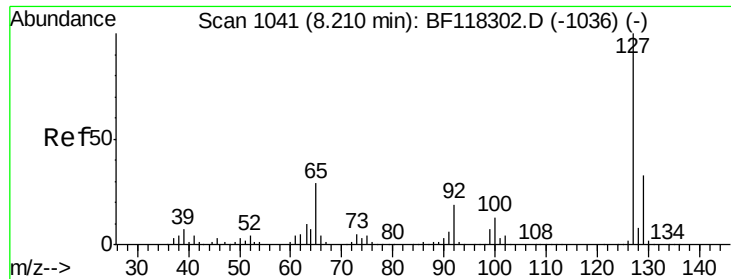
#32
Benzoic acid
Concen: 36.847 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:122	Resp:	122058
Ion	Ratio	Lower Upper
122	100	
105	123.7	106.8 146.8
77	95.1	70.4 110.4



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

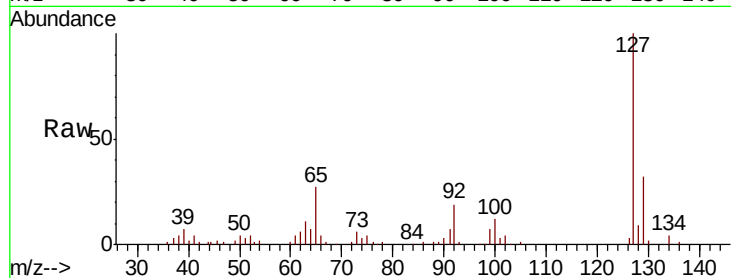




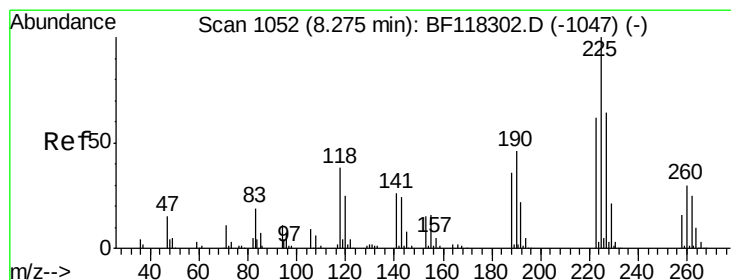
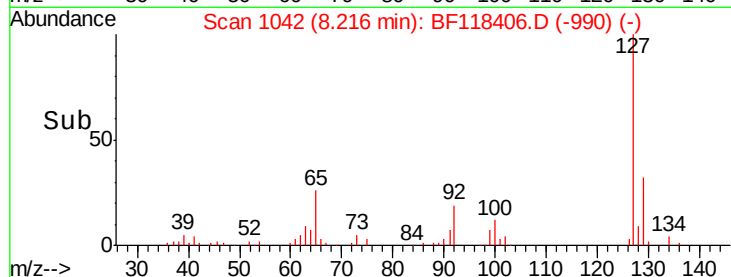
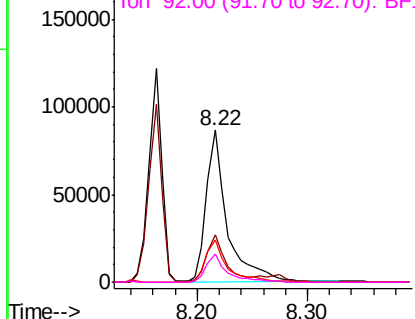
#33
4-Chloroaniline
Concen: 15.906 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	111955
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	27.5	22.8	34.2
92	18.7	15.5	23.3

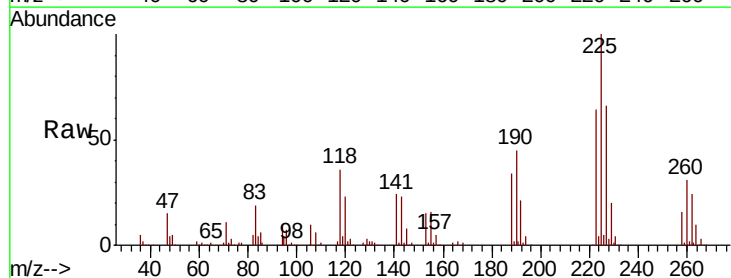


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

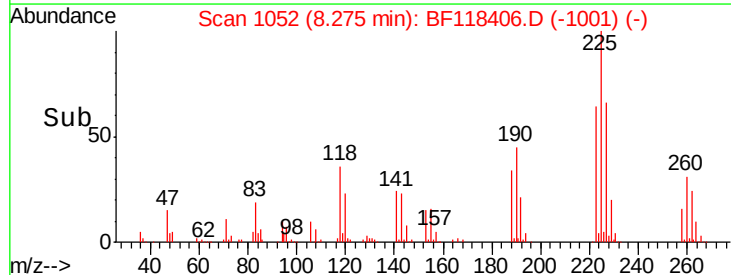
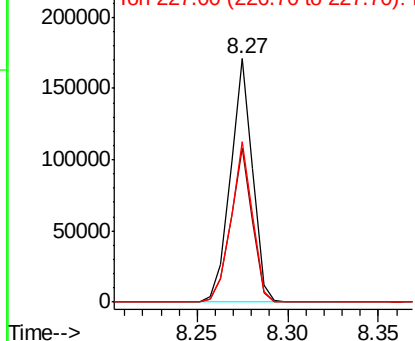


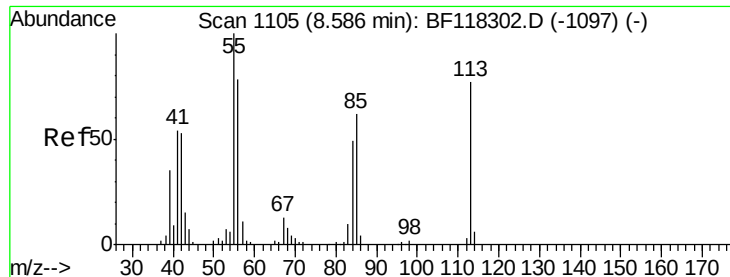
#34
Hexachlorobutadiene
Concen: 44.240 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:	225	Resp:	144371
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.5	74.3
227	66.0	51.0	76.4



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

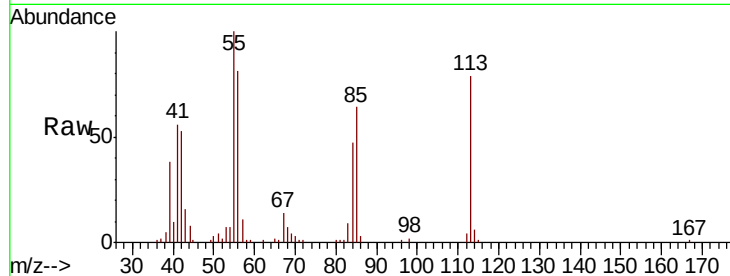




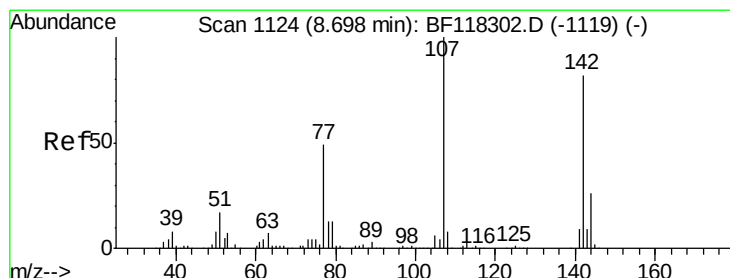
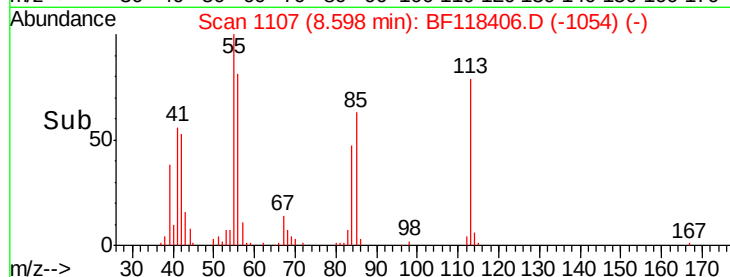
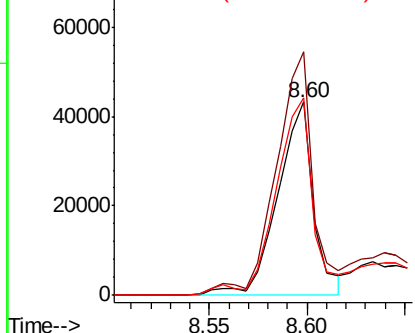
#35
 Caprolactam
 Concen: 37.185 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 54634
 Ion Ratio Lower Upper
 113 100
 55 125.9 109.8 149.8
 56 102.0 81.7 121.7

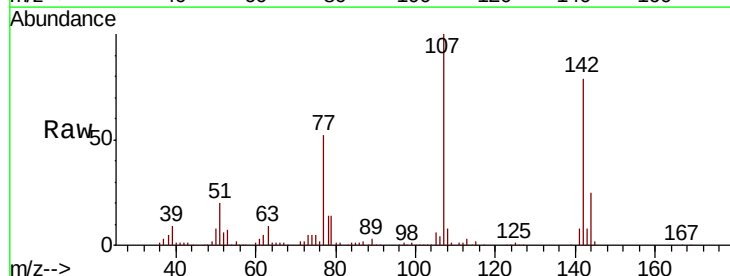


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

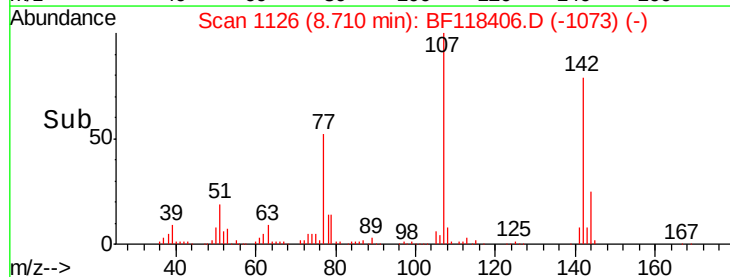
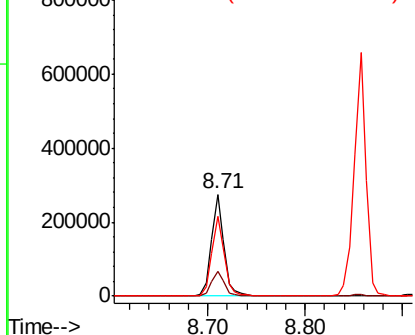


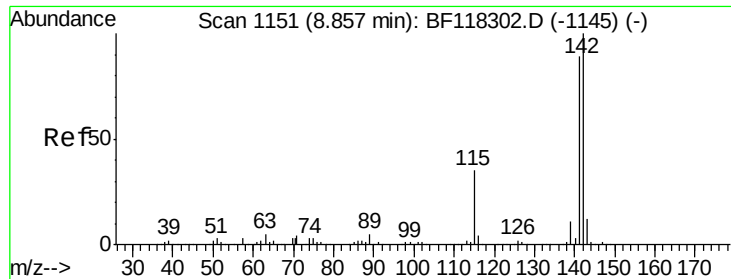
#36
 4-Chloro-3-methylphenol
 Concen: 48.577 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:107 Resp: 245446
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.2 31.8
 142 78.6 65.4 98.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

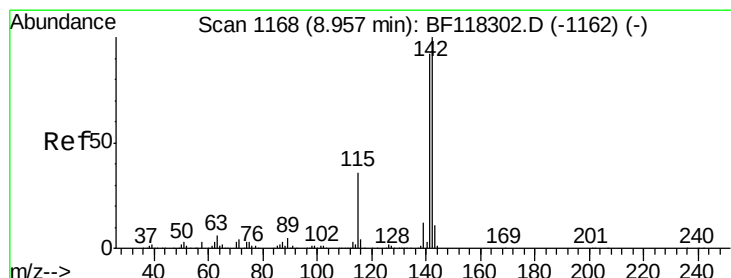
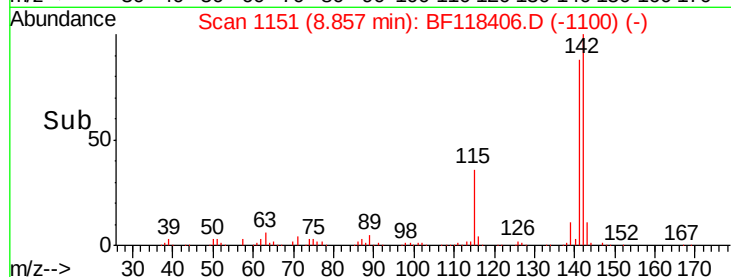
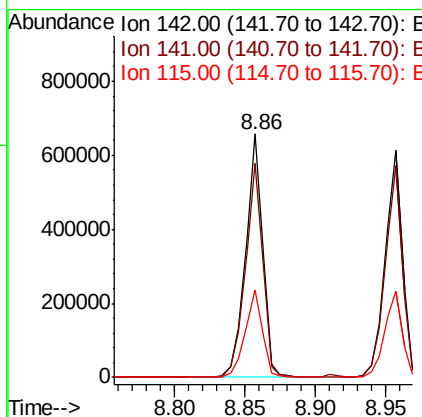
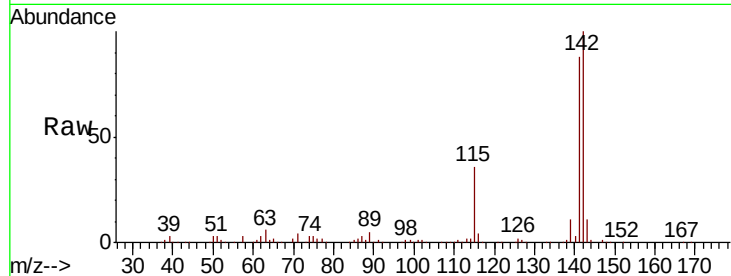




#37
2-Methylnaphthalene
Concen: 49.594 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

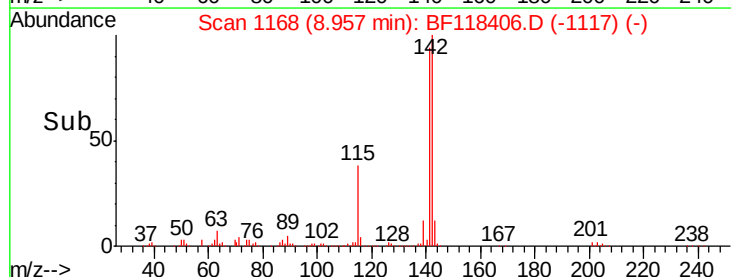
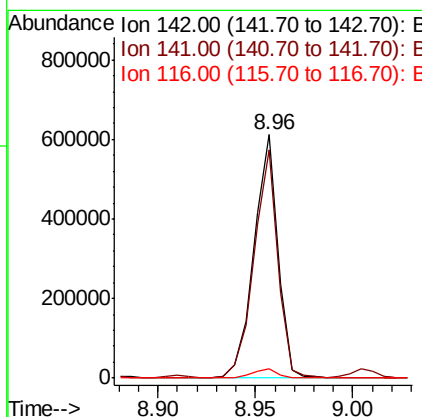
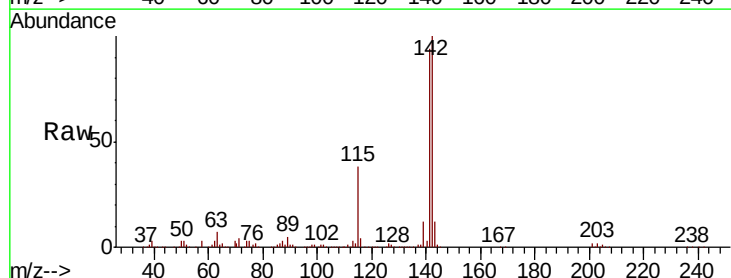
Instrument :
BNA_F
ClientSampleId :

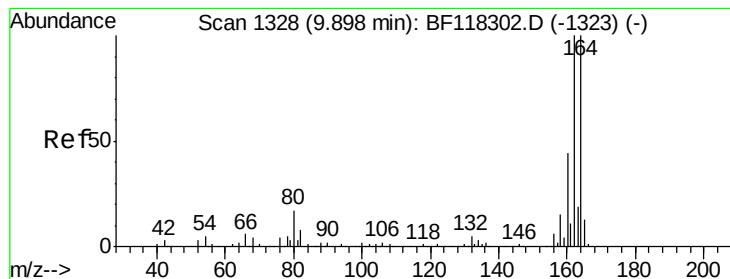
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	36.1	28.0	42.0



#38
1-Methylnaphthalene
Concen: 48.873 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.4	110.2
116	4.1	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

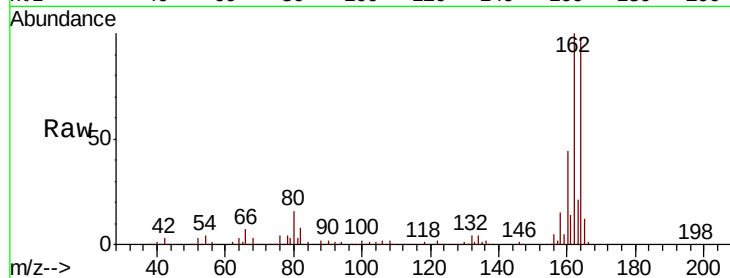
Tot Ion:164 Resp: 193046

Ion Ratio Lower Upper

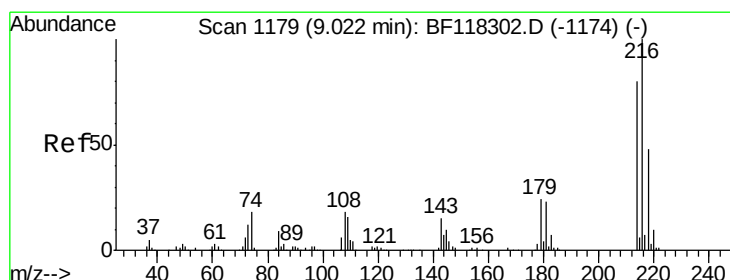
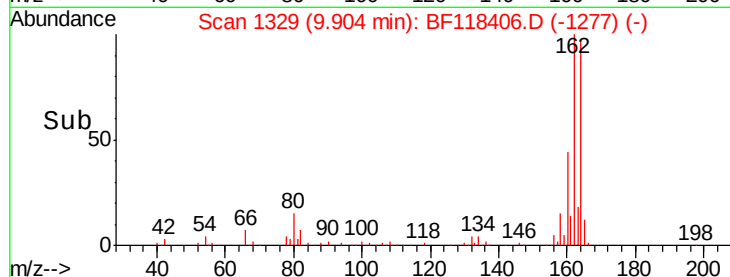
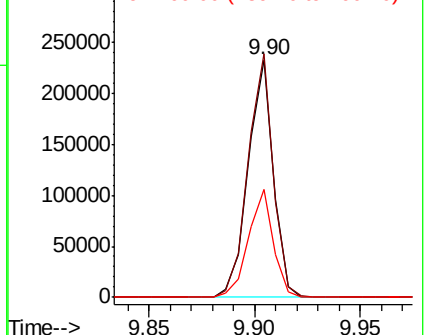
164 100

162 102.6 80.0 120.0

160 45.5 34.8 52.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.773 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:216 Resp: 236493

