

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118000.D
 Acq On : 26 Nov 2019 11:21
 Operator : JU
 Sample : PB125026BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:07:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	175615	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	794136	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	425702	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	757205	20.00	ng	0.00
76) Chrysene-d12	14.09	240	428876	20.00	ng	0.00
87) Perylene-d12	15.59	264	443051	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	925318	93.27	ng	0.02
7) Phenol-d6	6.53	99	1189378	99.39	ng	0.00
23) Nitrobenzene-d5	7.46	82	746303	55.87	ng	0.00
42) 2,4,6-Tribromophenol	10.75	330	482430	107.04	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1513148	63.77	ng	0.00
79) Terphenyl-d14	13.03	244	1619586	69.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	139412	30.062	ng	95
3) Pyridine	3.52	79	356322	29.291	ng	96
4) n-Nitrosodimethylamine	3.47	42	183713	34.596	ng	99
6) Aniline	6.56	93	469754	29.706	ng	98
8) 2-Chlorophenol	6.68	128	408678	37.962	ng	98
9) Benzaldehyde	6.44	77	190218	20.996	ng	98
10) Phenol	6.54	94	478999	38.520	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	349843	35.034	ng	98
12) 1,3-Dichlorobenzene	6.83	146	490328	38.687	ng	98
13) 1,4-Dichlorobenzene	6.91	146	514598	40.169	ng	98
14) 1,2-Dichlorobenzene	7.06	146	464959	37.949	ng	98
15) Benzyl Alcohol	7.03	79	409724	44.349	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	535548	34.834	ng	96
17) 2-Methylphenol	7.15	107	397551	43.607	ng	99
18) Hexachloroethane	7.41	117	183501	38.992	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	312448	42.323	ng	95
20) 3+4-Methylphenols	7.30	107	471885	41.698	ng	# 80
22) Acetophenone	7.30	105	639982	35.870	ng	98
24) Nitrobenzene	7.48	77	495077	35.923	ng	98
25) Isophorone	7.72	82	898906	36.713	ng	97
26) 2-Nitrophenol	7.79	139	278854	41.571	ng	96
27) 2,4-Dimethylphenol	7.83	122	436577	41.885	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	536247	34.513	ng	99
29) 2,4-Dichlorophenol	8.04	162	413342	36.559	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	457403	34.878	ng	100
31) Naphthalene	8.20	128	1415657	38.238	ng	99
32) Benzoic acid	7.96	122	291590	33.411	ng	98
33) 4-Chloroaniline	8.25	127	409219	24.690	ng	98
34) Hexachlorobutadiene	8.32	225	257384	33.568	ng	99
35) Caprolactam	8.63	113	78845	21.942	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	425810	37.110	ng	96
37) 2-Methylnaphthalene	8.90	142	968593	38.721	ng	99
38) 1-Methylnaphthalene	9.00	142	913117	38.612	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	425275	34.400	ng	99

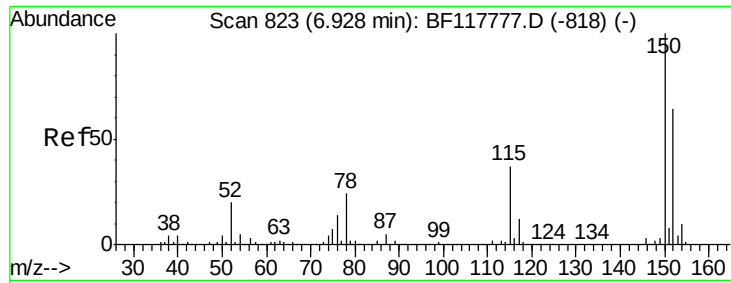
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118000.D
 Acq On : 26 Nov 2019 11:21
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	523596	75.575	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	302382	34.148	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	323605	35.198	ng	98
46) 1,1'-Biphenyl	9.36	154	1165351	36.898	ng	99
47) 2-Chloronaphthalene	9.39	162	927813	35.710	ng	99
48) 2-Nitroaniline	9.49	65	260129	33.162	ng	# 84
49) Acenaphthylene	9.81	152	1445278	38.154	ng	100
50) Dimethylphthalate	9.67	163	1051822	35.235	ng	98
51) 2,6-Dinitrotoluene	9.73	165	239905	36.771	ng	94
52) Acenaphthene	9.98	154	847269	34.916	ng	99
53) 3-Nitroaniline	9.90	138	198568	25.435	ng	93
54) 2,4-Dinitrophenol	10.01	184	233939	70.708	ng	95
55) Dibenzofuran	10.16	168	1247770	37.133	ng	98
56) 4-Nitrophenol	10.06	139	392325	67.326	ng	95
57) 2,4-Dinitrotoluene	10.14	165	323473	38.976	ng	89
58) Fluorene	10.50	166	868169	33.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	264987	35.078	ng	99
60) Diethylphthalate	10.37	149	1022767	35.142	ng	100
61) 4-Chlorophenyl-phenylether	10.49	204	414310	31.352	ng	96
62) 4-Nitroaniline	10.52	138	246377	31.520	ng	96
63) Azobenzene	10.65	77	927225	35.019	ng	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	165030	46.686	ng	99
66) n-Nitrosodiphenylamine	10.61	169	842214	38.218	ng	99
67) 4-Bromophenyl-phenylether	10.98	248	305646	37.410	ng	97
68) Hexachlorobenzene	11.05	284	354974	37.261	ng	96
69) Atrazine	11.14	200	292252	40.316	ng	99
70) Pentachlorophenol	11.25	266	369740	66.430	ng	99
71) Phenanthrene	11.46	178	1333430	35.026	ng	99
72) Anthracene	11.52	178	1249077	33.092	ng	99
73) Carbazole	11.67	167	1076795	32.646	ng	100
74) Di-n-butylphthalate	12.00	149	1516607	36.929	ng	99
75) Fluoranthene	12.66	202	1468845	41.841	ng	99
77) Benzidine	12.77	184	596580	42.467	ng	99
78) Pyrene	12.89	202	1429775	41.252	ng	99
80) Butylbenzylphthalate	13.50	149	515028	34.597	ng	97
81) Benzo(a)anthracene	14.08	228	1028990	36.308	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	282645	28.511	ng	99
83) Chrysene	14.12	228	978254	35.622	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	694048	38.456	ng	99
85) Di-n-octyl phthalate	14.67	149	1242053	46.846	ng	97
86) Indeno(1,2,3-cd)pyrene	17.12	276	987141	42.234	ng	99
88) Benzo(b)fluoranthene	15.15	252	1028321	35.724	ng	99
89) Benzo(k)fluoranthene	15.18	252	966638	35.640	ng	99
90) Benzo(a)pyrene	15.53	252	853449	33.717	ng	100
91) Dibenzo(a,h)anthracene	17.14	278	826953	37.957	ng	97
92) Benzo(g,h,i)perylene	17.59	276	660498	30.438	ng	99

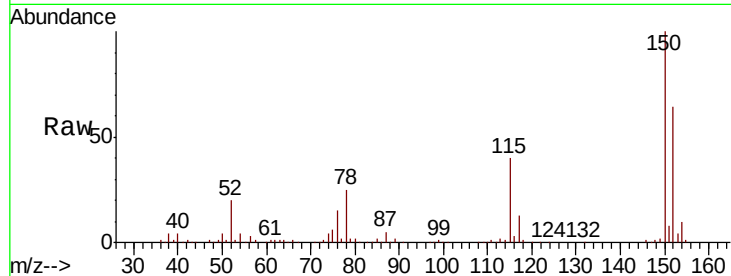
(#) = qualifier out of range (m) = manual integration (+) = signals summed



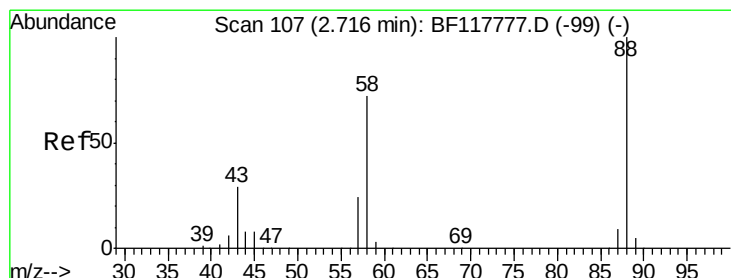
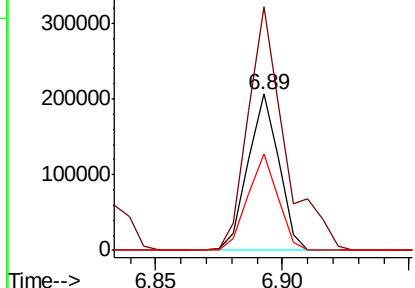
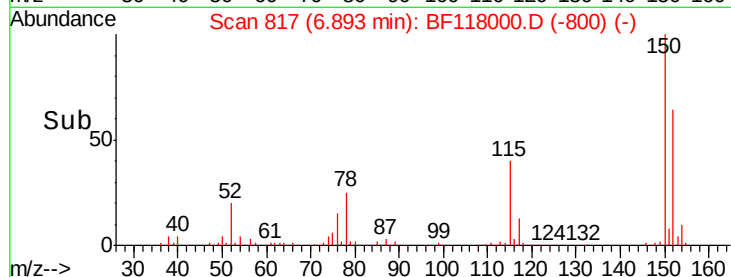
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 175615
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.3 187.9
 115 62.1 47.0 70.4

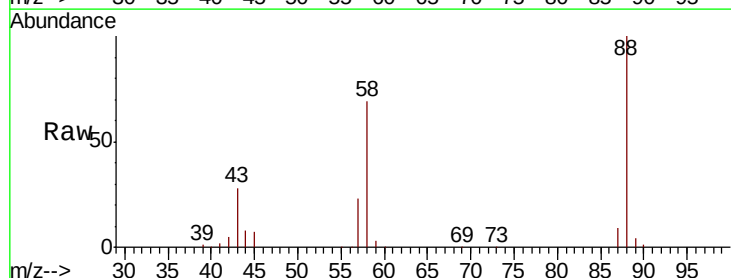


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

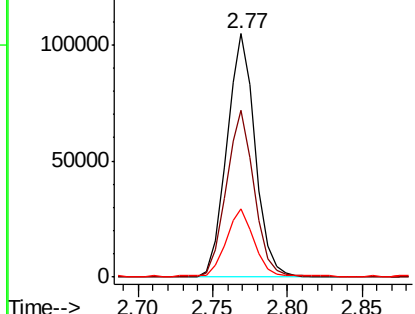
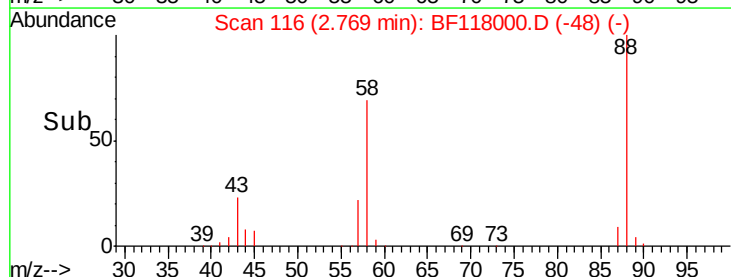


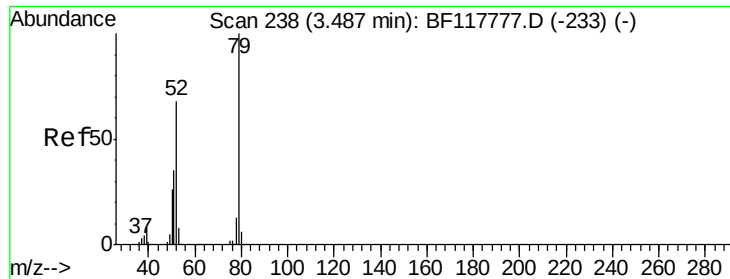
#2
 1,4-Dioxane
 Concen: 30.062 ng
 RT: 2.77 min Scan# 116
 Delta R.T. 0.10 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion: 88 Resp: 139412
 Ion Ratio Lower Upper
 88 100
 58 67.6 58.2 87.2
 43 27.2 23.3 34.9



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: 29.291 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

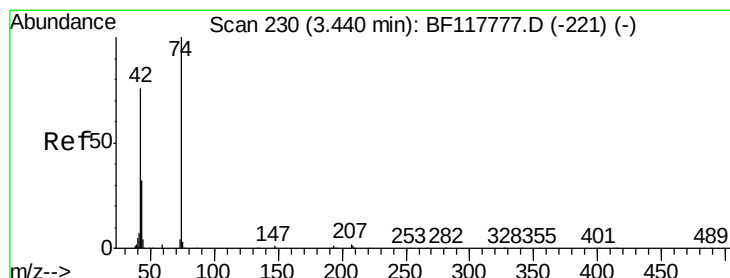
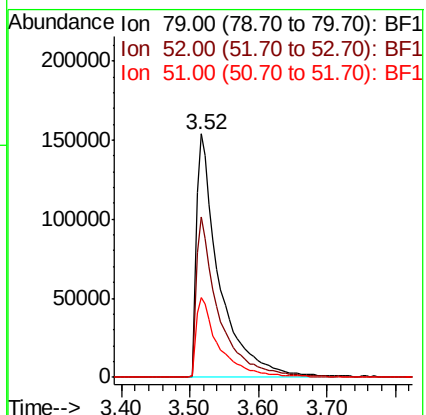
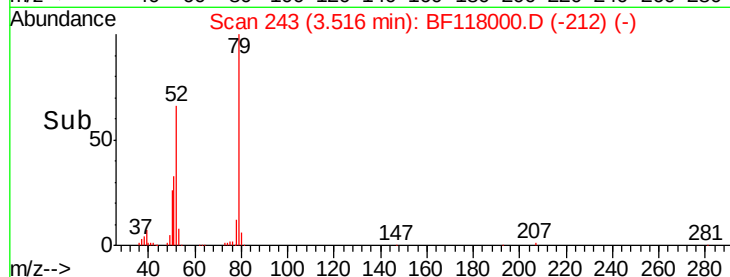
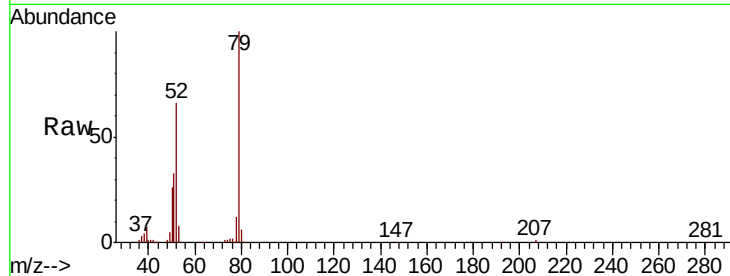
Tot Ion: 79 Resp: 356322

Ion Ratio Lower Upper

79 100

52 65.8 54.8 82.2

51 32.9 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 34.596 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.08 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

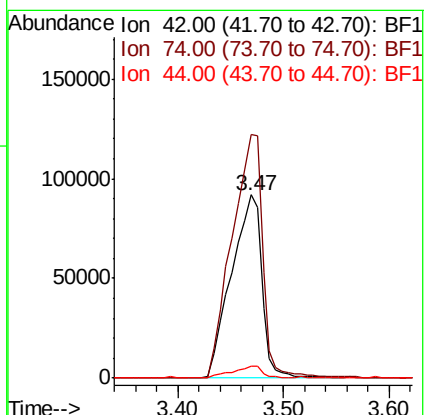
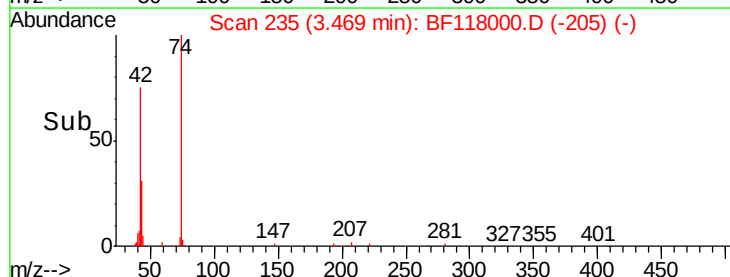
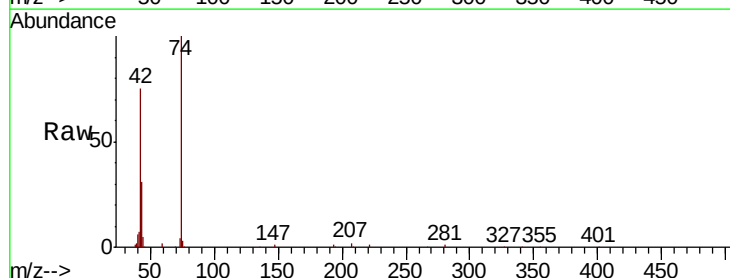
Tgt Ion: 42 Resp: 183713

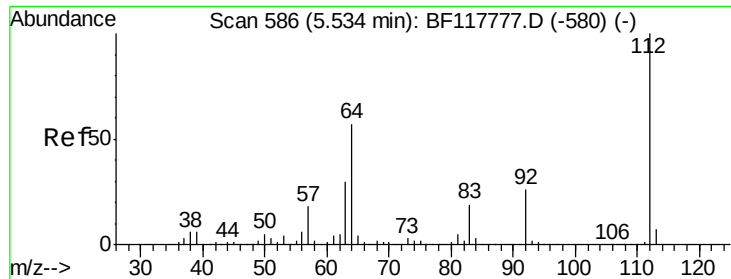
Ion Ratio Lower Upper

42 100

74 132.8 105.1 157.7

44 6.7 4.6 7.0





#5

2-Fluorophenol

Concen: 93.267 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

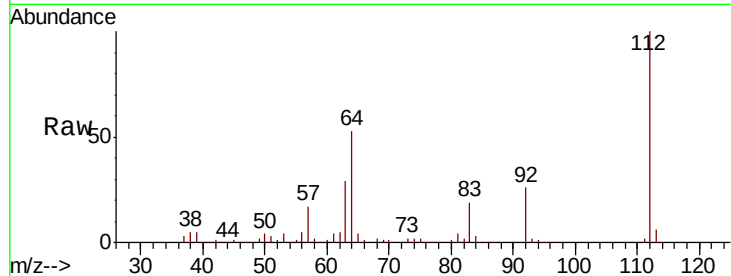
Tot Ion:112 Resp: 925318

Ion Ratio Lower Upper

112 100

64 53.0 45.6 68.4

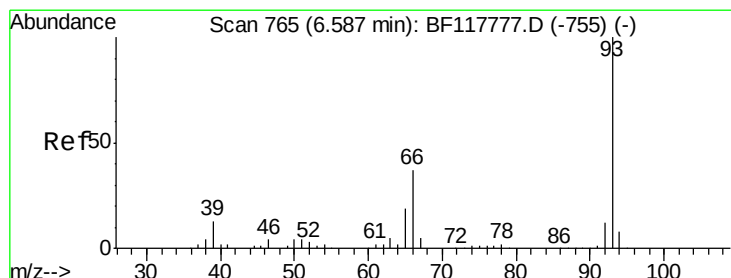
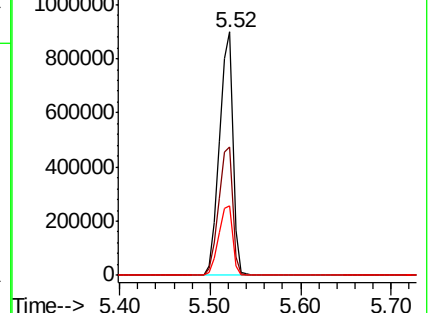
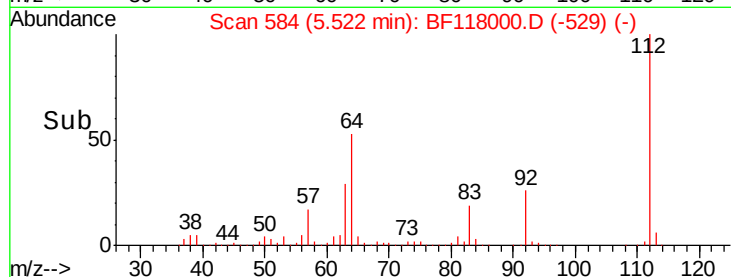
63 28.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.706 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

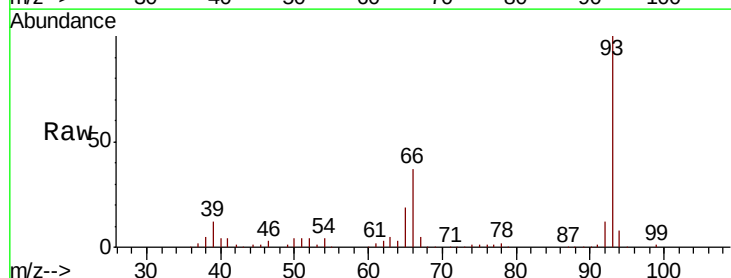
Tgt Ion: 93 Resp: 469754

Ion Ratio Lower Upper

93 100

66 37.1 30.6 45.8

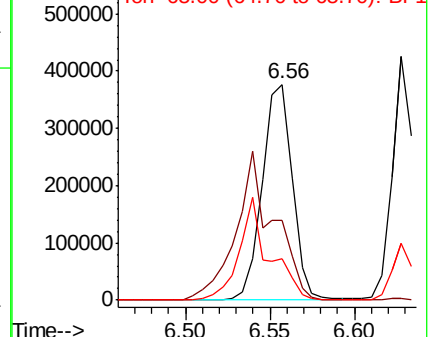
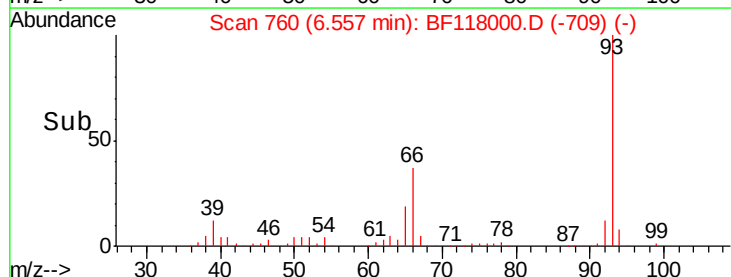
65 19.0 15.6 23.4

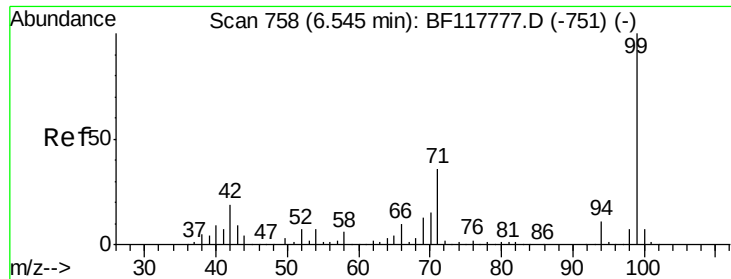


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.392 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampled :

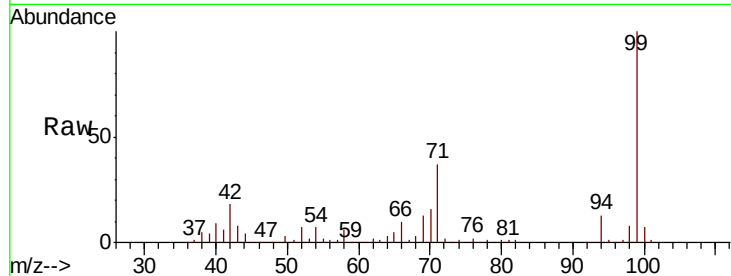
Tot Ion: 99 Resp: 1189378

Ion Ratio Lower Upper

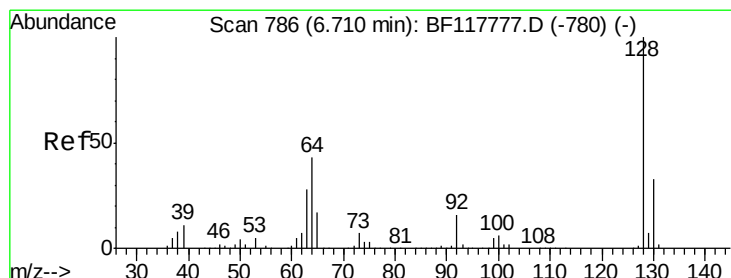
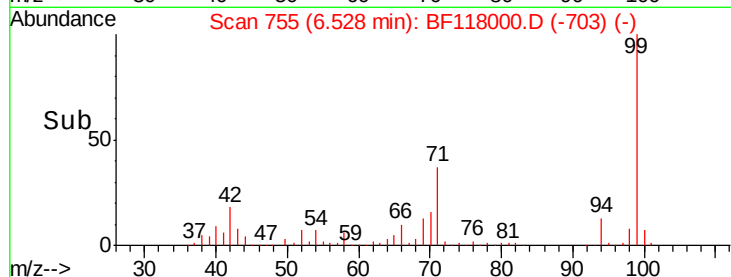
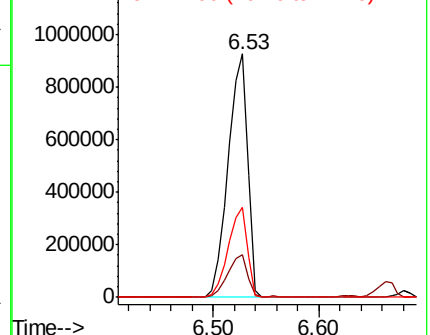
99 100

42 17.7 14.9 22.3

71 36.9 28.6 43.0



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



#8

2-Chlorophenol

Concen: 37.962 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

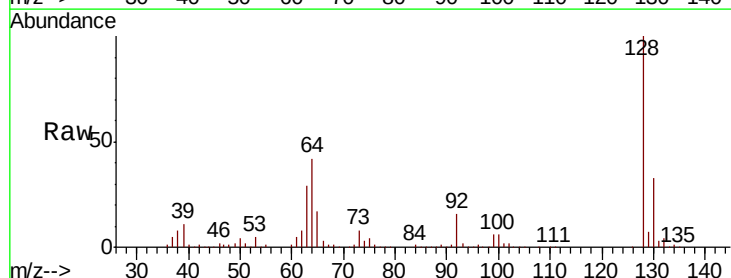
Tgt Ion:128 Resp: 408678

Ion Ratio Lower Upper

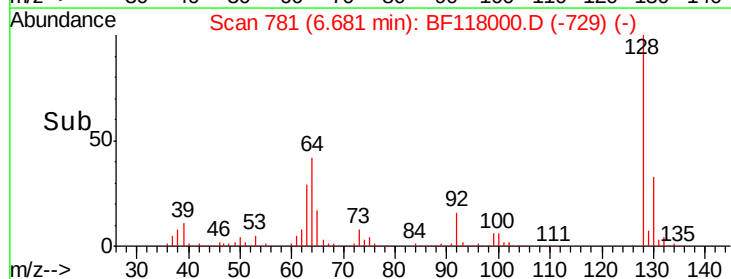
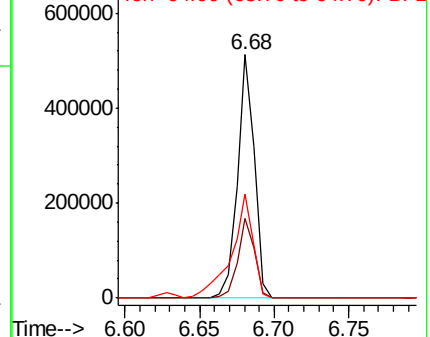
128 100

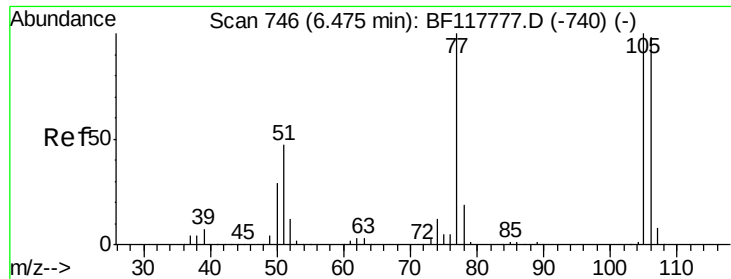
130 32.6 13.2 53.2

64 42.5 23.7 63.7



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: 20.996 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

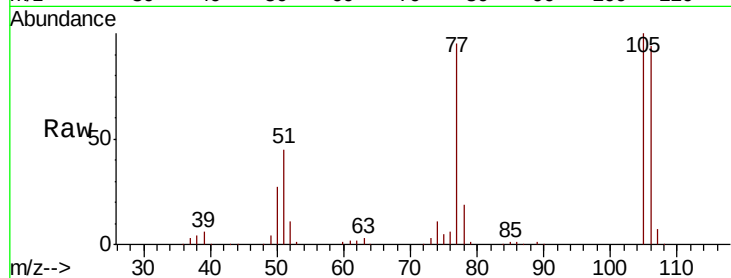
Tot Ion: 77 Resp: 190218

Ion Ratio Lower Upper

77 100

105 104.7 80.2 120.2

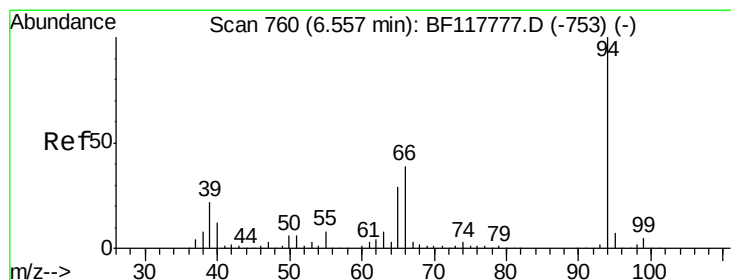
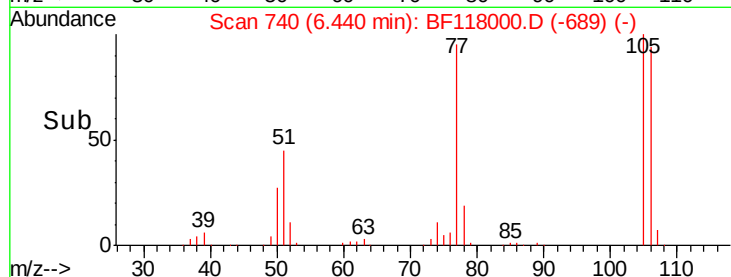
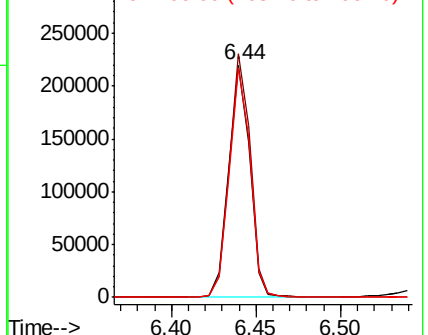
106 98.6 78.4 118.4



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: 38.520 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

