

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118381.D
 Acq On : 30 Dec 2019 14:59
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:37:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	185686	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	712770	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	379263	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	683998	20.00	ng	0.00
76) Chrysene-d12	14.06	240	463285	20.00	ng	0.00
87) Perylene-d12	15.54	264	386367	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	805396	74.04	ng	0.00
7) Phenol-d6	6.50	99	1001545	74.22	ng	0.01
23) Nitrobenzene-d5	7.43	82	932647	74.84	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	345782	73.83	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1865410	75.08	ng	0.00
79) Terphenyl-d14	12.99	244	2133596	76.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	155952	36.064	ng	99
3) Pyridine	3.35	79	416752	36.172	ng	99
4) n-Nitrosodimethylamine	3.32	42	175333	36.808	ng	97
6) Aniline	6.52	93	622838	36.348	ng	98
8) 2-Chlorophenol	6.65	128	462141	37.511	ng	100
9) Benzaldehyde	6.40	77	263829	33.347	ng	95
10) Phenol	6.51	94	557409	36.751	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	410911	37.882	ng	98
12) 1,3-Dichlorobenzene	6.80	146	533130	37.574	ng	97
13) 1,4-Dichlorobenzene	6.87	146	541675	37.585	ng	98
14) 1,2-Dichlorobenzene	7.03	146	508882	37.400	ng	99
15) Benzyl Alcohol	7.00	79	377230	36.715	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	448589	38.756	ng	91
17) 2-Methylphenol	7.12	107	362501	36.685	ng	97
18) Hexachloroethane	7.36	117	196139	37.081	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	306376	36.855	ng	96
20) 3+4-Methylphenols	7.27	107	463453	36.646	ng	97
22) Acetophenone	7.27	105	650639	37.245	ng	# 94
24) Nitrobenzene	7.45	77	462219	37.026	ng	99
25) Isophorone	7.69	82	811906	37.383	ng	99
26) 2-Nitrophenol	7.76	139	255468	38.636	ng	98
27) 2,4-Dimethylphenol	7.80	122	334962	37.129	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	541379	38.114	ng	99
29) 2,4-Dichlorophenol	8.00	162	395572	38.095	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	456325	37.725	ng	98
31) Naphthalene	8.17	128	1364186	37.656	ng	100
32) Benzoic acid	7.95	122	217751	30.879	ng	99
33) 4-Chloroaniline	8.22	127	581697	37.455	ng	99
34) Hexachlorobutadiene	8.27	225	279742	38.851	ng	99
35) Caprolactam	8.61	113	109617	33.813	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	409896	36.767	ng	97
37) 2-Methylnaphthalene	8.86	142	925474	37.312	ng	99
38) 1-Methylnaphthalene	8.96	142	876625	37.513	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	434841	38.160	ng	99

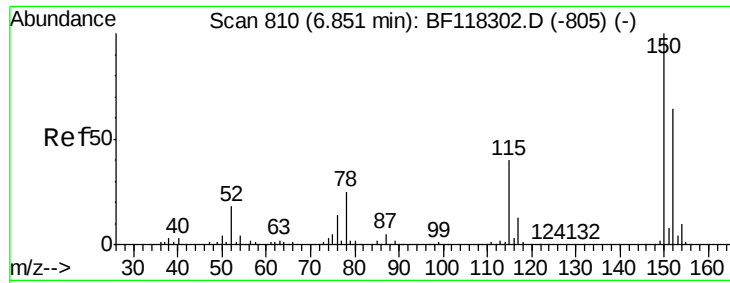
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	147948	36.388	ng	95
43) 2,4,6-Trichlorophenol	9.14	196	283369	37.223	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	289756	37.000	ng	99
46) 1,1'-Biphenyl	9.33	154	1133988	37.803	ng	99
47) 2-Chloronaphthalene	9.35	162	904156	37.450	ng	100
48) 2-Nitroaniline	9.45	65	257800	37.804	ng	99
49) Acenaphthylene	9.77	152	1330694	37.163	ng	99
50) Dimethylphthalate	9.62	163	1054743	37.049	ng	99
51) 2,6-Dinitrotoluene	9.70	165	236692	38.564	ng	# 83
52) Acenaphthene	9.94	154	817152	37.467	ng	99
53) 3-Nitroaniline	9.87	138	267645	37.153	ng	93
54) 2,4-Dinitrophenol	9.98	184	113482	39.478	ng	97
55) Dibenzofuran	10.12	168	1184131	36.744	ng	99
56) 4-Nitrophenol	10.04	139	182508	41.039	ng	93
57) 2,4-Dinitrotoluene	10.10	165	305336	37.230	ng	86
58) Fluorene	10.46	166	965442	37.111	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	246320	37.018	ng	99
60) Diethylphthalate	10.33	149	1074774	38.161	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	488952	37.650	ng	99
62) 4-Nitroaniline	10.49	138	277875	37.131	ng	96
63) Azobenzene	10.61	77	908511	37.660	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	139016	37.675	ng	96
66) n-Nitrosodiphenylamine	10.57	169	840348	38.334	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	308131	38.493	ng	95
68) Hexachlorobenzene	11.01	284	357947	37.989	ng	99
69) Atrazine	11.10	200	262507	38.799	ng	96
70) Pentachlorophenol	11.21	266	160162	39.249	ng	99
71) Phenanthrene	11.43	178	1405363	37.689	ng	100
72) Anthracene	11.48	178	1407191	37.703	ng	100
73) Carbazole	11.63	167	1259330	38.025	ng	99
74) Di-n-butylphthalate	11.96	149	1691879	40.290	ng	100
75) Fluoranthene	12.62	202	1435551	38.147	ng	98
77) Benzidine	12.74	184	557602	43.925	ng	99
78) Pyrene	12.85	202	1429409	37.783	ng	99
80) Butylbenzylphthalate	13.46	149	702819	41.259	ng	98
81) Benzo(a)anthracene	14.04	228	1230825	37.955	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	435057	39.568	ng	100
83) Chrysene	14.09	228	1177034	37.906	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	952161	42.509	ng	99
85) Di-n-octyl phthalate	14.63	149	1366968	41.489	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	909253	34.367	ng	100
88) Benzo(b)fluoranthene	15.11	252	963499	37.568	ng	99
89) Benzo(k)fluoranthene	15.14	252	974265	39.563	ng	99
90) Benzo(a)pyrene	15.49	252	860127	38.071	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	751968	38.354	ng	97
92) Benzo(g,h,i)perylene	17.52	276	717471	37.883	ng	98

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

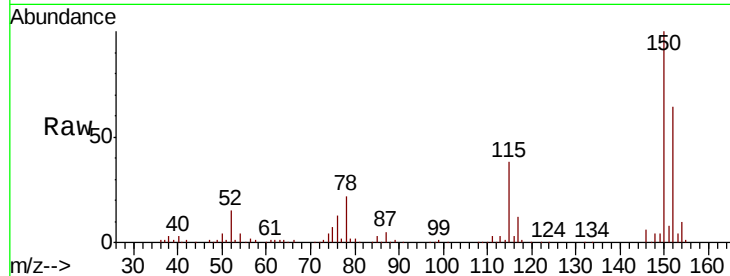


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.4	188.2
115	59.3	50.2	75.4

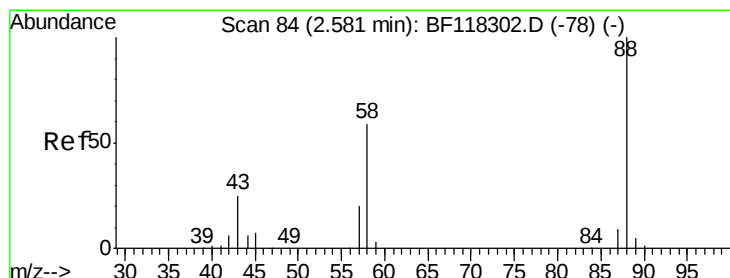
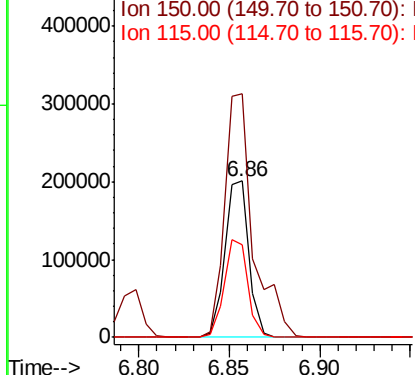
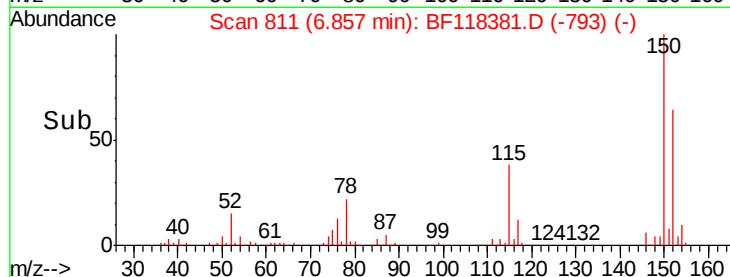


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

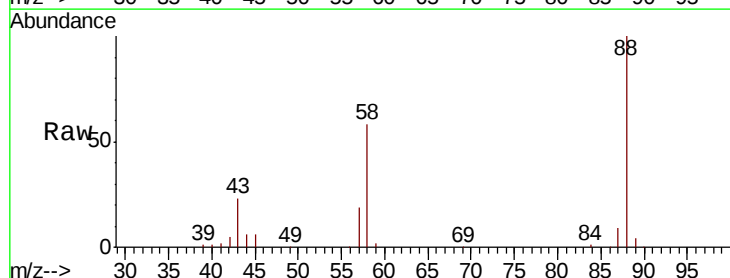
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 36.064 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	47.6	71.4
43	25.1	20.6	30.8

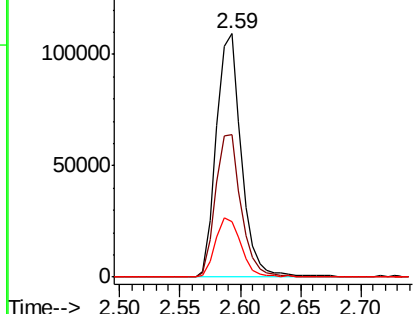
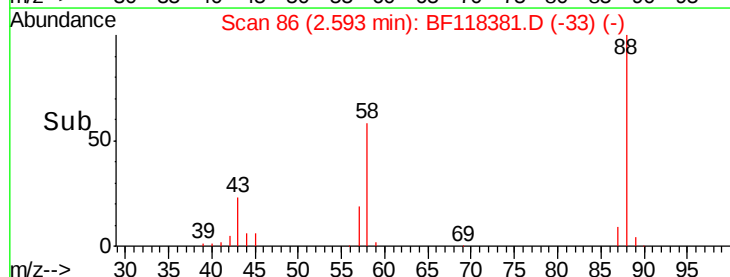


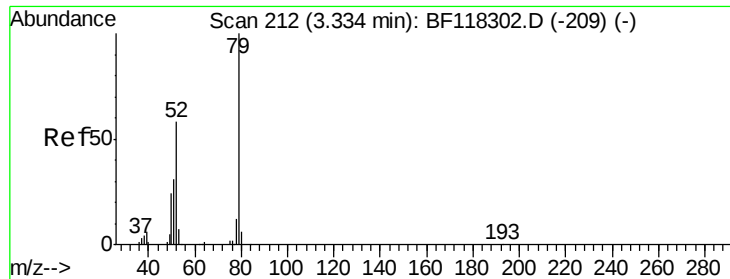
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.172 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

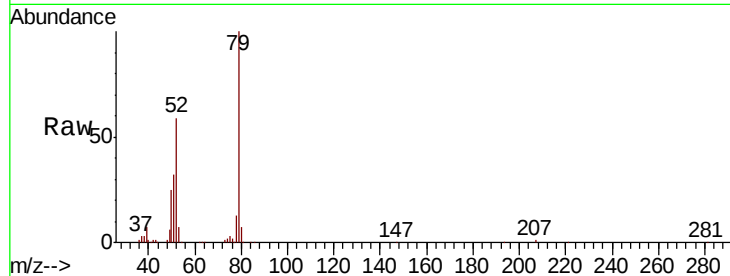
Tot Ion: 79 Resp: 416752

Ion Ratio Lower Upper

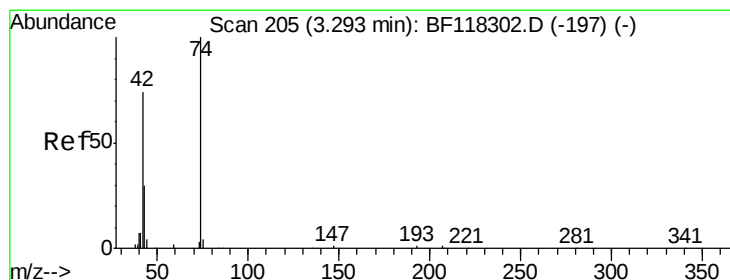
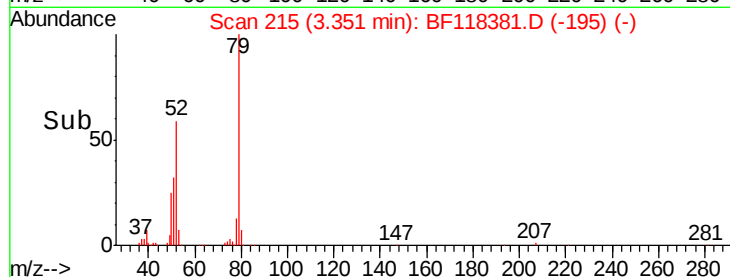
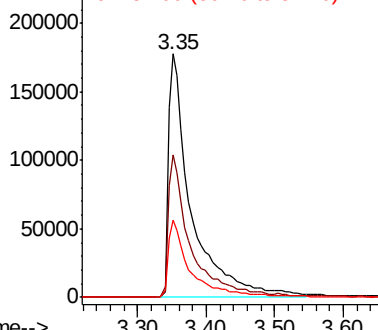
79 100

52 58.5 46.4 69.6

51 31.8 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 36.808 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.02 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

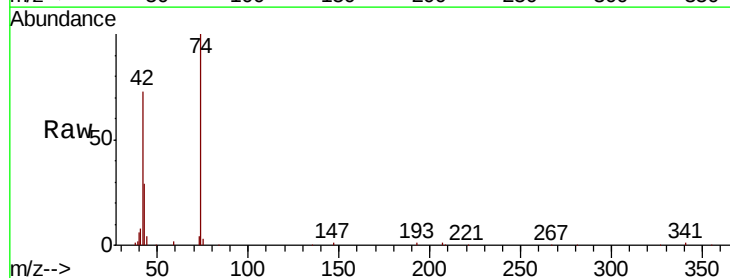
Tgt Ion: 42 Resp: 175333

Ion Ratio Lower Upper

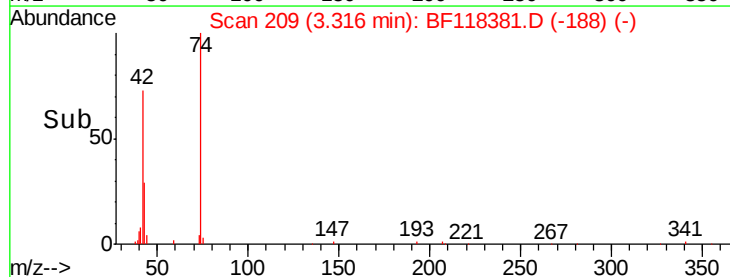
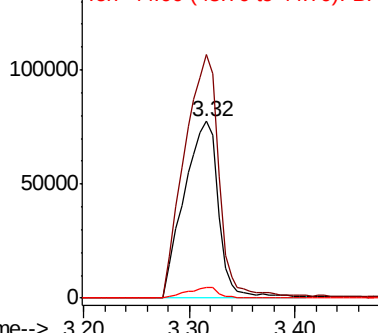
42 100

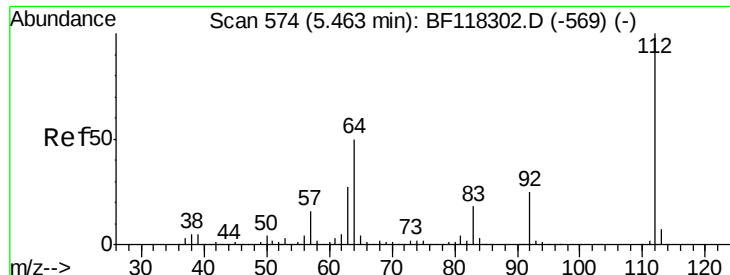
74 137.7 107.7 161.5

44 6.0 4.8 7.2



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





#5

2-Fluorophenol

Concen: 74.039 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampled :

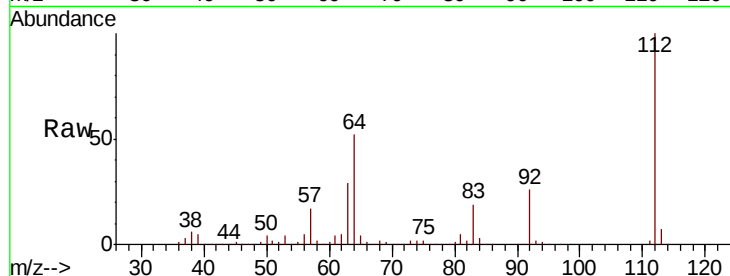
Tot Ion:112 Resp: 805396

Ion Ratio Lower Upper

112 100

64 52.0 39.7 59.5

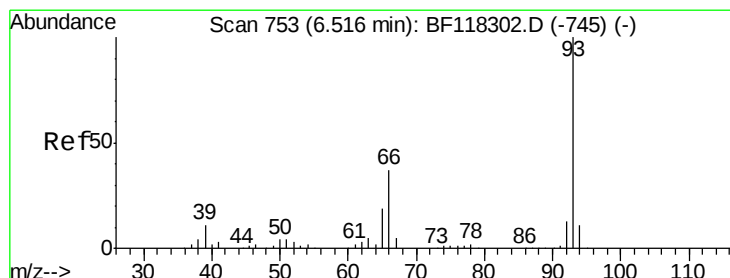
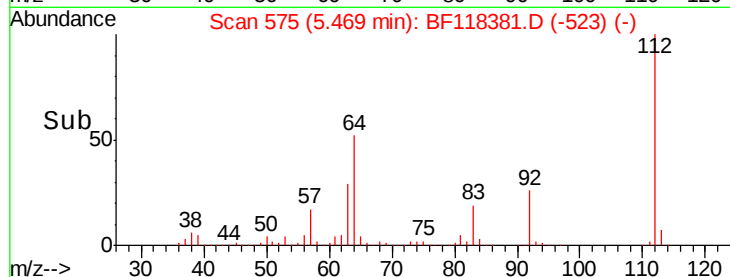
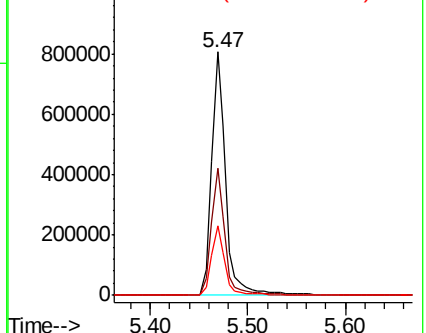
63 28.8 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.348 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

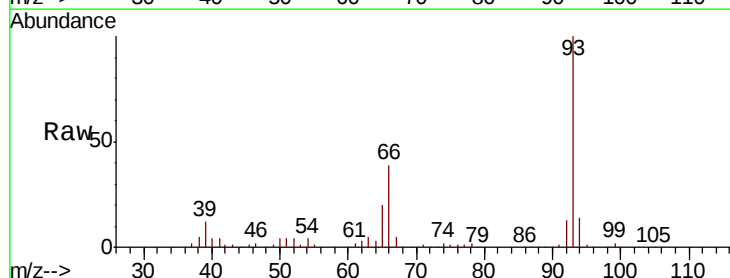
Tgt Ion: 93 Resp: 622838

Ion Ratio Lower Upper

93 100

66 39.1 30.2 45.4

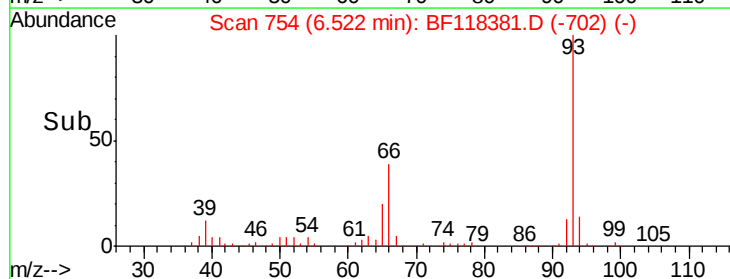
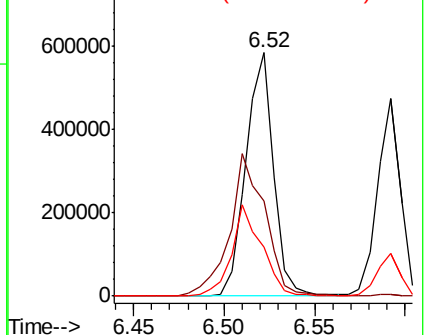
65 20.3 15.7 23.5

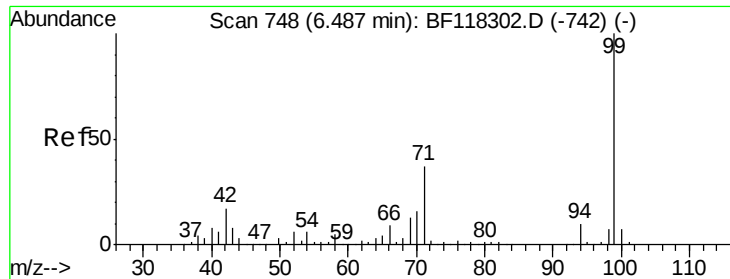


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.219 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

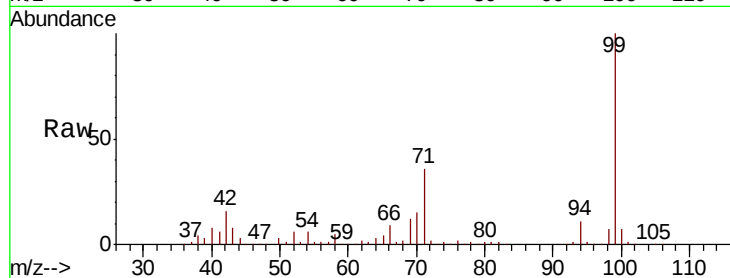
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1001545

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	35.5	29.4	44.2

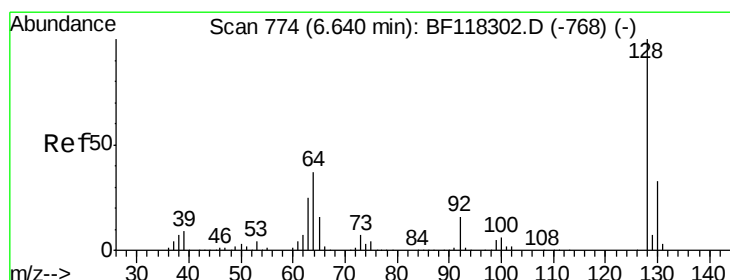
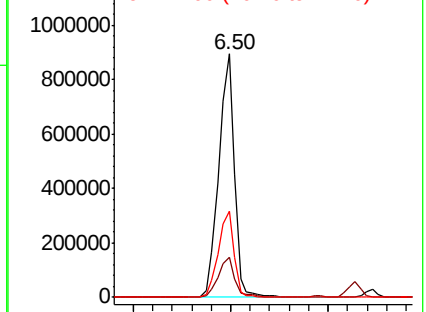
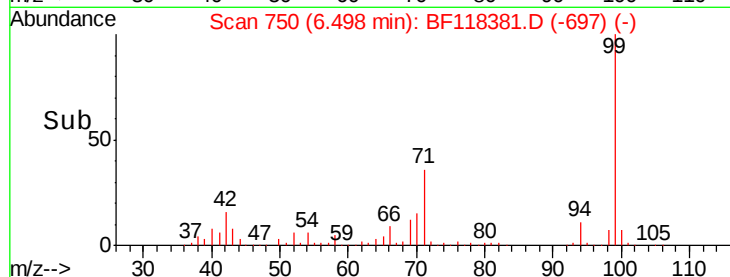


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.511 ng

RT: 6.65 min Scan# 775

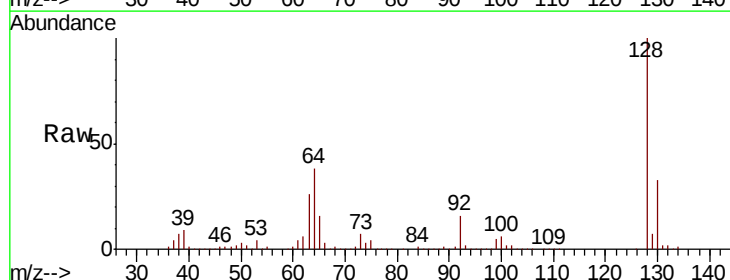
Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Tgt Ion: 128 Resp: 462141

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.2	53.2
64	38.1	17.7	57.7

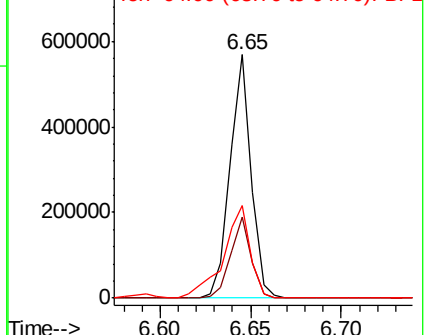
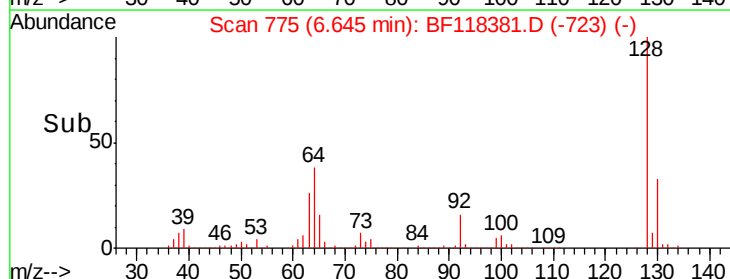


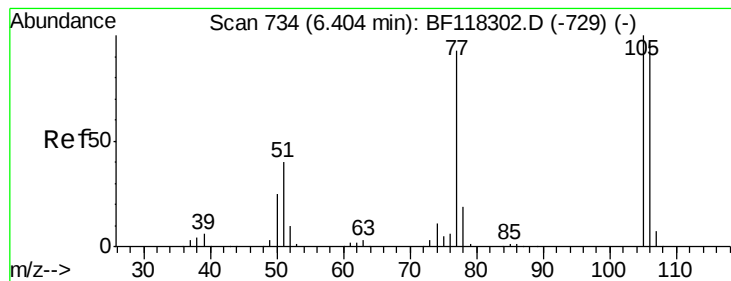
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.347 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