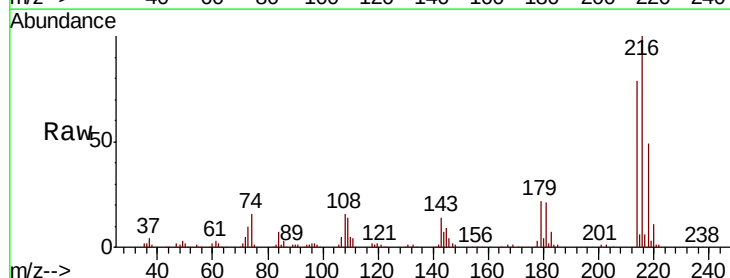
Ion Ratio Lower Upper

216 100

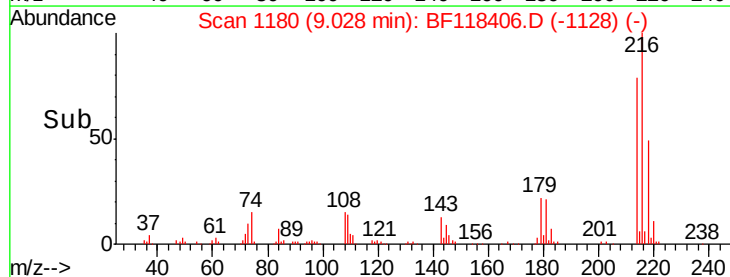
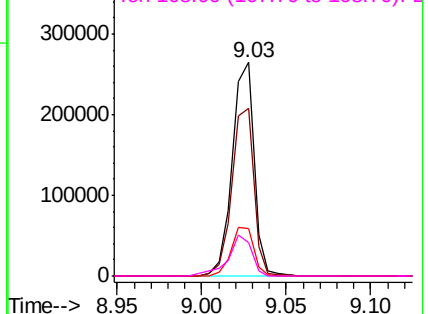
214 79.4 63.3 94.9

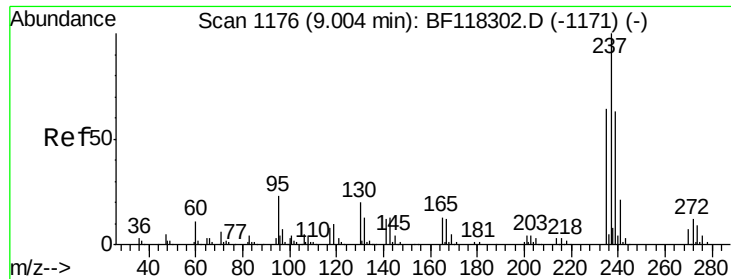
179 23.7 18.9 28.3

108 20.8 15.0 22.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

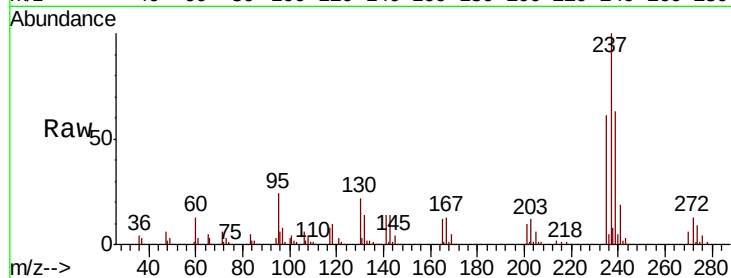




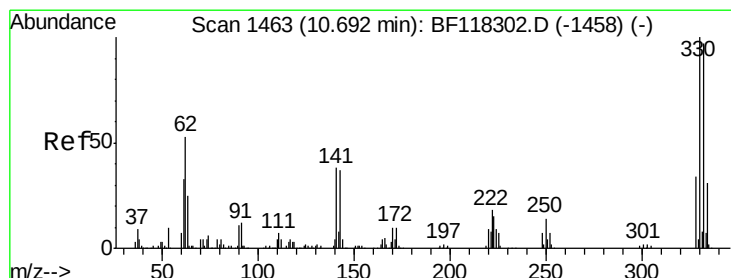
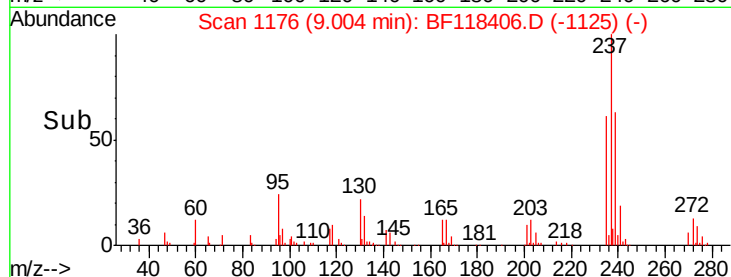
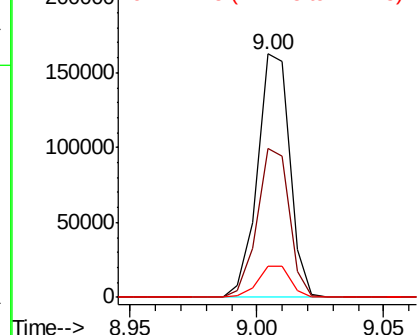
#41
Hexachlorocyclopentadiene
Concen: 61.905 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.2	43.8	83.8
272	13.0	0.0	31.7

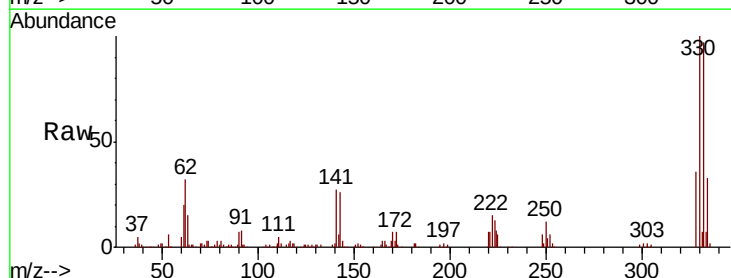


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

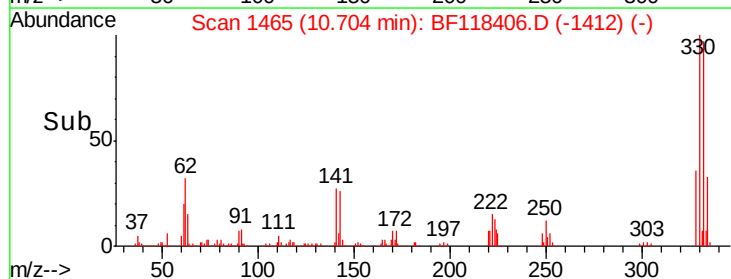
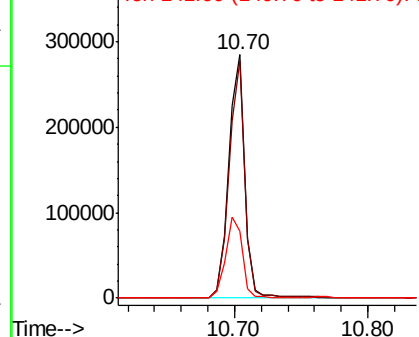


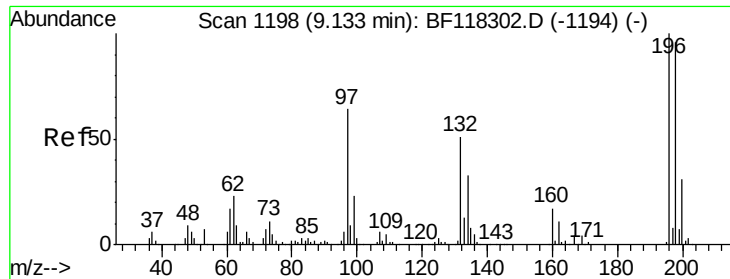
#42
2,4,6-Tribromophenol
Concen: 102.138 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	35.1	26.0	39.0



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

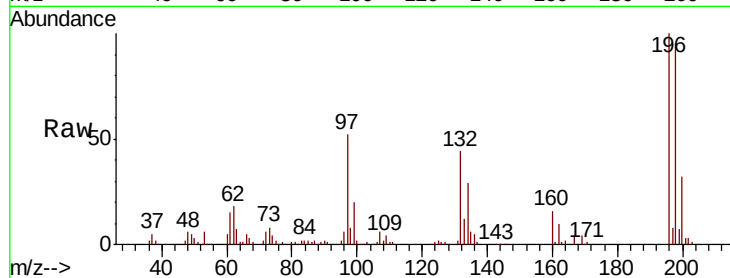




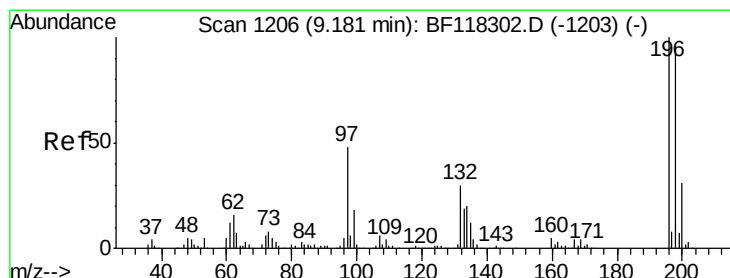
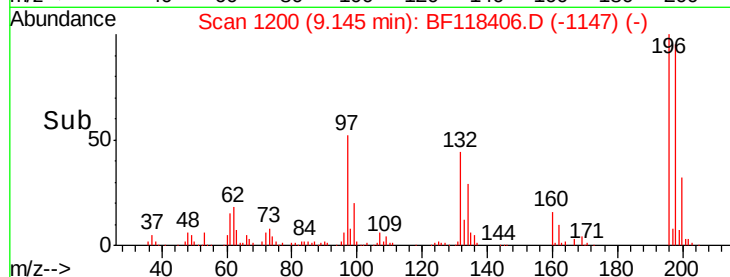
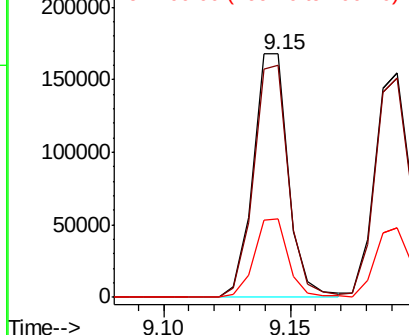
#43
 2,4,6-Trichlorophenol
 Concen: 41.983 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 162683
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.7 115.1
 200 32.5 24.8 37.2

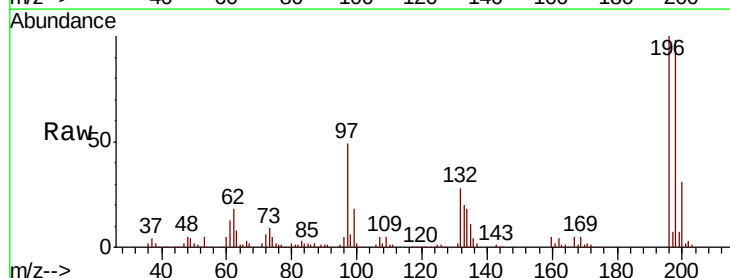


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

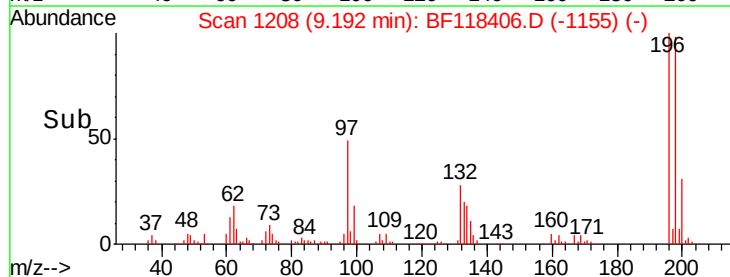
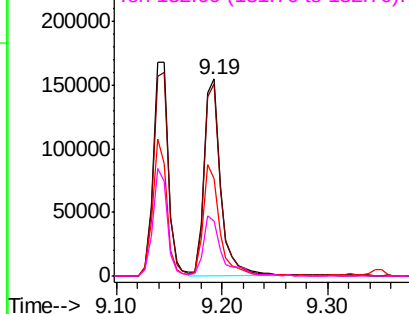


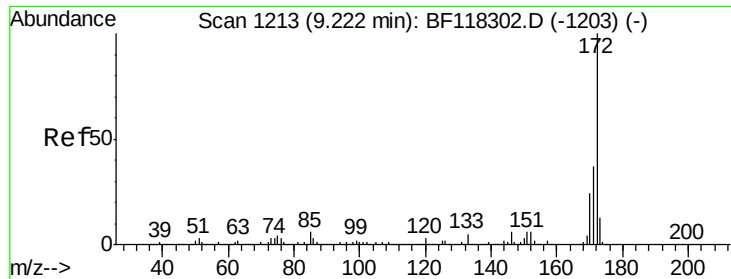
#44
 2,4,5-Trichlorophenol
 Concen: 42.628 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:196 Resp: 169921
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.0 115.4
 97 49.3 38.9 58.3
 132 28.0 23.9 35.9



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

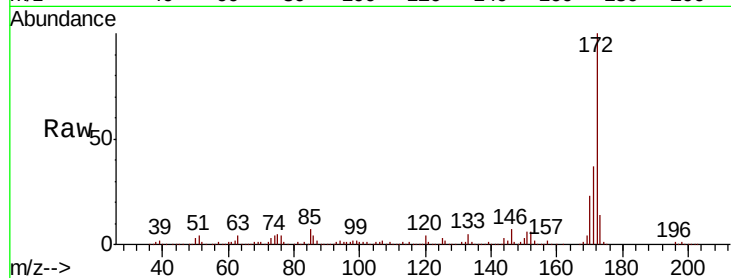




#45
2-Fluorobiphenyl
Concen: 67.768 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	23.4	19.2	28.8

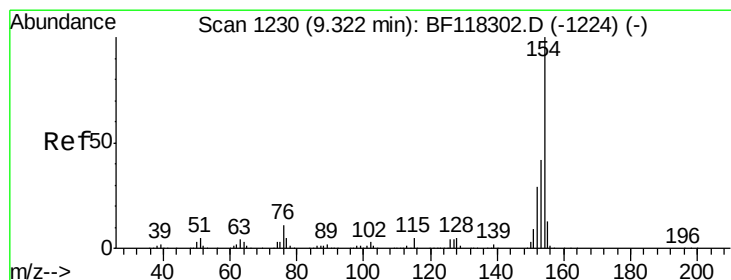
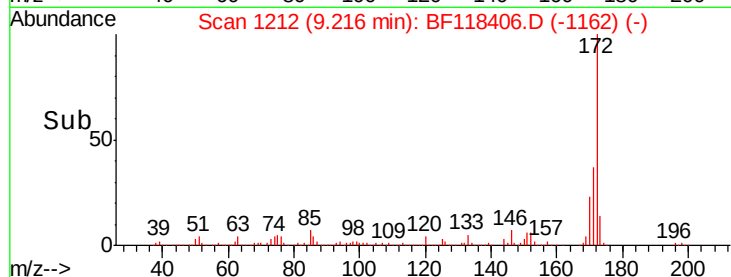
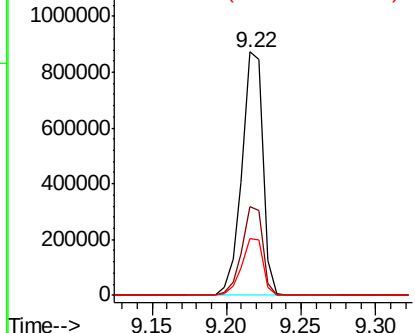


Abundance

Ion 172.00 (171.70 to 172.70): E

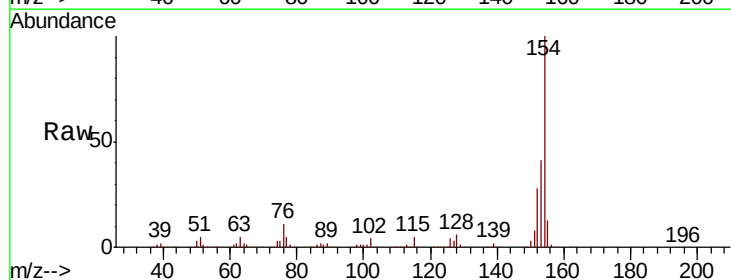
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.071 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.8	61.8
76	11.1	0.0	30.9

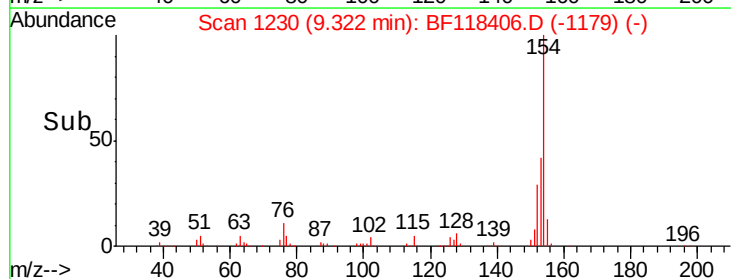
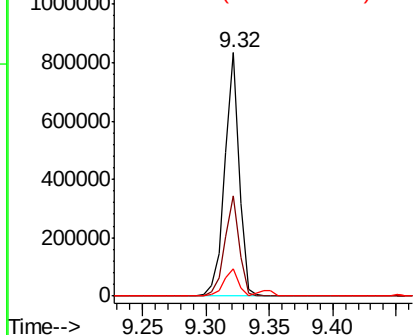


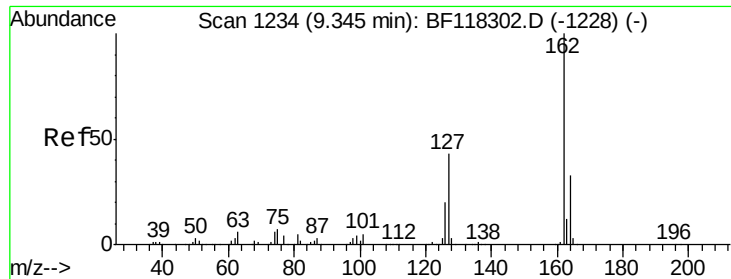
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

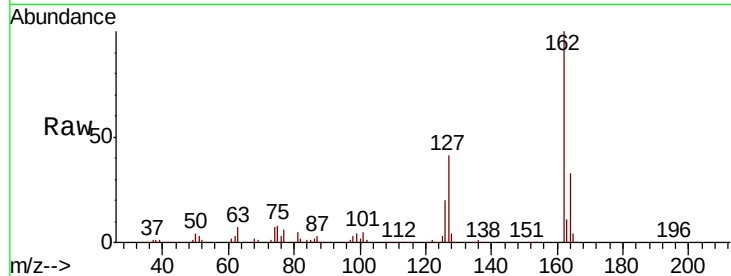




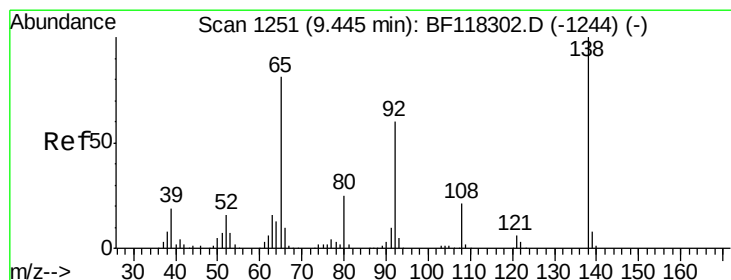
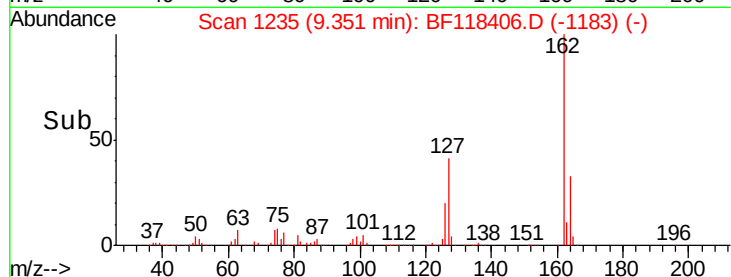
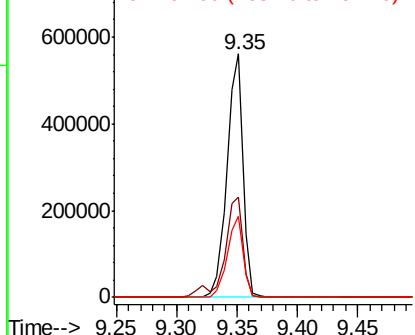
#47
 2-Chloronaphthalene
 Concen: 41.983 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	515928
Ion	Ratio	Lower	Upper
162	100		
127	41.2	35.0	52.4
164	33.1	26.6	40.0