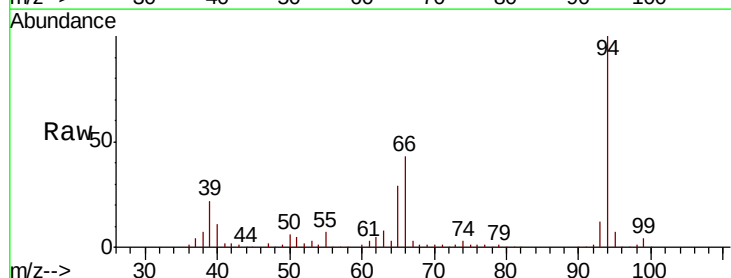
Tgt Ion: 94 Resp: 478999

Ion Ratio Lower Upper

94 100

65 29.5 8.9 48.9

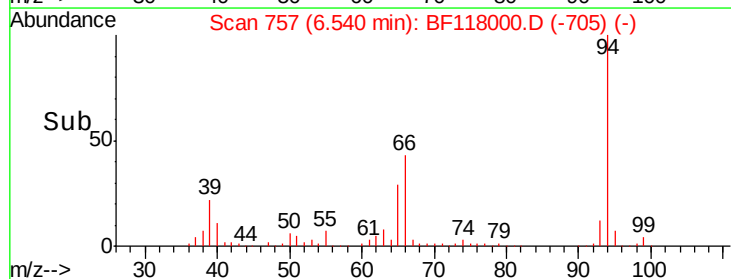
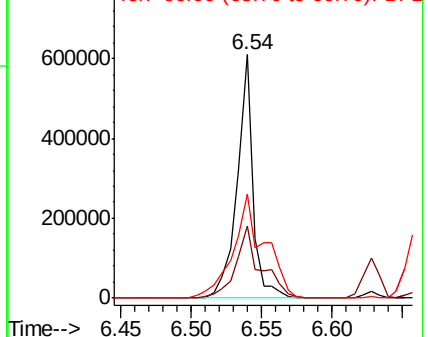
66 42.8 18.7 58.7

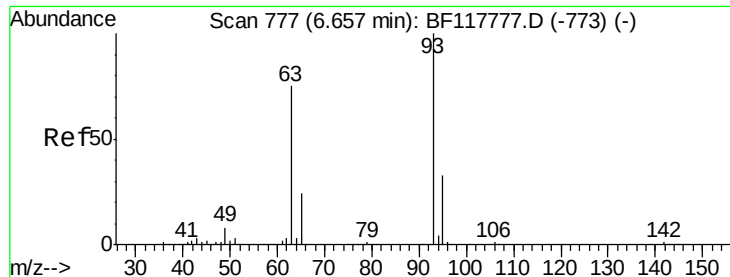


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

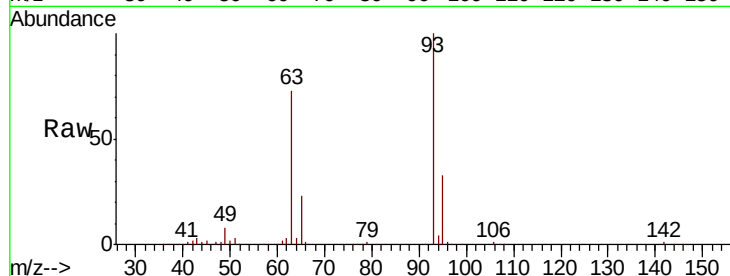




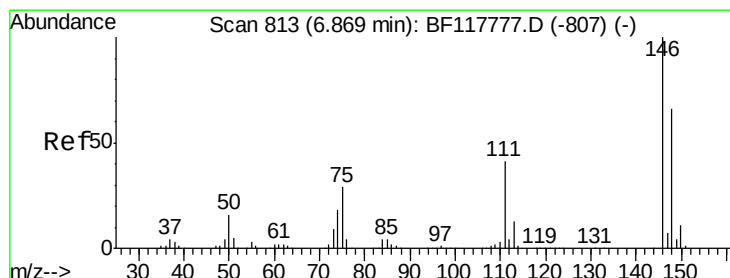
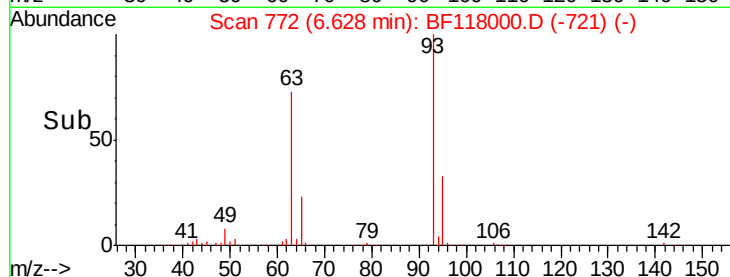
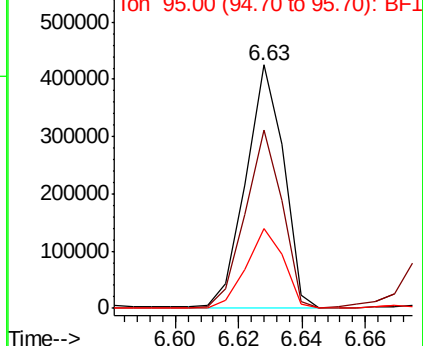
#11
bis(2-Chloroethyl)ether
Concen: 35.034 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 349843
Ion Ratio Lower Upper
93 100
63 73.0 54.8 94.8
95 32.9 12.7 52.7

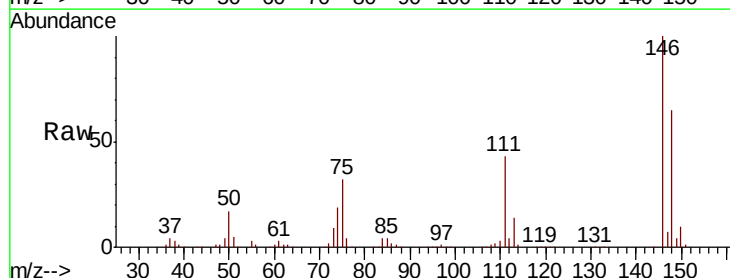


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

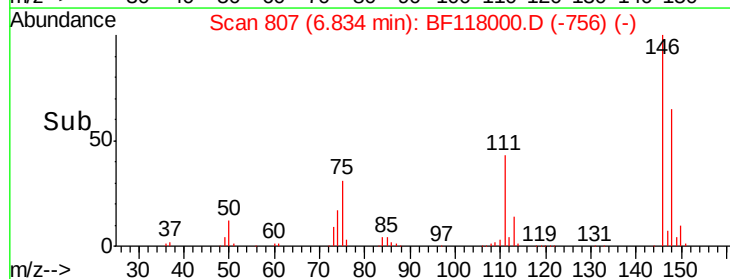
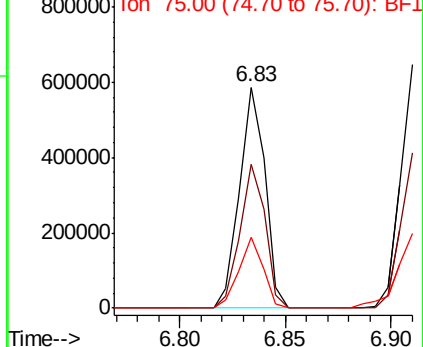


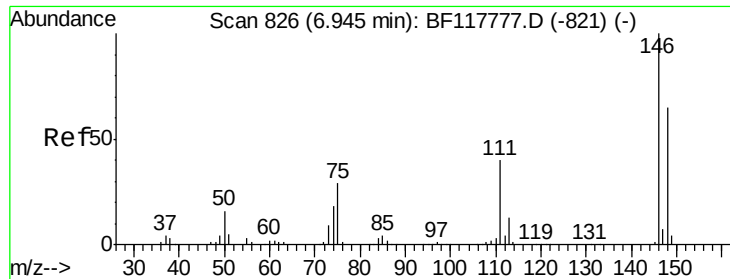
#12
1,3-Dichlorobenzene
Concen: 38.687 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion: 146 Resp: 490328
Ion Ratio Lower Upper
146 100
148 65.3 52.8 79.2
75 32.1 23.4 35.0



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

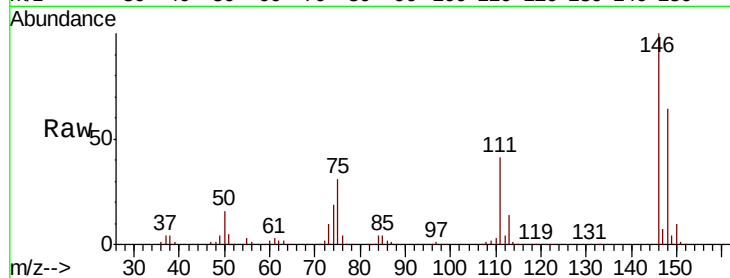




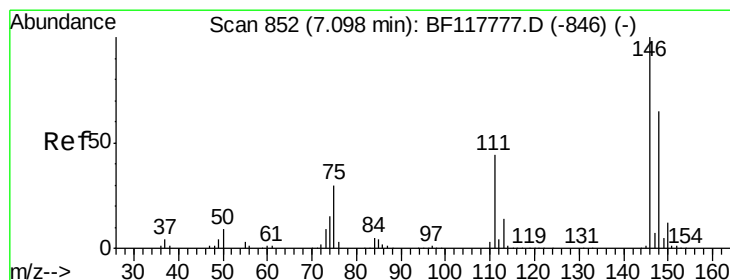
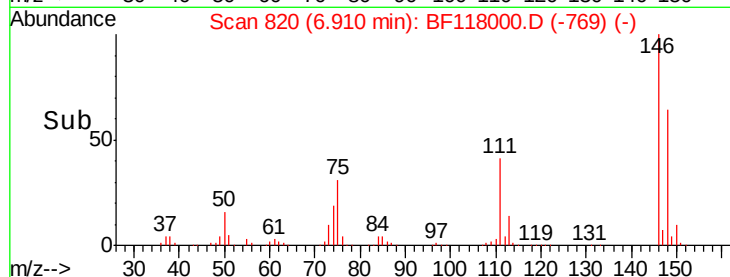
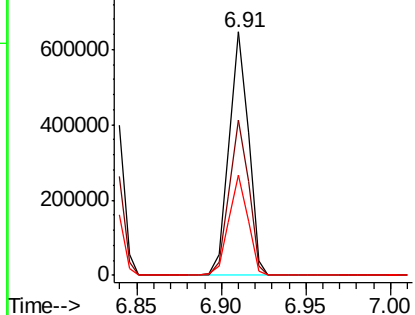
#13
 1,4-Dichlorobenzene
 Concen: 40.169 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 514598
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 41.2 32.2 48.4

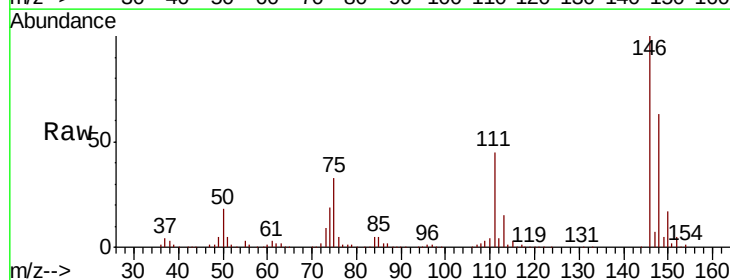


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

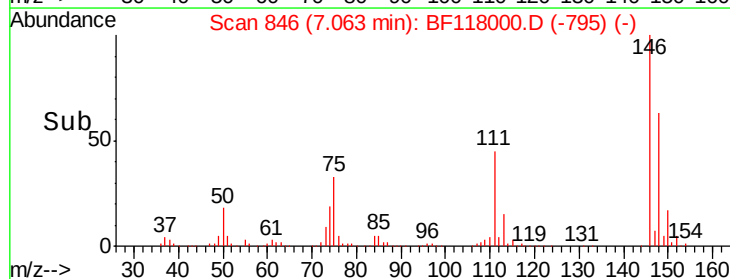
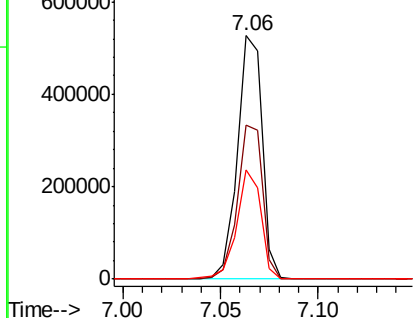


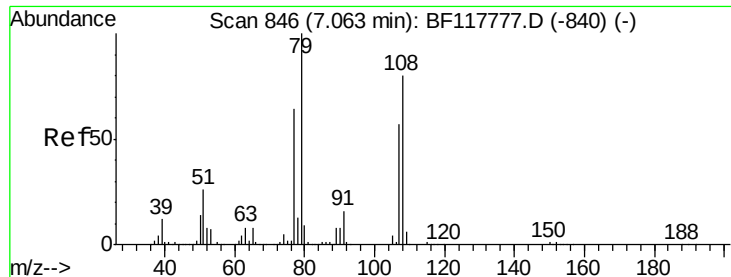
#14
 1,2-Dichlorobenzene
 Concen: 37.949 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion:146 Resp: 464959
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 111 44.6 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.349 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampled :

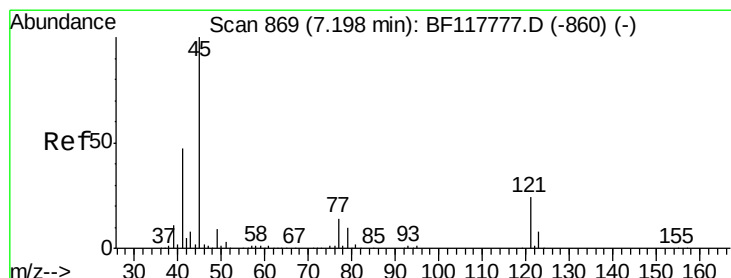
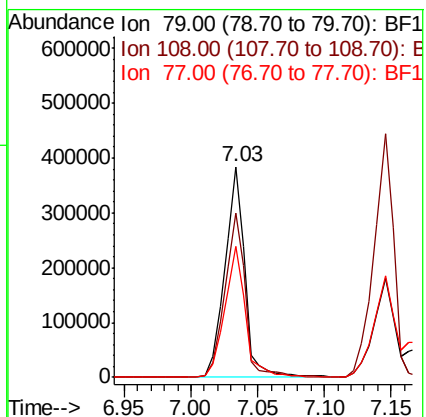
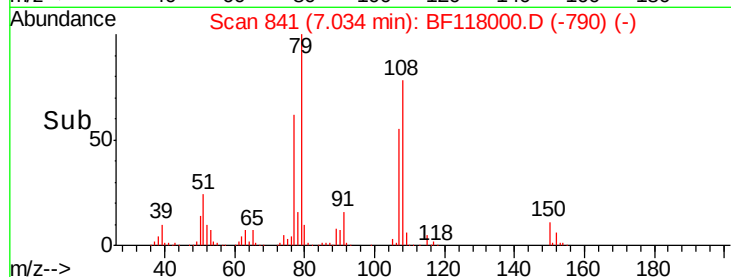
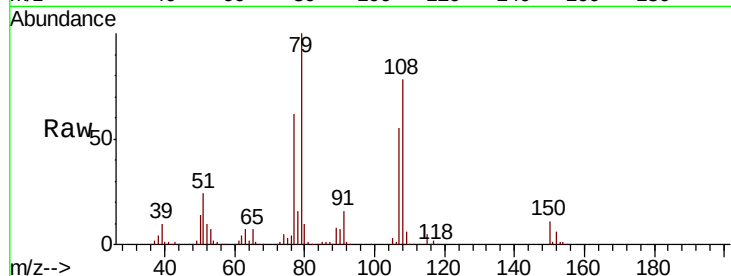
Tot Ion: 79 Resp: 409724

Ion Ratio Lower Upper

79 100

108 77.9 64.1 96.1

77 62.1 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.834 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

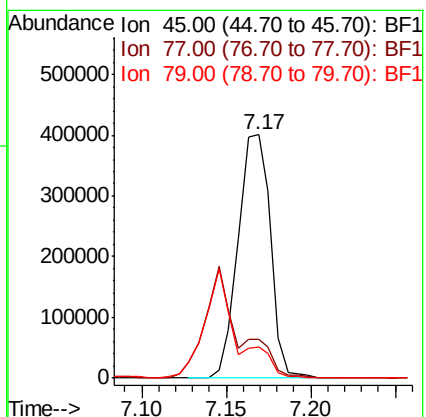
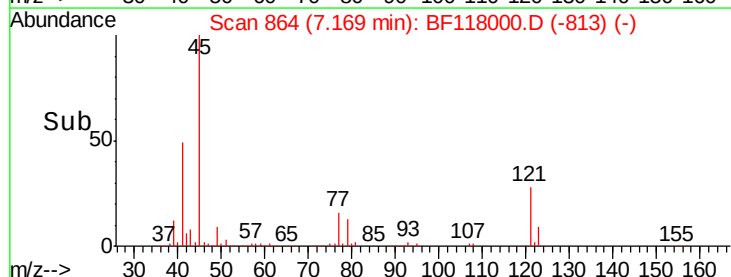
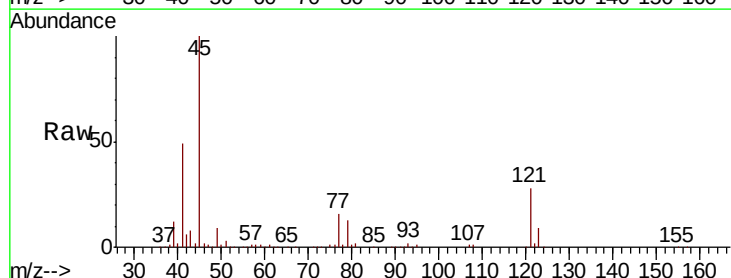
Tgt Ion: 45 Resp: 535548

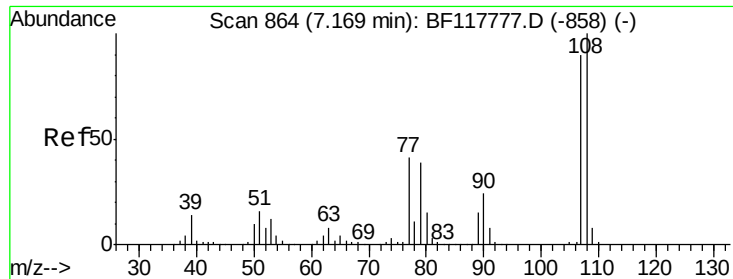
Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.0

79 13.0 0.0 31.1

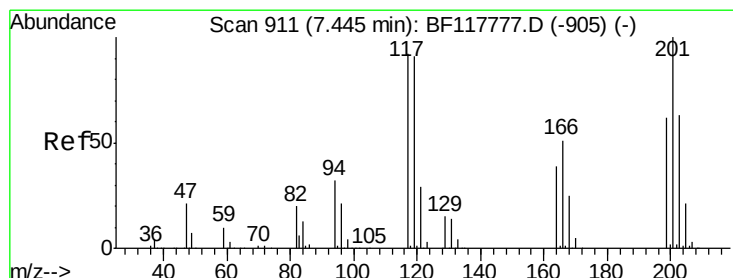
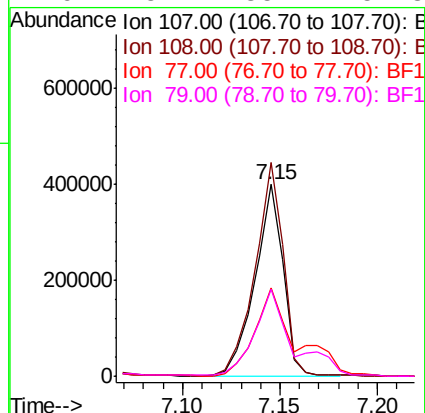
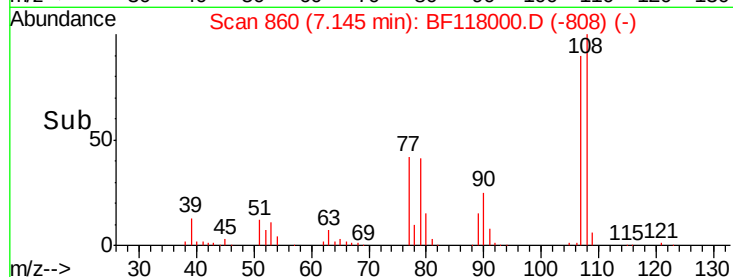
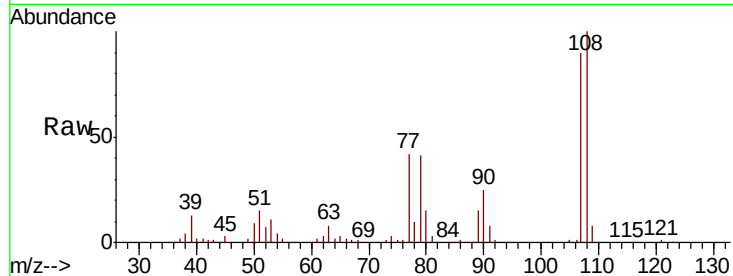




#17
2-Methylphenol
Concen: 43.607 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

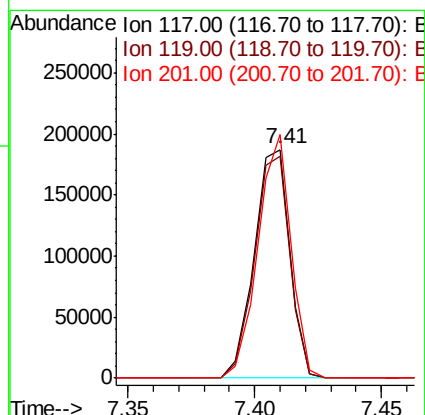
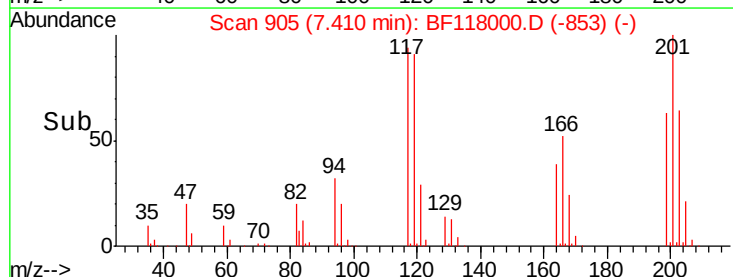
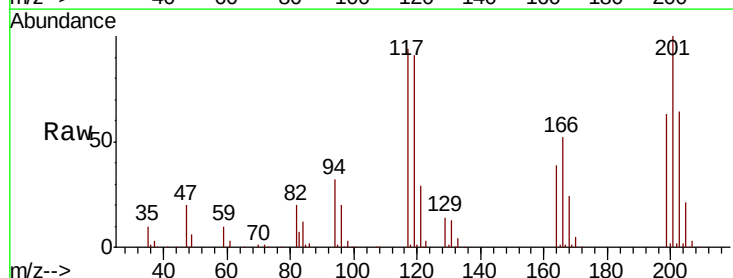
Instrument :
BNA_F
ClientSampleId :

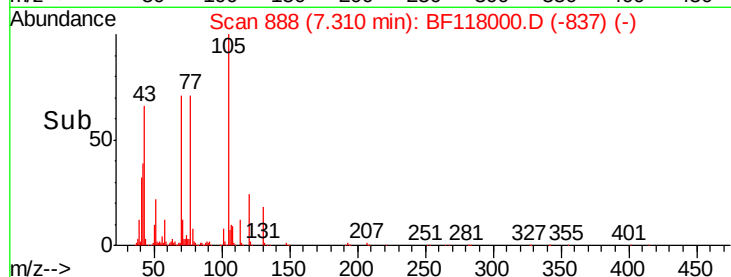
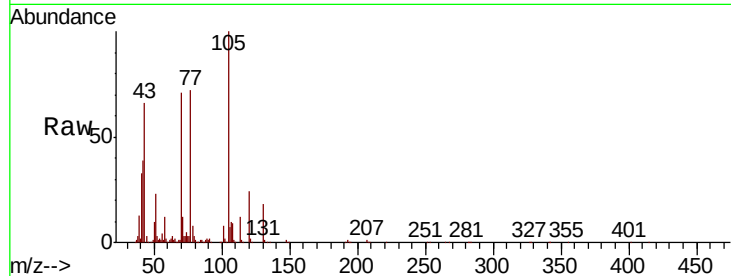
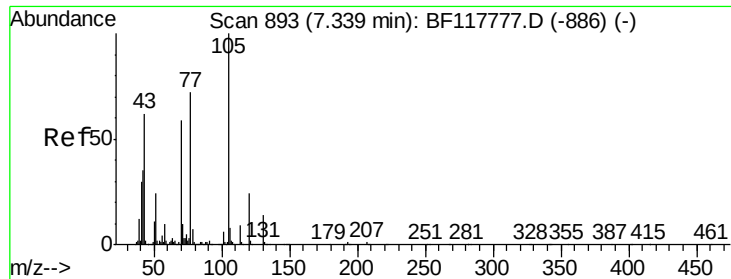
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.1	133.7
77	46.4	36.6	54.8
79	45.2	35.2	52.8



#18
Hexachloroethane
Concen: 38.992 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.7	118.1
201	106.4	86.5	129.7

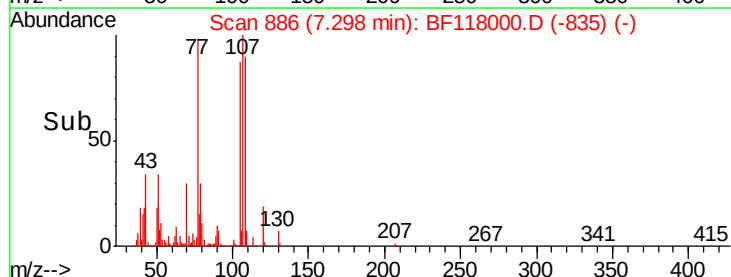
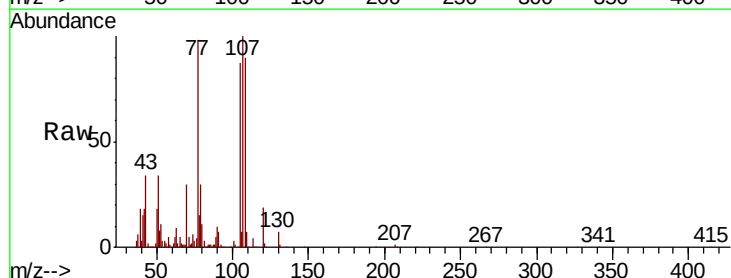
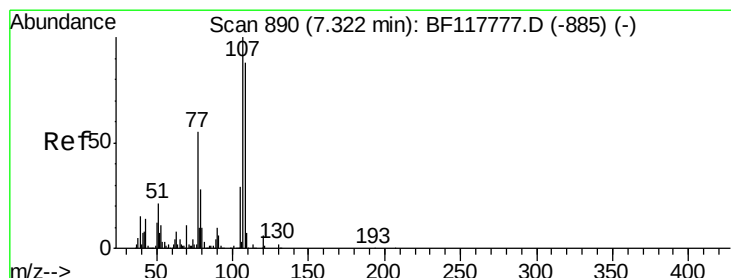
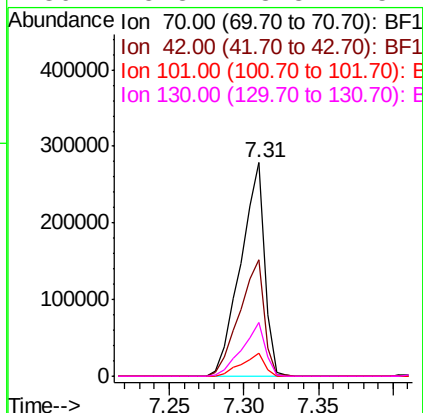




#19
n-Nitroso-di-n-propylamine
Concen: 42.323 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

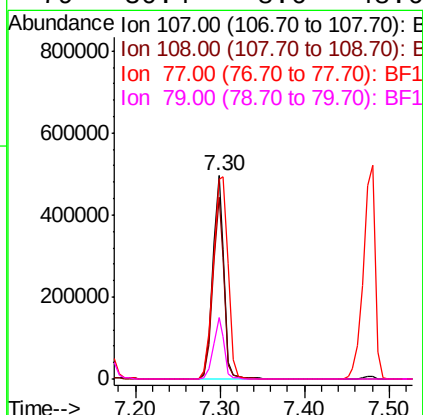
Instrument :
BNA_F
ClientSampleId :

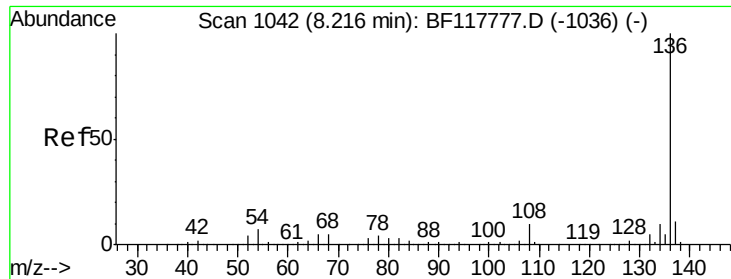
Tot Ion:	70	Resp:	312448
Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.4	71.2
101	10.7	8.4	12.6
130	25.3	18.8	28.2



#20
3+4-Methylphenols
Concen: 41.698 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:	107	Resp:	471885
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.4	108.4
77	98.5	35.2	75.2#
79	30.4	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 794136

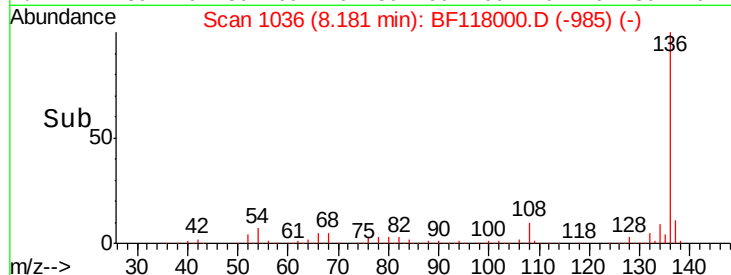
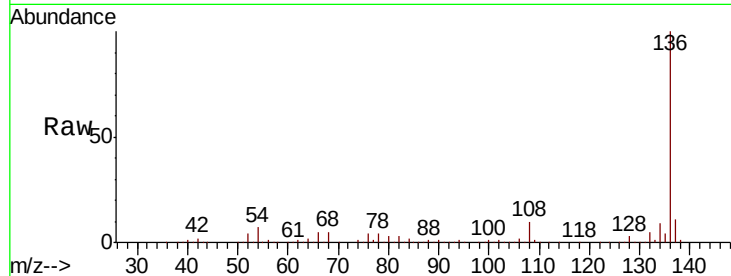
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.9 5.4 8.2