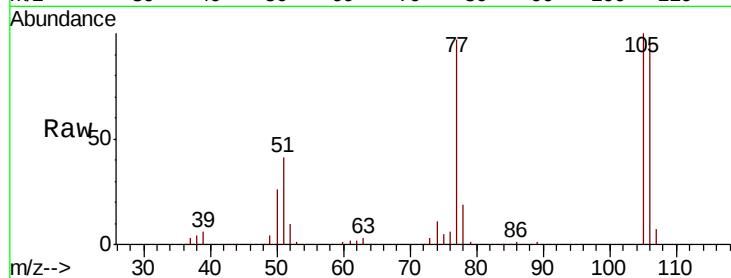
Tot Ion: 77 Resp: 263829

Ion Ratio Lower Upper

77 100

105 103.0 87.5 127.5

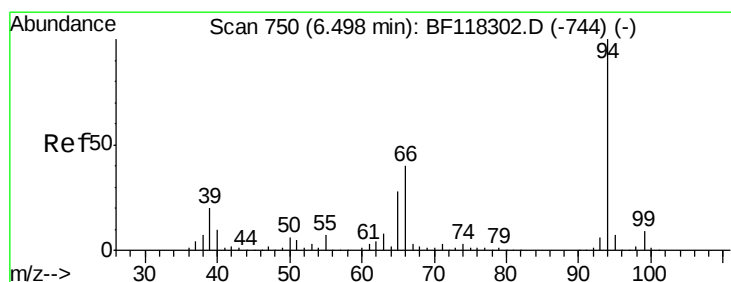
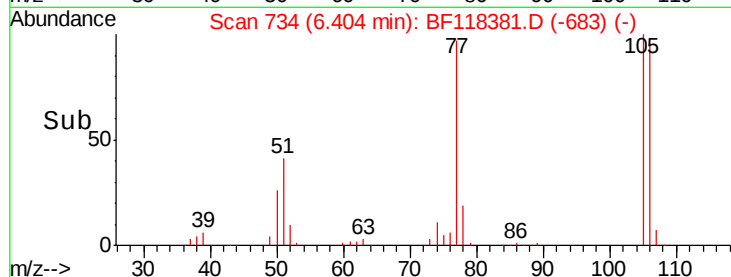
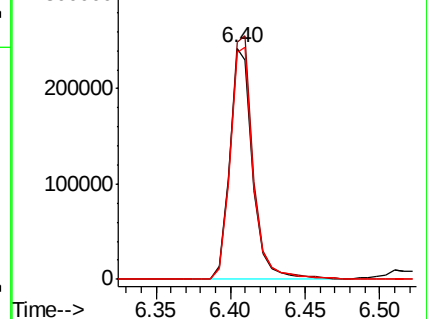
106 98.6 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.751 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

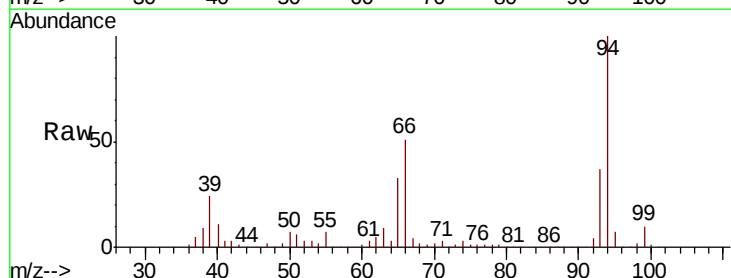
Tgt Ion: 94 Resp: 557409

Ion Ratio Lower Upper

94 100

65 33.0 7.8 47.8

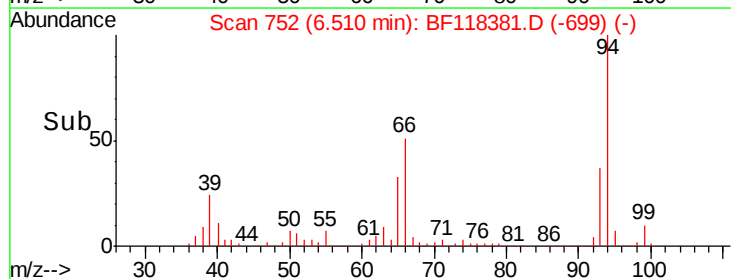
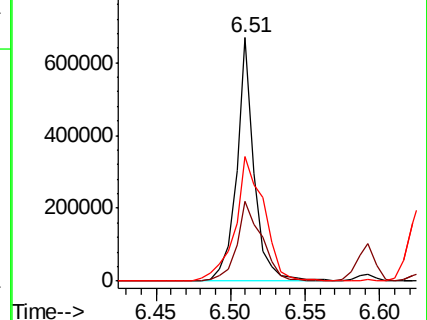
66 51.0 20.4 60.4

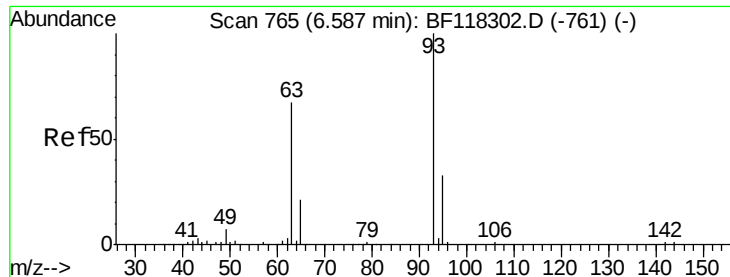


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



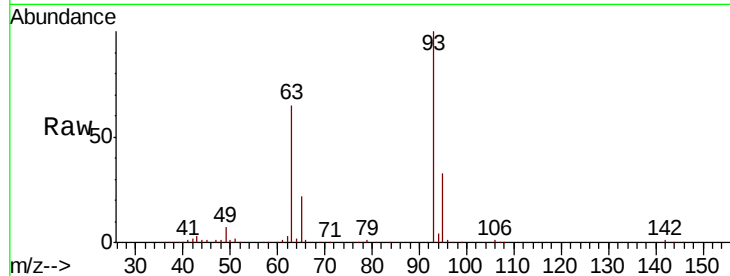


#11

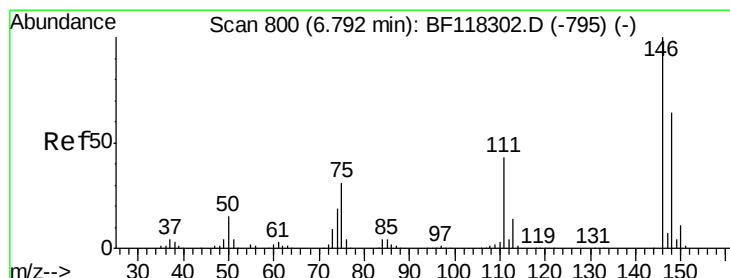
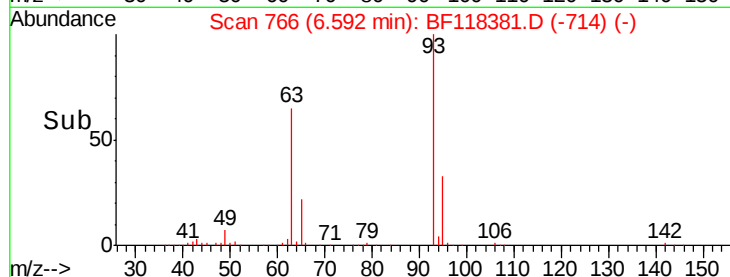
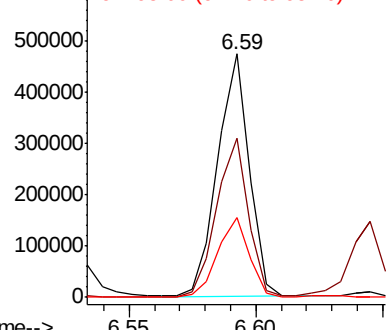
bis(2-Chloroethyl)ether
Concen: 37.882 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 410911
Ion Ratio Lower Upper
93 100
63 65.3 47.0 87.0
95 32.5 12.8 52.8



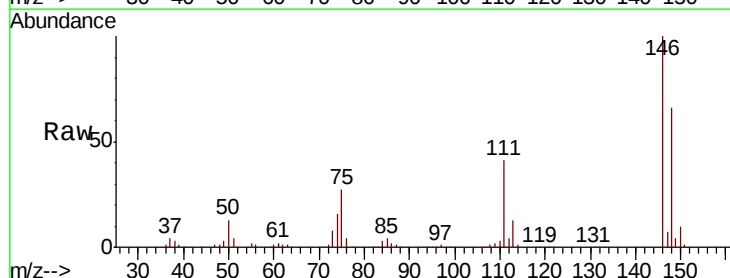
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



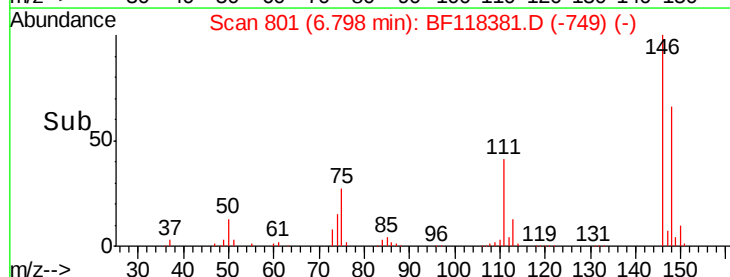
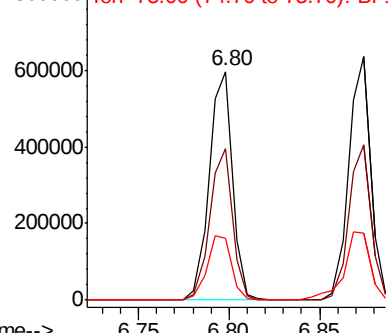
#12

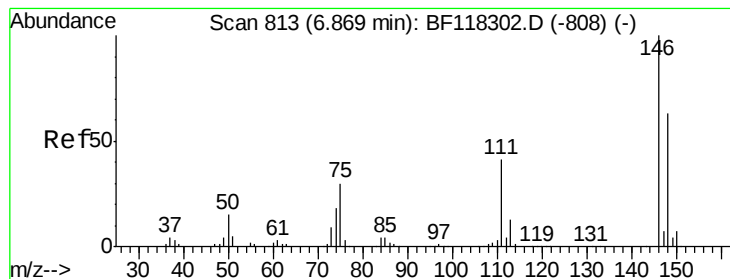
1,3-Dichlorobenzene
Concen: 37.574 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion: 146 Resp: 533130
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.0
75 27.3 24.4 36.6



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





#13

1,4-Dichlorobenzene

Concen: 37.585 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

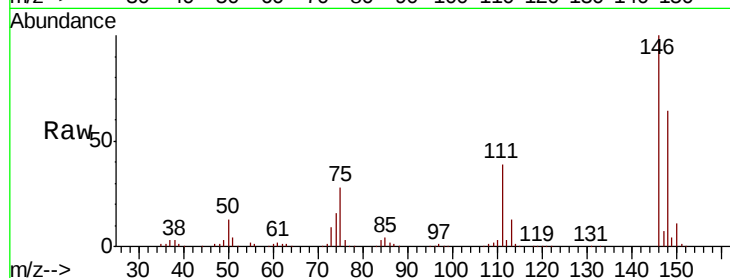
Tot Ion:146 Resp: 541675

Ion Ratio Lower Upper

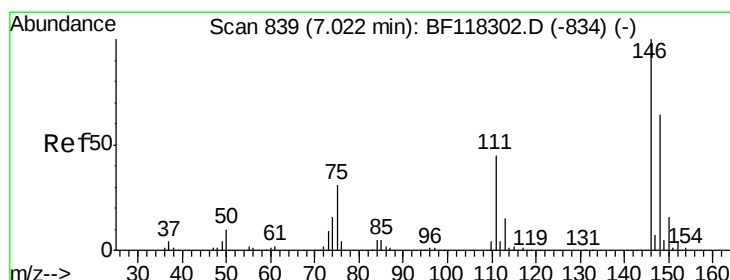
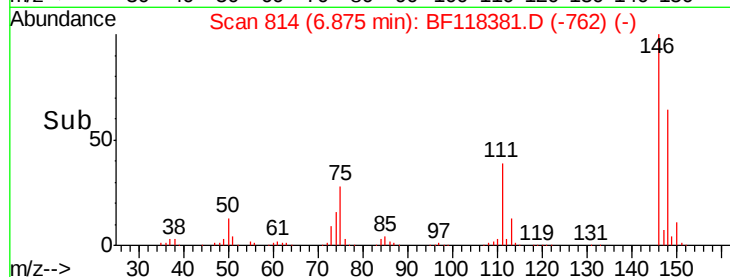
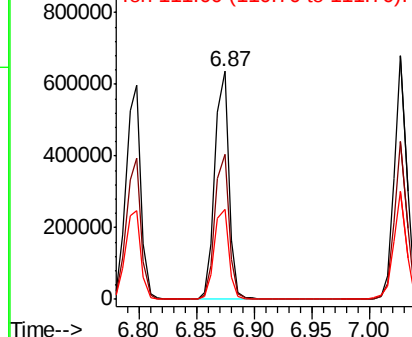
146 100

148 63.6 50.3 75.5

111 39.4 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 37.400 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

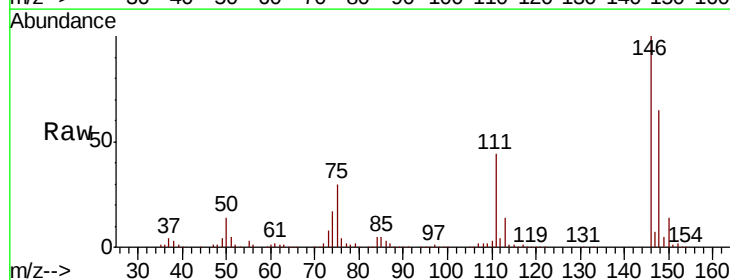
Tgt Ion:146 Resp: 508882

Ion Ratio Lower Upper

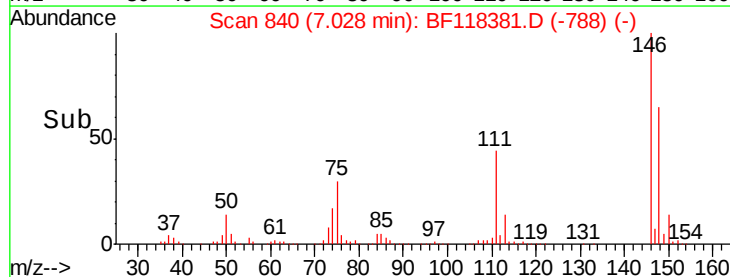
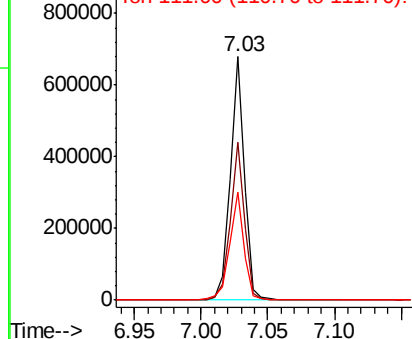
146 100

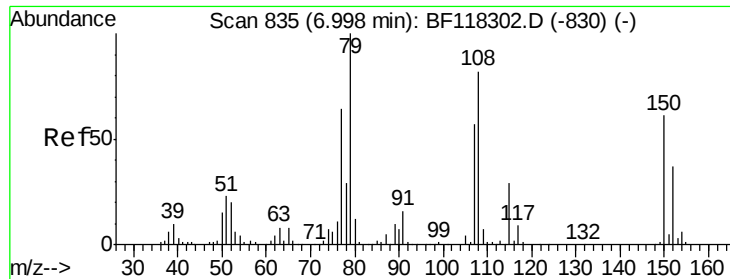
148 64.8 51.3 76.9

111 44.5 35.7 53.5



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: 36.715 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampled :

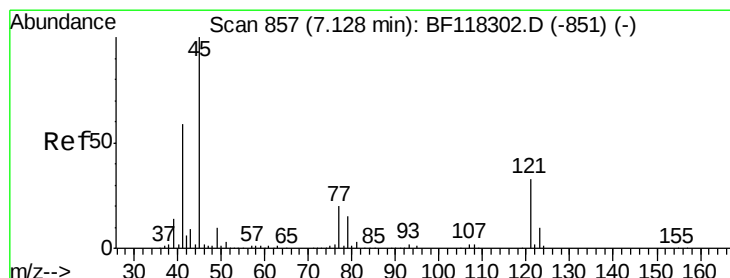
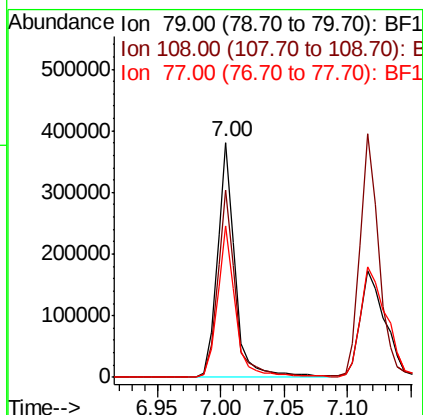
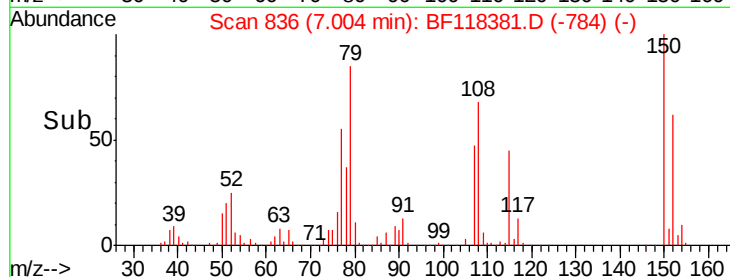
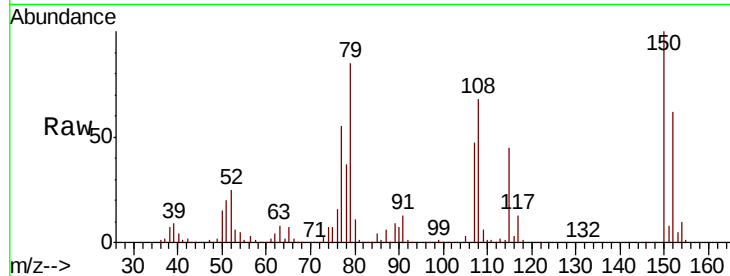
Tot Ion: 79 Resp: 377230

Ion Ratio Lower Upper

79 100

108 79.8 65.4 98.0

77 64.3 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.756 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

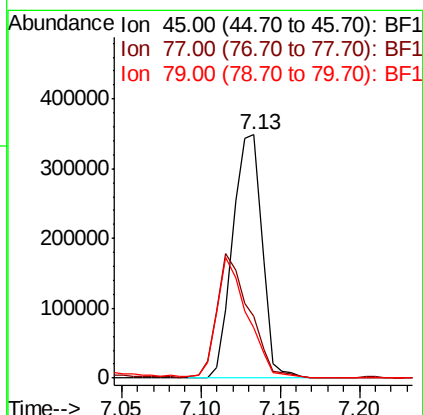
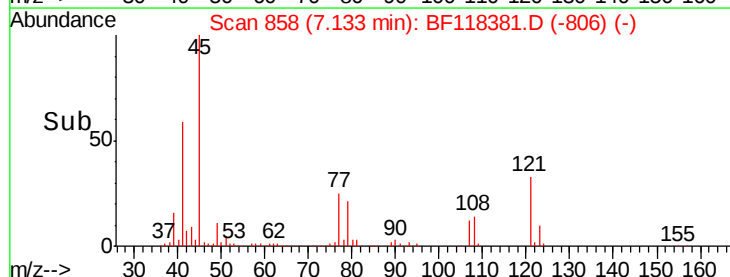
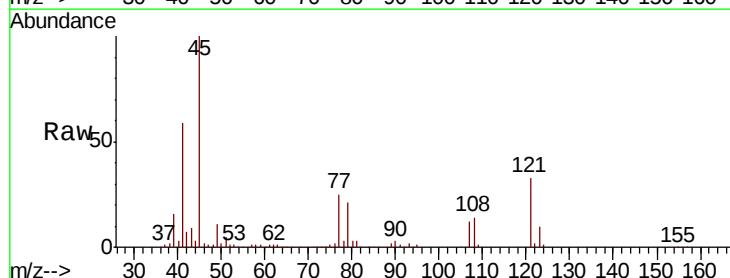
Tgt Ion: 45 Resp: 448589

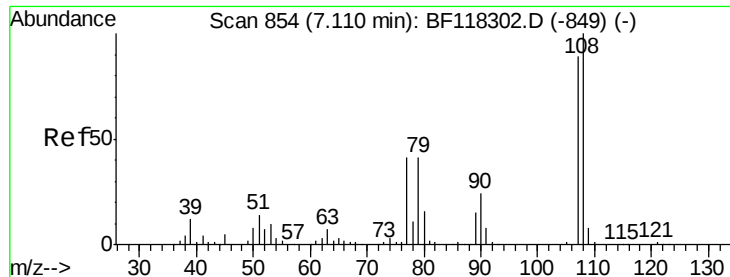
Ion Ratio Lower Upper

45 100

77 25.2 1.2 41.2

79 20.9 0.0 37.0

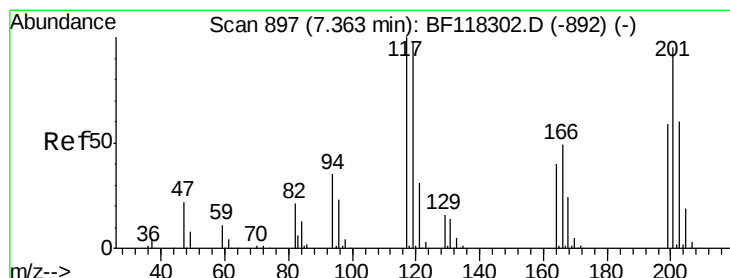
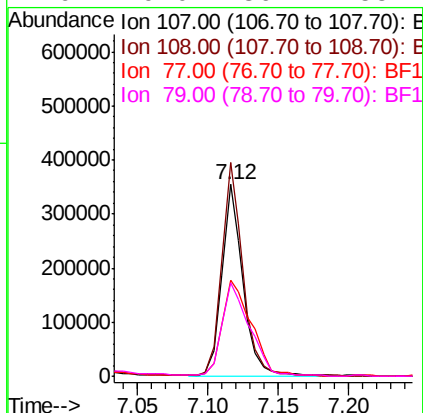
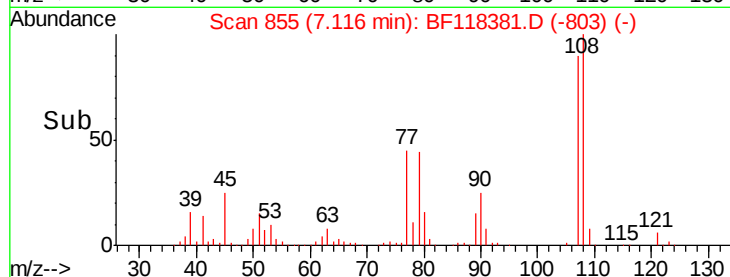
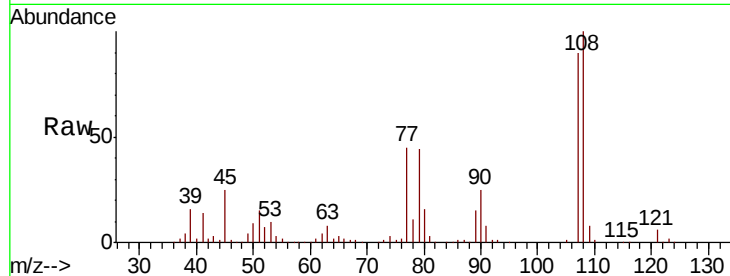




#17
2-Methylphenol
Concen: 36.685 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

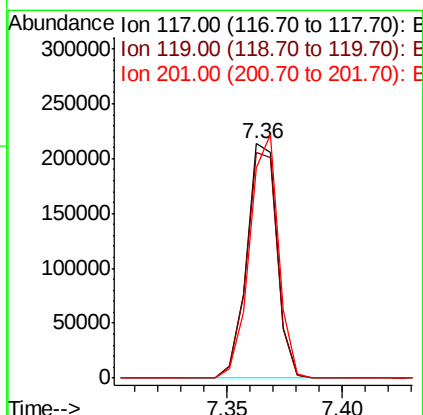
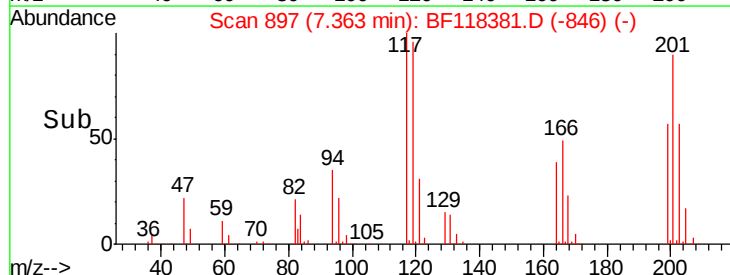
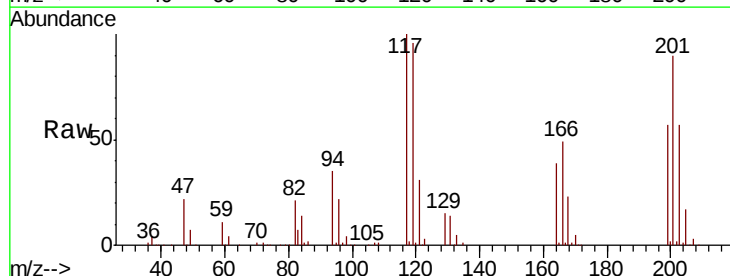
Instrument :
BNA_F
ClientSampleId :

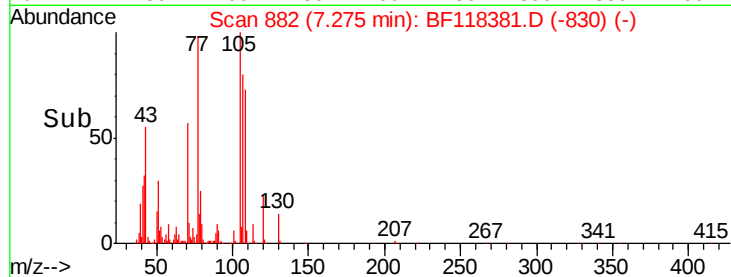
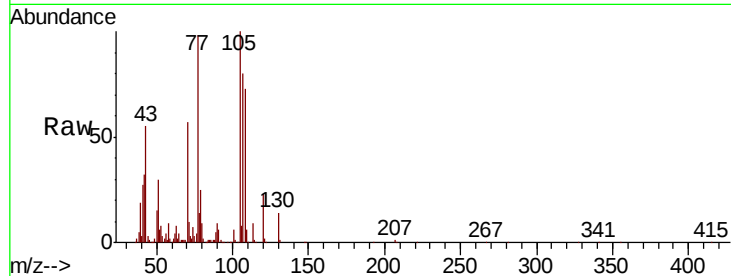
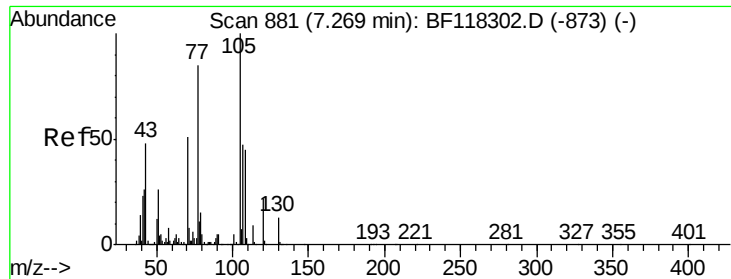
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.7	134.5
77	50.4	37.2	55.8
79	49.0	36.7	55.1



#18
Hexachloroethane
Concen: 37.081 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.0	117.0
201	89.6	76.2	114.2

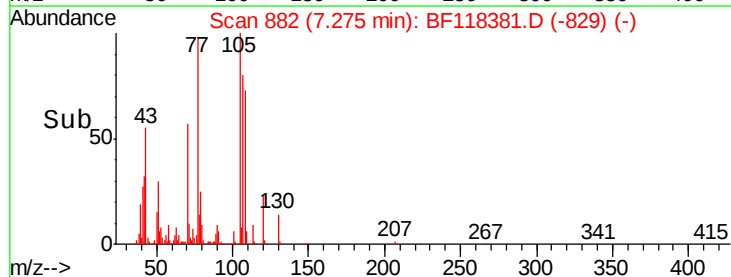
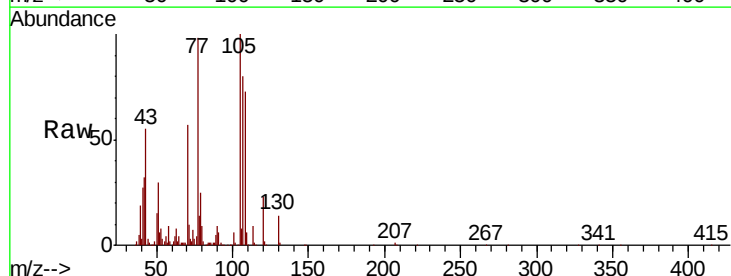
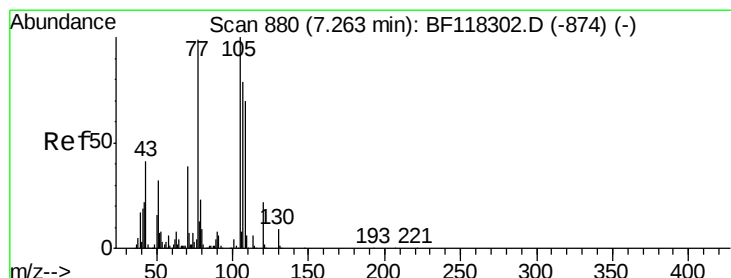
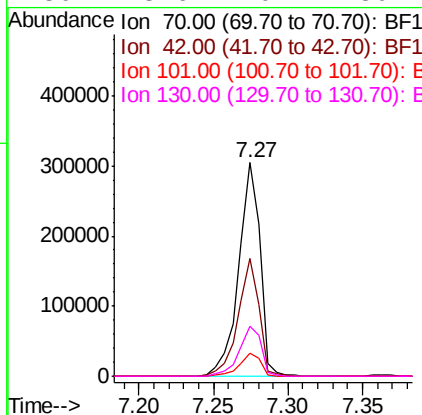




