

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118220.D
 Acq On : 17 Dec 2019 2:18
 Operator : JU
 Sample : K6284-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 04:41:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	89955	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	355038	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	185102	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	354700	20.00	ng	0.00
76) Chrysene-d12	14.06	240	240376	20.00	ng	-0.01
87) Perylene-d12	15.55	264	279104	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	479146	93.29	ng	0.00
7) Phenol-d6	6.50	99	612993	98.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	359188	56.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	213637	95.01	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	761999	62.64	ng	-0.01
79) Terphenyl-d14	12.99	244	879598	62.93	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	72169	33.325	ng	98
3) Pyridine	3.37	79	175925	31.487	ng	100
4) n-Nitrosodimethylamine	3.31	42	89285	37.147	ng	98
6) Aniline	6.52	93	102064	12.844	ng	# 91
8) 2-Chlorophenol	6.65	128	234068	40.418	ng	98
9) Benzaldehyde	6.41	77	77010	19.666	ng	97
10) Phenol	6.51	94	283880	40.071	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	198993	38.837	ng	96
12) 1,3-Dichlorobenzene	6.80	146	253345	37.448	ng	95
13) 1,4-Dichlorobenzene	6.88	146	262504	38.534	ng	96
14) 1,2-Dichlorobenzene	7.03	146	243028	37.988	ng	97
15) Benzyl Alcohol	7.00	79	192380	39.673	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	225184	36.552	ng	97
17) 2-Methylphenol	7.12	107	181832	39.476	ng	97
18) Hexachloroethane	7.37	117	91742	36.548	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	144684	38.329	ng	98
20) 3+4-Methylphenols	7.27	107	235030	40.623	ng	92
22) Acetophenone	7.27	105	316769	37.137	ng	# 95
24) Nitrobenzene	7.45	77	229581	37.027	ng	100
25) Isophorone	7.69	82	400648	37.450	ng	99
26) 2-Nitrophenol	7.76	139	126927	38.300	ng	90
27) 2,4-Dimethylphenol	7.80	122	193959	43.877	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	252375	36.102	ng	98
29) 2,4-Dichlorophenol	8.01	162	196327	38.097	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	215907	35.850	ng	97
31) Naphthalene	8.17	128	686021	38.474	ng	99
32) Benzoic acid	7.92	122	132697	33.246	ng	97
33) 4-Chloroaniline	8.22	127	43147	5.604	ng	95
34) Hexachlorobutadiene	8.29	225	126655	35.071	ng	98
35) Caprolactam	8.59	113	40081	25.220	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	208295	38.408	ng	97
37) 2-Methylnaphthalene	8.87	142	471183	39.033	ng	97
38) 1-Methylnaphthalene	8.97	142	429193	37.866	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	206940	36.905	ng	100

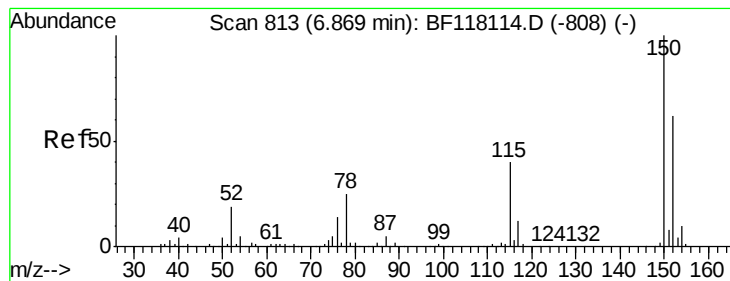
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118220.D
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Quant Time: Dec 17 04:41:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	123921	49.324	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	141875	37.894	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	151866	39.152	ng	96
46) 1,1'-Biphenyl	9.33	154	564997	38.702	ng	99
47) 2-Chloronaphthalene	9.36	162	438296	37.323	ng	99
48) 2-Nitroaniline	9.46	65	119789	35.770	ng	90
49) Acenaphthylene	9.77	152	709901	40.986	ng	99
50) Dimethylphthalate	9.63	163	540932	39.564	ng	99
51) 2,6-Dinitrotoluene	9.70	165	117945	39.672	ng	# 88
52) Acenaphthene	9.95	154	403508	38.168	ng	99
53) 3-Nitroaniline	9.86	138	49985	14.287	ng	97
54) 2,4-Dinitrophenol	9.98	184	61366	41.489	ng	91
55) Dibenzofuran	10.12	168	620108	40.031	ng	97
56) 4-Nitrophenol	10.04	139	176910	72.860	ng	89
57) 2,4-Dinitrotoluene	10.10	165	155887	39.285	ng	97
58) Fluorene	10.46	166	493136	40.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	122493	38.277	ng	98
60) Diethylphthalate	10.33	149	519245	38.546	ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	237773	38.387	ng	92
62) 4-Nitroaniline	10.48	138	115740	31.718	ng	98
63) Azobenzene	10.62	77	451737	39.283	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	53594	27.360	ng	94
66) n-Nitrosodiphenylamine	10.57	169	432130	39.013	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	148412	36.654	ng	# 93
68) Hexachlorobenzene	11.02	284	174669	36.651	ng	96
69) Atrazine	11.10	200	130095	43.547	ng	96
70) Pentachlorophenol	11.22	266	161093	71.878	ng	98
71) Phenanthrene	11.43	178	776378	41.175	ng	99
72) Anthracene	11.49	178	757648	40.280	ng	99
73) Carbazole	11.64	167	663099	39.291	ng	99
74) Di-n-butylphthalate	11.96	149	821687	38.904	ng	100
75) Fluoranthene	12.63	202	818918	42.480	ng	99
77) Benzidine	12.75	184	214068	33.829	ng	98
78) Pyrene	12.86	202	829787	43.805	ng	98
80) Butylbenzylphthalate	13.47	149	331441	38.635	ng	98
81) Benzo(a)anthracene	14.05	228	674797	40.598	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	152891	28.008	ng	97
83) Chrysene	14.09	228	655264	41.271	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	453407	40.082	ng	100
85) Di-n-octyl phthalate	14.64	149	712889	41.602	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	701827	52.536	ng	99
88) Benzo(b)fluoranthene	15.11	252	704674	38.175	ng	99
89) Benzo(k)fluoranthene	15.14	252	608545	34.317	ng	# 98
90) Benzo(a)pyrene	15.49	252	652134	40.001	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	576580	41.234	ng	98
92) Benzo(g,h,i)perylene	17.52	276	545961	40.632	ng	97

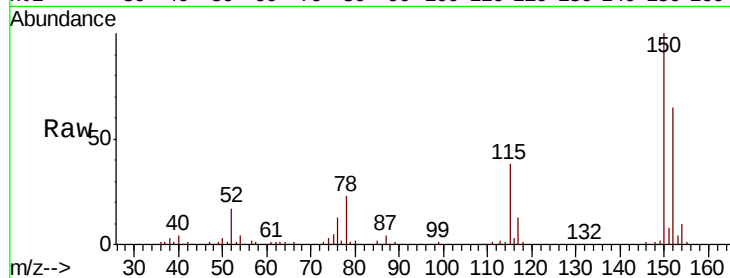
(#) = qualifier out of range (m) = manual integration (+) = signals summed



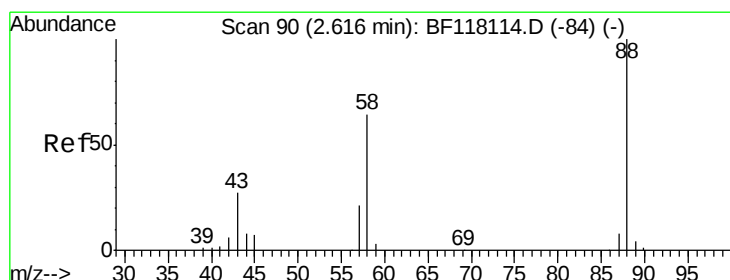
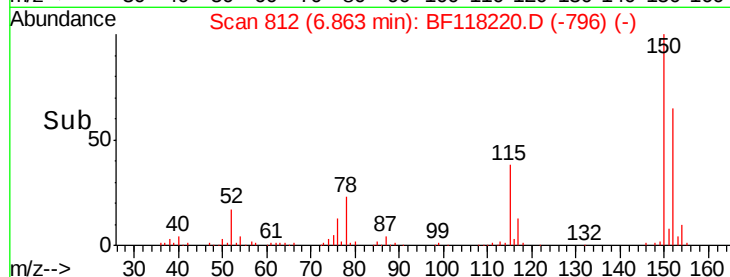
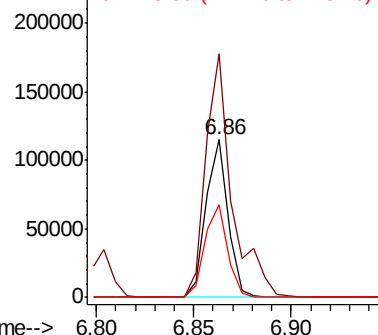
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 89955
 Ion Ratio Lower Upper
 152 100
 150 154.6 128.3 192.5
 115 58.9 51.1 76.7

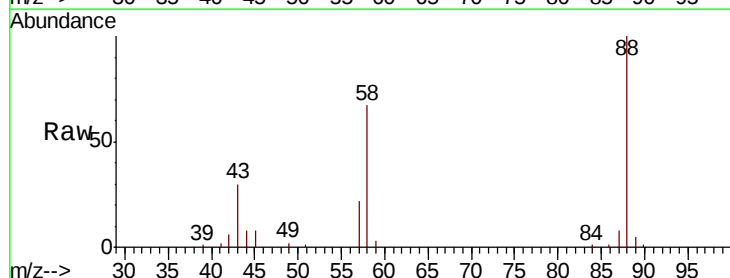


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

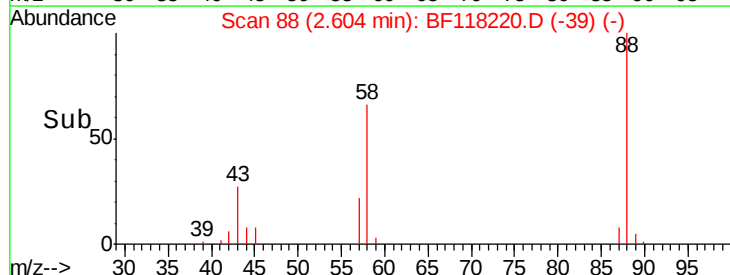
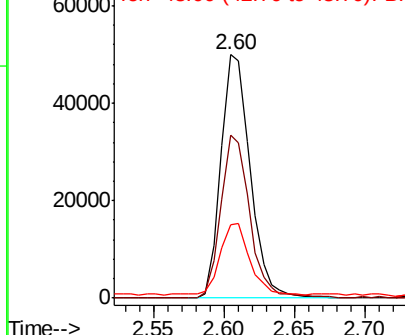


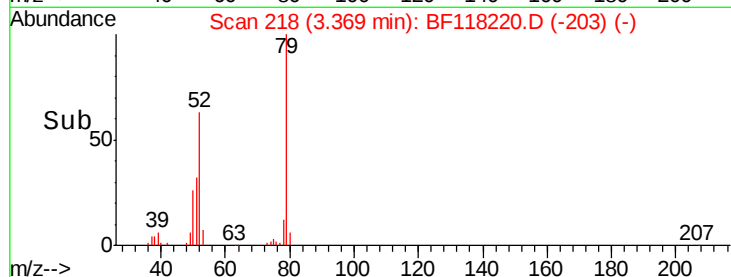
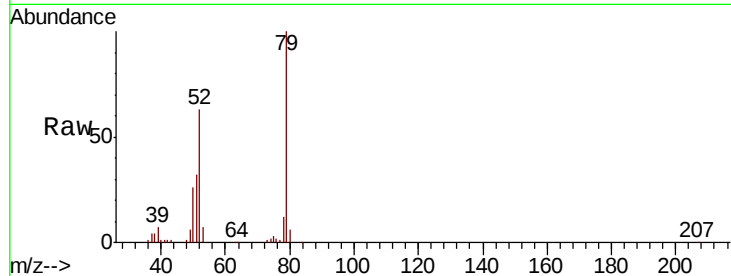
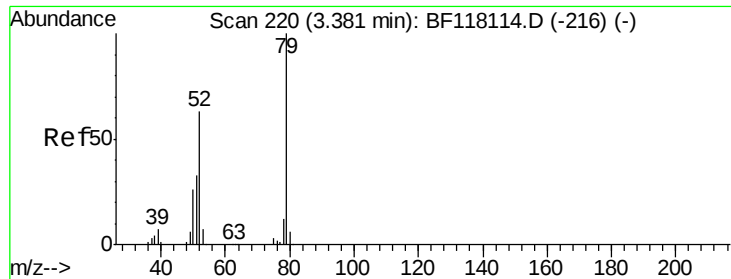
#2
 1,4-Dioxane
 Concen: 33.325 ng
 RT: 2.60 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion: 88 Resp: 72169
 Ion Ratio Lower Upper
 88 100
 58 66.4 52.2 78.4
 43 29.3 21.4 32.2



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

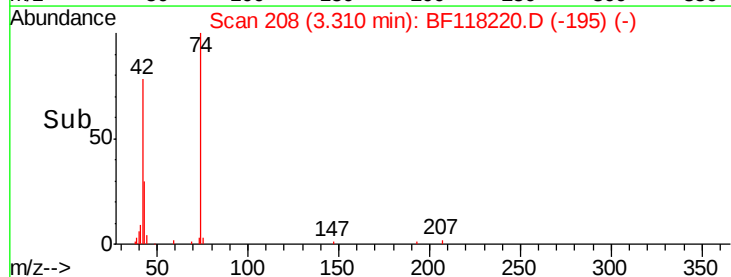
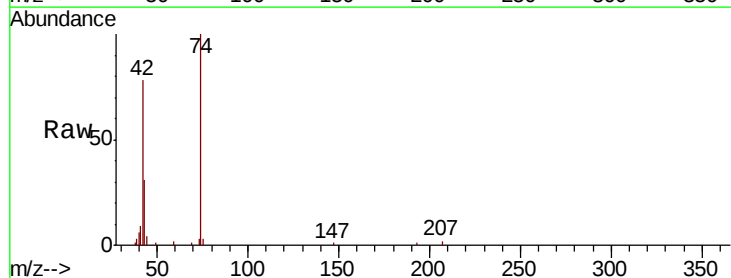
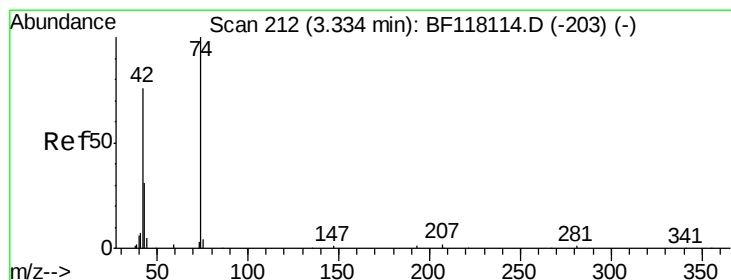
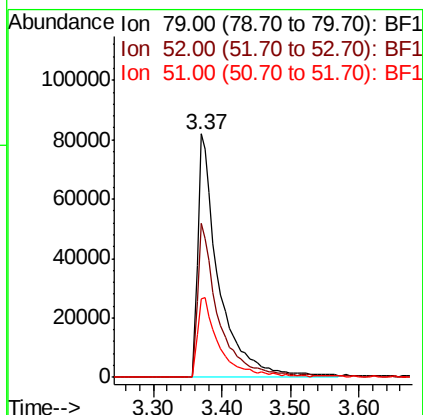




#3
 Pvridine
 Concen: 31.487 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

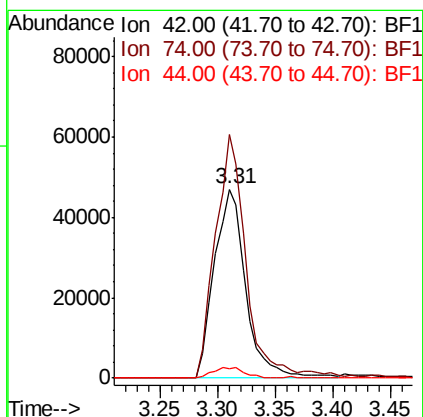
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	50.7	76.1
51	32.3	26.4	39.6



#4
 n-Nitrosodimethylamine
 Concen: 37.147 ng
 RT: 3.31 min Scan# 208
 Delta R.T. -0.02 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.8	104.6	157.0
44	5.2	5.1	7.7





#5

2-Fluorophenol

Concen: 93.292 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

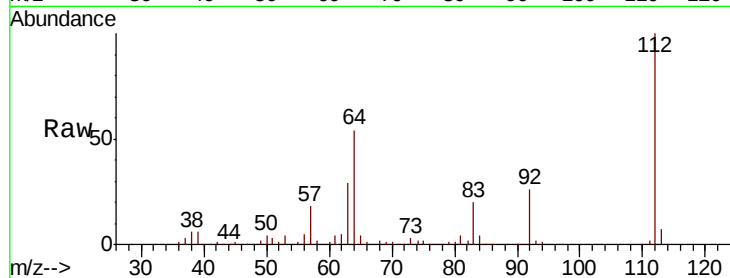
Tot Ion:112 Resp: 479146

Ion Ratio Lower Upper

112 100

64 54.2 41.3 61.9

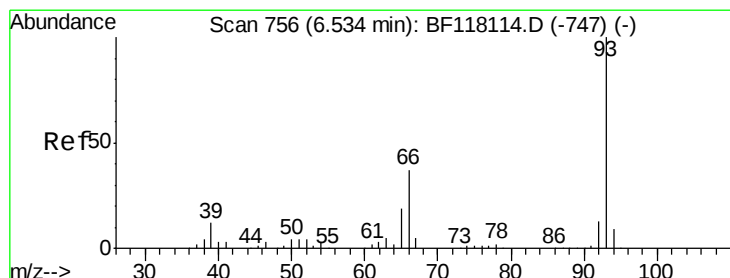
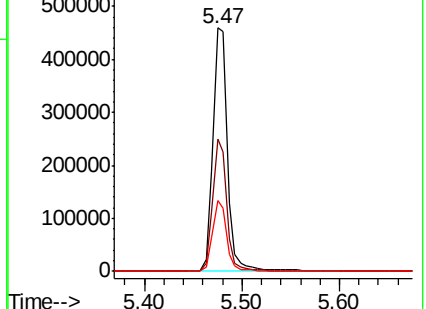
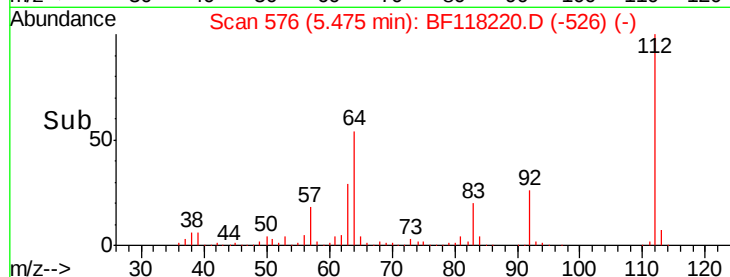
63 29.3 22.4 33.6



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: 12.844 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

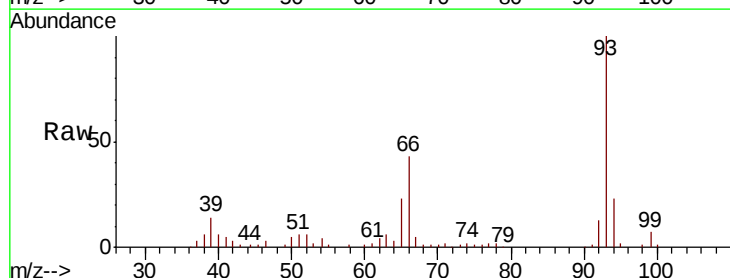
Tgt Ion: 93 Resp: 102064

Ion Ratio Lower Upper

93 100

66 42.9 30.2 45.2

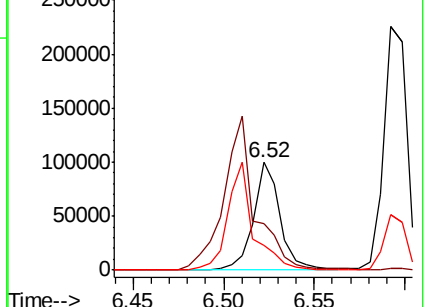
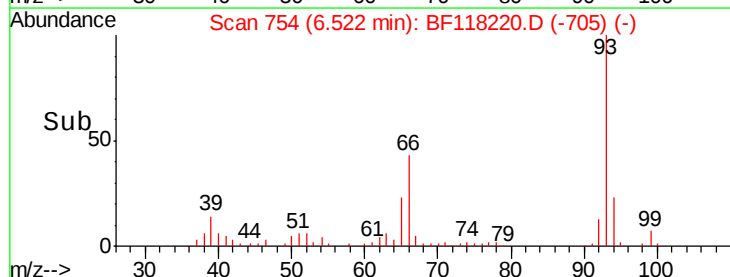
65 23.4 15.5 23.3#

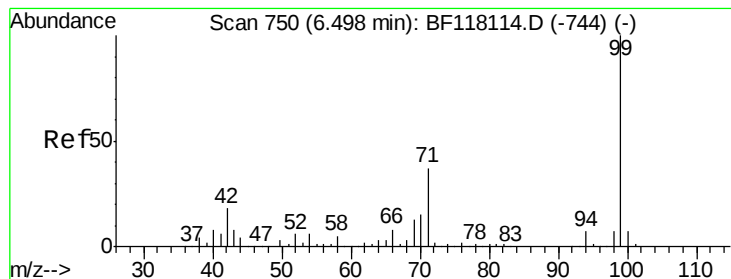


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.677 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

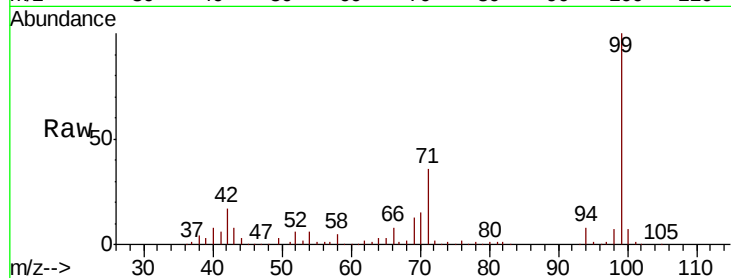
Tot Ion: 99 Resp: 612993

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

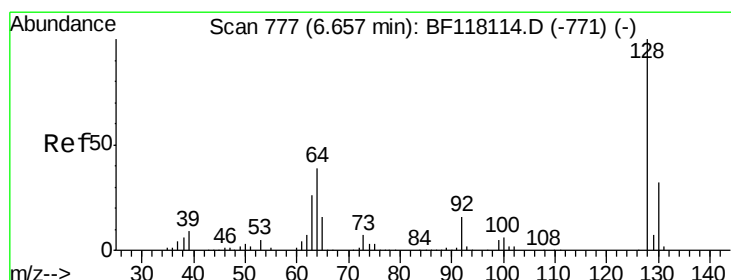
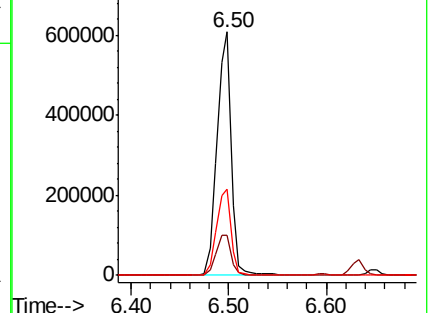
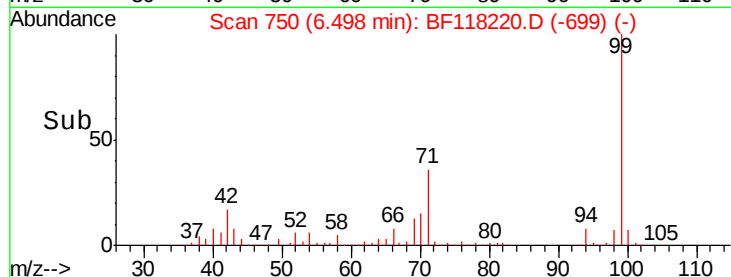
71 35.6 29.7 44.5



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: 40.418 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

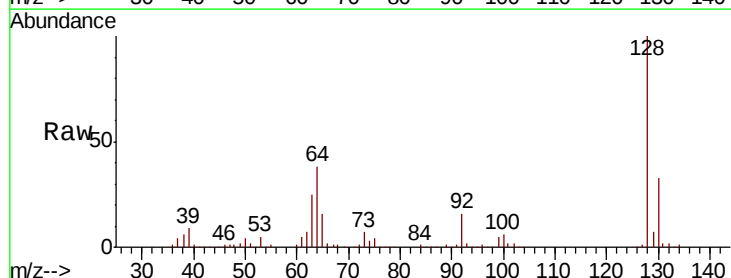
Tgt Ion: 128 Resp: 234068

Ion Ratio Lower Upper

128 100

130 33.4 12.1 52.1

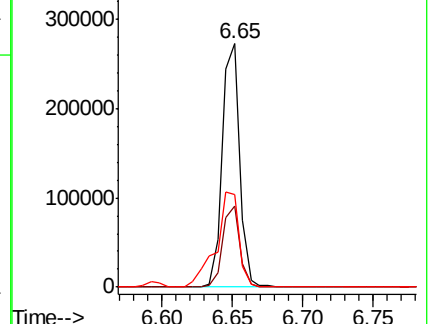
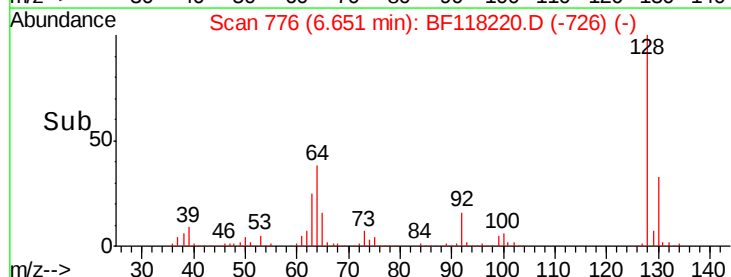
64 38.1 19.3 59.3



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: 19.666 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

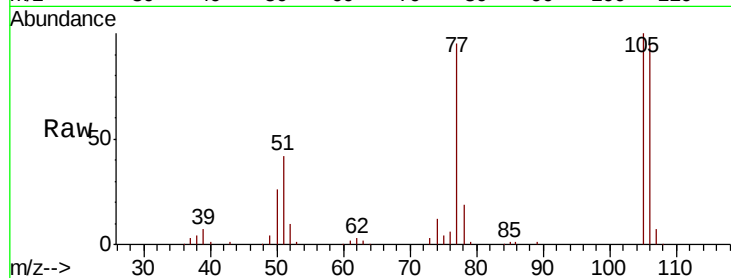
Tot Ion: 77 Resp: 77010

Ion Ratio Lower Upper

77 100

105 104.8 86.4 126.4

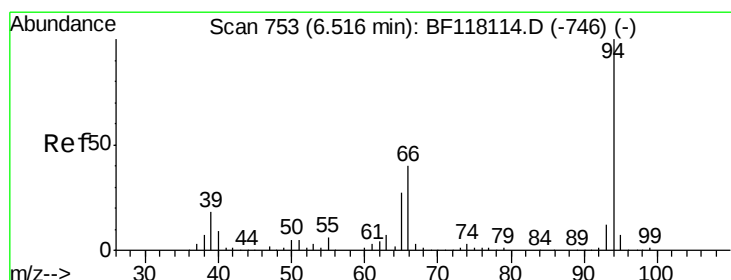
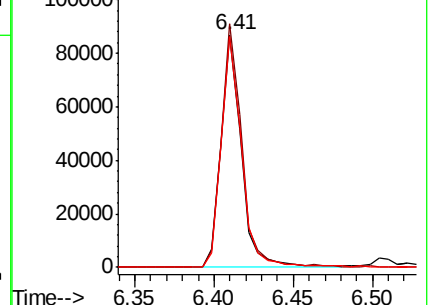
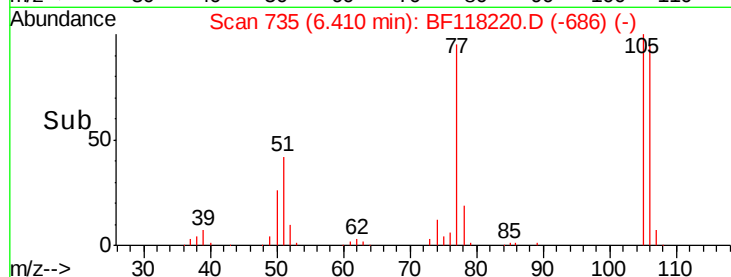
106 99.6 83.8 123.8



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: 40.071 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

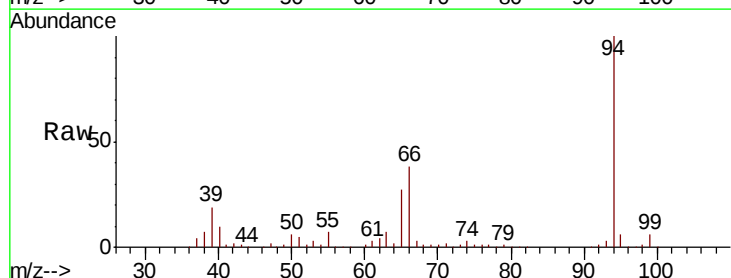
Tgt Ion: 94 Resp: 283880

Ion Ratio Lower Upper

94 100

65 27.0 7.3 47.3

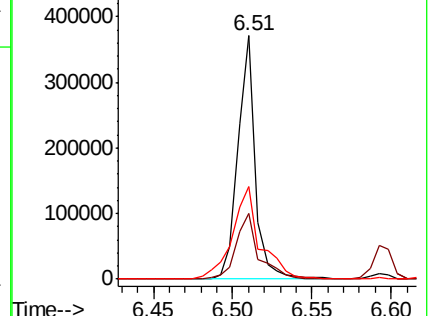
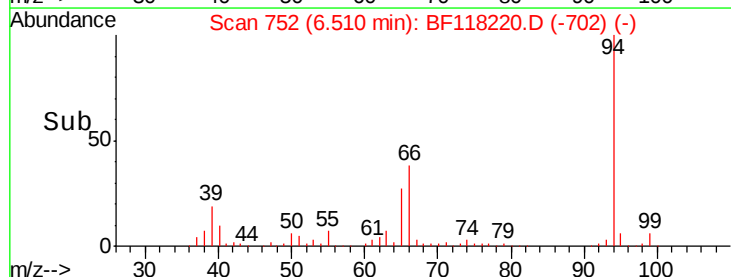
66 38.3 20.2 60.2