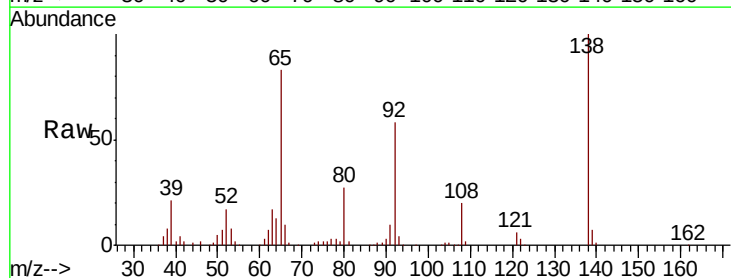


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

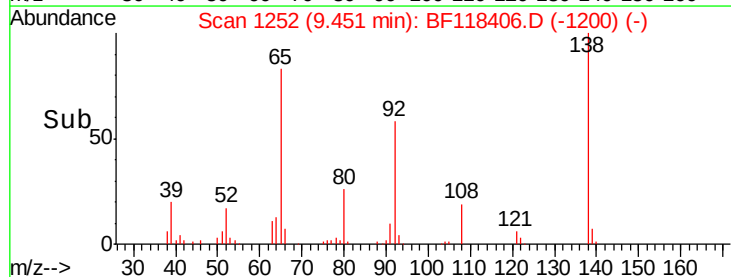
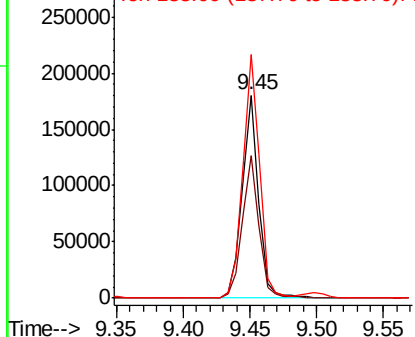


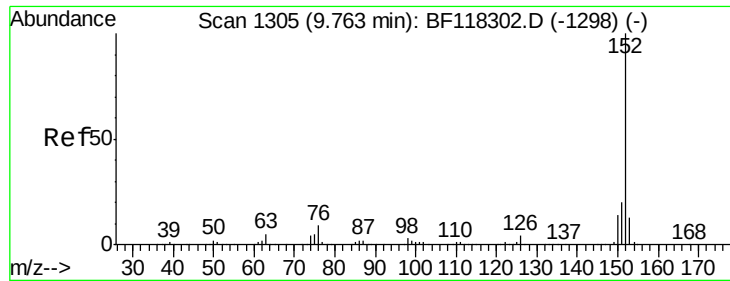
#48
 2-Nitroaniline
 Concen: 44.823 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:	65	Resp:	155584
Ion	Ratio	Lower	Upper
65	100		
92	70.1	58.7	88.1
138	120.0	98.5	147.7



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





#49

Acenaphthylene

Concen: 43.975 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampled :

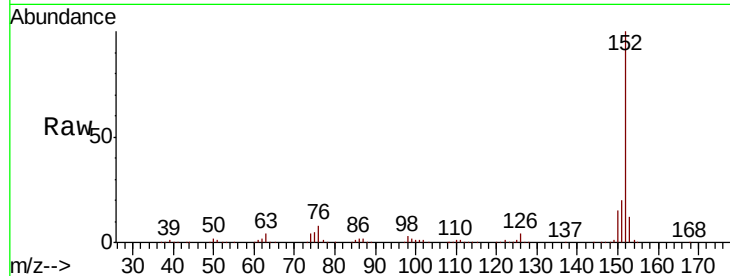
Tot Ion:152 Resp: 801470

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

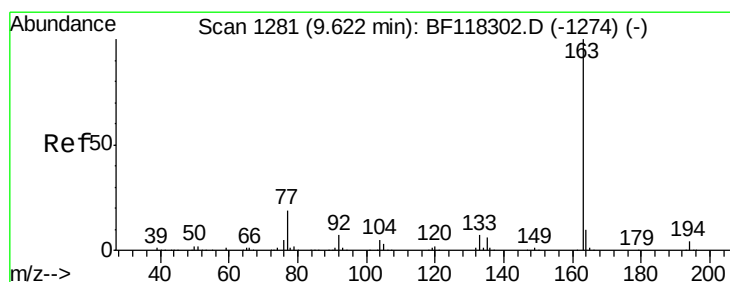
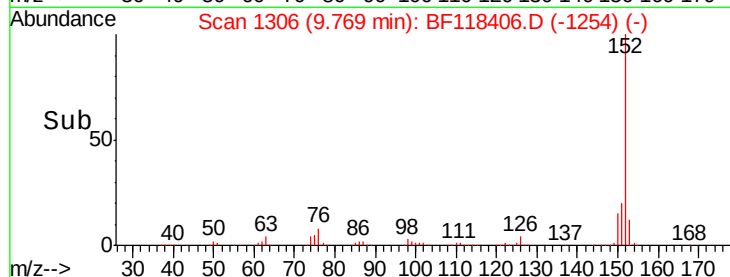
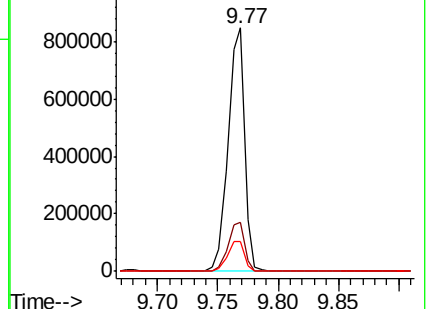
153 12.3 10.5 15.7



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



#50

Dimethylphthalate

Concen: 49.346 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

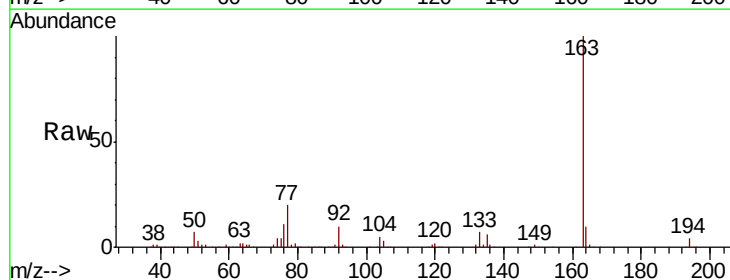
Tgt Ion:163 Resp: 715063

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

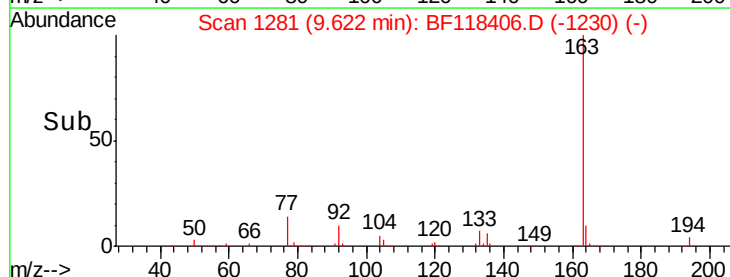
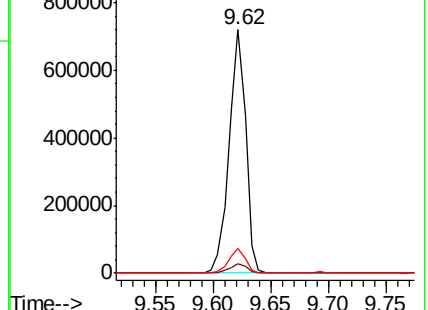
164 10.3 7.9 11.9

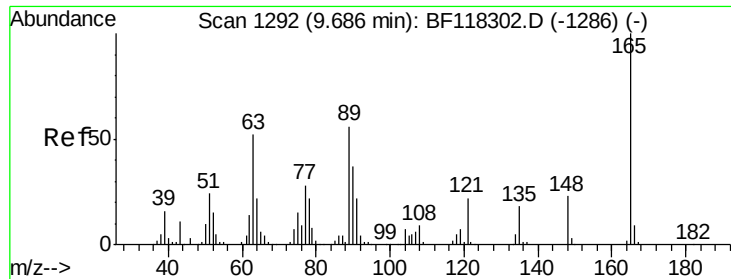


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

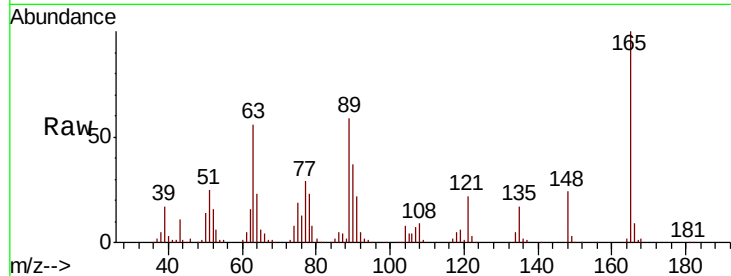




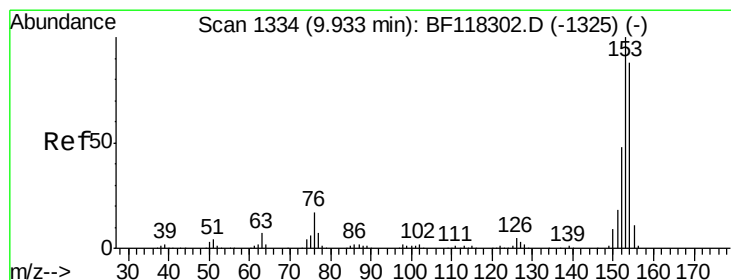
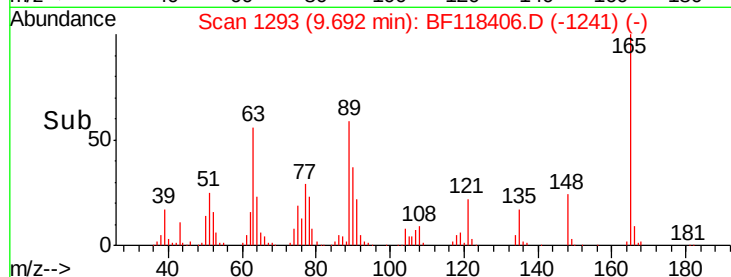
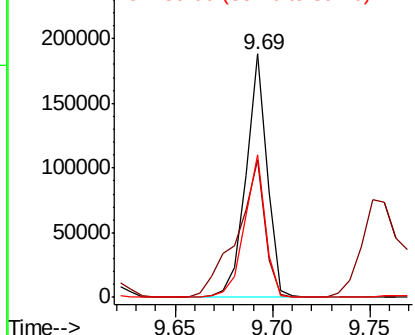
#51
 2,6-Dinitrotoluene
 Concen: 45.384 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	42.2	63.4
89	58.6	44.4	66.6

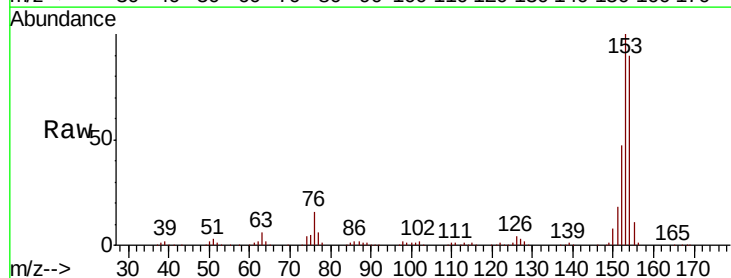


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

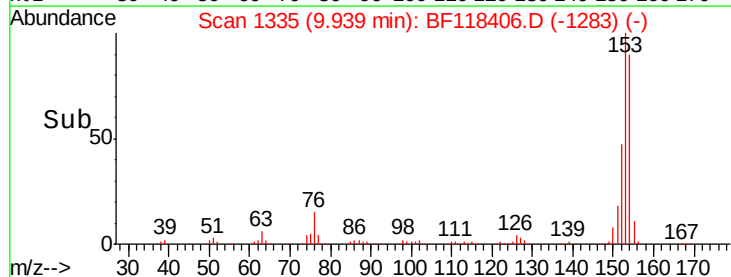
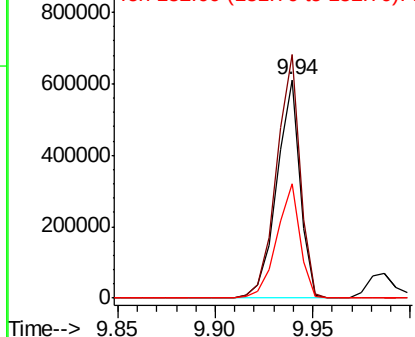


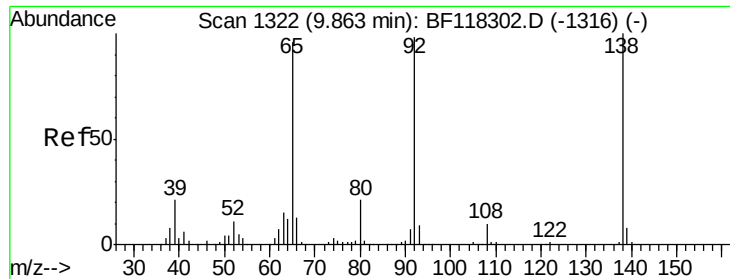
#52
 Acenaphthene
 Concen: 45.361 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.6	136.0
152	52.3	43.1	64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

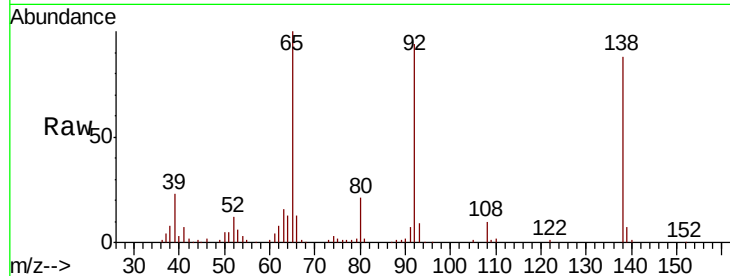




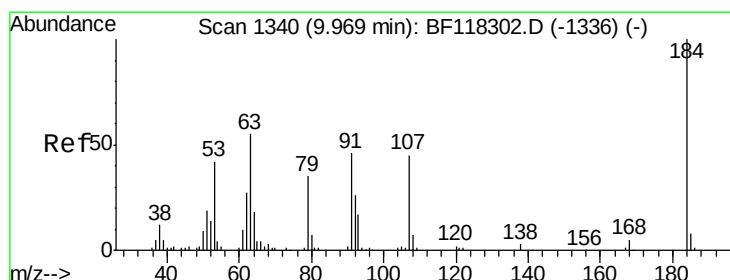
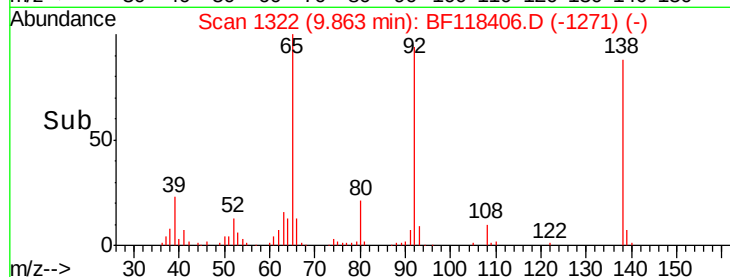
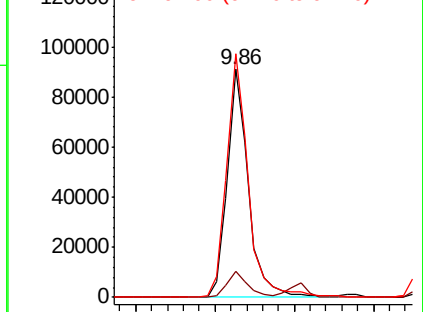
#53
3-Nitroaniline
Concen: 22.956 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 84174
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.8
92 106.9 78.2 117.2

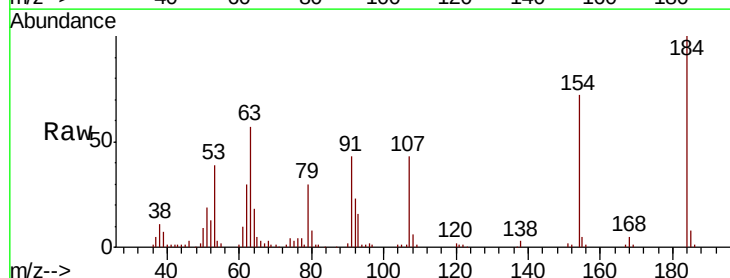


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

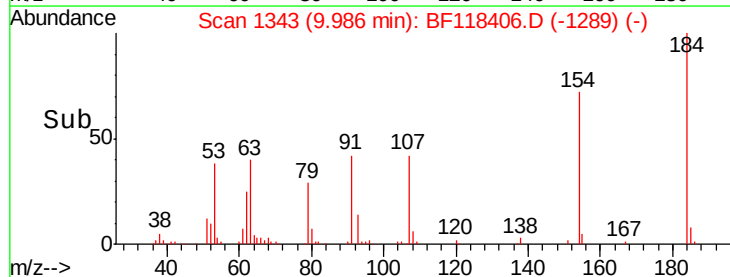
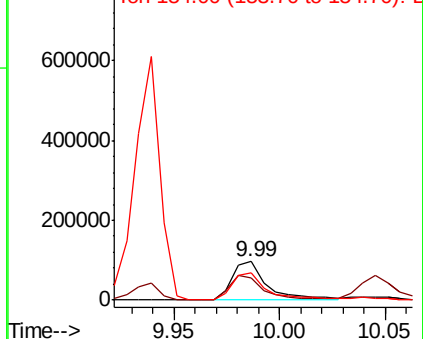


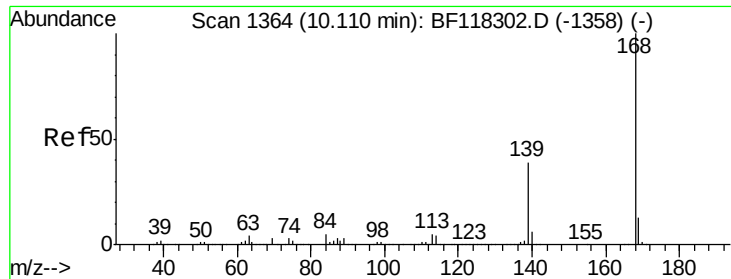
#54
2,4-Dinitrophenol
Concen: 71.031 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:184 Resp: 110909
Ion Ratio Lower Upper
184 100
63 56.8 48.8 73.2
154 71.7 55.0 82.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