#19
n-Nitroso-di-n-propylamine
Concen: 36.855 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

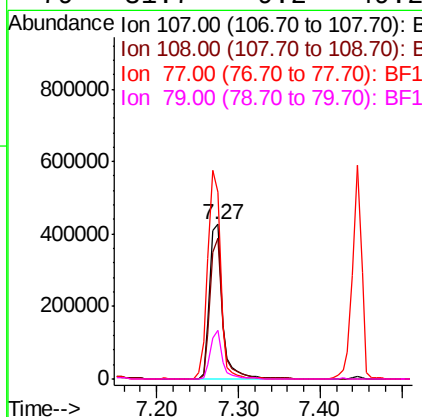
Instrument :
BNA_F
ClientSampleId :

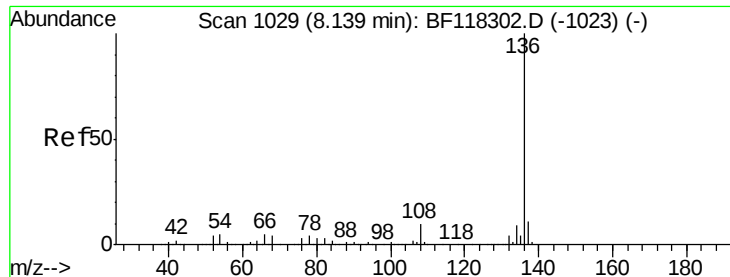
Tot Ion: 70 Resp: 306376
Ion Ratio Lower Upper
70 100
42 55.1 41.1 61.7
101 10.7 8.3 12.5
130 23.6 20.1 30.1



#20
3+4-Methylphenols
Concen: 36.646 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:107 Resp: 463453
Ion Ratio Lower Upper
107 100
108 91.5 69.3 109.3
77 121.5 105.9 145.9
79 31.7 9.2 49.2

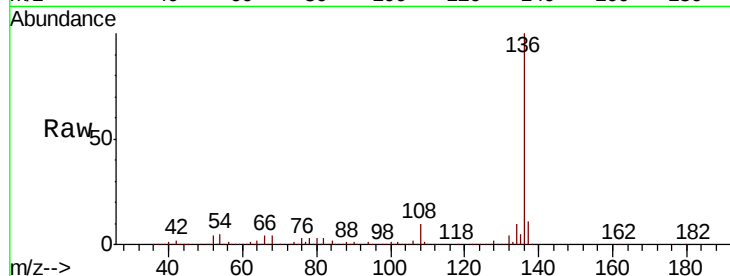




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	712770
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	5.0	4.2 6.4
68	4.3	3.5 5.3



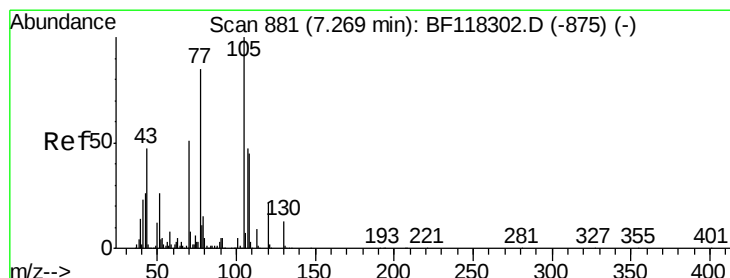
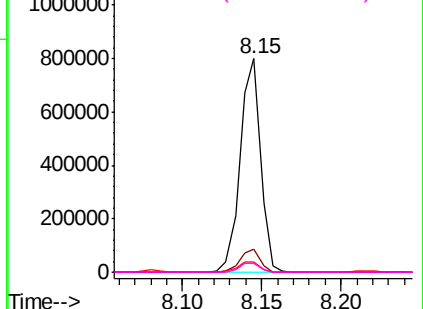
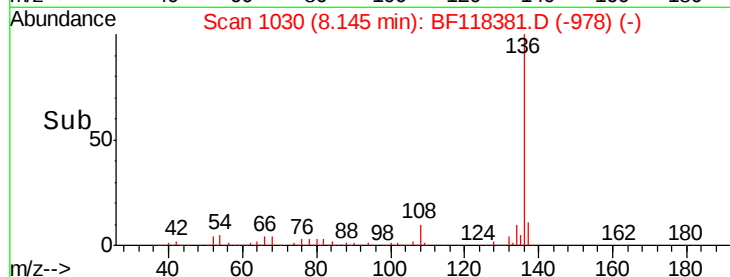
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

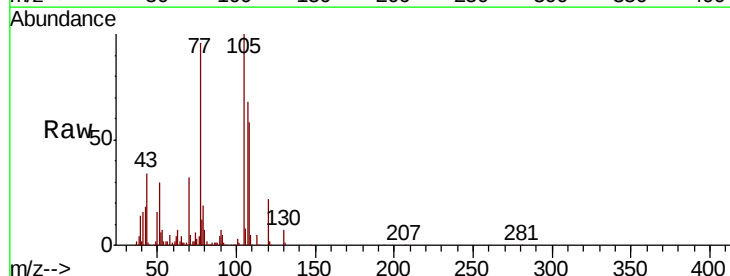
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.245 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:105	Resp:	650639
Ion	Ratio	Lower Upper
105	100	
71	5.2	6.6 9.8#
51	30.2	20.6 30.8
120	22.0	18.0 27.0



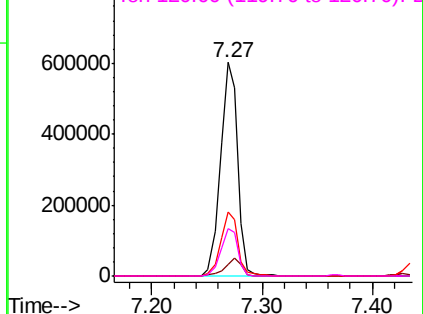
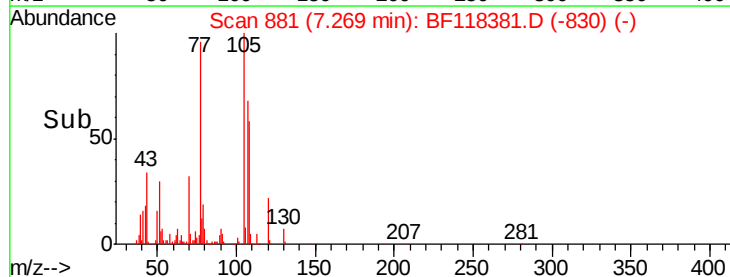
Abundance

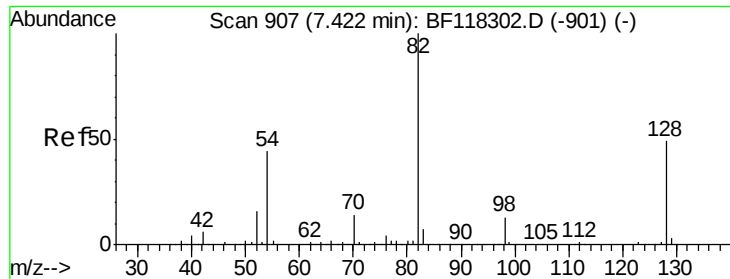
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

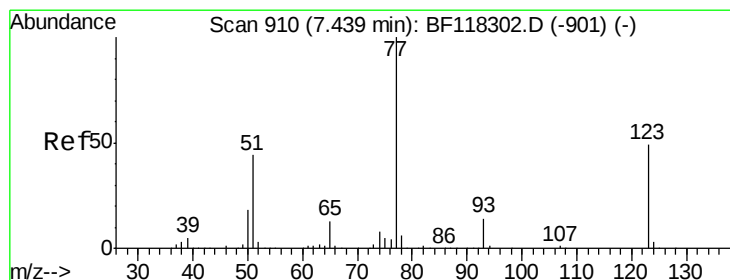
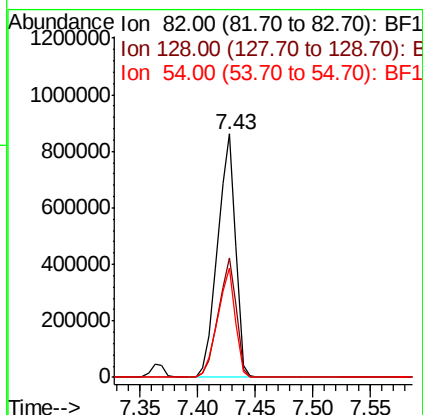
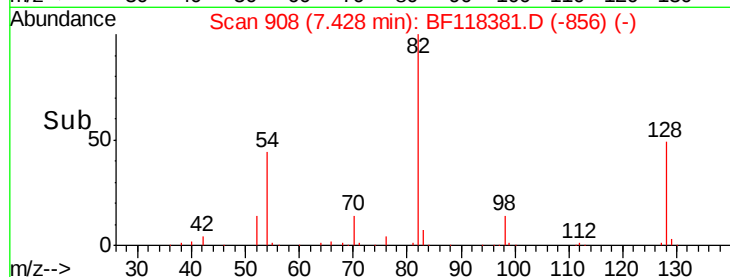
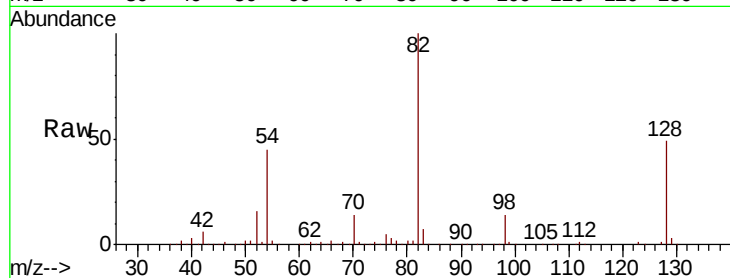




#23
Nitrobenzene-d5
Concen: 74.839 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

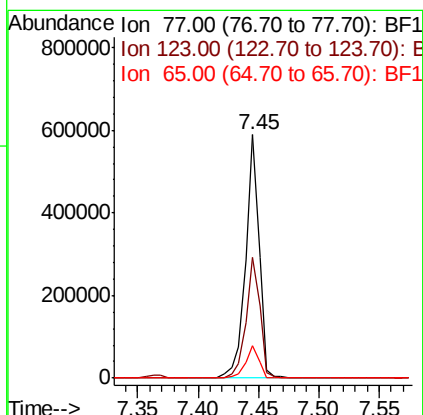
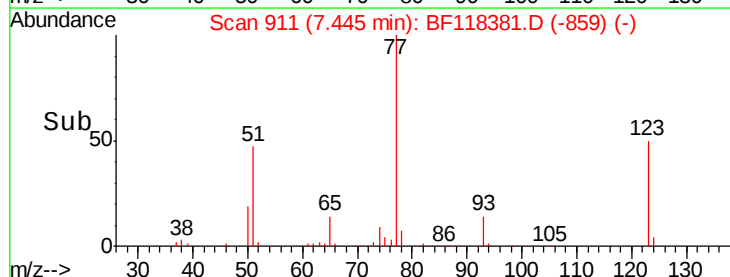
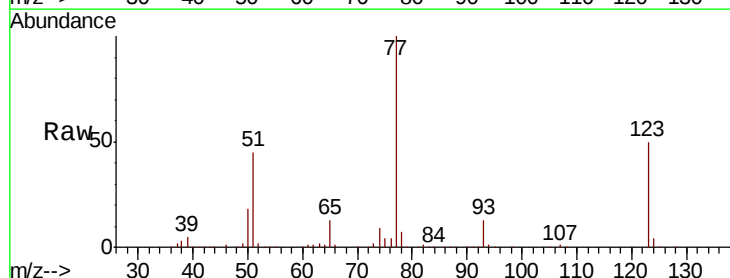
Instrument :
BNA_F
ClientSampleId :

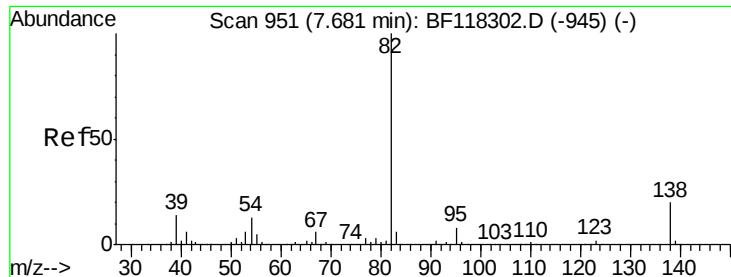
Tot Ion: 82 Resp: 932647
Ion Ratio Lower Upper
82 100
128 49.1 39.6 59.4
54 44.6 34.9 52.3



#24
Nitrobenzene
Concen: 37.026 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion: 77 Resp: 462219
Ion Ratio Lower Upper
77 100
123 49.7 39.1 58.7
65 13.4 10.6 16.0

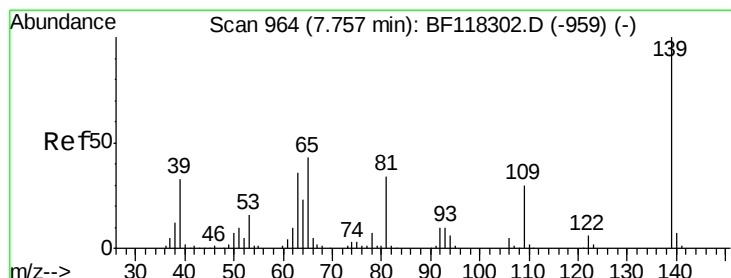
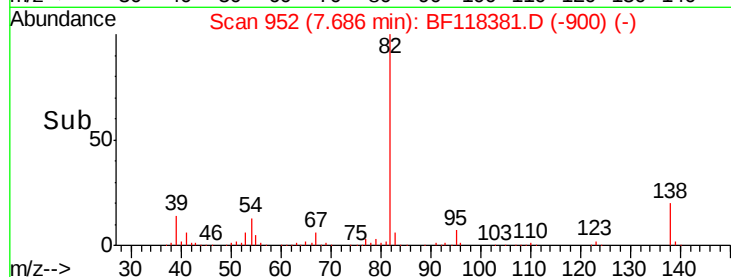
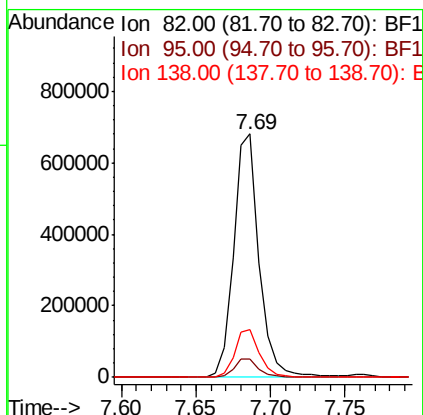
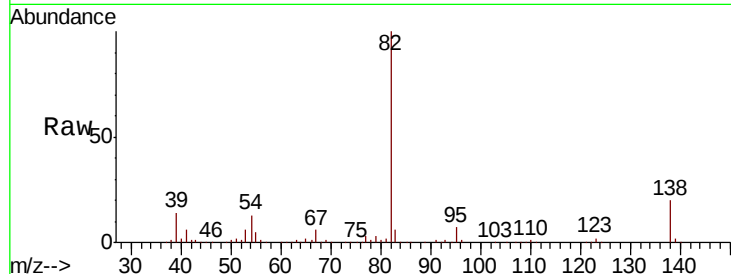




#25
Isophorone
Concen: 37.383 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

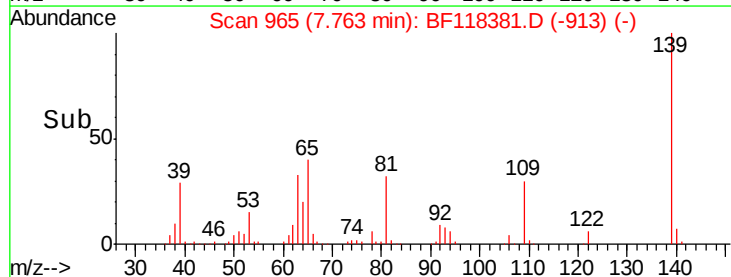
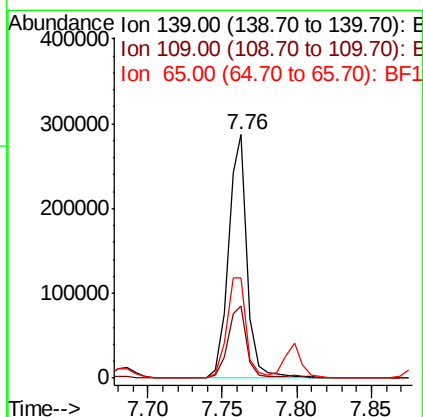
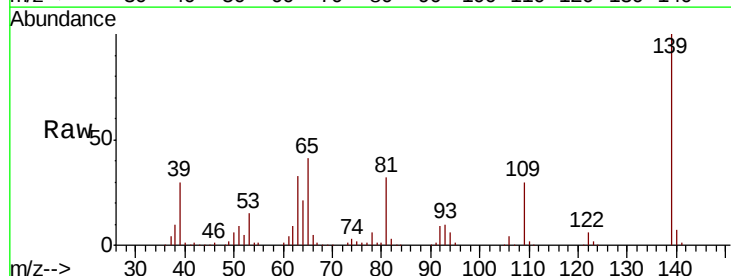
Instrument :
BNA_F
ClientSampleId :

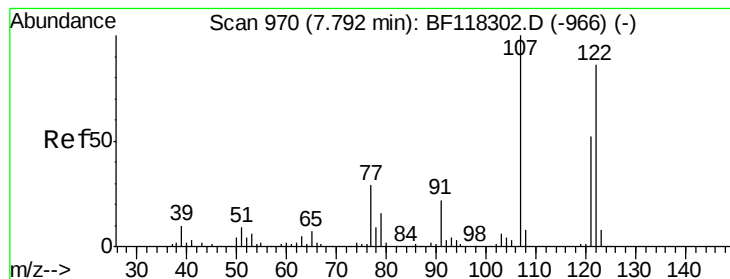
Tot Ion: 82 Resp: 811906
Ion Ratio Lower Upper
82 100
95 7.3 6.3 9.5
138 19.8 16.2 24.2



#26
2-Nitrophenol
Concen: 38.636 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion: 139 Resp: 255468
Ion Ratio Lower Upper
139 100
109 29.8 24.1 36.1
65 41.0 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 37.129 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

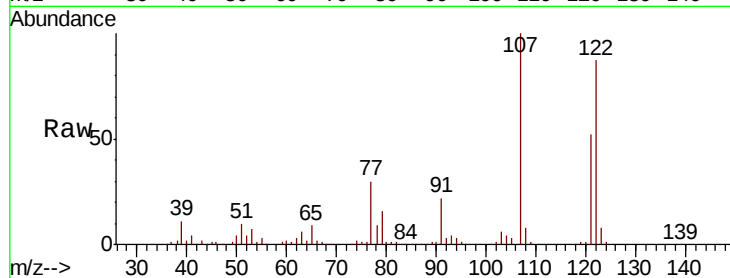
Tot Ion:122 Resp: 334962

Ion Ratio Lower Upper

122 100

107 115.3 92.9 139.3

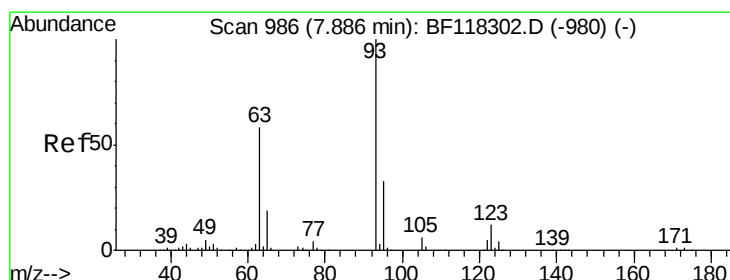
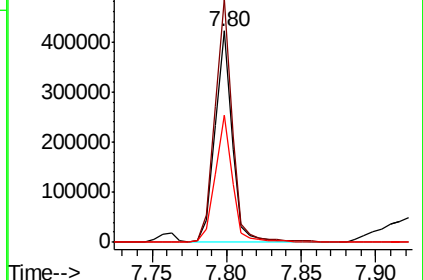
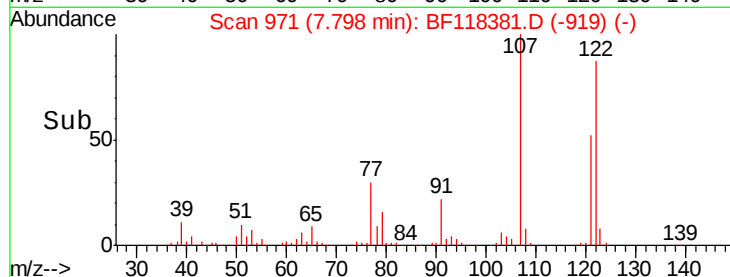
121 60.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.114 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

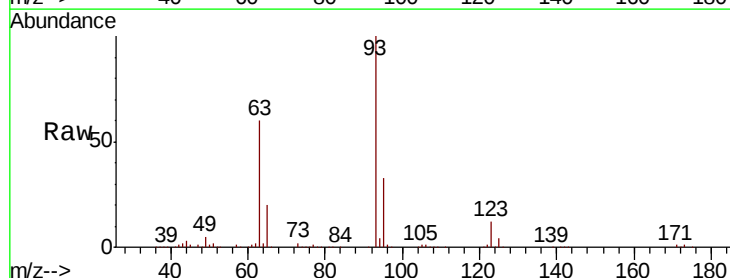
Tgt Ion: 93 Resp: 541379

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

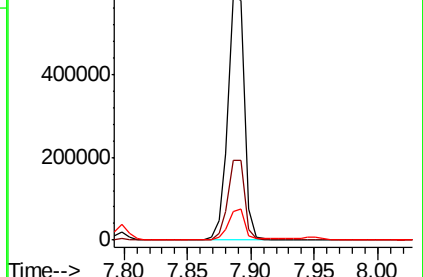
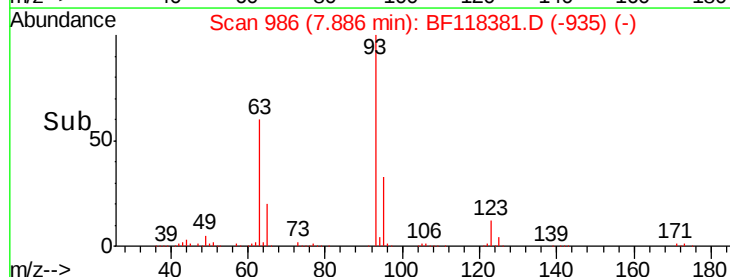
123 11.6 9.8 14.8

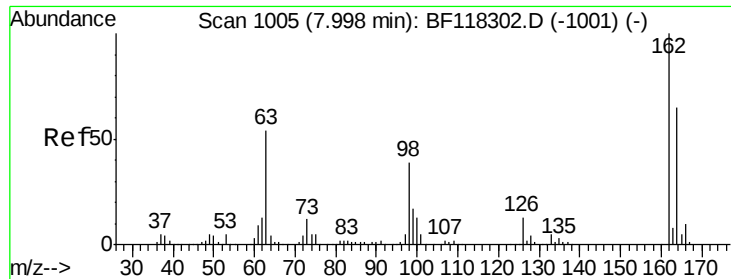


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

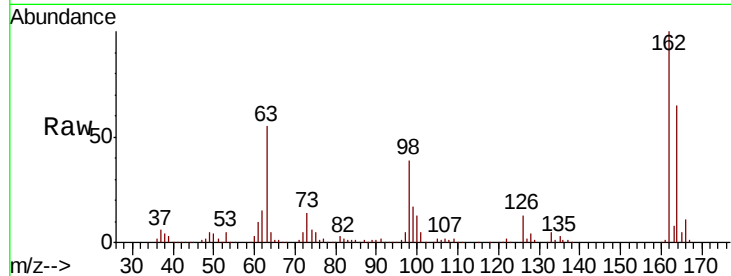




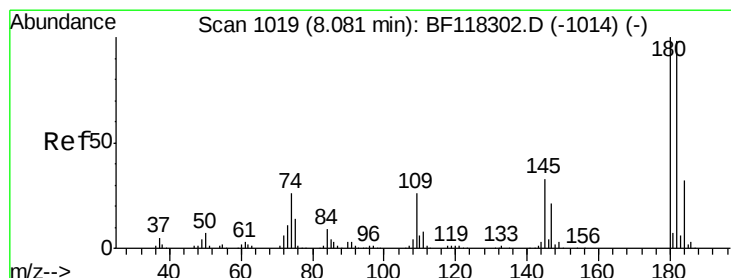
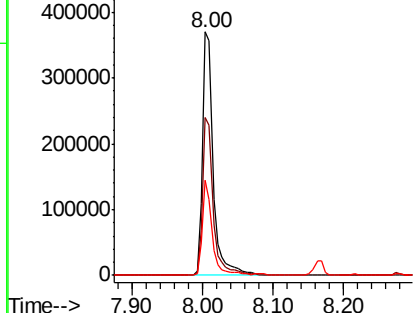
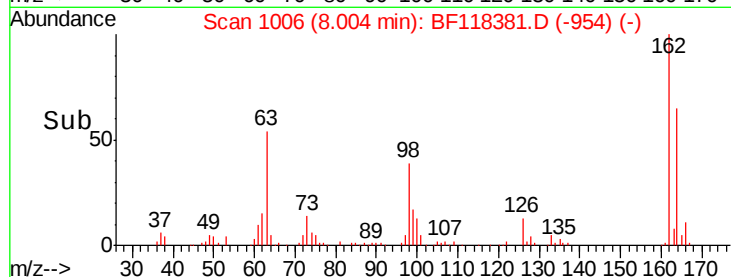
#29
2,4-Dichlorophenol
Concen: 38.095 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 395572
Ion Ratio Lower Upper
162 100
164 64.9 45.1 85.1
98 38.8 18.6 58.6

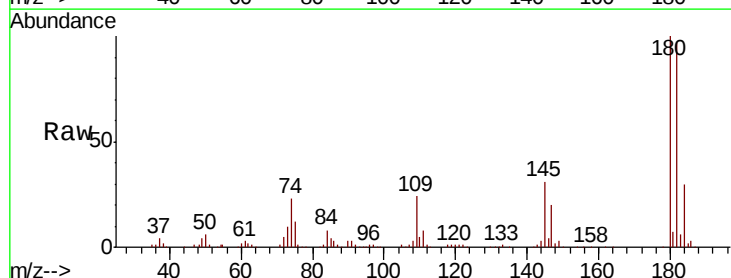


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

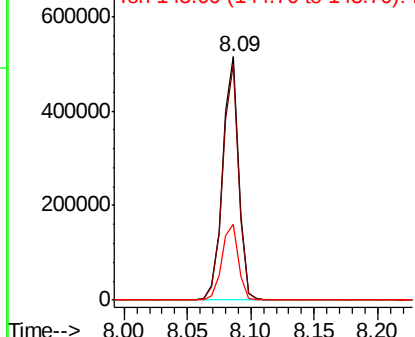
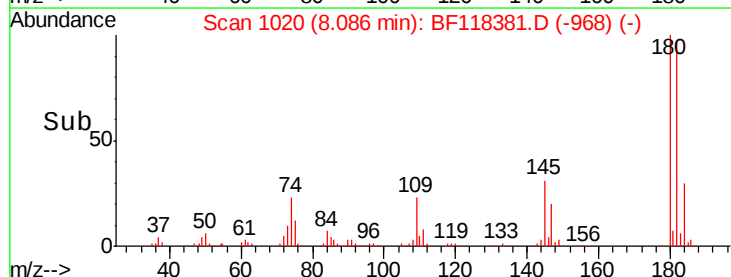