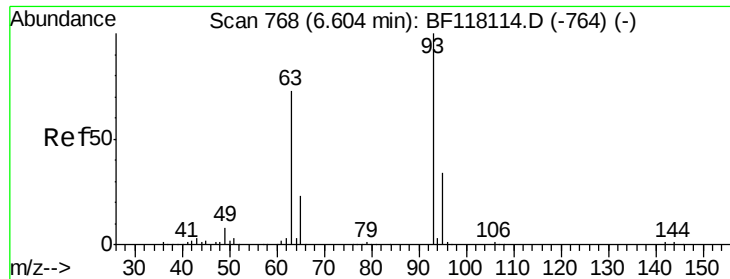


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.837 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

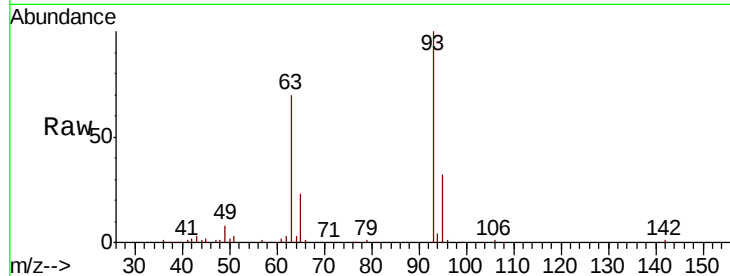
Tot Ion: 93 Resp: 198993

Ion Ratio Lower Upper

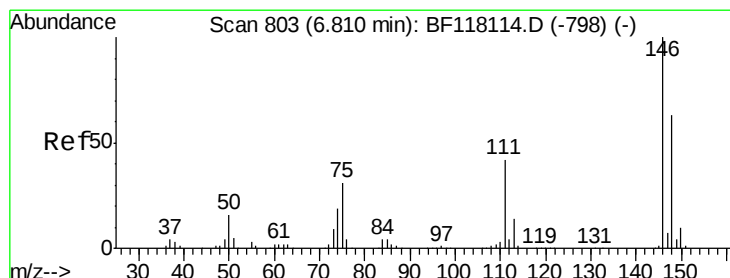
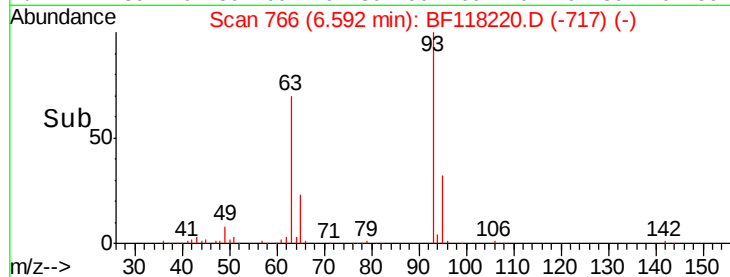
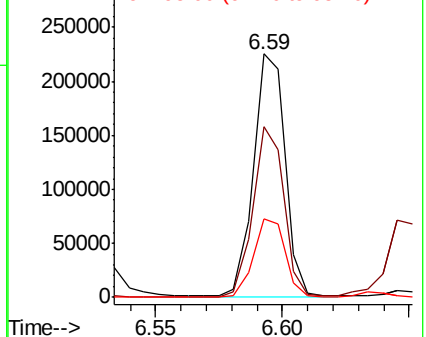
93 100

63 70.0 53.2 93.2

95 32.0 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 37.448 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

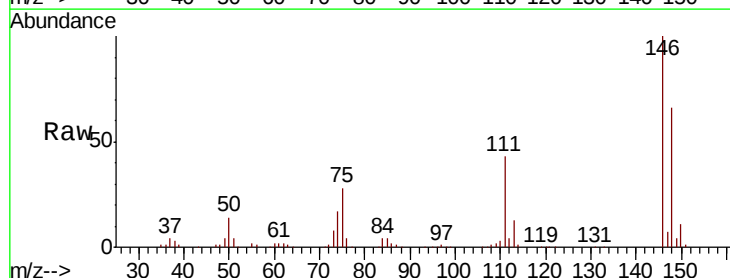
Tgt Ion: 146 Resp: 253345

Ion Ratio Lower Upper

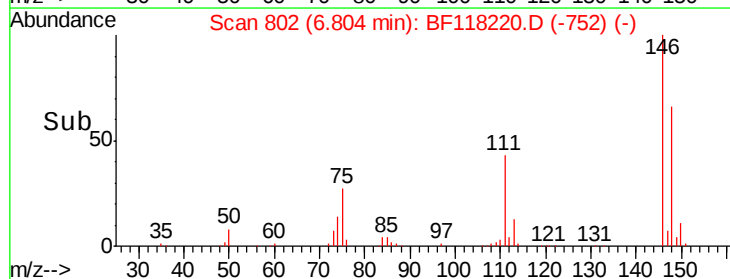
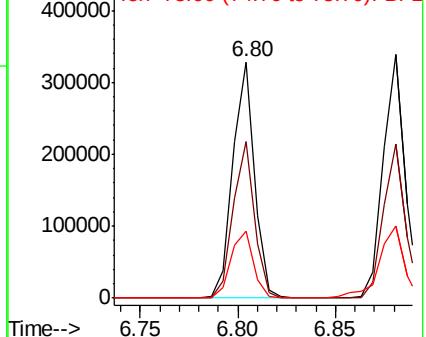
146 100

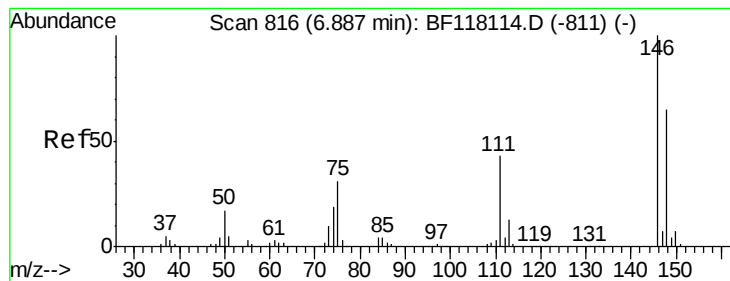
148 66.4 50.2 75.4

75 28.1 24.6 37.0



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: 38.534 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

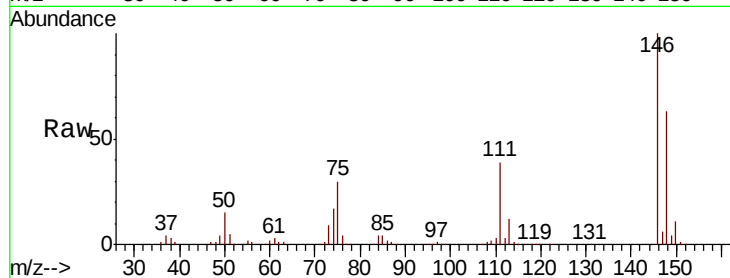
Tot Ion:146 Resp: 262504

Ion Ratio Lower Upper

146 100

148 63.2 52.1 78.1

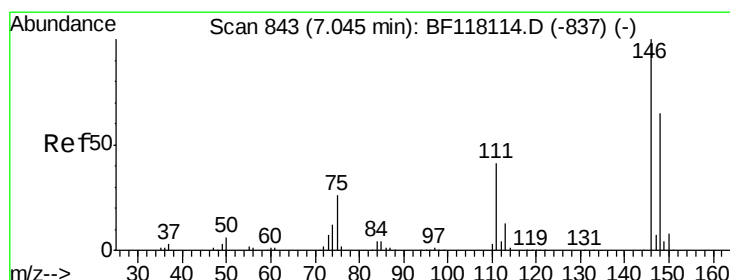
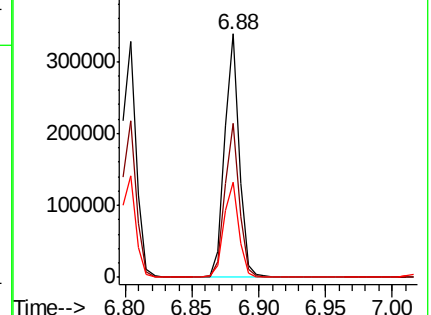
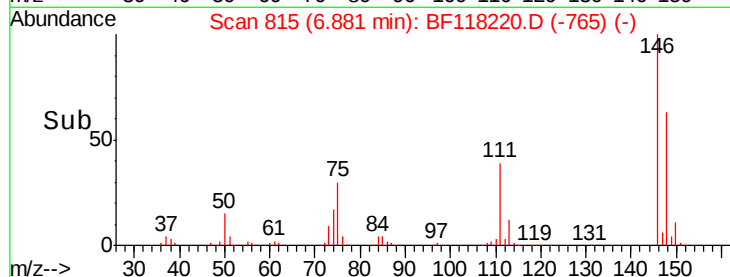
111 39.2 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.988 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

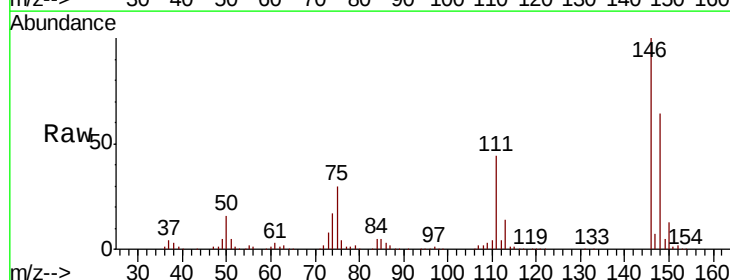
Tgt Ion:146 Resp: 243028

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

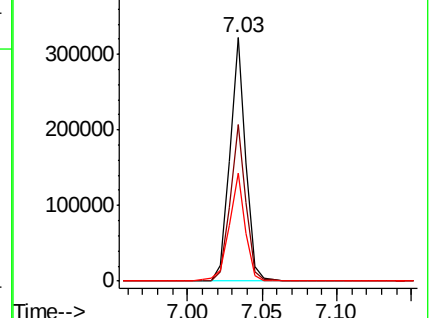
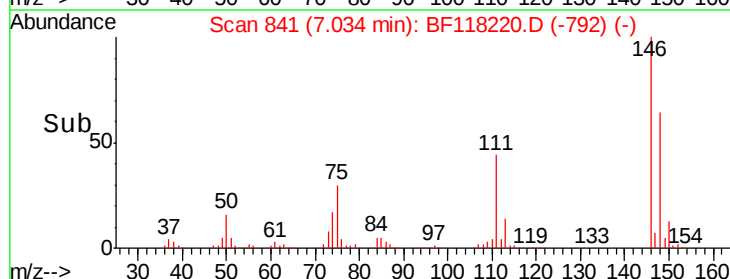
111 44.2 33.1 49.7



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: 39.673 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

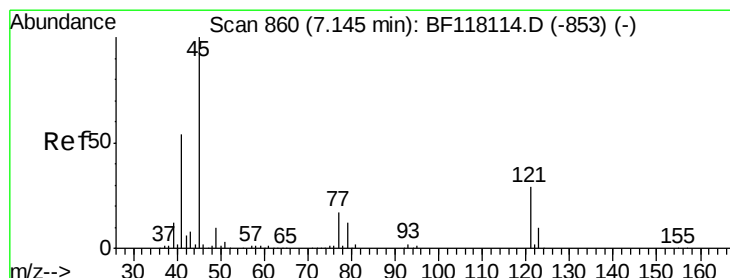
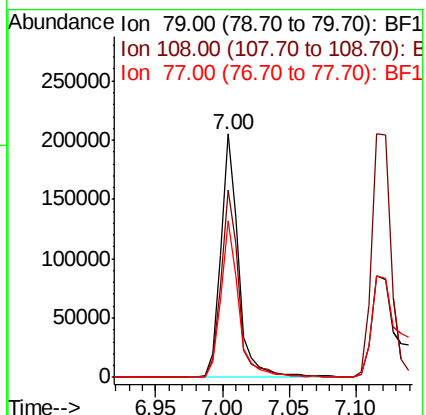
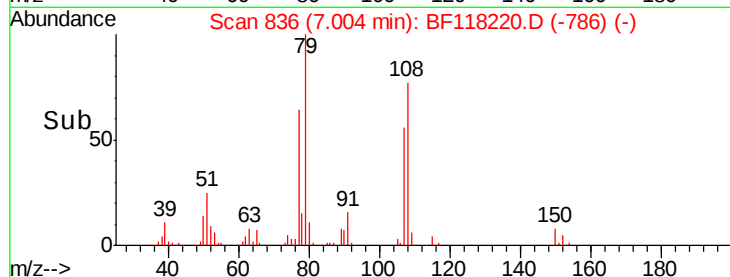
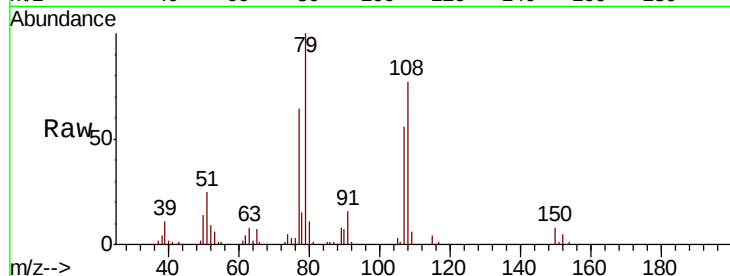
Tot Ion: 79 Resp: 192380

Ion Ratio Lower Upper

79 100

108 76.9 62.7 94.1

77 64.1 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.552 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

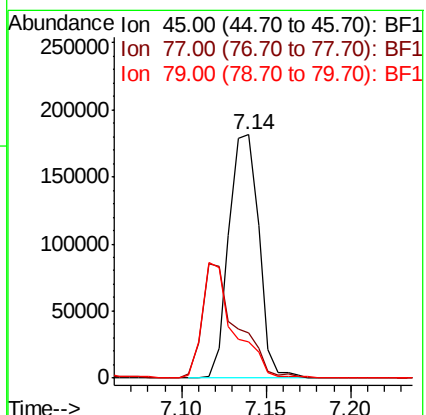
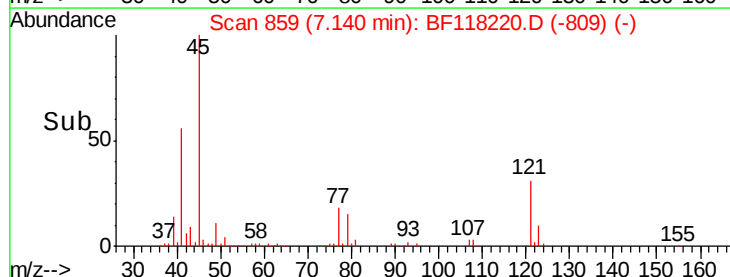
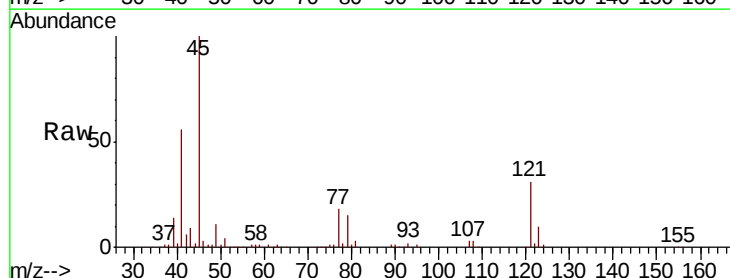
Tgt Ion: 45 Resp: 225184

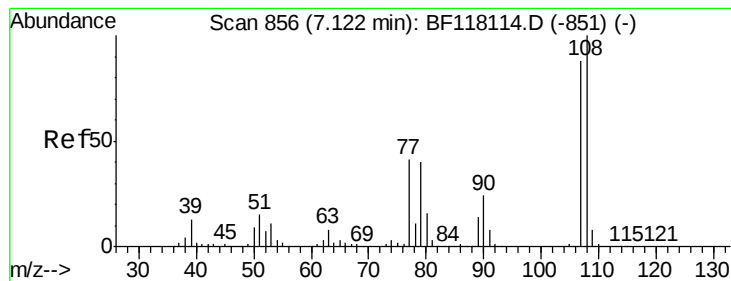
Ion Ratio Lower Upper

45 100

77 18.5 0.0 38.0

79 15.0 0.0 33.2

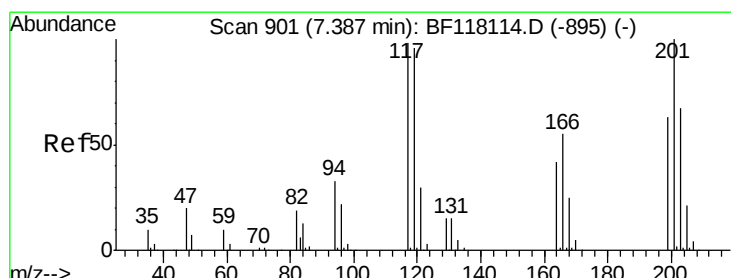
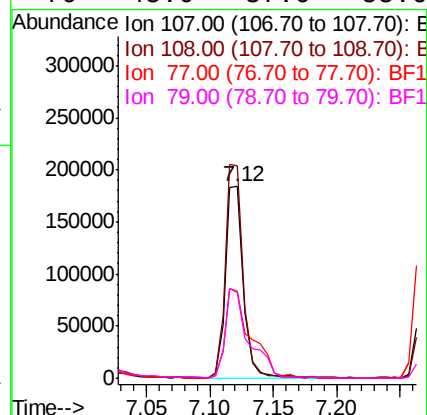
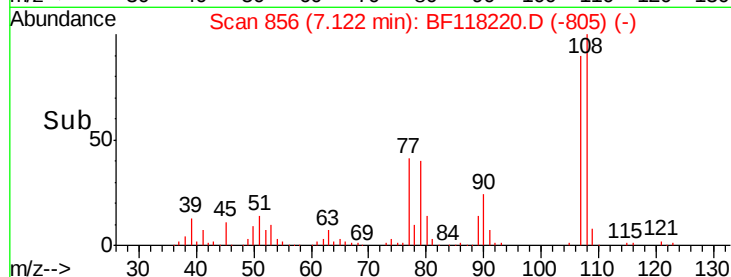
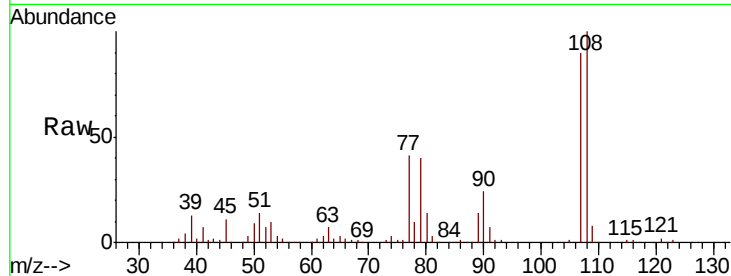




#17
2-Methylphenol
Concen: 39.476 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

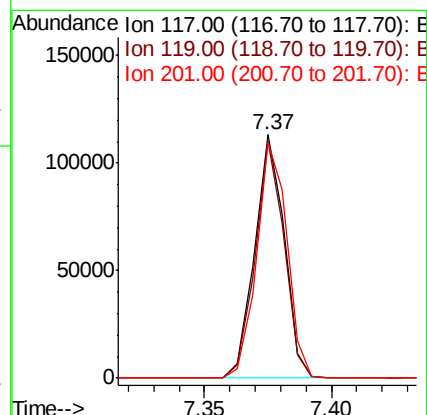
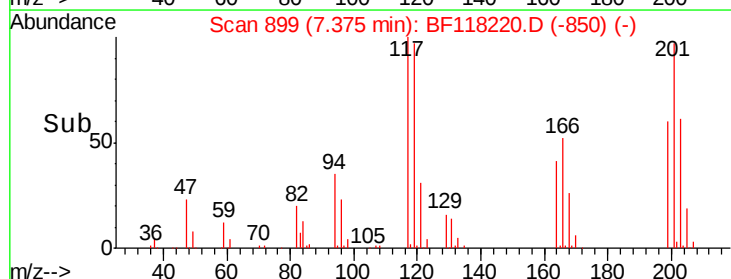
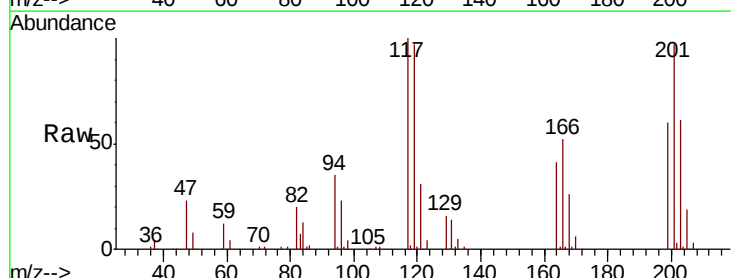
Instrument :
BNA_F
ClientSampleId :

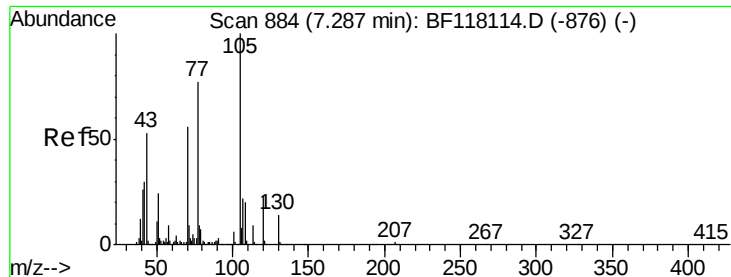
Tot Ion:	107	Resp:	181832
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.1	136.7
77	45.1	37.8	56.6
79	45.0	37.0	55.6



#18
Hexachloroethane
Concen: 36.548 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:	117	Resp:	91742
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.2	117.4
201	97.1	81.6	122.4

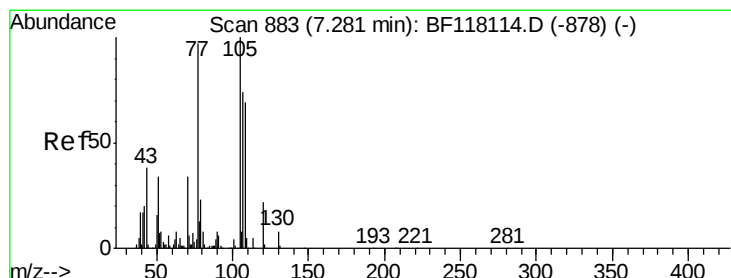
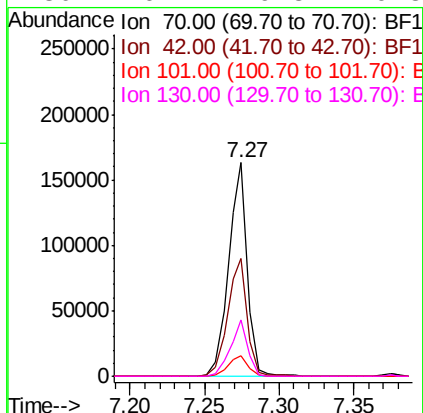
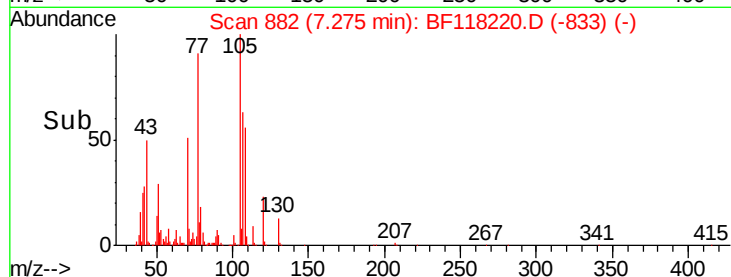
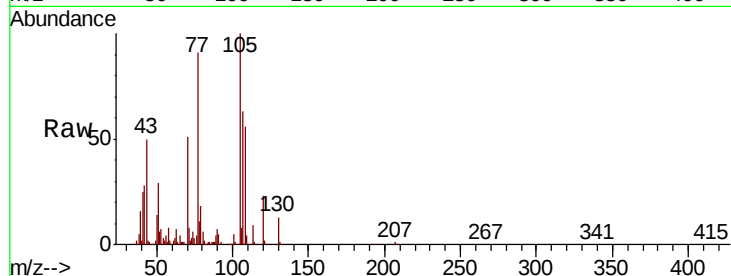




#19
n-Nitroso-di-n-propylamine
Concen: 38.329 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

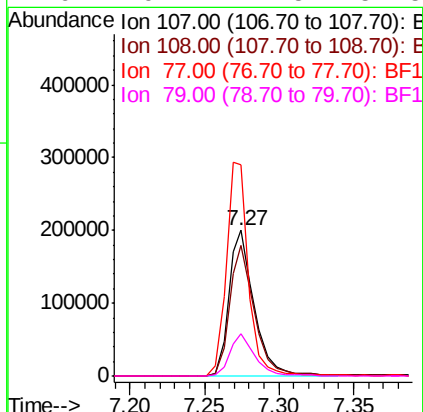
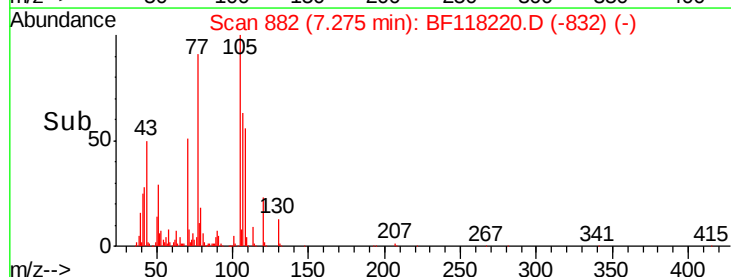
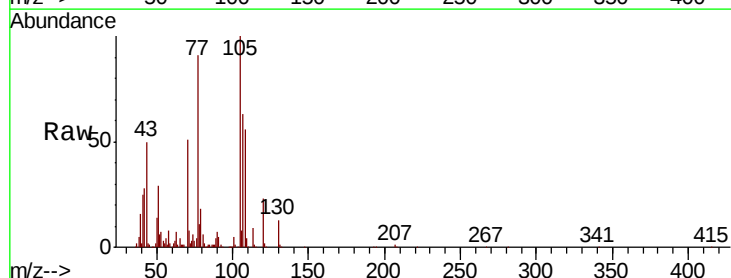
Instrument :
BNA_F
ClientSampleId :

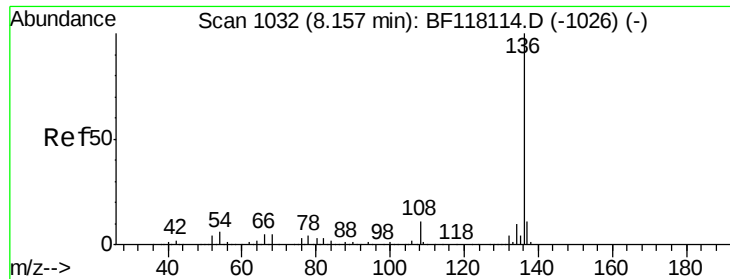
Tot Ion: 70 Resp: 144684
Ion Ratio Lower Upper
70 100
42 54.9 43.2 64.8
101 9.6 8.1 12.1
130 26.1 19.8 29.8



#20
3+4-Methylphenols
Concen: 40.623 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion: 107 Resp: 235030
Ion Ratio Lower Upper
107 100
108 89.5 73.2 113.2
77 145.0 110.9 150.9
79 29.2 11.5 51.5

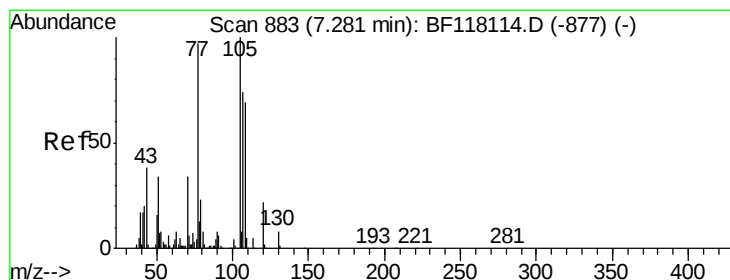
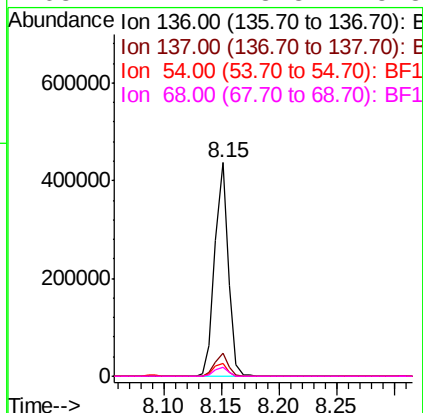
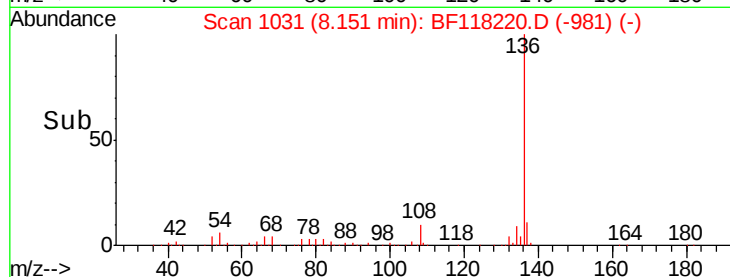
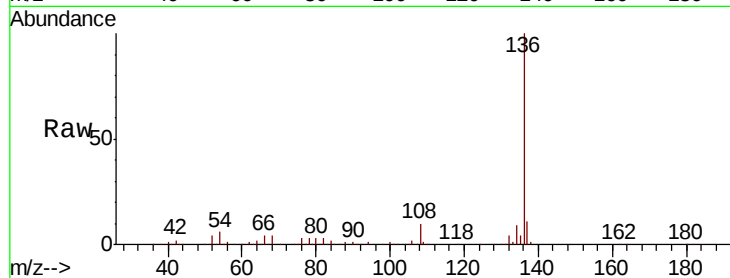