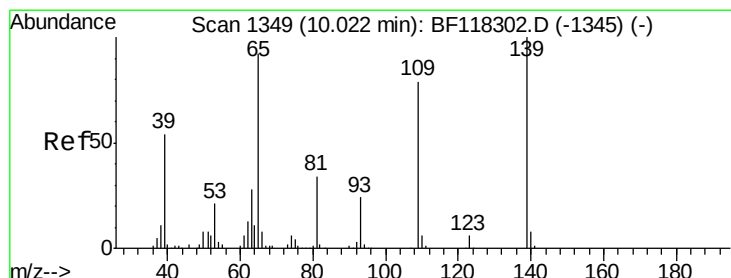
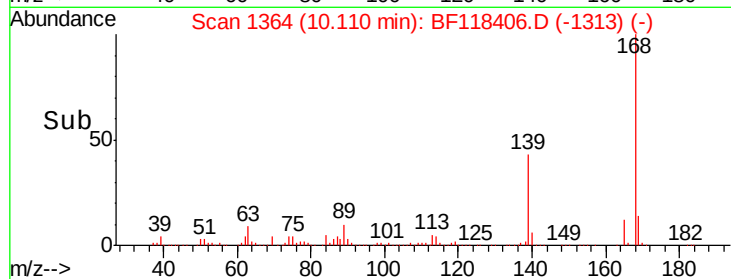
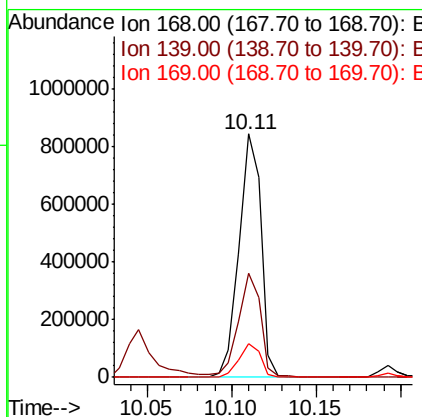
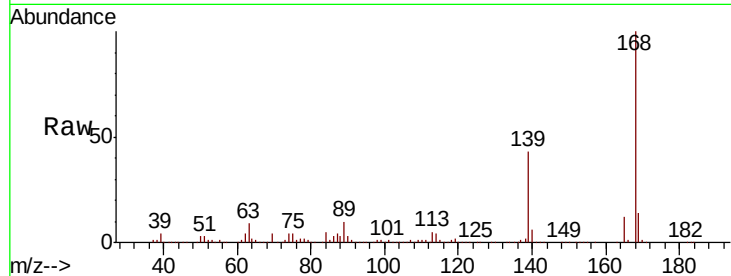




#55
Dibenzenofuran
Concen: 46.693 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

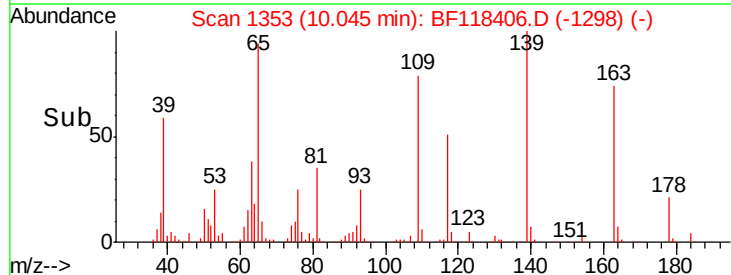
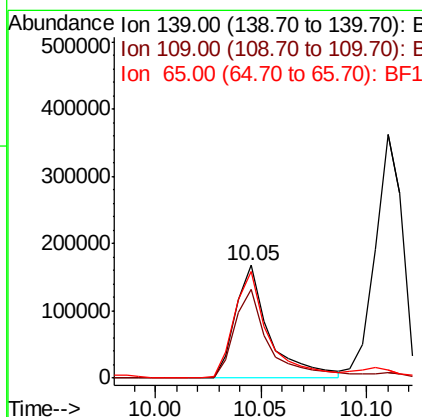
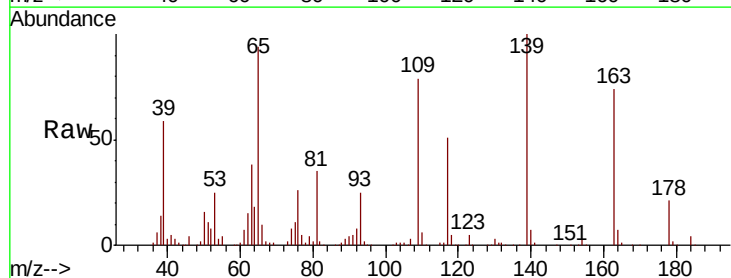
Instrument :
BNA_F
ClientSampleId :

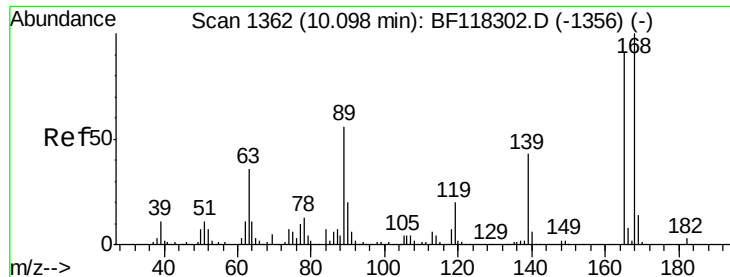
Tot Ion:168 Resp: 765924
Ion Ratio Lower Upper
168 100
139 42.8 31.5 47.3
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 82.748 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:139 Resp: 187312
Ion Ratio Lower Upper
139 100
109 78.6 59.3 99.3
65 94.4 72.4 112.4

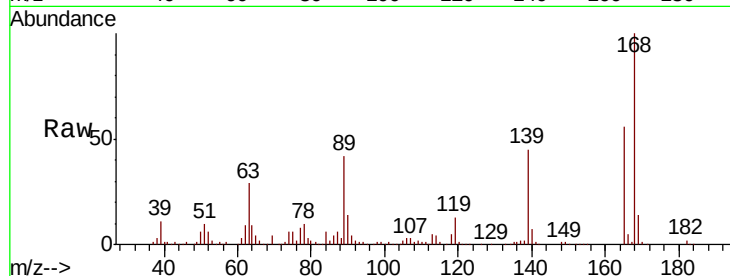




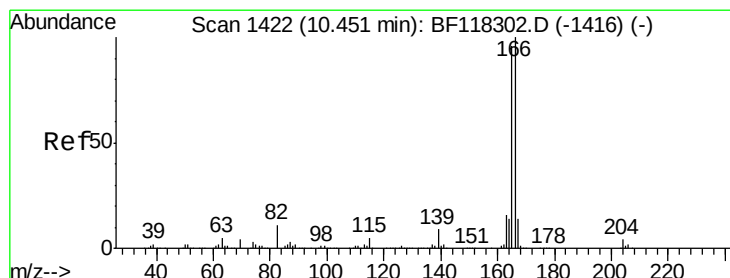
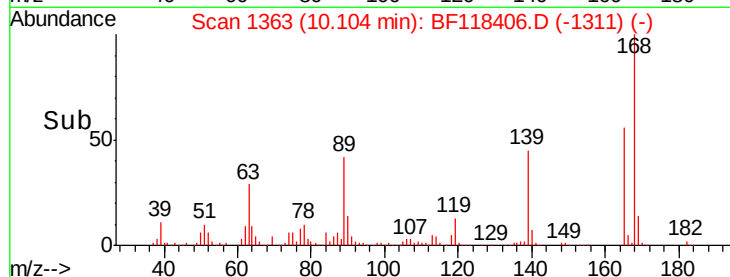
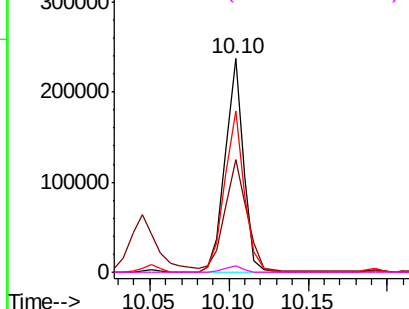
#57
2,4-Dinitrotoluene
Concen: 45.520 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	32.0	48.0#
89	75.4	49.3	73.9#
182	2.8	2.4	3.6

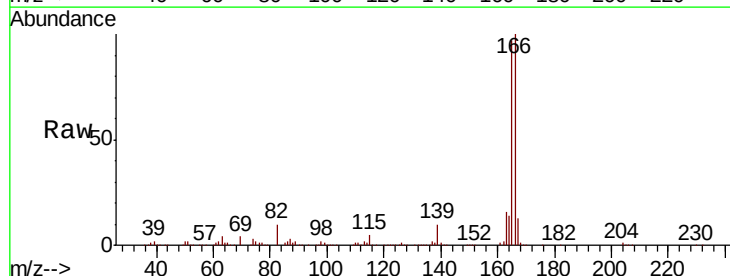


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

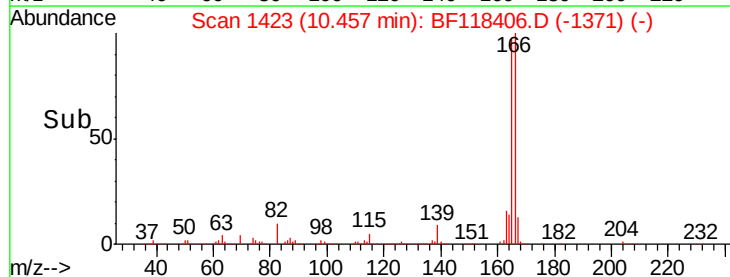
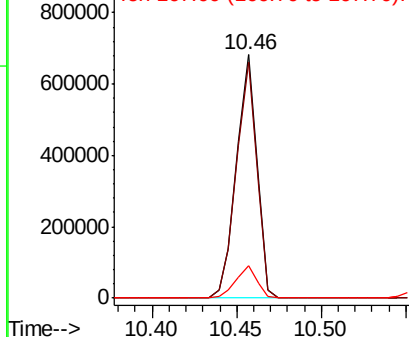


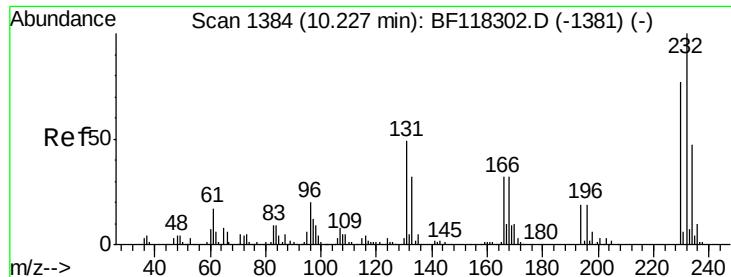
#58
Fluorene
Concen: 43.565 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.0	115.4
167	13.1	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.431 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 150484

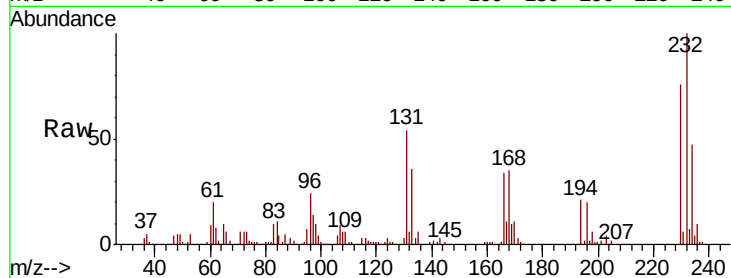
Ion Ratio Lower Upper

232 100

131 46.2 37.7 56.5

130 2.7 2.0 3.0

166 31.0 24.7 37.1

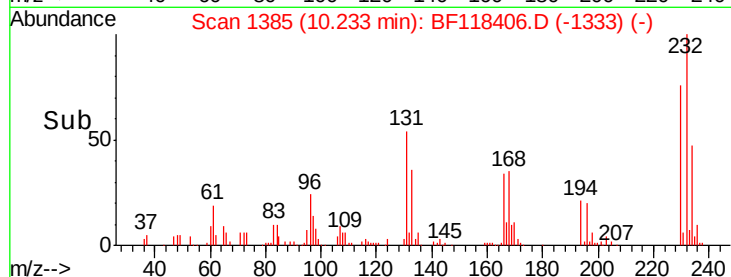


Abundance Ion 232.00 (231.70 to 232.70): E

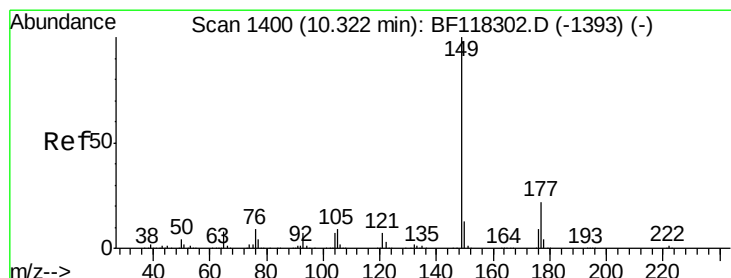
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.808 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

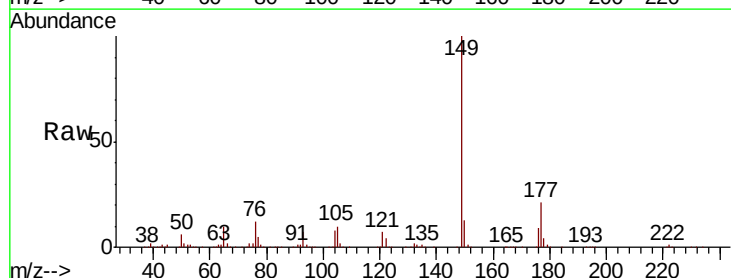
Tgt Ion:149 Resp: 599351

Ion Ratio Lower Upper

149 100

177 21.0 17.9 26.9

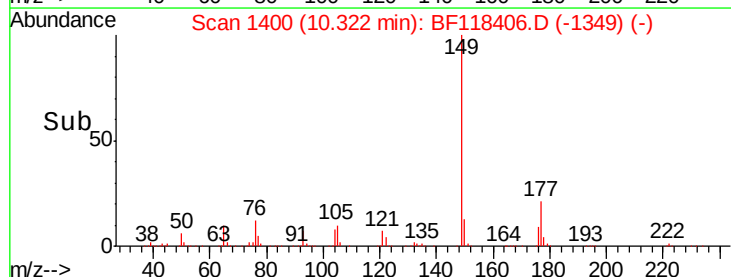
150 13.1 10.2 15.2



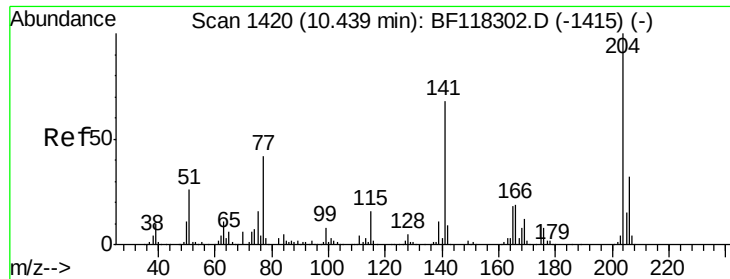
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



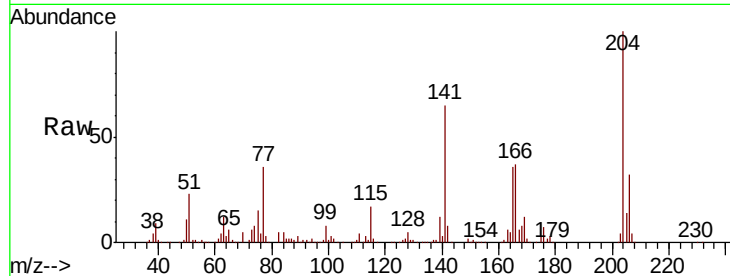
Time-->



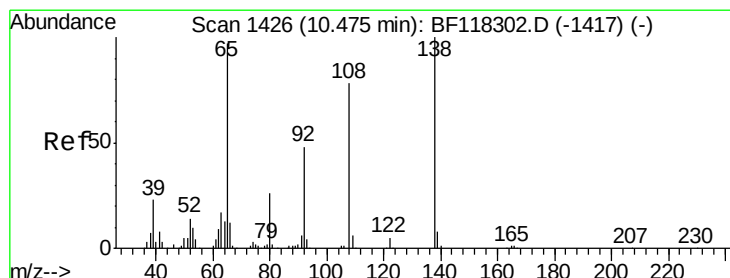
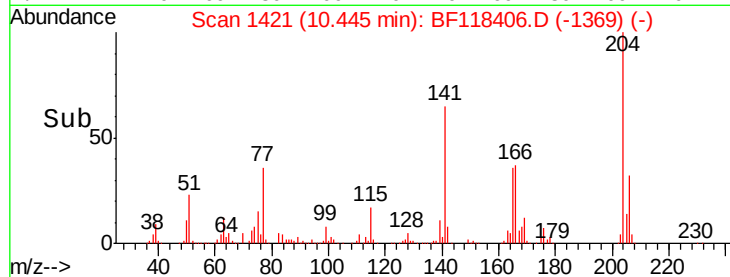
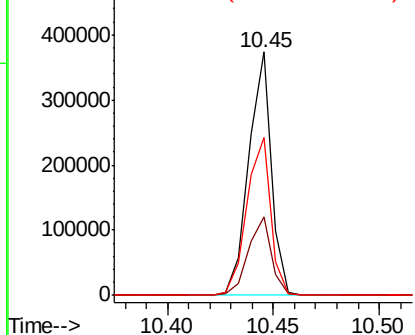
#61
 4-Chlorophenyl-phenylether
 Concen: 42.282 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	279498
Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	65.1	54.2	81.4

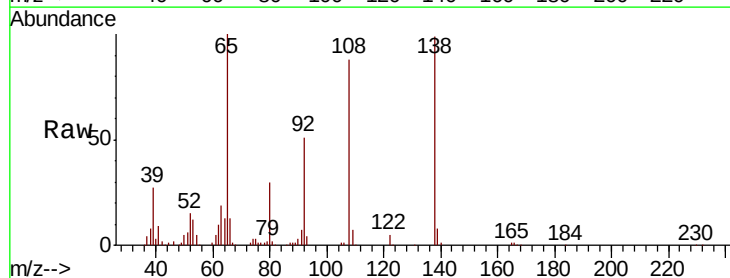


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

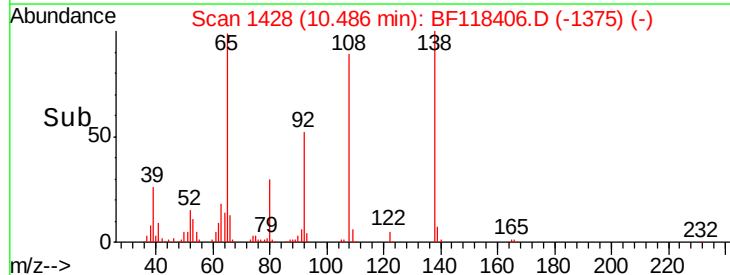
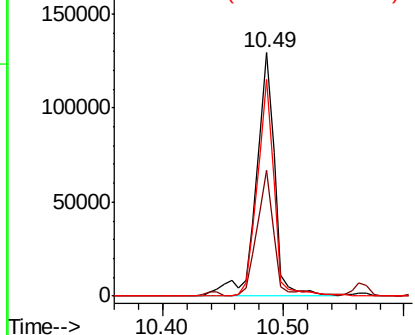