68 5.2 4.3 6.5

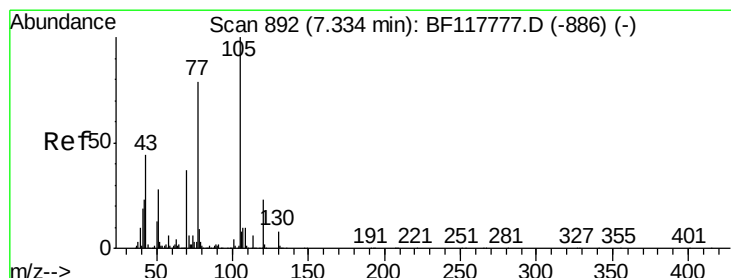
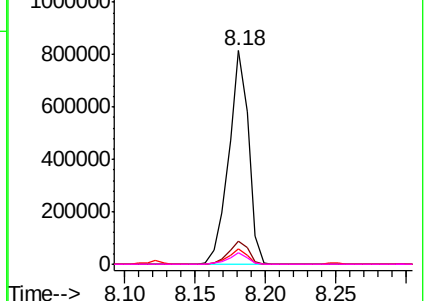


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.870 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Tgt Ion:105 Resp: 639982

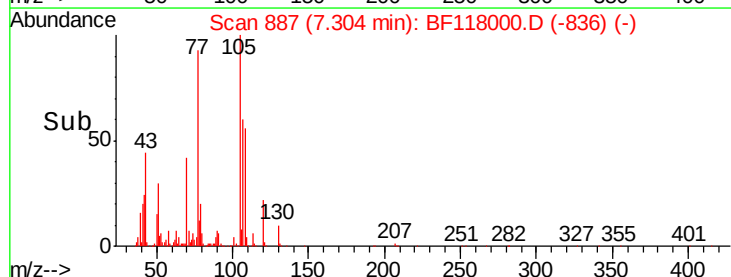
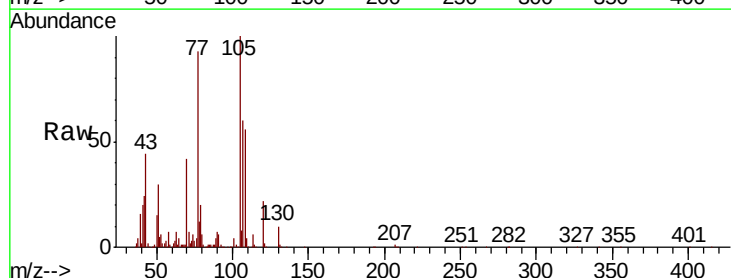
Ion Ratio Lower Upper

105 100

71 6.9 4.9 7.3

51 30.0 22.7 34.1

120 22.4 18.5 27.7

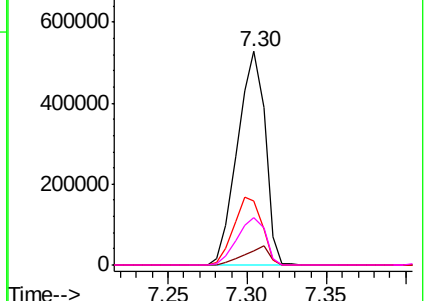


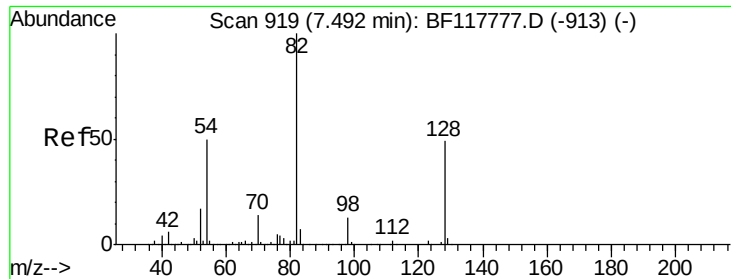
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

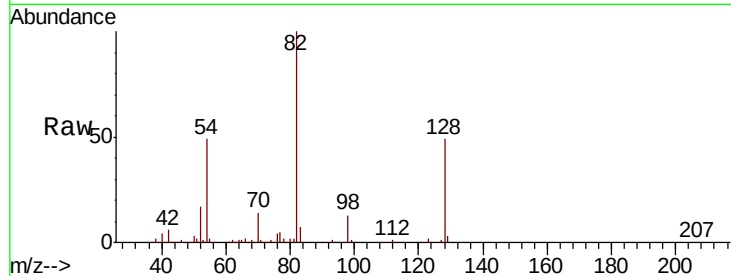




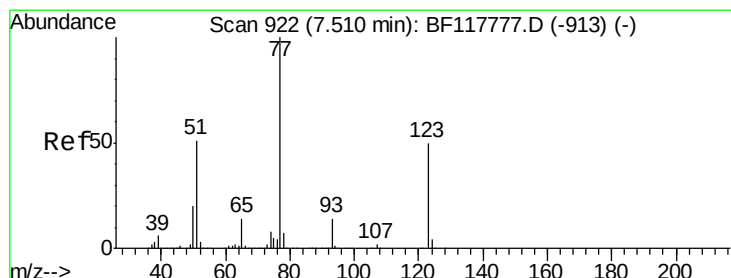
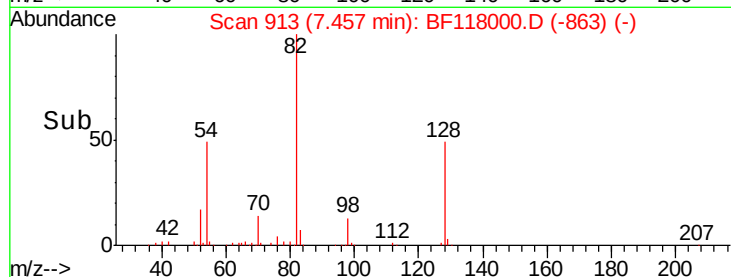
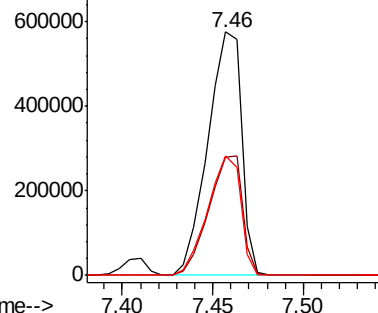
#23
 Nitrobenzene-d5
 Concen: 55.865 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	746303
Ion Ratio	100	Lower	Upper
128	48.8	38.9	58.3
54	49.3	39.8	59.6

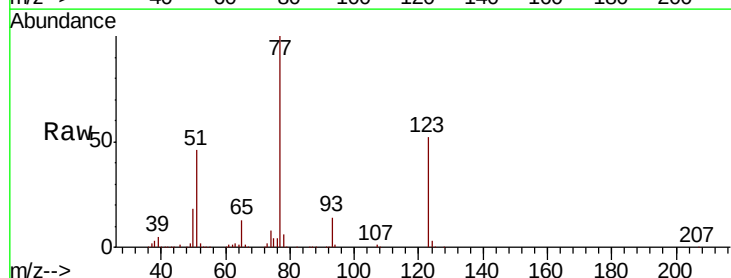


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

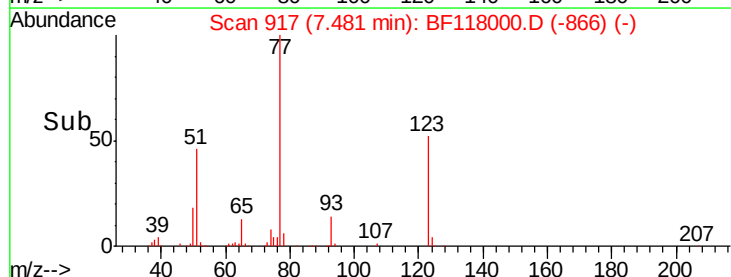
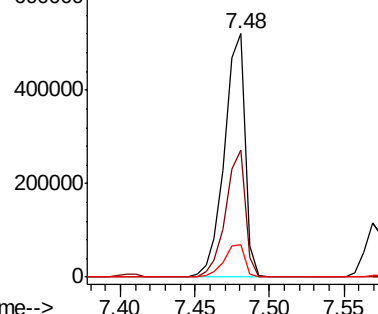


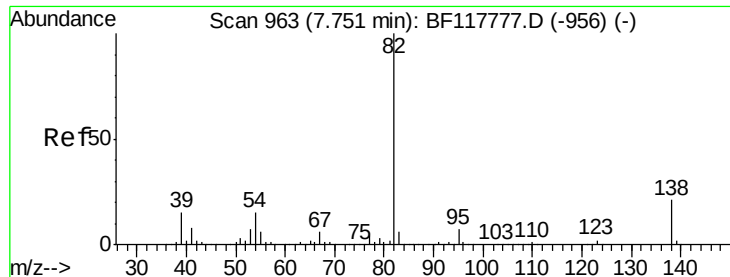
#24
 Nitrobenzene
 Concen: 35.923 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion	77	Resp	495077
Ion Ratio	100	Lower	Upper
123	52.0	40.3	60.5
65	13.2	10.9	16.3



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

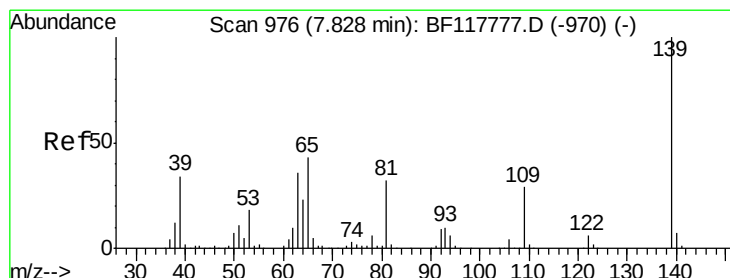
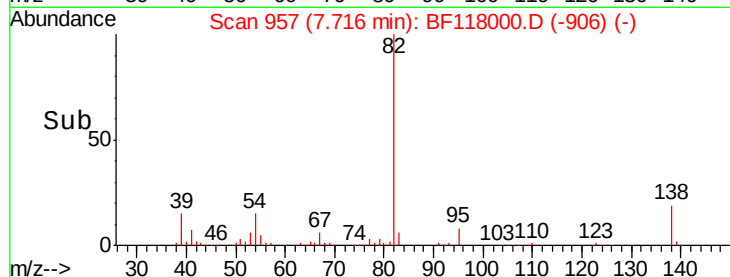
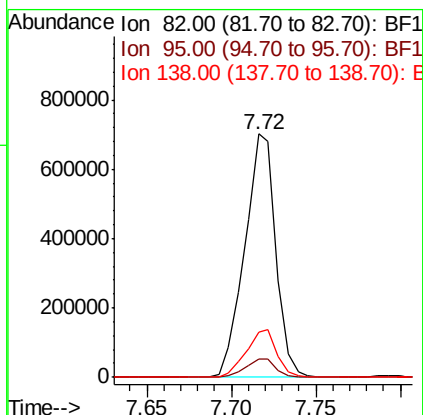
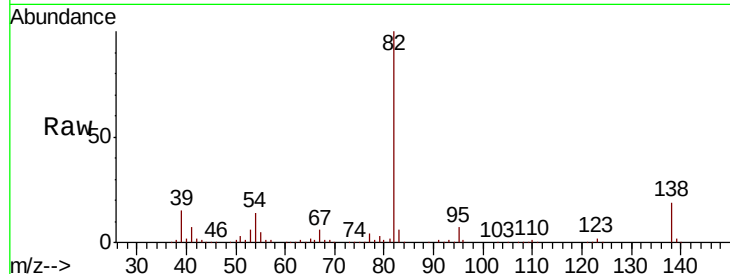




#25
Isophorone
Concen: 36.713 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

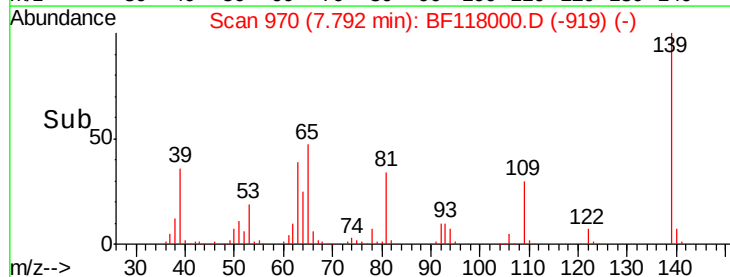
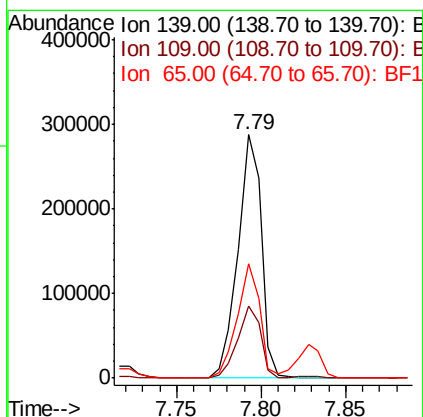
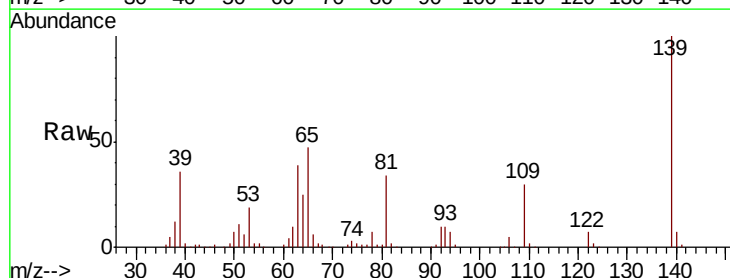
Instrument :
BNA_F
ClientSampleId :

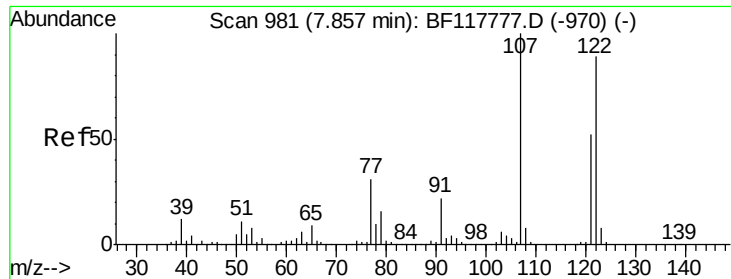
Tot Ion: 82 Resp: 898906
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 18.6 16.5 24.7



#26
2-Nitrophenol
Concen: 41.571 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion: 139 Resp: 278854
Ion Ratio Lower Upper
139 100
109 29.5 23.0 34.4
65 47.1 34.7 52.1

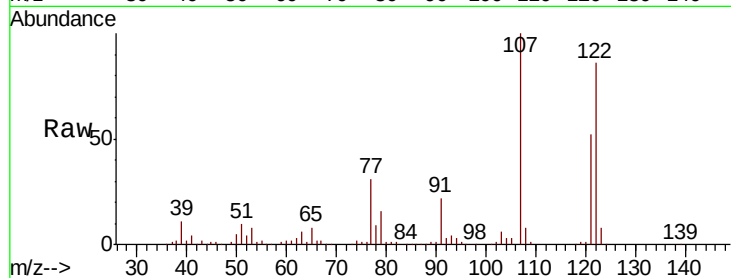




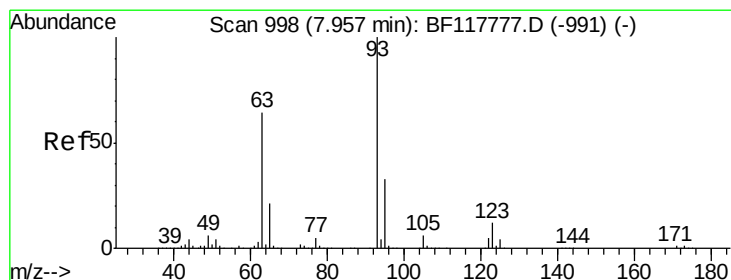
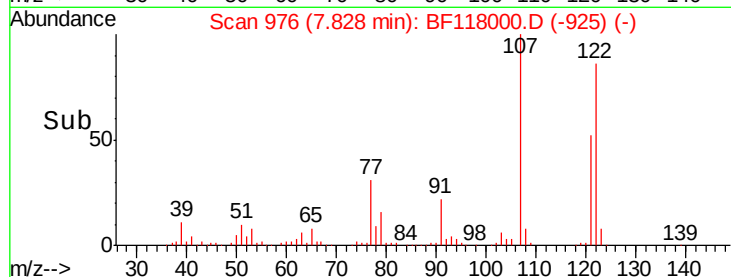
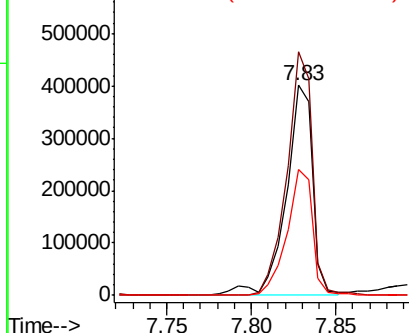
#27
2,4-Dimethylphenol
Concen: 41.885 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 436577
Ion Ratio Lower Upper
122 100
107 115.9 90.0 135.0
121 59.8 46.7 70.1

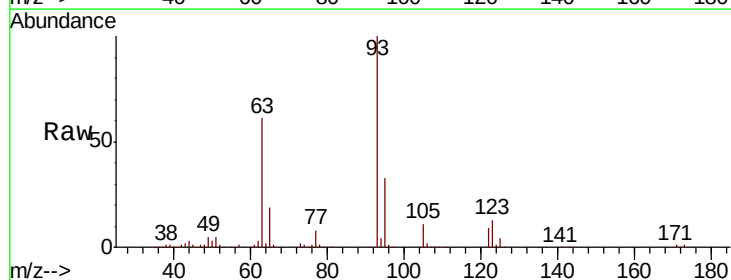


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

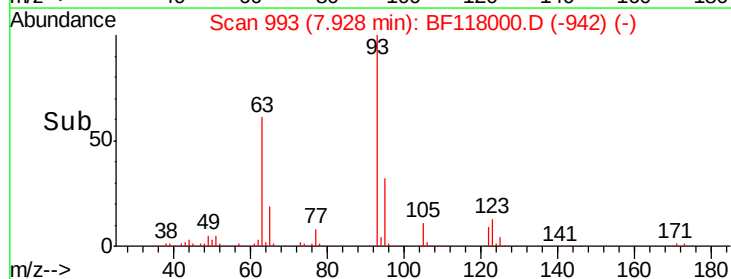
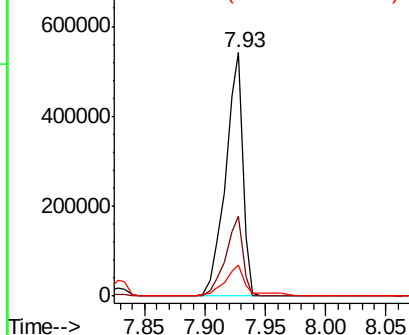


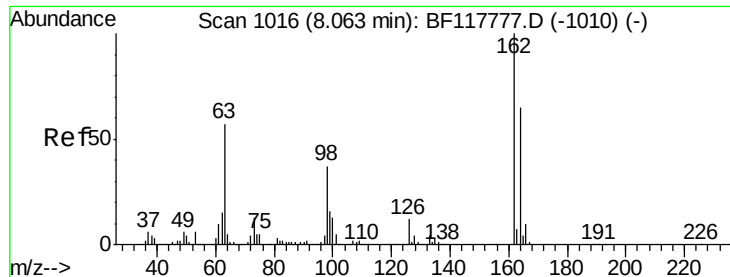
#28
bis(2-Chloroethoxy)methane
Concen: 34.513 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion: 93 Resp: 536247
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 12.7 10.3 15.5



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

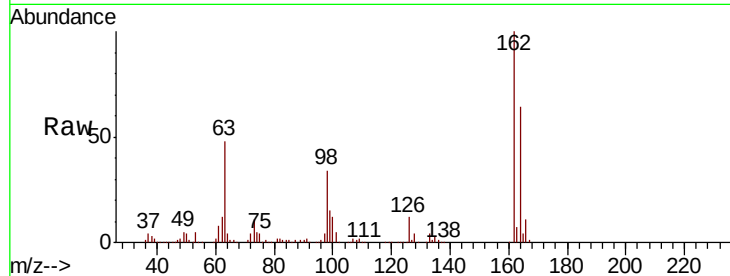




#29
2,4-Dichlorophenol
Concen: 36.559 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	34.3	17.2	57.2

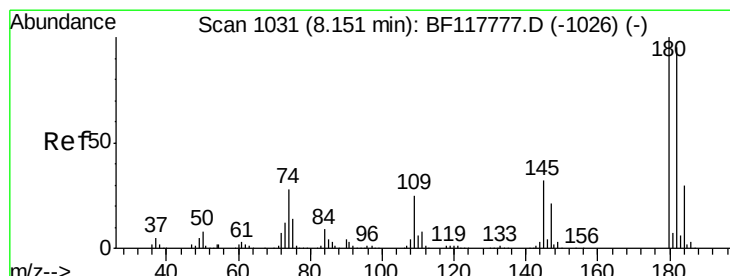
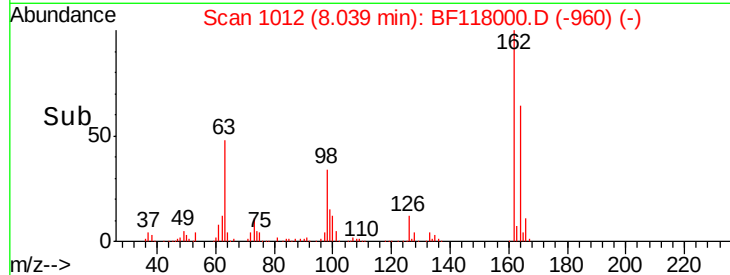
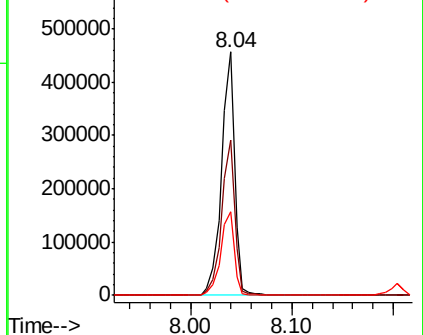


Abundance

Ion 162.00 (161.70 to 162.70): E

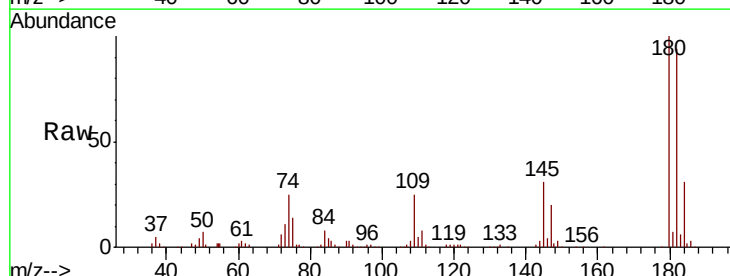
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 34.878 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	31.4	25.5	38.3

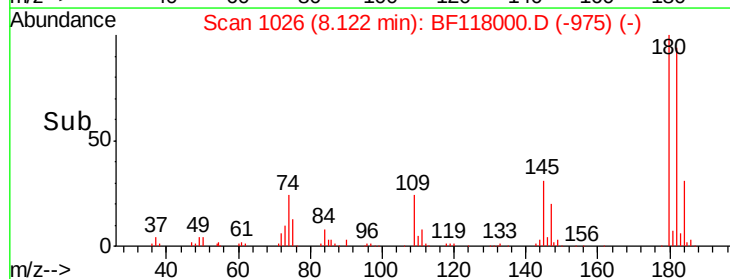
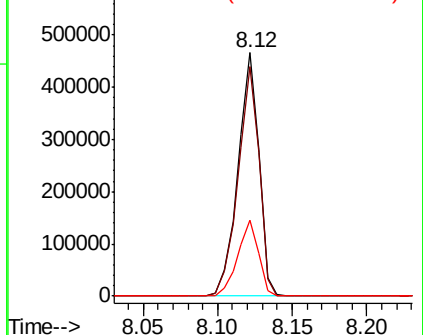


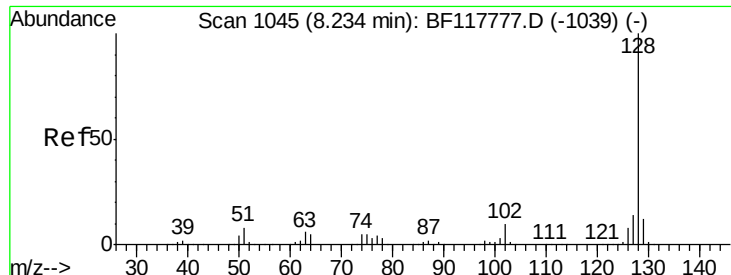
Abundance

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

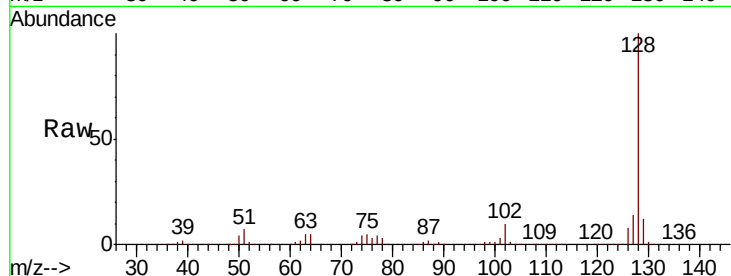




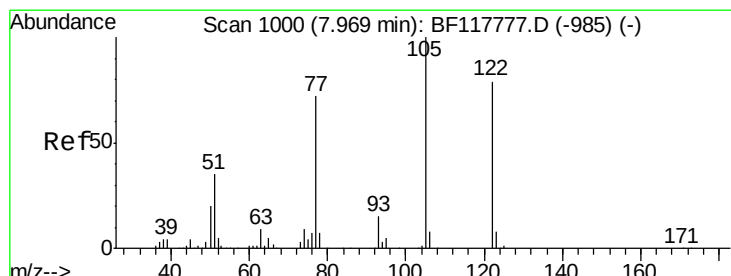
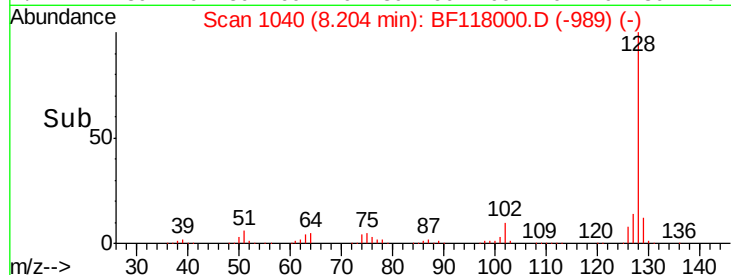
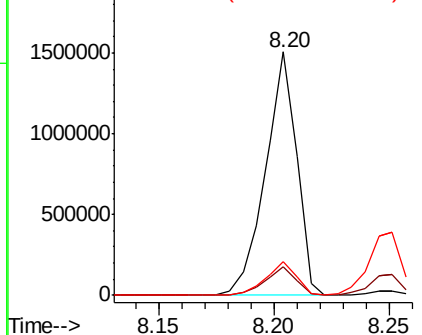
#31
Naphthalene
Concen: 38.238 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1415657
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.8 11.3 16.9

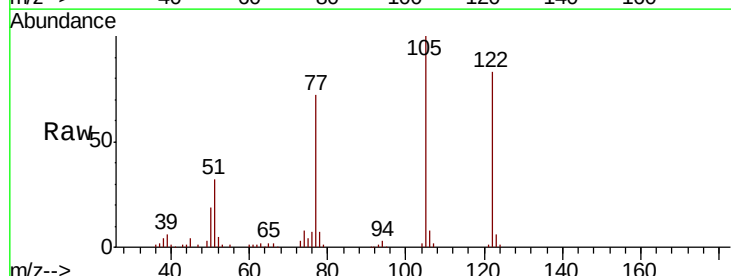


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

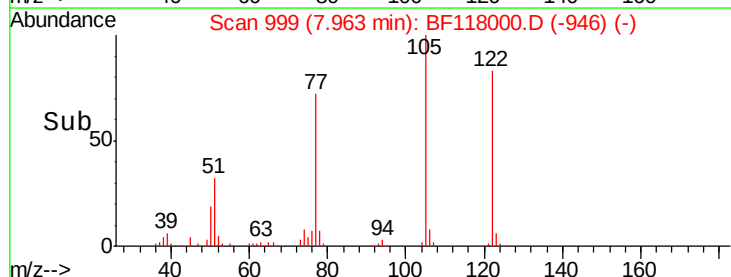
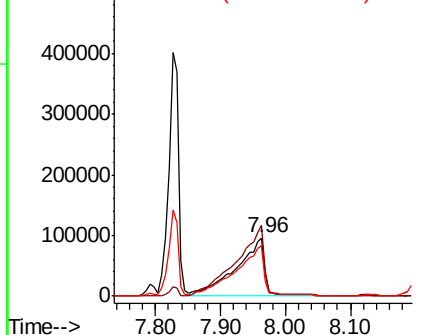


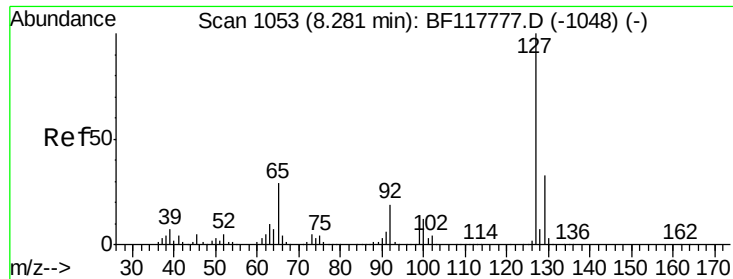
#32
Benzoic acid
Concen: 33.411 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:122 Resp: 291590
Ion Ratio Lower Upper
122 100
105 121.1 102.7 142.7
77 87.4 70.5 110.5