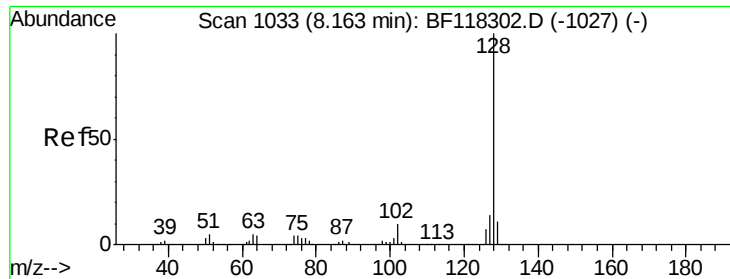
#30
1,2,4-Trichlorobenzene
Concen: 37.725 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:180 Resp: 456325
Ion Ratio Lower Upper
180 100
182 96.7 78.3 117.5
145 31.4 26.7 40.1



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

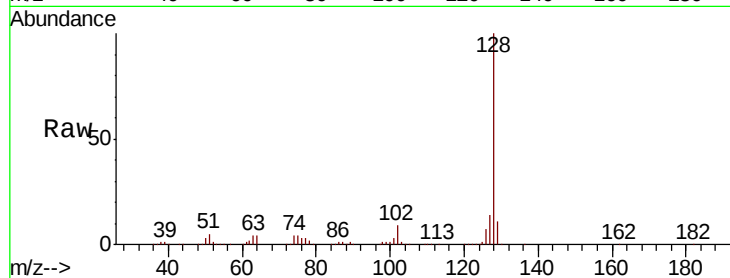




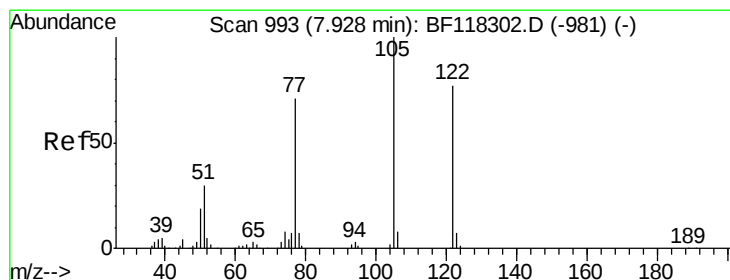
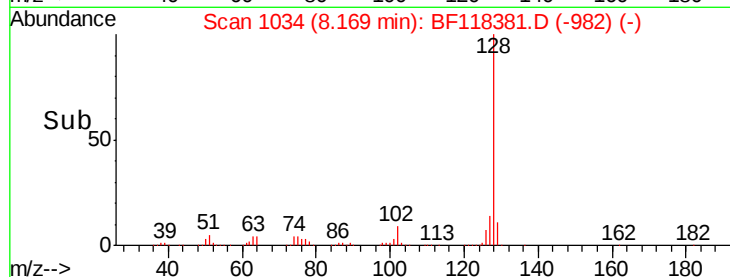
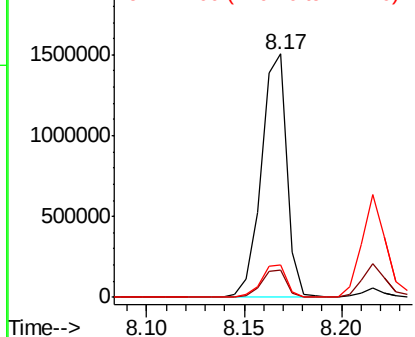
#31
Naphthalene
Concen: 37.656 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1364186
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.5 11.0 16.4

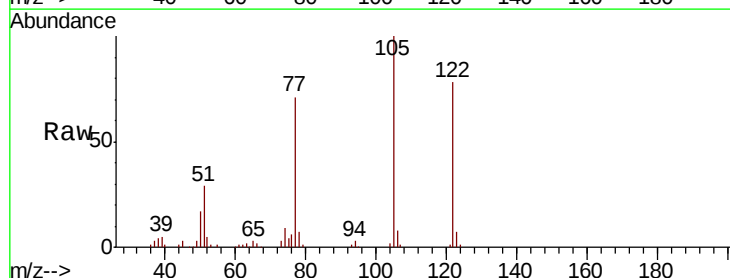


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

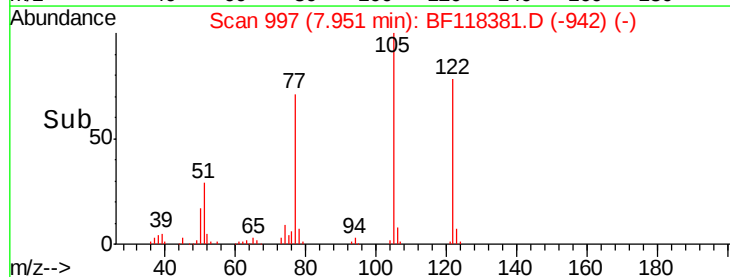
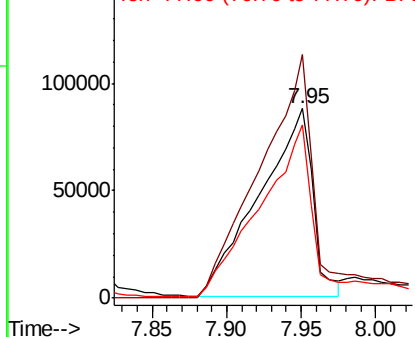


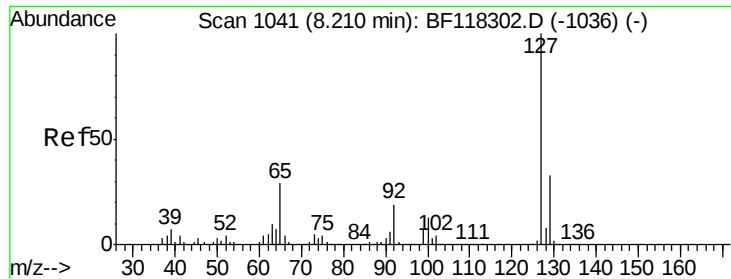
#32
Benzoic acid
Concen: 30.879 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:122 Resp: 217751
Ion Ratio Lower Upper
122 100
105 128.5 106.8 146.8
77 91.6 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

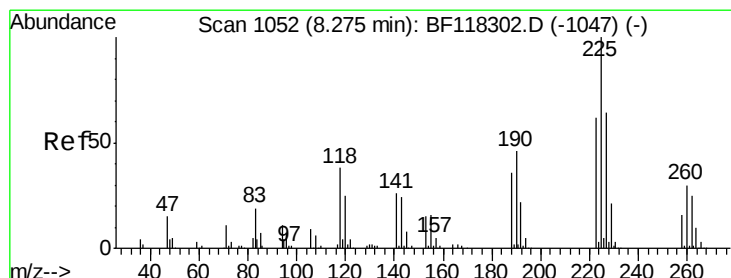
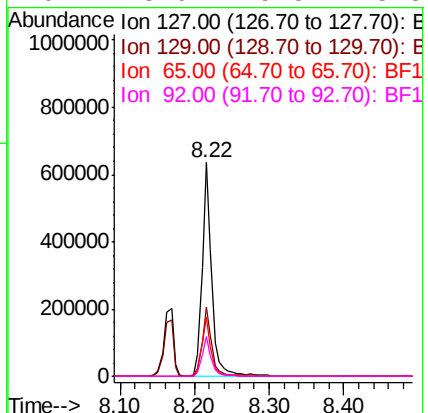
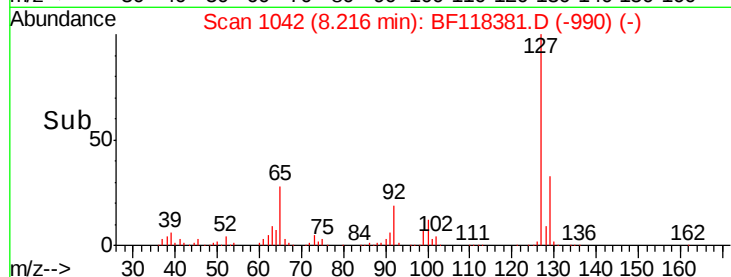
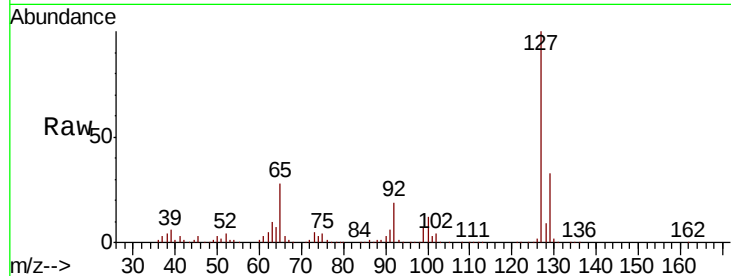




#33
4-Chloroaniline
Concen: 37.455 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

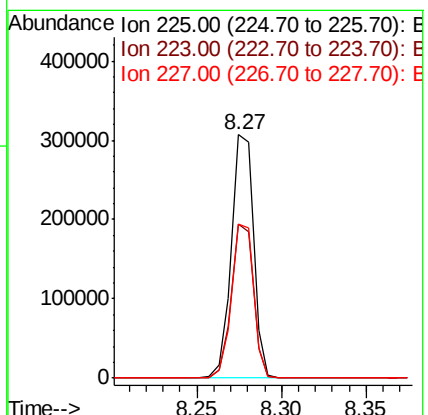
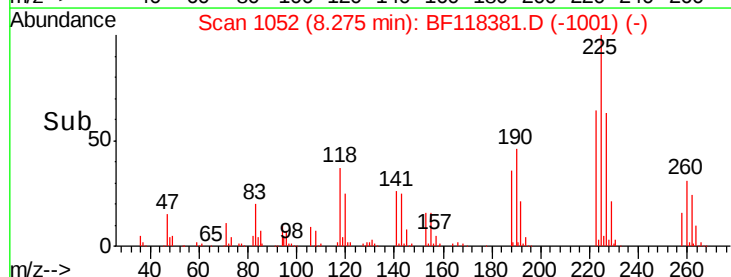
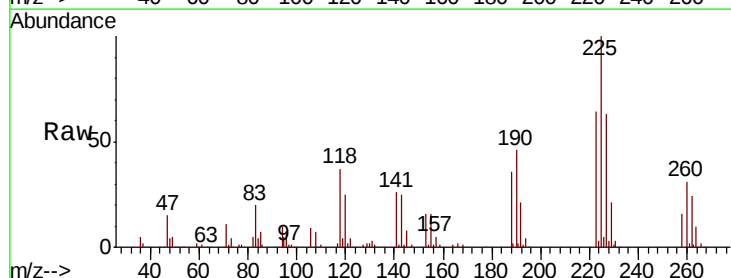
Instrument :
BNA_F
ClientSampled :

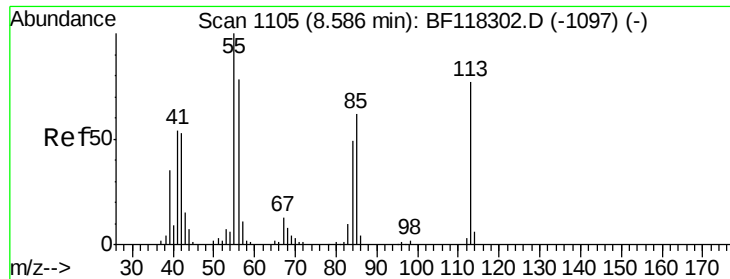
Tot Ion:	127	Resp:	581697
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	27.8	22.8	34.2
92	18.9	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.851 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:	225	Resp:	279742
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.5	74.3
227	63.3	51.0	76.4

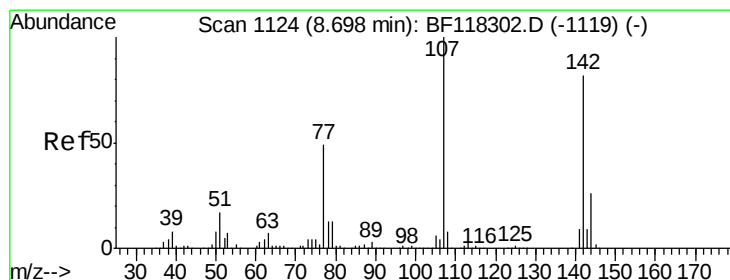
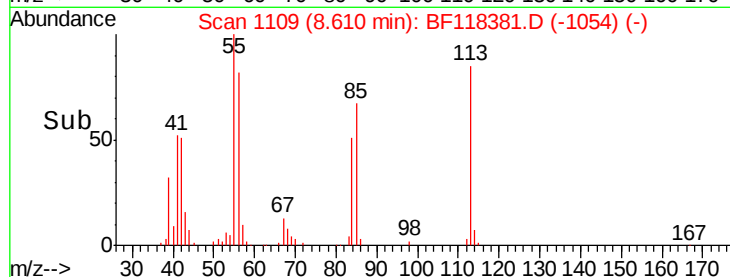
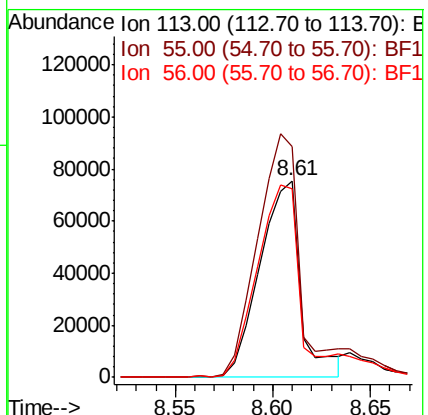
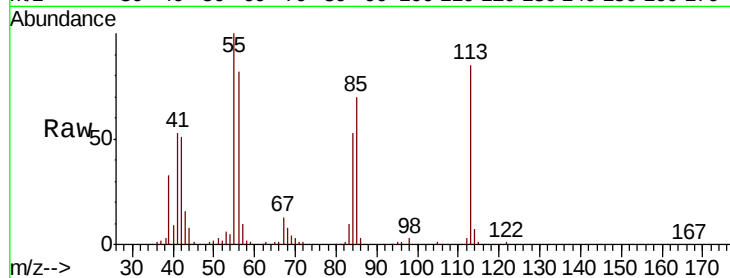




#35
Caprolactam
Concen: 33.813 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

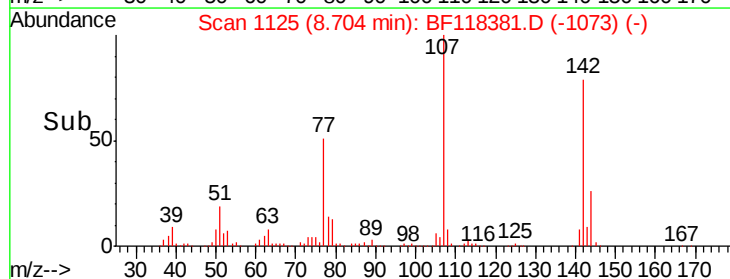
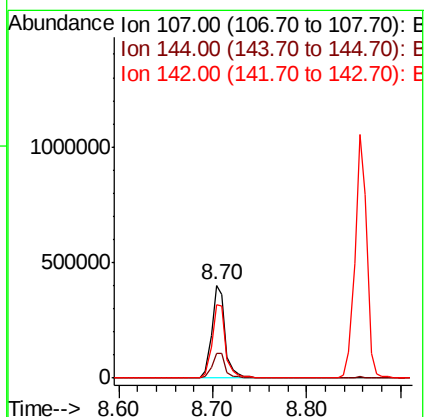
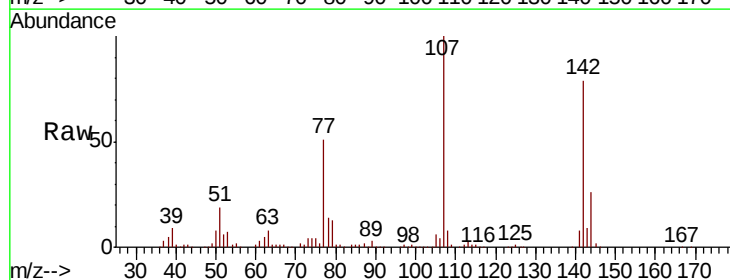
Instrument :
BNA_F
ClientSampleID :

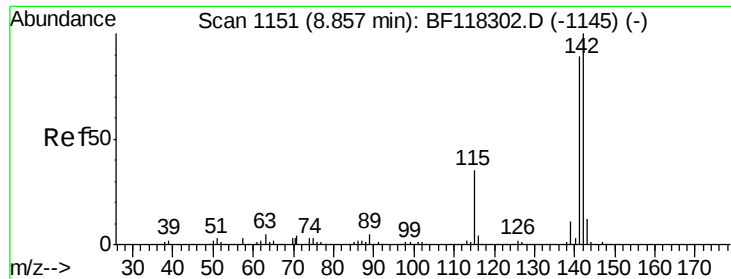
Tot Ion:113 Resp: 109617
Ion Ratio Lower Upper
113 100
55 117.4 109.8 149.8
56 95.9 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 36.767 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:107 Resp: 409896
Ion Ratio Lower Upper
107 100
144 26.1 21.2 31.8
142 79.0 65.4 98.2

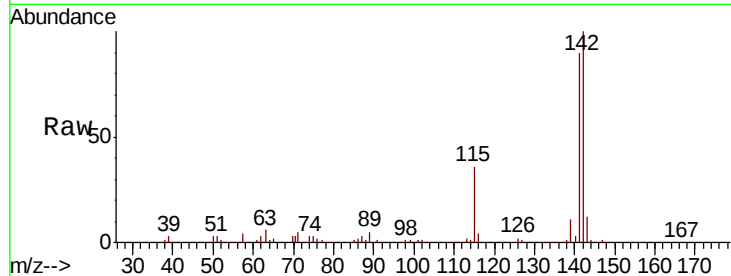




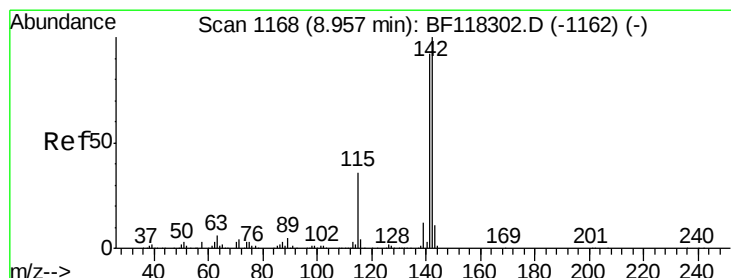
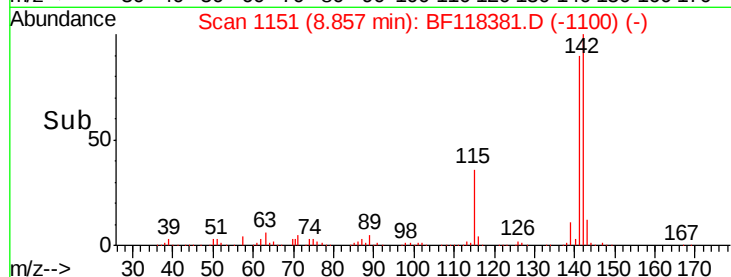
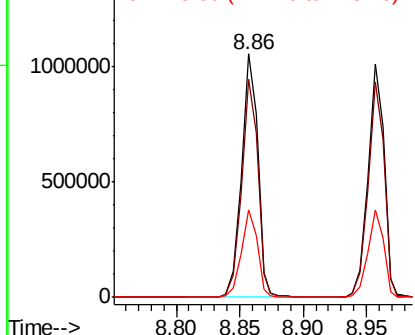
#37
2-Methylnaphthalene
Concen: 37.312 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 925474
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 35.7 28.0 42.0

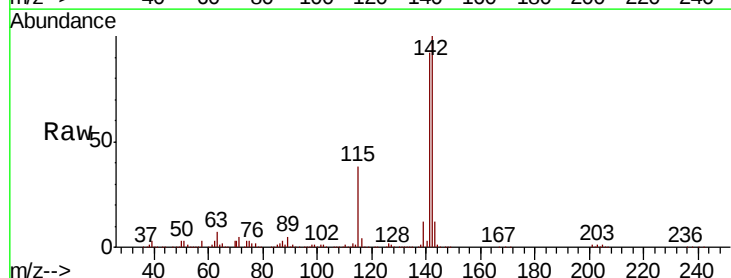


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

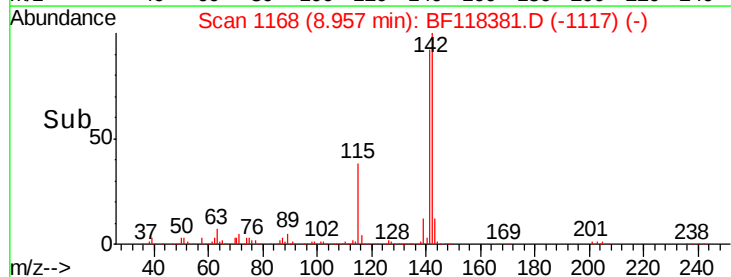
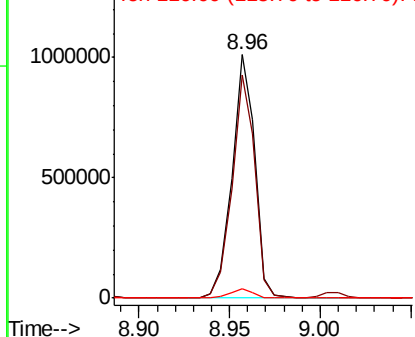


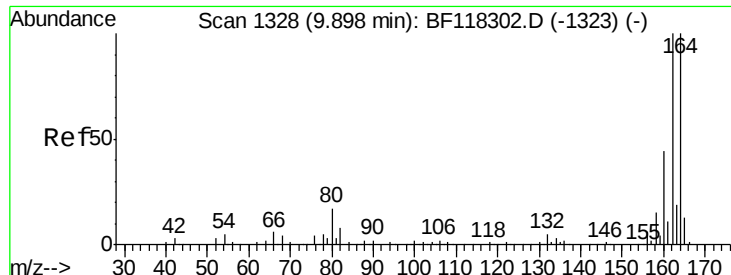
#38
1-Methylnaphthalene
Concen: 37.513 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:142 Resp: 876625
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2
116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

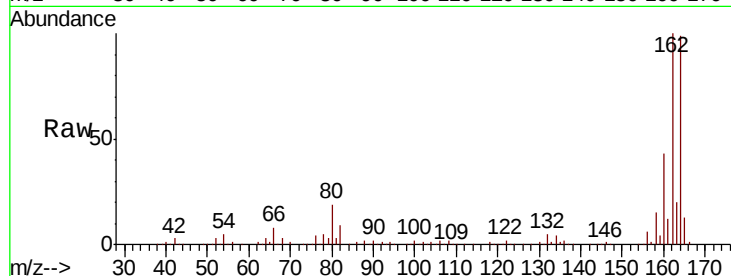




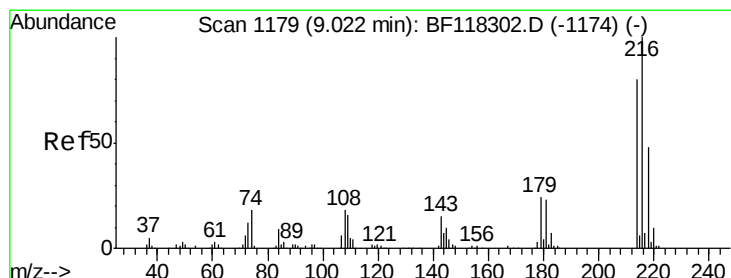
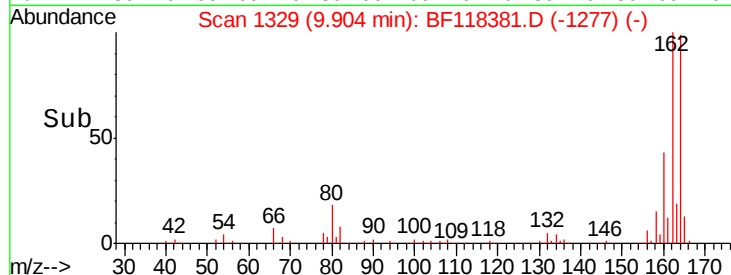
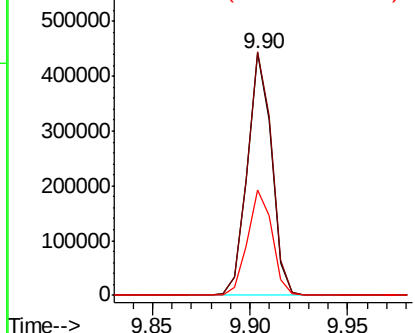
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 379263
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.0 120.0
 160 43.7 34.8 52.2

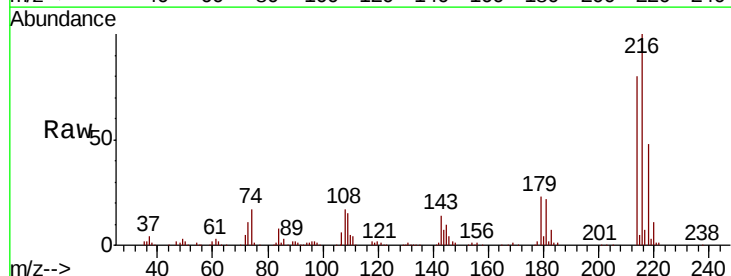


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

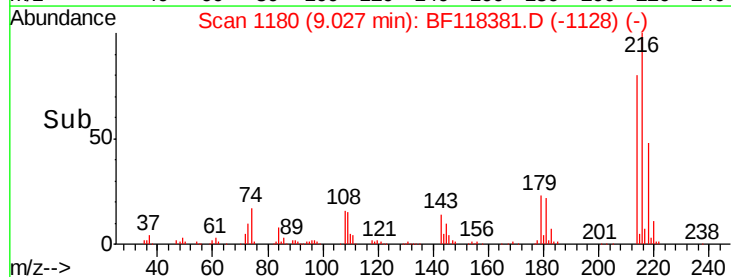
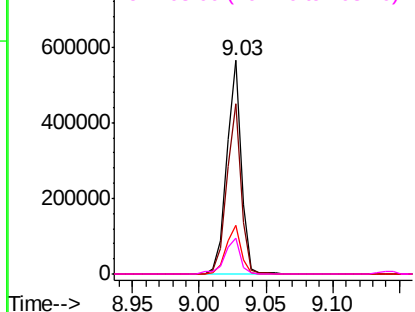


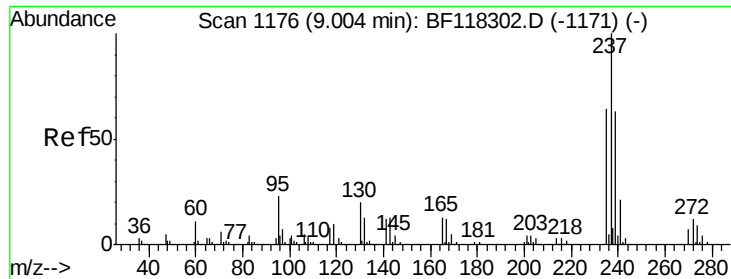
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.160 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion:216 Resp: 434841
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.3 94.9
 179 23.1 18.9 28.3
 108 18.4 15.0 22.6