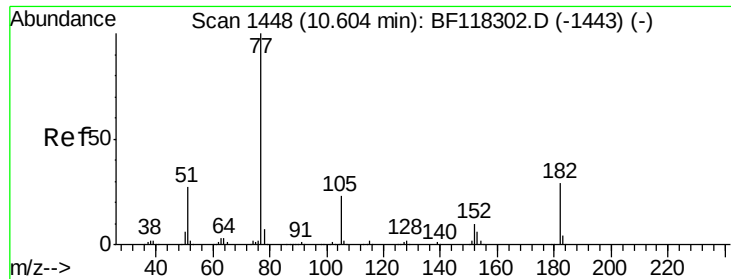
#62
 4-Nitroaniline
 Concen: 36.411 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:	138	Resp:	138697
Ion	Ratio	Lower	Upper
138	100		
92	51.6	27.9	67.9
108	88.8	58.1	98.1



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





#63

Azobenzene

Concen: 45.441 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 557985

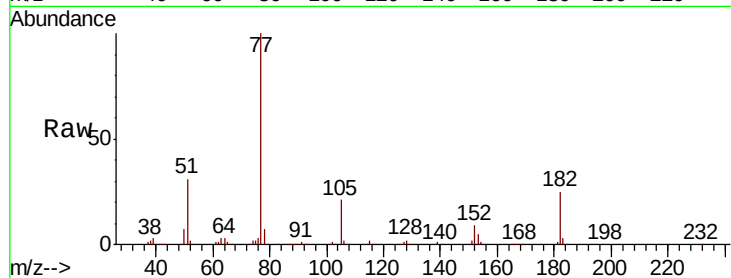
Ion Ratio Lower Upper

77 100

182 24.8 9.2 49.2

105 21.5 3.2 43.2

51 30.6 7.1 47.1

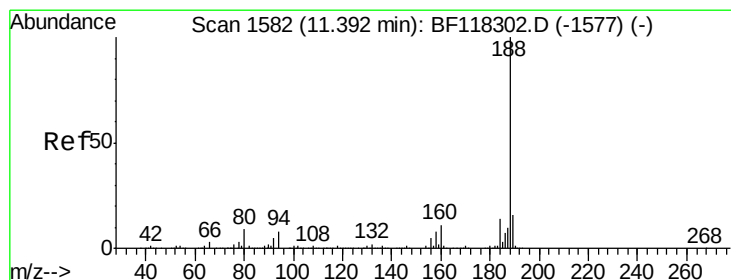
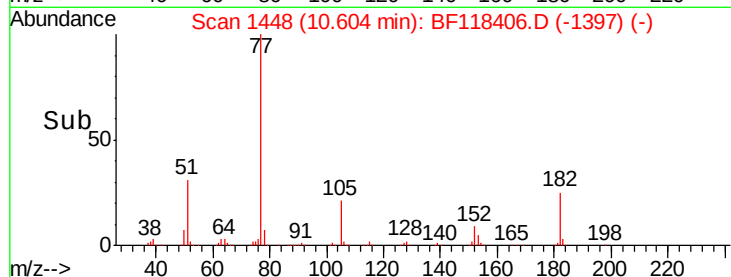
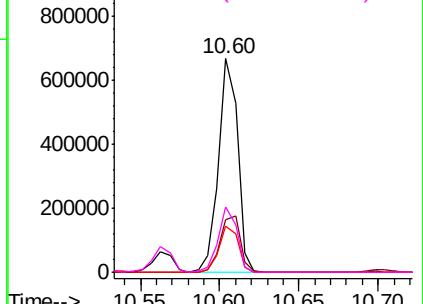


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

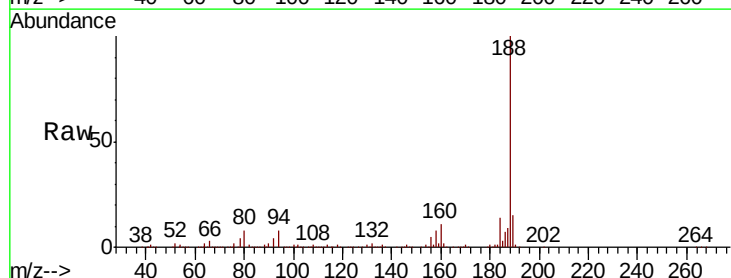
Tgt Ion: 188 Resp: 328586

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

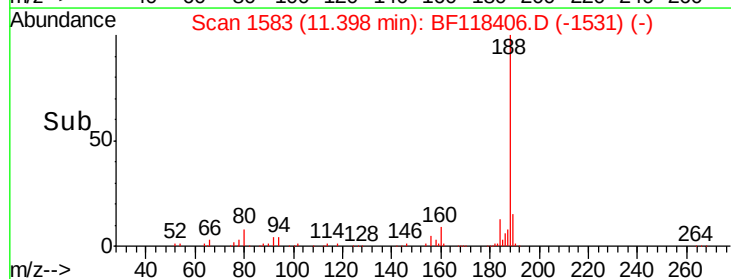
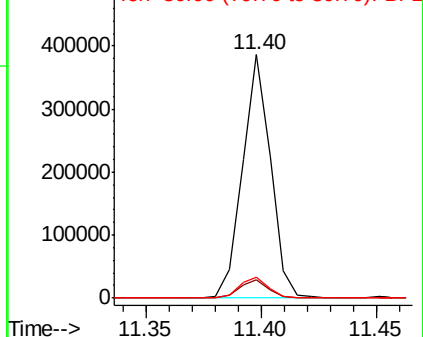
80 8.5 7.2 10.8

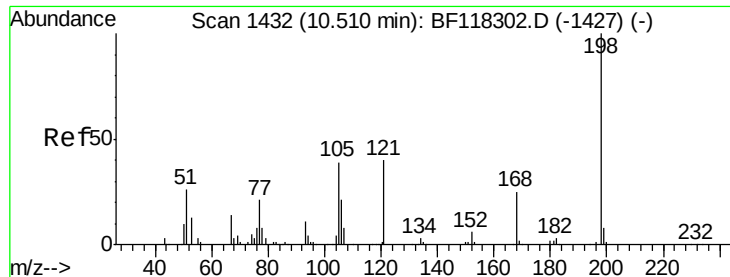


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.783 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampled :

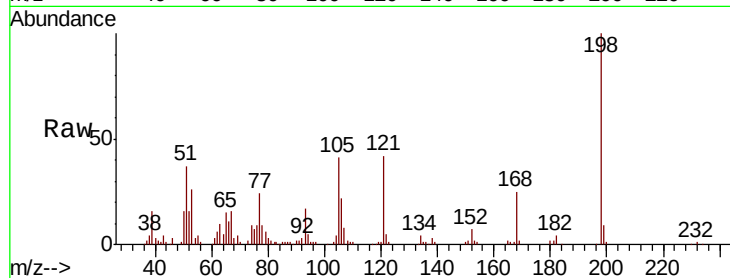
Tot Ion:198 Resp: 84700

Ion Ratio Lower Upper

198 100

51 37.5 12.8 52.8

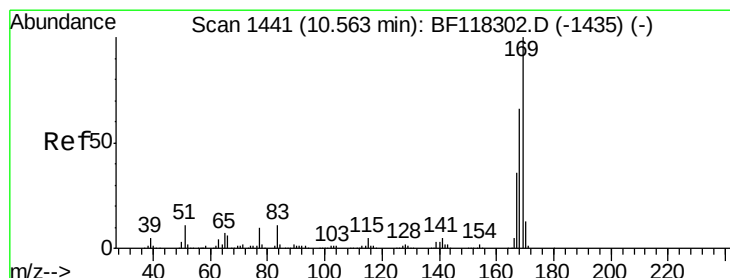
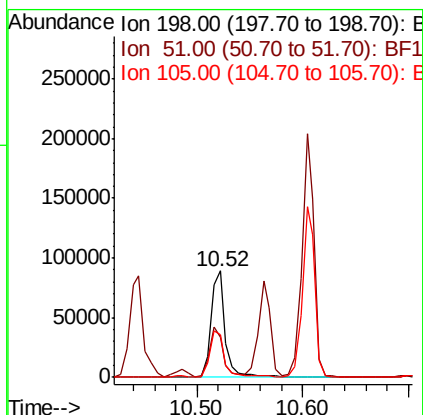
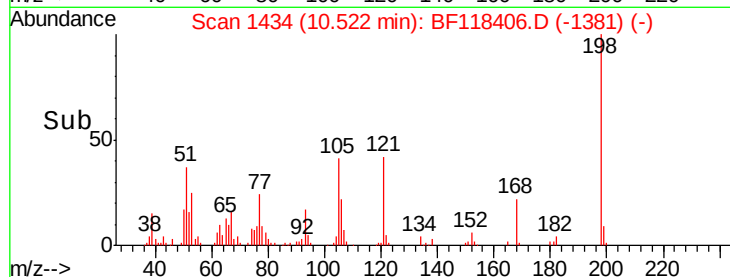
105 40.7 20.3 60.3



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



#66

n-Nitrosodiphenylamine

Concen: 48.480 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

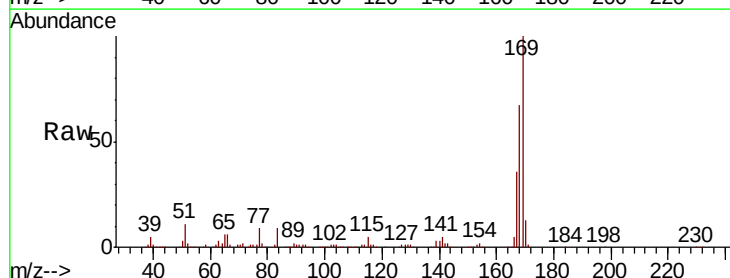
Tgt Ion:169 Resp: 510553

Ion Ratio Lower Upper

169 100

168 66.9 52.6 79.0

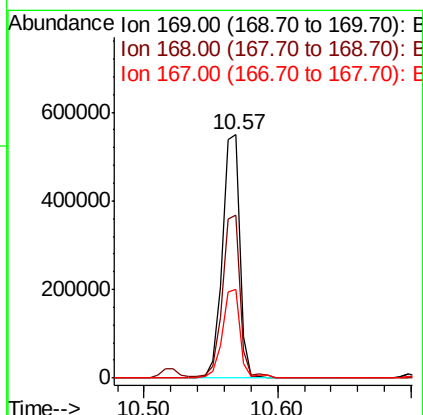
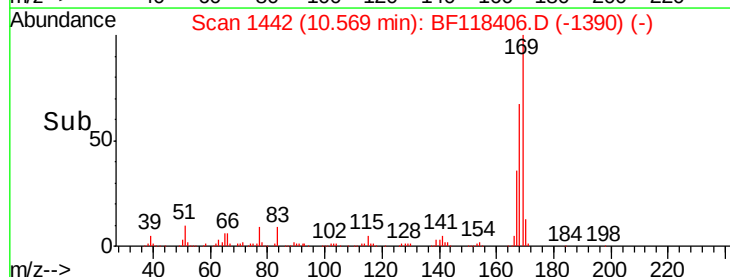
167 36.3 28.4 42.6

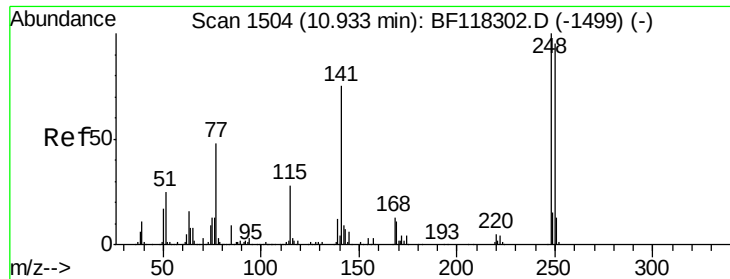


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

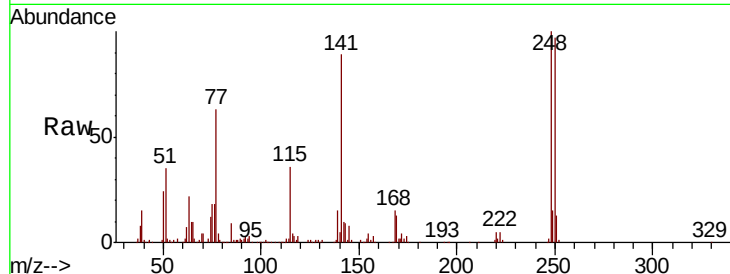




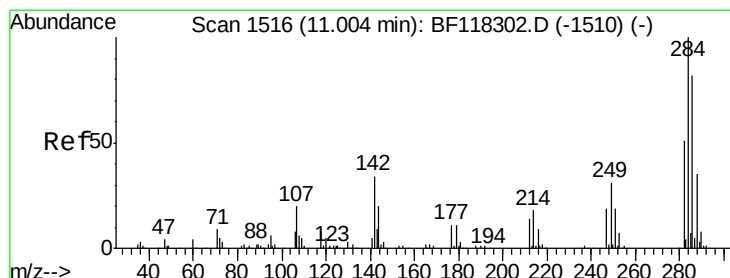
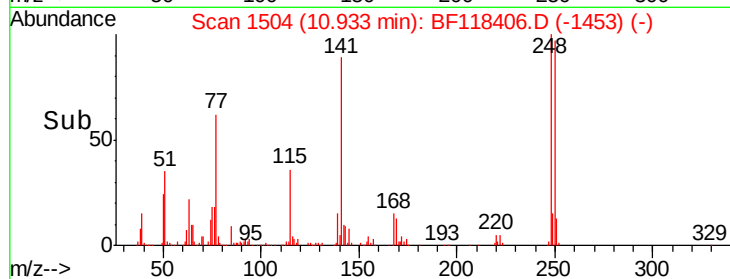
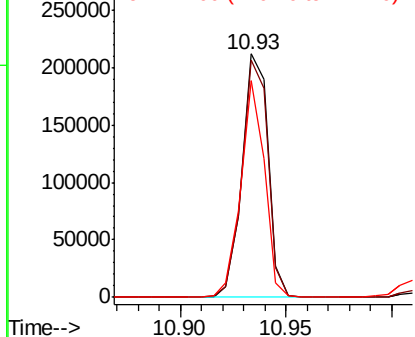
#67
 4-Bromophenyl-phenylether
 Concen: 47.022 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 180817
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.4 114.6
 141 89.0 60.2 90.2

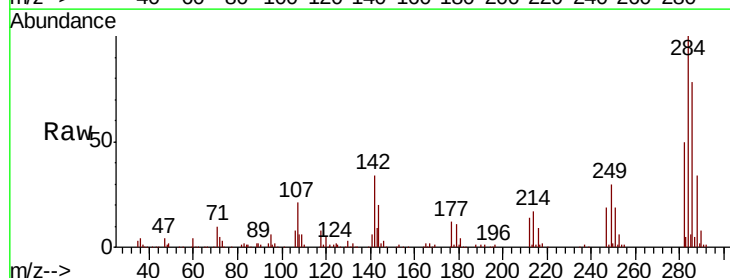


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

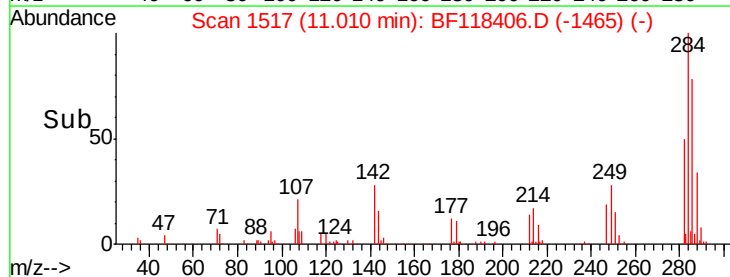
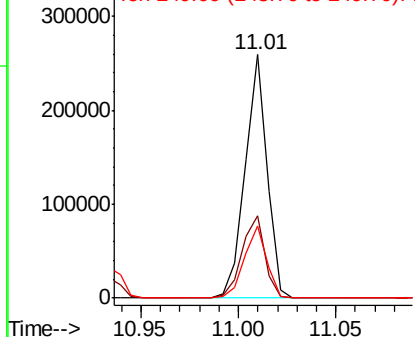


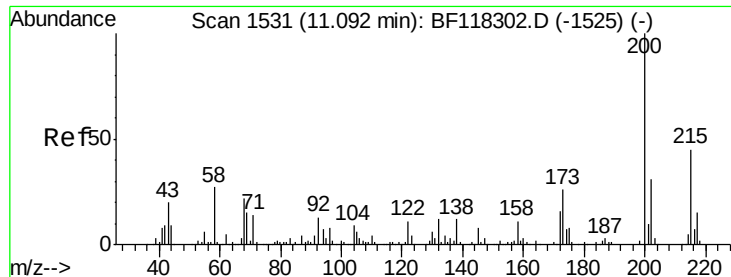
#68
 Hexachlorobenzene
 Concen: 44.651 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF118406.D
 Acq: 31 Dec 2019 15:37

Tgt Ion:284 Resp: 202106
 Ion Ratio Lower Upper
 284 100
 142 33.6 27.3 40.9
 249 29.6 25.0 37.6



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

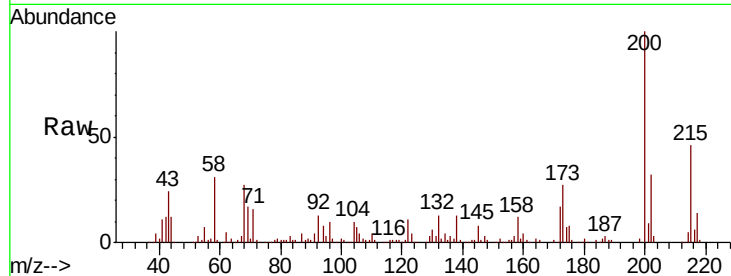




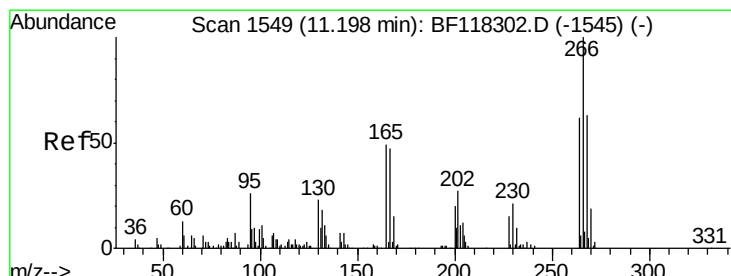
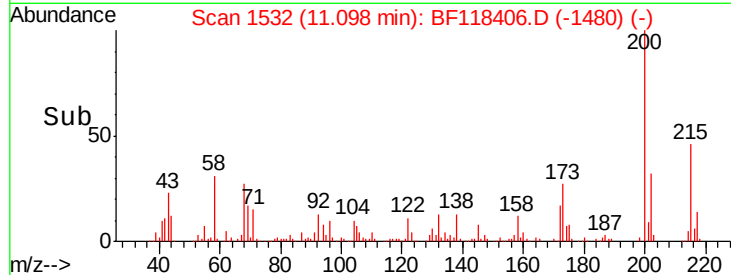
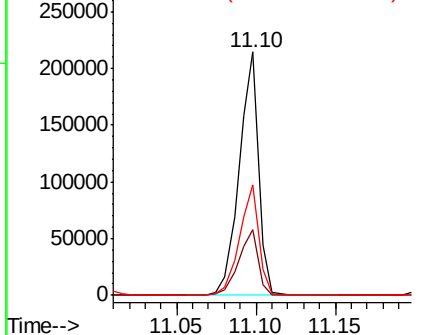
#69
Atrazine
Concen: 55.435 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 180176
Ion Ratio Lower Upper
200 100
173 26.8 5.8 45.8
215 45.5 25.1 65.1