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

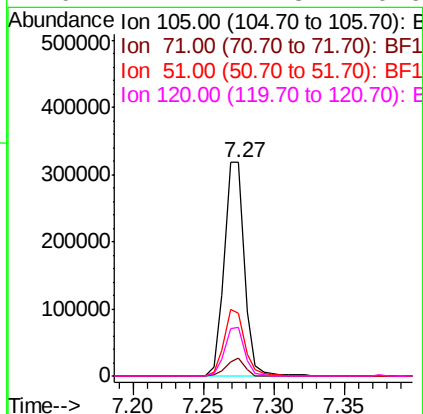
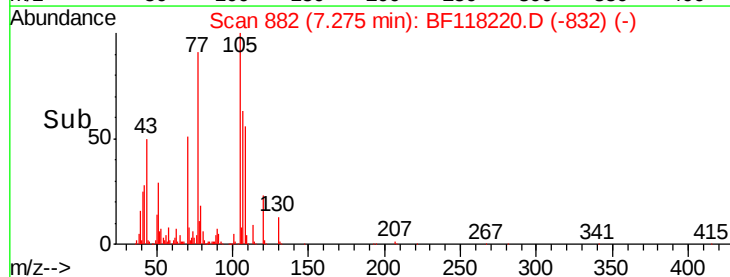
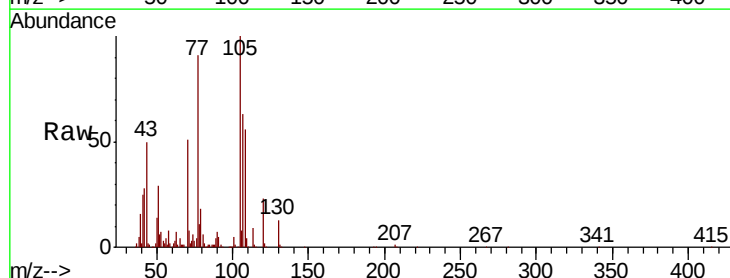
Instrument :
BNA_F
ClientSampleId :

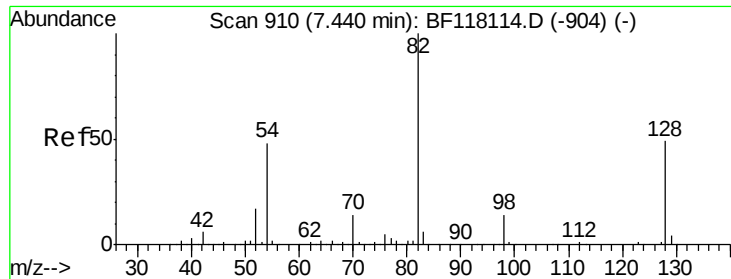
Tot Ion:136	Resp:	355038
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.0 13.6
54	6.1	5.0 7.6
68	4.4	3.8 5.8



#22
Acetophenone
Concen: 37.137 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:105	Resp:	316769
Ion	Ratio	Lower Upper
105	100	
71	8.2	4.7 7.1#
51	29.4	27.1 40.7
120	22.7	17.8 26.6

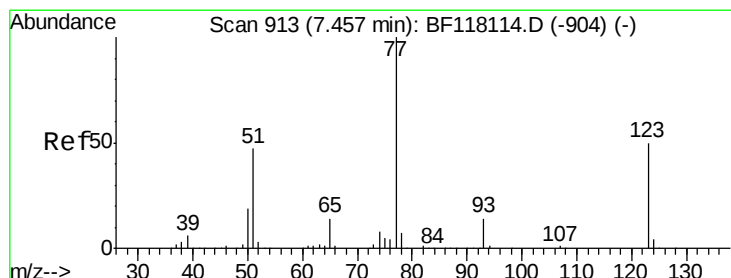
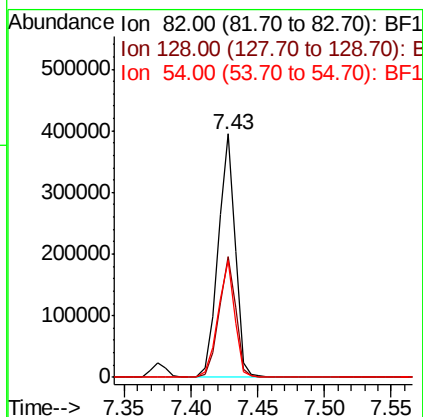
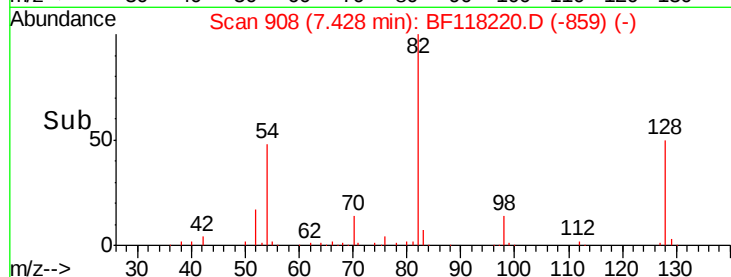
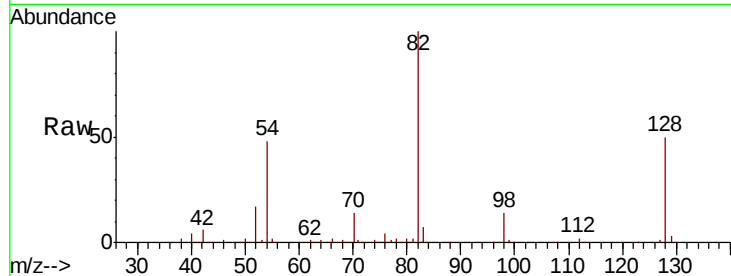




#23
 Nitrobenzene-d5
 Concen: 56.915 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

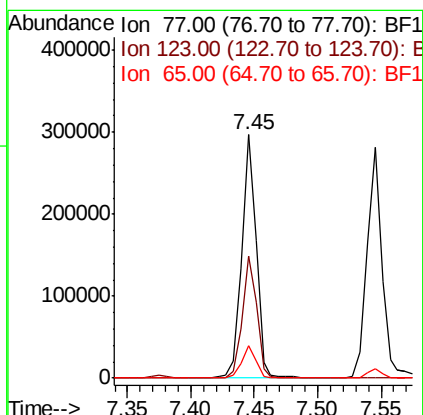
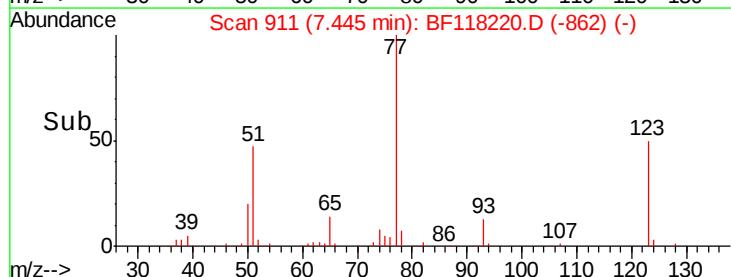
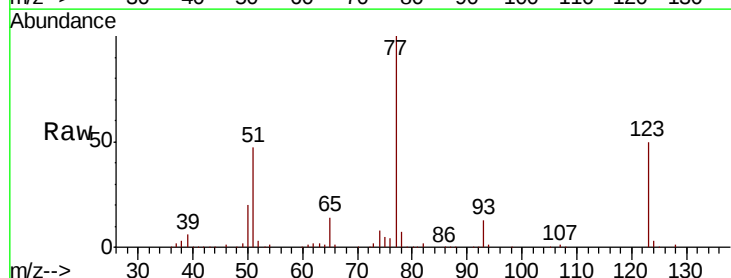
Instrument :
 BNA_F
 ClientSampleId :

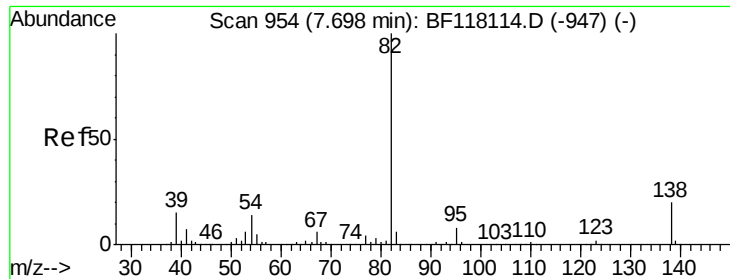
Tot Ion: 82 Resp: 359188
 Ion Ratio Lower Upper
 82 100
 128 49.5 39.1 58.7
 54 48.2 38.2 57.2



#24
 Nitrobenzene
 Concen: 37.027 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion: 77 Resp: 229581
 Ion Ratio Lower Upper
 77 100
 123 50.1 40.1 60.1
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 37.450 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

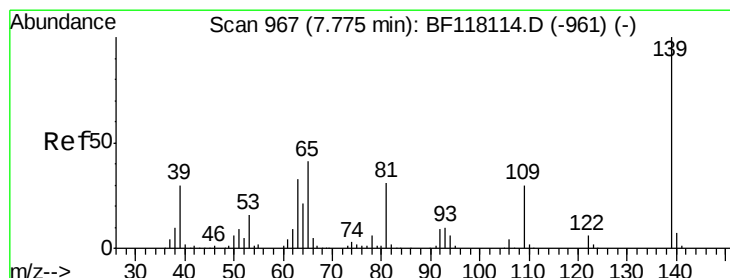
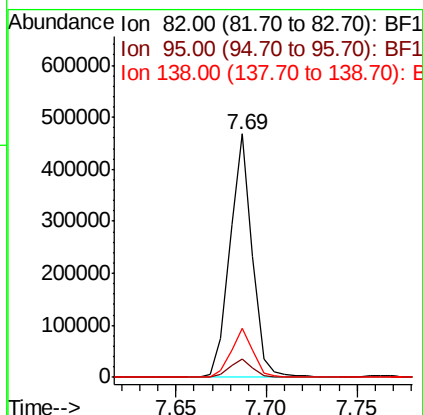
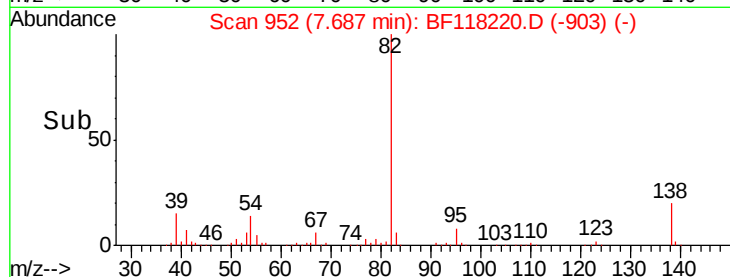
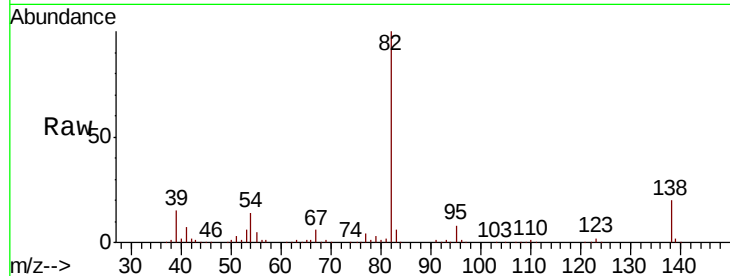
Tot Ion: 82 Resp: 400648

Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

138 20.0 16.3 24.5



#26

2-Nitrophenol

Concen: 38.300 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

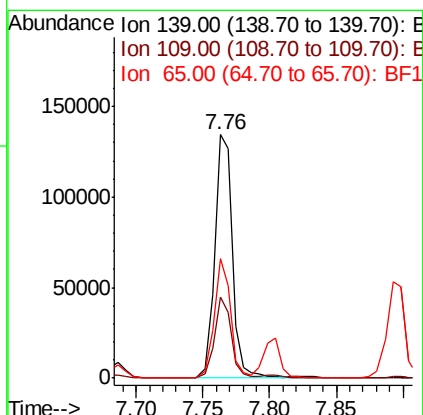
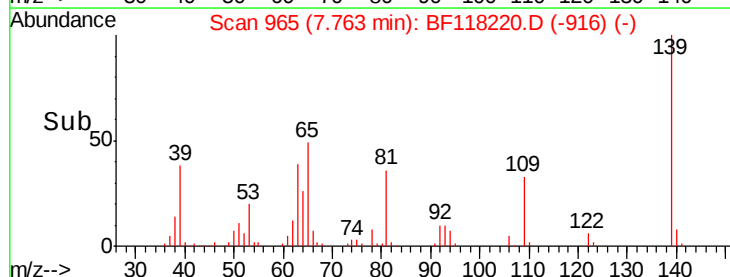
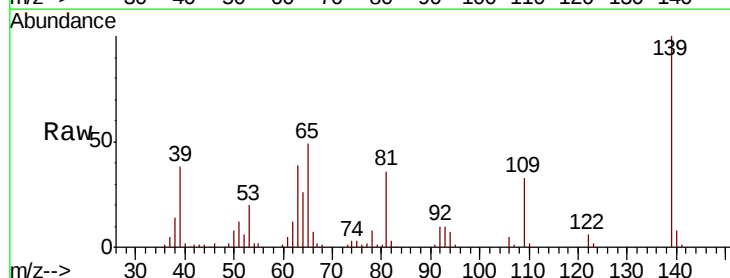
Tgt Ion: 139 Resp: 126927

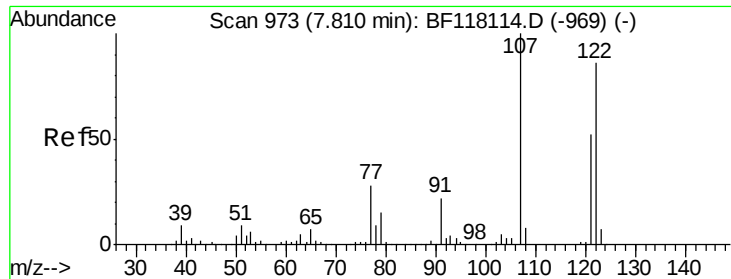
Ion Ratio Lower Upper

139 100

109 33.3 23.9 35.9

65 48.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.877 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

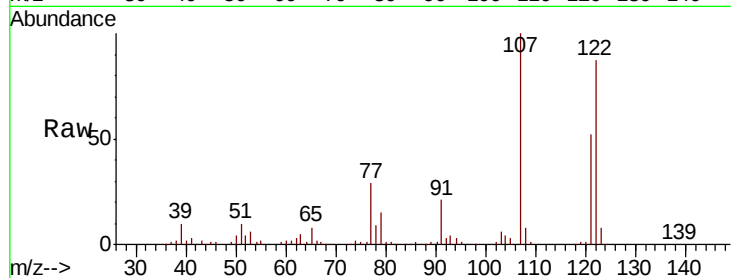
Tot Ion:122 Resp: 193959

Ion Ratio Lower Upper

122 100

107 115.5 92.9 139.3

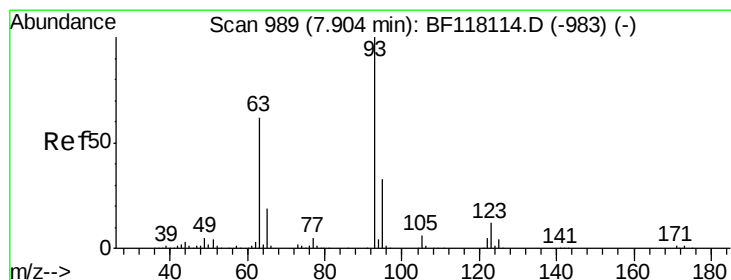
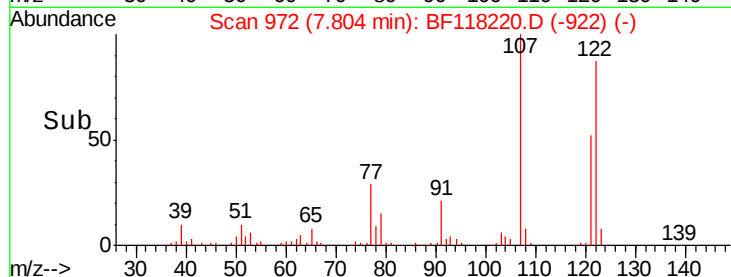
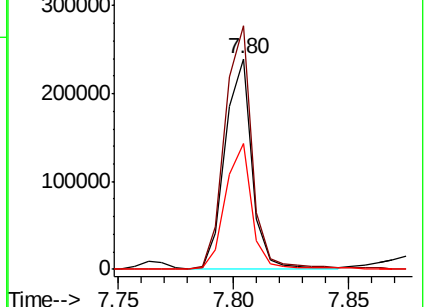
121 59.7 48.3 72.5



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: 36.102 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

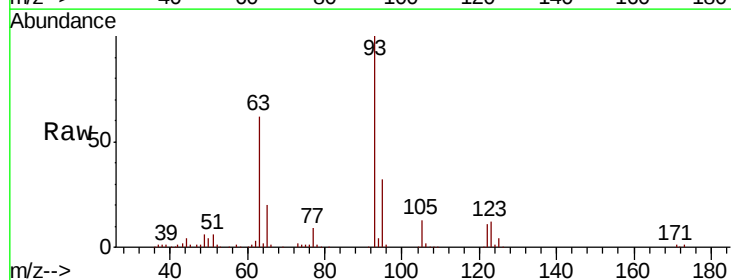
Tgt Ion: 93 Resp: 252375

Ion Ratio Lower Upper

93 100

95 32.3 26.7 40.1

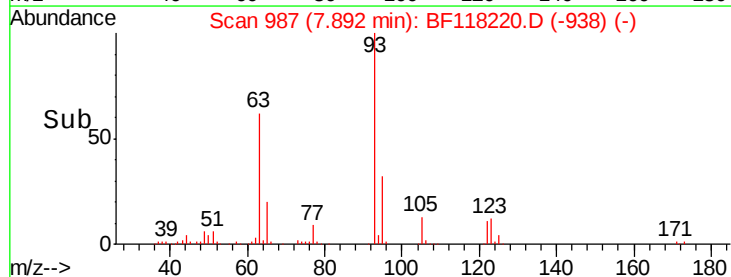
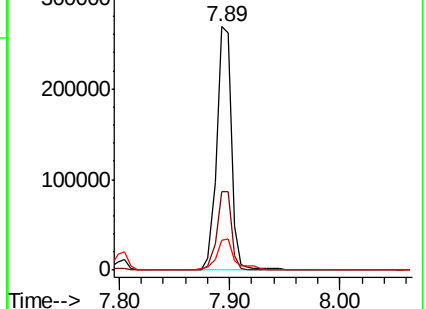
123 12.2 10.0 15.0

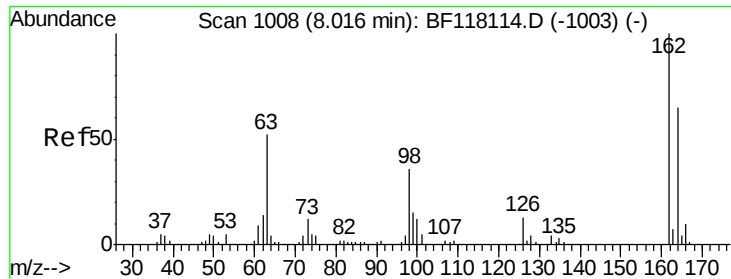


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

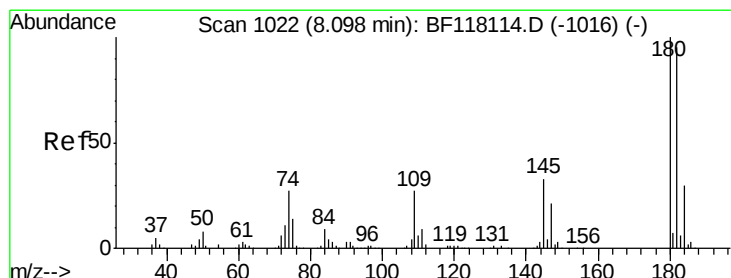
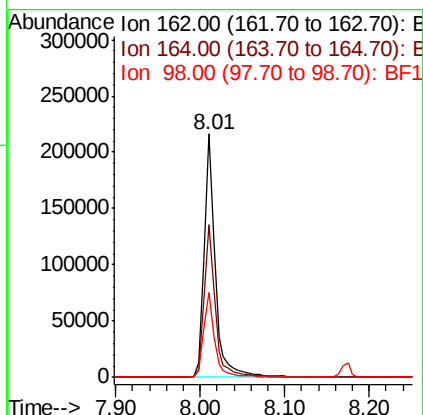
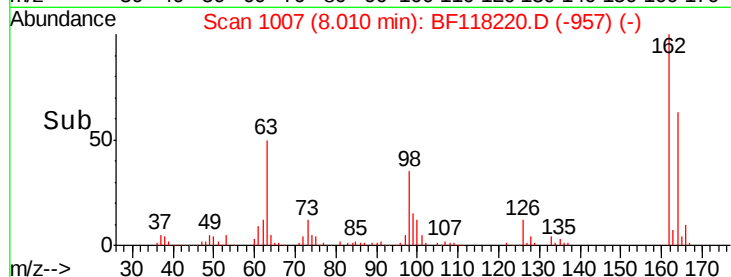
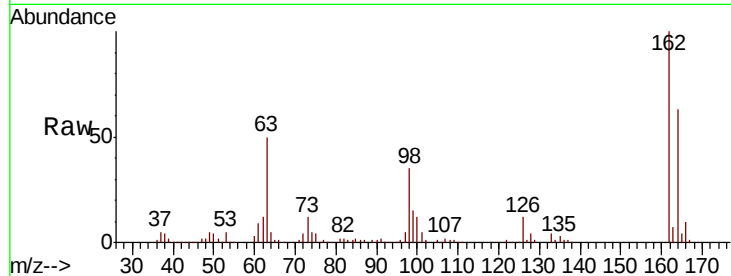




#29
2,4-Dichlorophenol
Concen: 38.097 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

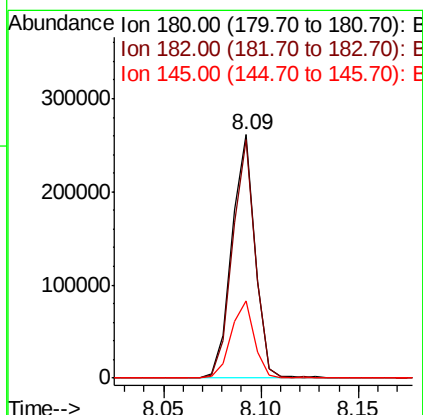
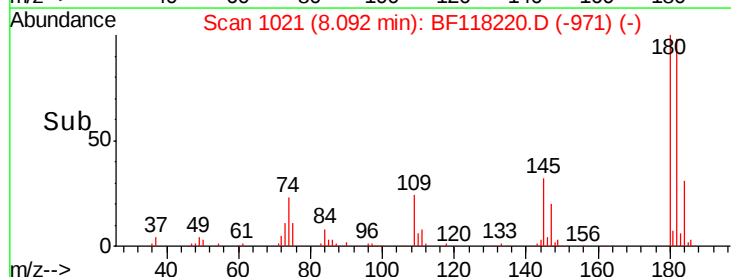
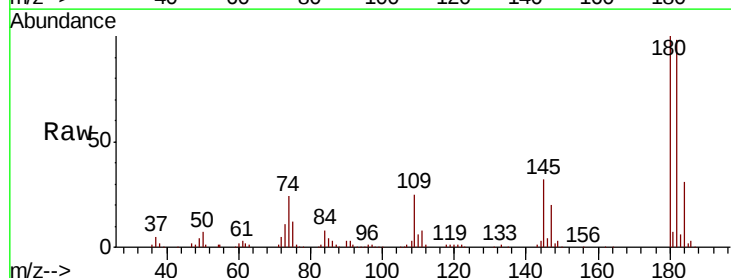
Instrument :
BNA_F
ClientSampled :

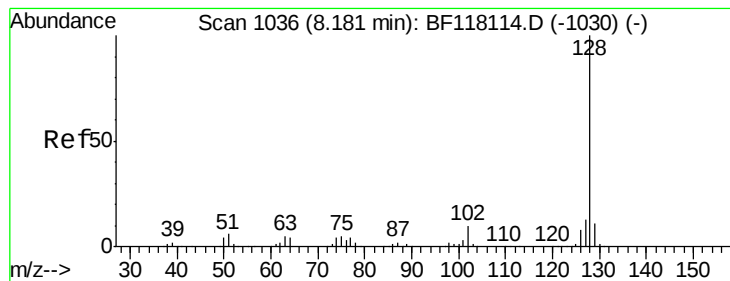
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	45.2	85.2
98	34.9	15.9	55.9



#30
1,2,4-Trichlorobenzene
Concen: 35.850 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.1	114.1
145	31.5	26.1	39.1





#31

Naphthalene

Concen: 38.474 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

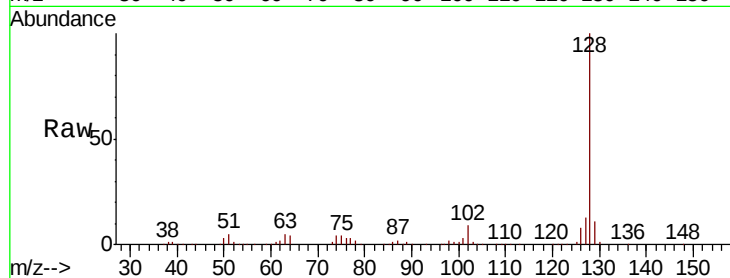
Tot Ion:128 Resp: 686021

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

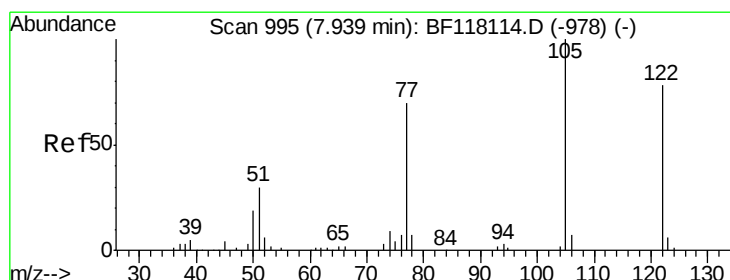
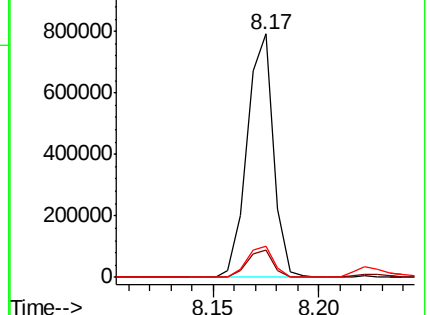
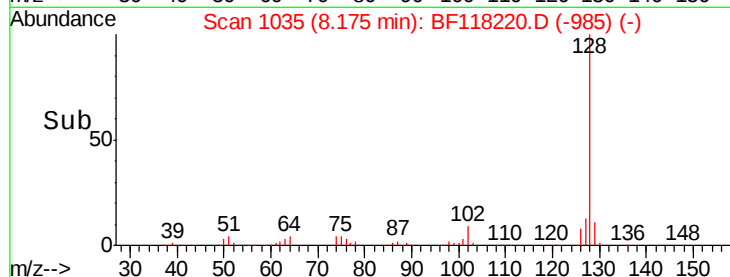
127 13.0 10.6 16.0



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: 33.246 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

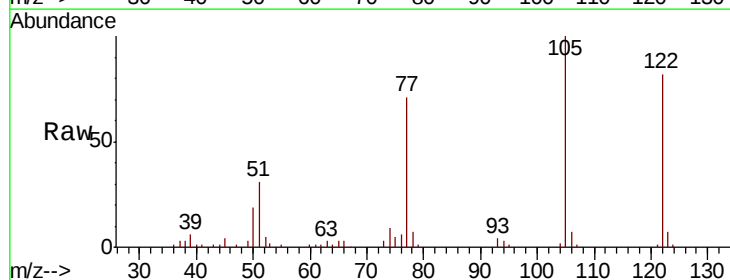
Tgt Ion:122 Resp: 132697

Ion Ratio Lower Upper

122 100

105 121.9 104.7 144.7

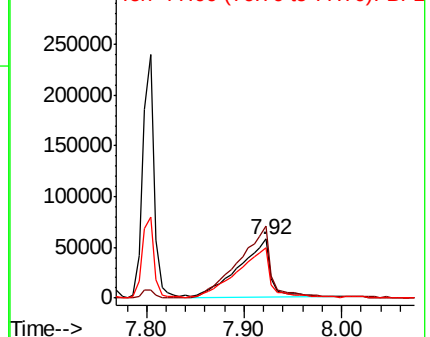
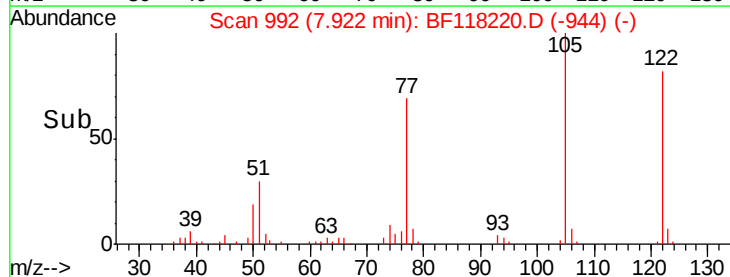
77 86.0 69.1 109.1

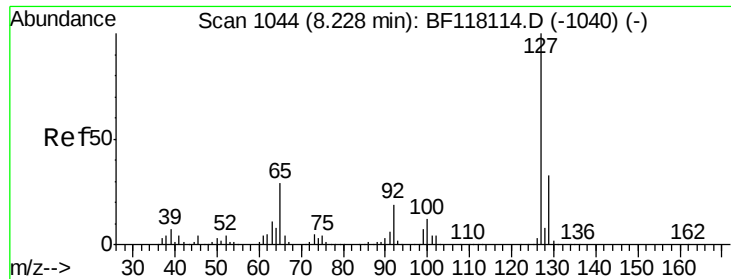


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

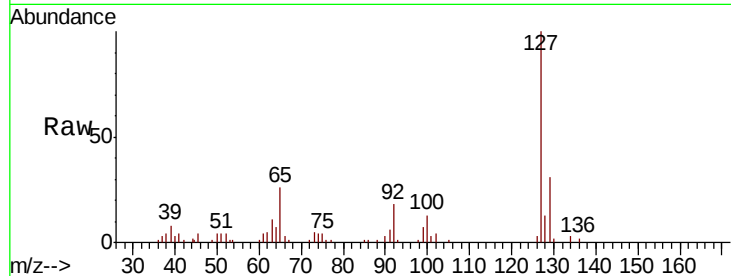




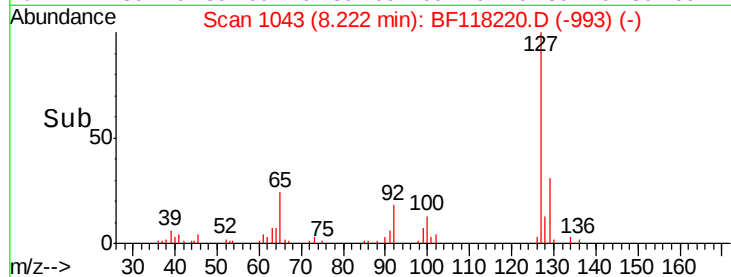
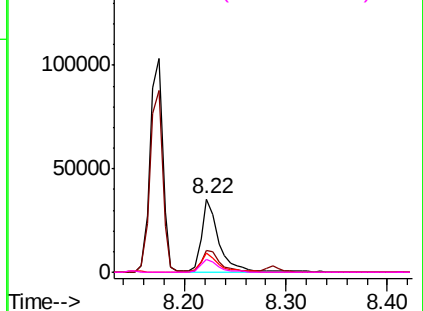
#33
4-Chloroaniline
Concen: 5.604 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	43147
Ion Ratio	Lower	Upper
127	100	
129	30.5	26.6 40.0
65	26.1	23.2 34.8
92	17.9	15.4 23.0