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

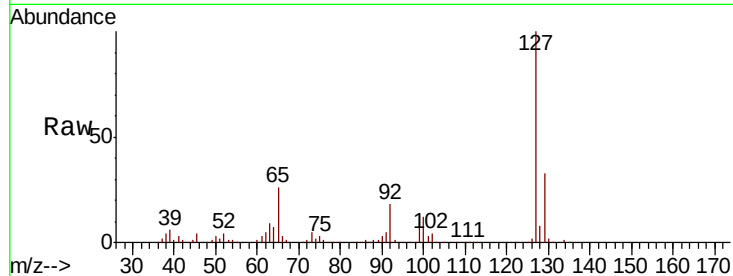




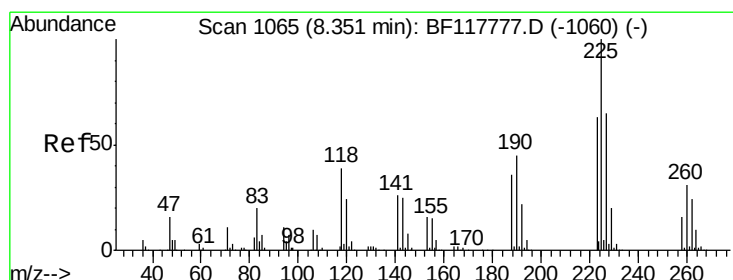
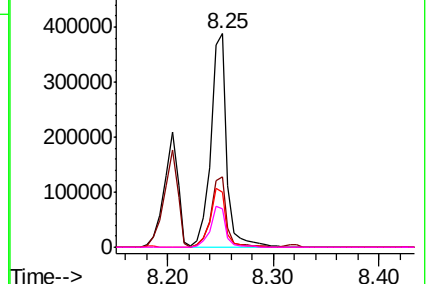
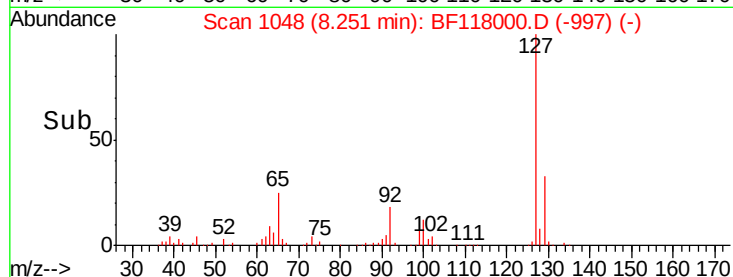
#33
4-Chloroaniline
Concen: 24.690 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	409219
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	25.6	22.9	34.3
92	18.2	15.0	22.6

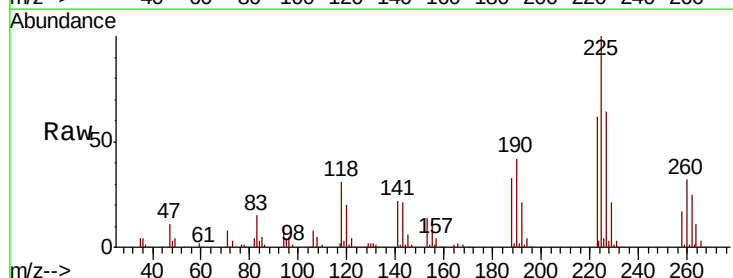


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

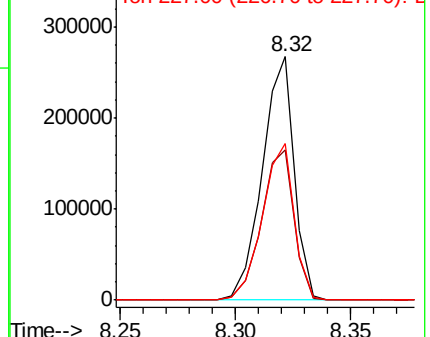
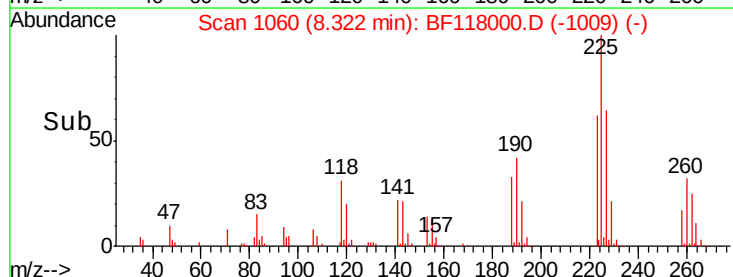


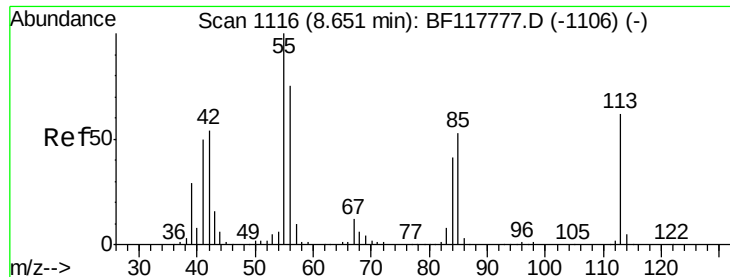
#34
Hexachlorobutadiene
Concen: 33.568 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:	225	Resp:	257384
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.0	75.0
227	64.2	51.8	77.6



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

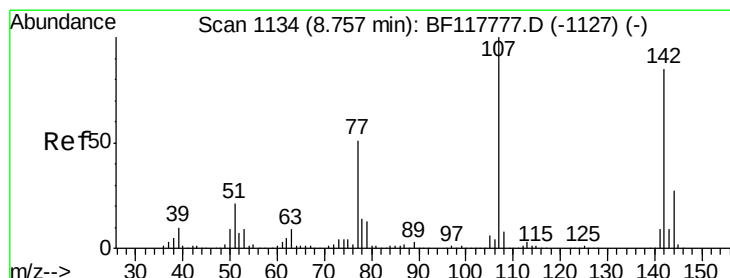
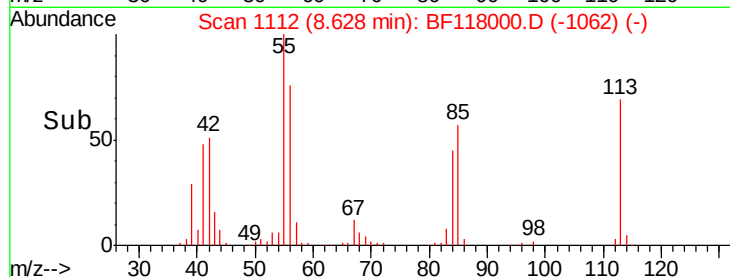
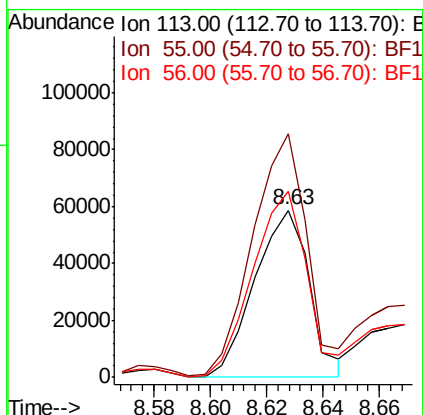
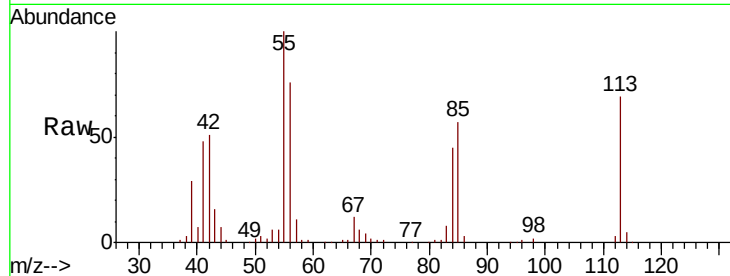




#35
Caprolactam
Concen: 21.942 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

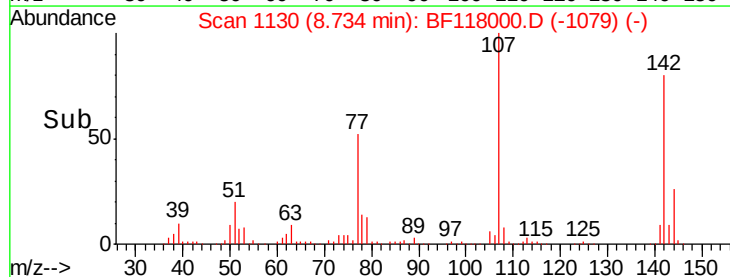
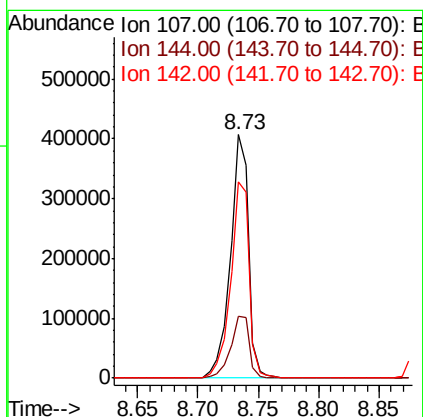
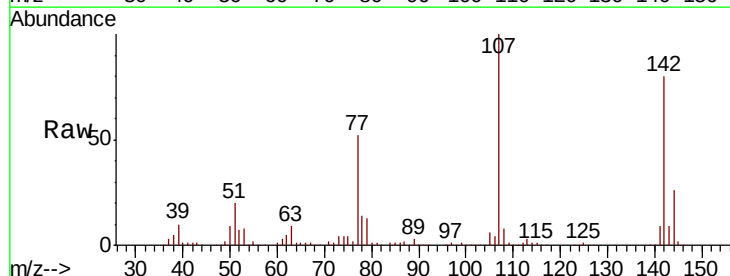
Instrument :
BNA_F
ClientSampleId :

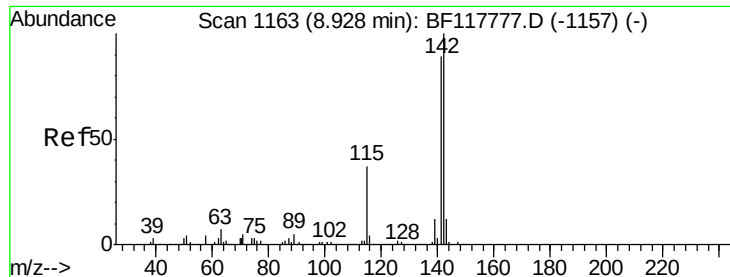
Tot Ion:113 Resp: 78845
Ion Ratio Lower Upper
113 100
55 145.6 141.1 181.1
56 111.4 100.5 140.5



#36
4-Chloro-3-methylphenol
Concen: 37.110 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:107 Resp: 425810
Ion Ratio Lower Upper
107 100
144 25.6 21.9 32.9
142 80.4 67.7 101.5

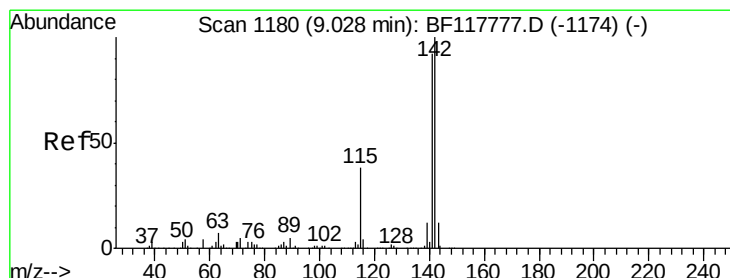
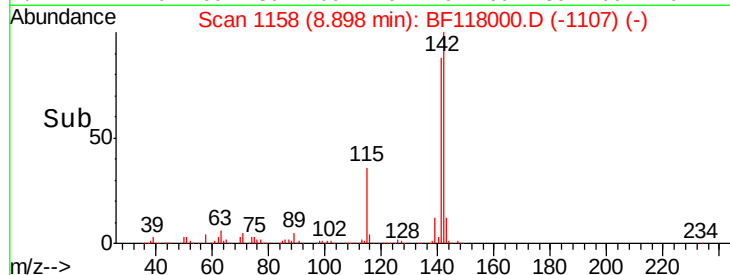
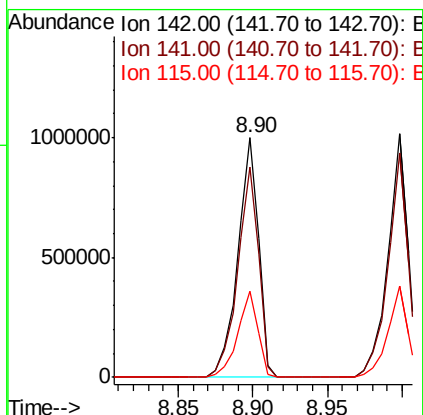
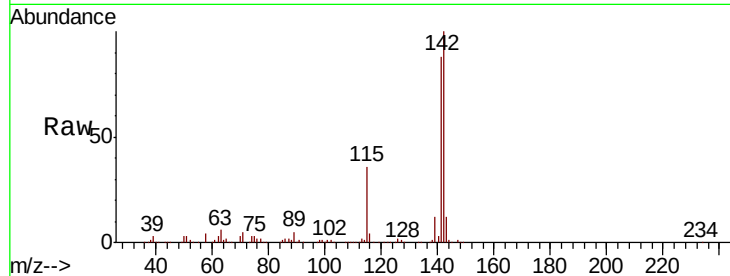




#37
2-Methylnaphthalene
Concen: 38.721 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

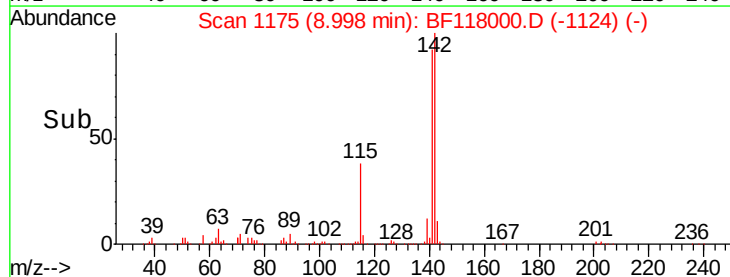
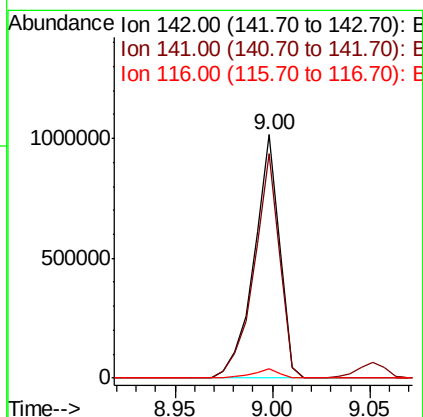
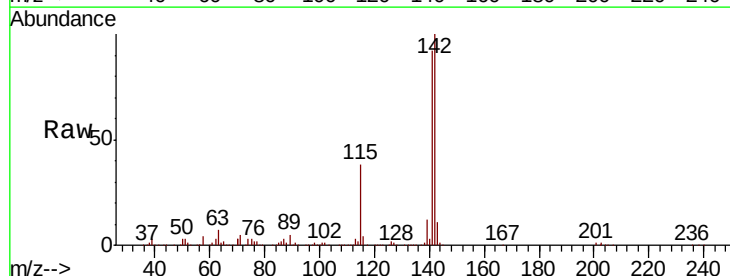
Instrument :
BNA_F
ClientSampleId :

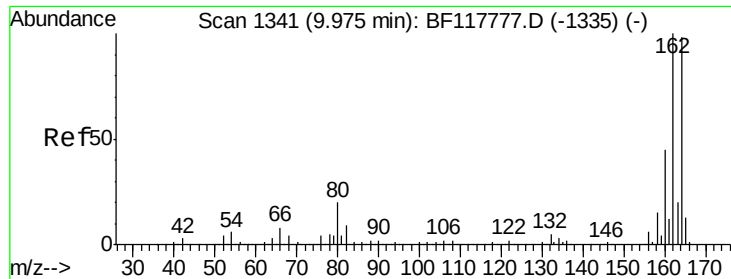
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.1	106.7
115	36.1	29.2	43.8



#38
1-Methylnaphthalene
Concen: 38.612 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.5	110.3
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

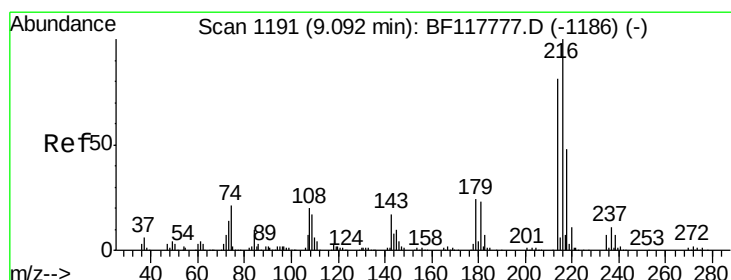
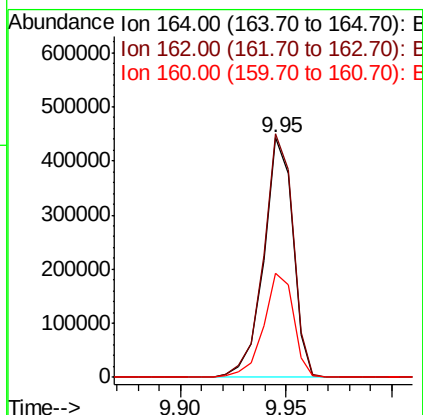
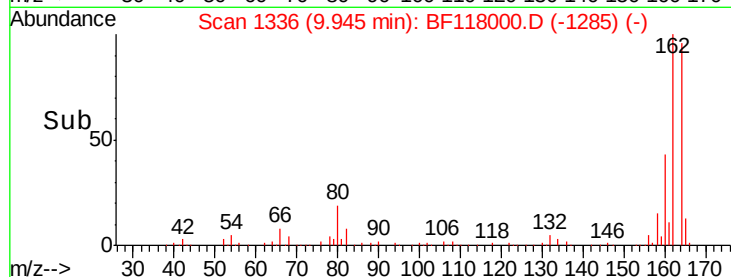
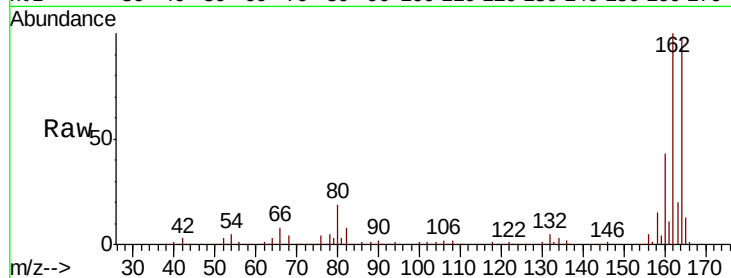
Tot Ion:164 Resp: 425702

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 43.7 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.400 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Tgt Ion:216 Resp: 425275

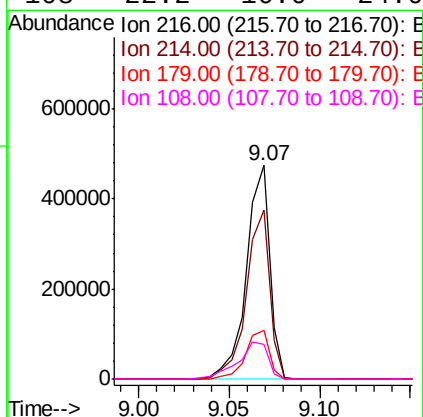
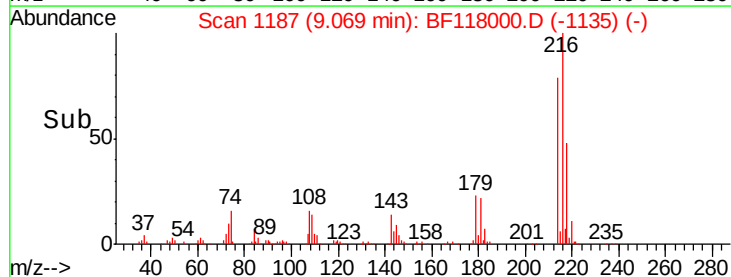
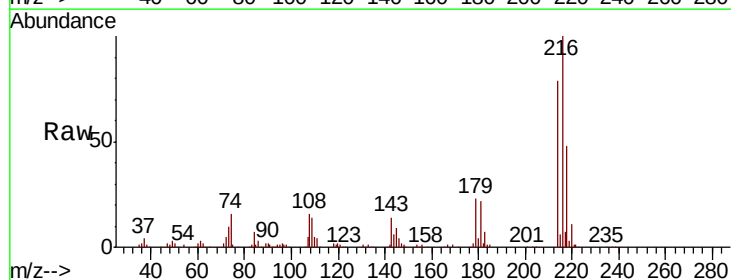
Ion Ratio Lower Upper

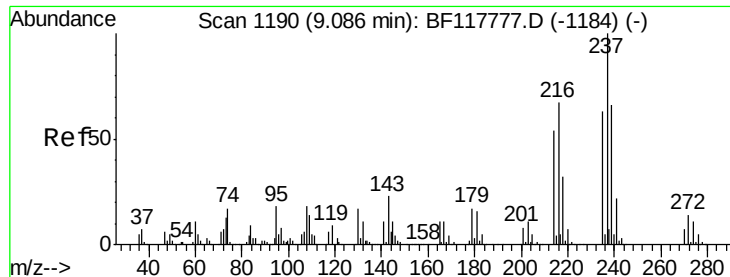
216 100

214 78.9 63.4 95.0

179 23.4 18.2 27.4

108 22.2 16.0 24.0

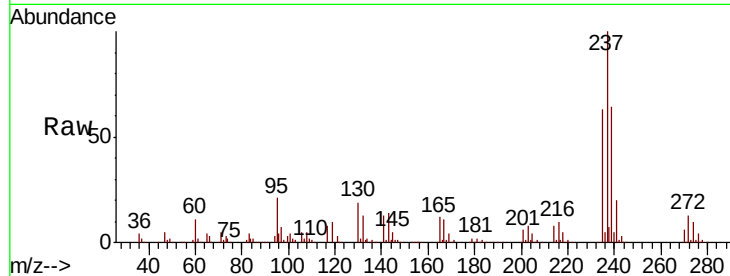




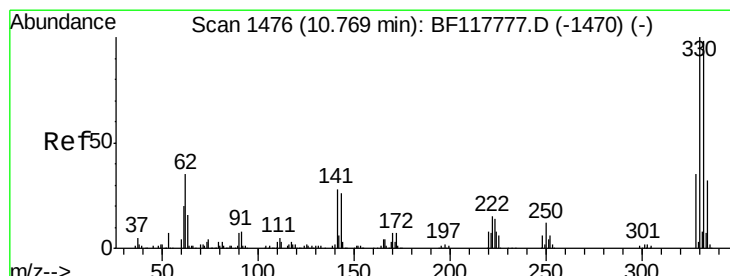
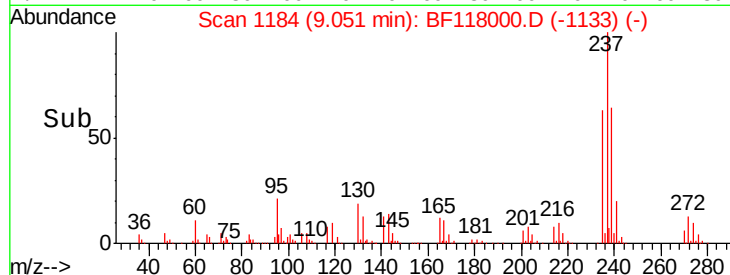
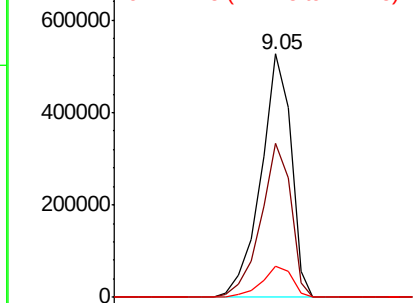
#41
Hexachlorocyclopentadiene
Concen: 75.575 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.6	82.6
272	13.0	0.0	34.3

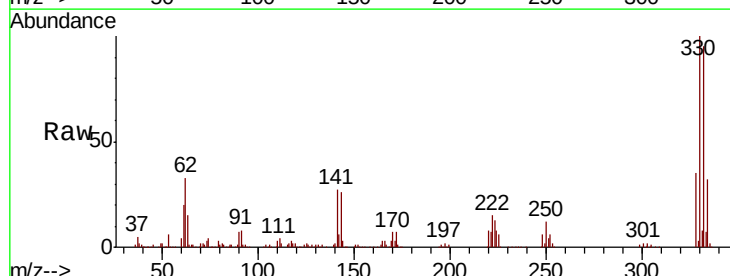


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

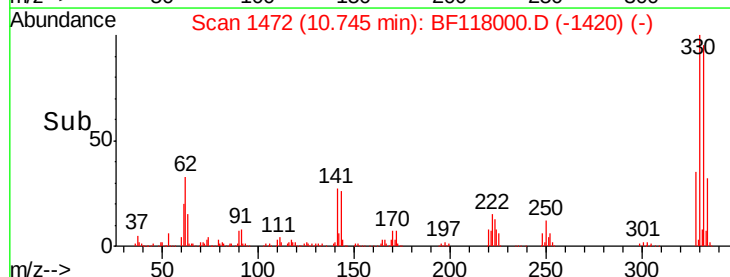
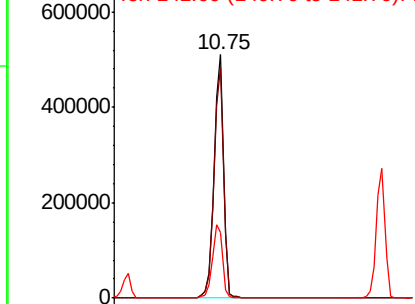


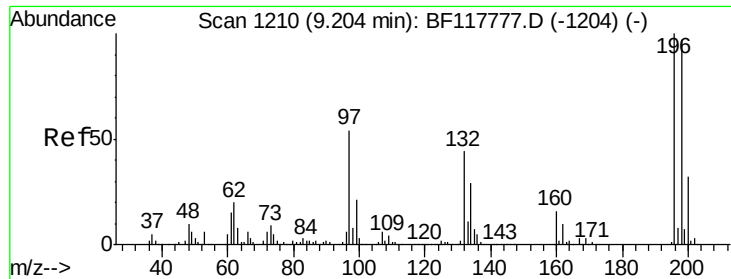
#42
2,4,6-Tribromophenol
Concen: 107.043 ng
RT: 10.75 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.7	115.1
141	32.1	27.7	41.5



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

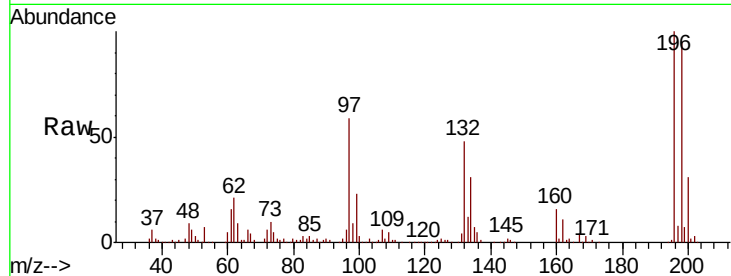




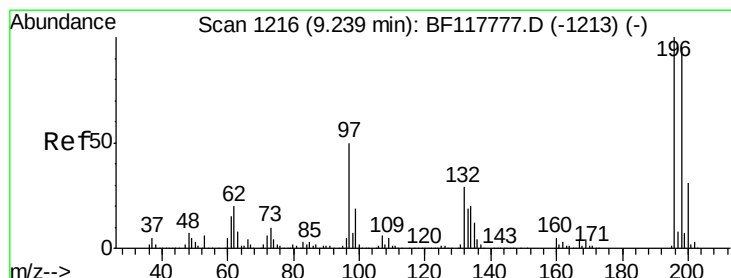
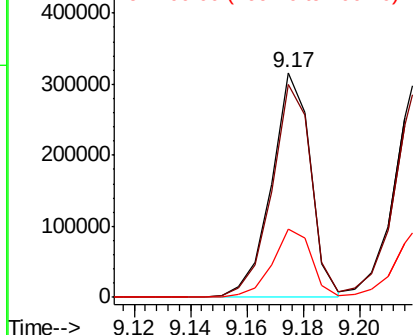
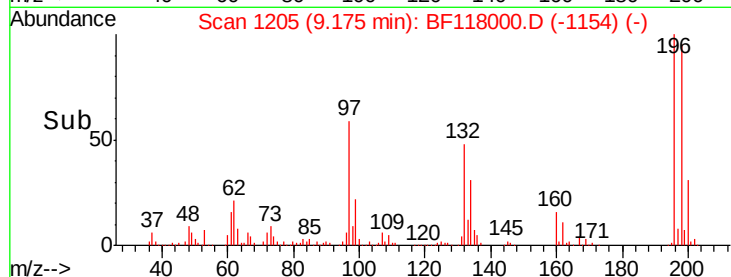
#43
 2,4,6-Trichlorophenol
 Concen: 34.148 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 302382
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.8 116.6
 200 30.6 25.4 38.0

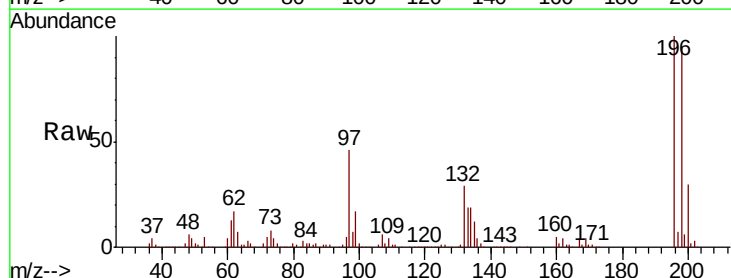


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

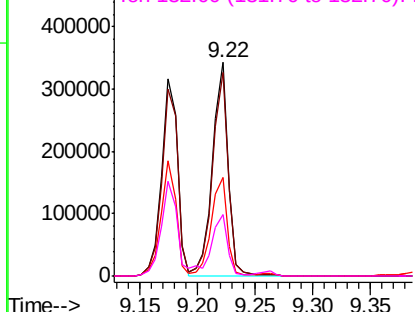
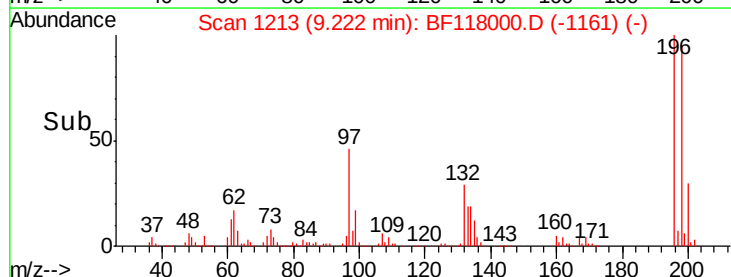


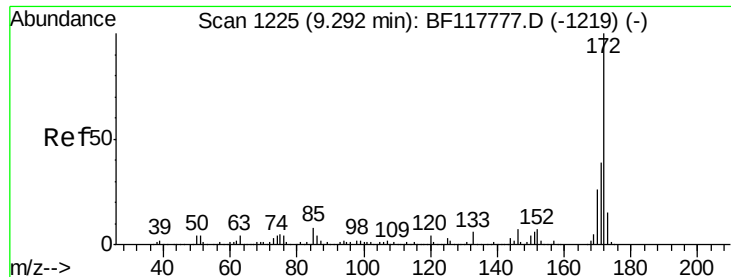
#44
 2,4,5-Trichlorophenol
 Concen: 35.198 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion:196 Resp: 323605
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 97 46.4 40.0 60.0
 132 28.8 23.6 35.4