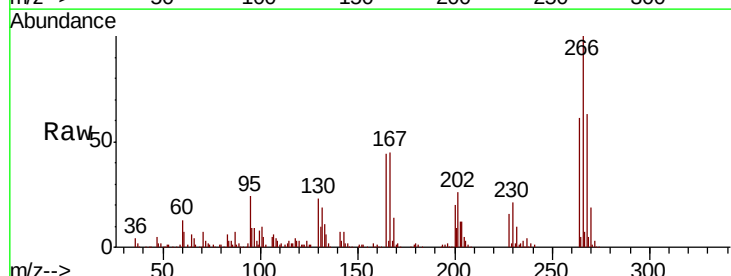


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

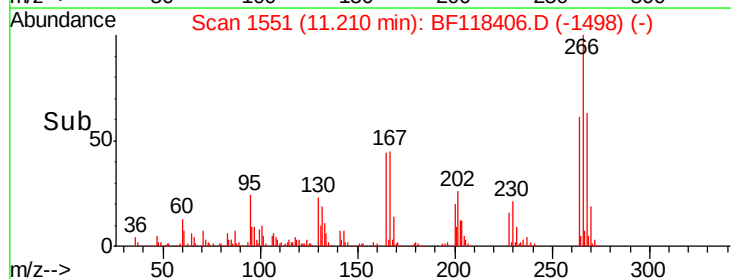
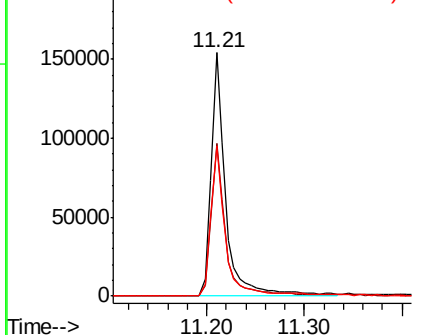


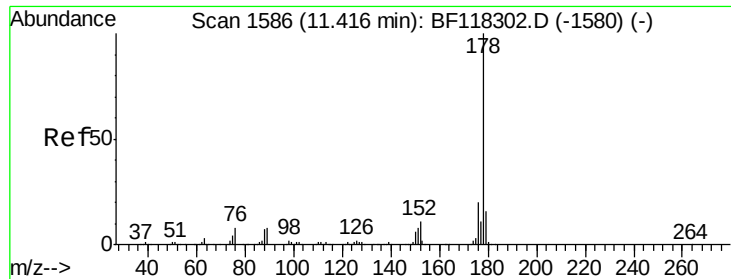
#70
Pentachlorophenol
Concen: 81.754 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:266 Resp: 160262
Ion Ratio Lower Upper
266 100
268 62.7 50.6 76.0
264 61.4 49.9 74.9



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





#71

Phenanthrene

Concen: 50.435 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

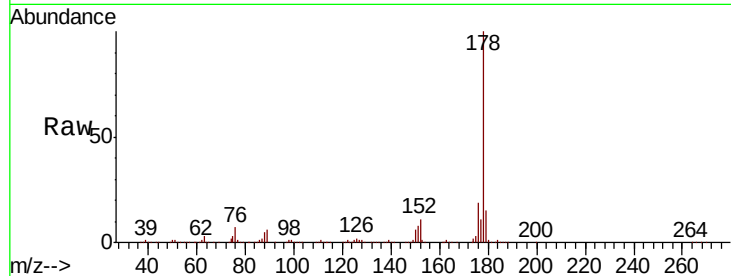
Tot Ion:178 Resp: 903439

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

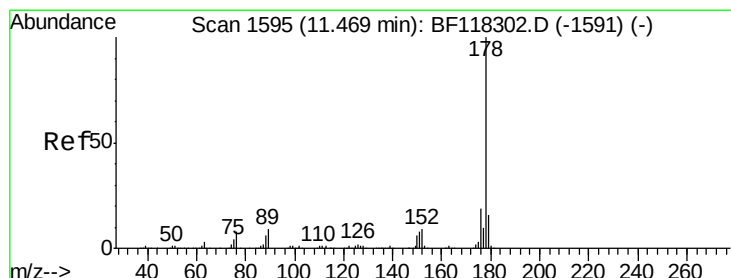
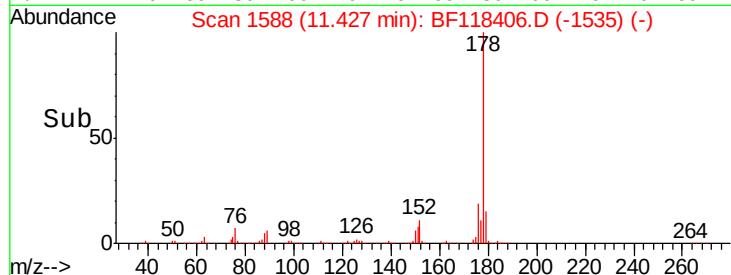
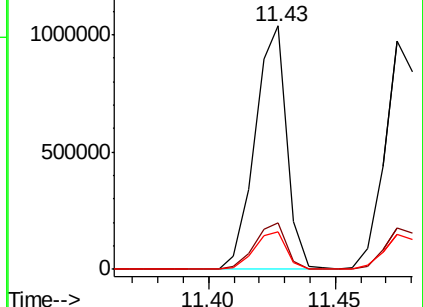
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.528 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

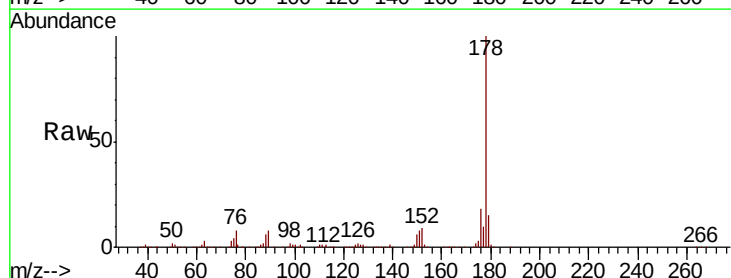
Tgt Ion:178 Resp: 888014

Ion Ratio Lower Upper

178 100

176 18.1 15.2 22.8

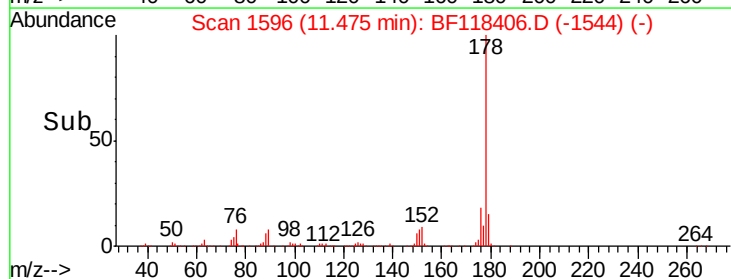
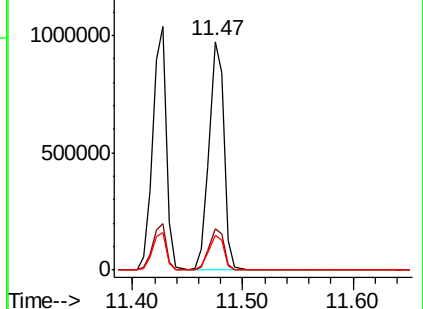
179 15.1 12.9 19.3

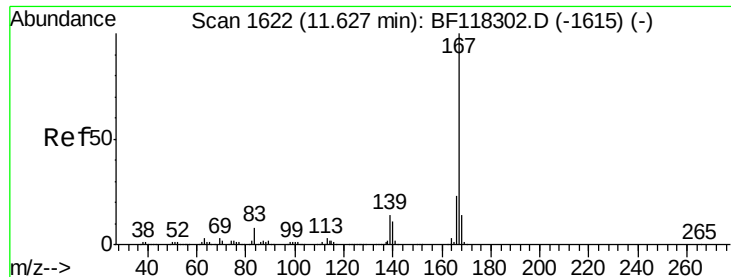


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.963 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampled :

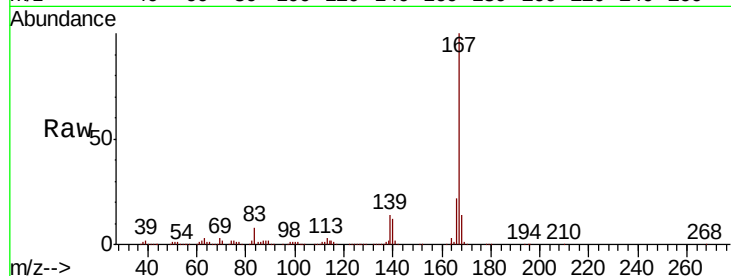
Tot Ion:167 Resp: 747162

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

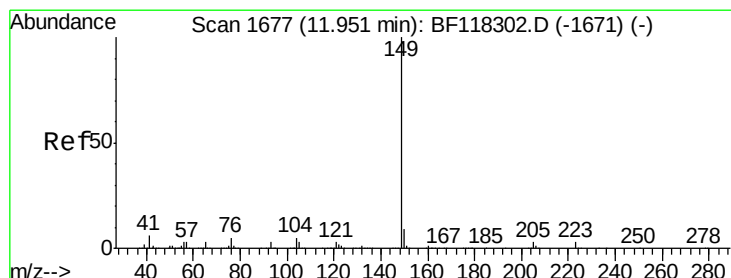
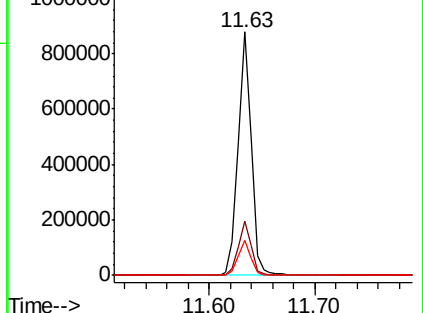
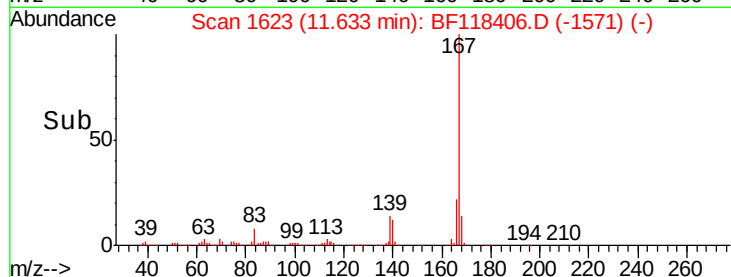
139 14.2 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.422 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

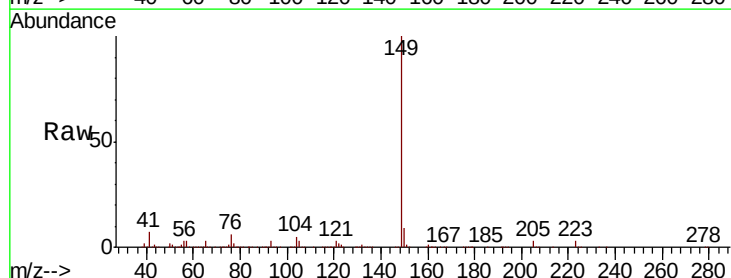
Tgt Ion:149 Resp: 976811

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

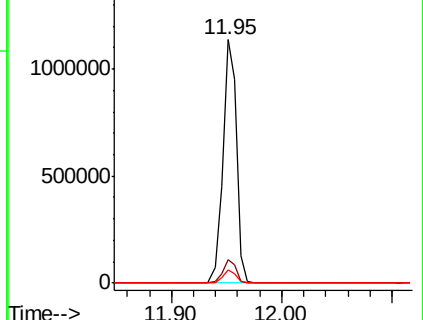
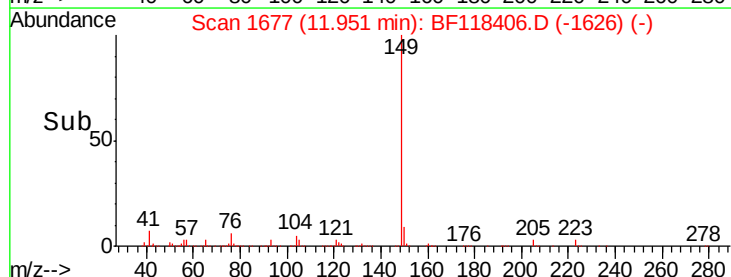
104 5.5 4.0 6.0

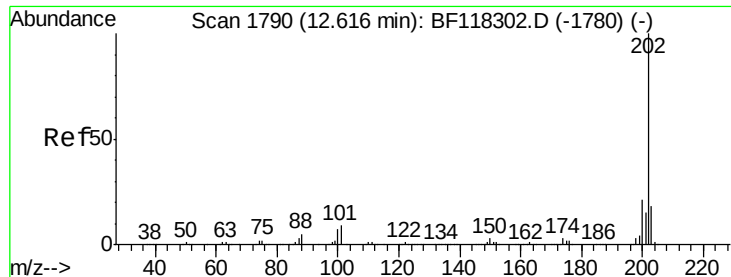


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.817 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

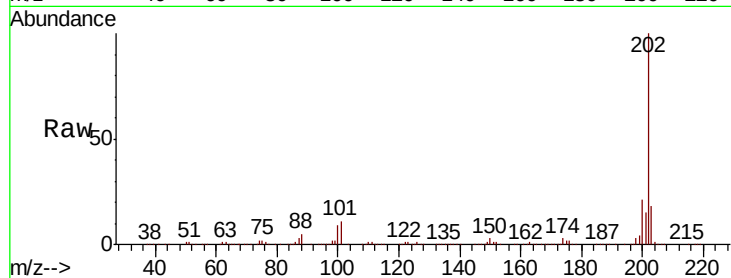
Tot Ion:202 Resp: 1027137

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.5

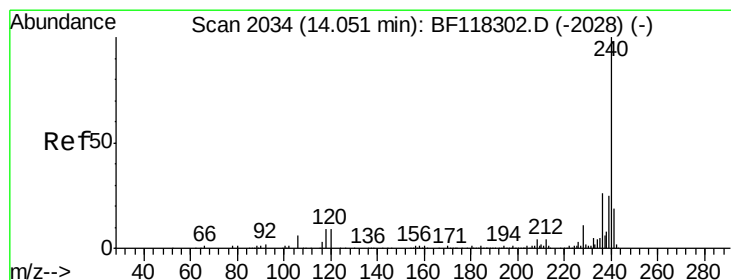
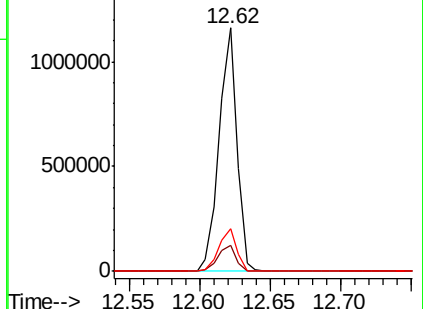
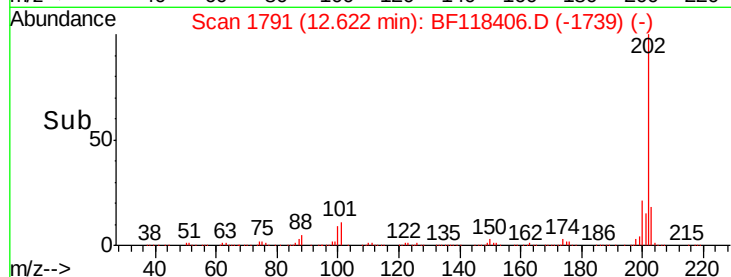
203 17.7 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

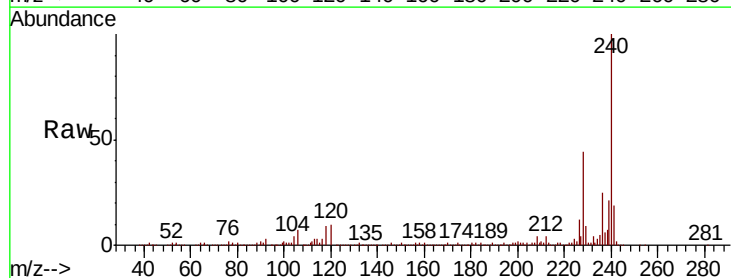
Tgt Ion:240 Resp: 233655

Ion Ratio Lower Upper

240 100

120 9.9 7.1 10.7

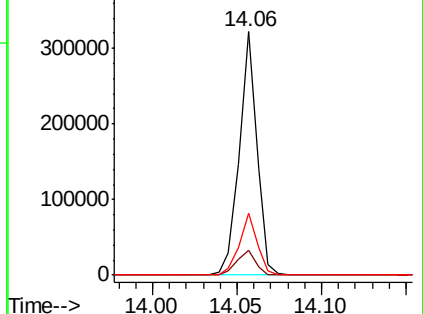
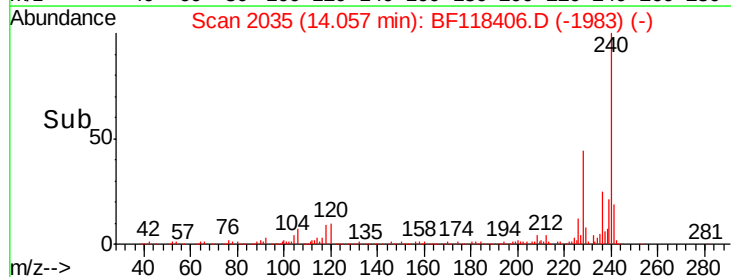
236 25.5 21.0 31.6

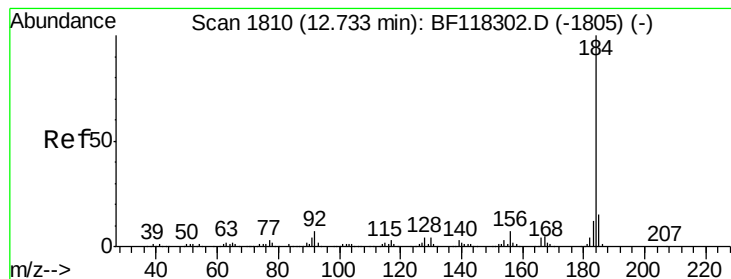


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.621 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