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

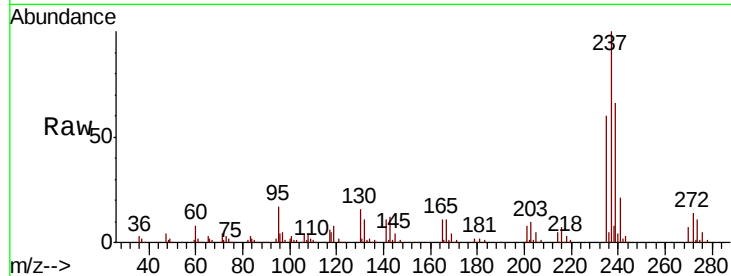




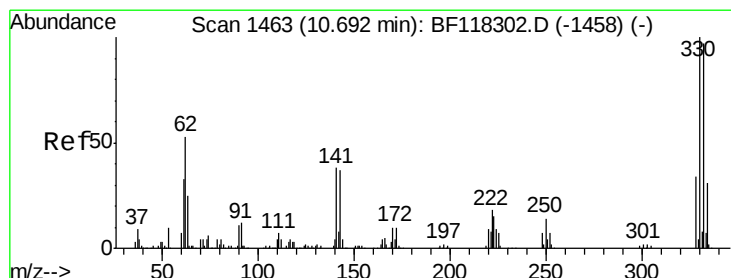
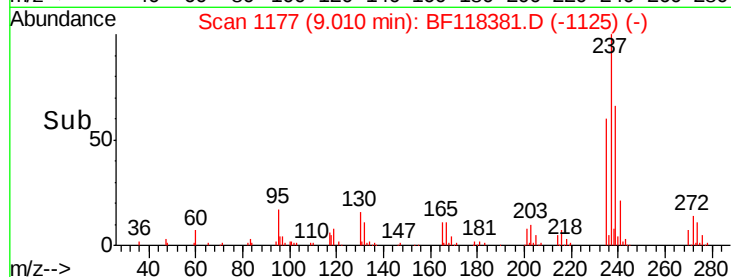
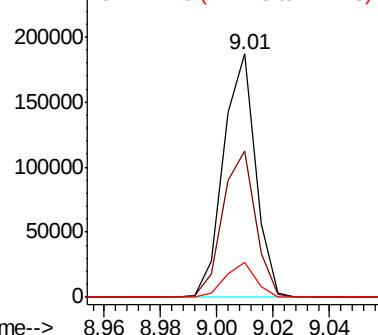
#41
Hexachlorocyclopentadiene
Concen: 36.388 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	60.0	43.8	83.8
272	14.2	0.0	31.7

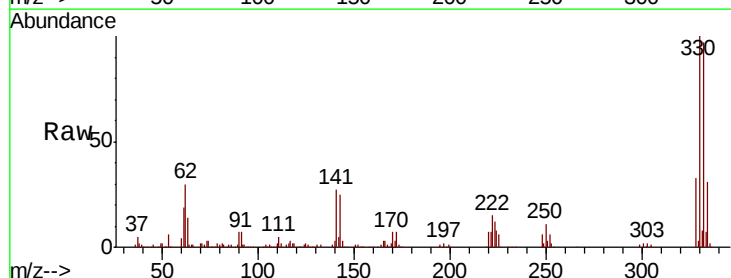


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

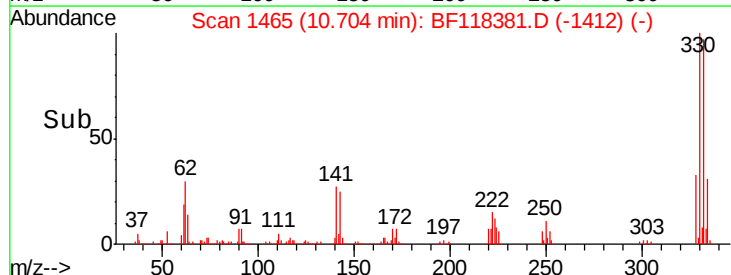
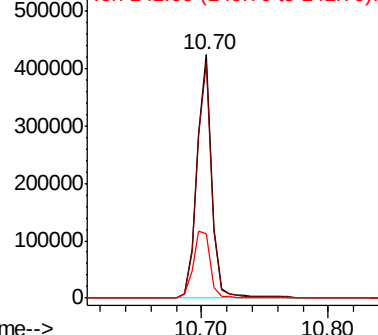


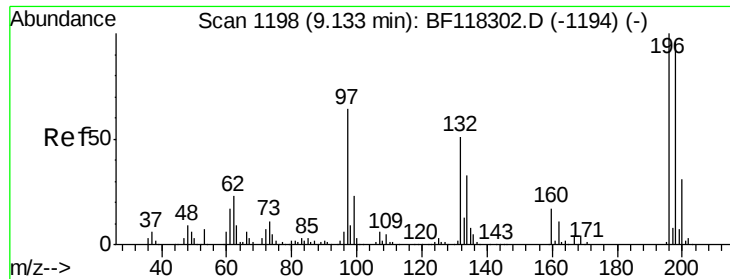
#42
2,4,6-Tribromophenol
Concen: 73.828 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	32.2	26.0	39.0



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

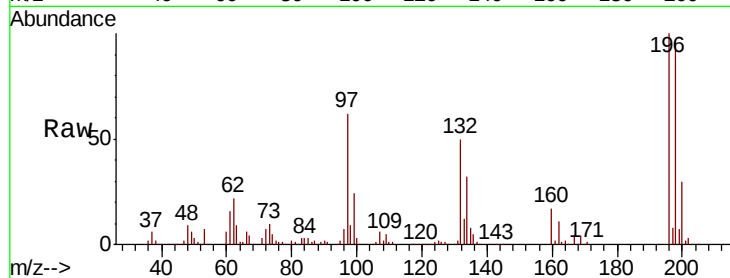




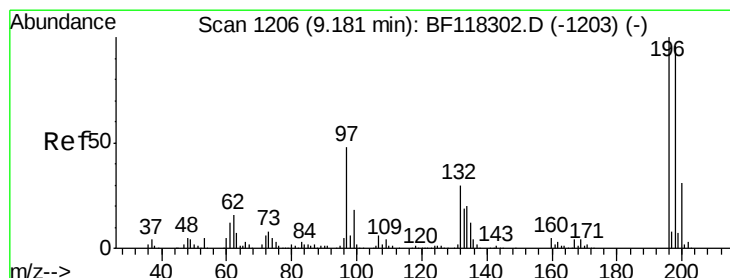
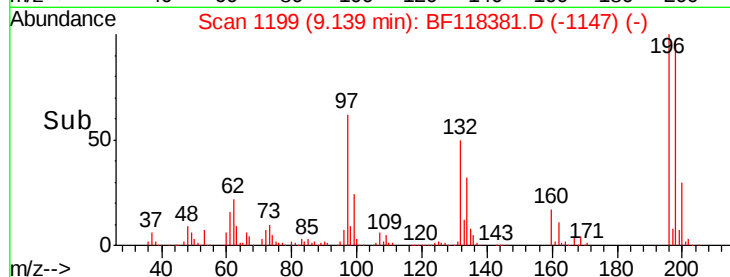
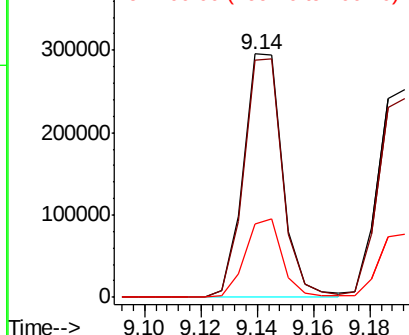
#43
 2,4,6-Trichlorophenol
 Concen: 37.223 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.7	115.1
200	30.0	24.8	37.2

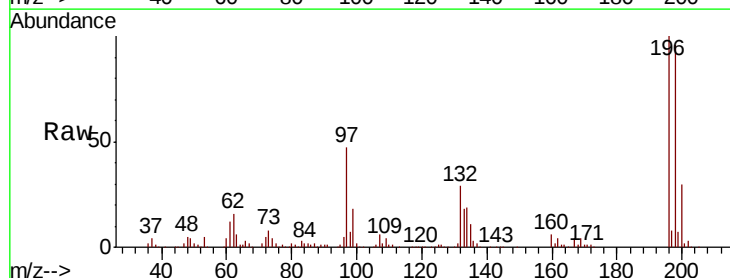


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

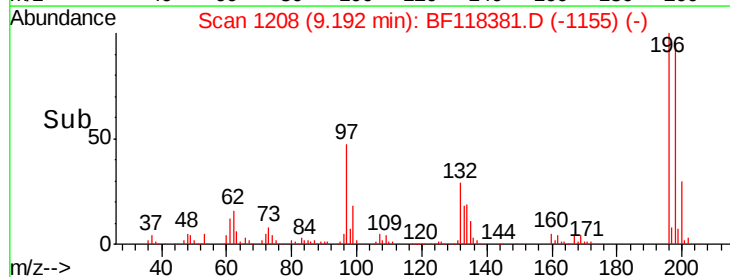
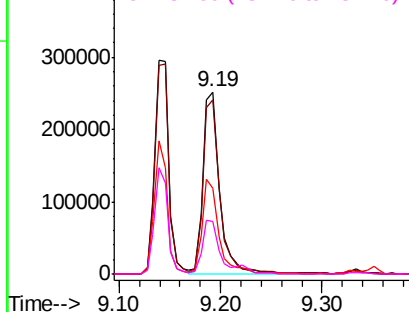


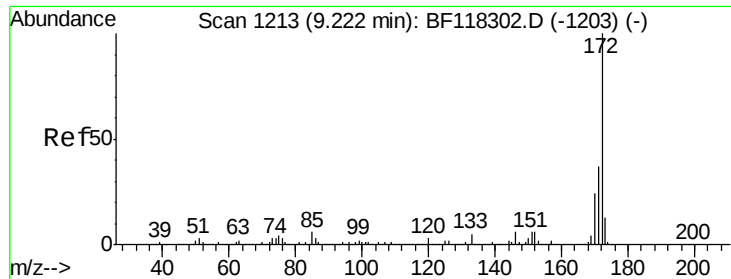
#44
 2,4,5-Trichlorophenol
 Concen: 37.000 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.4
97	46.8	38.9	58.3
132	28.6	23.9	35.9



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

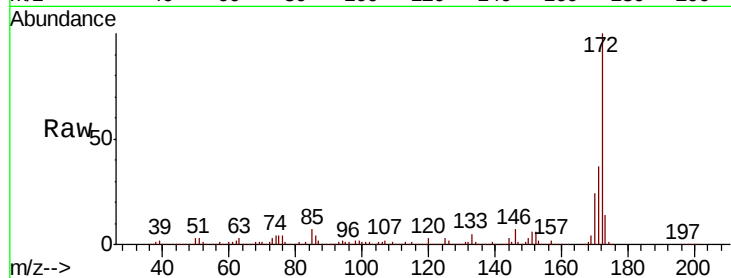




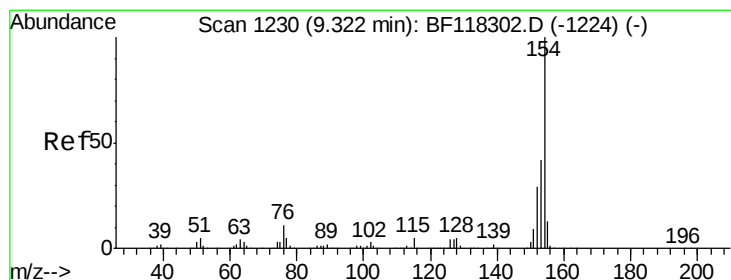
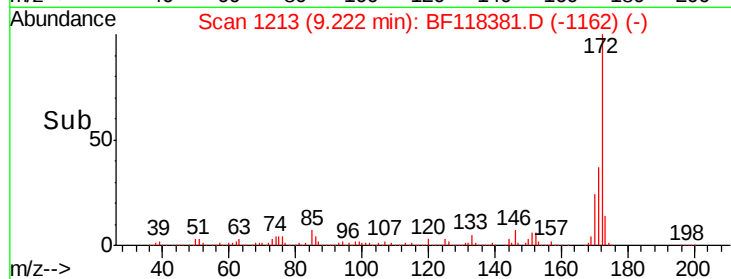
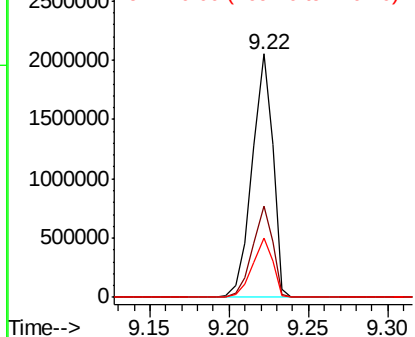
#45
2-Fluorobiphenyl
Concen: 75.080 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1865410
Ion Ratio Lower Upper
172 100
171 37.3 29.3 43.9
170 24.2 19.2 28.8

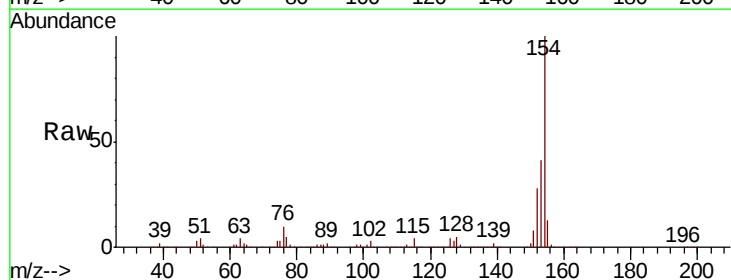


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

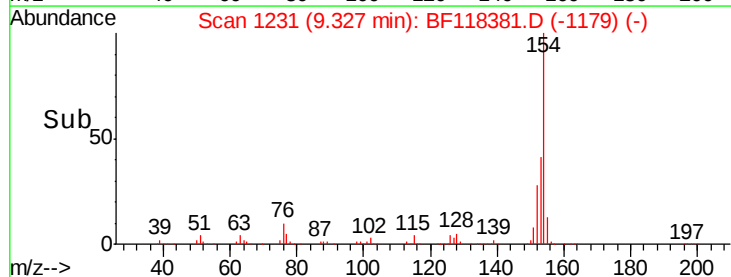
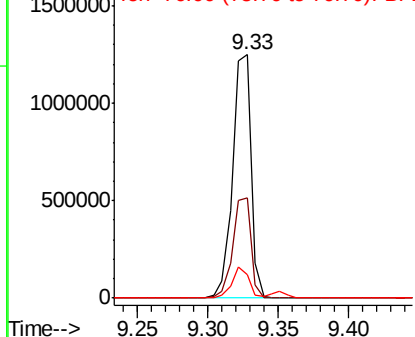


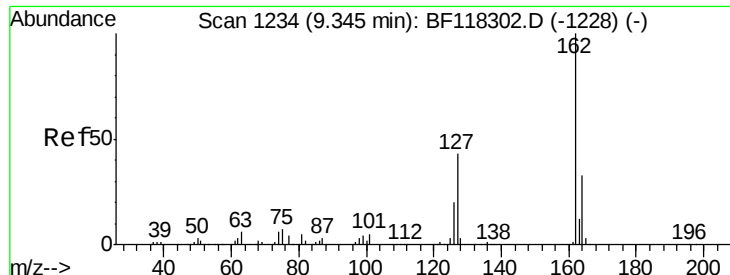
#46
1,1'-Biphenyl
Concen: 37.803 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:154 Resp: 1133988
Ion Ratio Lower Upper
154 100
153 41.2 21.8 61.8
76 9.9 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

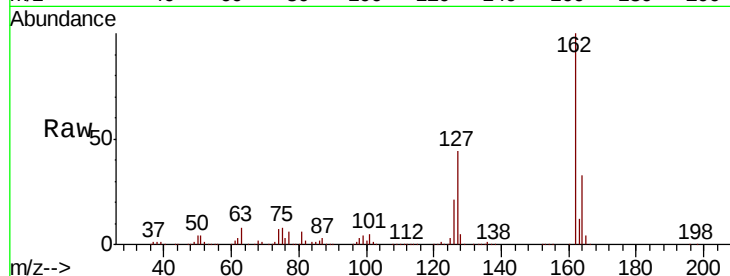




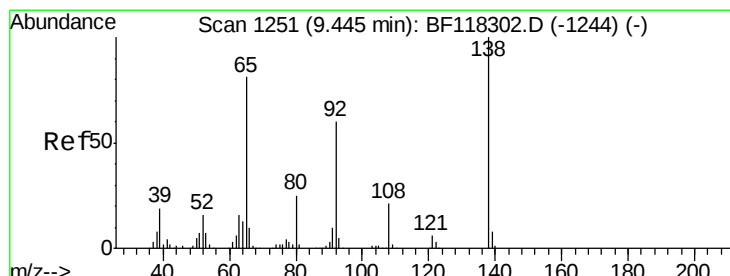
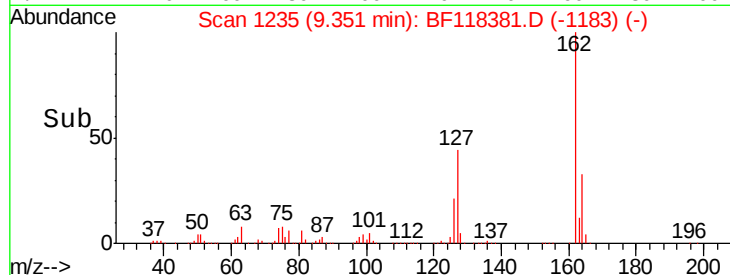
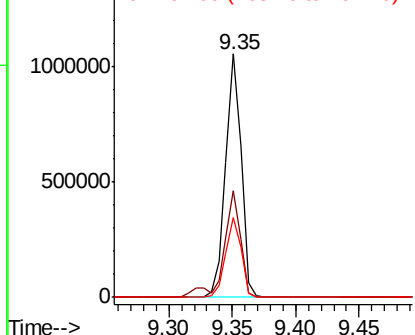
#47
 2-Chloronaphthalene
 Concen: 37.450 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	35.0	52.4
164	32.8	26.6	40.0

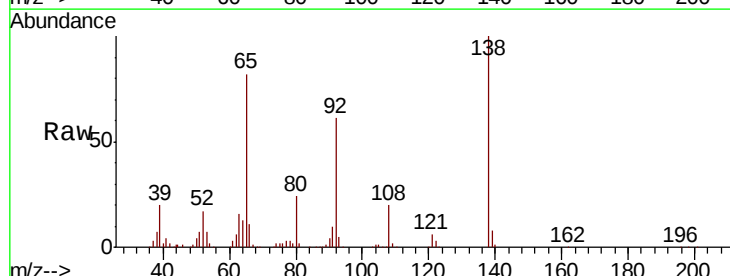


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

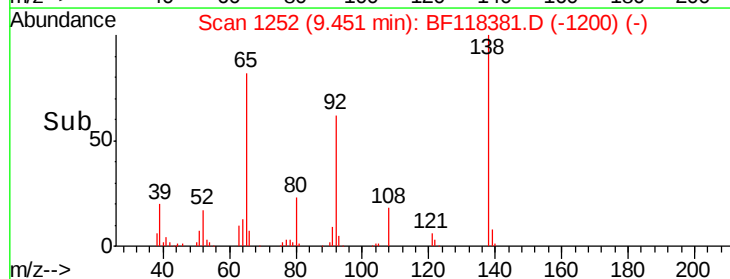
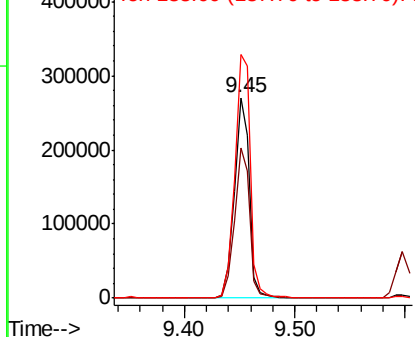


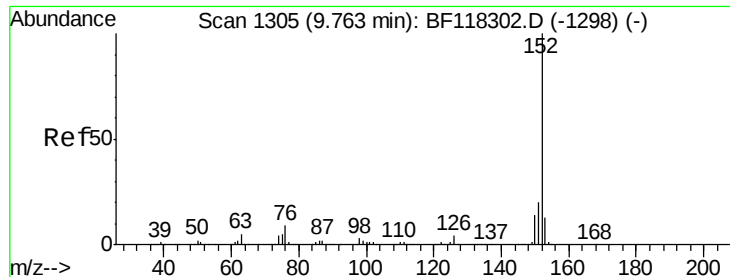
#48
 2-Nitroaniline
 Concen: 37.804 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.7	88.1
138	121.4	98.5	147.7



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





#49

Acenaphthylene

Concen: 37.163 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

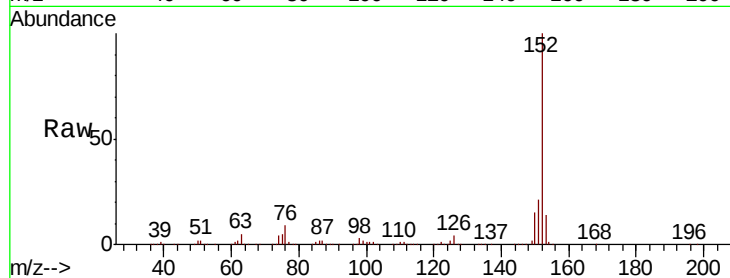
Tot Ion:152 Resp: 1330694

Ion Ratio Lower Upper

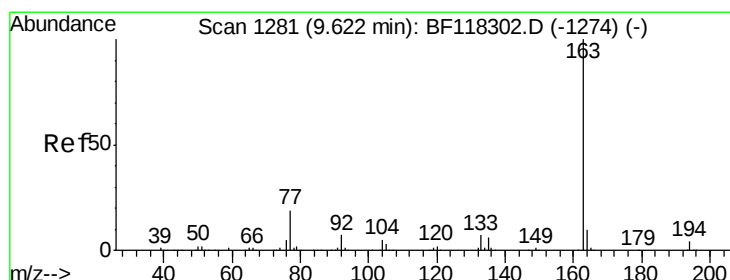
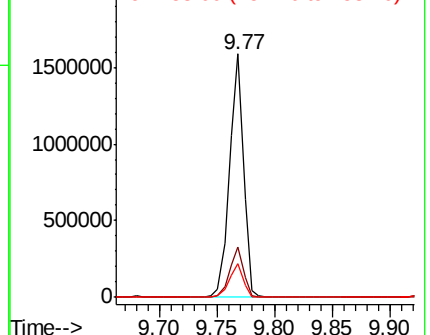
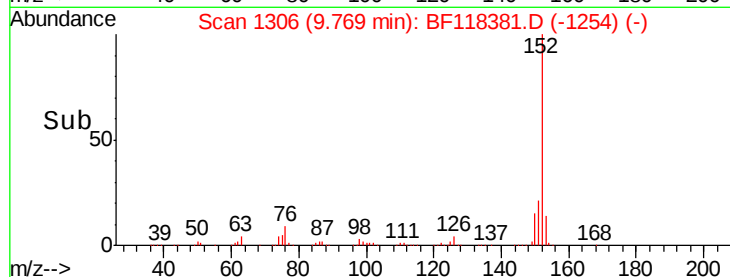
152 100

151 20.6 16.2 24.2

153 13.7 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.049 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

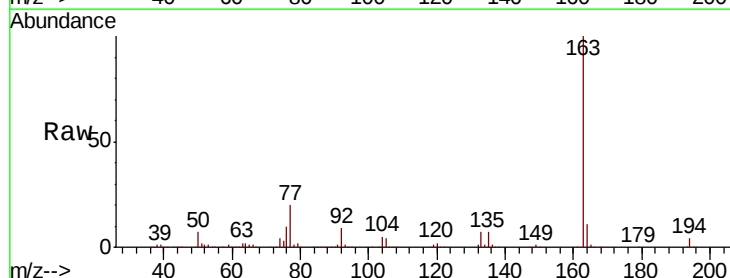
Tgt Ion:163 Resp: 1054743

Ion Ratio Lower Upper

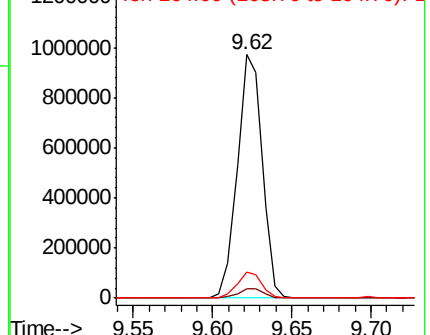
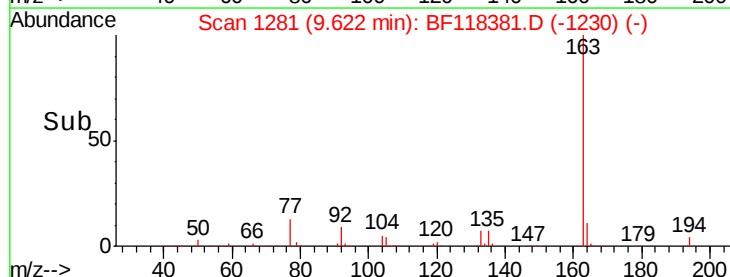
163 100

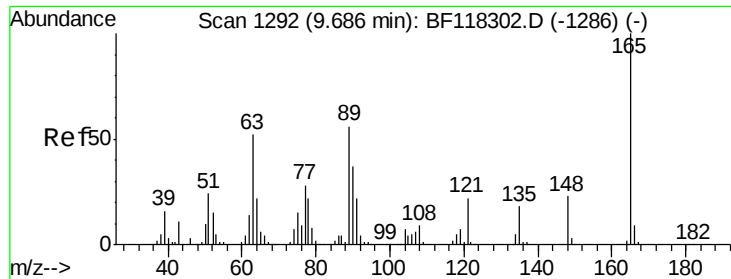
194 3.8 3.2 4.8

164 10.6 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 38.564 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

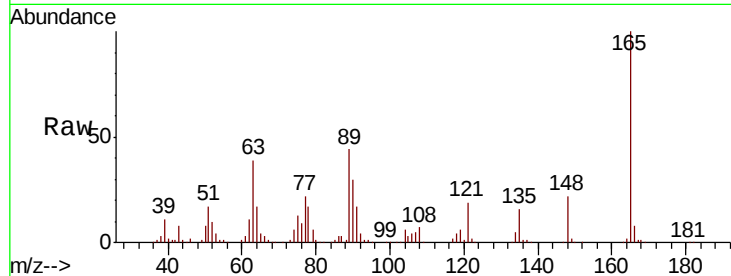
Tot Ion:165 Resp: 236692

Ion Ratio Lower Upper

165 100

63 39.3 42.2 63.4#

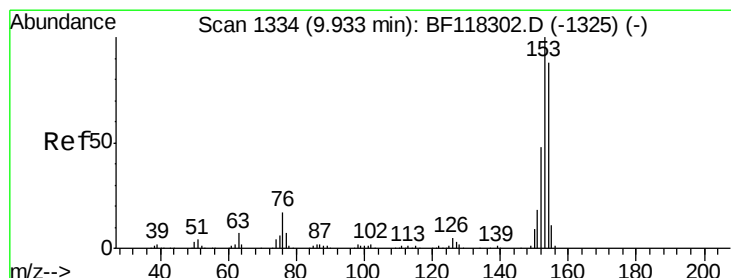
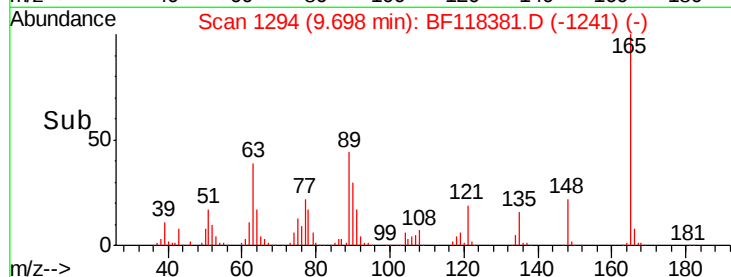
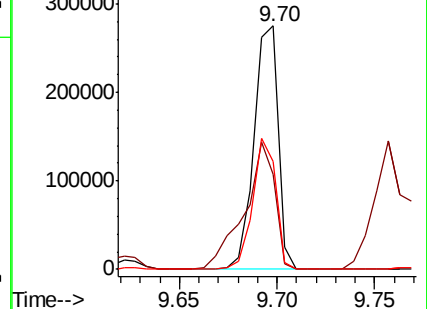
89 44.2 44.4 66.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.467 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