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

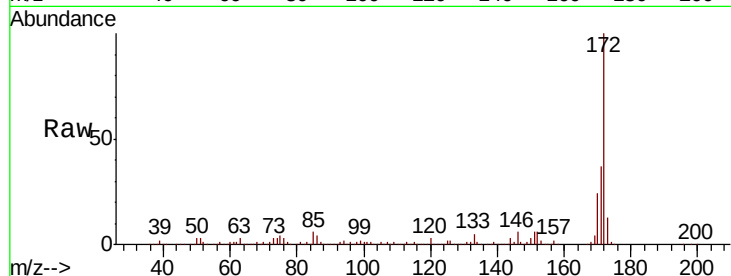




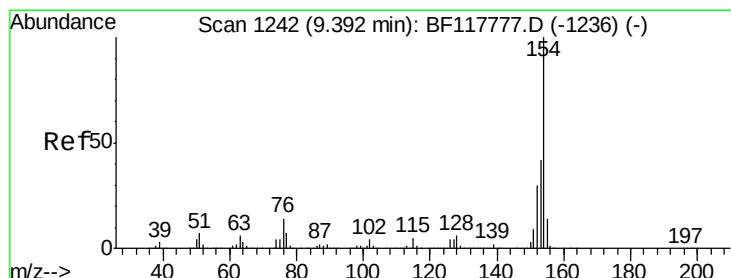
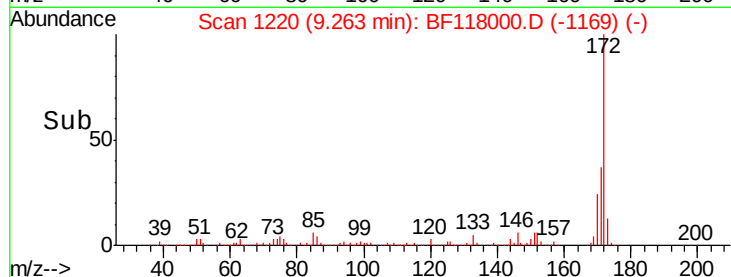
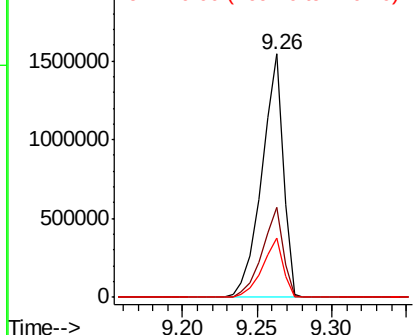
#45
2-Fluorobiphenyl
Concen: 63.769 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1513148
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 24.2 21.0 31.4

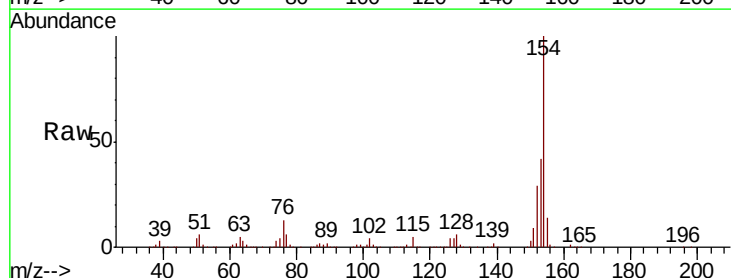


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

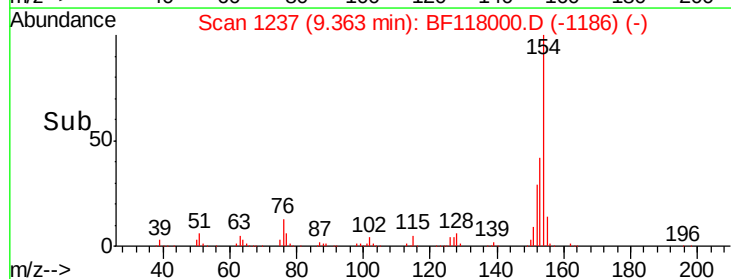
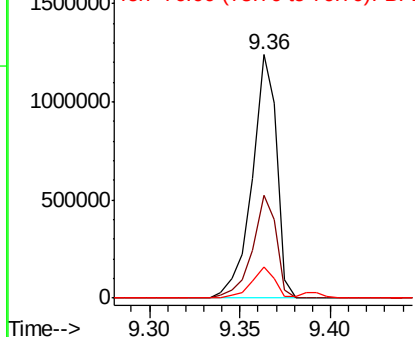


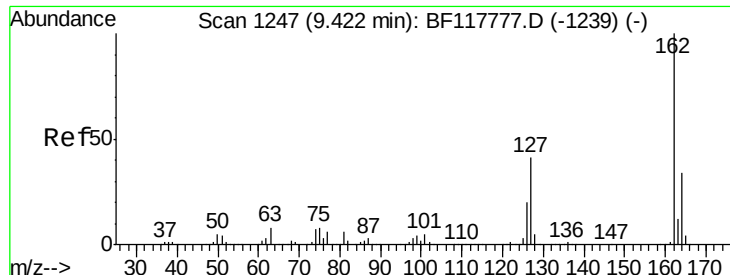
#46
1,1'-Biphenyl
Concen: 36.898 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:154 Resp: 1165351
Ion Ratio Lower Upper
154 100
153 42.2 21.9 61.9
76 13.0 0.0 33.6



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

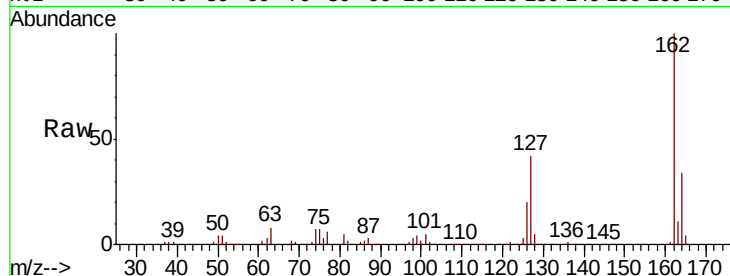




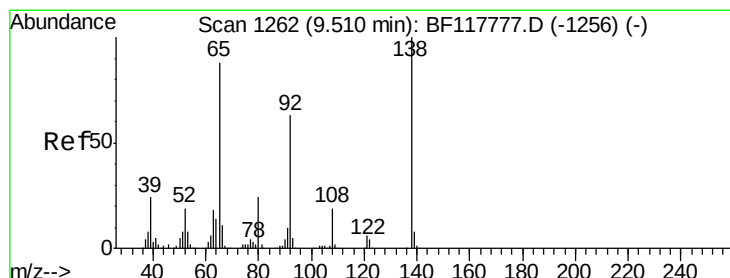
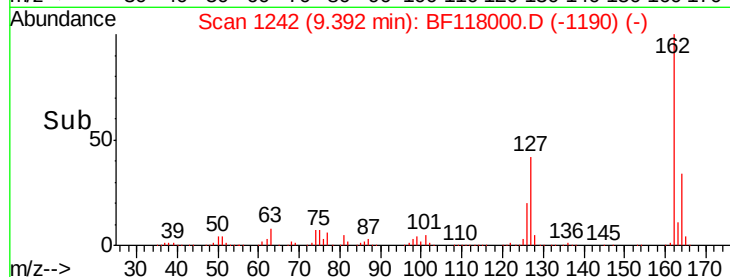
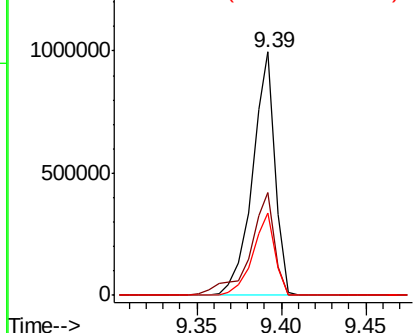
#47
 2-Chloronaphthalene
 Concen: 35.710 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.2	49.8
164	33.9	27.3	40.9

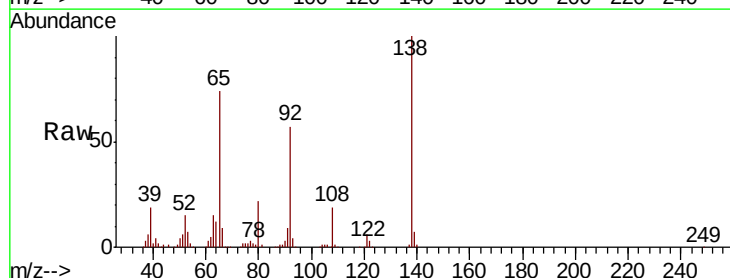


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

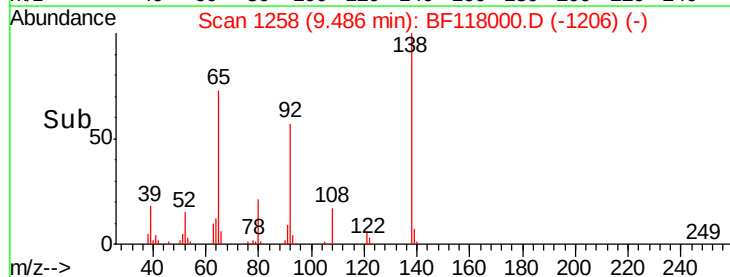
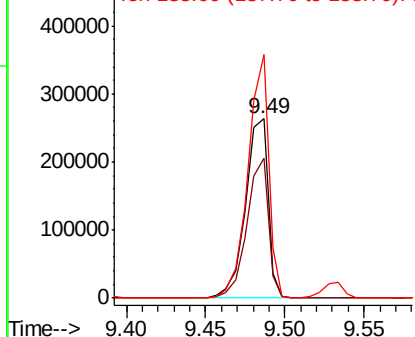


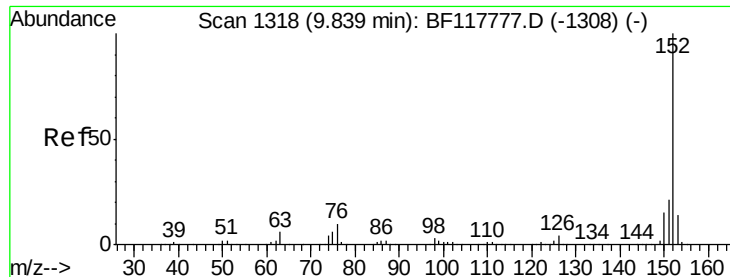
#48
 2-Nitroaniline
 Concen: 33.162 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.8	56.6	84.8
138	136.0	90.5	135.7#



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: 38.154 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

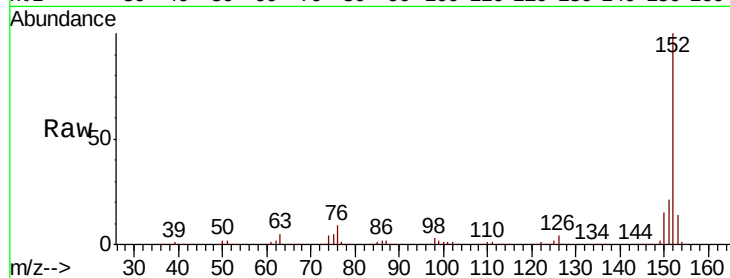
Tot Ion:152 Resp: 1445278

Ion Ratio Lower Upper

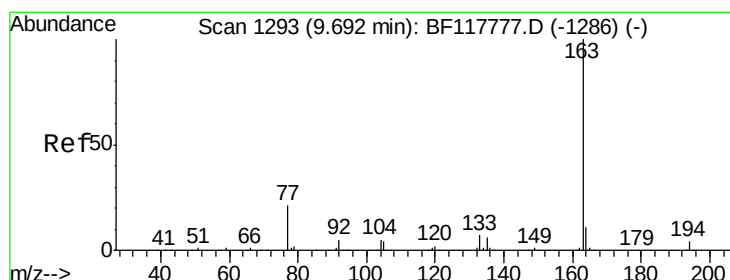
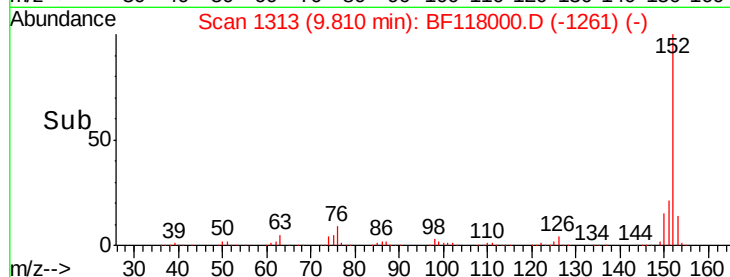
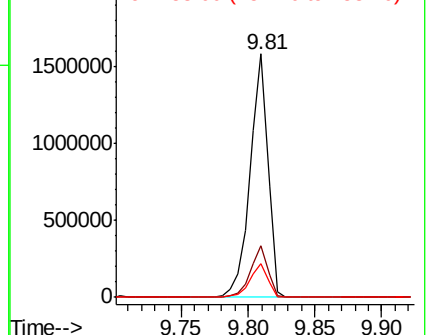
152 100

151 21.3 17.0 25.6

153 13.8 11.0 16.6



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: 35.235 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

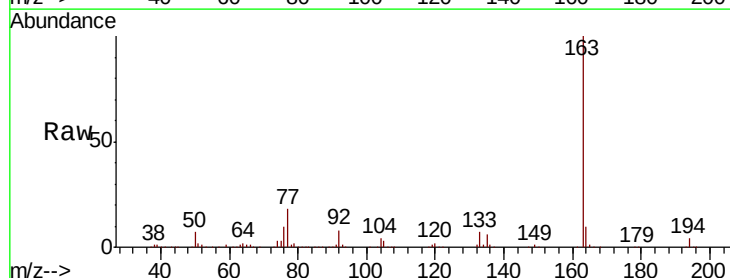
Tgt Ion:163 Resp: 1051822

Ion Ratio Lower Upper

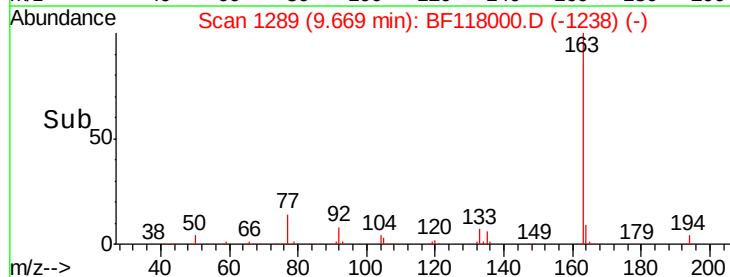
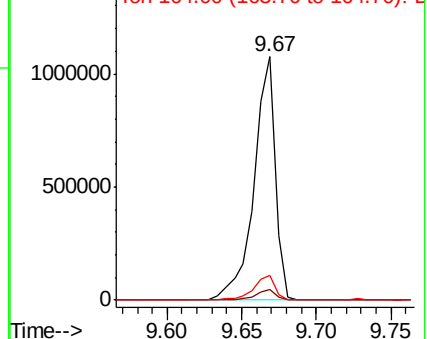
163 100

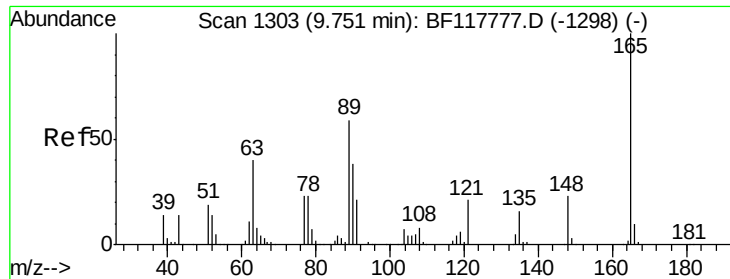
194 4.1 3.3 4.9

164 10.0 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 36.771 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

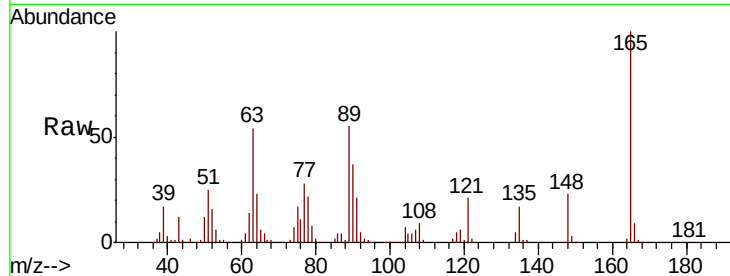
Tot Ion:165 Resp: 239905

Ion Ratio Lower Upper

165 100

63 53.6 46.0 69.0

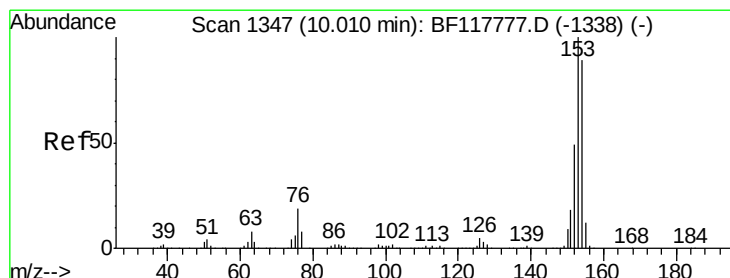
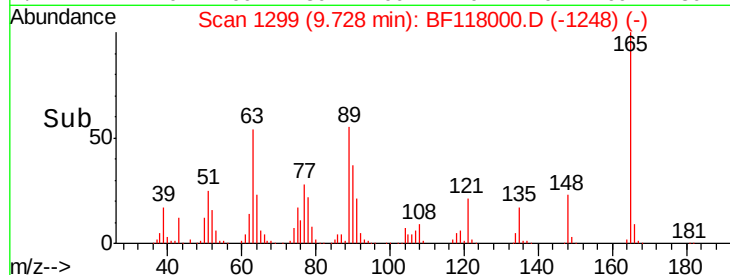
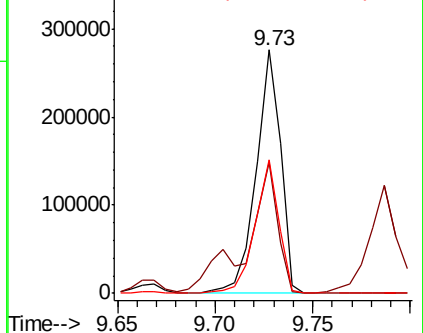
89 54.9 47.7 71.5



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: 34.916 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

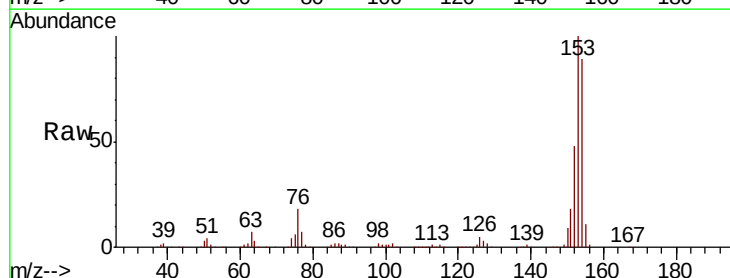
Tgt Ion:154 Resp: 847269

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

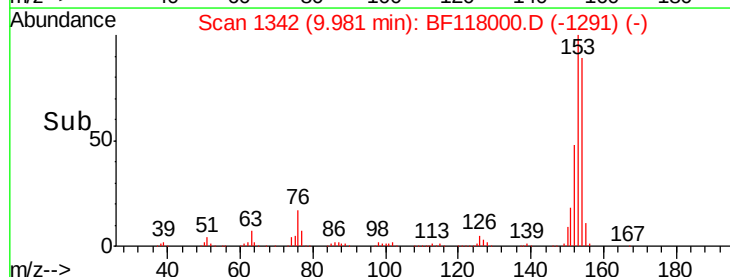
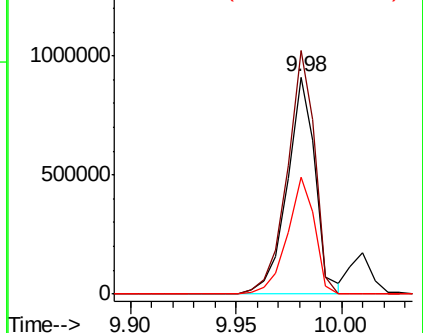
152 53.7 44.0 66.0

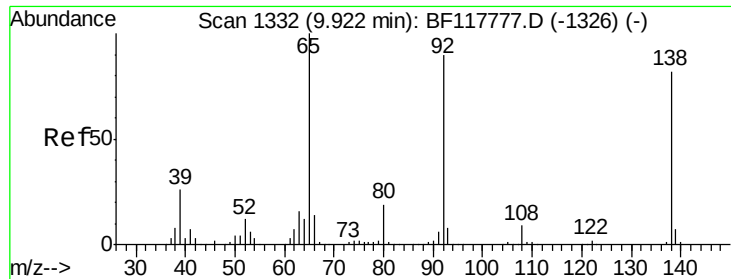


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

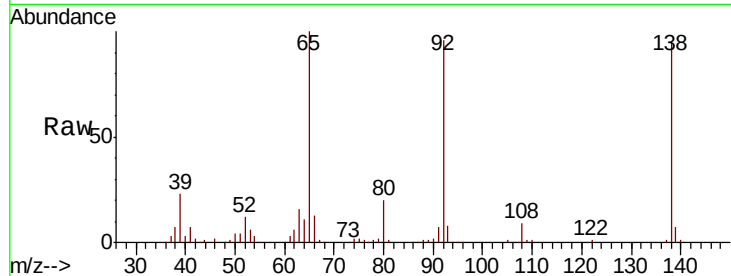




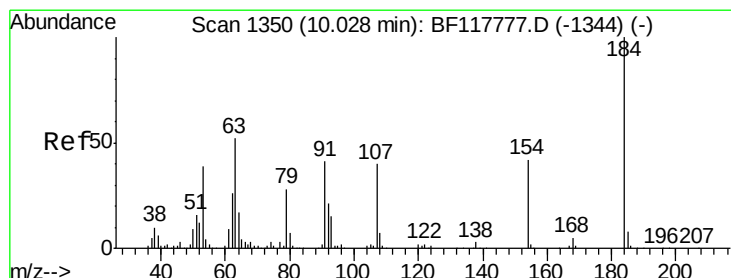
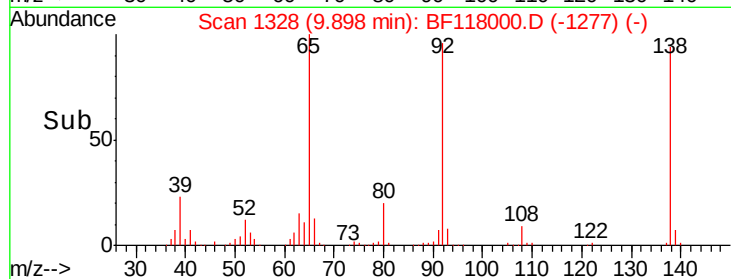
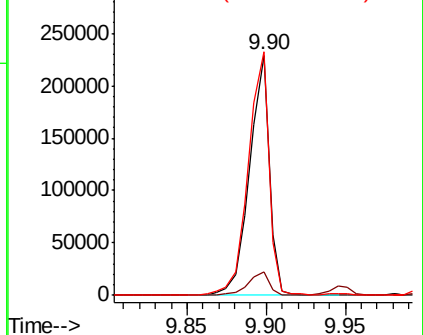
#53
3-Nitroaniline
Concen: 25.435 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 198568
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 101.5 87.9 131.9

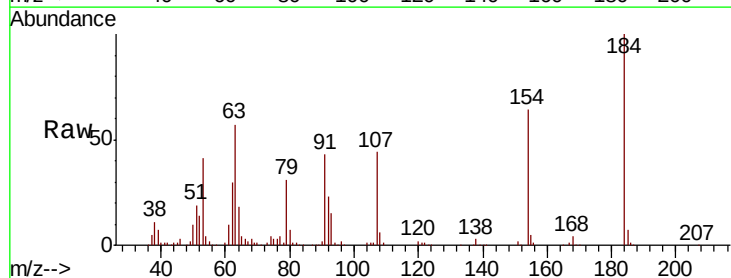


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

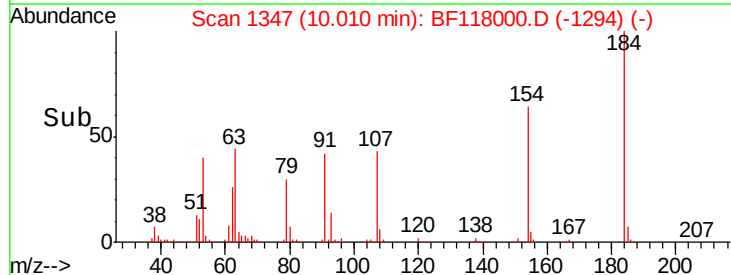
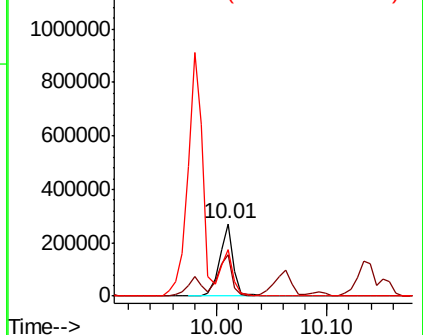


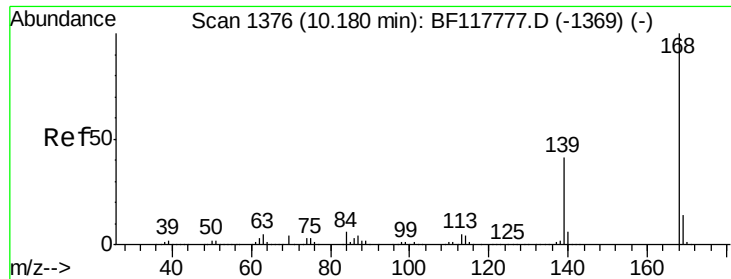
#54
2,4-Dinitrophenol
Concen: 70.708 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:184 Resp: 233939
Ion Ratio Lower Upper
184 100
63 57.5 43.0 64.6
154 64.4 48.0 72.0



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

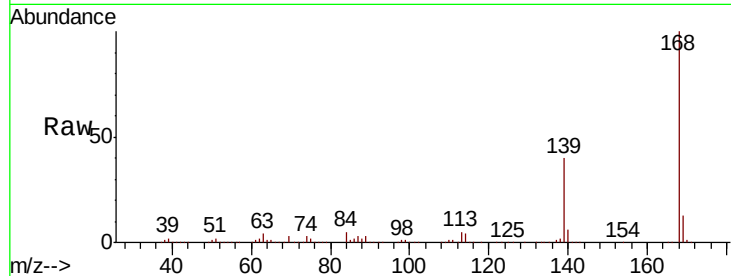




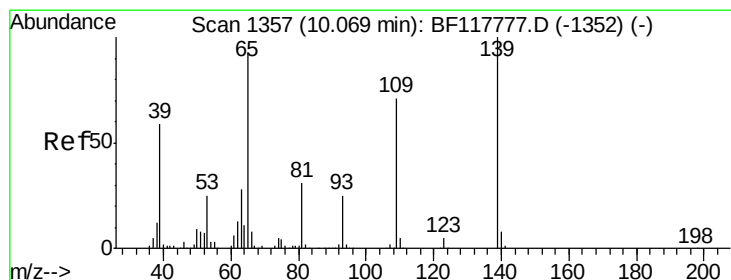
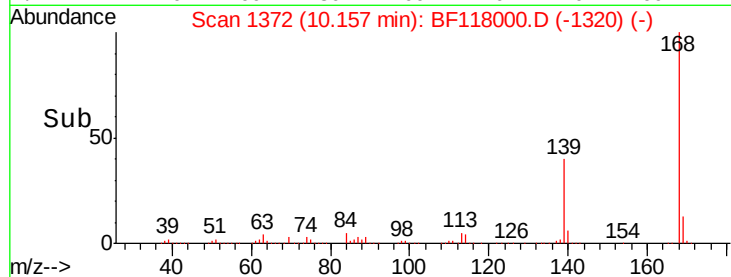
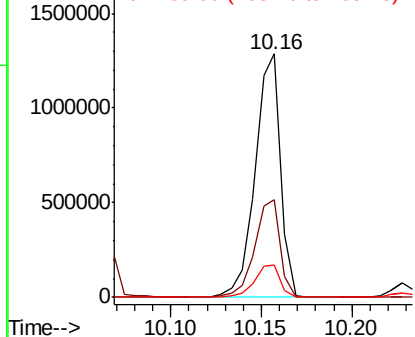
#55
Dibenzenofuran
Concen: 37.133 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1247770
Ion Ratio Lower Upper
168 100
139 40.1 33.0 49.6
169 13.2 11.5 17.3

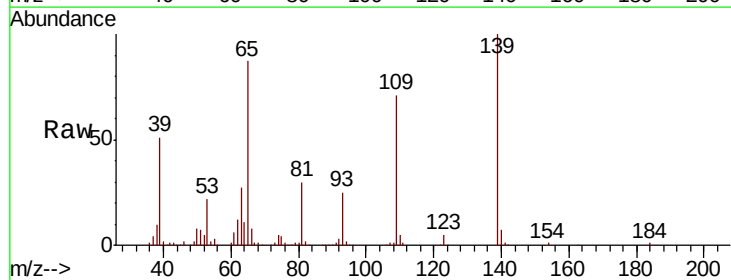


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

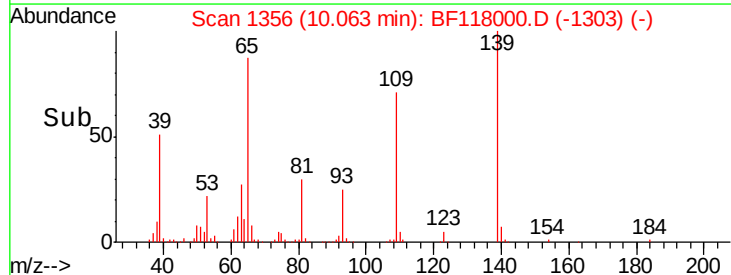
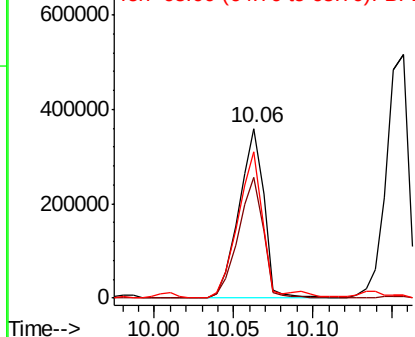


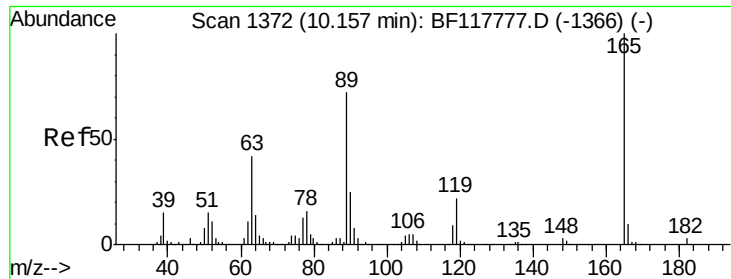
#56
4-Nitrophenol
Concen: 67.326 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:139 Resp: 392325
Ion Ratio Lower Upper
139 100
109 71.4 50.8 90.8
65 86.5 73.6 113.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