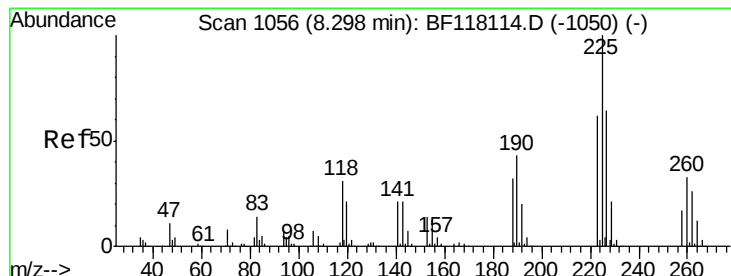


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

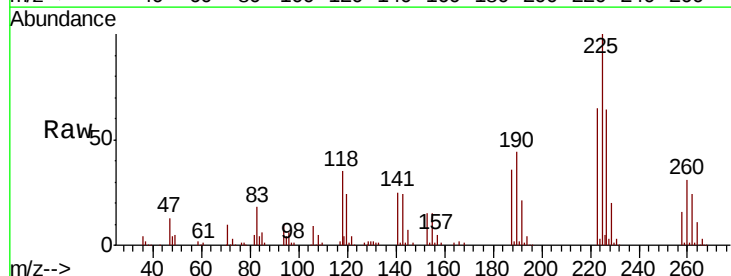
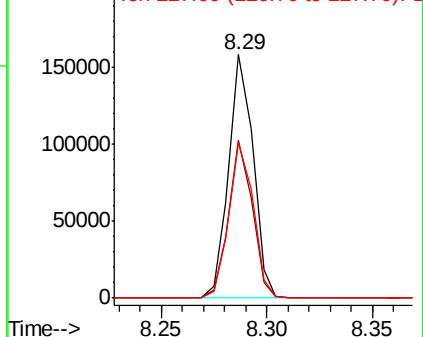


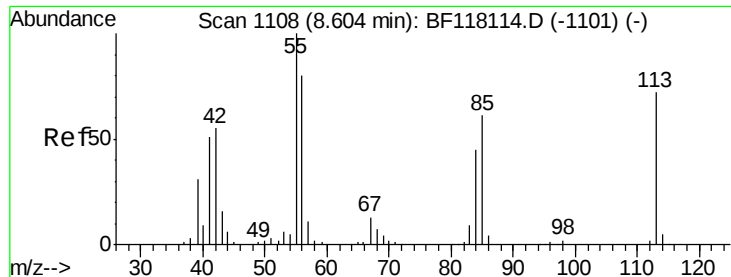
#34
Hexachlorobutadiene
Concen: 35.071 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:225	Resp:	126655
Ion Ratio	Lower	Upper
225	100	
223	64.7	49.6 74.4
227	63.6	51.0 76.6



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

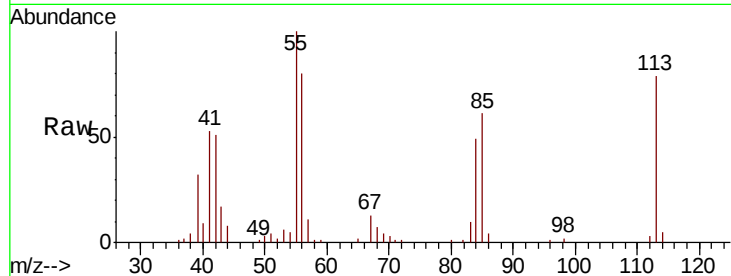




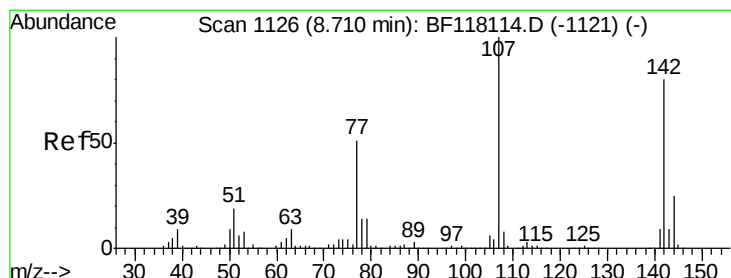
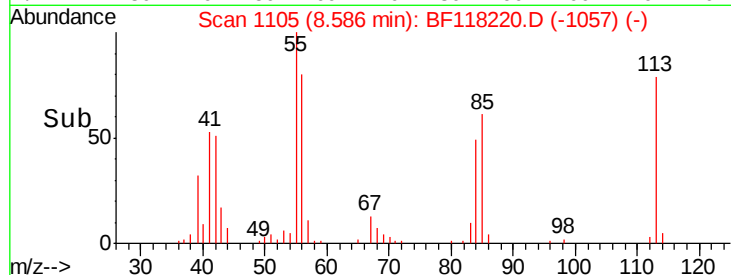
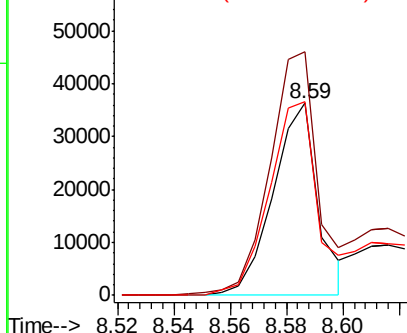
#35
Caprolactam
Concen: 25.220 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 40081
Ion Ratio Lower Upper
113 100
55 126.7 118.9 158.9
56 100.9 91.4 131.4

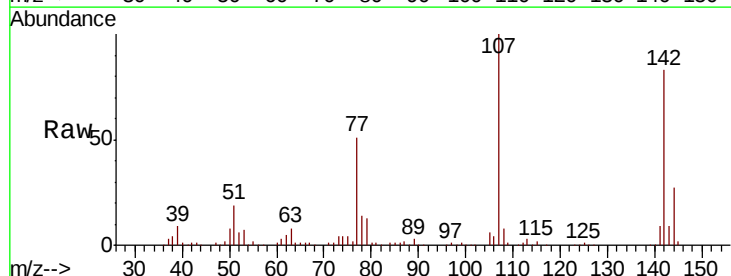


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

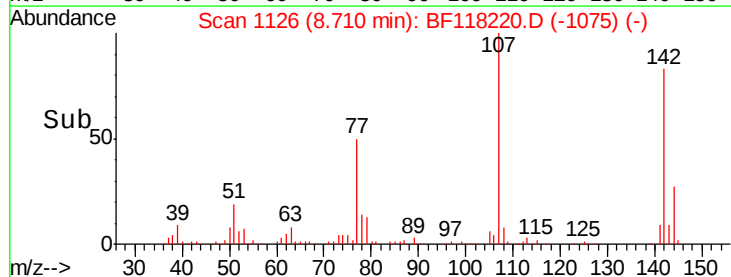
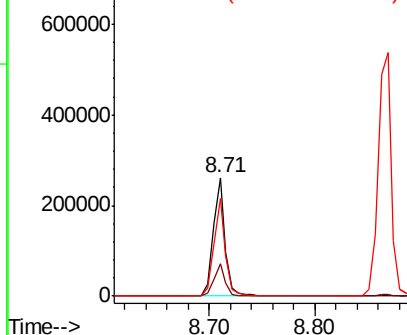


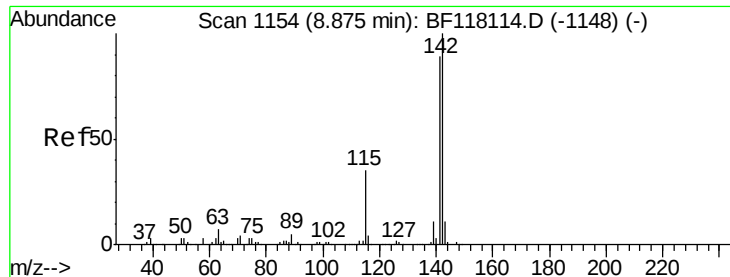
#36
4-Chloro-3-methylphenol
Concen: 38.408 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:107 Resp: 208295
Ion Ratio Lower Upper
107 100
144 27.2 20.3 30.5
142 82.6 63.7 95.5



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

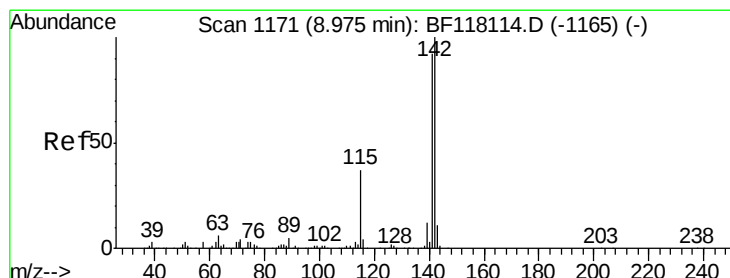
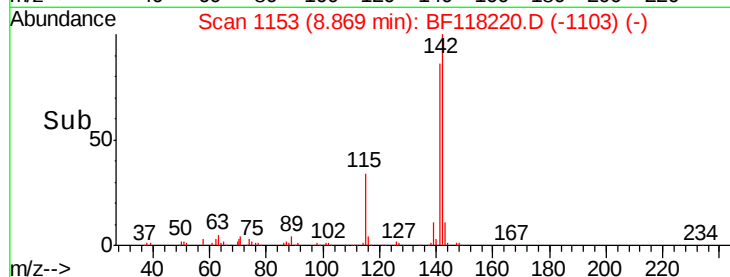
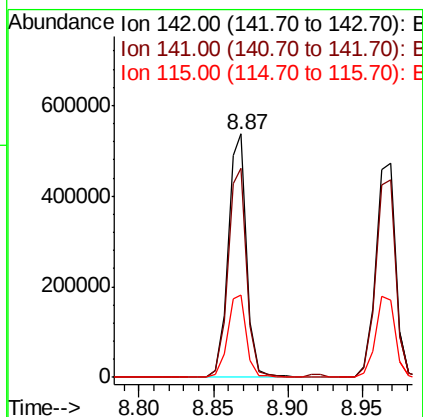
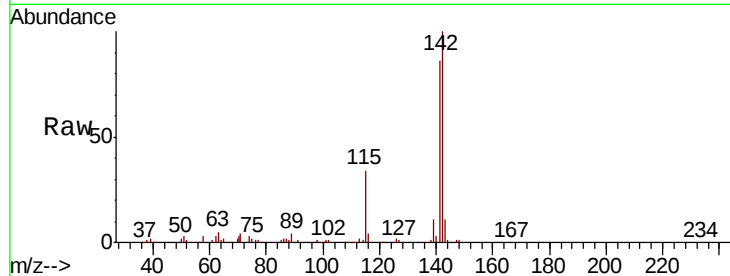




#37
2-Methylnaphthalene
Concen: 39.033 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

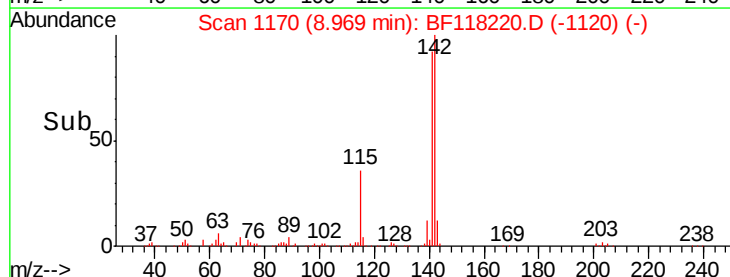
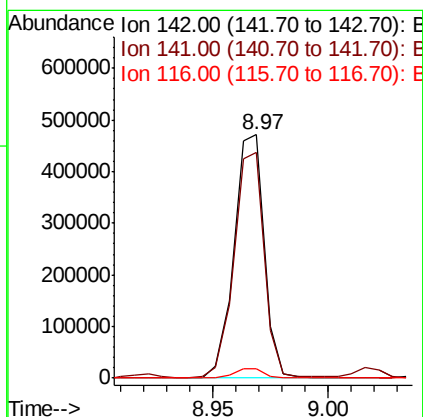
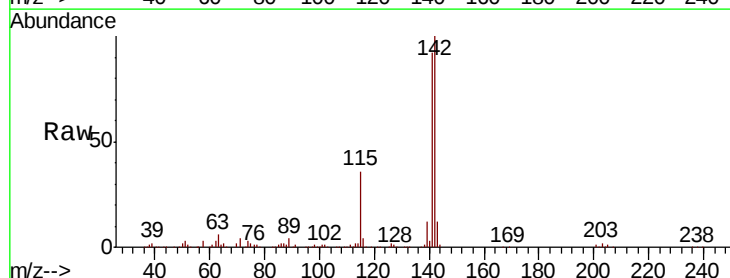
Instrument :
BNA_F
ClientSampleId :

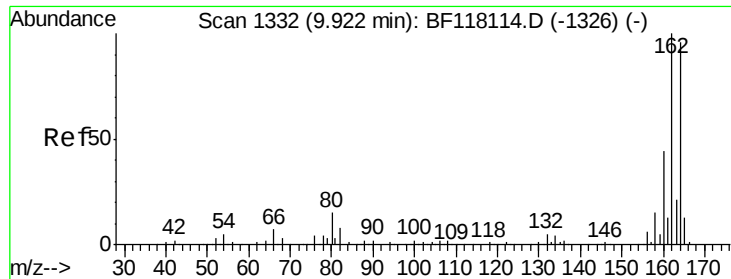
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.4	107.0
115	33.6	28.2	42.4



#38
1-Methylnaphthalene
Concen: 37.866 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.0	111.0
116	3.6	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

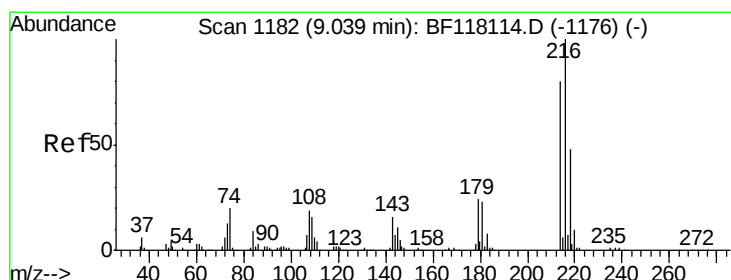
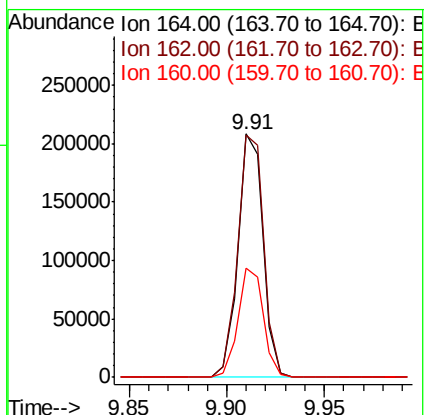
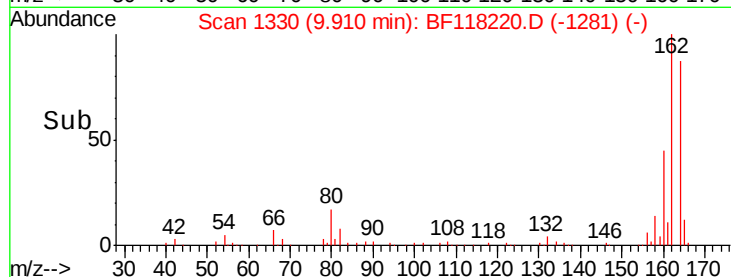
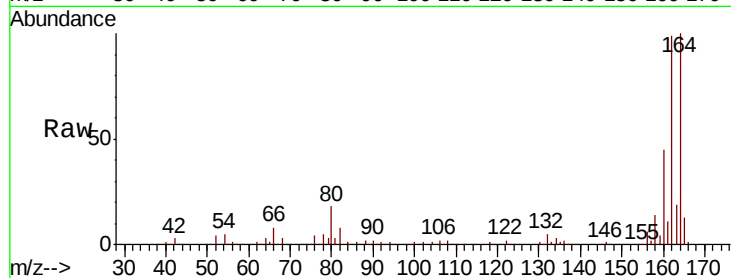
Tot Ion:164 Resp: 185102

Ion Ratio Lower Upper

164 100

162 99.4 83.4 125.0

160 45.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.905 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Tgt Ion:216 Resp: 206940

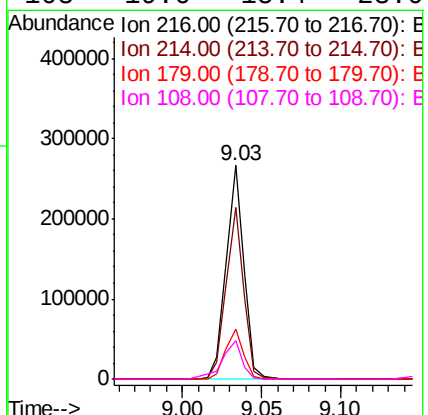
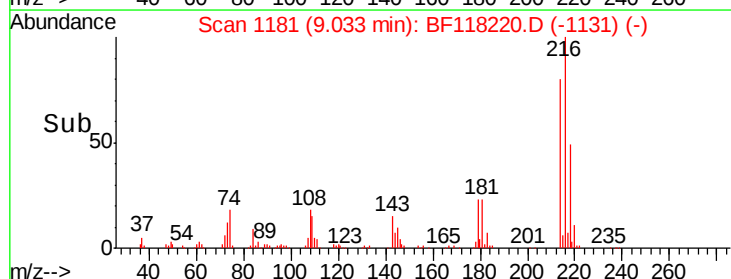
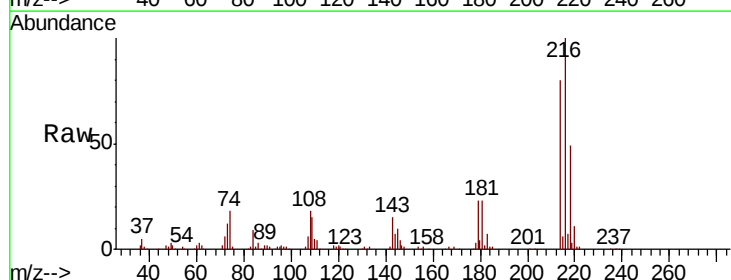
Ion Ratio Lower Upper

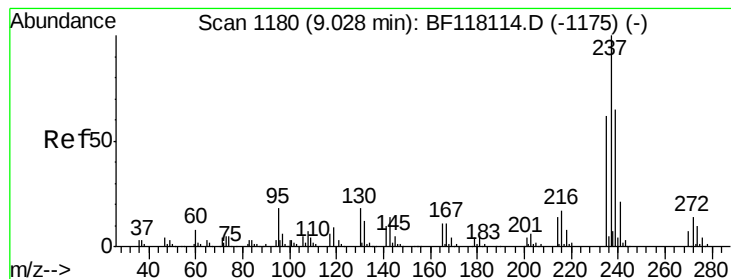
216 100

214 79.1 63.4 95.2

179 23.4 18.6 27.8

108 19.6 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 49.324 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

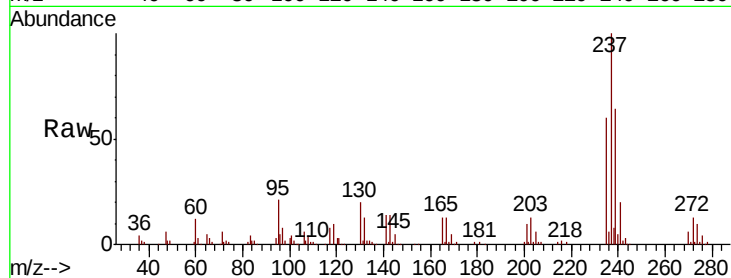
Tot Ion:237 Resp: 123921

Ion Ratio Lower Upper

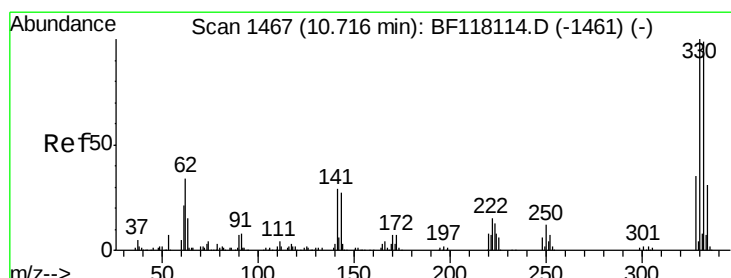
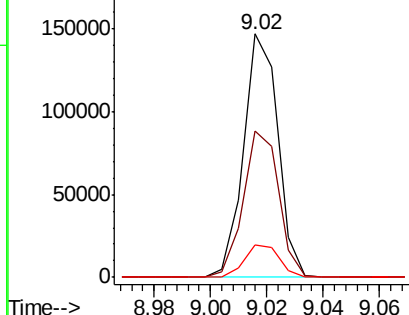
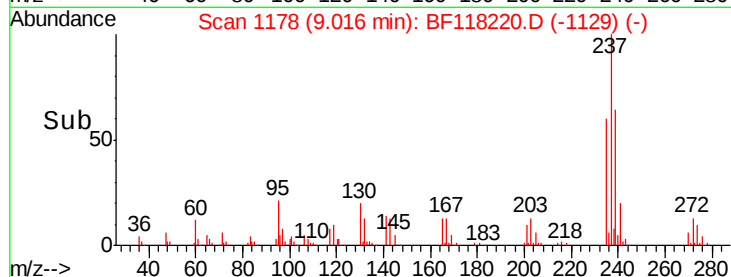
237 100

235 59.9 41.5 81.5

272 13.2 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 95.007 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

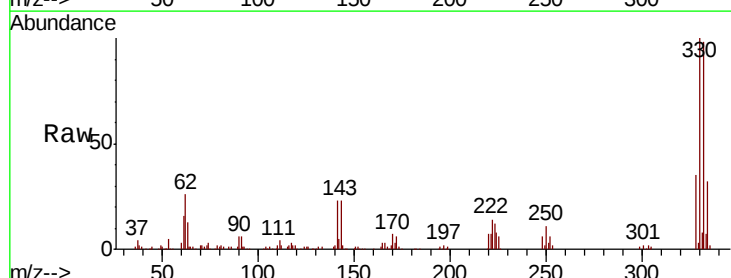
Tgt Ion:330 Resp: 213637

Ion Ratio Lower Upper

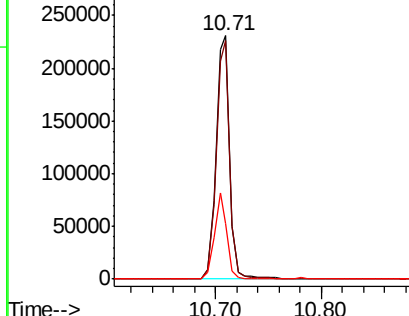
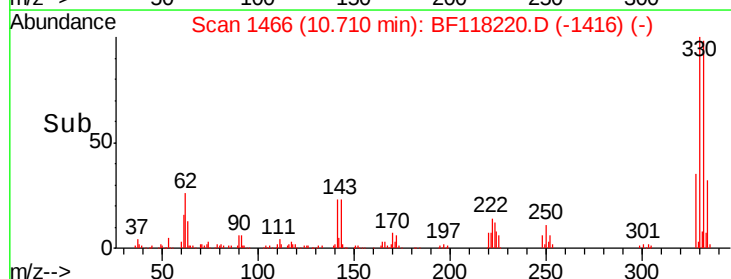
330 100

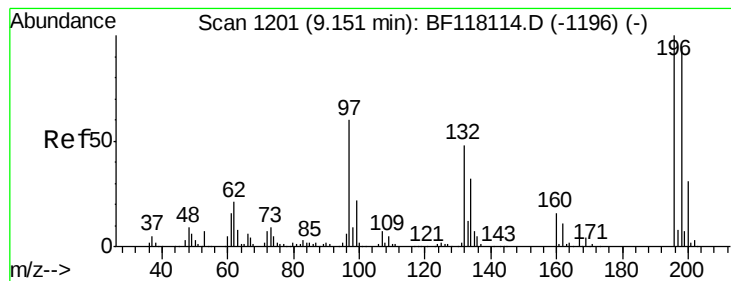
332 95.6 78.1 117.1

141 32.0 26.9 40.3



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: 37.894 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

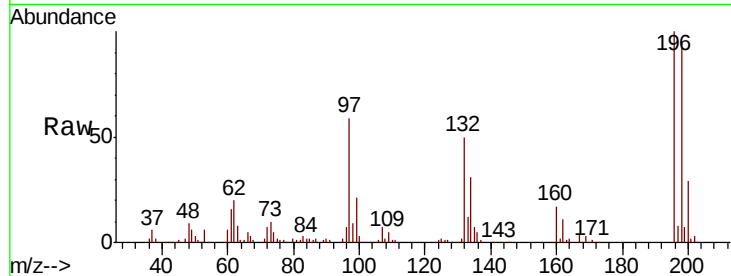
Tot Ion:196 Resp: 141875

Ion Ratio Lower Upper

196 100

198 94.8 75.0 112.4

200 29.3 24.5 36.7

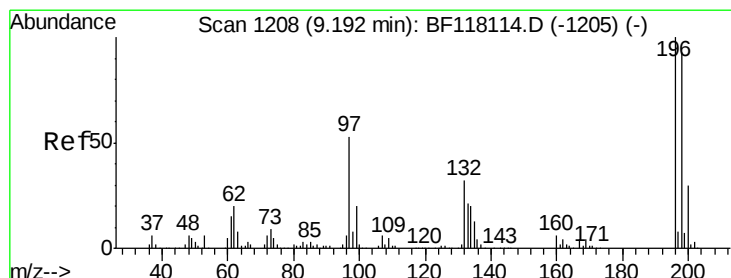
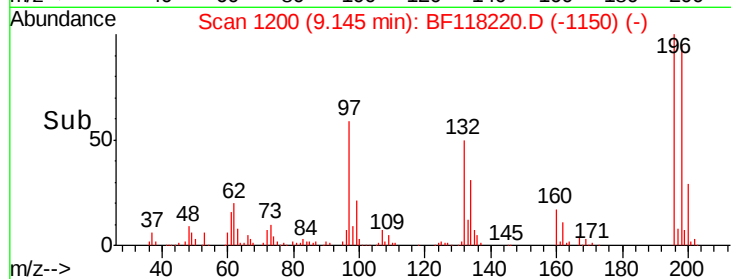
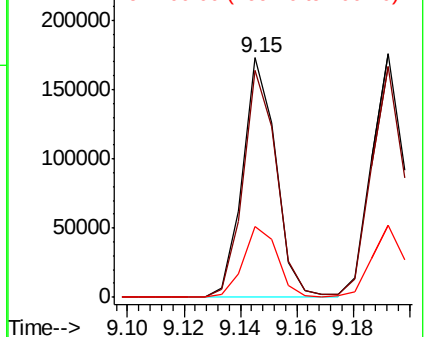


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.152 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Tgt Ion:196 Resp: 151866

Ion Ratio Lower Upper

196 100

198 94.8 74.2 111.4

97 49.0 42.5 63.7

132 29.2 25.4 38.2

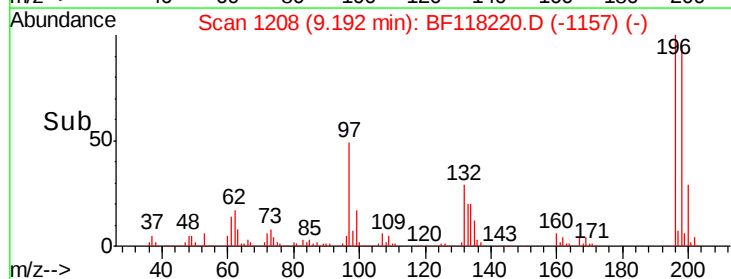
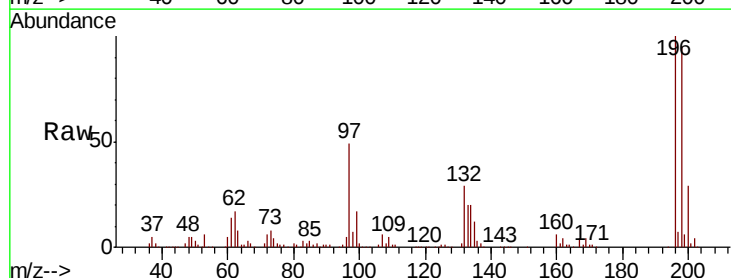
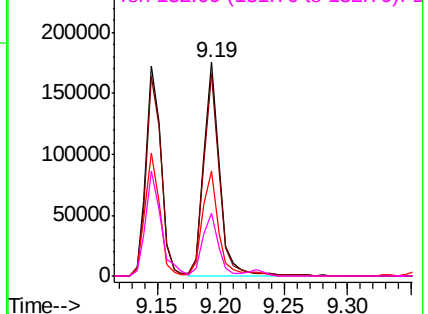
Abundance