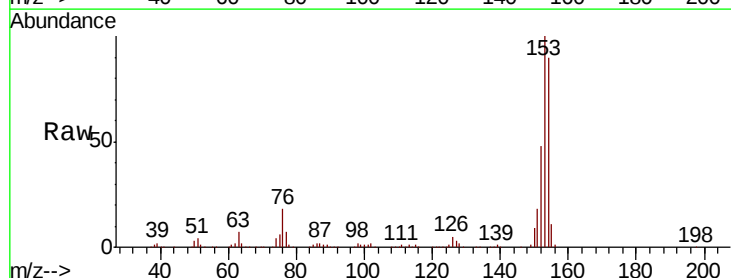
Tgt Ion:154 Resp: 817152

Ion Ratio Lower Upper

154 100

153 111.6 90.6 136.0

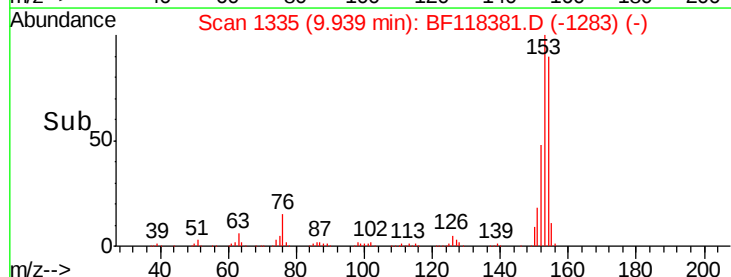
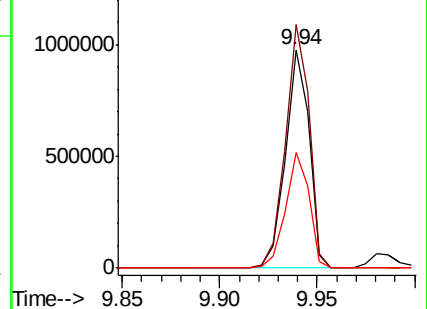
152 53.2 43.1 64.7

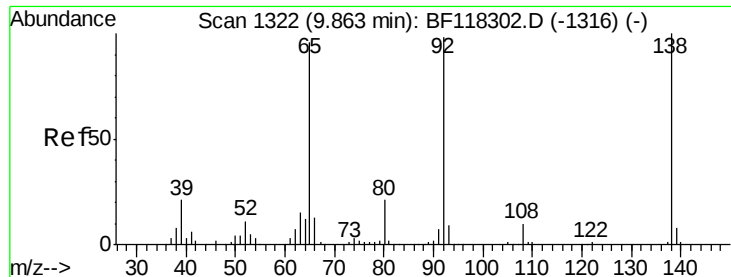


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

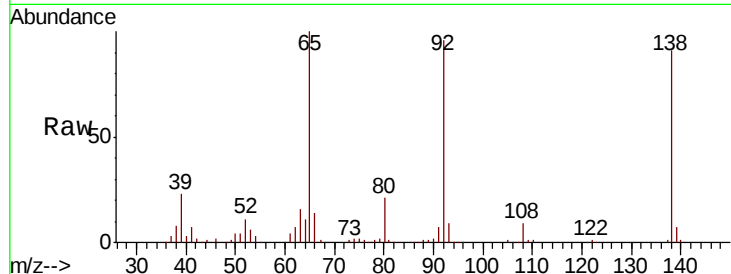




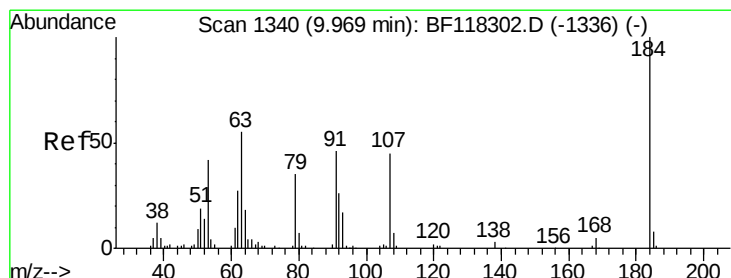
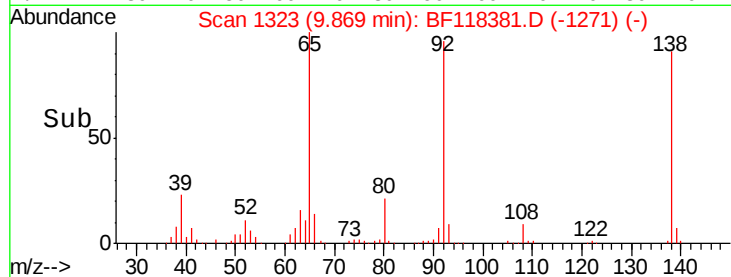
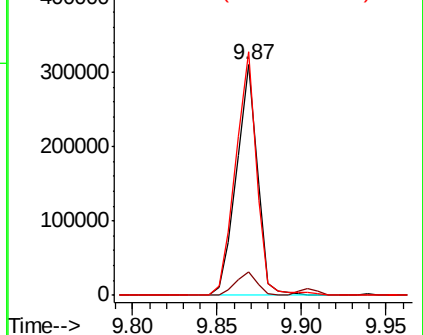
#53
3-Nitroaniline
Concen: 37.153 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 267645
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 105.5 78.2 117.2

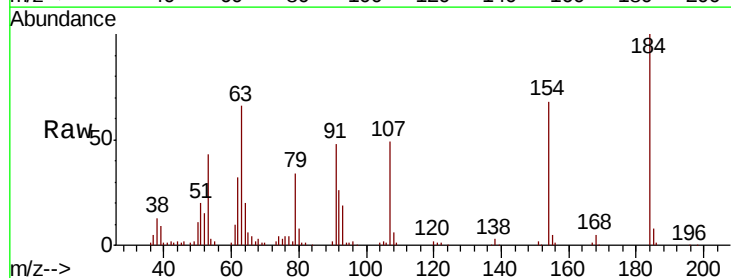


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

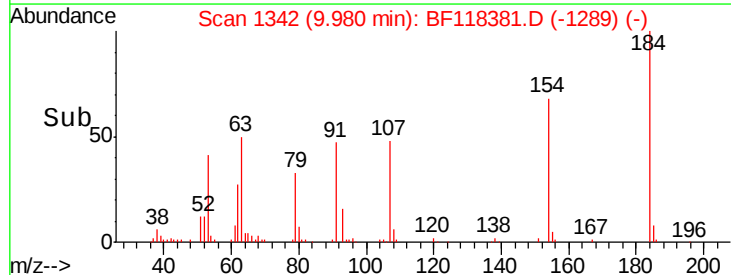
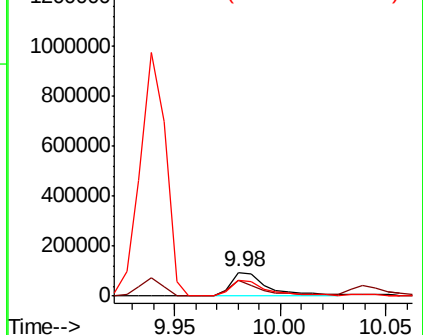


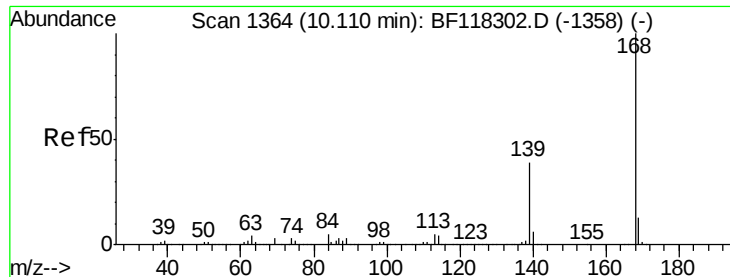
#54
2,4-Dinitrophenol
Concen: 39.478 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:184 Resp: 113482
Ion Ratio Lower Upper
184 100
63 65.6 48.8 73.2
154 67.9 55.0 82.4



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

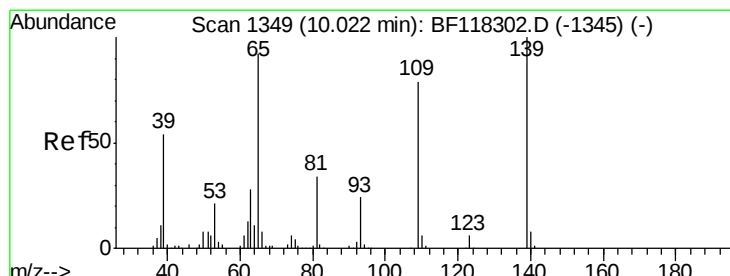
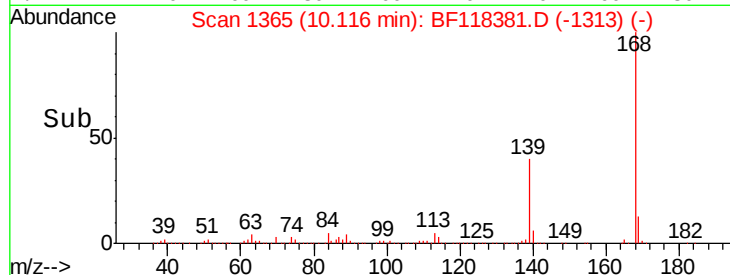
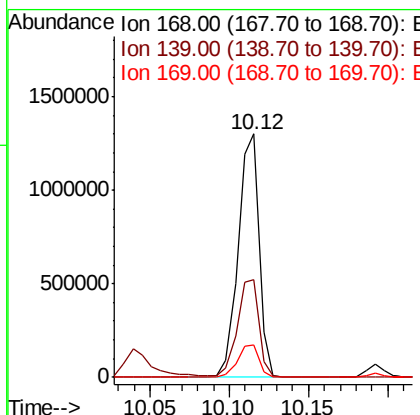
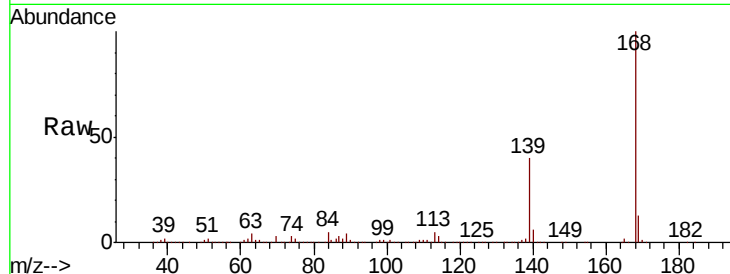




#55
Dibenzofuran
Concen: 36.744 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

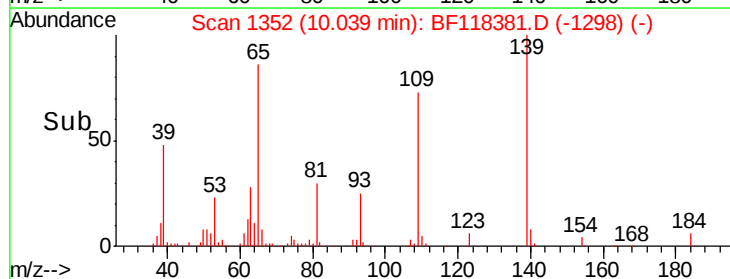
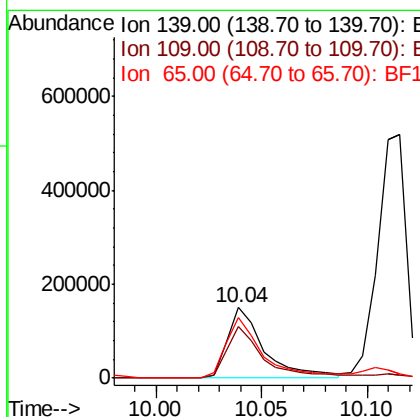
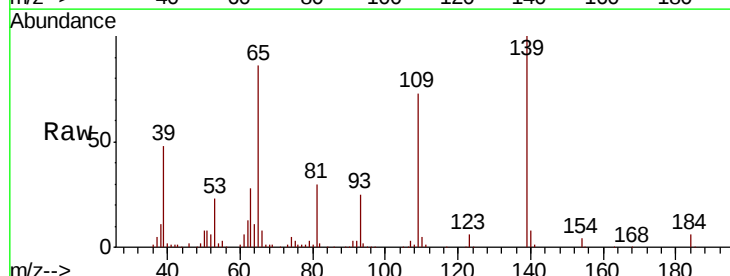
Instrument :
BNA_F
ClientSampleId :

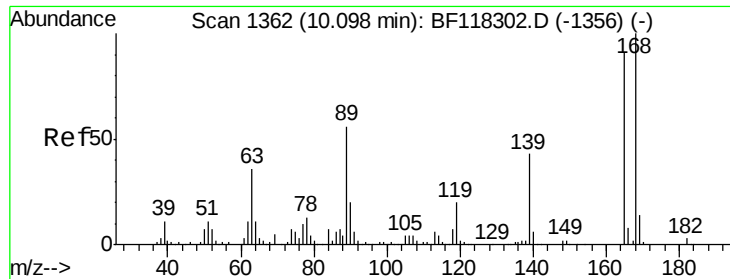
Tot Ion:168 Resp: 1184131
Ion Ratio Lower Upper
168 100
139 39.9 31.5 47.3
169 13.4 10.4 15.6



#56
4-Nitrophenol
Concen: 41.039 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:139 Resp: 182508
Ion Ratio Lower Upper
139 100
109 72.8 59.3 99.3
65 86.0 72.4 112.4

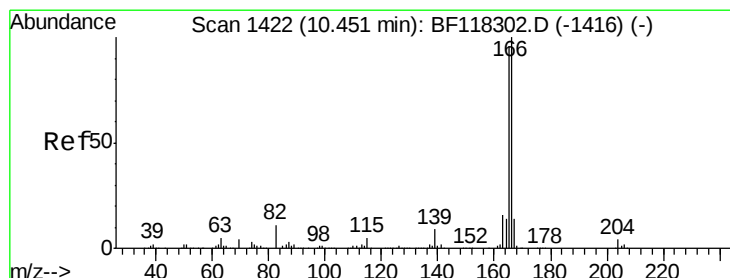
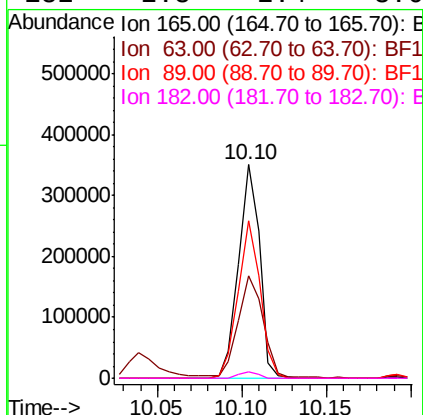
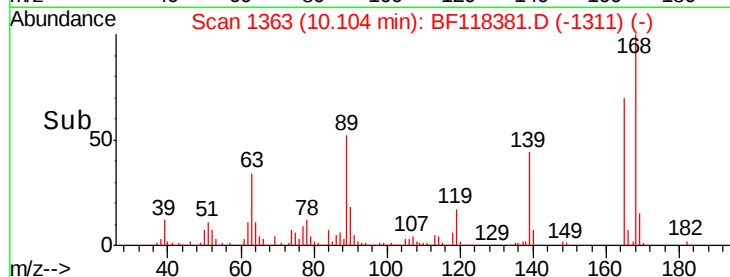
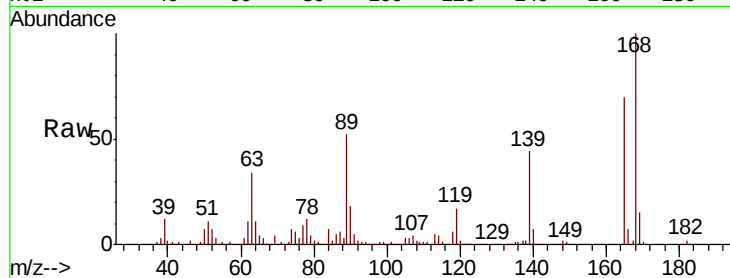




#57
2,4-Dinitrotoluene
Concen: 37.230 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

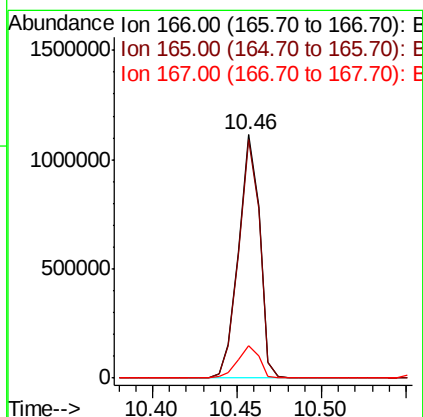
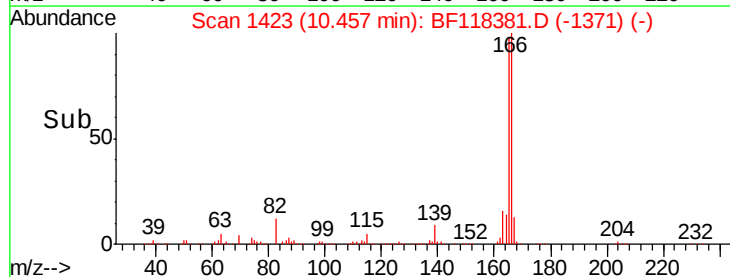
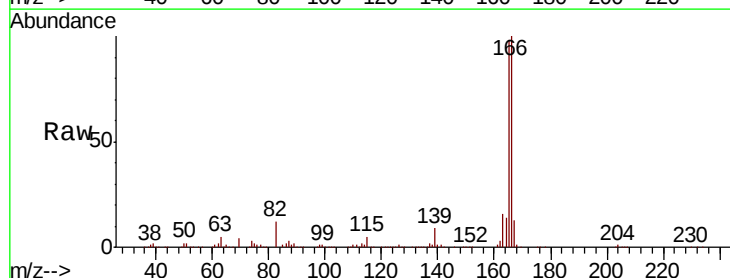
Instrument :
BNA_F
ClientSampleId :

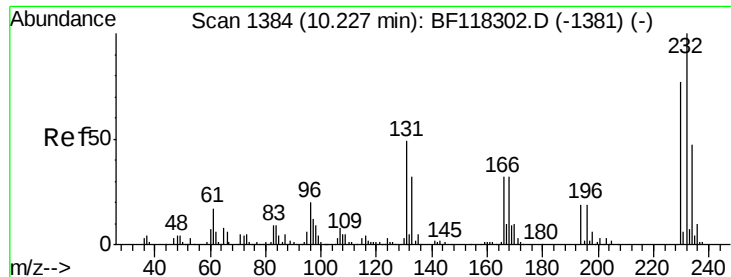
Tot Ion:165 Resp: 305336
Ion Ratio Lower Upper
165 100
63 47.7 32.0 48.0
89 73.5 49.3 73.9
182 2.8 2.4 3.6



#58
Fluorene
Concen: 37.111 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:166 Resp: 965442
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.4
167 13.4 10.9 16.3

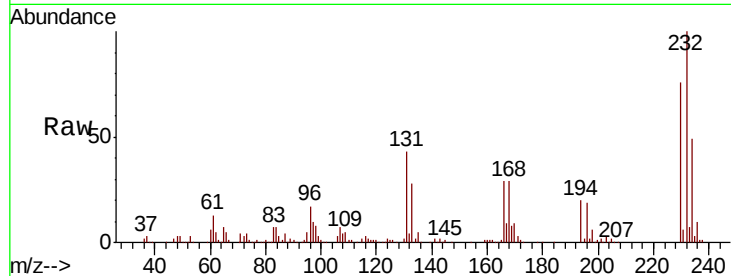




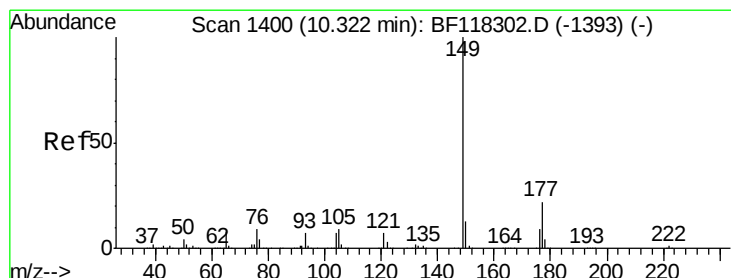
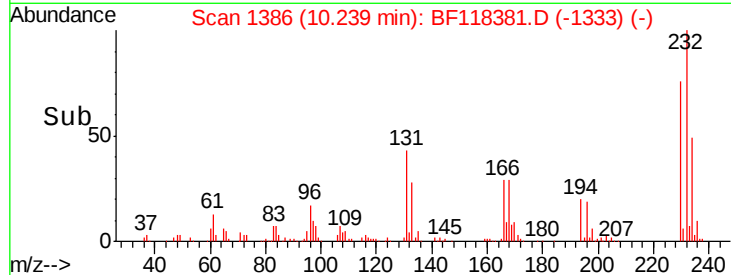
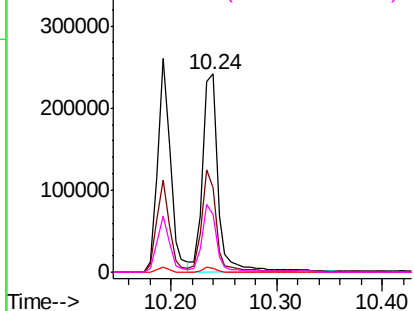
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.018 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.7	56.5
130	2.4	2.0	3.0
166	30.9	24.7	37.1

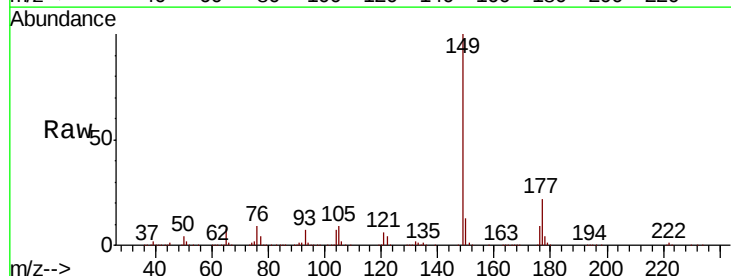


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

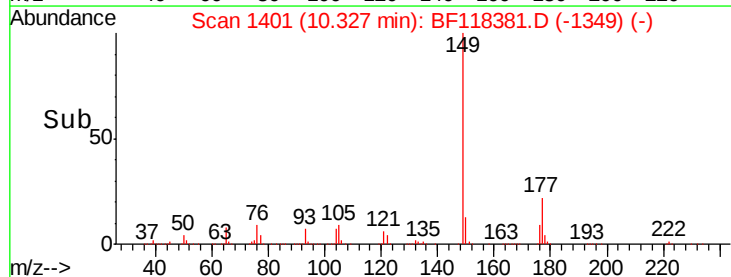
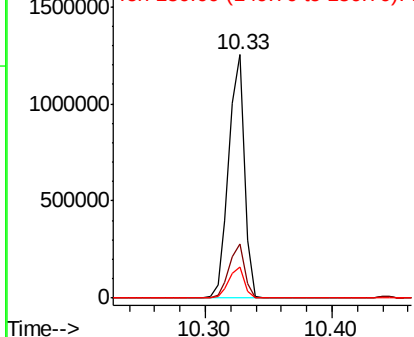


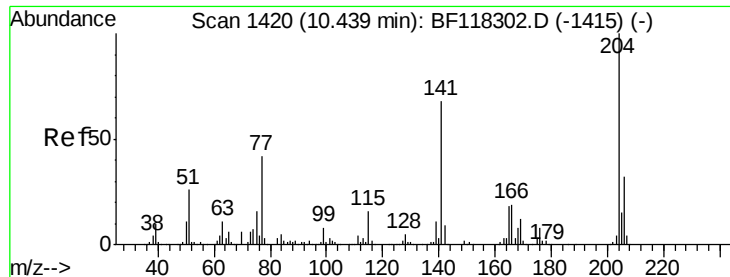
#60
Diethylphthalate
Concen: 38.161 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.9	26.9
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

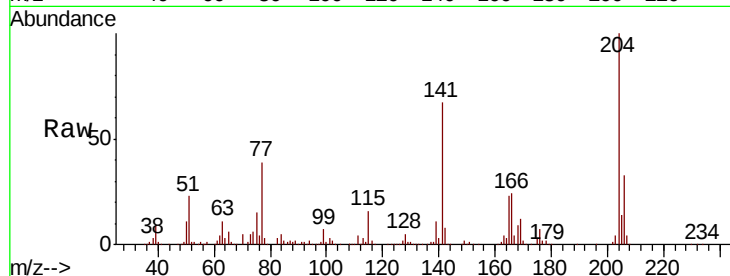




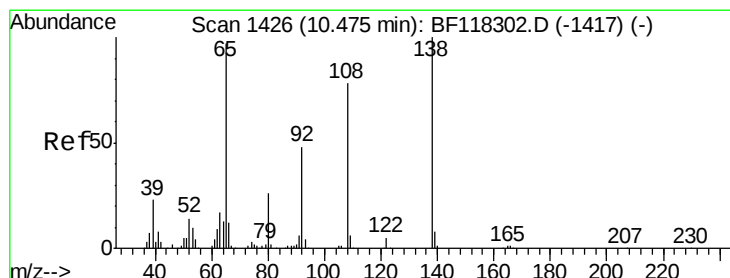
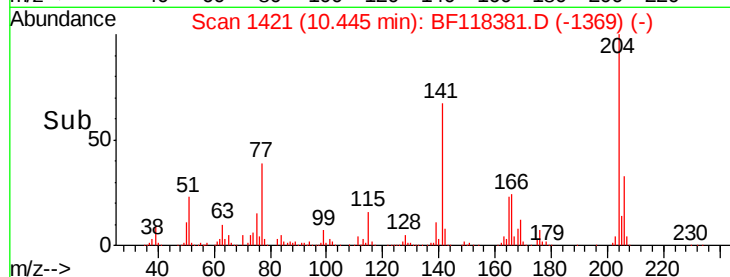
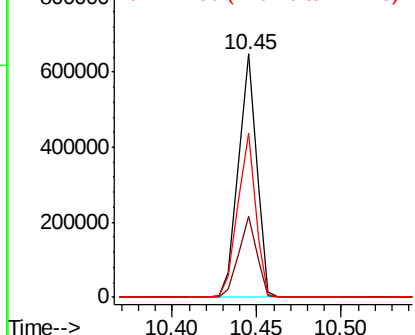
#61
4-Chlorophenyl-phenylether
Concen: 37.650 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 488952
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.8
141 67.3 54.2 81.4

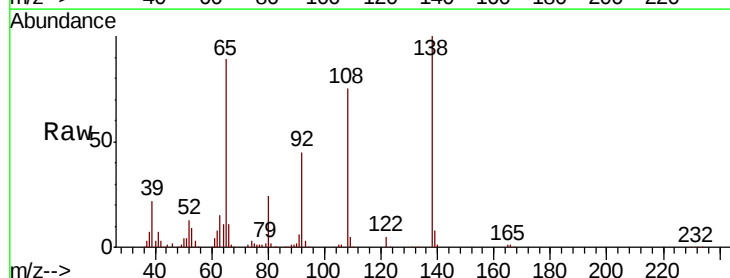


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

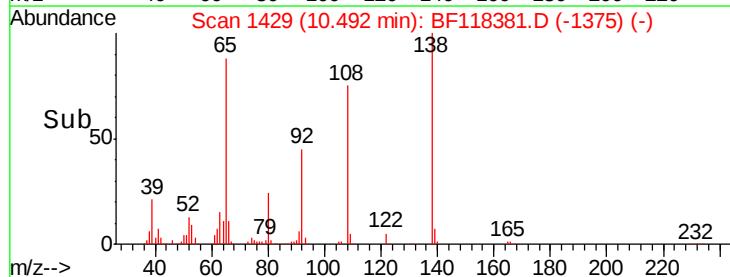
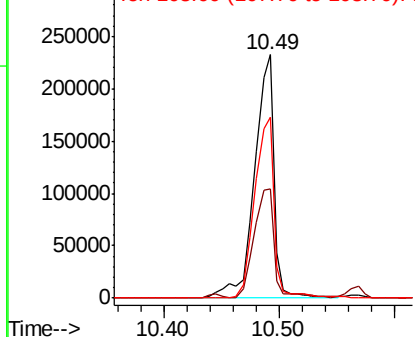


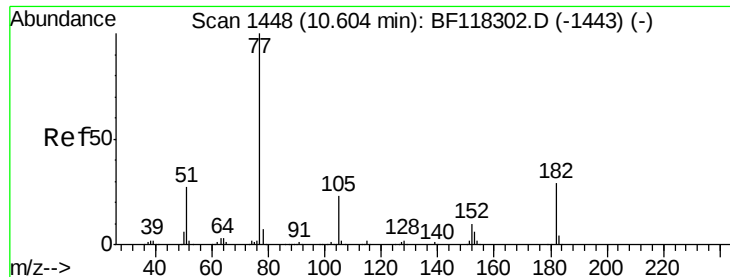
#62
4-Nitroaniline
Concen: 37.131 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:138 Resp: 277875
Ion Ratio Lower Upper
138 100
92 44.8 27.9 67.9
108 74.5 58.1 98.1