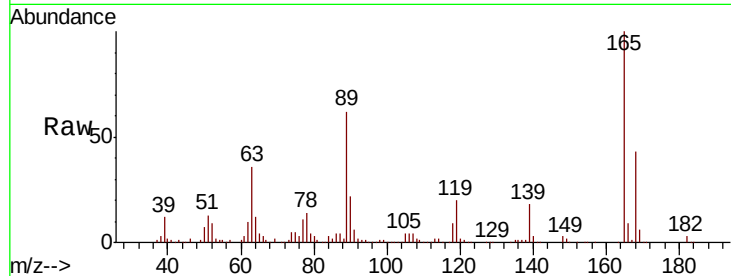




#57
2,4-Dinitrotoluene
Concen: 38.976 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	33.7	50.5
89	61.8	57.3	85.9
182	2.9	2.3	3.5



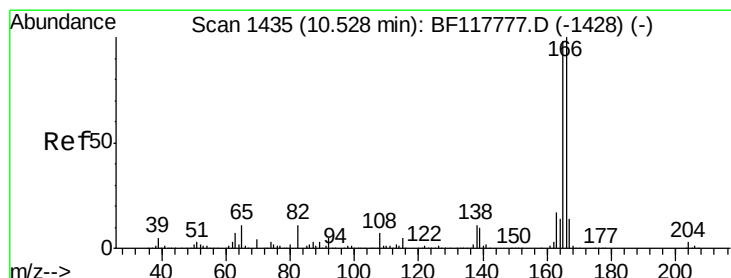
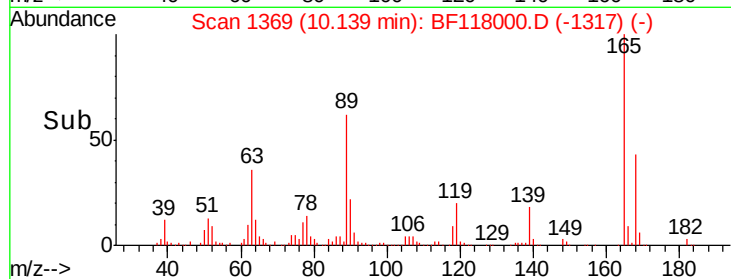
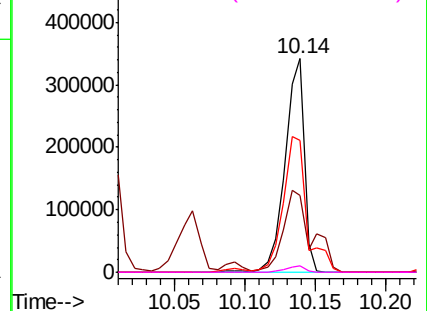
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

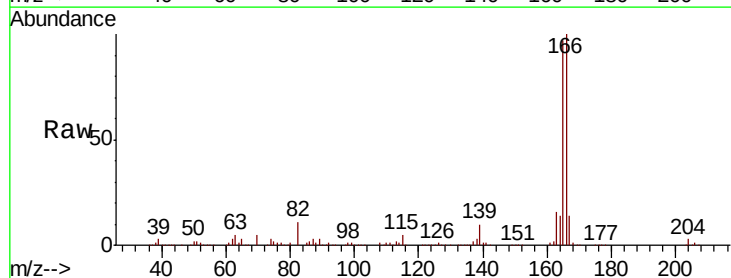
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 33.340 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	13.7	11.0	16.4

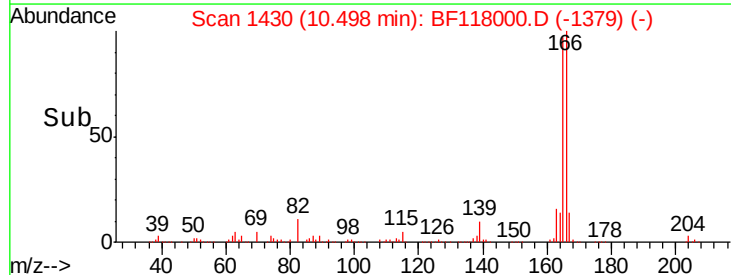
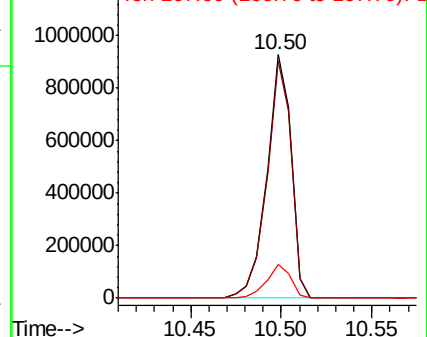


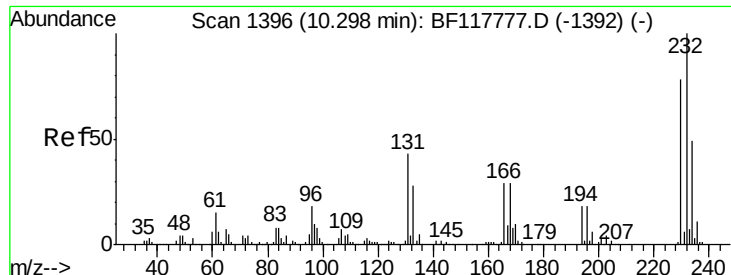
Abundance

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

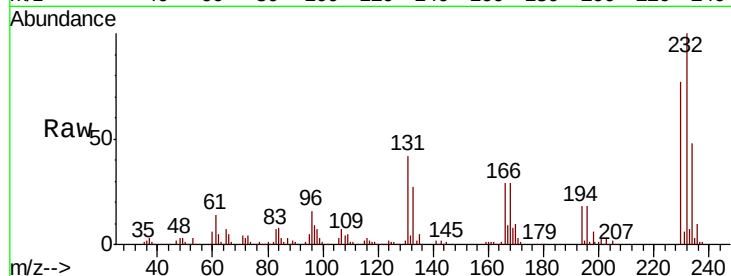




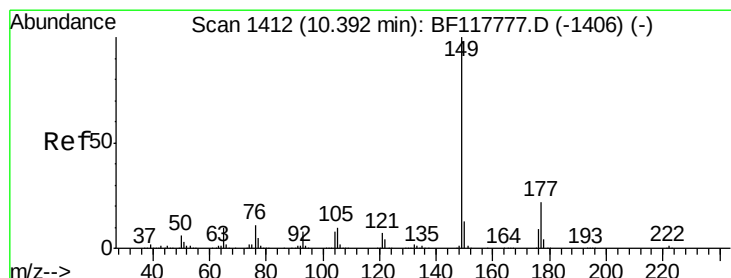
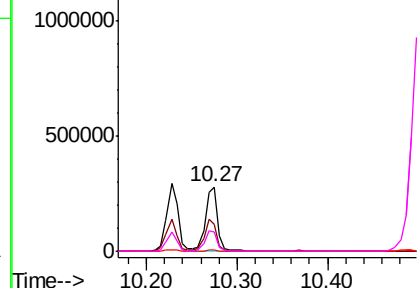
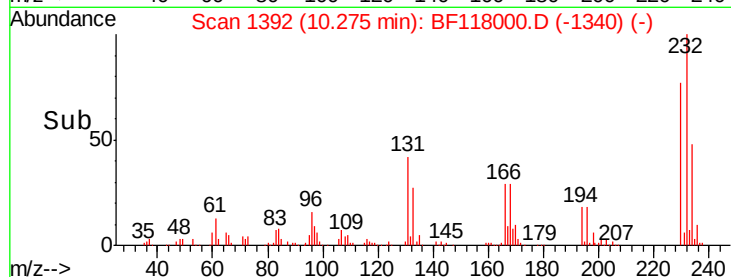
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.078 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	264987
Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.6	56.4
130	2.4	1.9	2.9
166	30.9	24.2	36.4

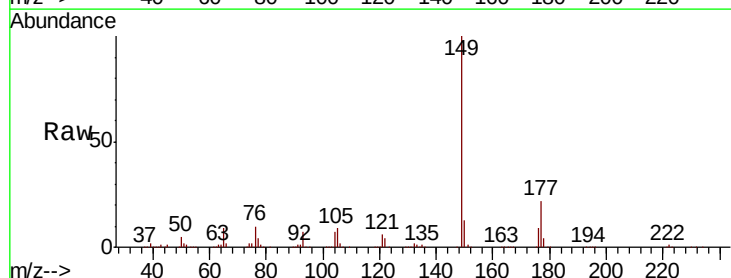


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

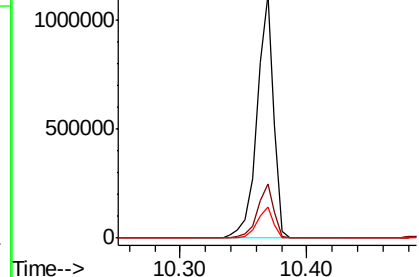
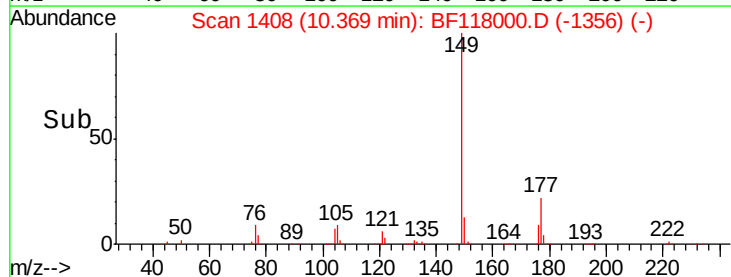


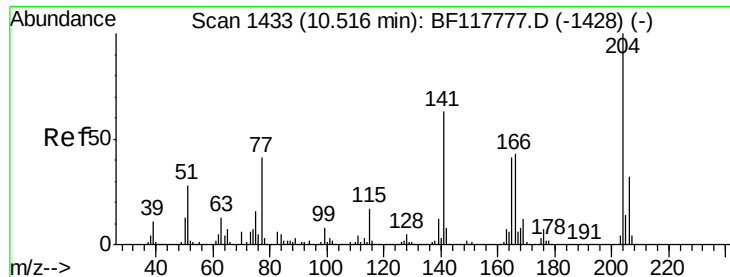
#60
 Diethylphthalate
 Concen: 35.142 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion:	149	Resp:	1022767
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.0	27.0
150	12.8	10.5	15.7



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

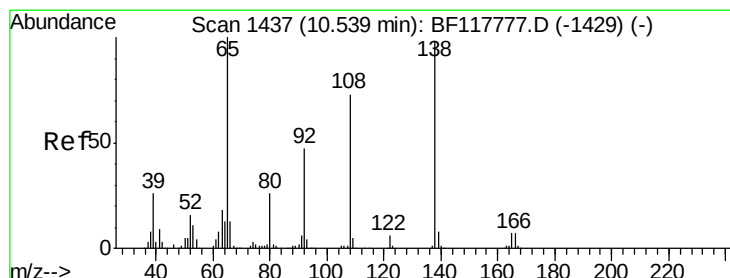
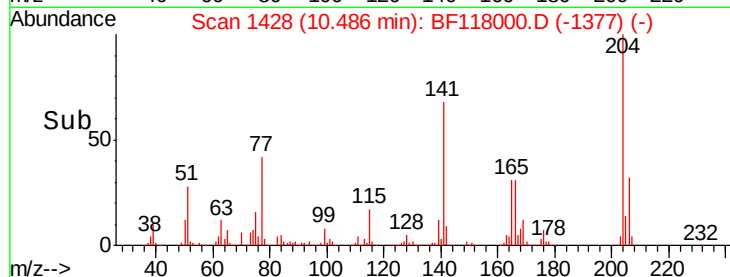
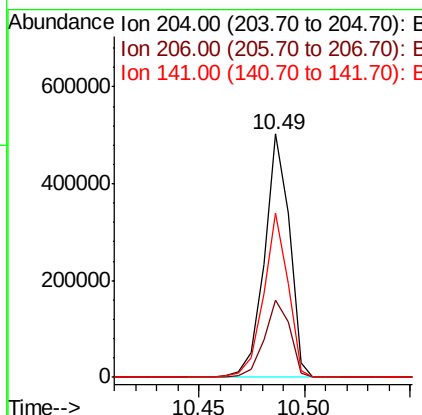
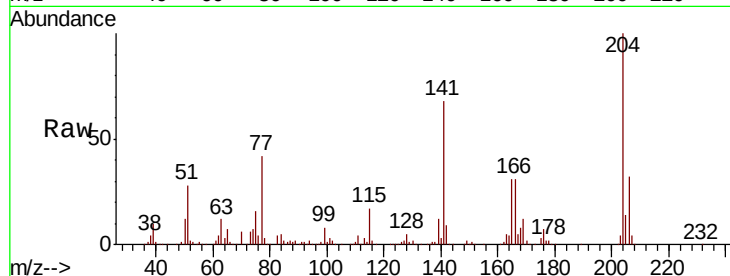




#61
4-Chlorophenyl-phenylether
Concen: 31.352 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

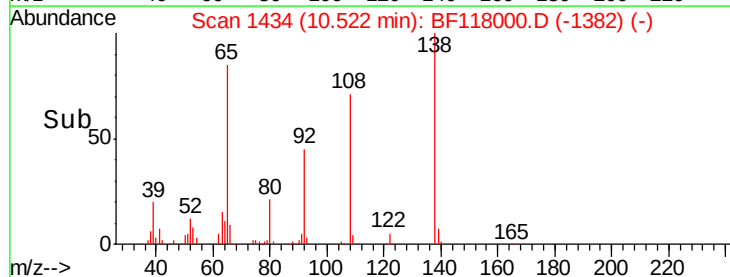
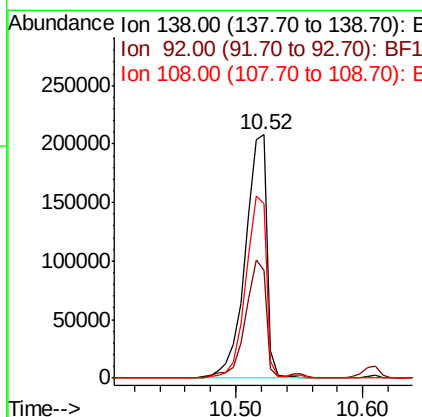
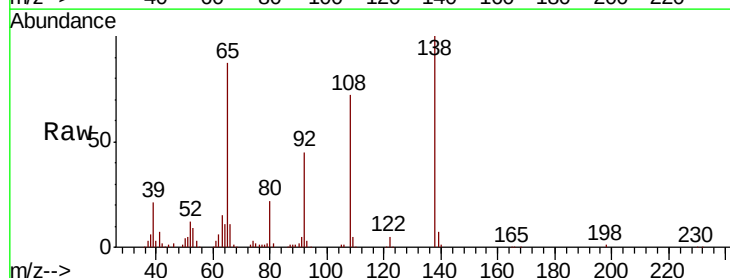
Instrument :
BNA_F
ClientSampleId :

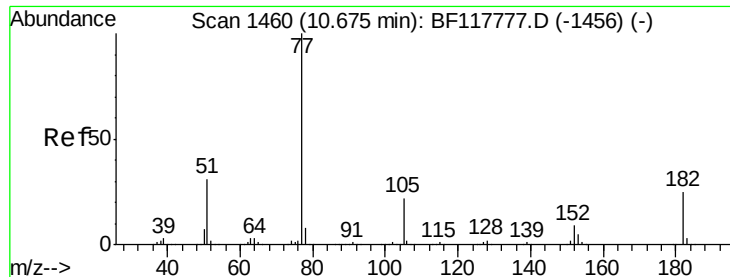
Tot Ion:204 Resp: 414310
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 67.7 50.7 76.1



#62
4-Nitroaniline
Concen: 31.520 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:138 Resp: 246377
Ion Ratio Lower Upper
138 100
92 44.6 28.3 68.3
108 71.5 54.3 94.3





#63

Azobenzene

Concen: 35.019 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 927225

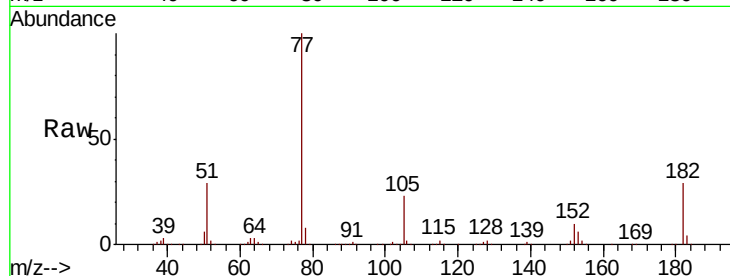
Ion Ratio Lower Upper

77 100

182 29.0 4.8 44.8

105 22.9 2.1 42.1

51 28.9 11.4 51.4

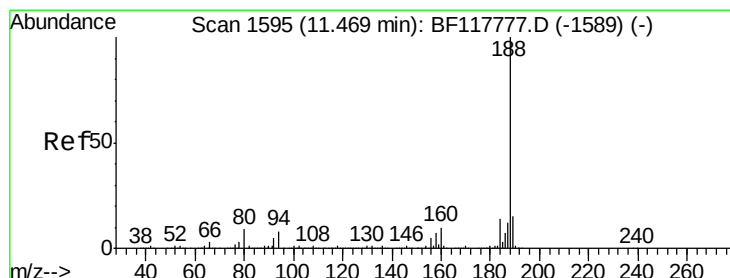
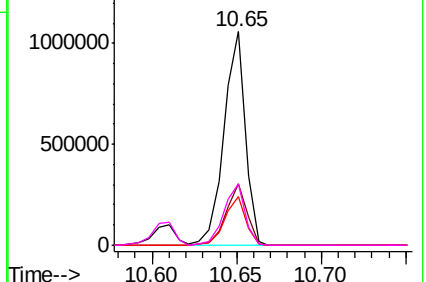
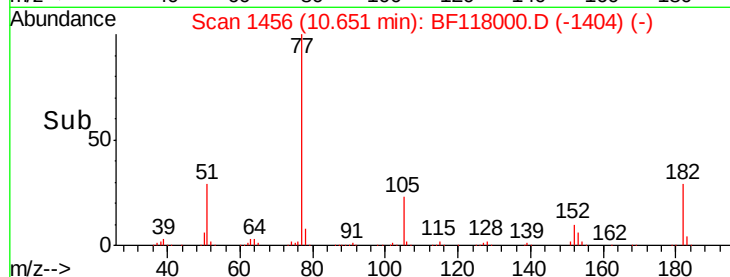


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

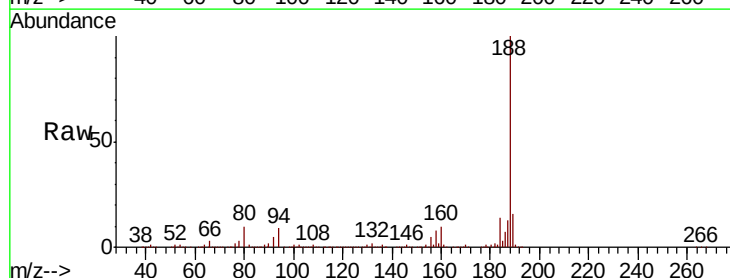
Tgt Ion: 188 Resp: 757205

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

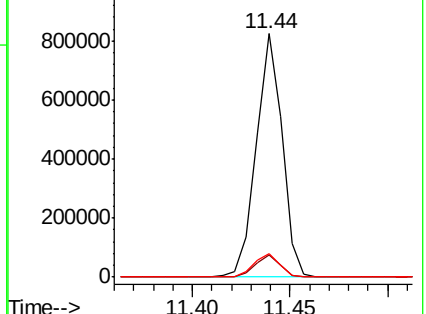
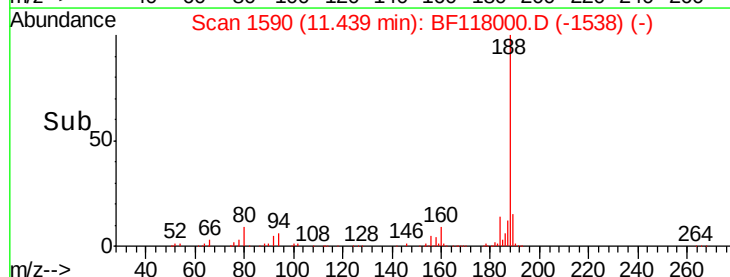
80 9.5 7.2 10.8

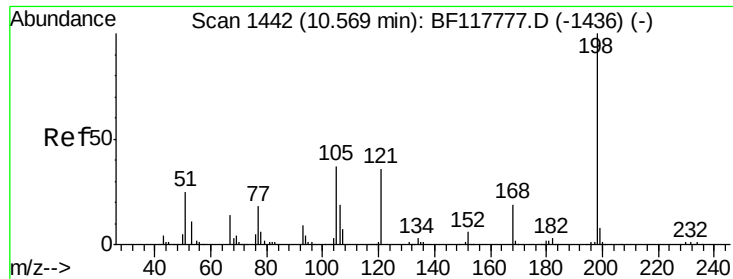


Abundance Ion 188.00 (187.70 to 188.70): E

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: 46.686 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

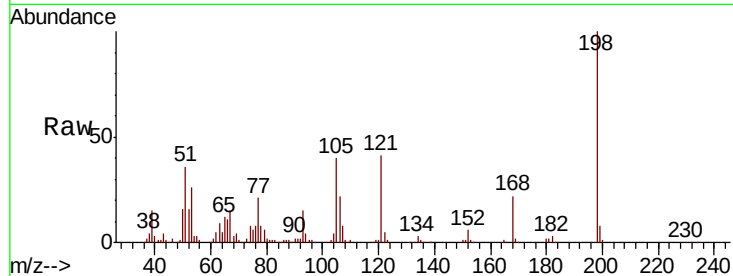
Tot Ion:198 Resp: 165030

Ion Ratio Lower Upper

198 100

51 36.3 16.0 56.0

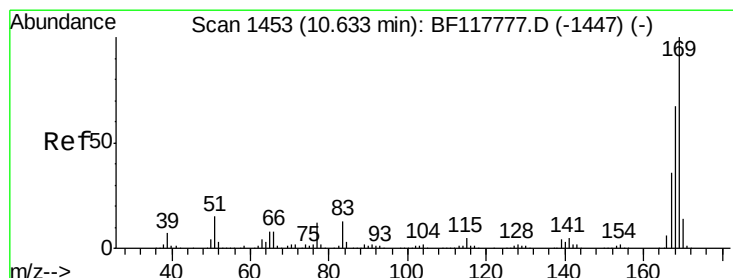
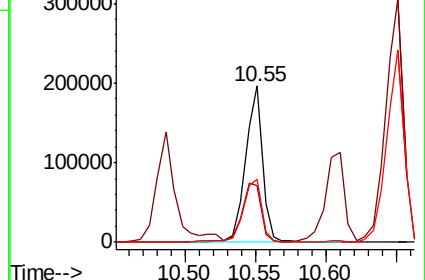
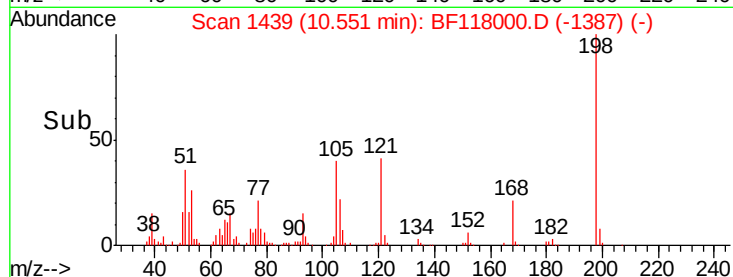
105 40.3 19.1 59.1



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: 38.218 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

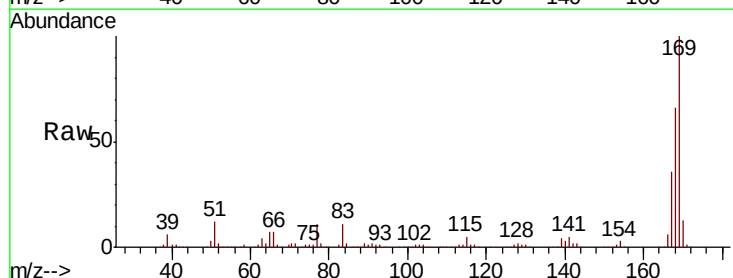
Tgt Ion:169 Resp: 842214

Ion Ratio Lower Upper

169 100

168 66.2 53.5 80.3

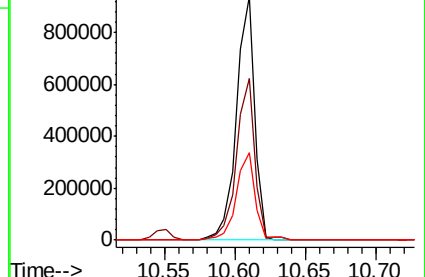
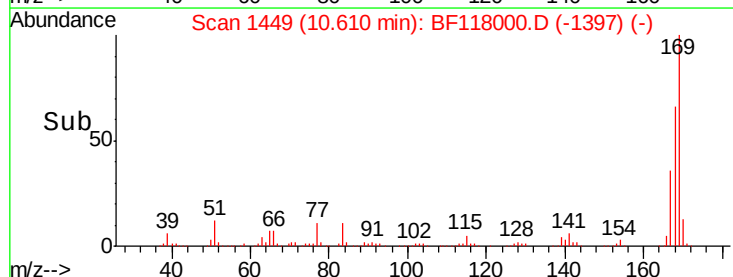
167 36.0 29.0 43.4

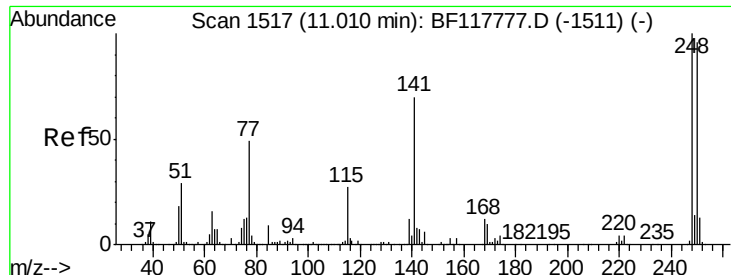


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

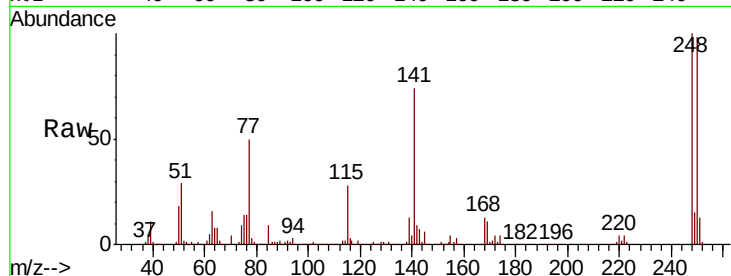




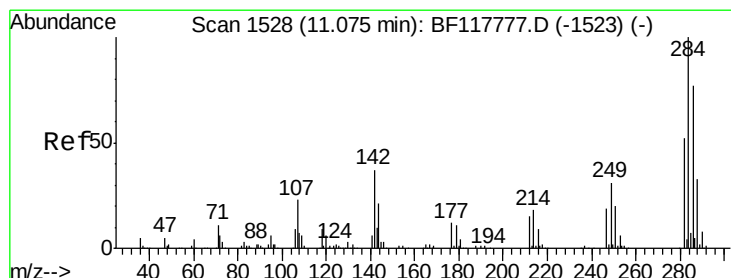
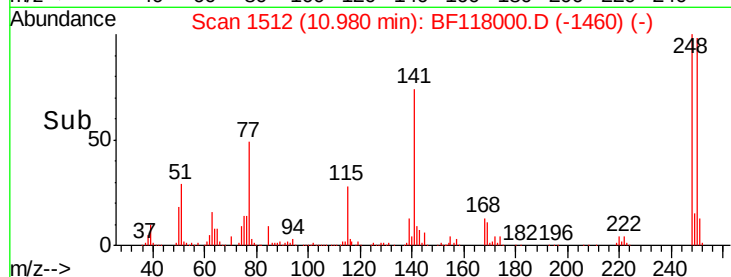
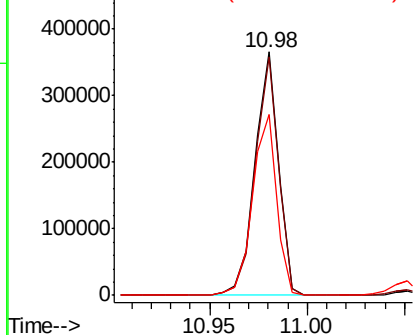
#67
4-Bromophenyl-phenylether
Concen: 37.410 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 305646
Ion Ratio Lower Upper
248 100
250 97.9 76.6 115.0
141 74.3 55.9 83.9

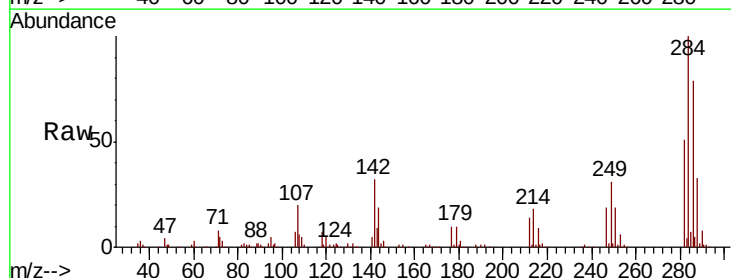


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

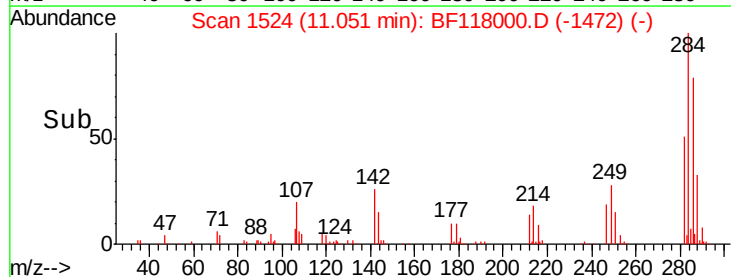
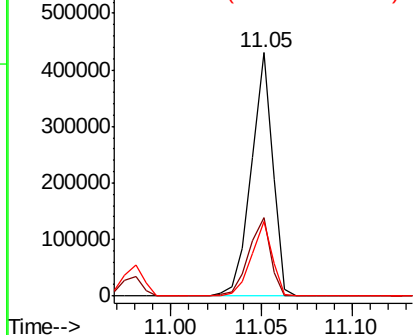