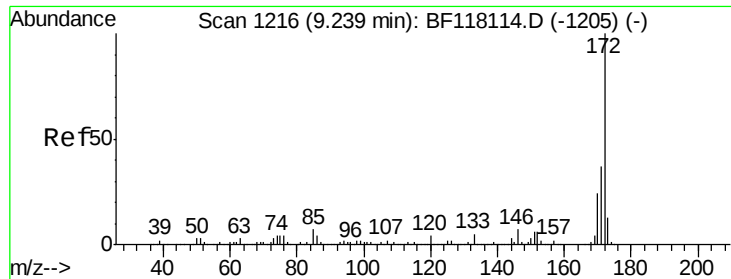
Ion 196.00 (195.70 to 196.70): E

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

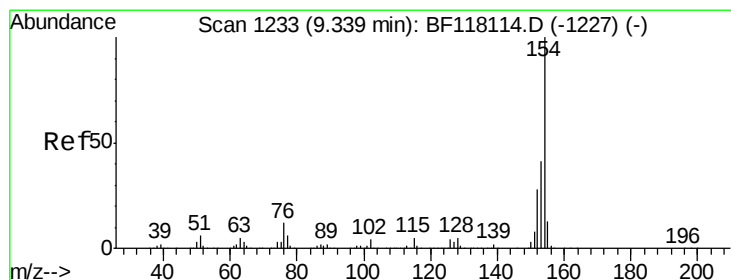
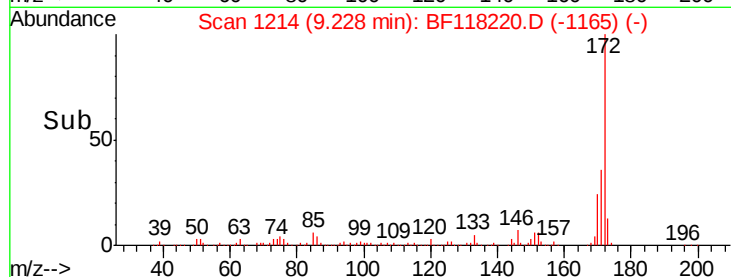
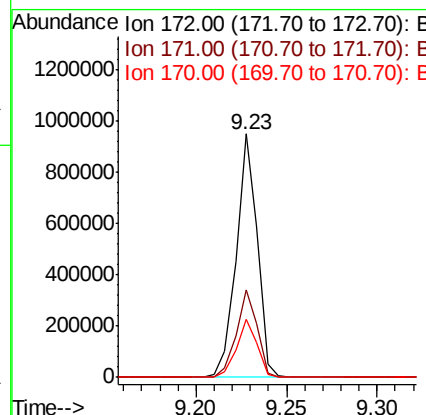
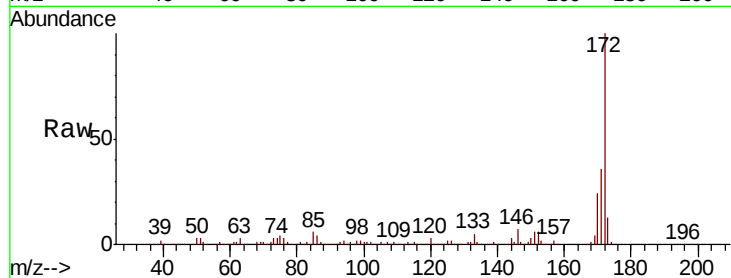




#45
2-Fluorobiphenyl
Concen: 62.641 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

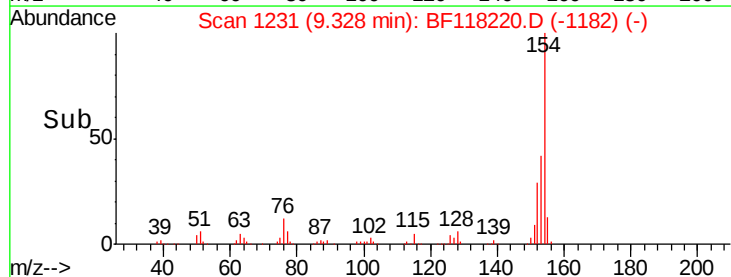
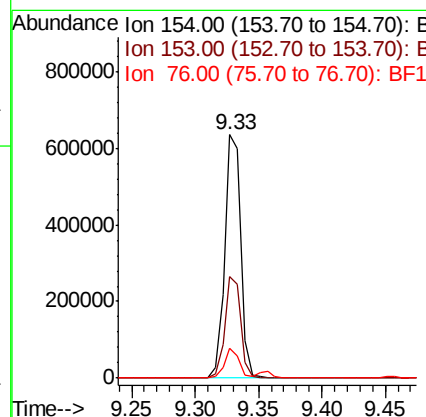
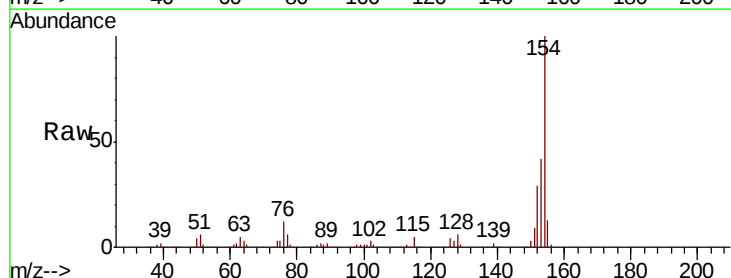
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.0	19.4	29.2



#46
1,1'-Biphenyl
Concen: 38.702 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	12.2	0.0	31.9

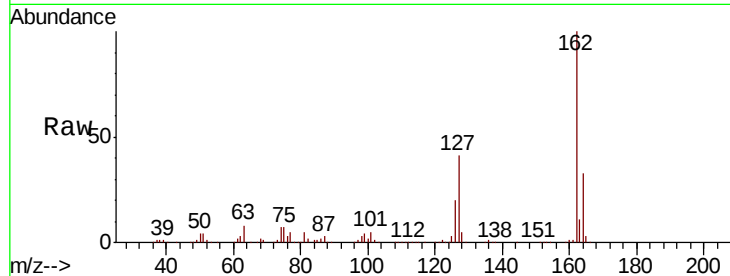




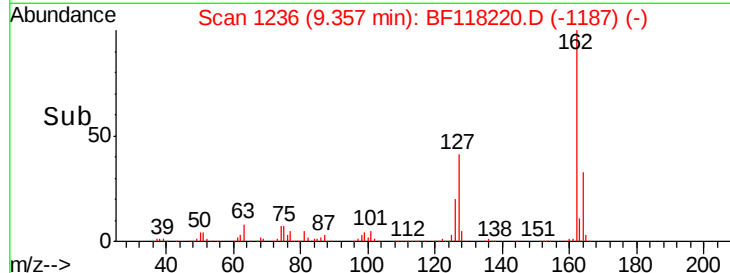
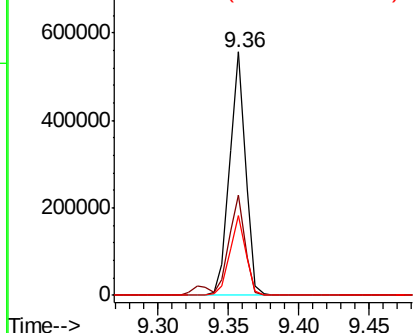
#47
 2-Chloronaphthalene
 Concen: 37.323 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	438296
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.0	48.0
164	33.0	26.1	39.1

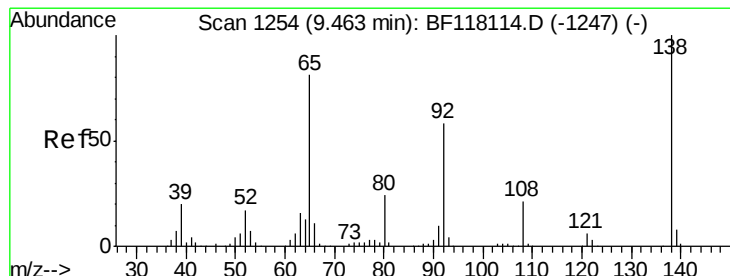


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

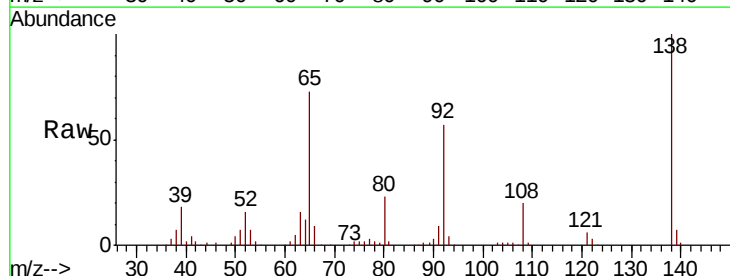
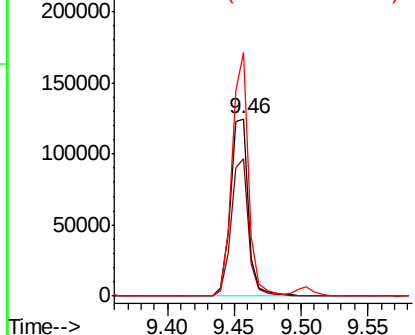


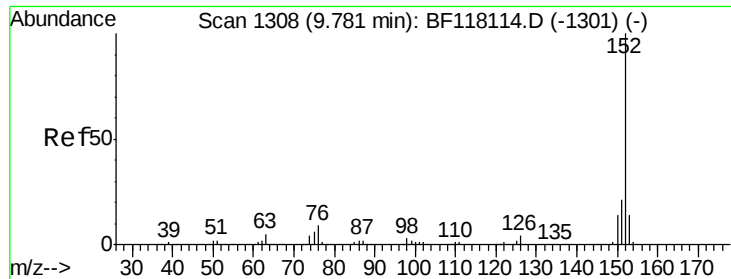
#48
 2-Nitroaniline
 Concen: 35.770 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion:	65	Resp:	119789
Ion	Ratio	Lower	Upper
65	100		
92	77.6	57.8	86.6
138	137.2	98.8	148.2



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: 40.986 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

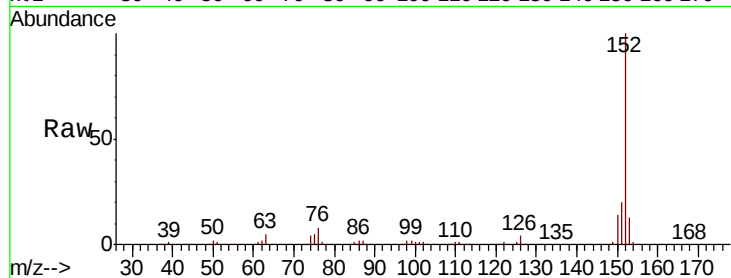
Tot Ion:152 Resp: 709901

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

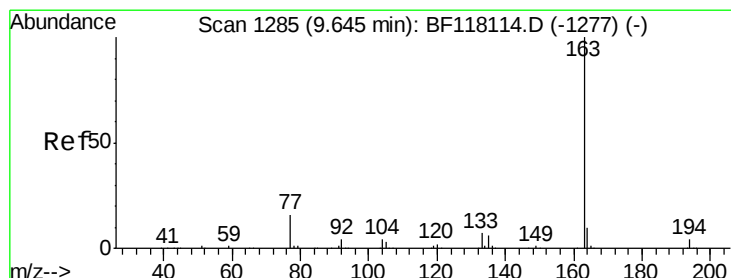
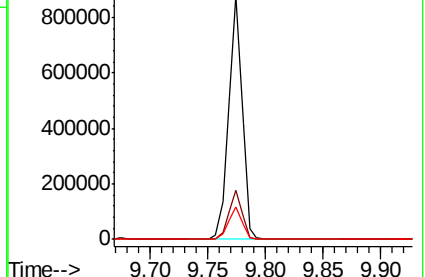
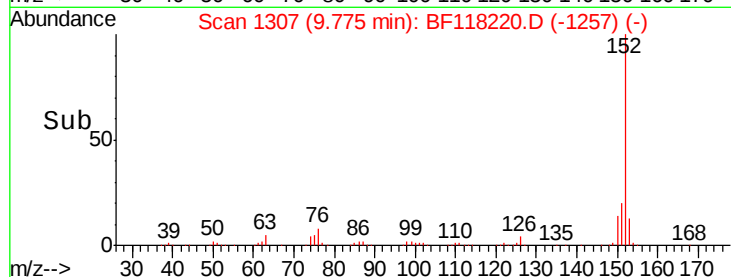
153 13.1 10.8 16.2



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: 39.564 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

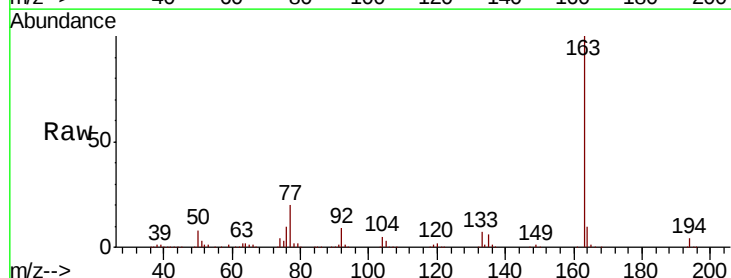
Tgt Ion:163 Resp: 540932

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

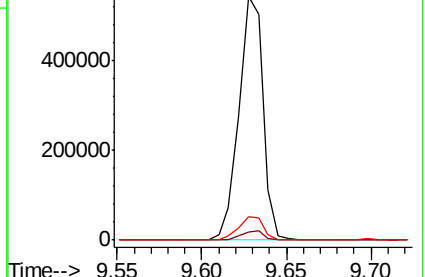
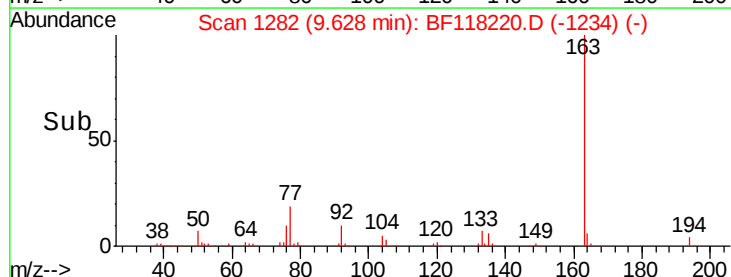
164 9.7 7.7 11.5

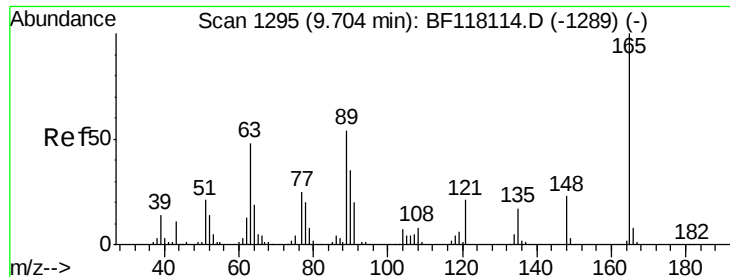


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.672 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

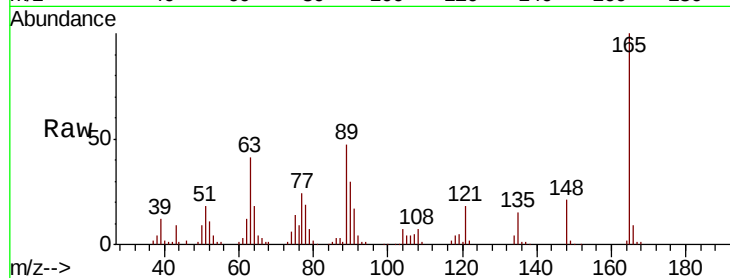
Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 117945

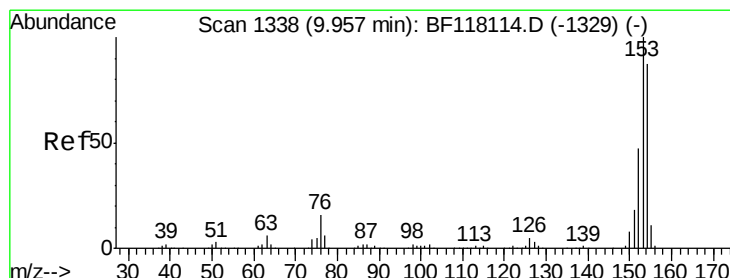
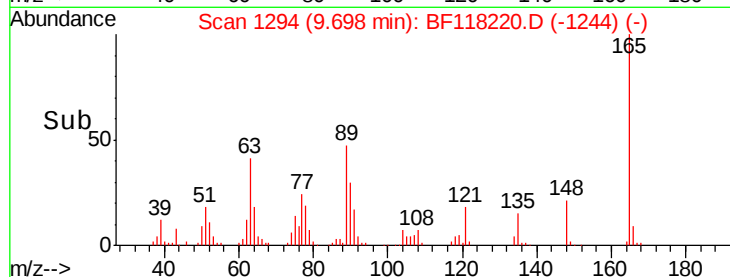
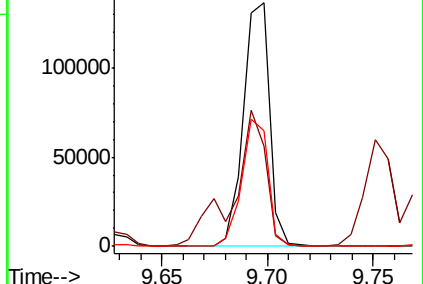
Ion	Ratio	Lower	Upper
165	100		
63	41.2	41.4	62.0#
89	47.4	42.9	64.3



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: 38.168 ng

RT: 9.95 min Scan# 1336

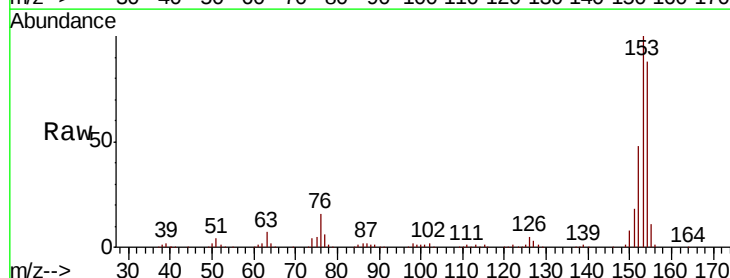
Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Tgt Ion:154 Resp: 403508

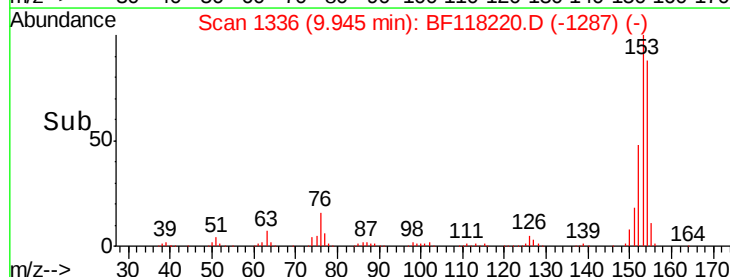
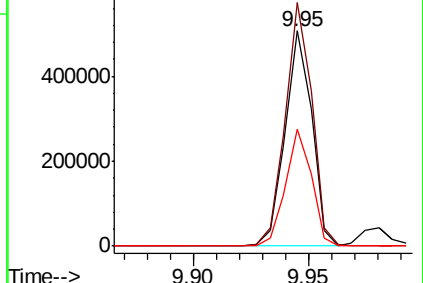
Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.8	137.6
152	54.6	43.3	64.9

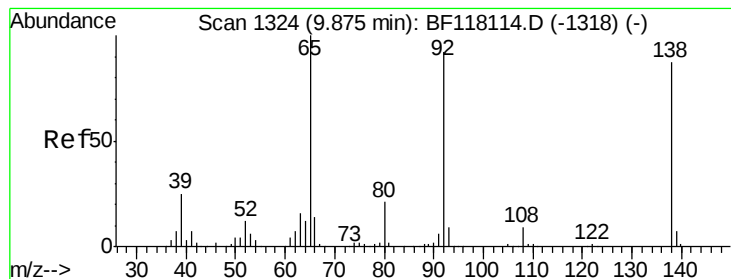


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.287 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

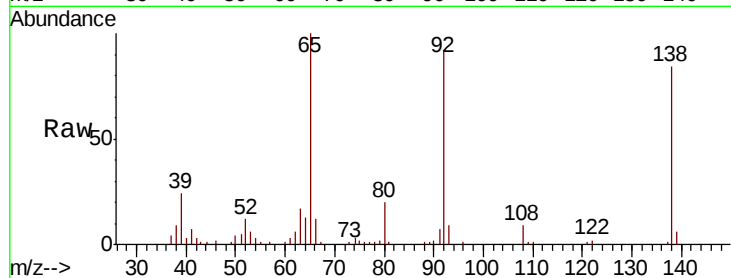
Tot Ion:138 Resp: 49985

Ion Ratio Lower Upper

138 100

108 10.8 8.2 12.4

92 109.2 84.9 127.3

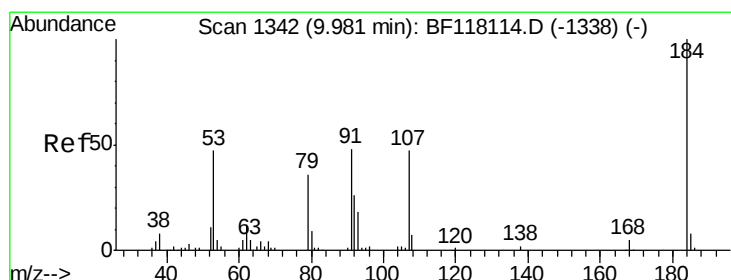
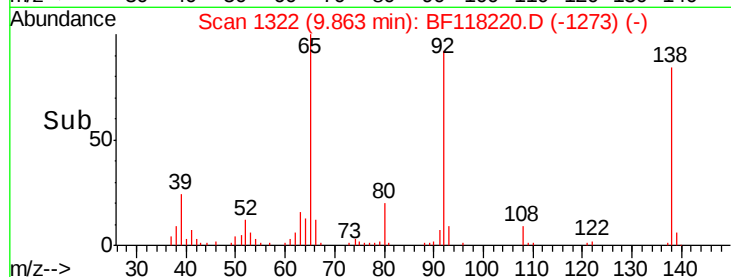
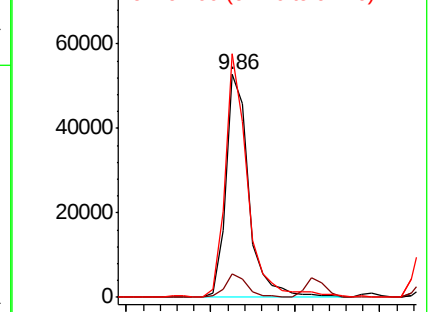


Abundance

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: 41.489 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

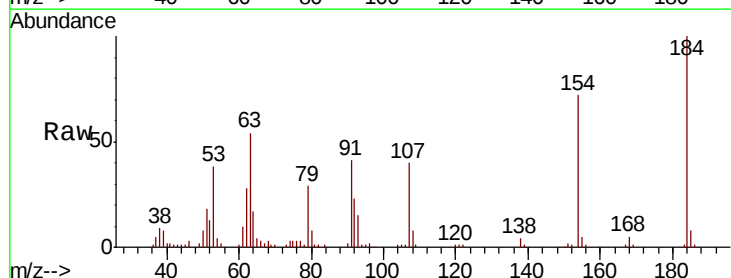
Tgt Ion:184 Resp: 61366

Ion Ratio Lower Upper

184 100

63 53.9 53.9 80.9

154 72.1 56.3 84.5

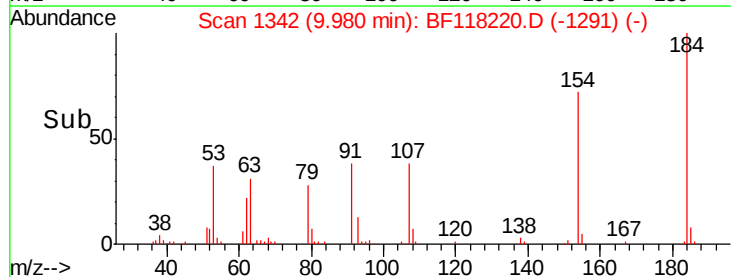
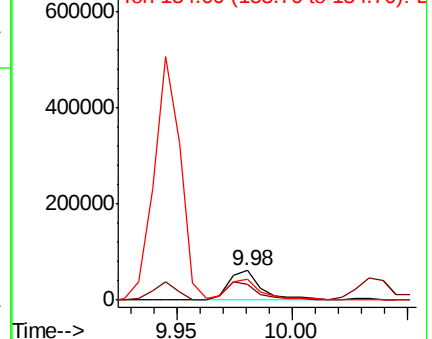


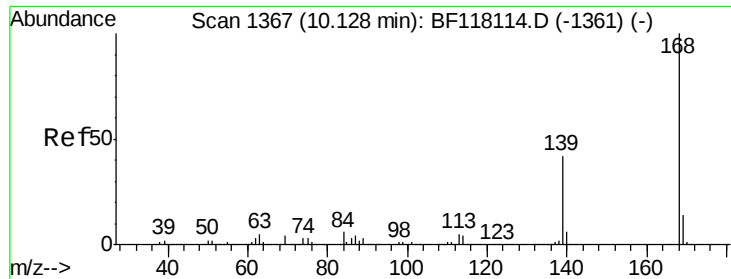
Abundance

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: 40.031 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

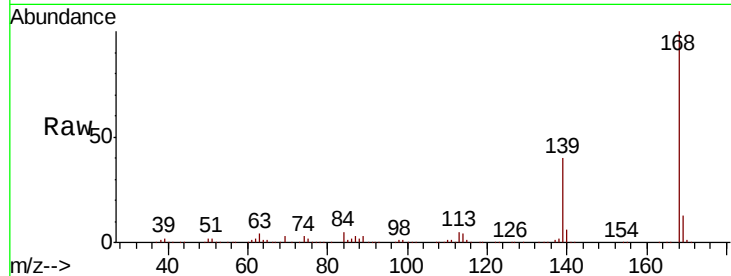
Tot Ion:168 Resp: 620108

Ion Ratio Lower Upper

168 100

139 39.8 33.4 50.0

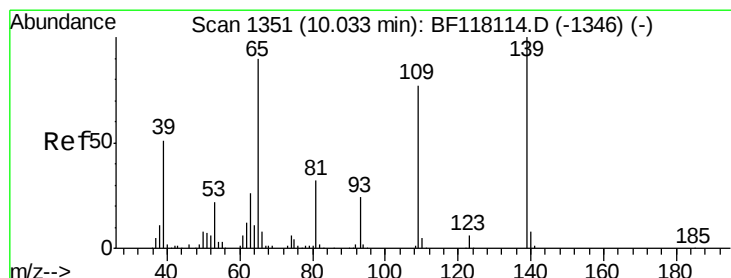
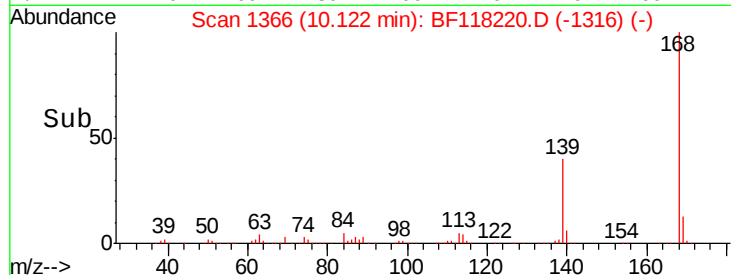
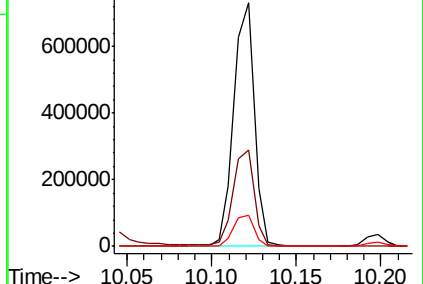
169 13.0 11.0 16.6



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: 72.860 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

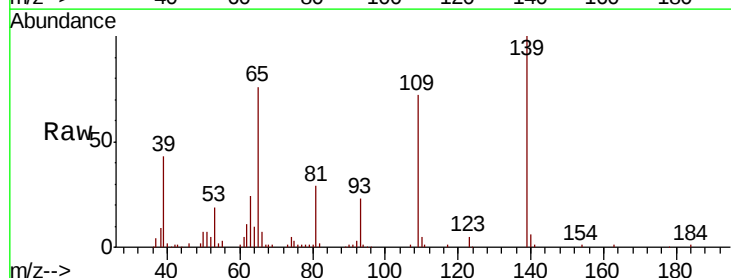
Tgt Ion:139 Resp: 176910

Ion Ratio Lower Upper

139 100

109 72.4 57.3 97.3

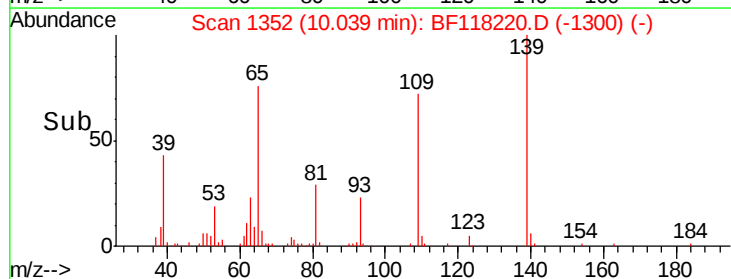
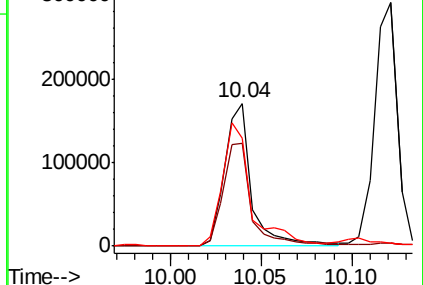
65 75.9 70.2 110.2