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





#63

Azobenzene

Concen: 37.660 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 908511

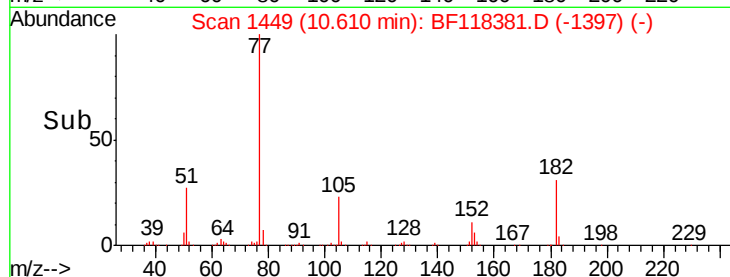
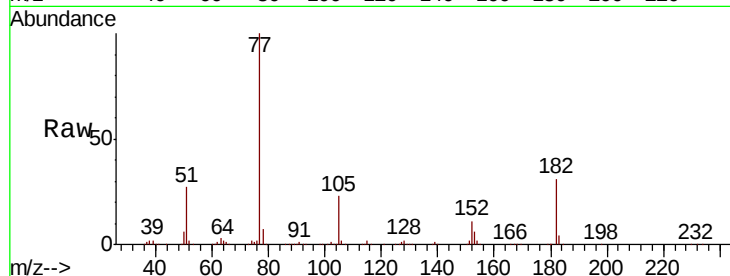
Ion Ratio Lower Upper

77 100

182 31.4 9.2 49.2

105 23.0 3.2 43.2

51 26.7 7.1 47.1

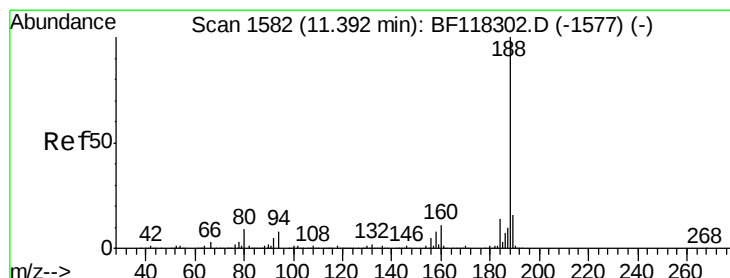
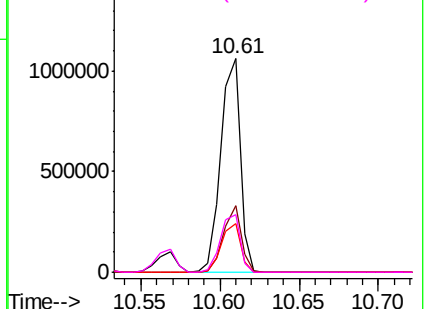


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

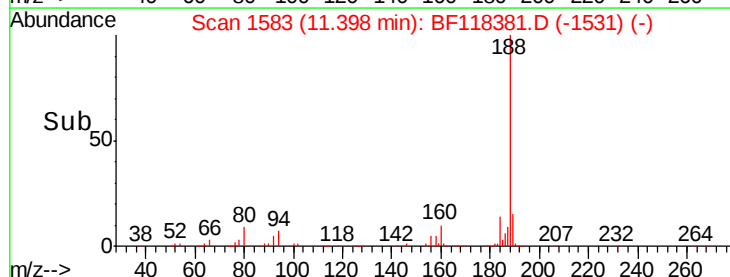
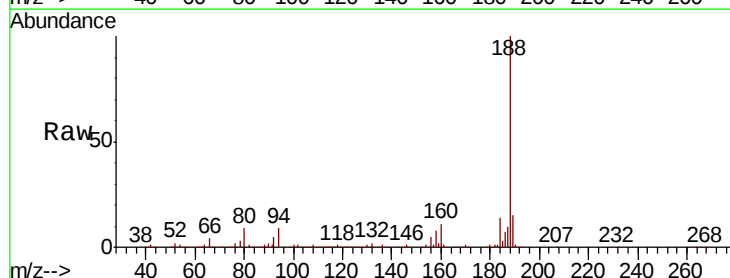
Tgt Ion: 188 Resp: 683998

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

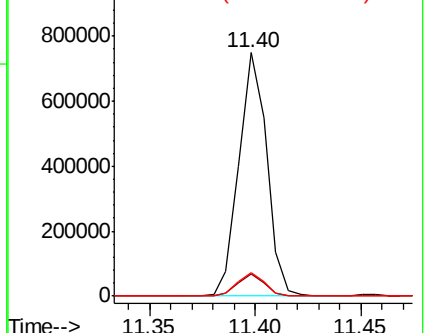
80 9.4 7.2 10.8

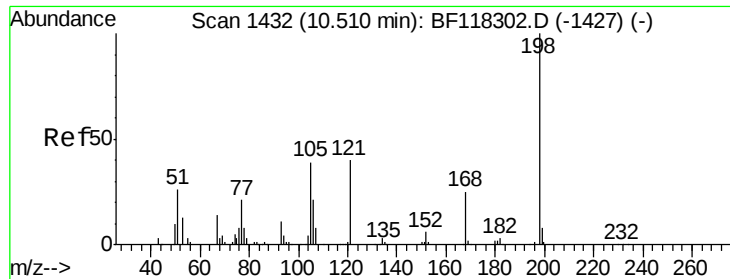


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.675 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

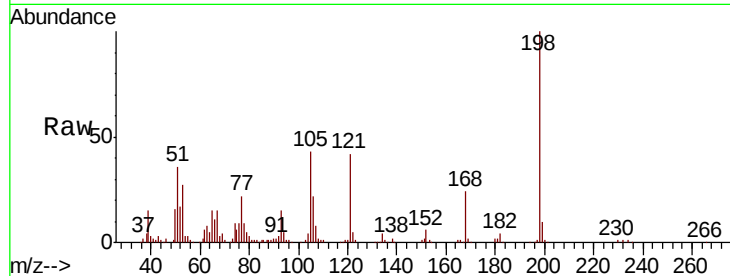
Tot Ion:198 Resp: 139016

Ion Ratio Lower Upper

198 100

51 35.6 12.8 52.8

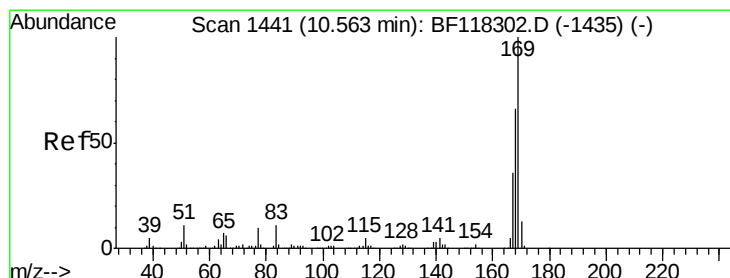
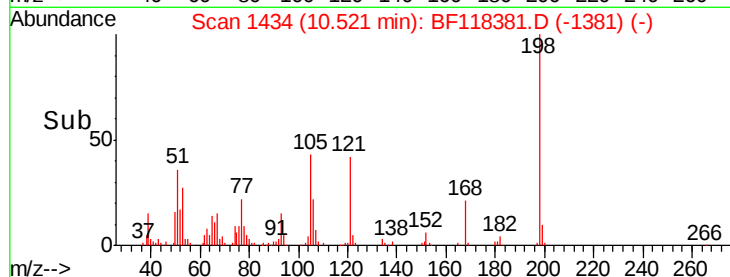
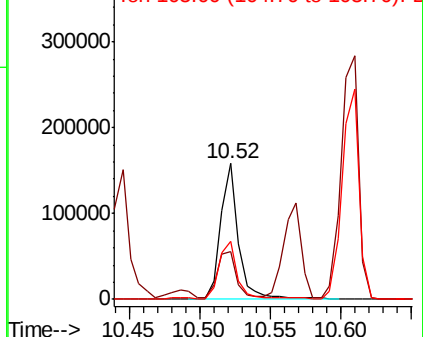
105 42.8 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.334 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

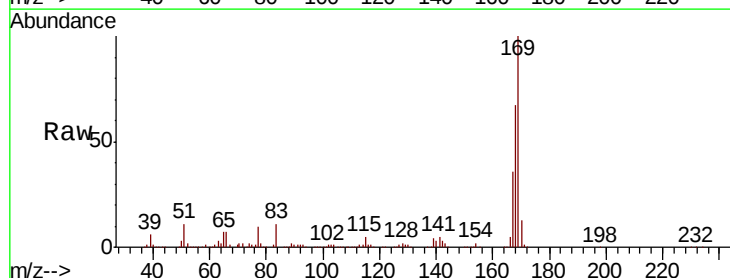
Tgt Ion:169 Resp: 840348

Ion Ratio Lower Upper

169 100

168 66.7 52.6 79.0

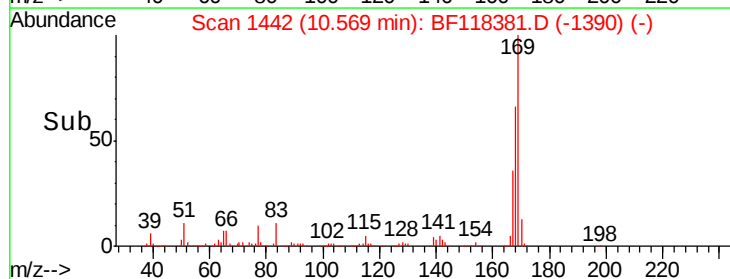
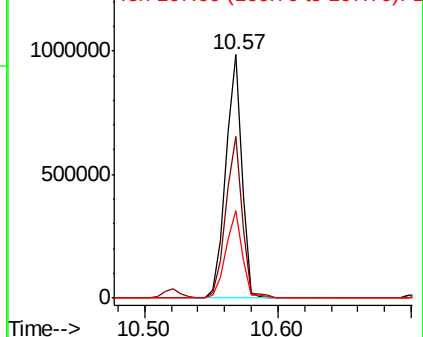
167 36.1 28.4 42.6

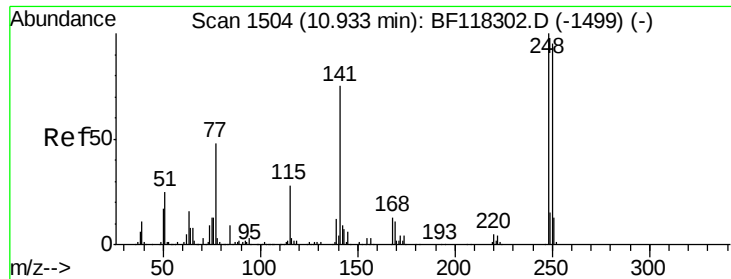


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

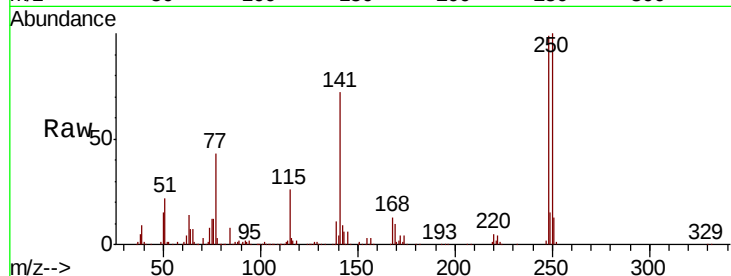




#67
4-Bromophenyl-phenylether
Concen: 38.493 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	76.4	114.6
141	72.2	60.2	90.2

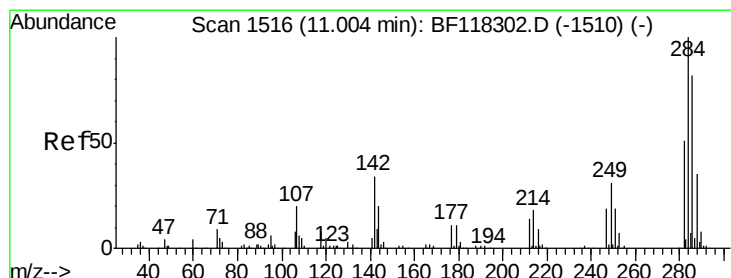
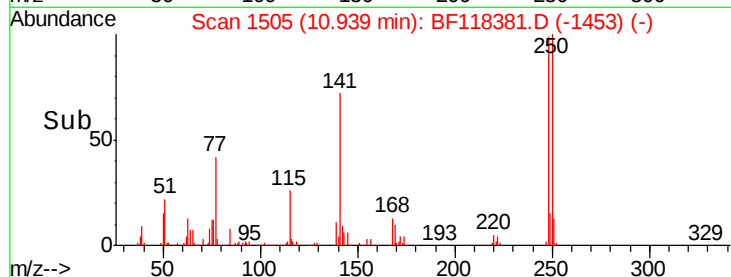
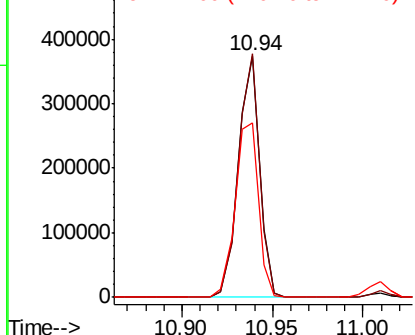


Abundance

Ion 248.00 (247.70 to 248.70): E

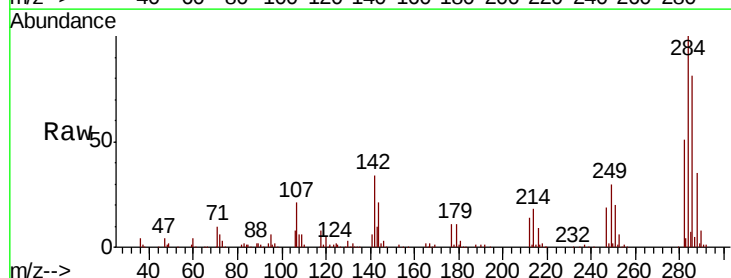
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.989 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.3	40.9
249	30.2	25.0	37.6

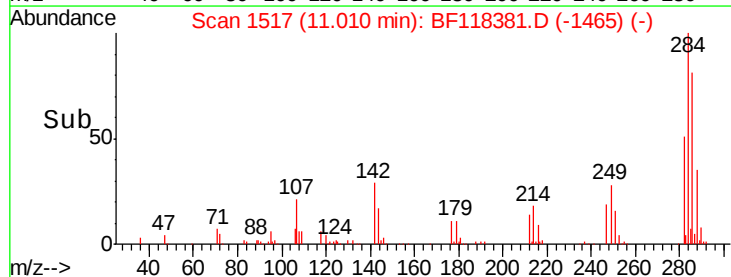
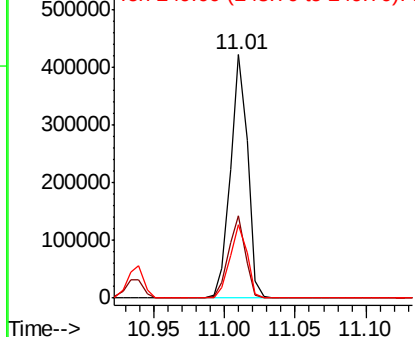


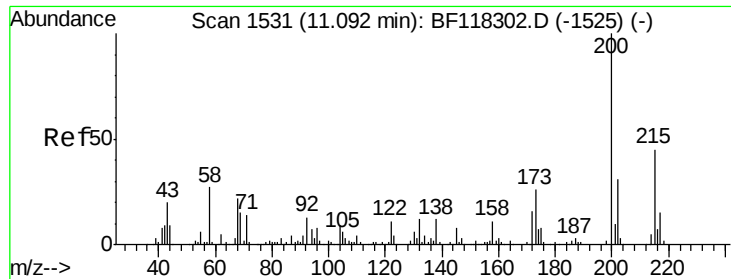
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.799 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

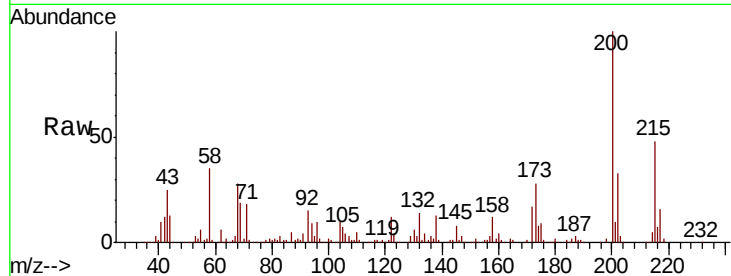
Tot Ion:200 Resp: 262507

Ion Ratio Lower Upper

200 100

173 27.9 5.8 45.8

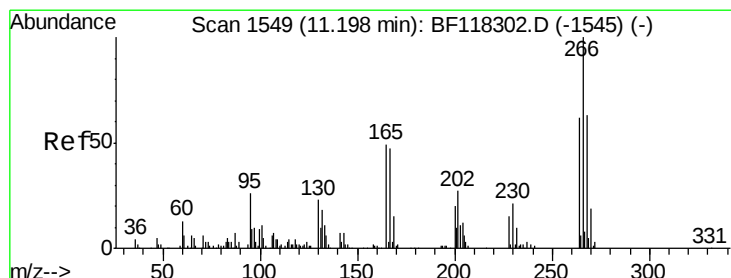
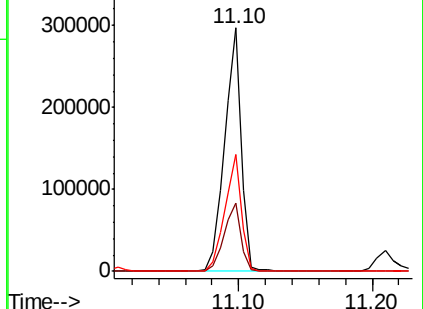
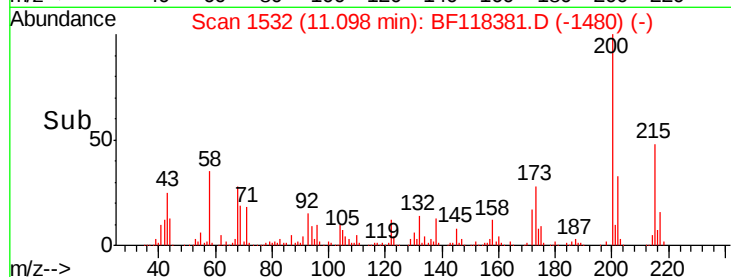
215 48.0 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.249 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

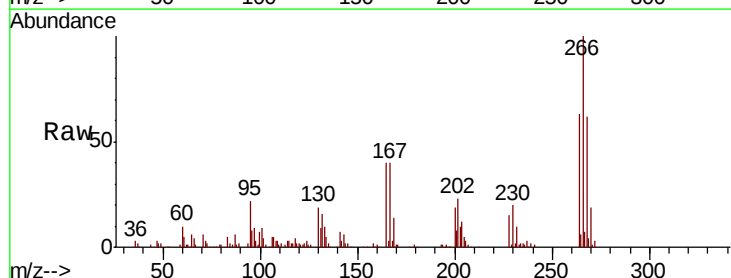
Tgt Ion:266 Resp: 160162

Ion Ratio Lower Upper

266 100

268 61.6 50.6 76.0

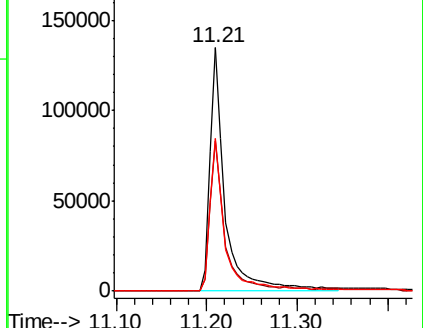
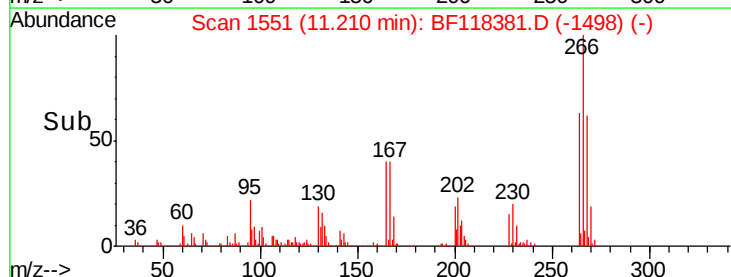
264 62.7 49.9 74.9

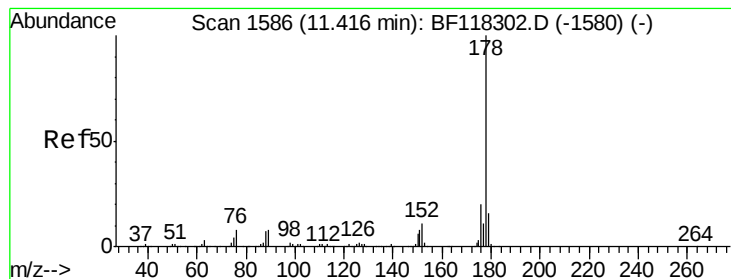


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.689 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

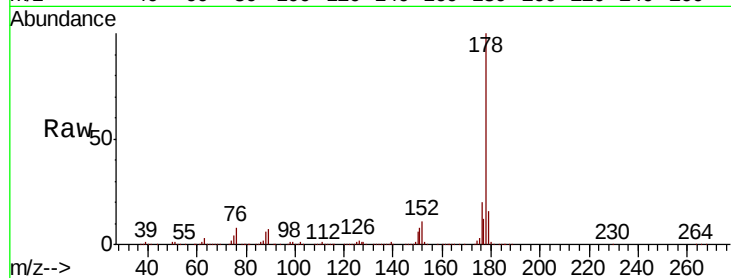
Tot Ion:178 Resp: 1405363

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

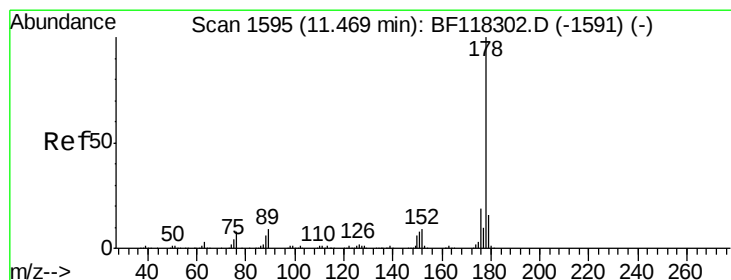
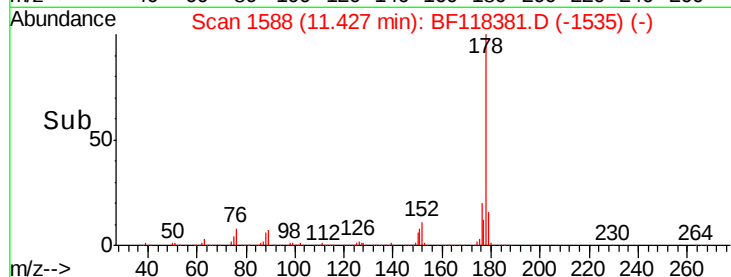
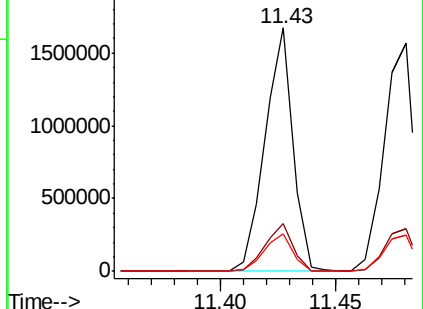
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.703 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

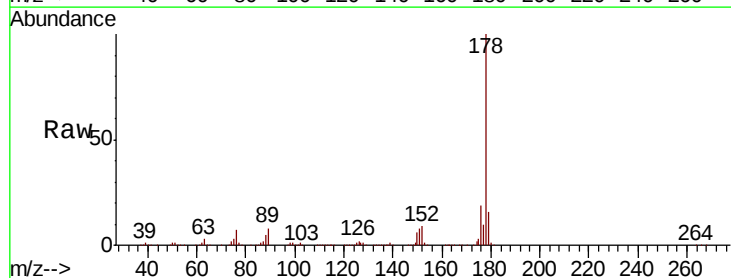
Tgt Ion:178 Resp: 1407191

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

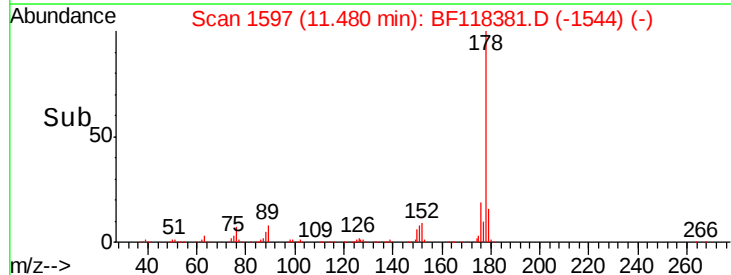
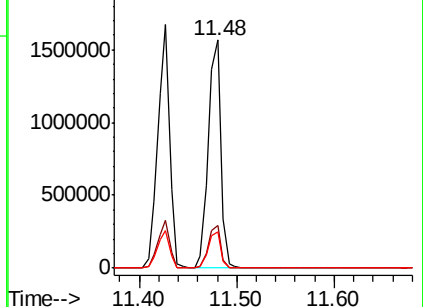
179 16.0 12.9 19.3

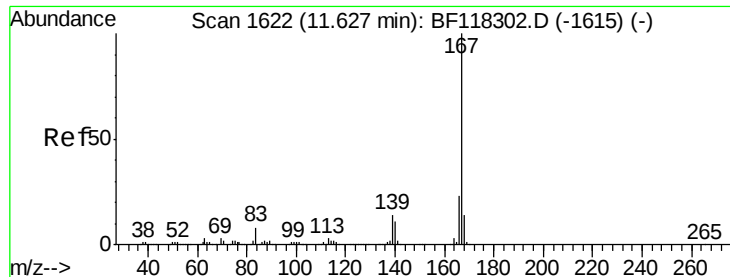


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



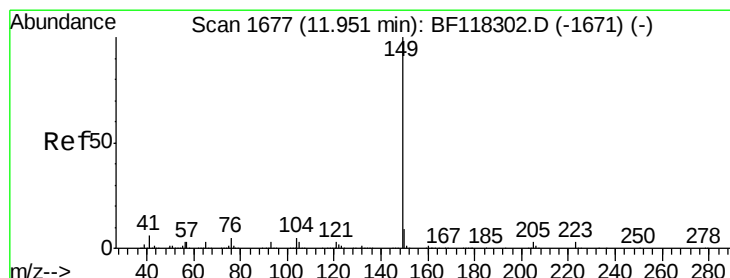
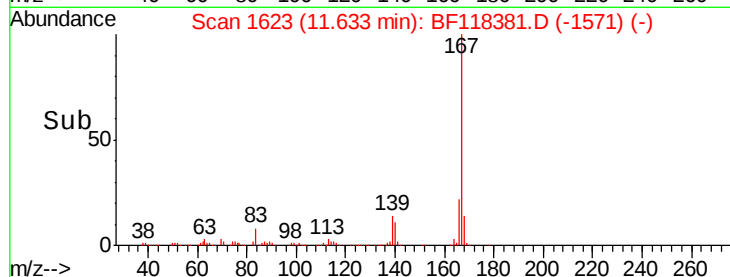
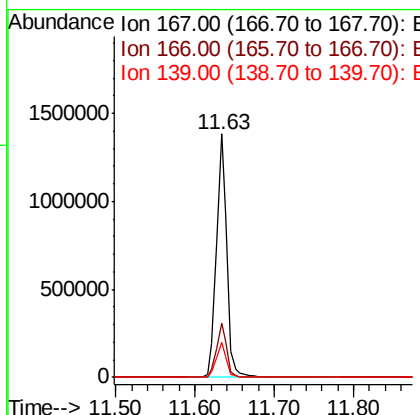
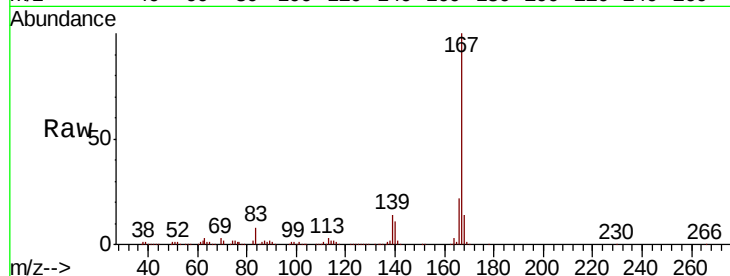