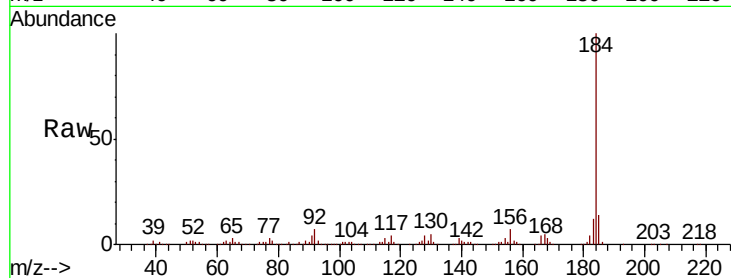
Tot Ion:184 Resp: 394514

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

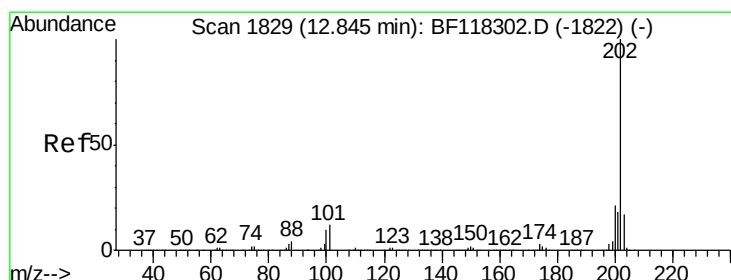
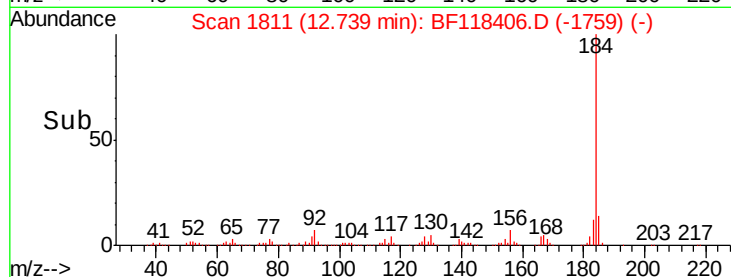
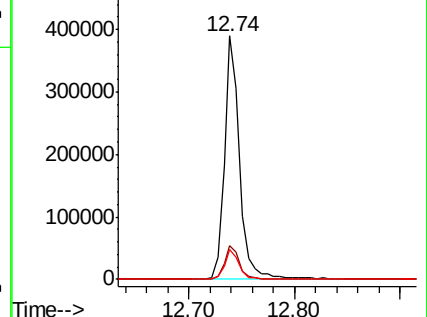
183 12.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.617 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

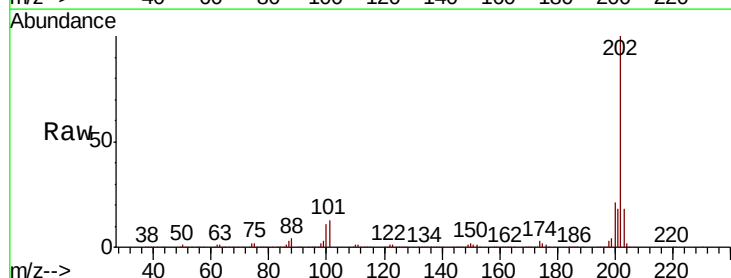
Tgt Ion:202 Resp: 1023033

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

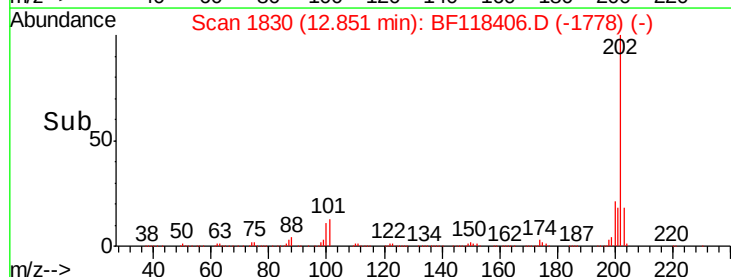
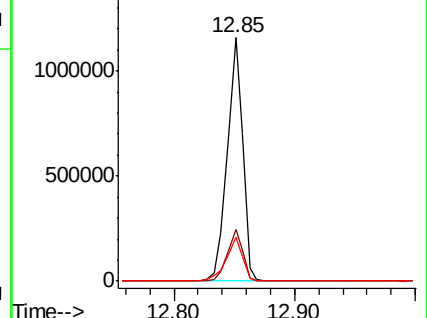
203 17.8 13.9 20.9

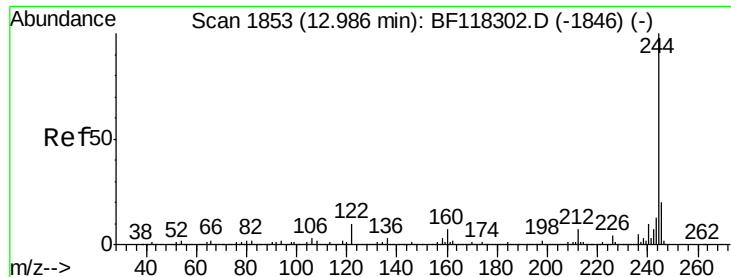


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.964 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

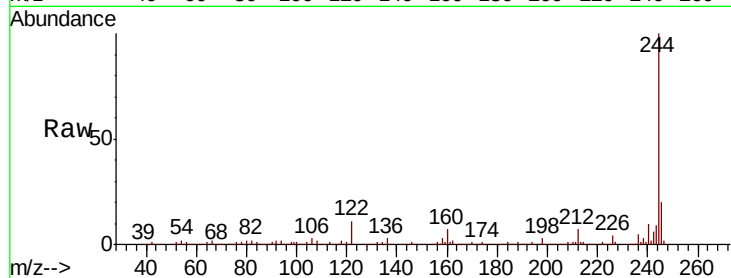
Tot Ion:244 Resp: 957199

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

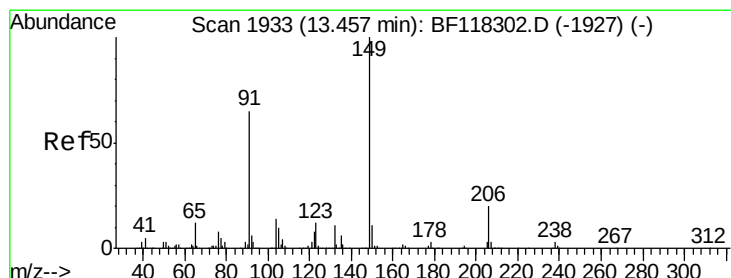
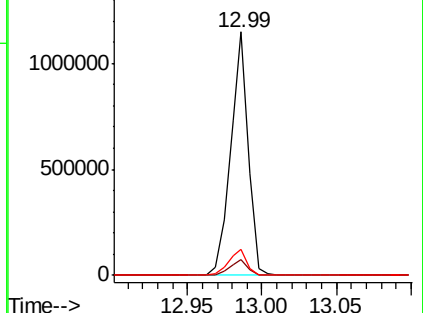
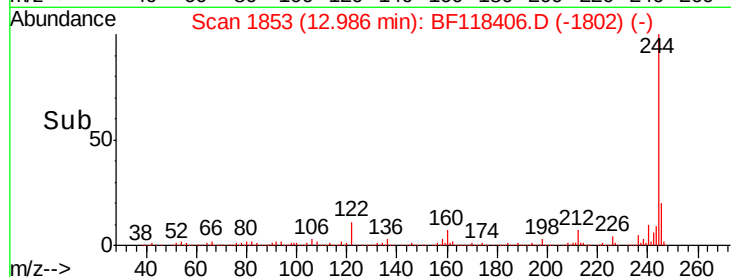
122 10.7 7.8 11.8



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



#80

Butylbenzylphthalate

Concen: 48.225 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

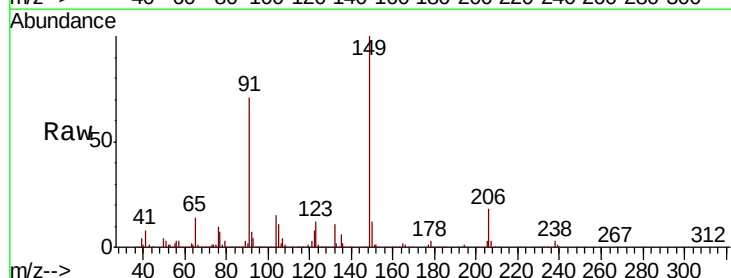
Tgt Ion:149 Resp: 414312

Ion Ratio Lower Upper

149 100

91 70.9 51.8 77.6

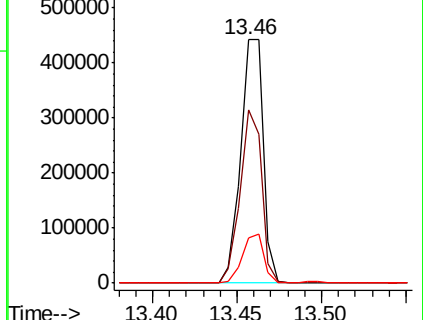
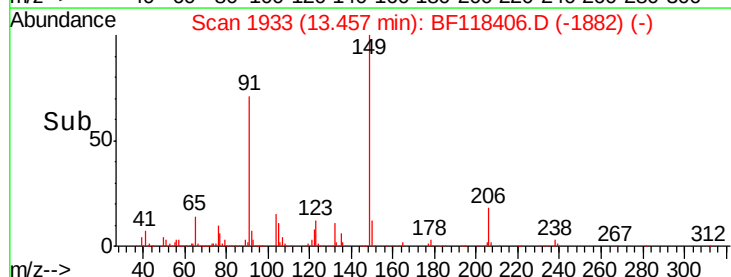
206 18.5 15.7 23.5

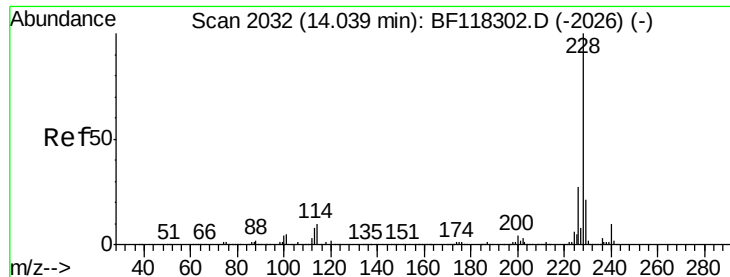


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

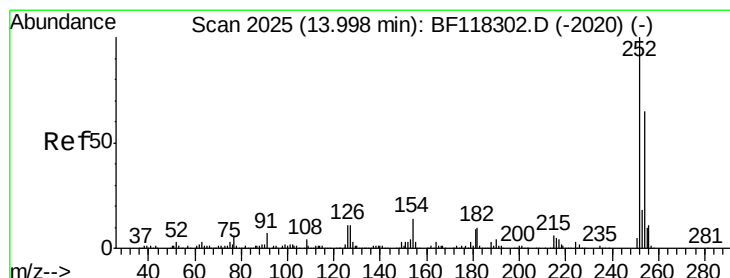
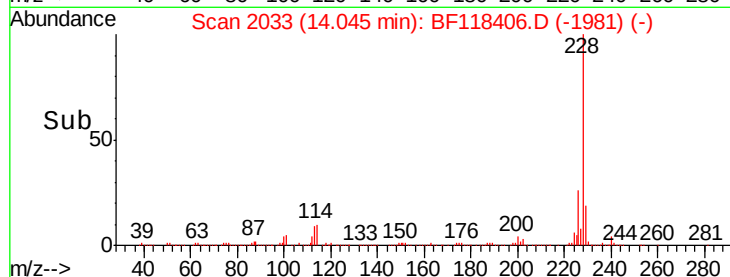
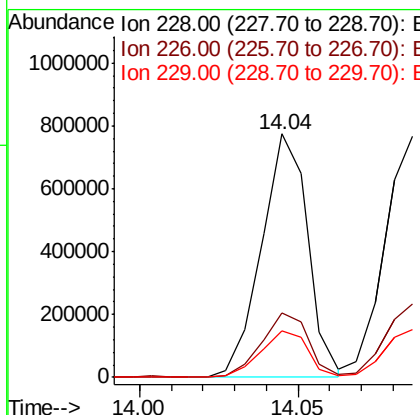
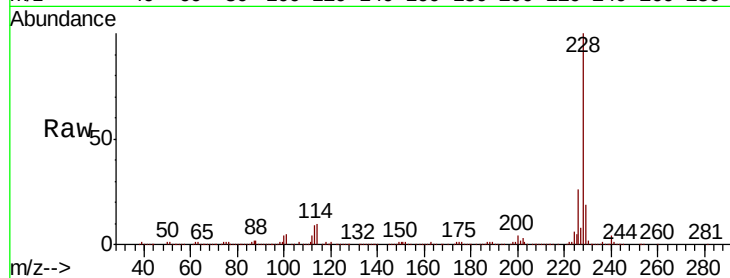




#81
Benzo(a)anthracene
Concen: 47.946 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

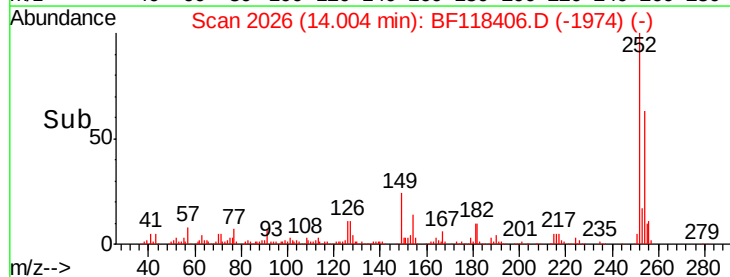
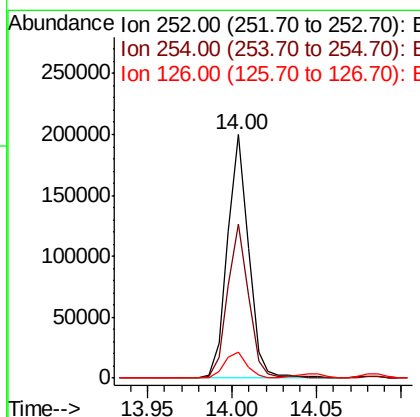
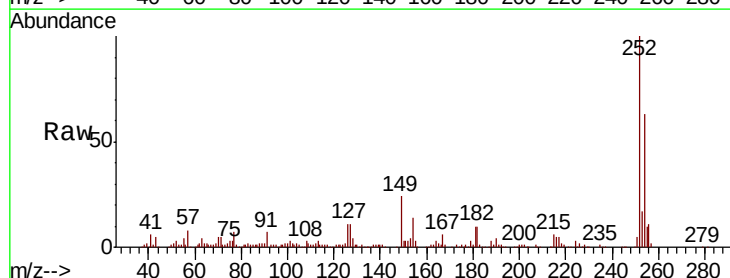
Instrument :
BNA_F
ClientSampled :

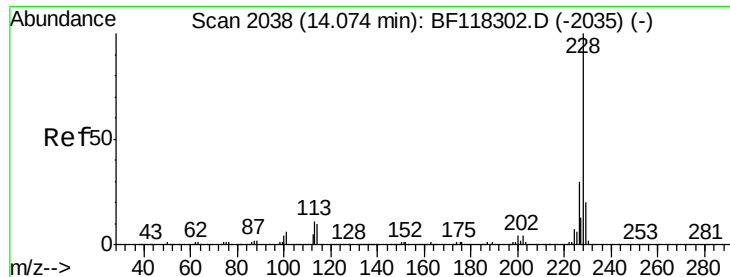
Tot Ion:228 Resp: 784161
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 19.1 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 31.483 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:252 Resp: 174584
Ion Ratio Lower Upper
252 100
254 63.2 51.8 77.8
126 10.6 8.7 13.1





#83

Chrysene

Concen: 42.267 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

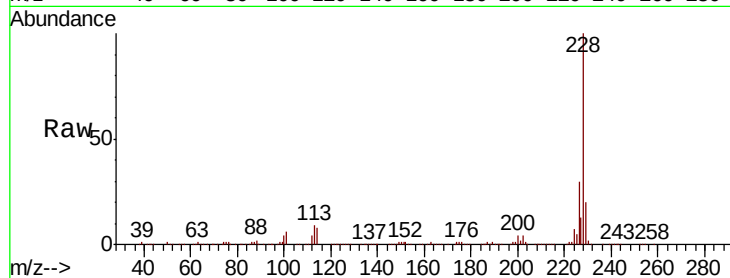
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 661914

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.0	16.1	24.1

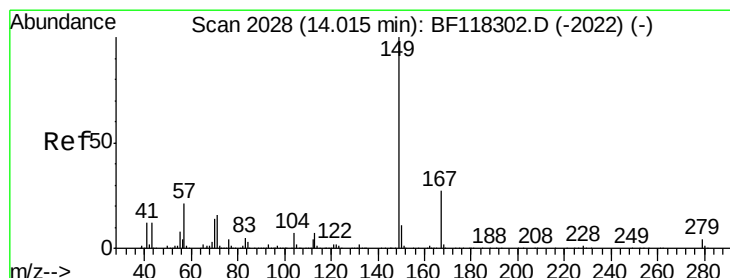
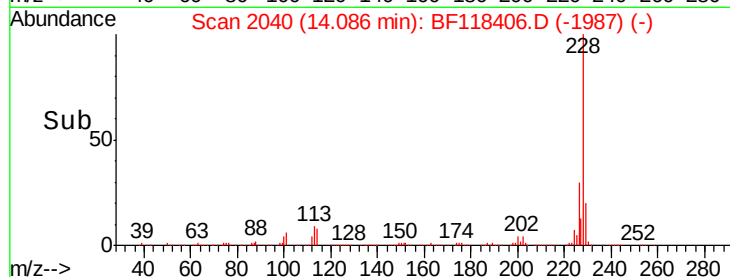
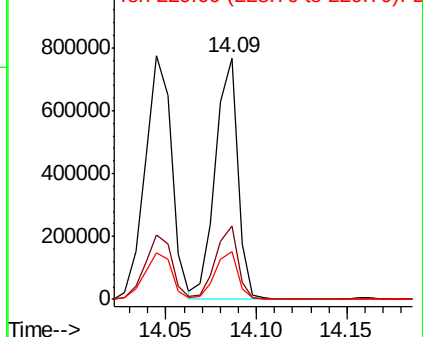


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.974 ng

RT: 14.02 min Scan# 2028

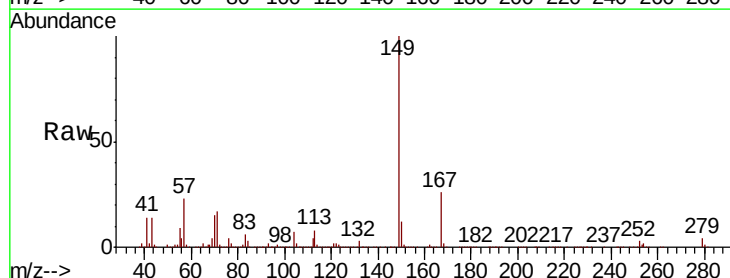
Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:149 Resp: 621032

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.7	3.4	5.2

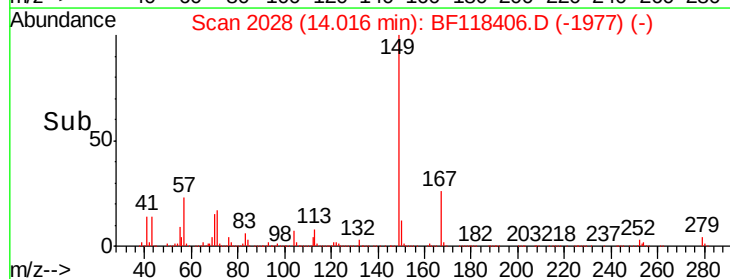
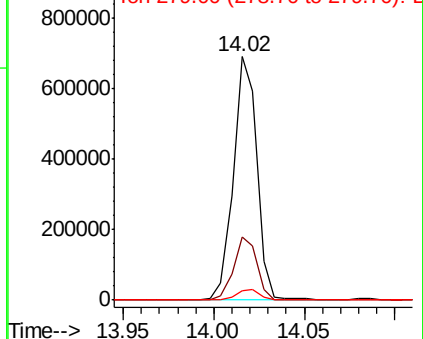