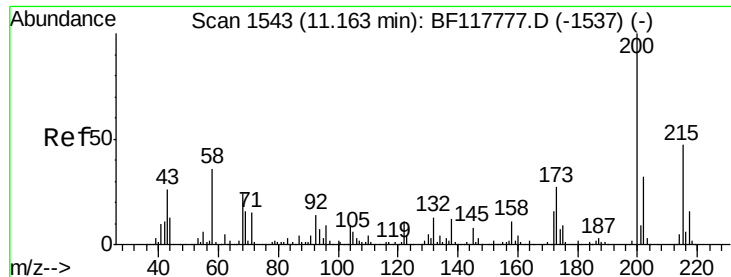
#68
Hexachlorobenzene
Concen: 37.261 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:284 Resp: 354974
Ion Ratio Lower Upper
284 100
142 32.5 29.4 44.2
249 30.9 24.6 37.0



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

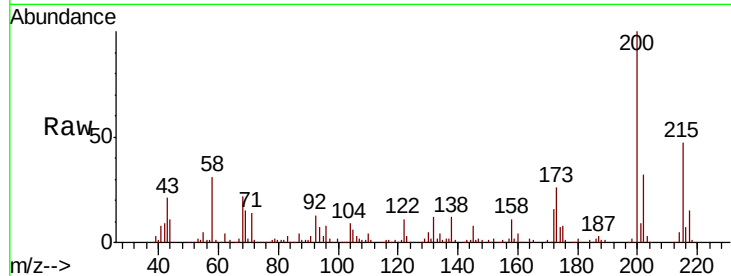




#69
 Atrazine
 Concen: 40.316 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.7	46.7
215	46.9	27.5	67.5

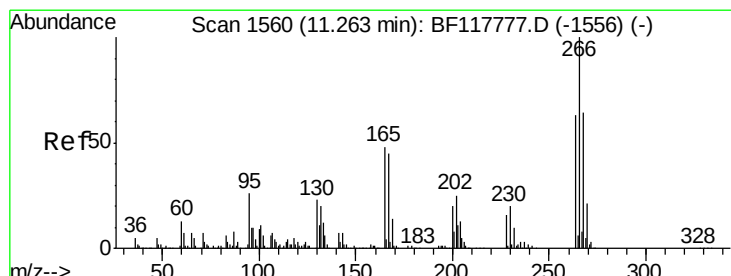
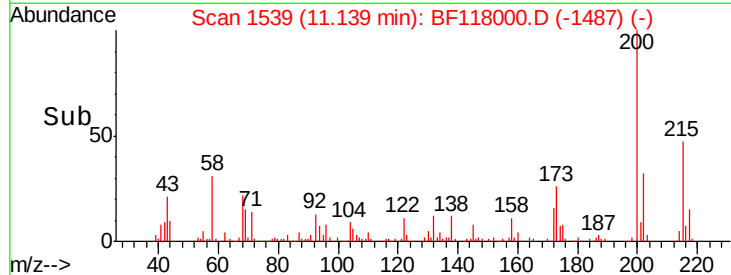
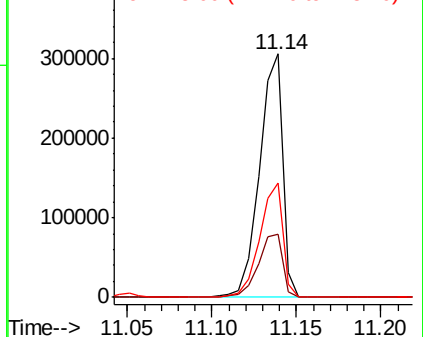


Abundance

Ion 200.00 (199.70 to 200.70): E

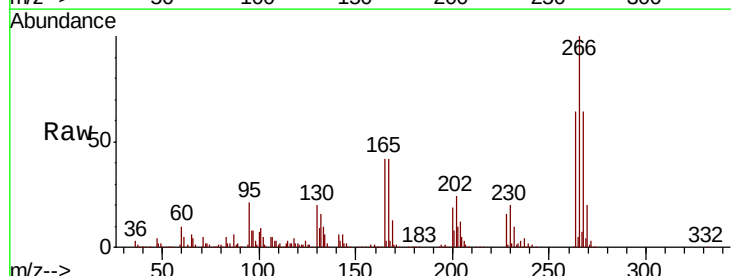
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 66.430 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.8	76.2
264	64.1	50.7	76.1

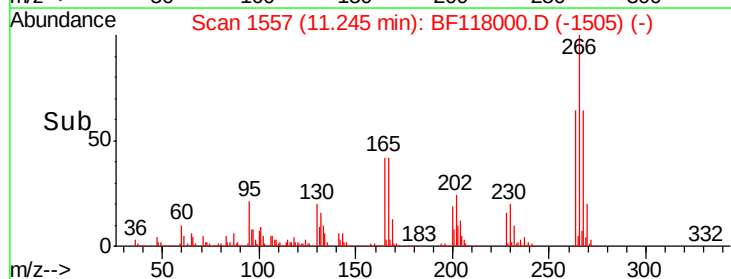
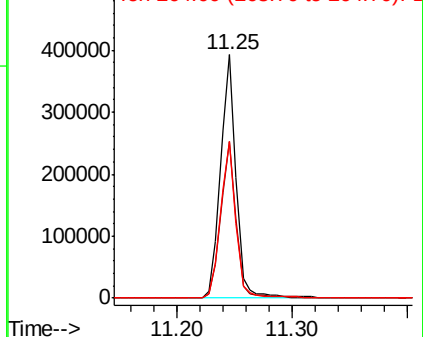


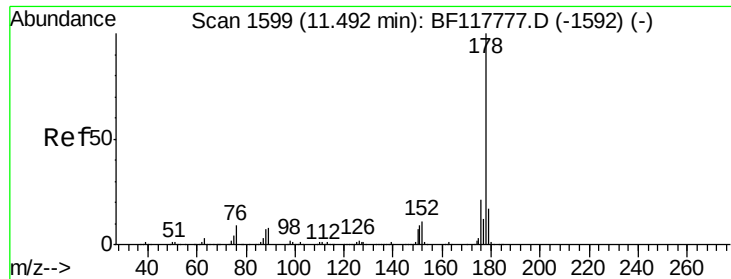
Abundance

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: 35.026 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

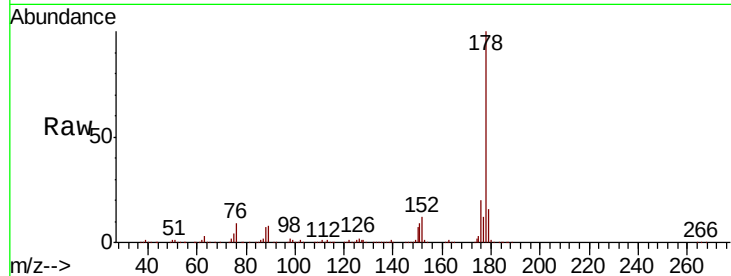
Tot Ion:178 Resp: 1333430

Ion Ratio Lower Upper

178 100

176 20.2 16.6 25.0

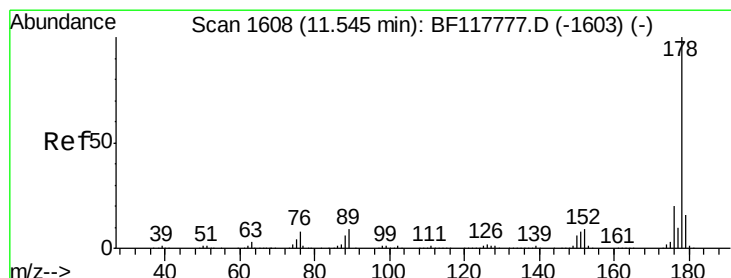
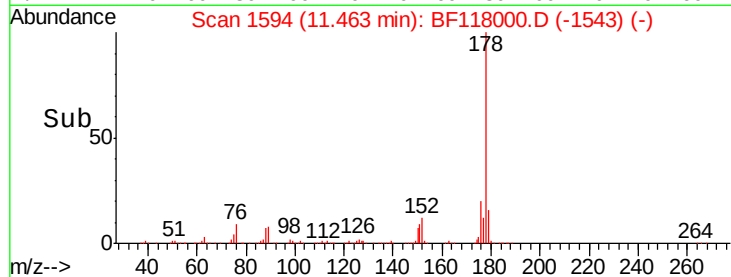
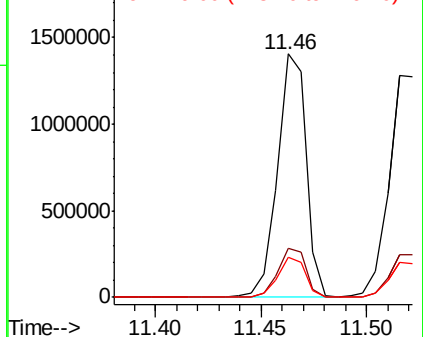
179 16.2 13.2 19.8



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: 33.092 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

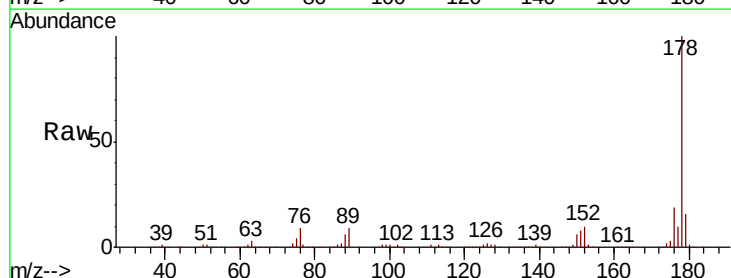
Tgt Ion:178 Resp: 1249077

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

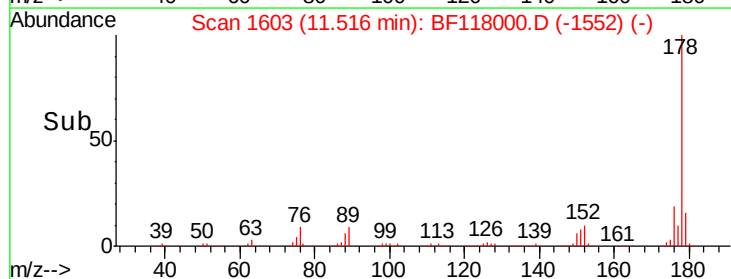
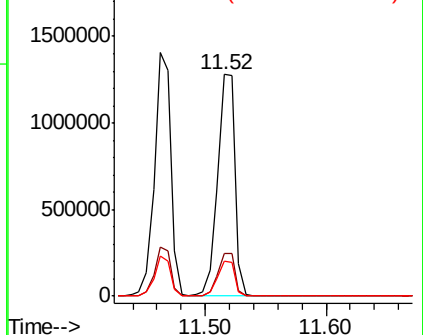
179 16.0 13.0 19.4

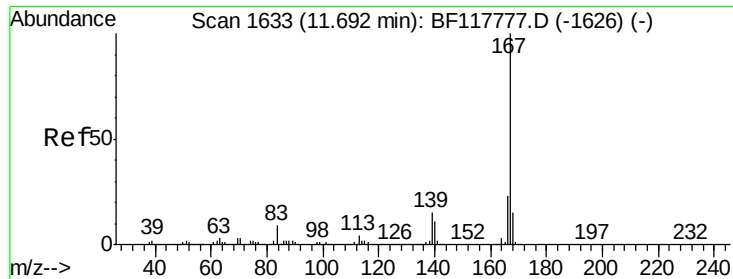


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



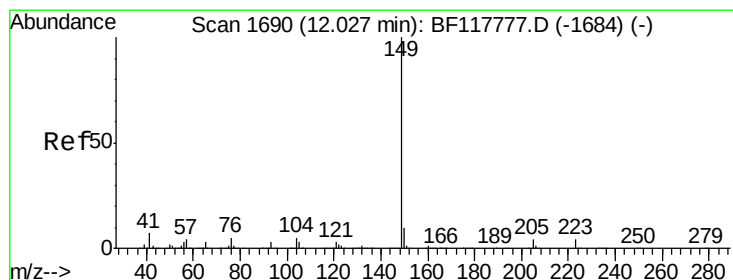
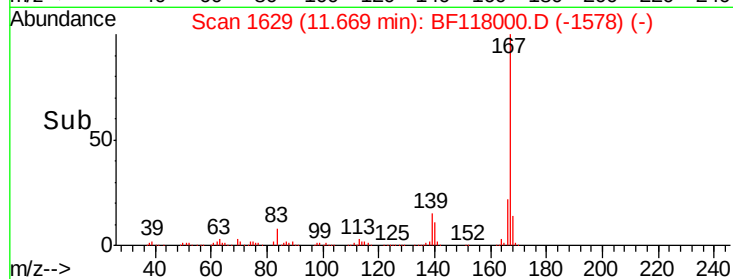
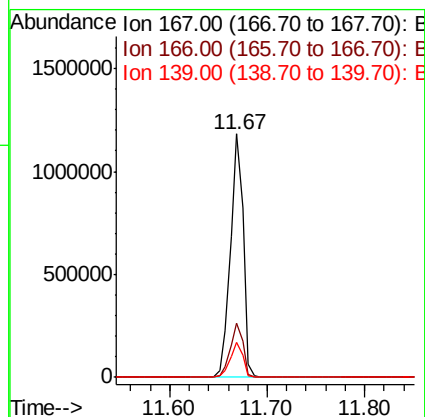
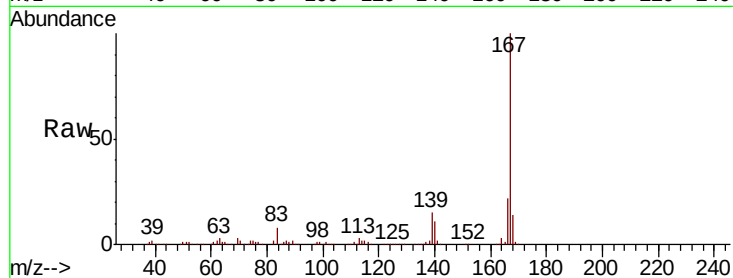


#73
 Carbazole
 Concen: 32.646 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1076795

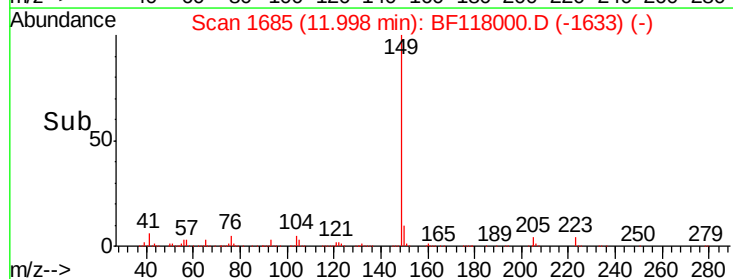
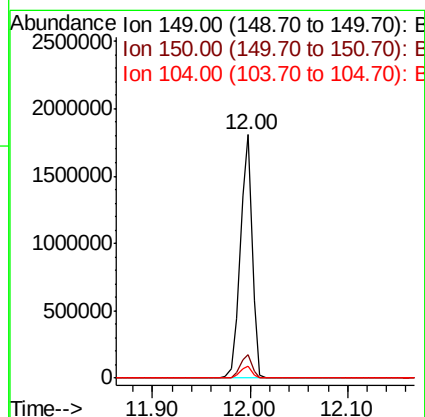
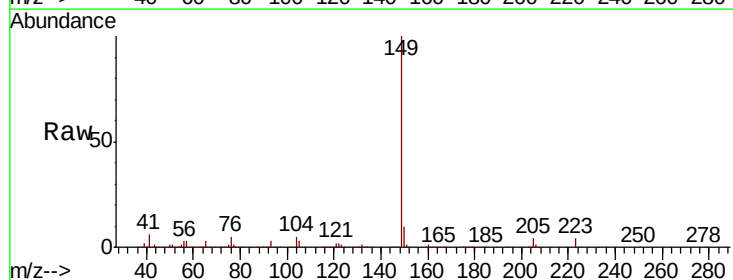
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.0	27.0
139	14.6	11.7	17.5

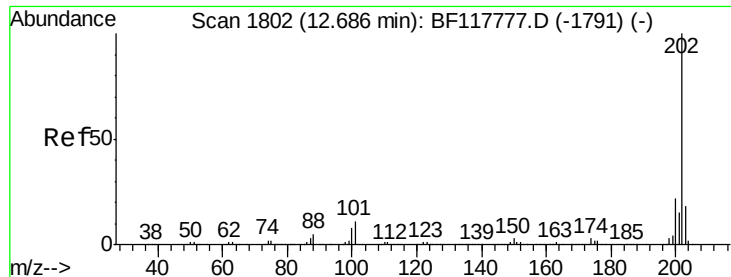


#74
 Di-n-butylphthalate
 Concen: 36.929 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion:149 Resp: 1516607

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	4.9	4.2	6.4

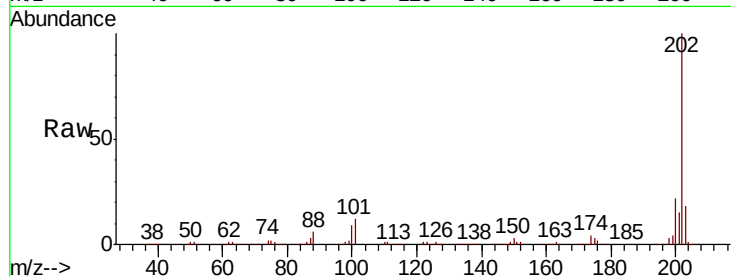




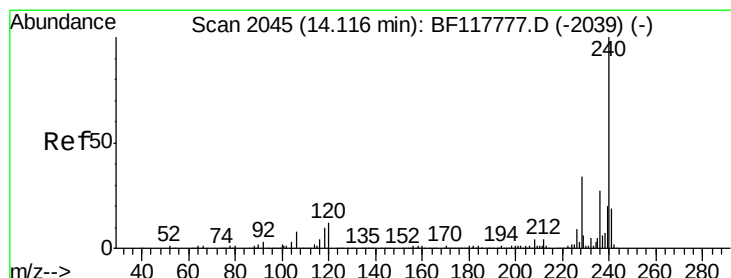
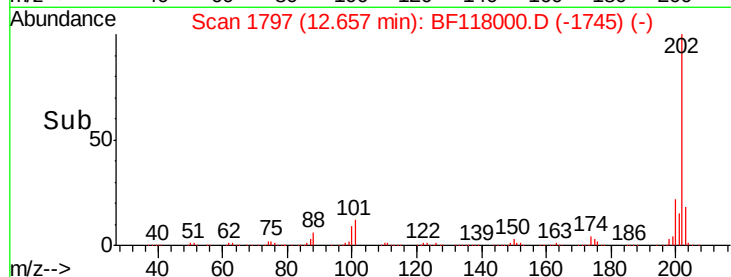
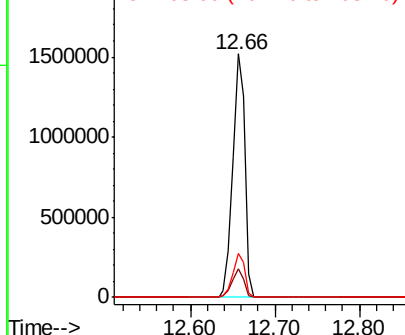
#75
 Fluoranthene
 Concen: 41.841 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1468845
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.1
 203 18.3 0.0 38.2

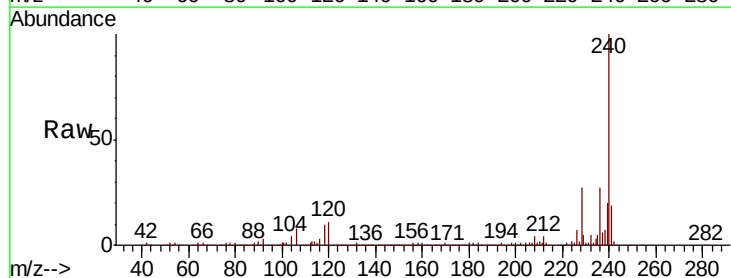


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

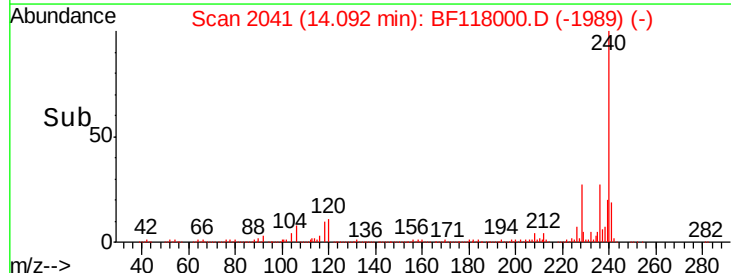
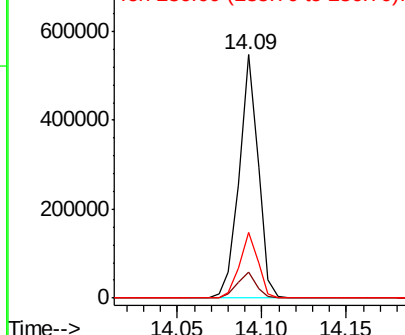


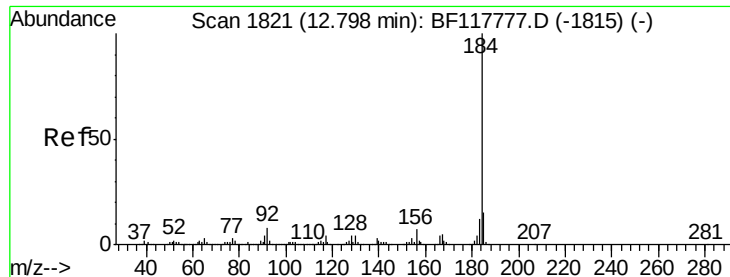
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion:240 Resp: 428876
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.5 14.3
 236 26.8 21.3 31.9



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: 42.467 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

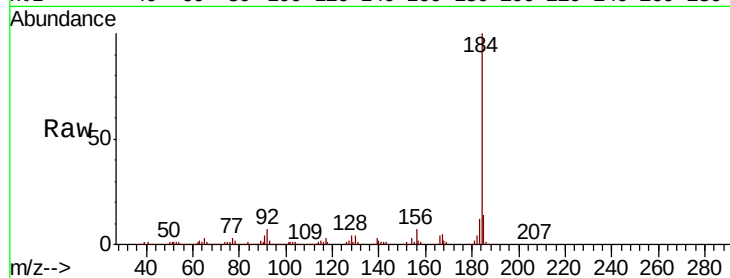
Tot Ion:184 Resp: 596580

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.4
183	12.1	9.5	14.3

184 100

185 14.5 12.2 18.4

183 12.1 9.5 14.3

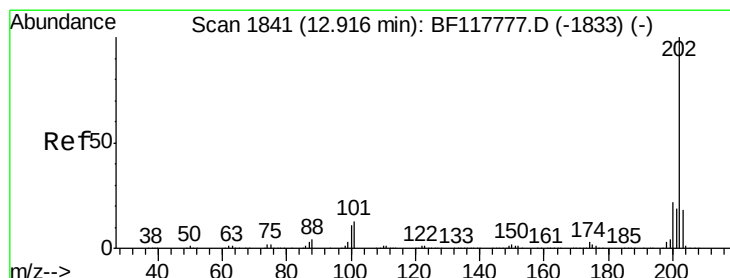
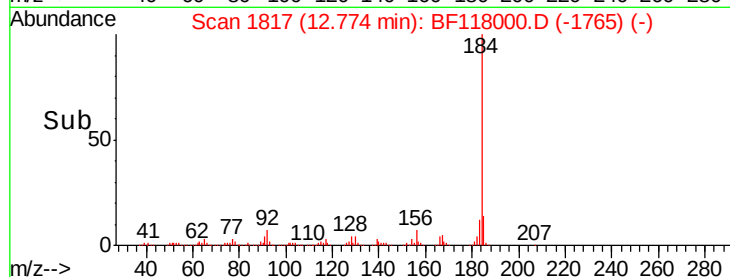
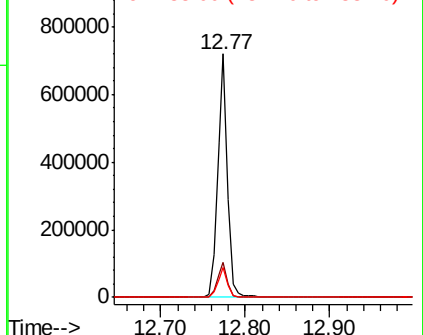


Abundance

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: 41.252 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

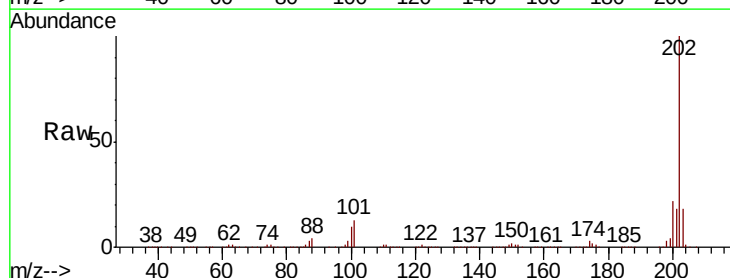
Tgt Ion:202 Resp: 1429775

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.8
203	18.1	14.6	22.0

202 100

200 22.0 17.8 26.8

203 18.1 14.6 22.0

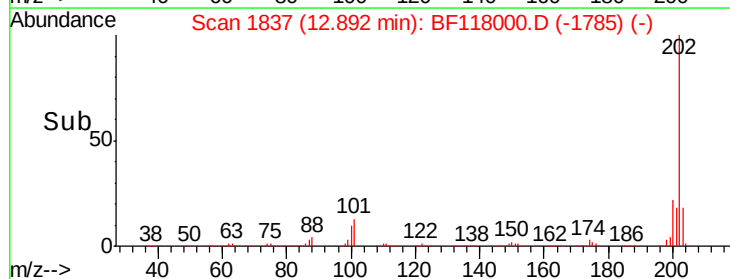
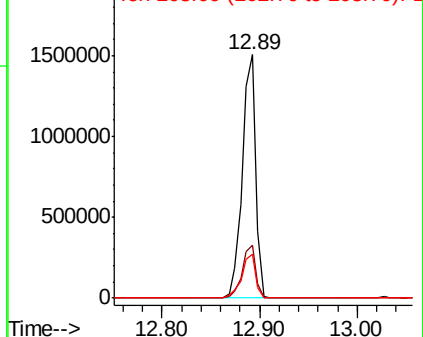


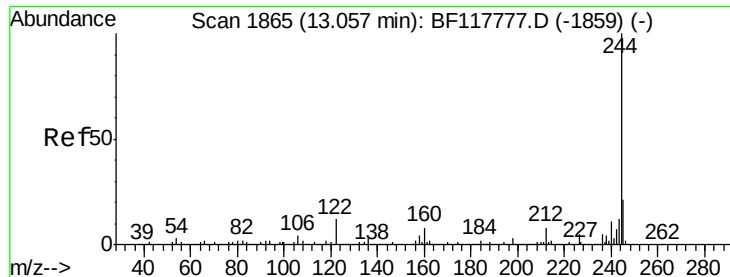
Abundance

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

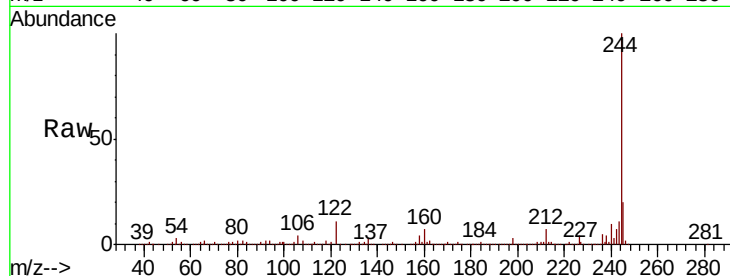




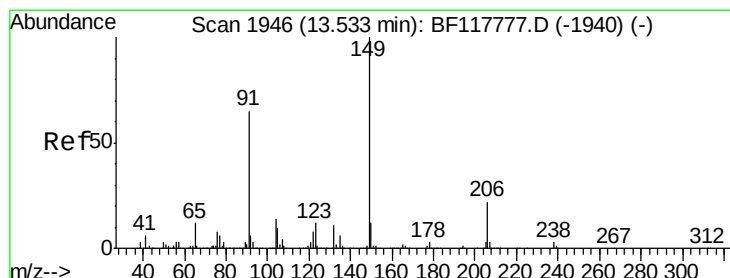
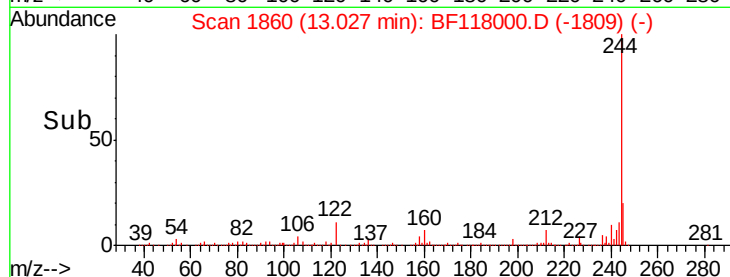
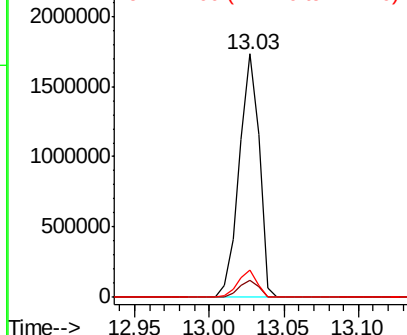
#79
 Terphenyl-d14
 Concen: 69.017 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1619586
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.2 9.4 14.2

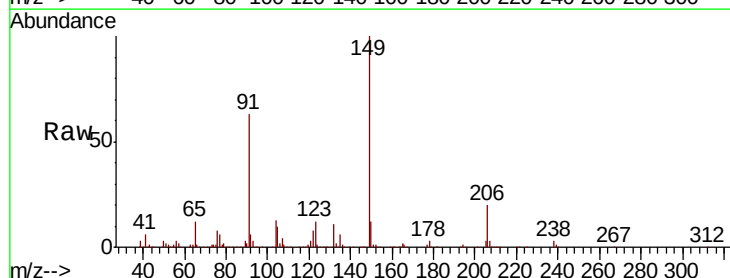


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

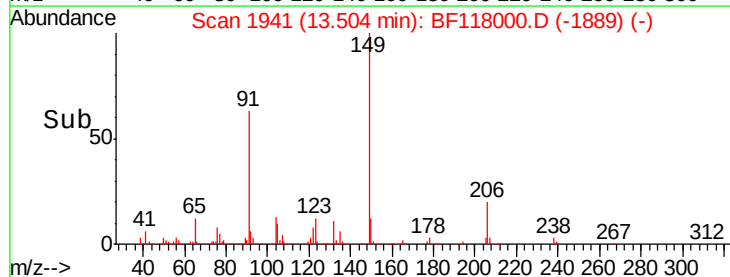
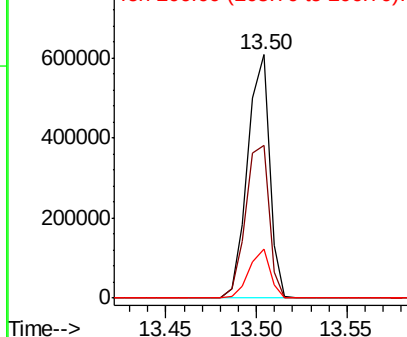