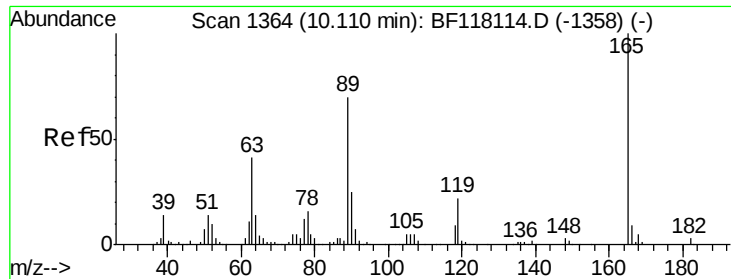


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

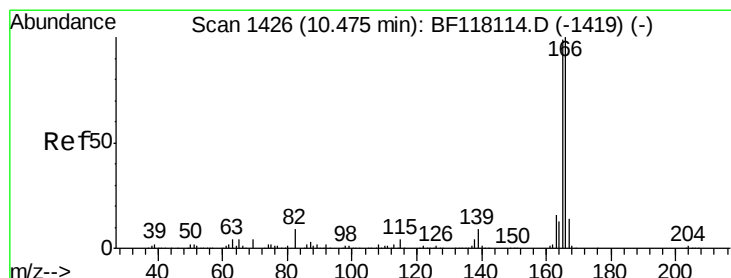
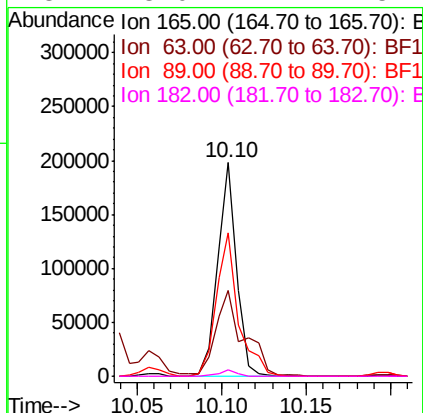
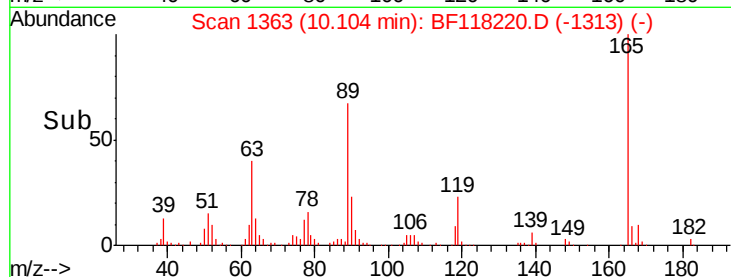
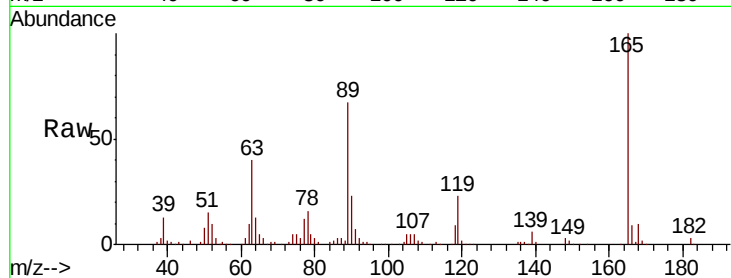




#57
 2,4-Dinitrotoluene
 Concen: 39.285 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

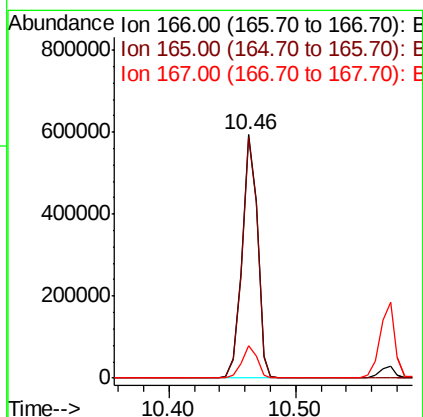
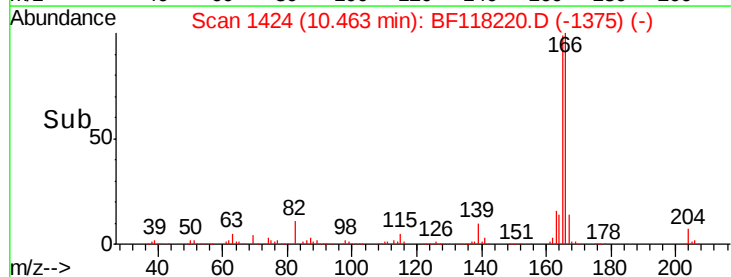
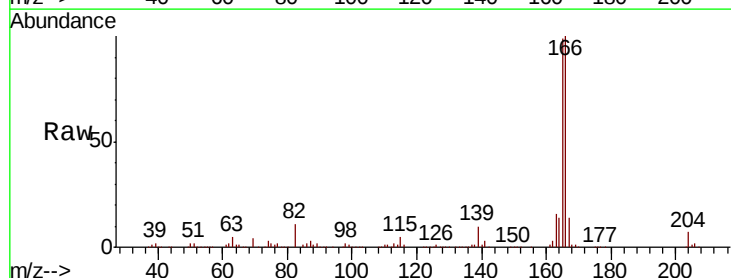
Instrument :
 BNA_F
 ClientSampleId :

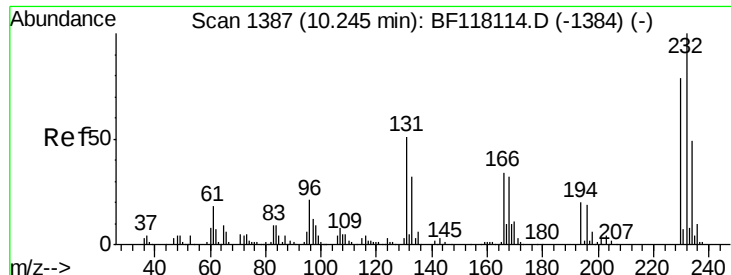
Tot Ion:165	Resp:	155887
Ion Ratio	Lower	Upper
165	100	
63	39.9	32.6 49.0
89	67.3	56.1 84.1
182	3.0	2.1 3.1



#58
 Fluorene
 Concen: 40.058 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion:166	Resp:	493136
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.0 118.4
167	13.5	10.9 16.3

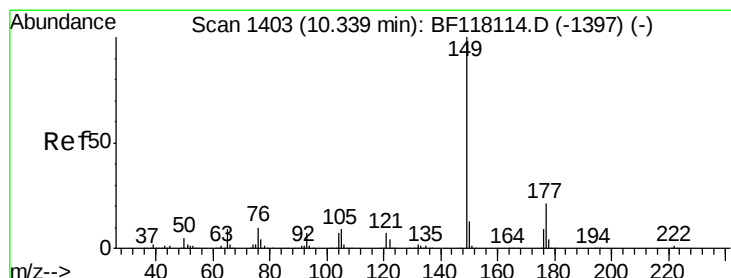
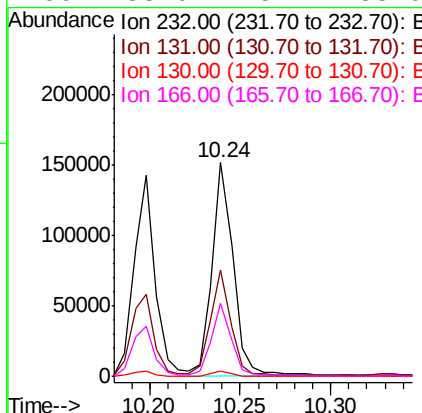
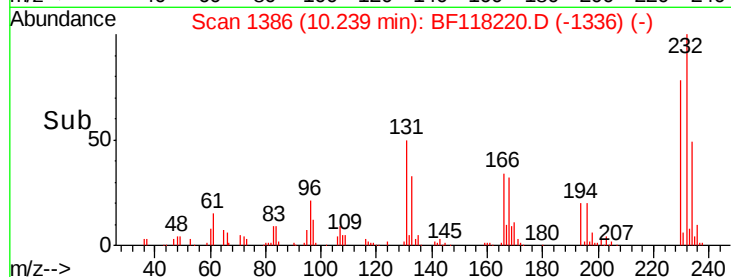
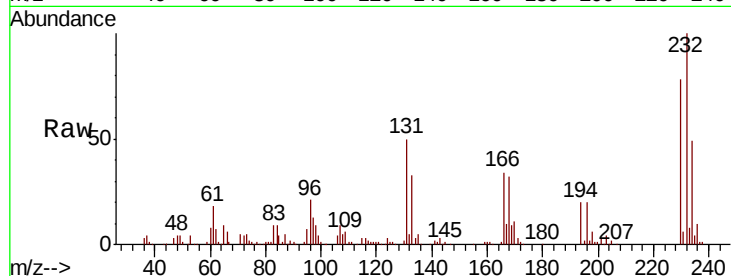




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.277 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

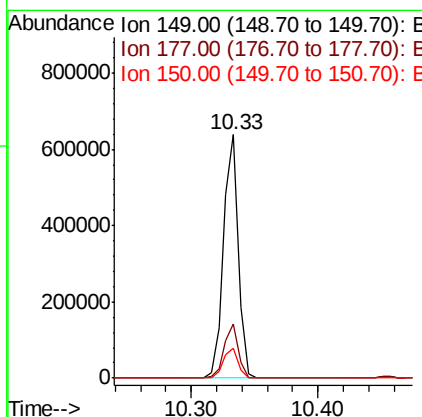
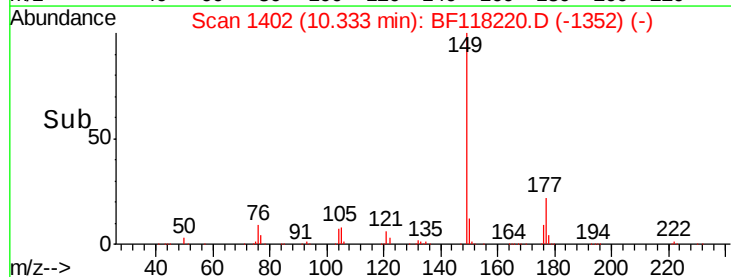
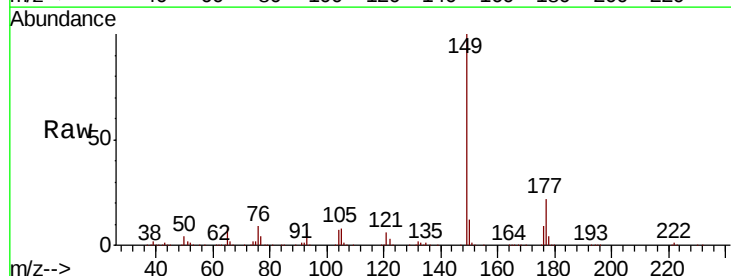
Instrument :
 BNA_F
 ClientSampled :

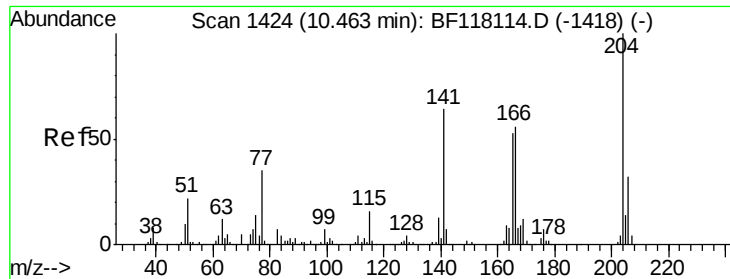
Tot Ion:	232	Resp:	122493
Ion	Ratio	Lower	Upper
232	100		
131	49.3	38.8	58.2
130	2.2	1.9	2.9
166	33.0	25.4	38.0



#60
 Diethylphthalate
 Concen: 38.546 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion:	149	Resp:	519245
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.4
150	12.3	10.1	15.1

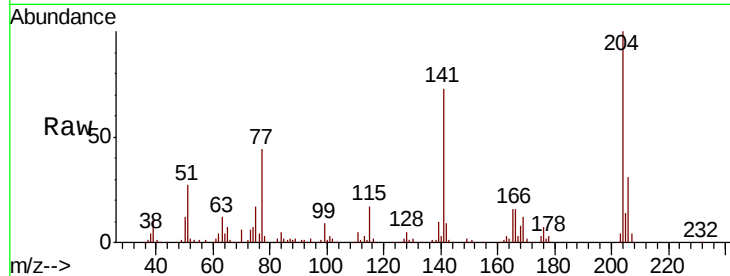




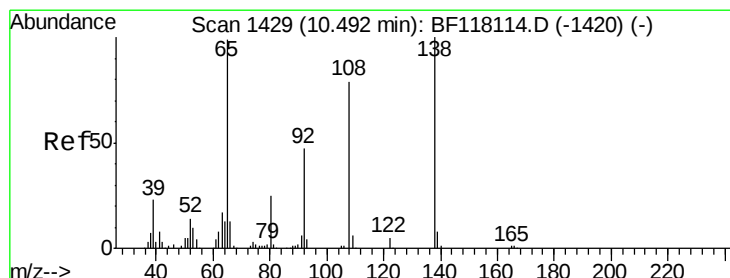
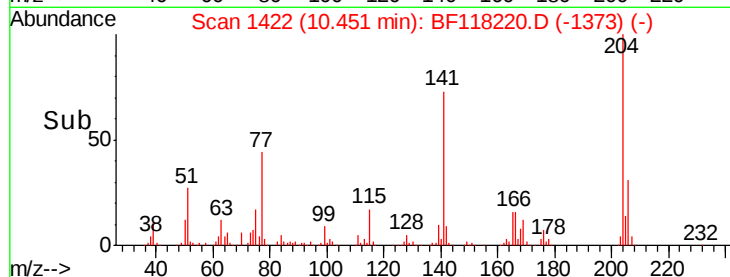
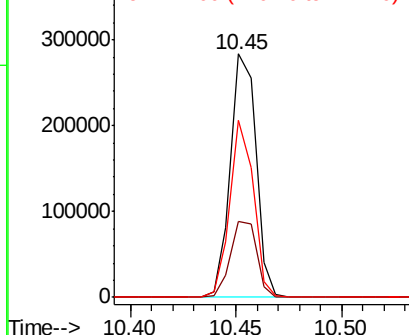
#61
 4-Chlorophenyl-phenylether
 Concen: 38.387 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 237773
 Ion Ratio Lower Upper
 204 100
 206 31.4 26.0 39.0
 141 72.6 51.0 76.6

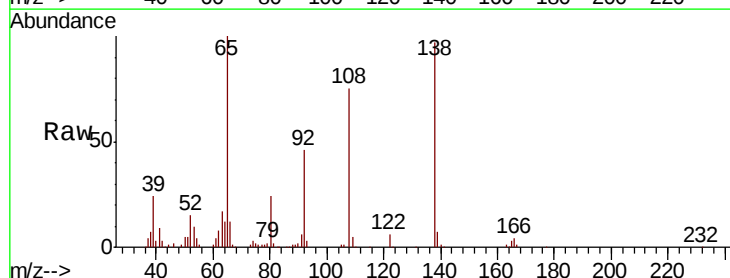


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

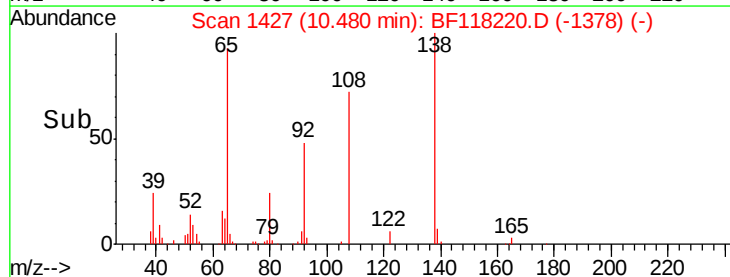
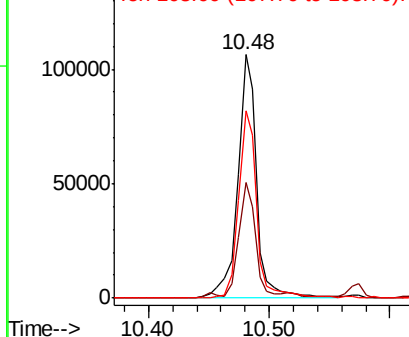


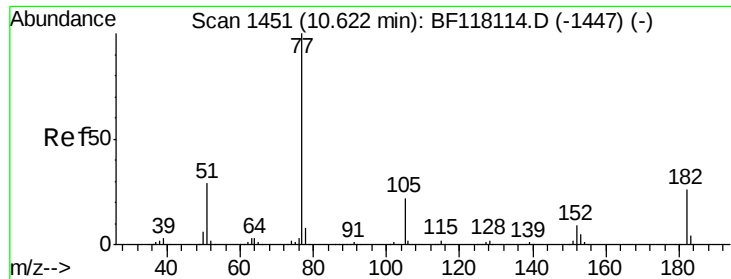
#62
 4-Nitroaniline
 Concen: 31.718 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion:138 Resp: 115740
 Ion Ratio Lower Upper
 138 100
 92 47.7 27.1 67.1
 108 76.7 59.0 99.0



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

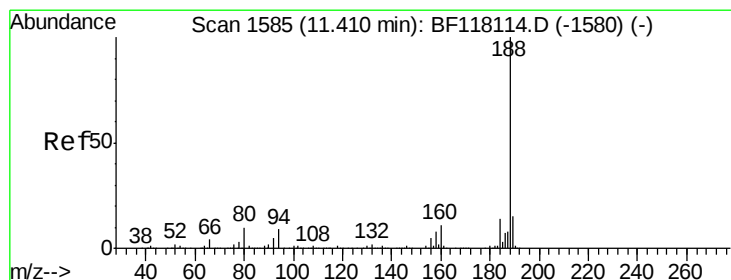
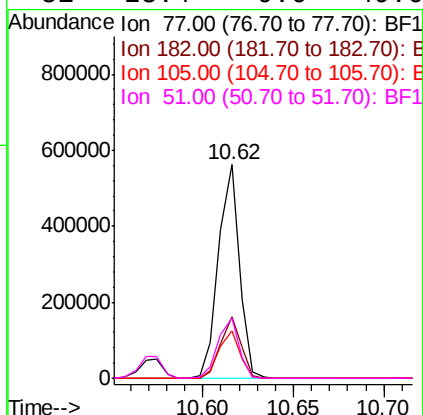
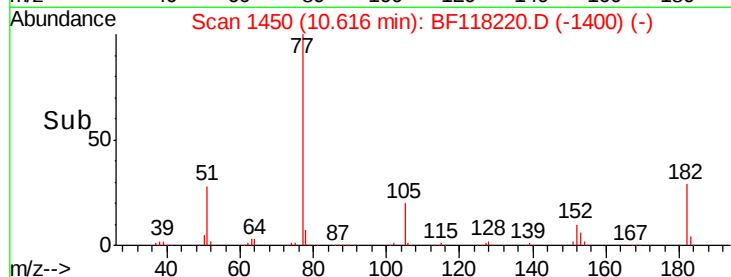
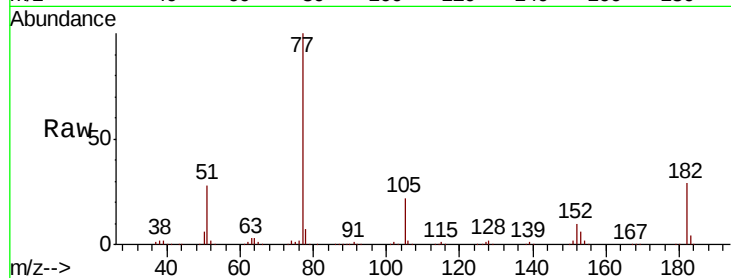




#63
Azobenzene
Concen: 39.283 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

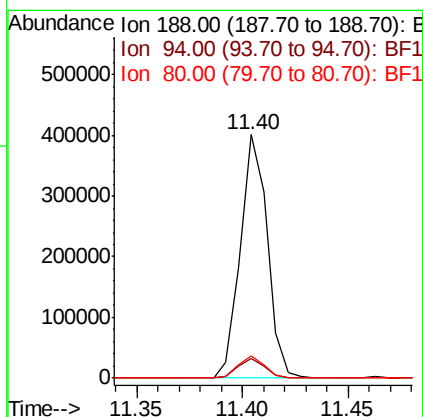
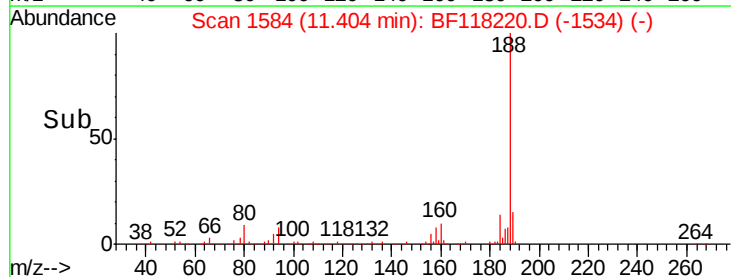
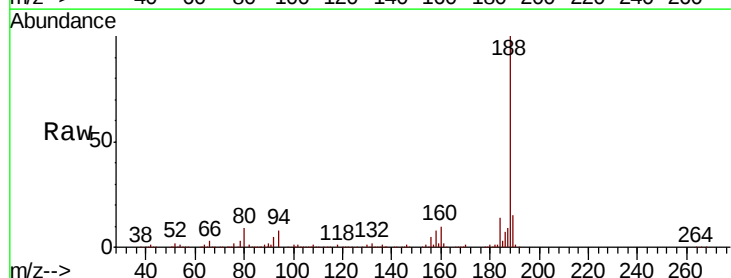
Instrument :
BNA_F
ClientSampleId :

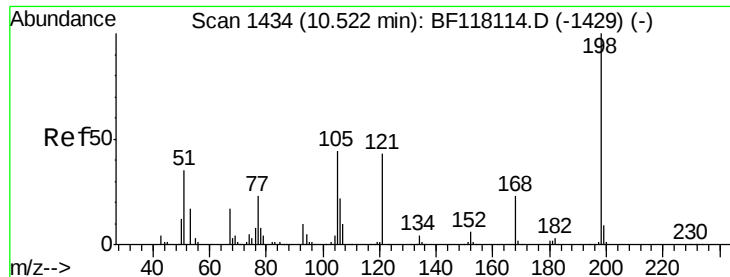
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	5.7	45.7
105	22.4	2.2	42.2
51	28.4	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.2	7.9	11.9

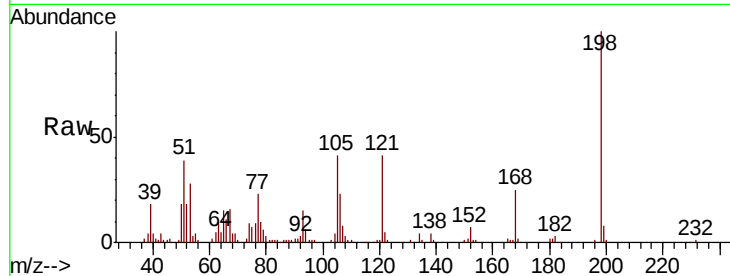




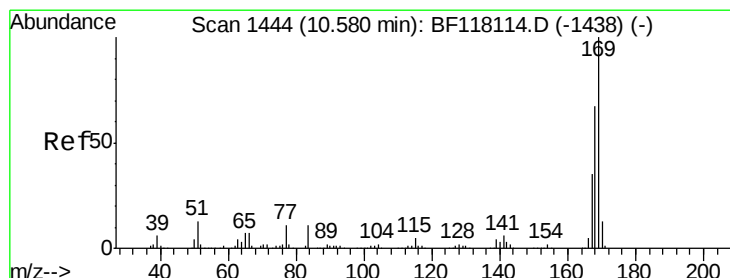
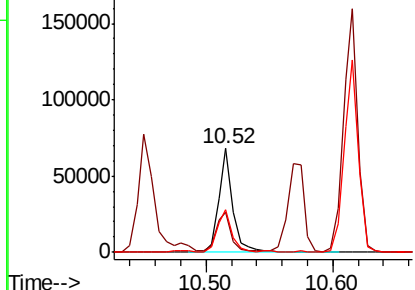
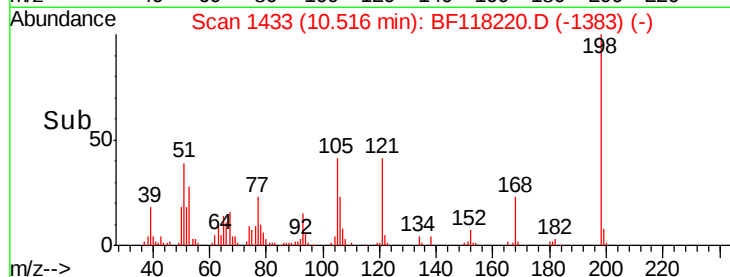
#65
4,6-Dinitro-2-methylphenol
Concen: 27.360 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 53594
Ion Ratio Lower Upper
198 100
51 38.6 22.0 62.0
105 40.9 25.6 65.6

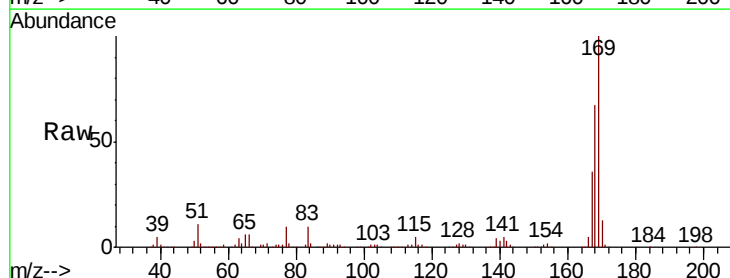


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

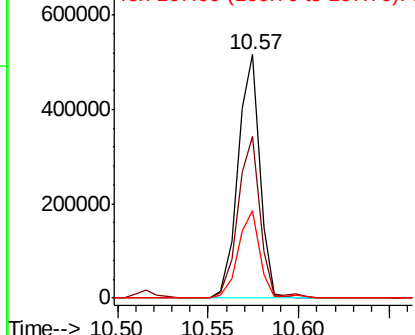
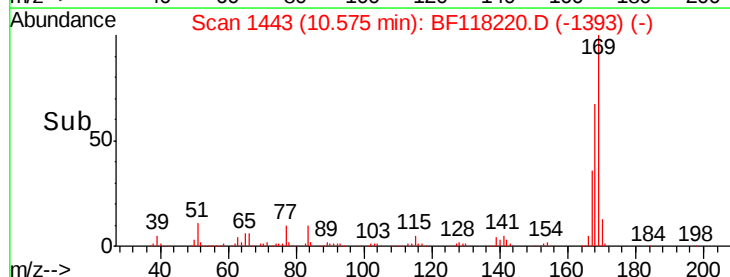


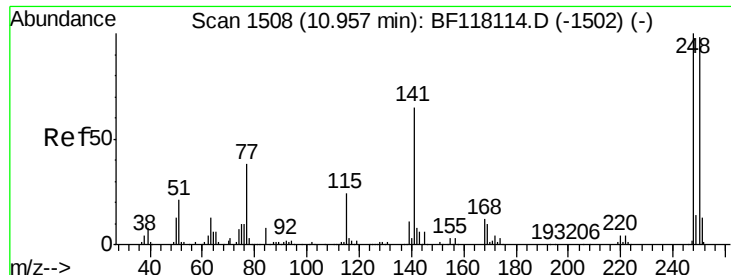
#66
n-Nitrosodiphenylamine
Concen: 39.013 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:169 Resp: 432130
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.7 28.4 42.6



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

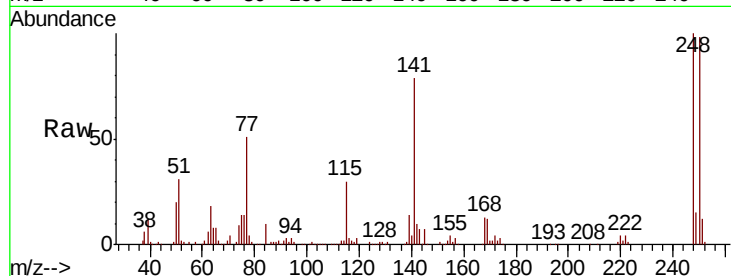




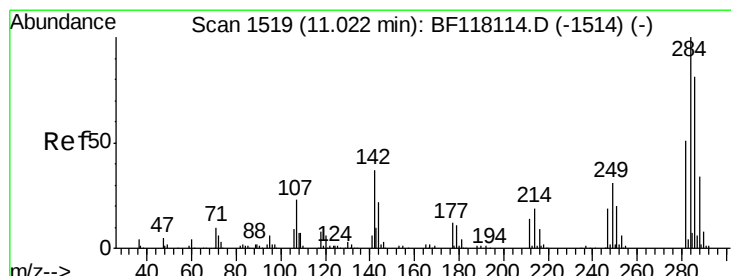
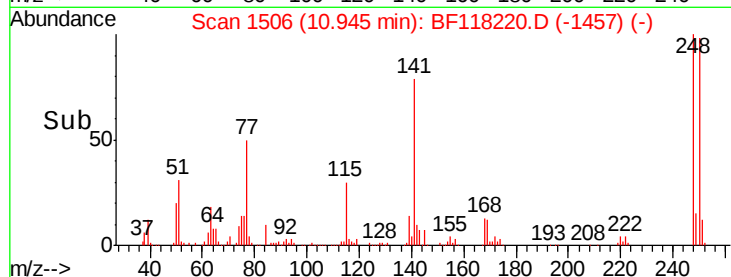
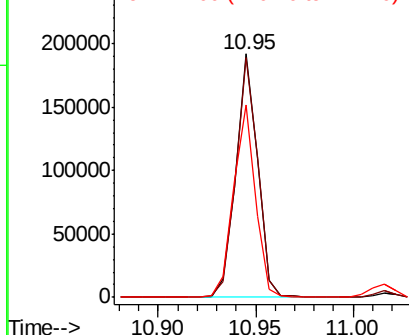
#67
 4-Bromophenyl-phenylether
 Concen: 36.654 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 148412
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.3 117.5
 141 78.8 52.2 78.4#

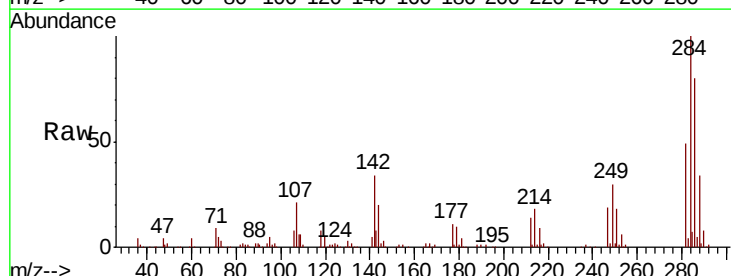


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

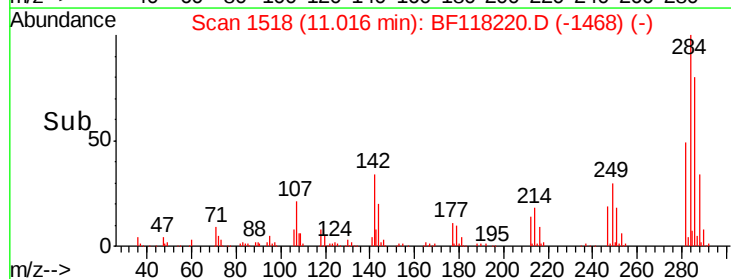
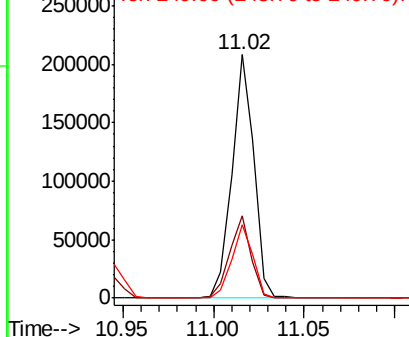