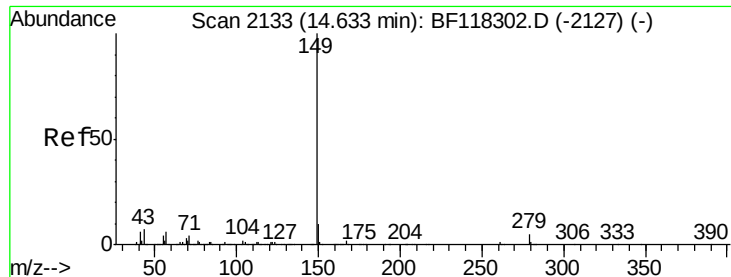
Abundance

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





#85

Di-n-octyl phthalate

Concen: 56.355 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

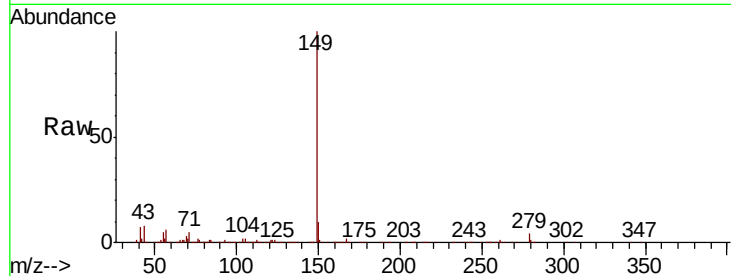
Tot Ion:149 Resp: 936464

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

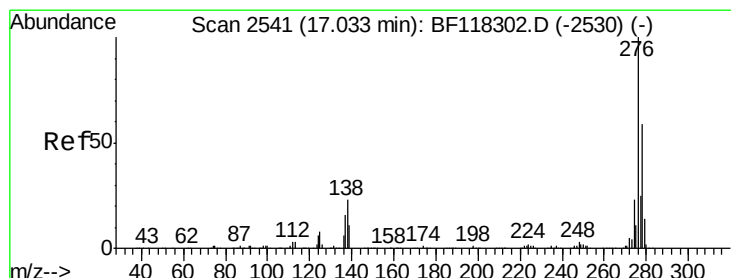
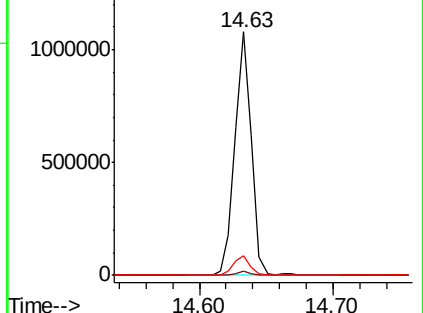
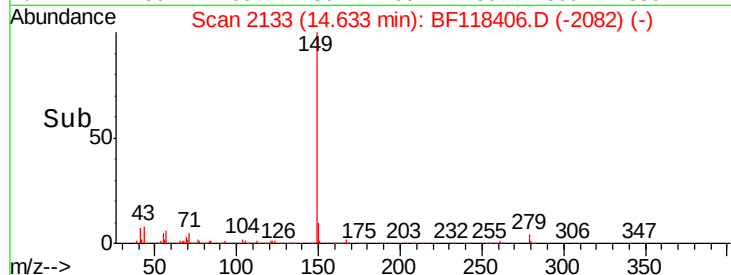
43 7.8 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.473 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

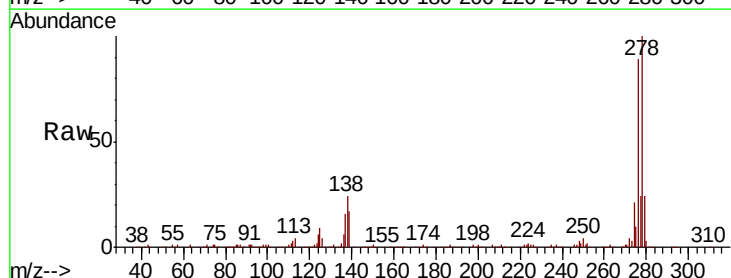
Tgt Ion:276 Resp: 766895

Ion Ratio Lower Upper

276 100

138 24.1 19.5 29.3

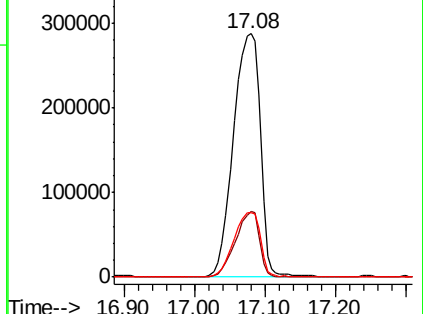
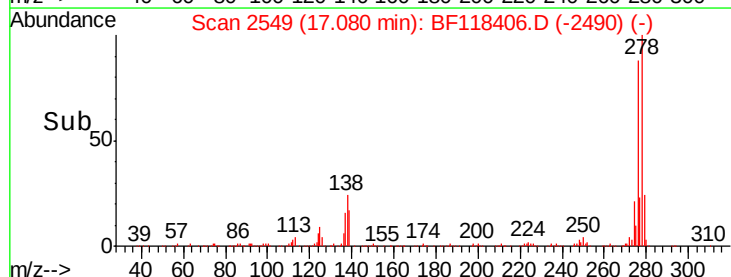
277 26.3 20.6 30.8

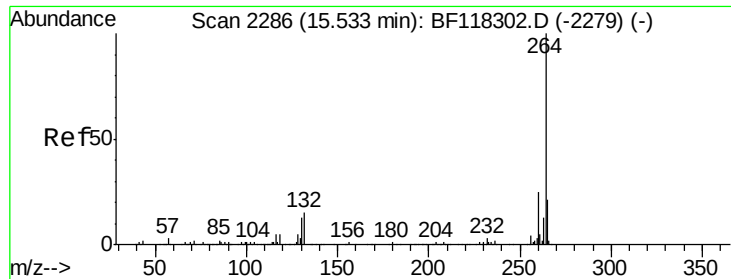


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Instrument :

BNA_F

ClientSampleId :

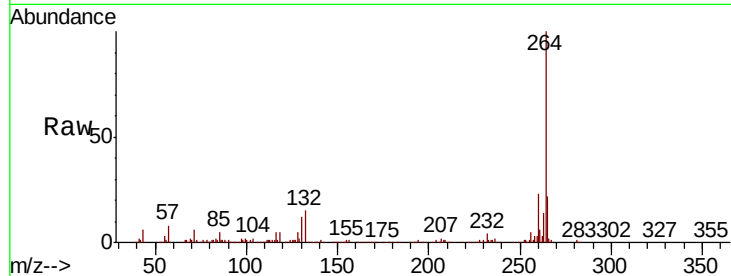
Tot Ion:264 Resp: 244638

Ion Ratio Lower Upper

264 100

260 22.8 19.8 29.6

265 21.7 17.0 25.4

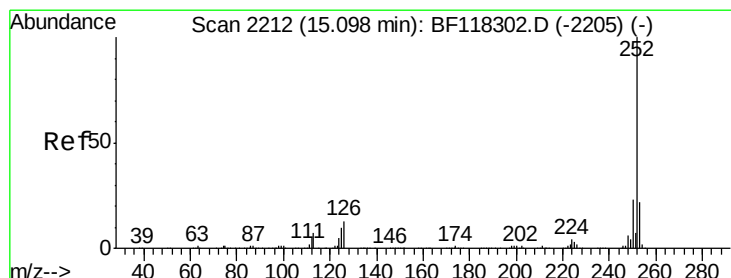
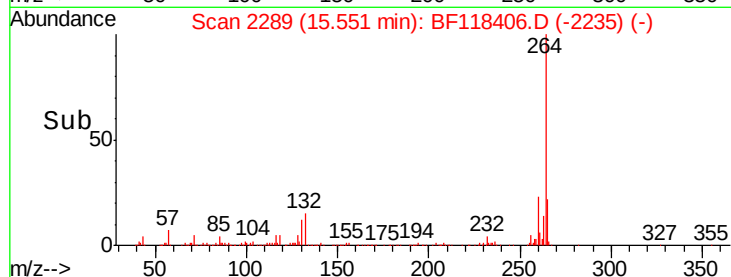
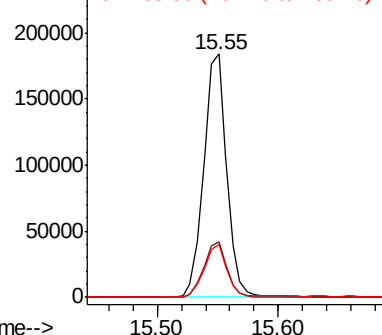


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.593 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.02 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

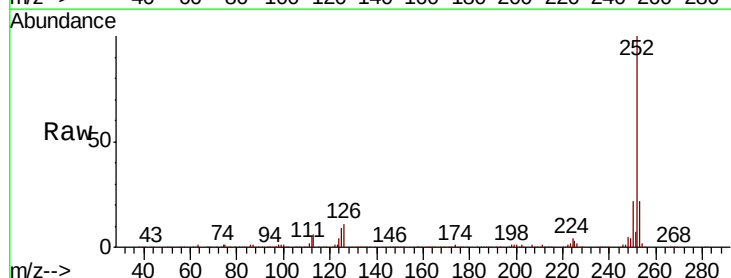
Tgt Ion:252 Resp: 740380

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.1 7.7 11.5

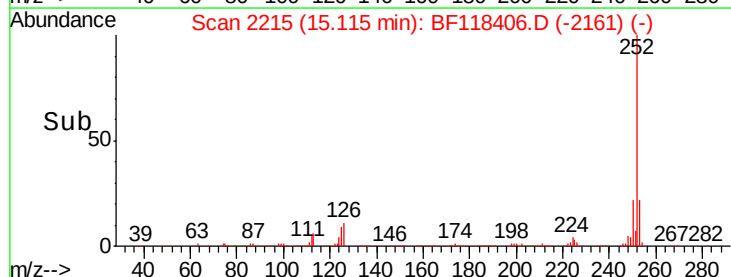
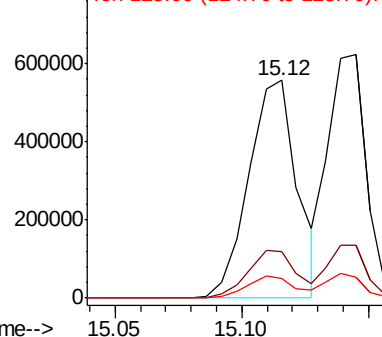


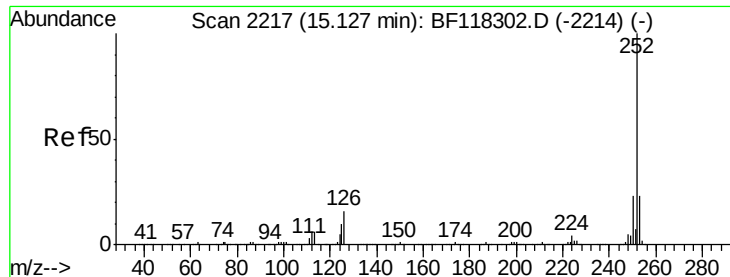
Abundance

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

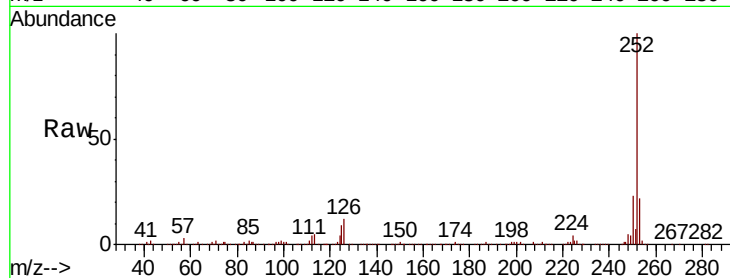




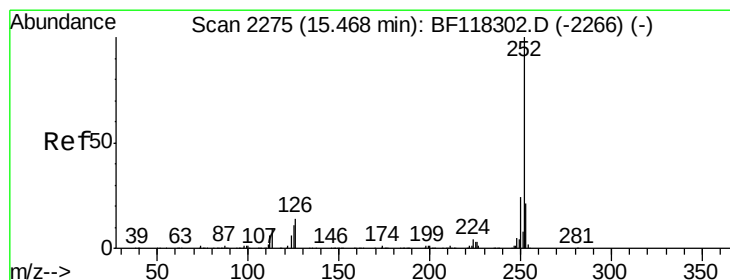
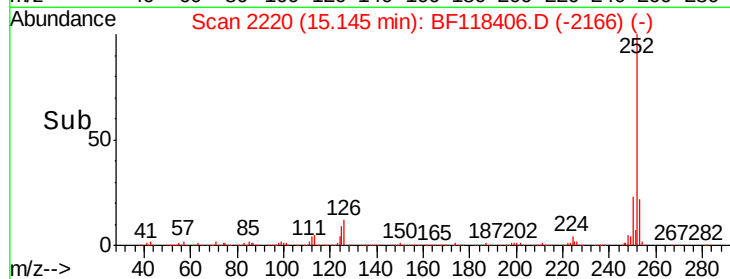
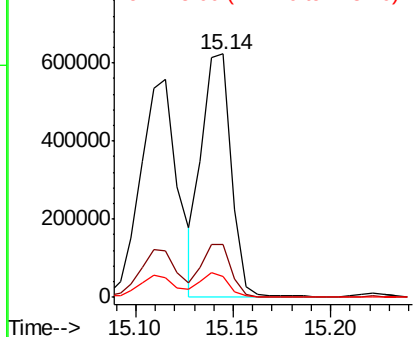
#89
Benzo(k)fluoranthene
Concen: 41.872 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 652876
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.7 8.0 12.0

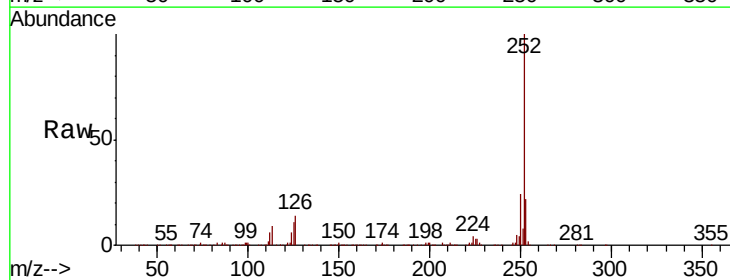


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

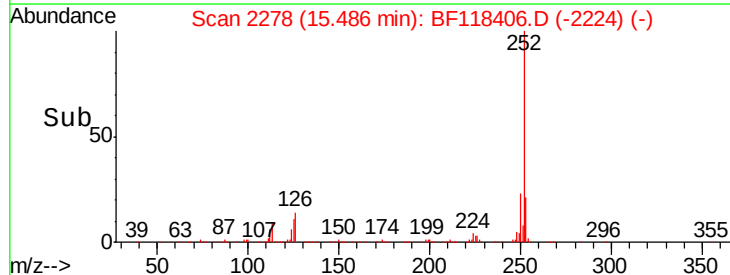
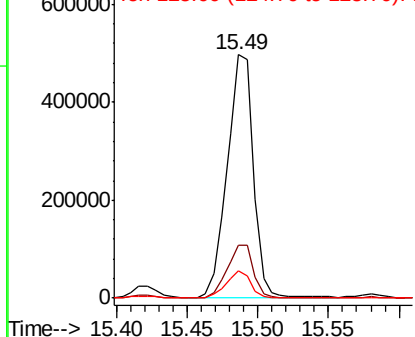


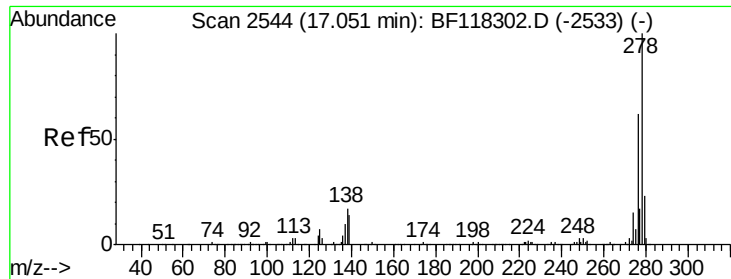
#90
Benzo(a)pyrene
Concen: 44.712 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118406.D
Acq: 31 Dec 2019 15:37

Tgt Ion:252 Resp: 639613
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.4 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 50.909 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.04 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

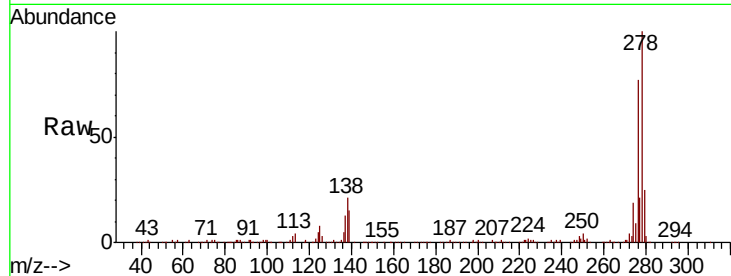
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 631977

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	24.8	18.3	27.5

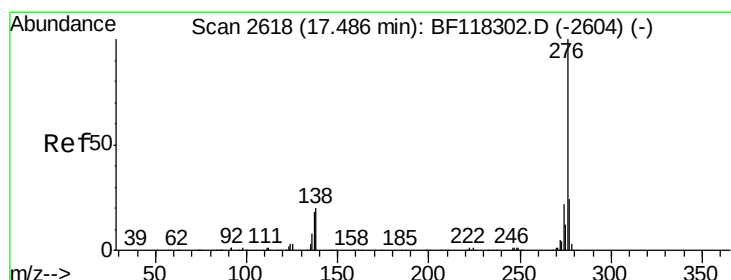
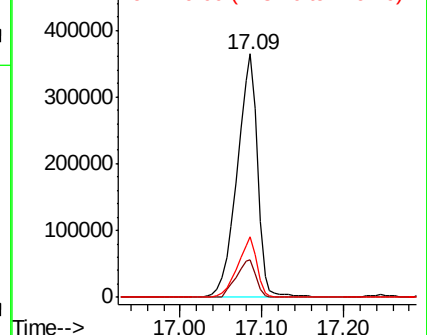
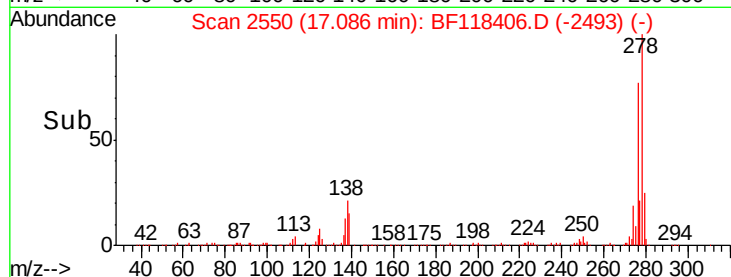


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 53.609 ng

RT: 17.53 min Scan# 2626

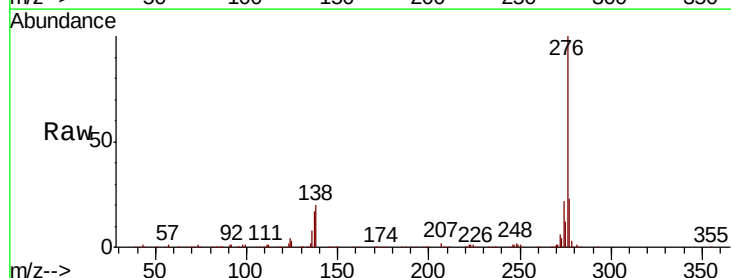
Delta R.T. 0.05 min

Lab File: BF118406.D

Acq: 31 Dec 2019 15:37

Tgt Ion:276 Resp: 642863

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.1	28.7
138	20.5	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