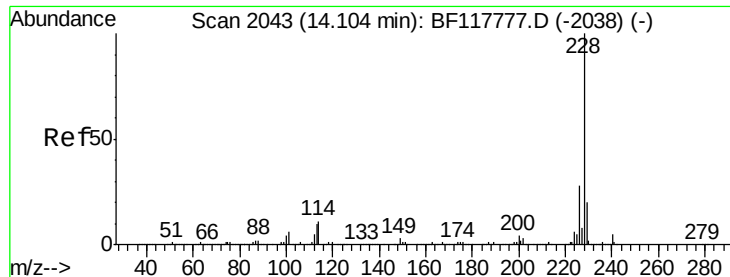
#80
 Butylbenzylphthalate
 Concen: 34.597 ng
 RT: 13.50 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF118000.D
 Acq: 26 Nov 2019 11:21

Tgt Ion:149 Resp: 515028
 Ion Ratio Lower Upper
 149 100
 91 62.9 51.9 77.9
 206 20.2 17.2 25.8



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: 36.308 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

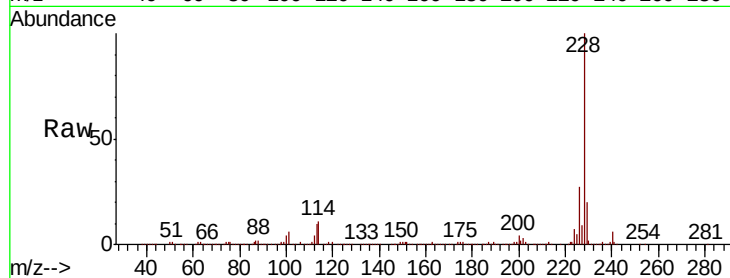
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1028990

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	20.3	15.9	23.9

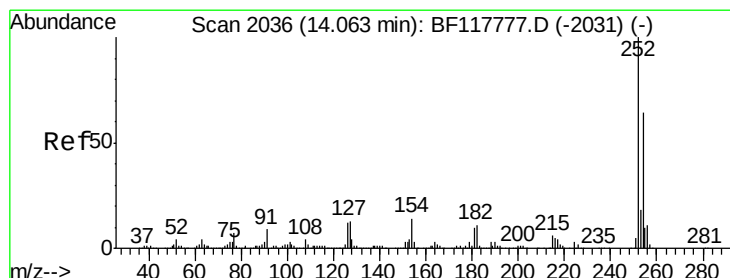
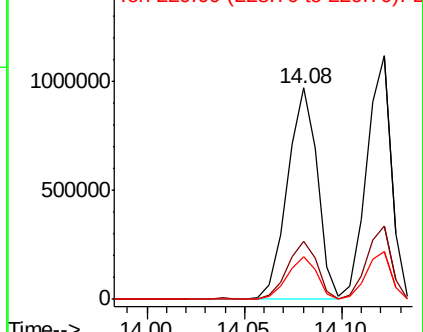
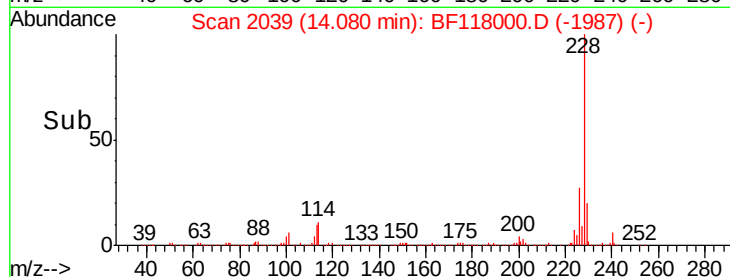


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.511 ng

RT: 14.04 min Scan# 2032

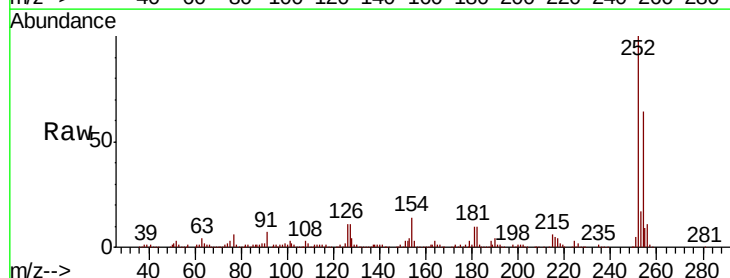
Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Tgt Ion:252 Resp: 282645

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	10.9	9.7	14.5

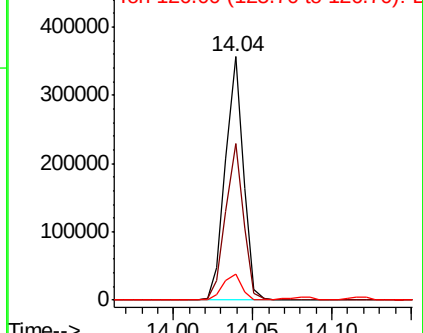
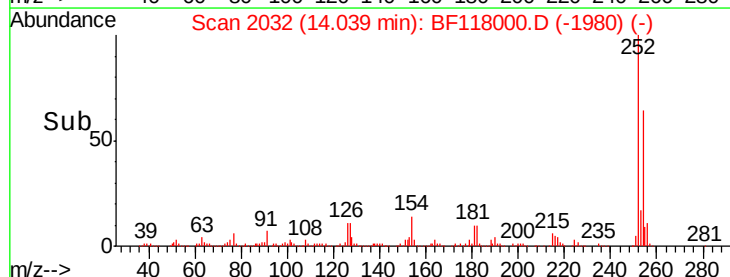


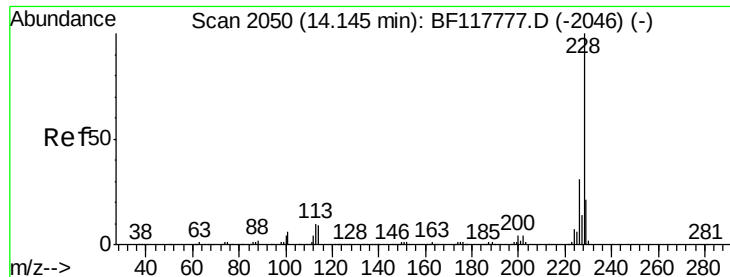
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.622 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampled :

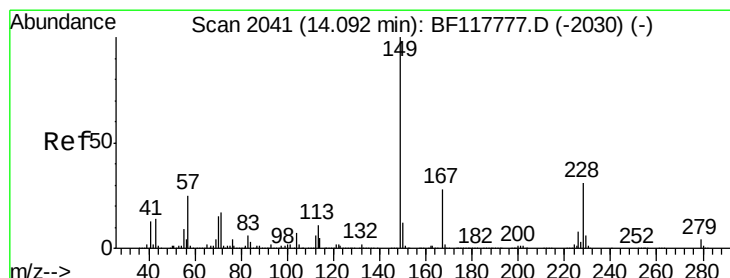
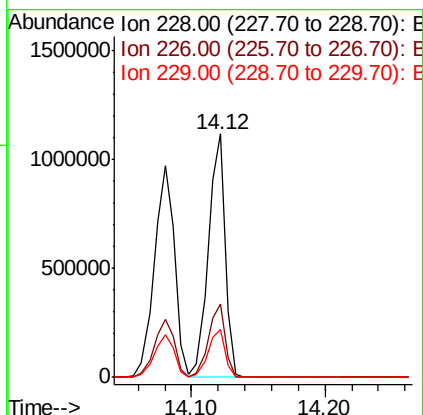
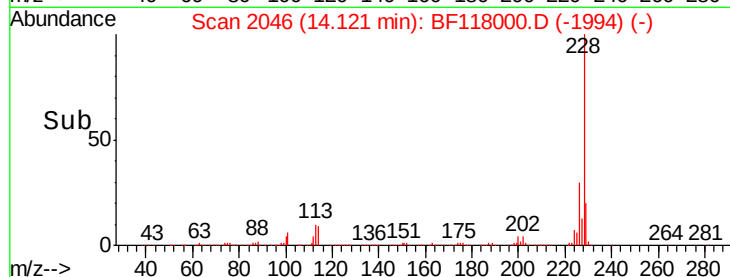
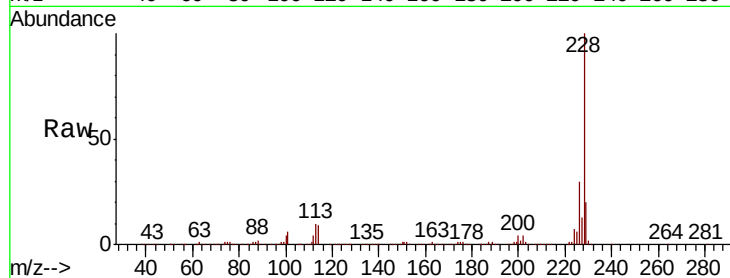
Tot Ion:228 Resp: 978254

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

229 19.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.456 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

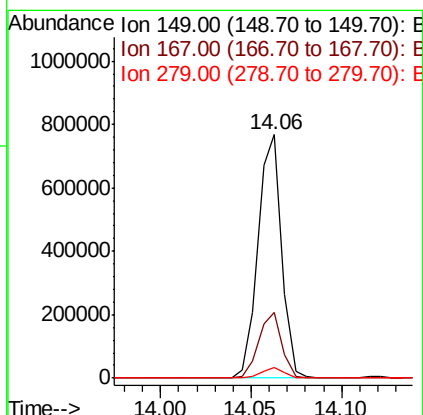
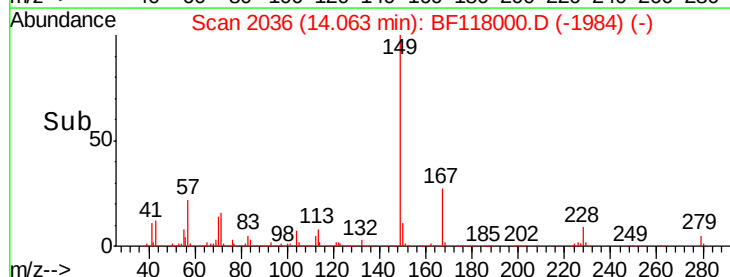
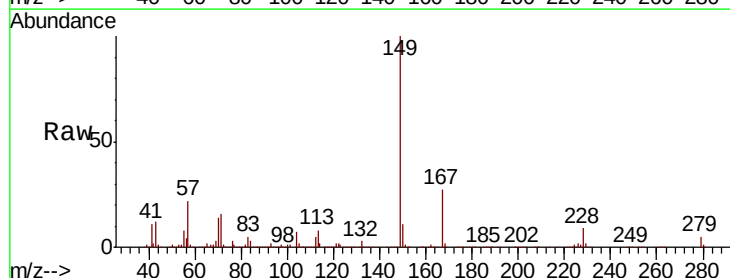
Tgt Ion:149 Resp: 694048

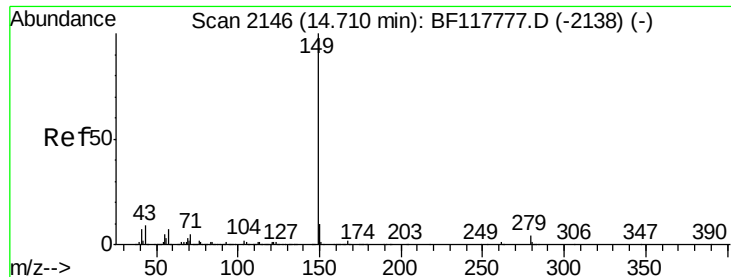
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

279 4.6 3.4 5.2

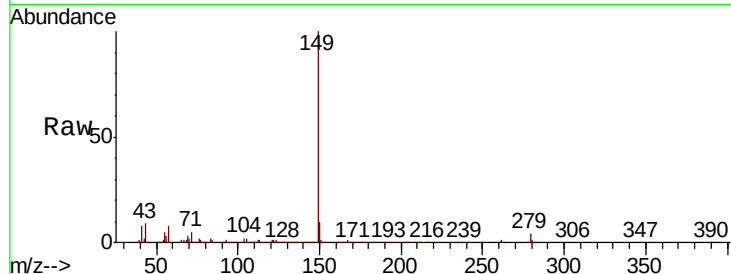




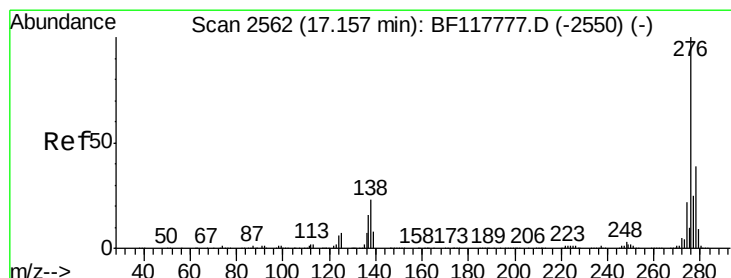
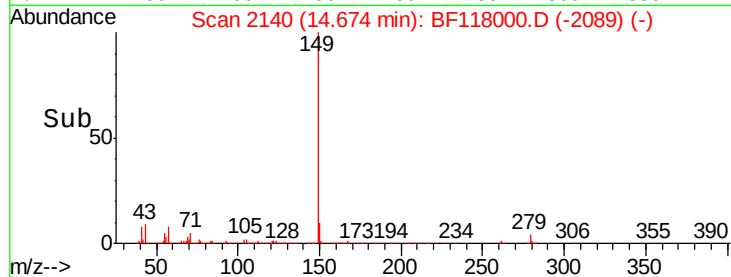
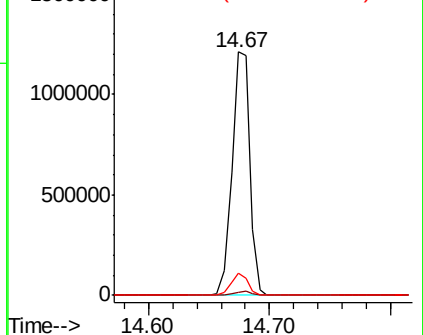
#85
Di-n-octyl phthalate
Concen: 46.846 ng
RT: 14.67 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1242053
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 7.4 11.2

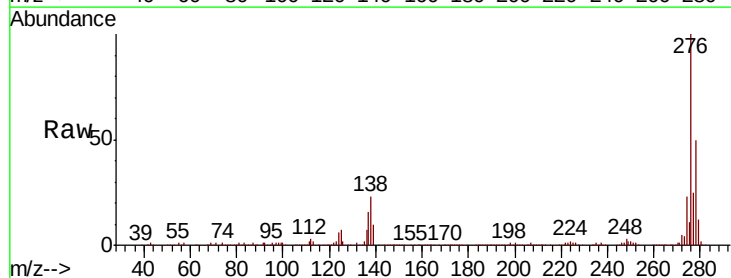


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

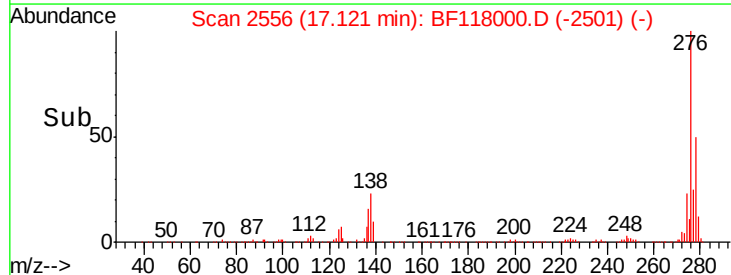
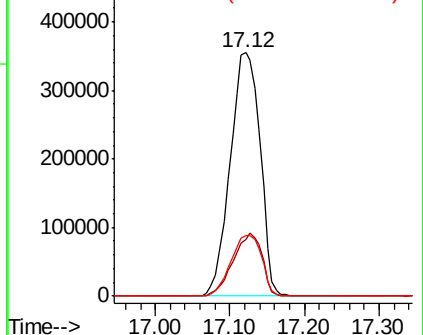


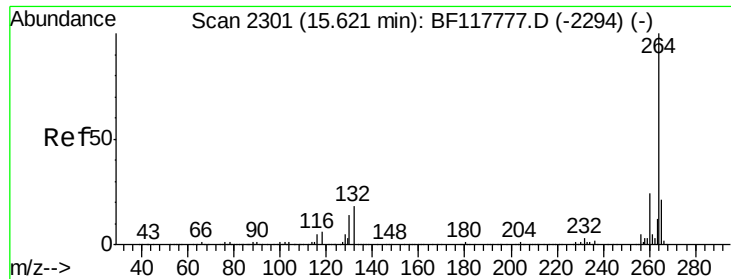
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.234 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:276 Resp: 987141
Ion Ratio Lower Upper
276 100
138 25.0 20.9 31.3
277 25.8 20.3 30.5



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: 15.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

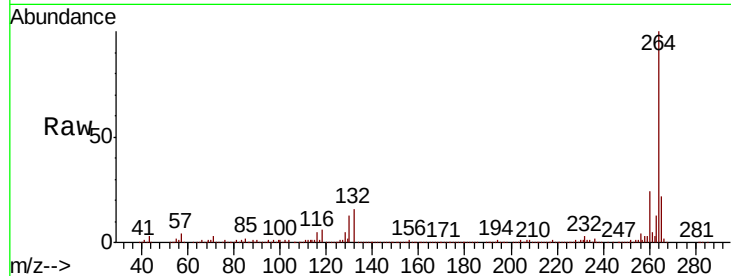
Tot Ion:264 Resp: 443051

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

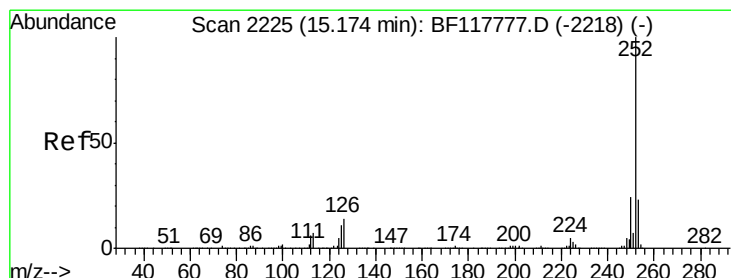
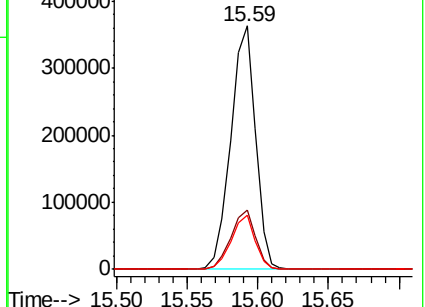
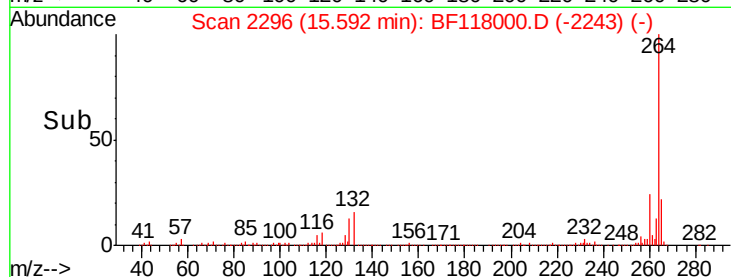
265 22.2 17.1 25.7



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: 35.724 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

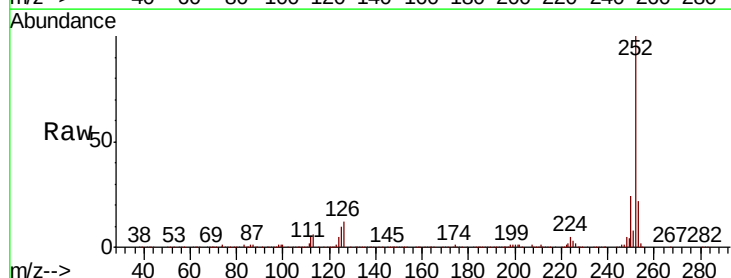
Tgt Ion:252 Resp: 1028321

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

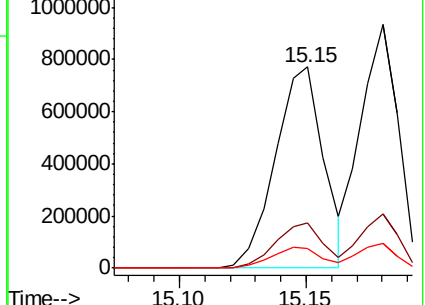
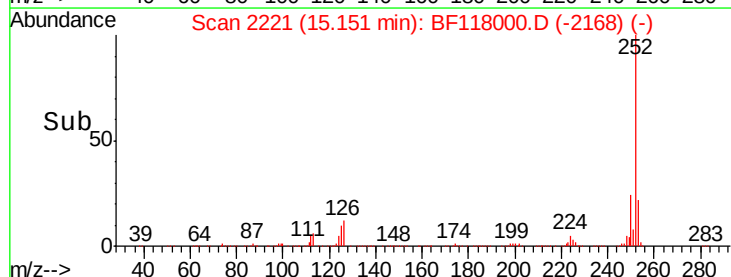
125 9.7 8.6 13.0

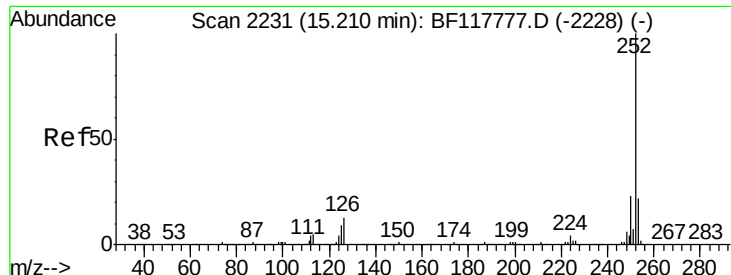


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

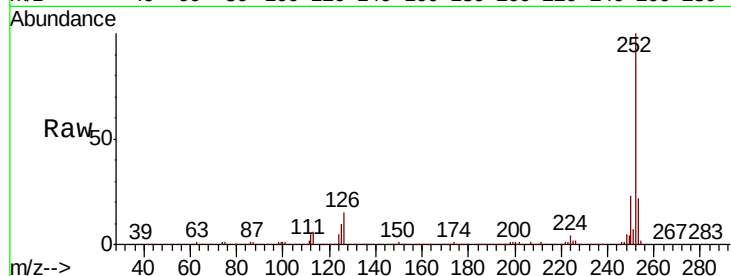




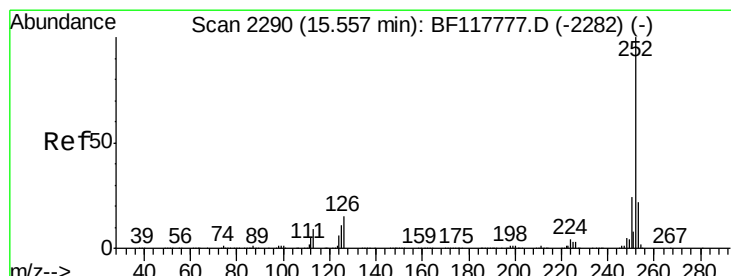
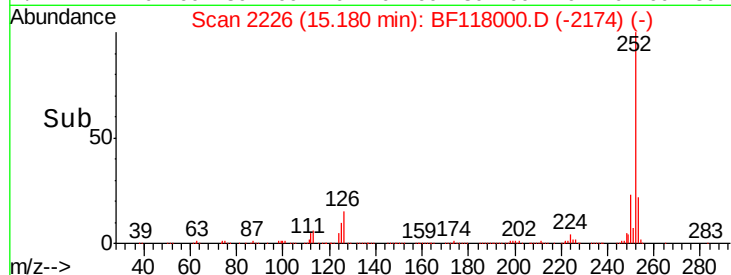
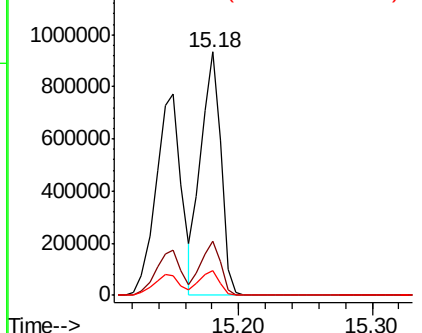
#89
Benzo(k)fluoranthene
Concen: 35.640 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 966638
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.4 7.9 11.9

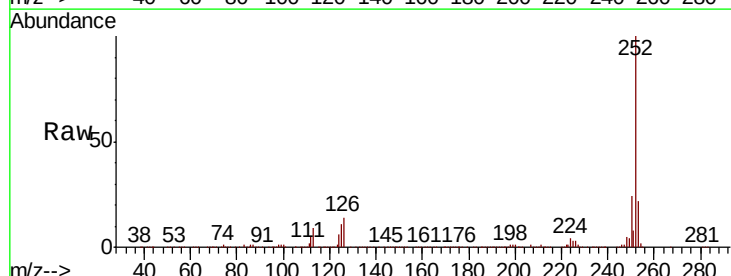


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

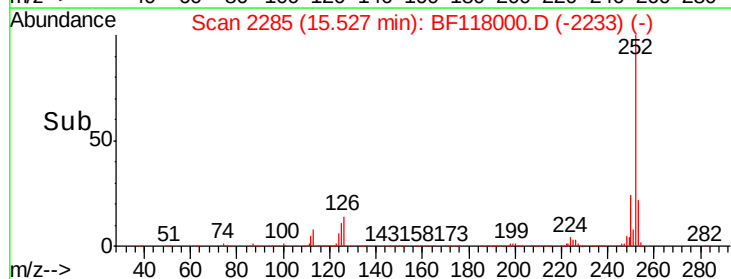
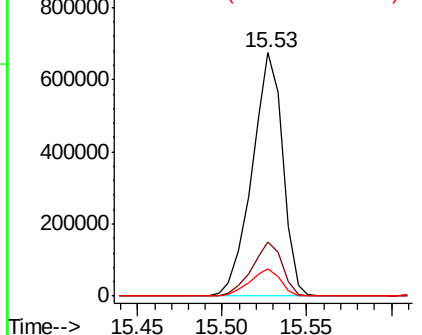


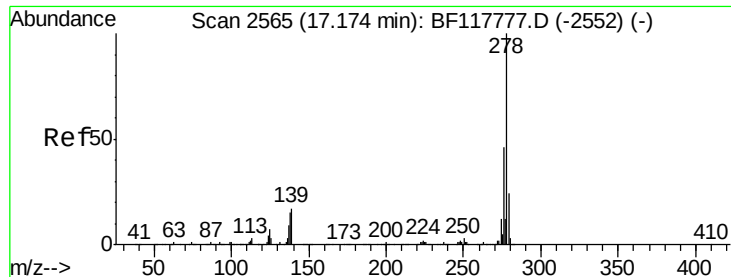
#90
Benzo(a)pyrene
Concen: 33.717 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF118000.D
Acq: 26 Nov 2019 11:21

Tgt Ion:252 Resp: 853449
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.4 9.2 13.8



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: 37.957 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.02 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

Instrument :

BNA_F

ClientSampleId :

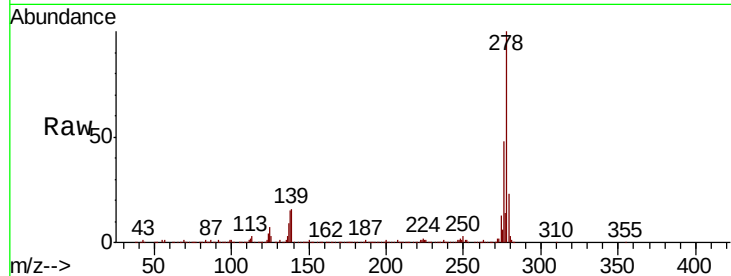
Tot Ion:278 Resp: 826953

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.8

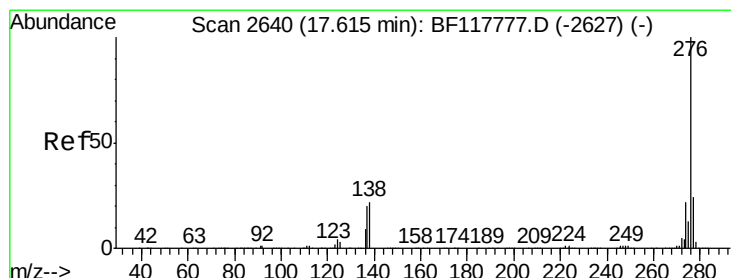
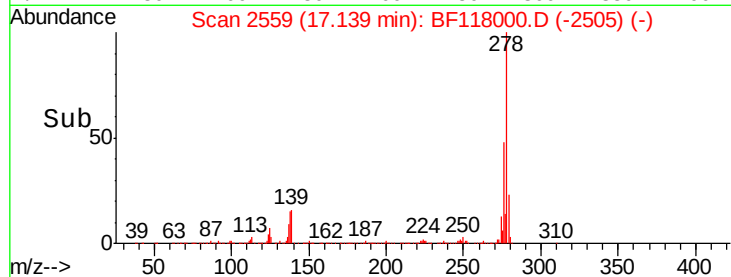
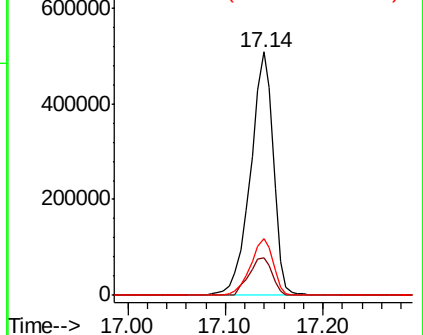
279 23.2 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.438 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.03 min

Lab File: BF118000.D

Acq: 26 Nov 2019 11:21

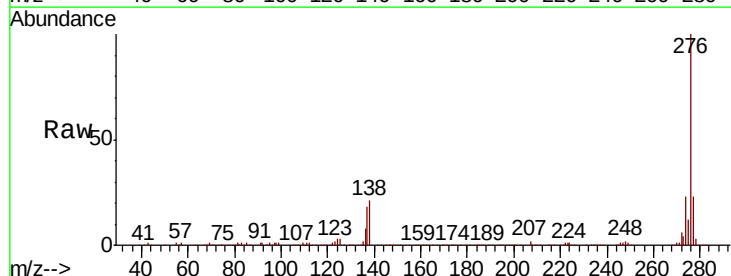
Tgt Ion:276 Resp: 660498

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 20.6 17.4 26.2



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