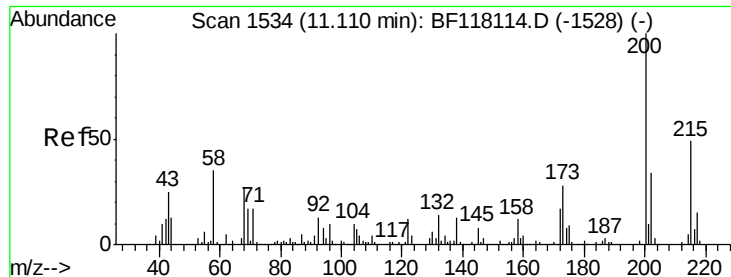
#68
 Hexachlorobenzene
 Concen: 36.651 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118220.D
 Acq: 17 Dec 2019 2:18

Tgt Ion:284 Resp: 174669
 Ion Ratio Lower Upper
 284 100
 142 33.7 29.7 44.5
 249 29.9 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

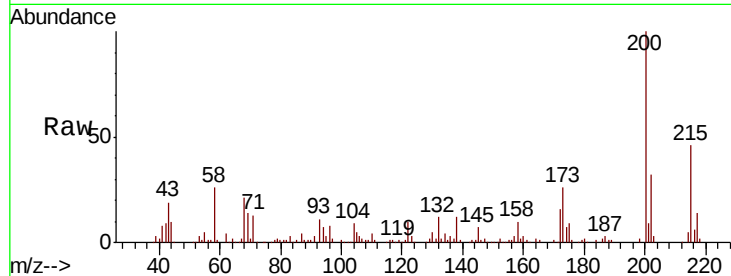




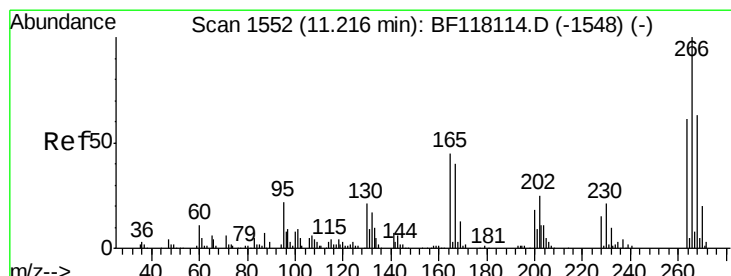
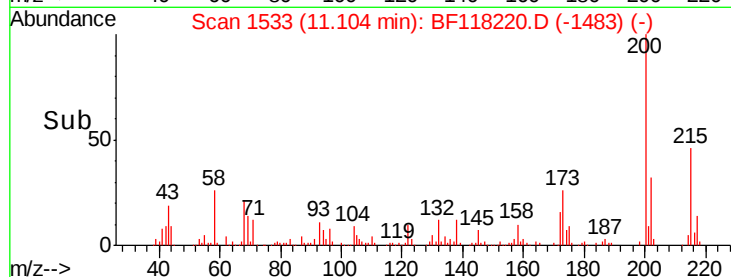
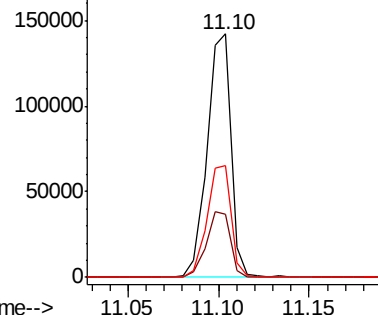
#69
Atrazine
Concen: 43.547 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	8.1	48.1
215	46.0	29.0	69.0

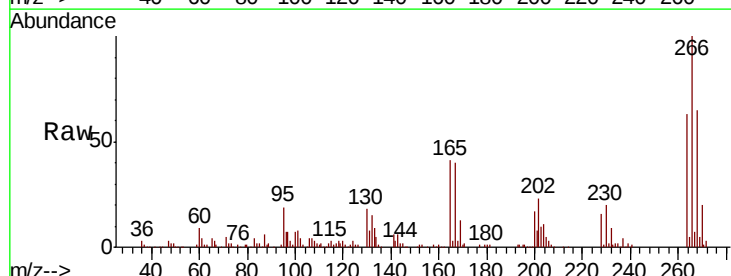


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

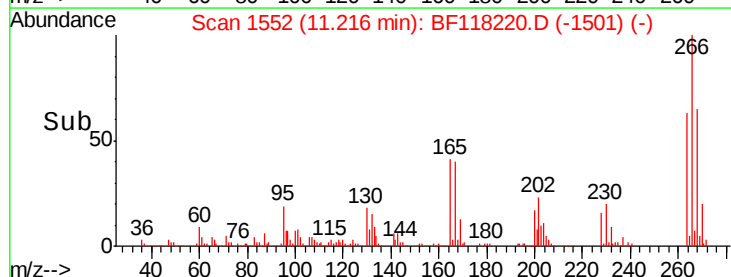
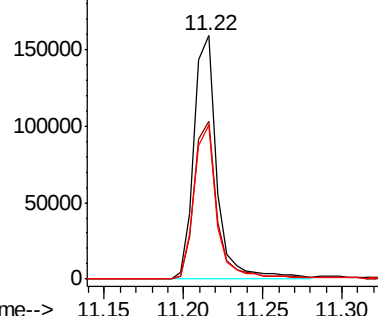


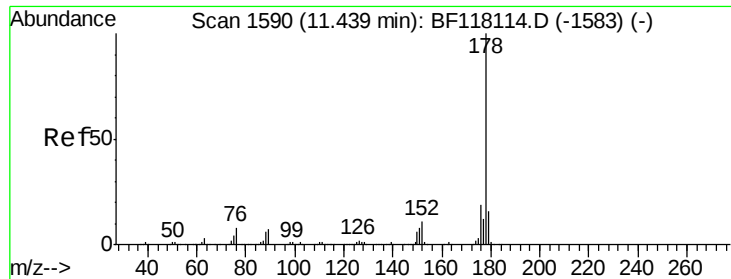
#70
Pentachlorophenol
Concen: 71.878 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.7	76.1
264	63.0	48.7	73.1



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

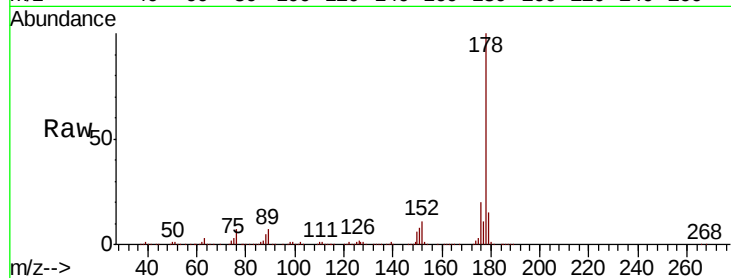




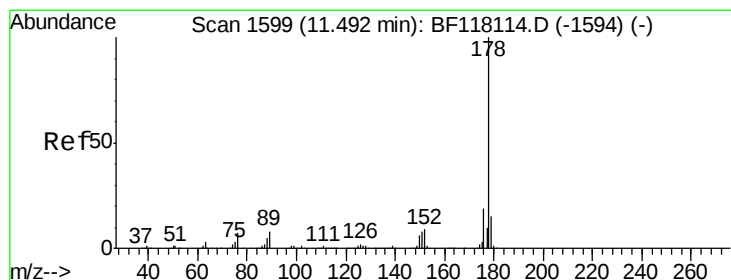
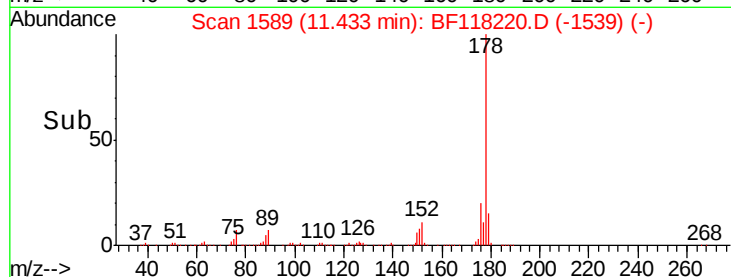
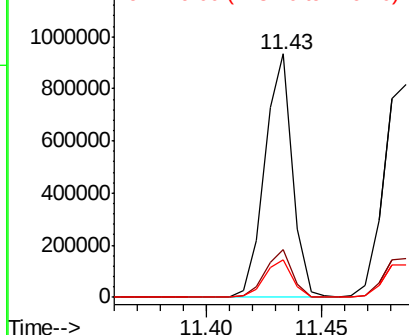
#71
Phenanthrene
Concen: 41.175 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 776378
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.6 18.8

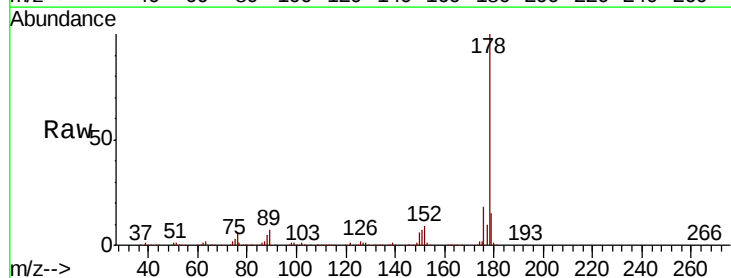


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

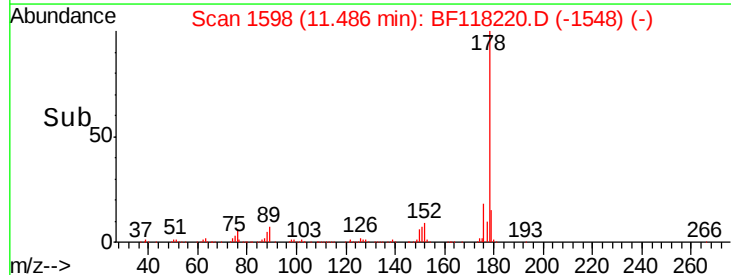
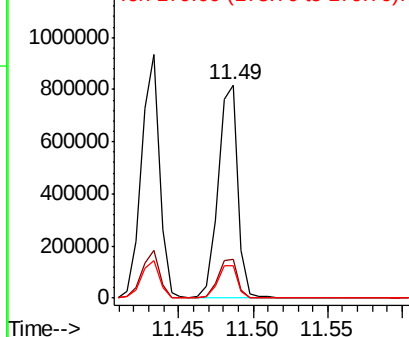


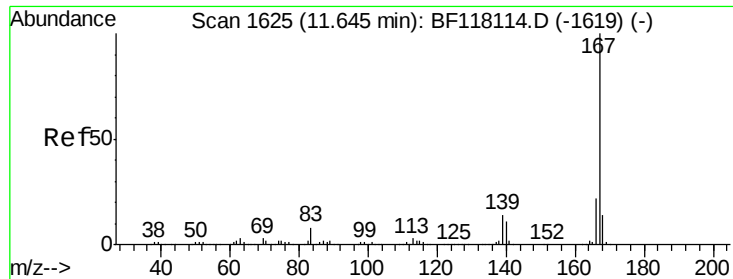
#72
Anthracene
Concen: 40.280 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:178 Resp: 757648
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.4 12.2 18.4



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: 39.291 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

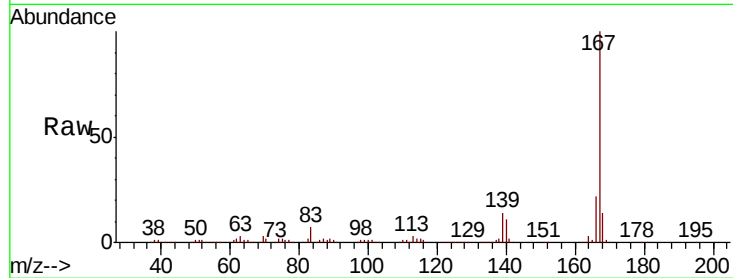
Tot Ion:167 Resp: 663099

Ion Ratio Lower Upper

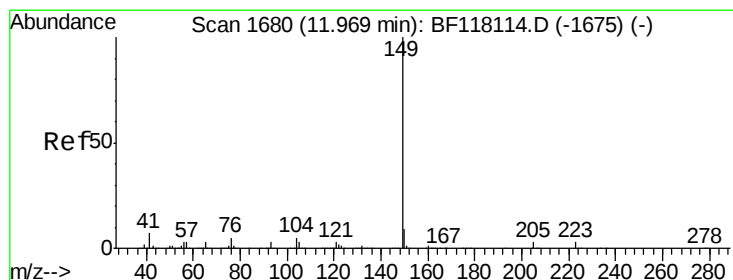
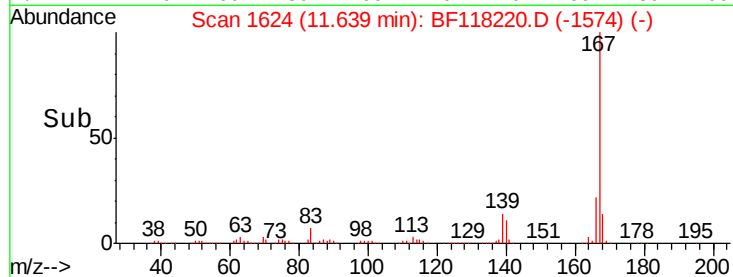
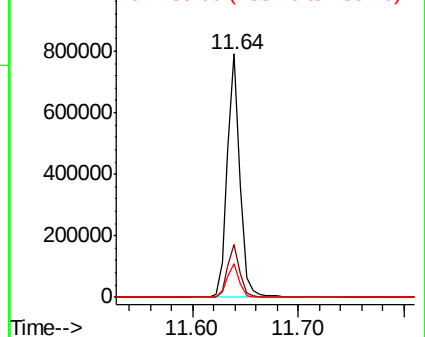
167 100

166 21.7 17.4 26.2

139 13.8 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.904 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

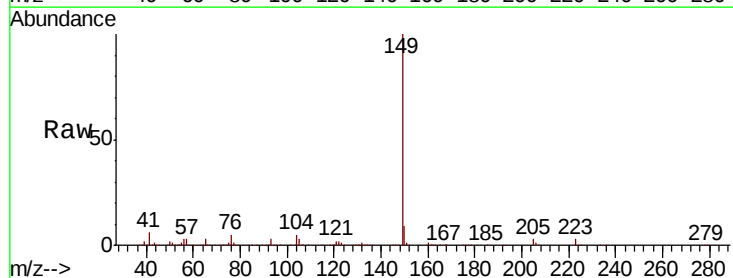
Tgt Ion:149 Resp: 821687

Ion Ratio Lower Upper

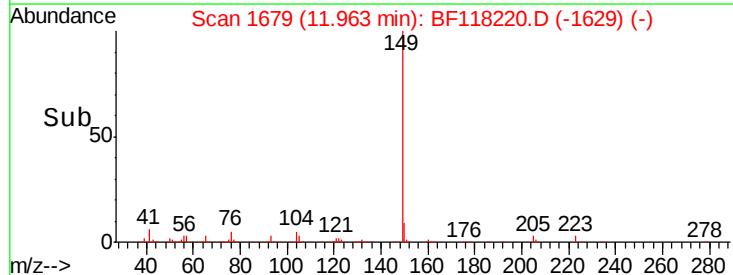
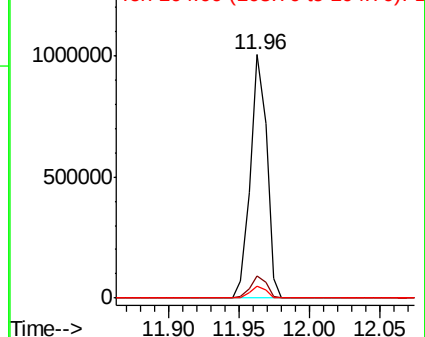
149 100

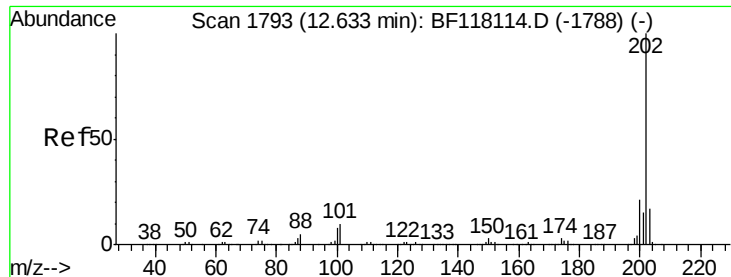
150 9.3 7.4 11.2

104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

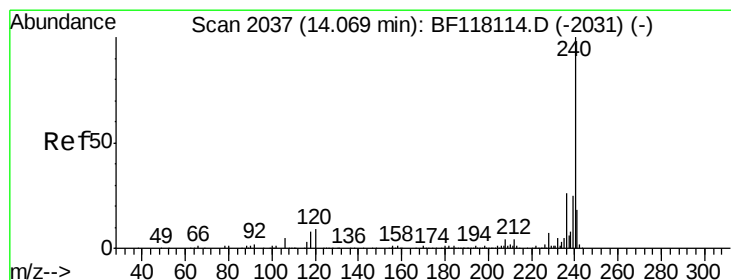
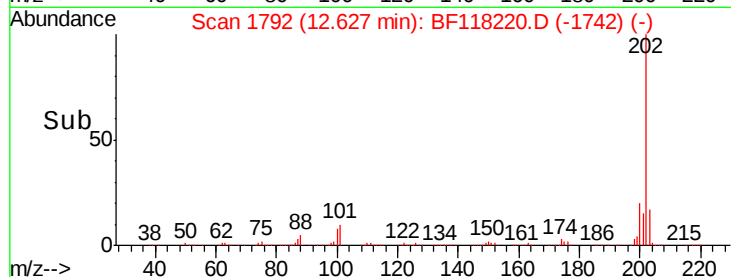
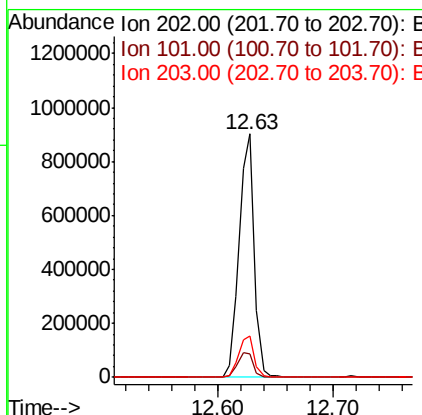
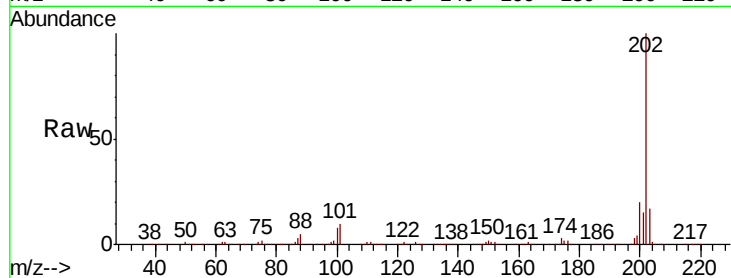




#75
Fluoranthene
Concen: 42.480 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

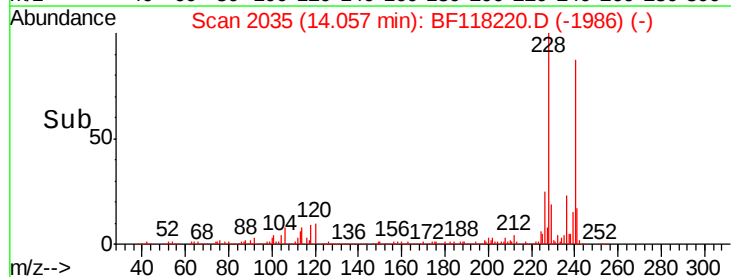
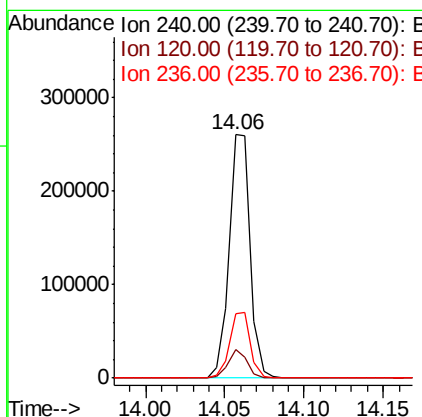
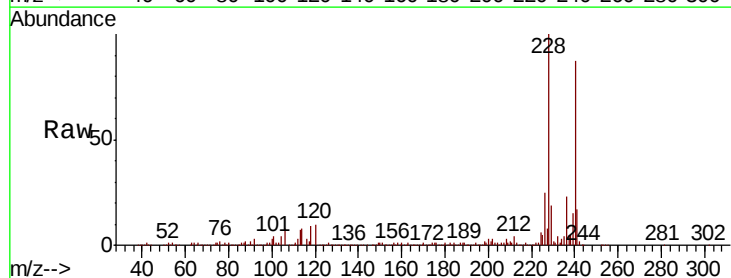
Instrument :
BNA_F
ClientSampleId :

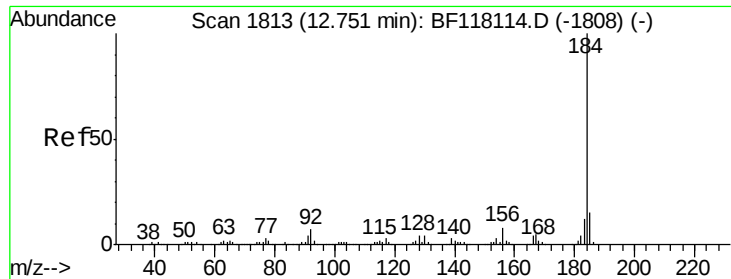
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.4
203	17.1	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	26.6	21.0	31.6





#77

Benzidine

Concen: 33.829 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

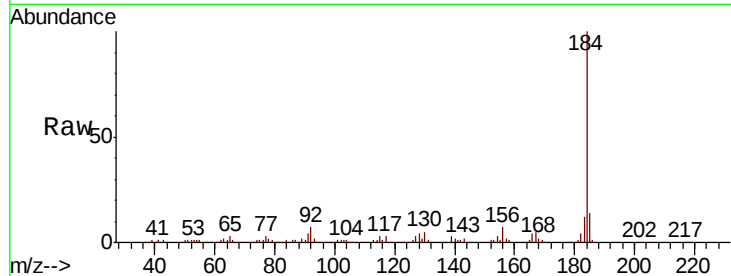
Tot Ion:184 Resp: 214068

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

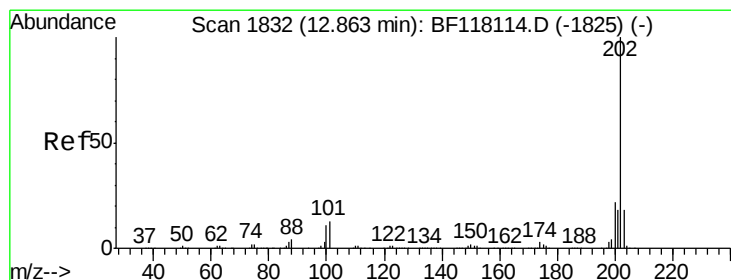
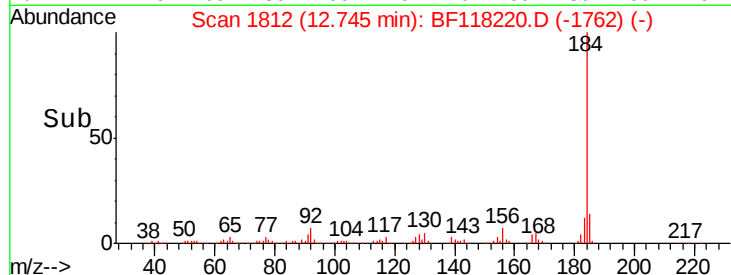
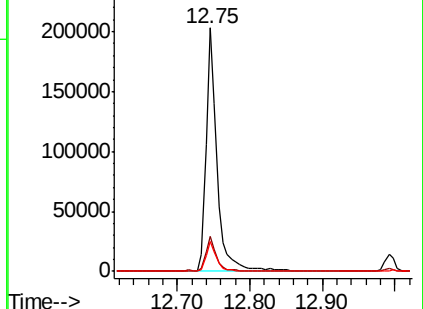
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.805 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

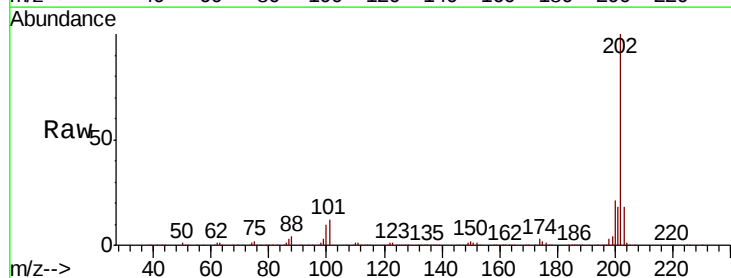
Tgt Ion:202 Resp: 829787

Ion Ratio Lower Upper

202 100

200 20.9 17.5 26.3

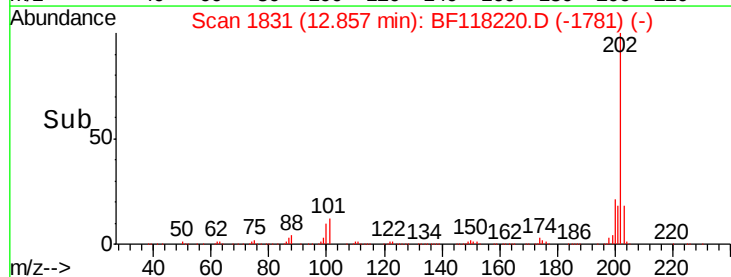
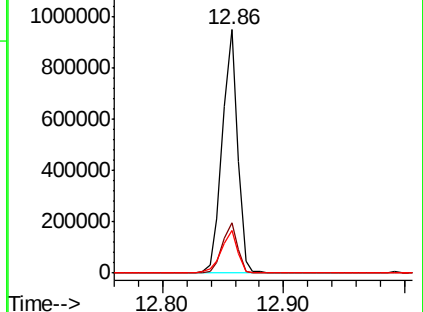
203 17.8 14.6 21.8

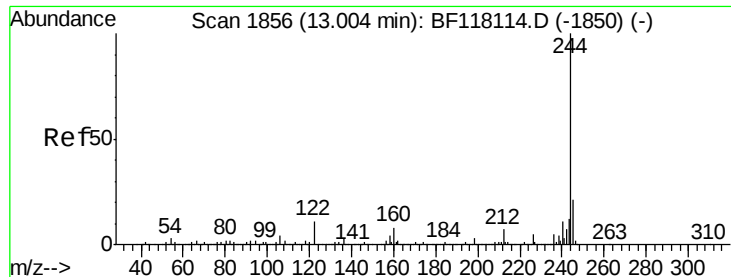


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.926 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

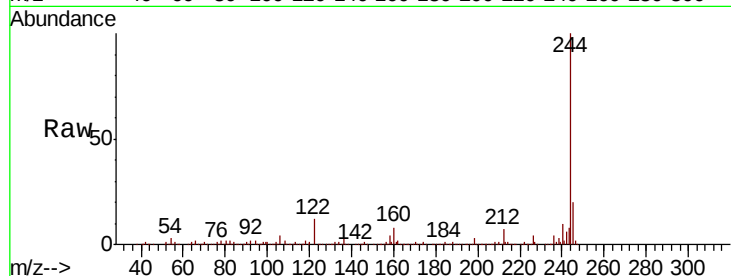
Tot Ion:244 Resp: 879598

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

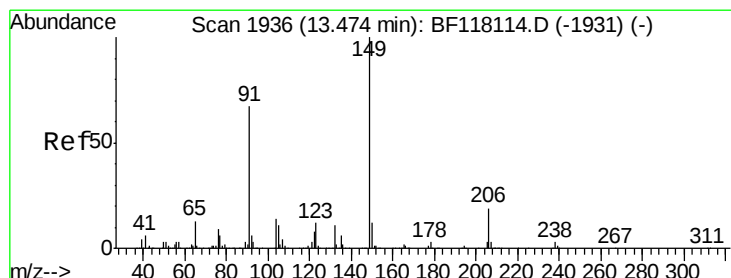
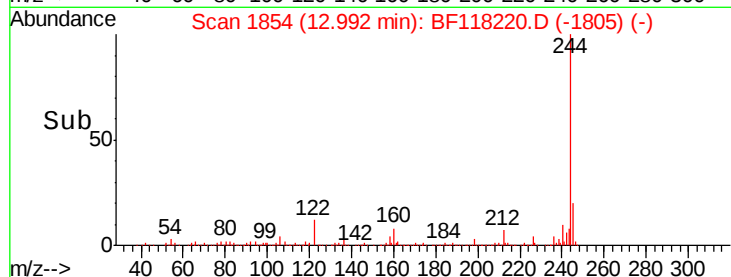
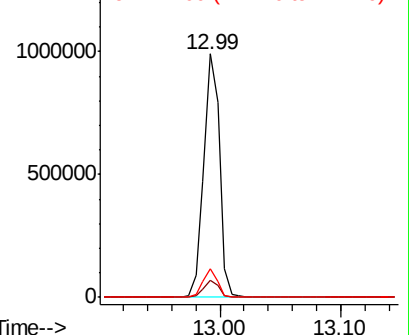
122 11.6 9.0 13.6



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: 38.635 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

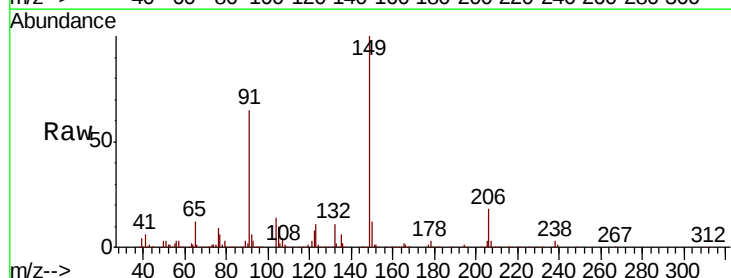
Tgt Ion:149 Resp: 331441

Ion Ratio Lower Upper

149 100

91 65.4 53.9 80.9

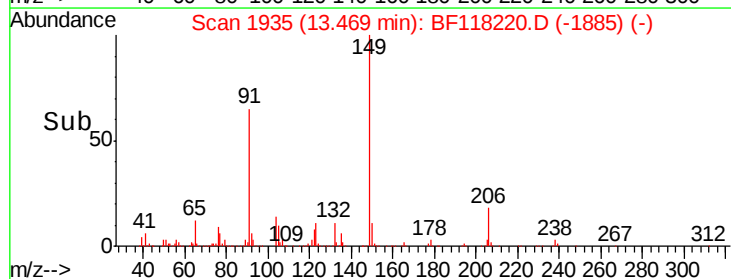
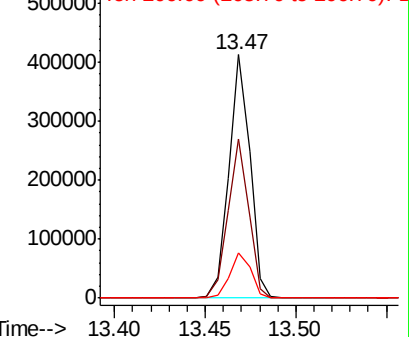
206 18.4 15.2 22.8

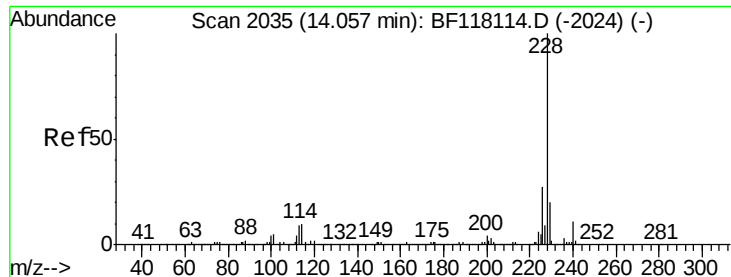


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.598 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampleId :

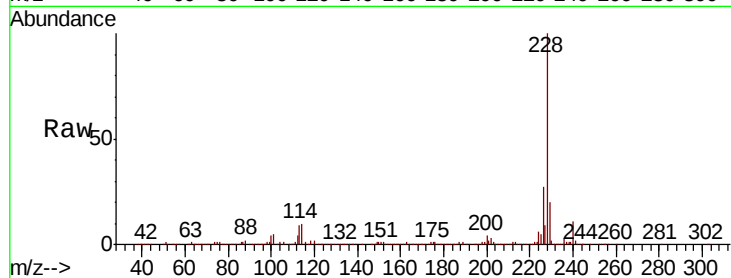
Tot Ion:228 Resp: 674797

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

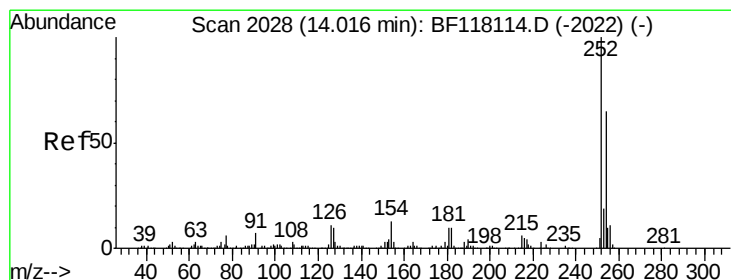
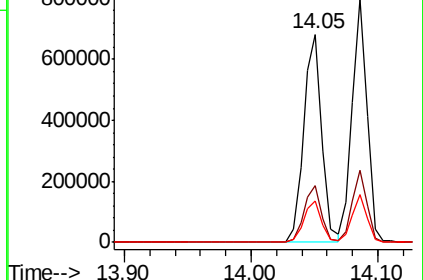
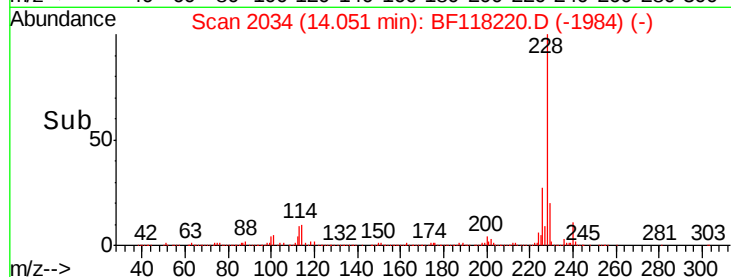
229 20.0 15.8 23.8



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: 28.008 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

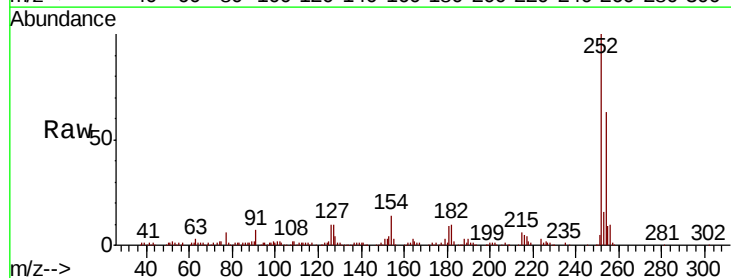
Tgt Ion:252 Resp: 152891

Ion Ratio Lower Upper

252 100

254 62.6 52.2 78.4

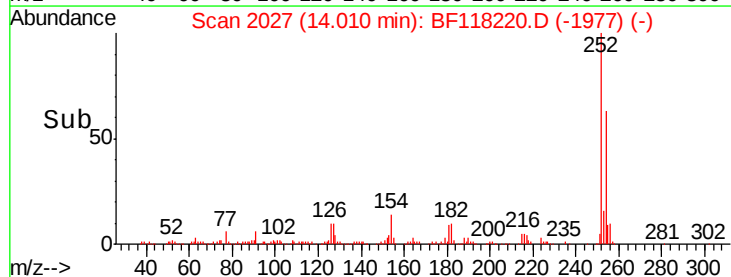
126 10.5 8.6 13.0



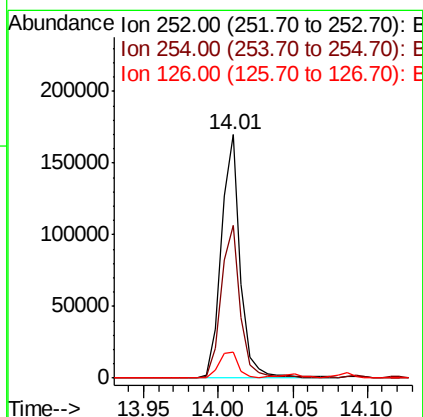
Abundance Ion 252.00 (251.70 to 252.70): E

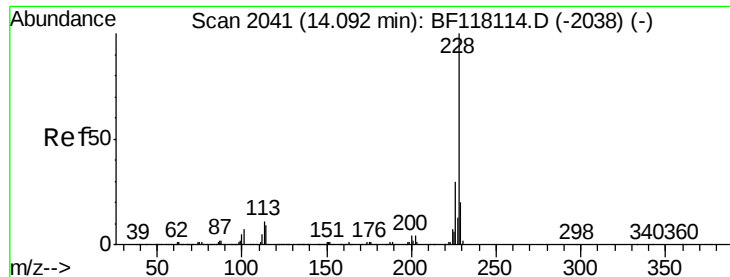
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrvsene

Concen: 41.271 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

Instrument :

BNA_F

ClientSampled :

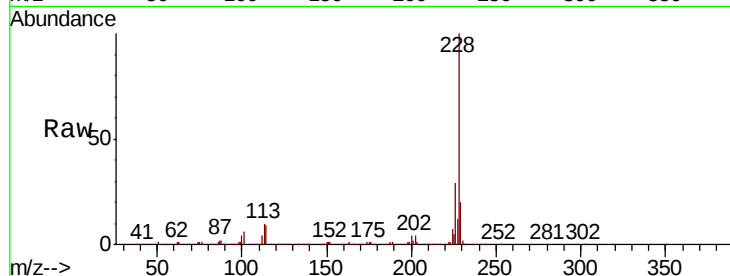
Tot Ion:228 Resp: 655264

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

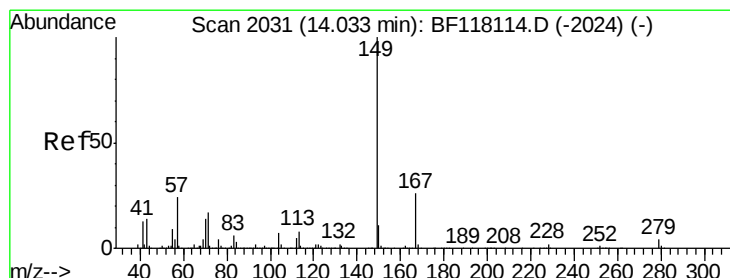
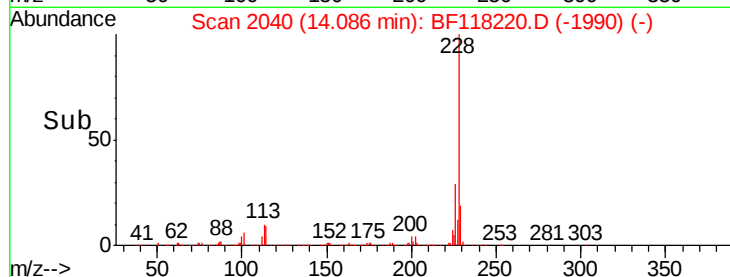
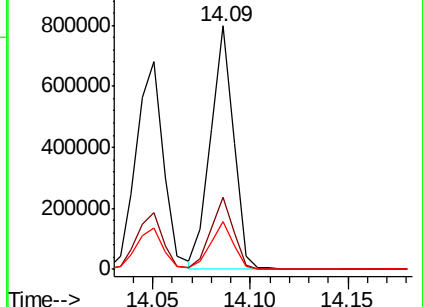
229 19.6 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.082 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118220.D

Acq: 17 Dec 2019 2:18

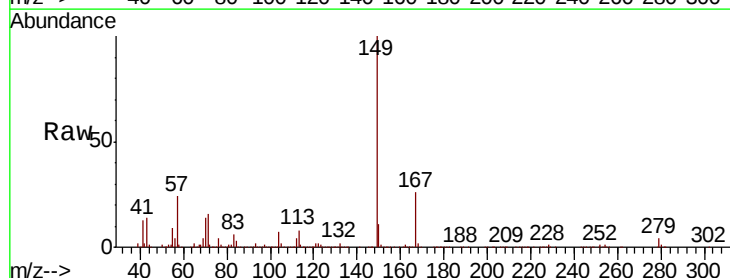
Tgt Ion:149 Resp: 453407

Ion Ratio Lower Upper

149 100

167 25.8 20.8 31.2

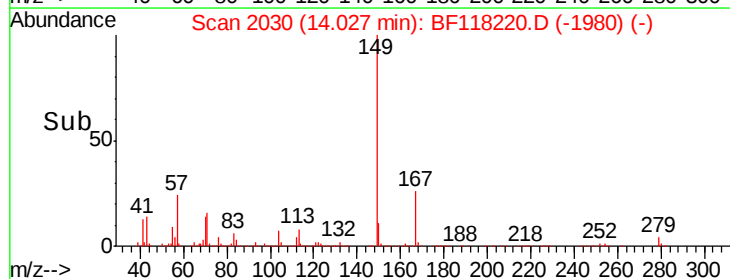
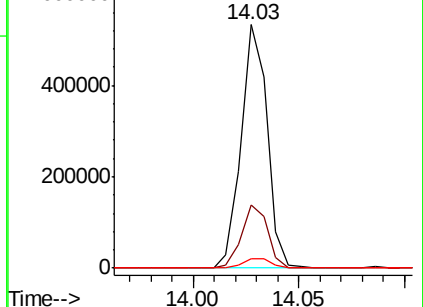
279 3.6 2.9 4.3

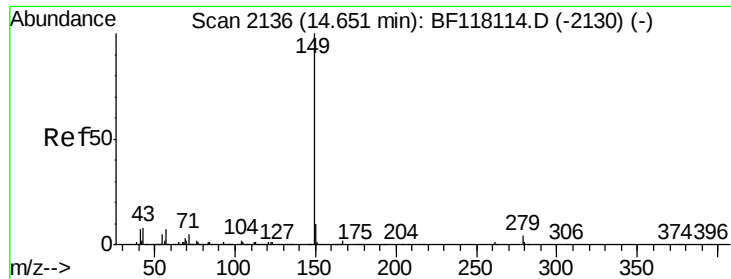


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

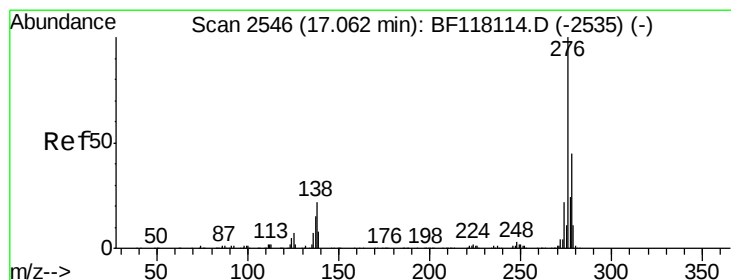
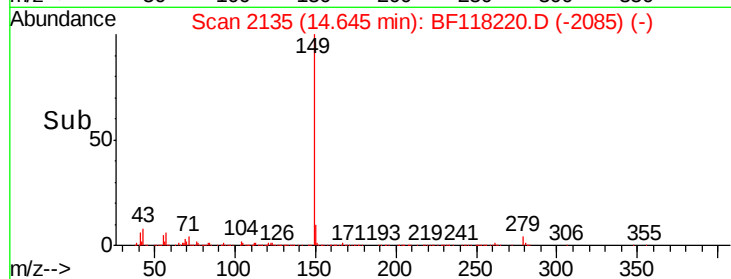
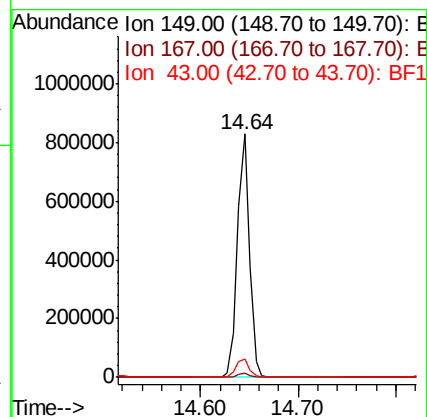
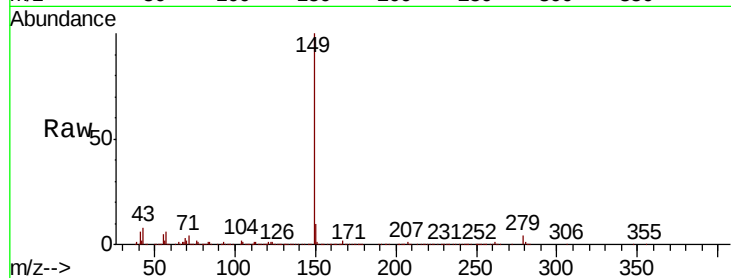




#85
Di-n-octyl phthalate
Concen: 41.602 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

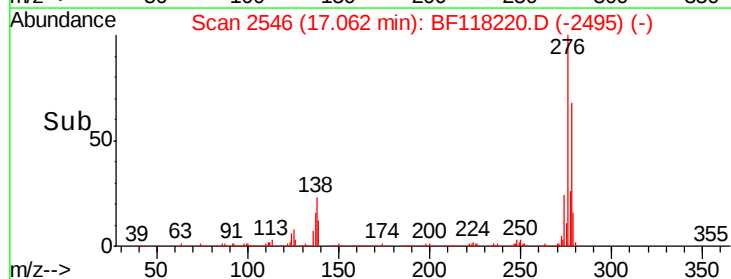
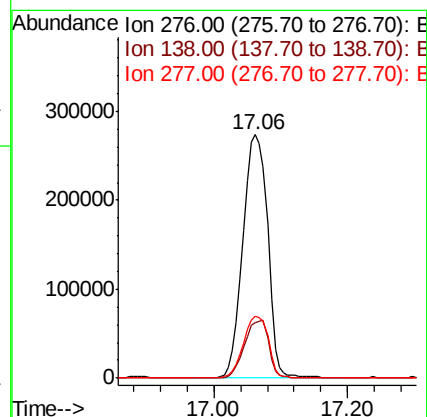
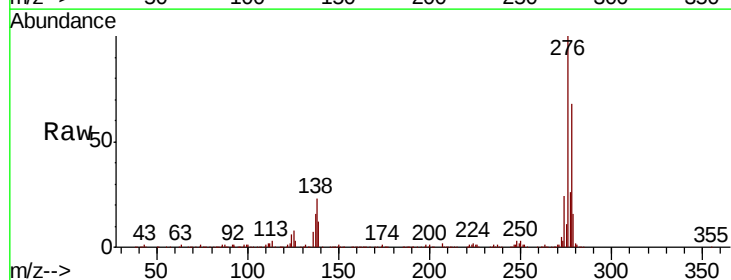
Instrument :
BNA_F
ClientSampleId :

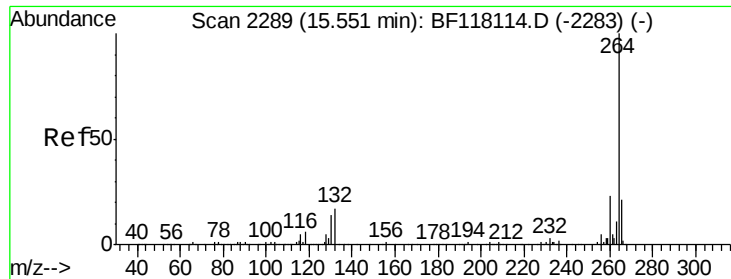
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.5	9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.536 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.9	28.3
277	25.7	20.4	30.6

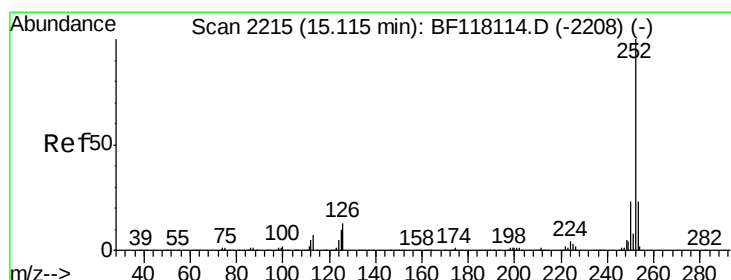
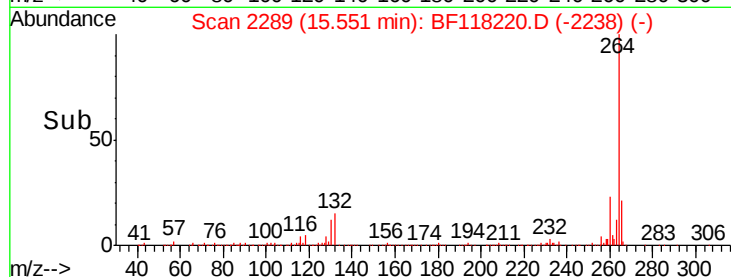
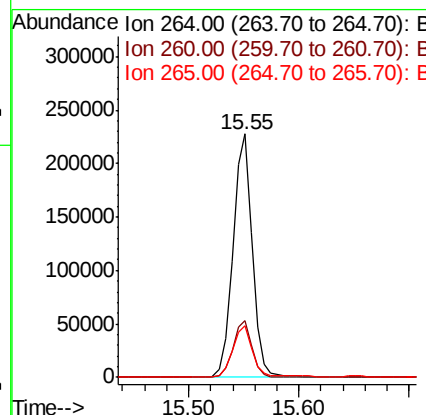
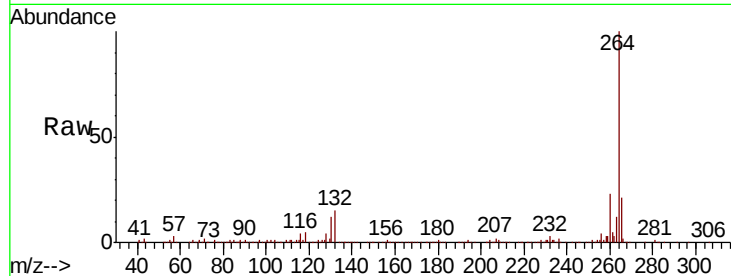




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

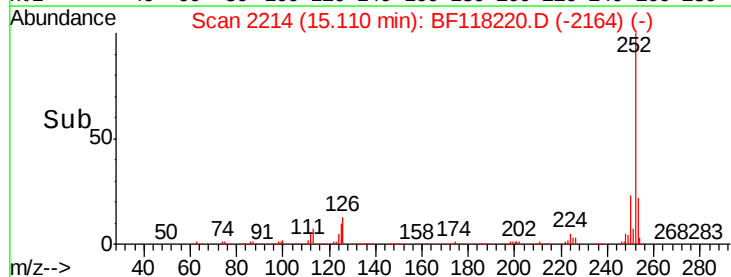
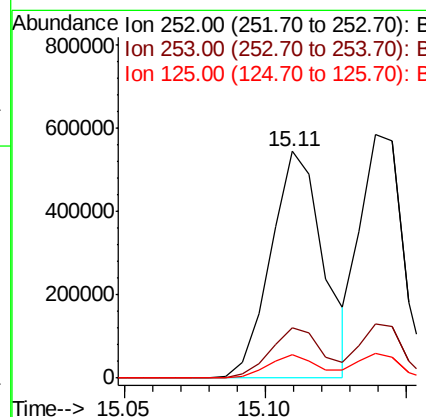
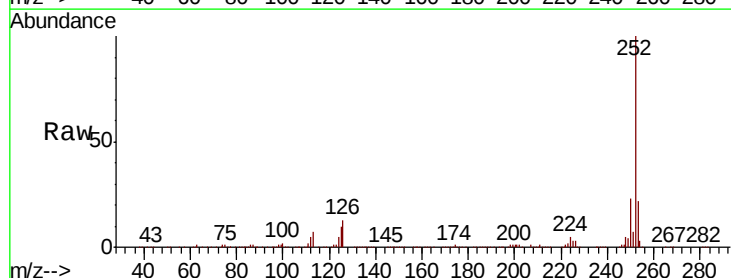
Instrument :
BNA_F
ClientSampleId :

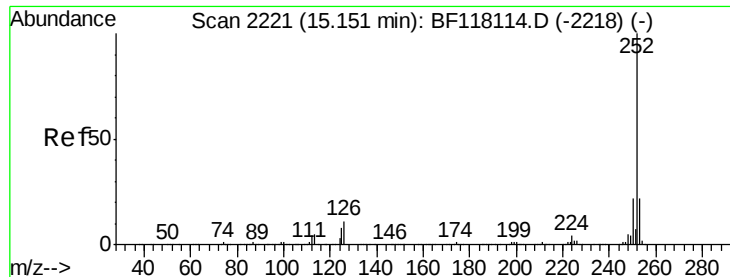
Tot Ion:264 Resp: 279104
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.3 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 38.175 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:252 Resp: 704674
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 10.2 8.3 12.5

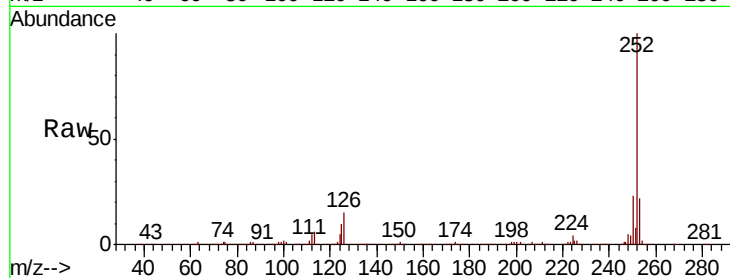




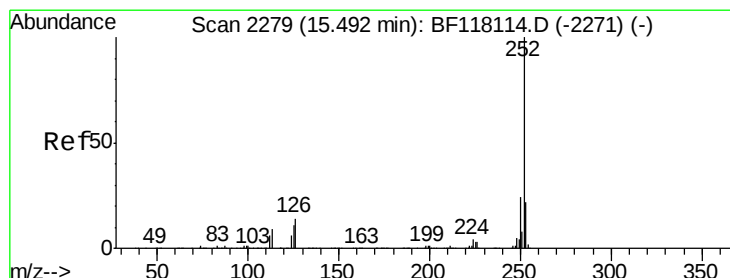
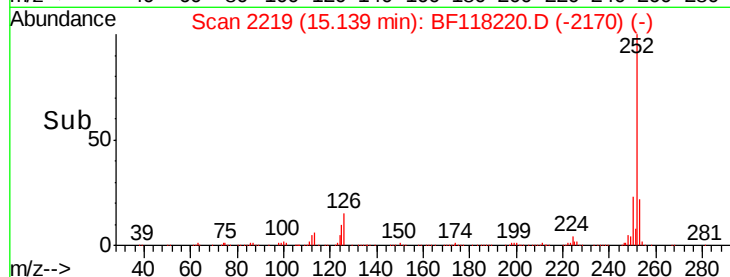
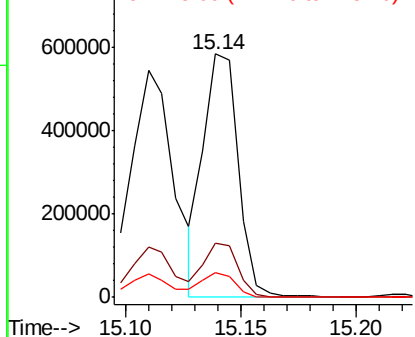
#89
Benzo(k)fluoranthene
Concen: 34.317 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 608545
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.2 6.7 10.1#

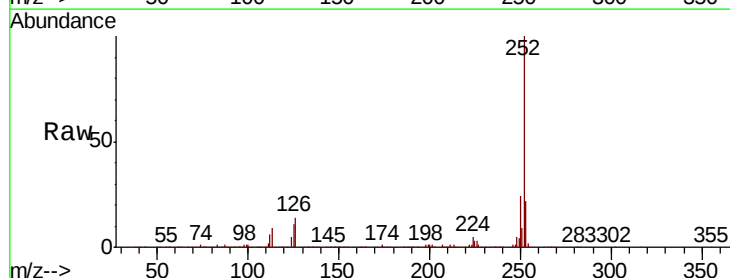


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

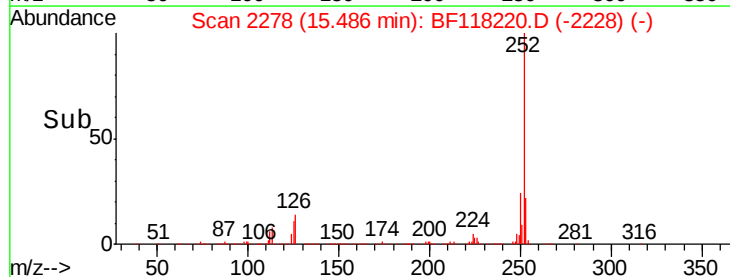
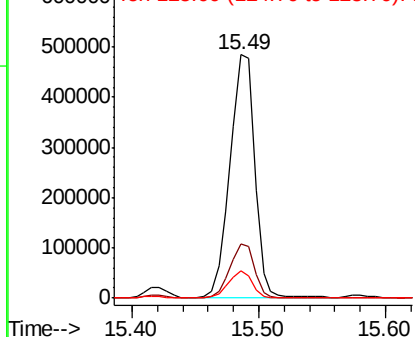


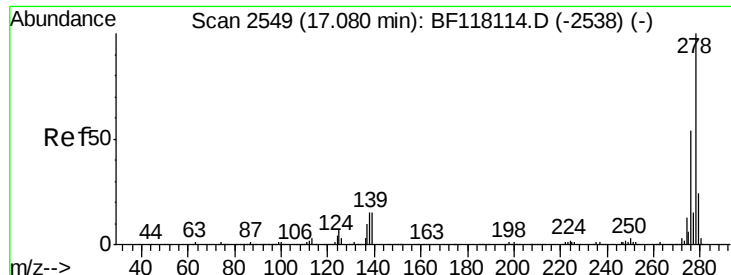
#90
Benzo(a)pyrene
Concen: 40.001 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion:252 Resp: 652134
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.2 9.1 13.7



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

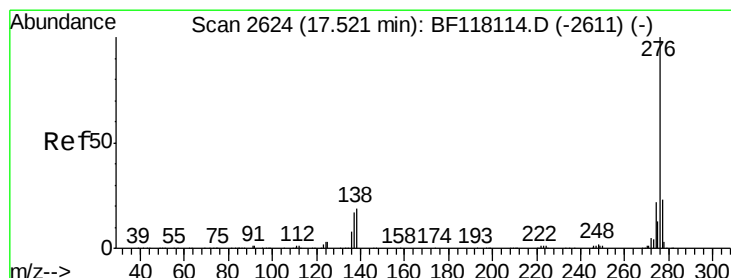
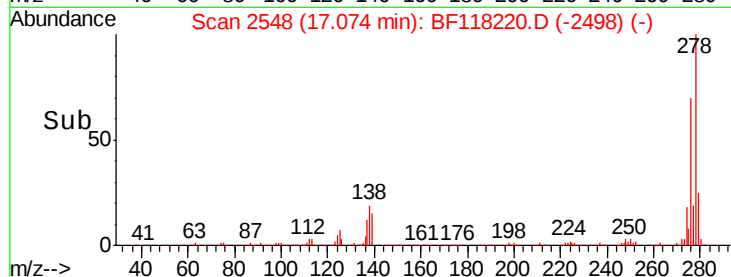
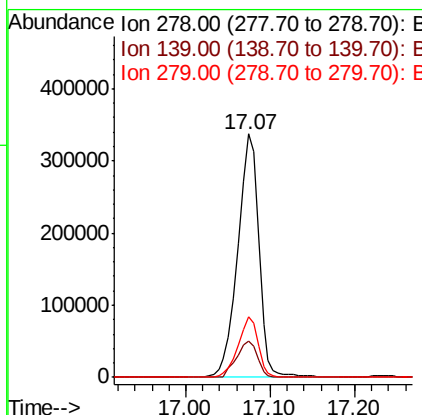
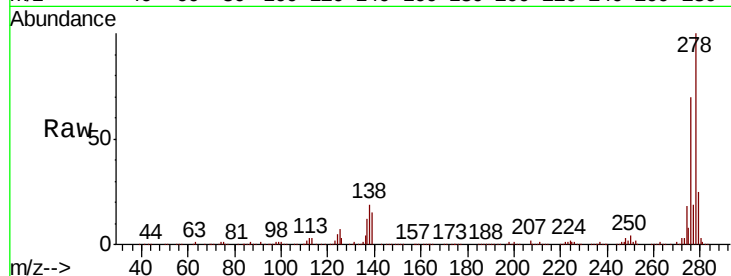




#91
Dibenzo(a,h)anthracene
Concen: 41.234 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	25.0	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.632 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118220.D
Acq: 17 Dec 2019 2:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.4
138	21.2	15.5	23.3