#73
 Carbazole
 Concen: 38.025 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1259330

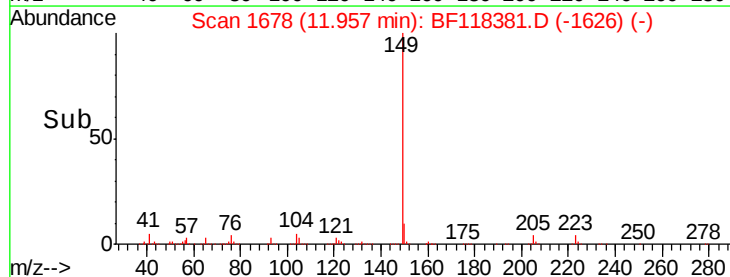
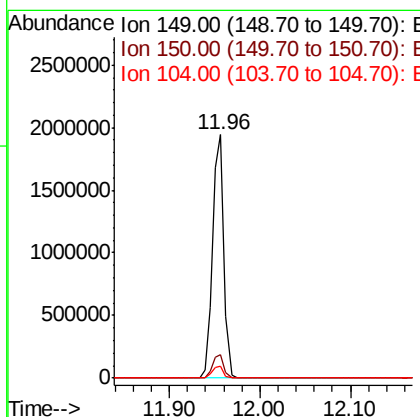
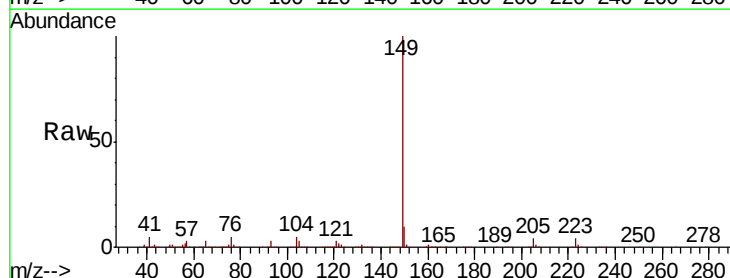
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	14.4	11.5	17.3

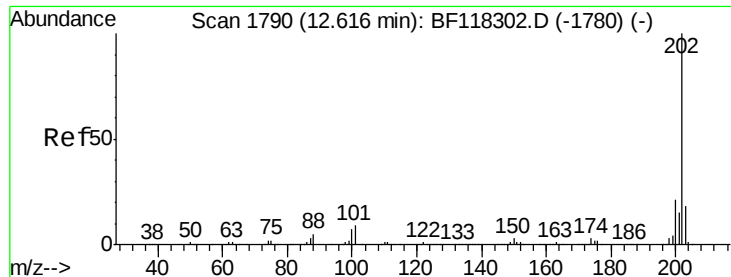


#74
 Di-n-butylphthalate
 Concen: 40.290 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion:149 Resp: 1691879

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.9	4.0	6.0

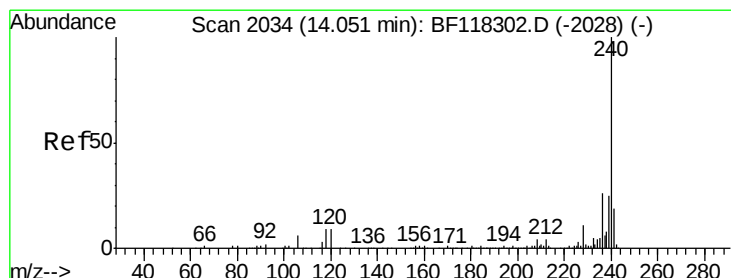
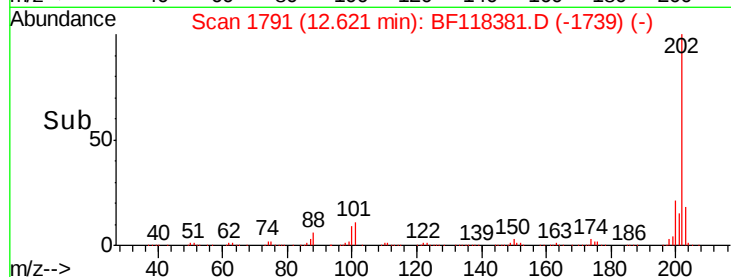
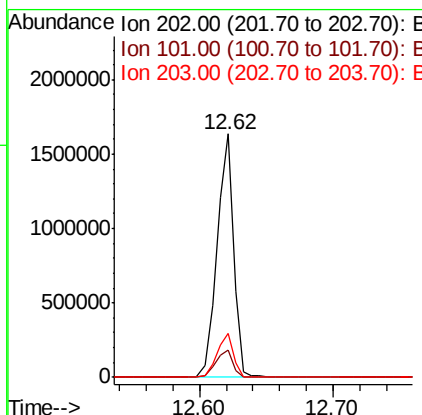
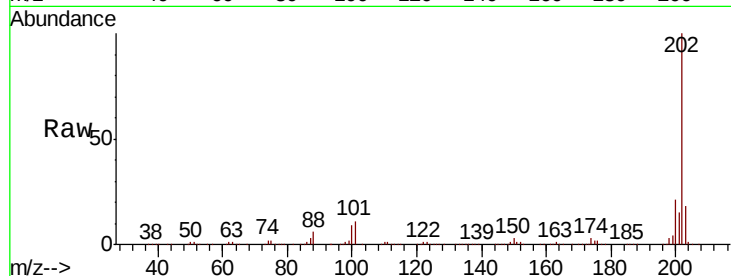




#75
 Fluoranthene
 Concen: 38.147 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

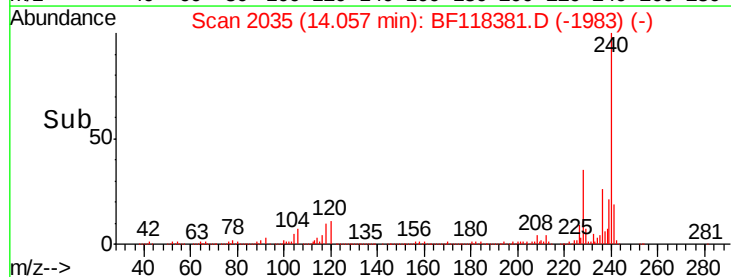
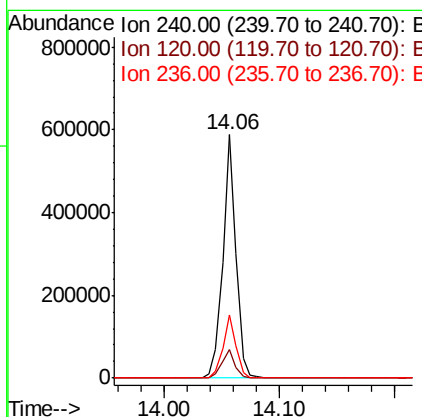
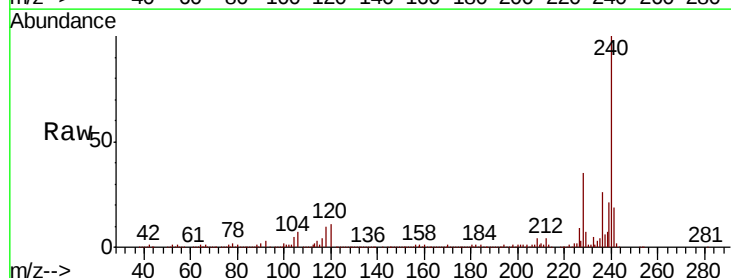
Instrument :
 BNA_F
 ClientSampleId :

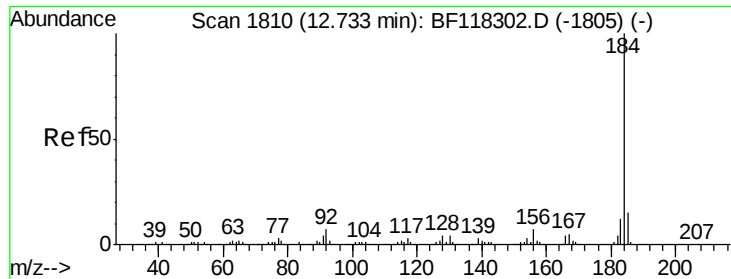
Tot Ion:202 Resp: 1435551
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 29.5
 203 17.9 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion:240 Resp: 463285
 Ion Ratio Lower Upper
 240 100
 120 11.5 7.1 10.7#
 236 26.0 21.0 31.6





#77

Benzidine

Concen: 43.925 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

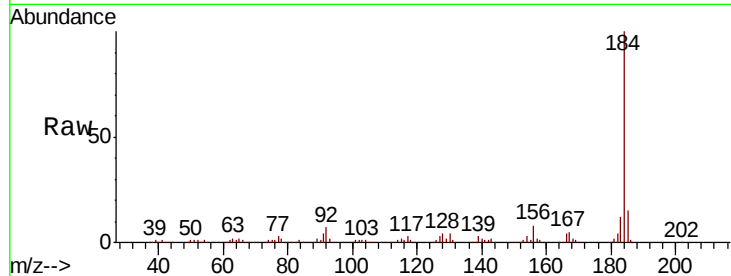
Tot Ion:184 Resp: 557602

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

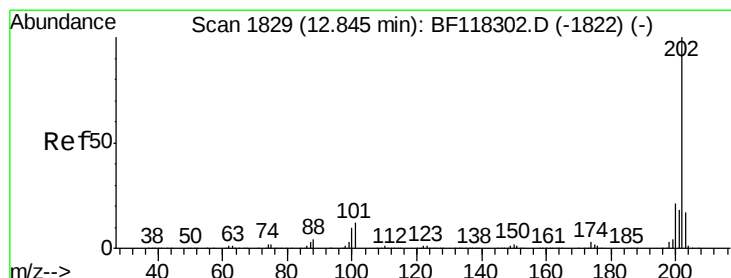
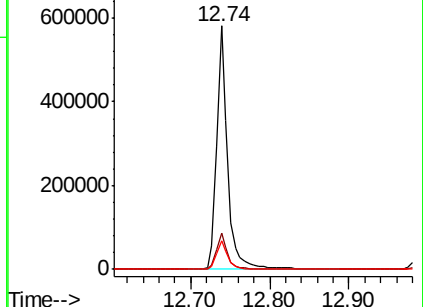
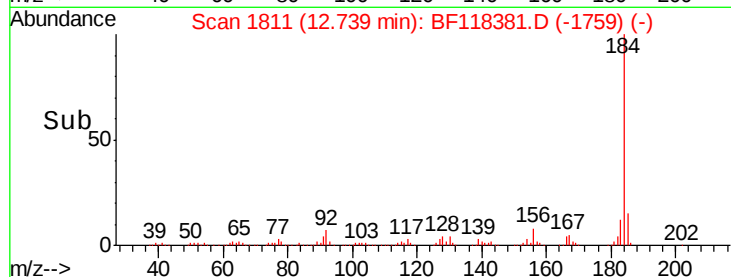
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.783 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

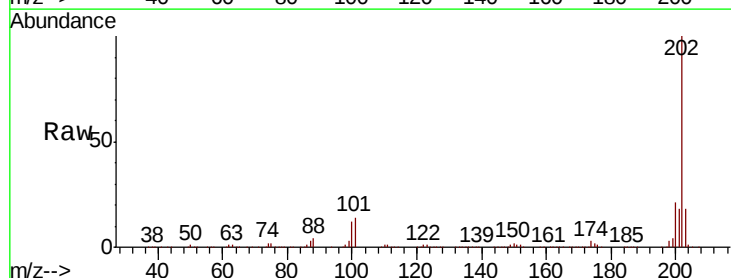
Tgt Ion:202 Resp: 1429409

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

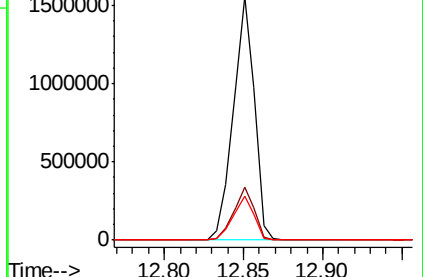
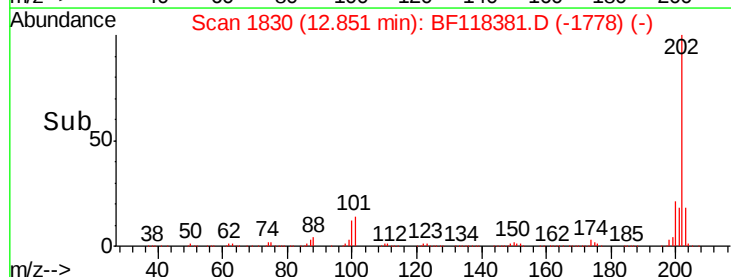
203 18.0 13.9 20.9

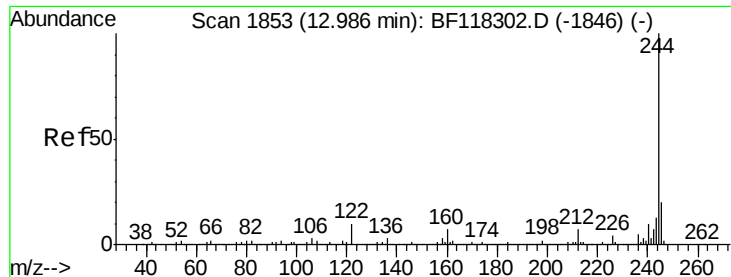


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

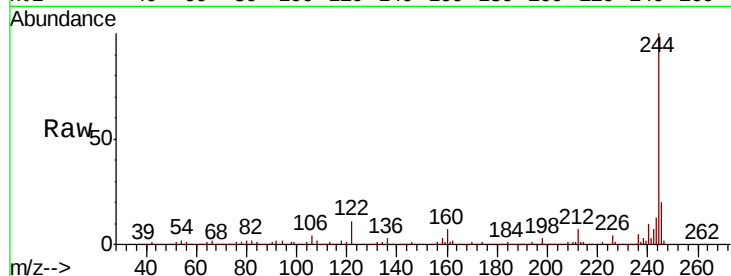




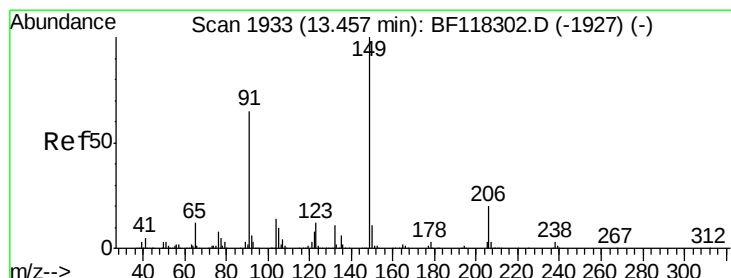
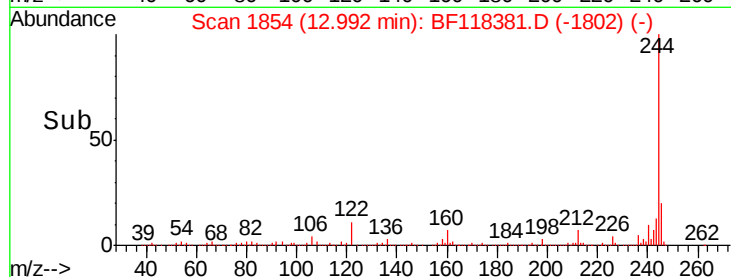
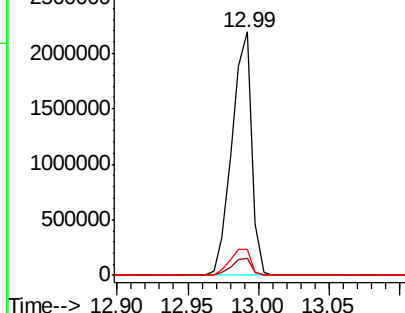
#79
 Terphenyl-d14
 Concen: 76.404 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2133596
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.6 7.8 11.8

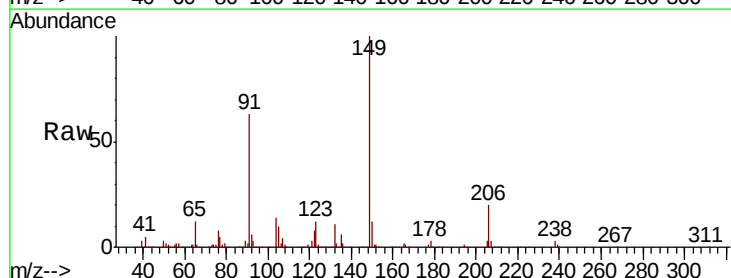


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

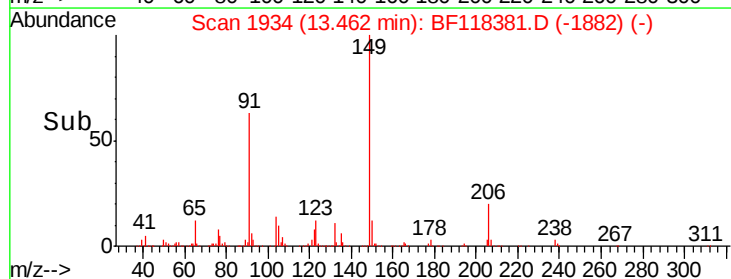
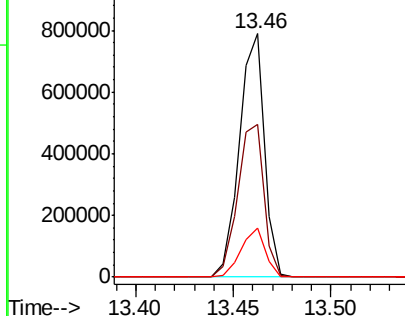


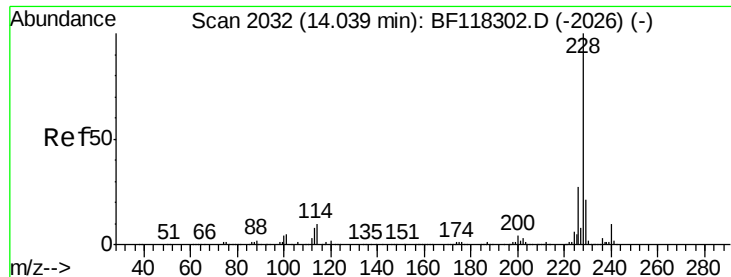
#80
 Butylbenzylphthalate
 Concen: 41.259 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118381.D
 Acq: 30 Dec 2019 14:59

Tgt Ion:149 Resp: 702819
 Ion Ratio Lower Upper
 149 100
 91 62.7 51.8 77.6
 206 20.3 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.955 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

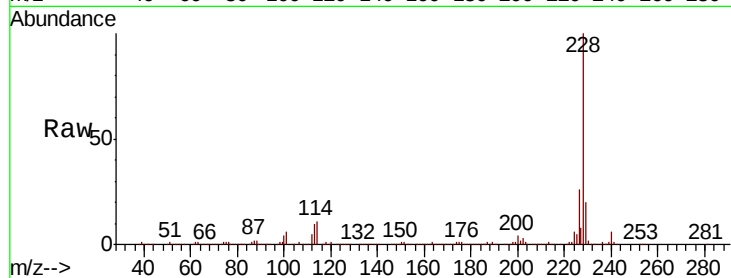
Tot Ion:228 Resp: 1230825

Ion Ratio Lower Upper

228 100

226 26.3 22.0 33.0

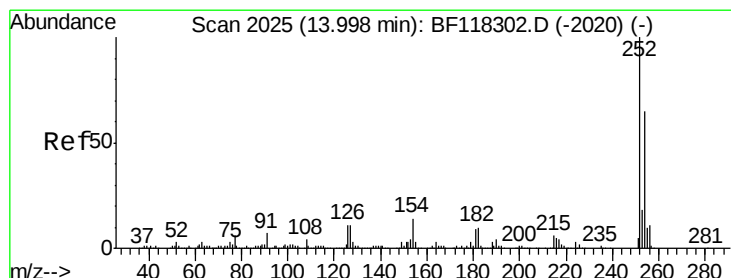
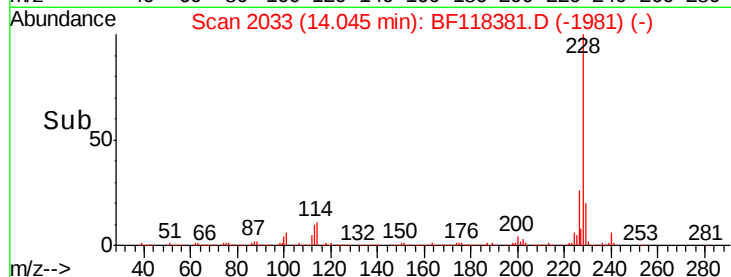
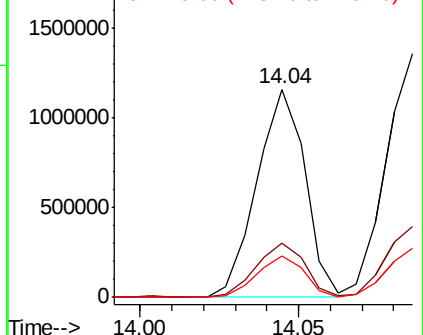
229 19.9 16.6 24.8



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: 39.568 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

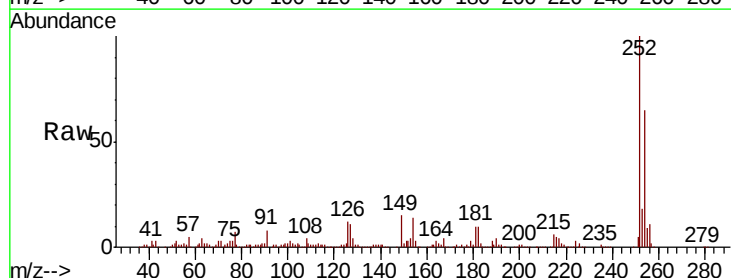
Tgt Ion:252 Resp: 435057

Ion Ratio Lower Upper

252 100

254 64.8 51.8 77.8

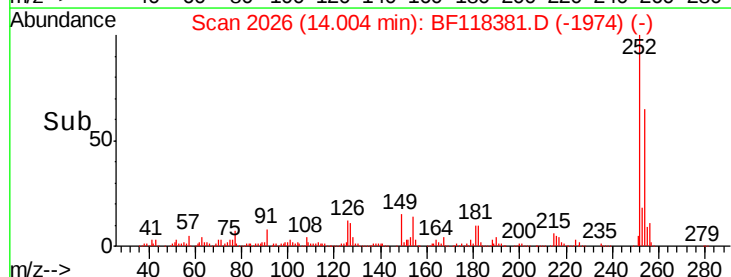
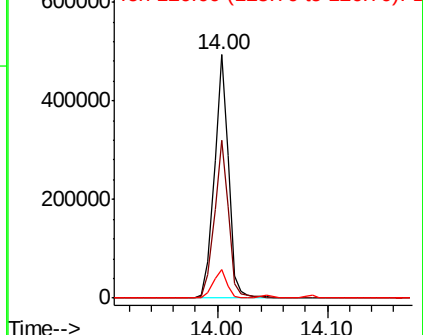
126 11.8 8.7 13.1

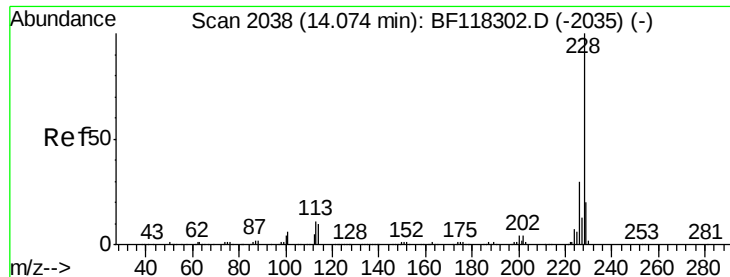


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.906 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

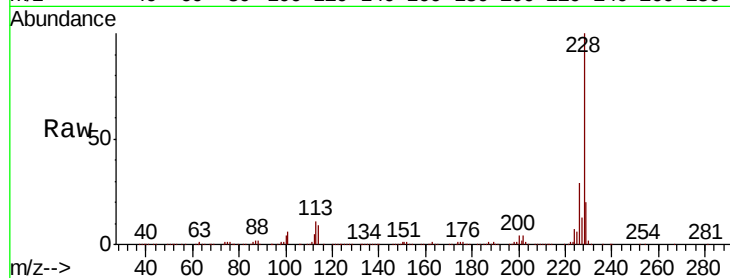
Tot Ion:228 Resp: 1177034

Ion Ratio Lower Upper

228 100

226 29.0 23.9 35.9

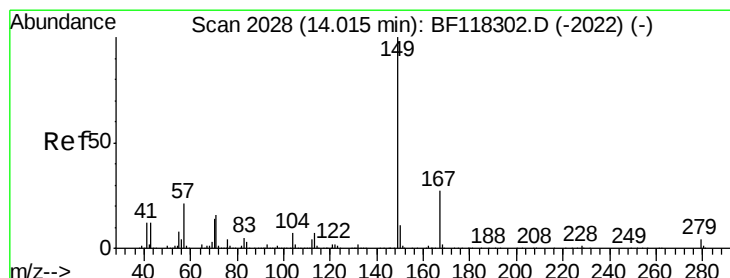
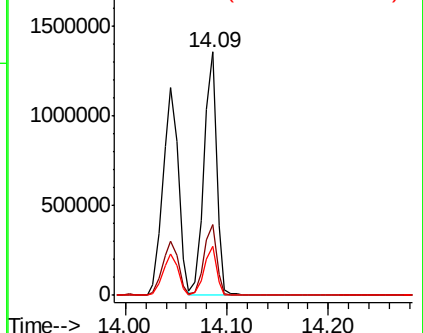
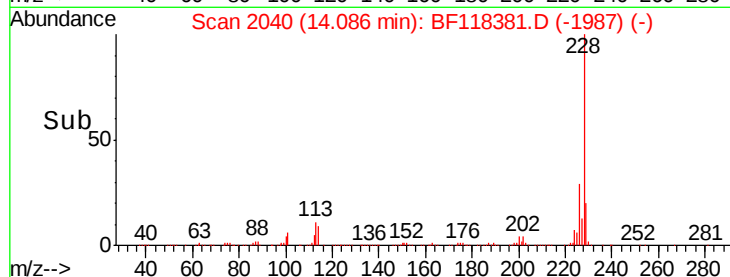
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.509 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

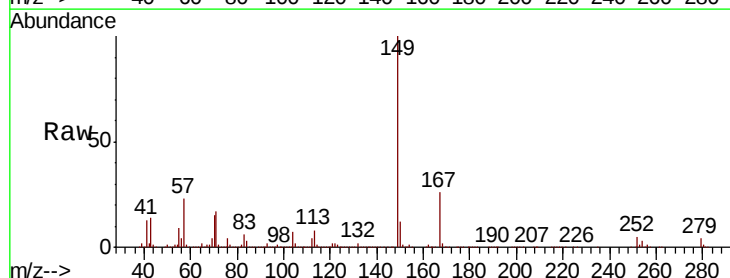
Tgt Ion:149 Resp: 952161

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

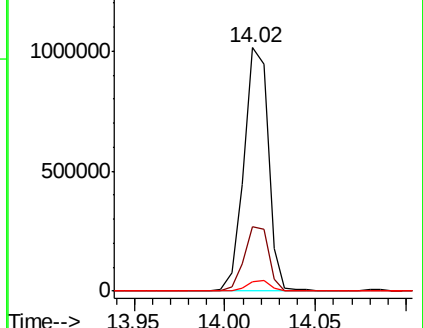
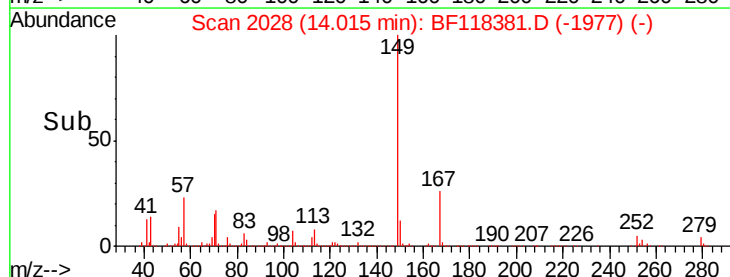
279 3.6 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.489 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Instrument :

BNA_F

ClientSampleId :

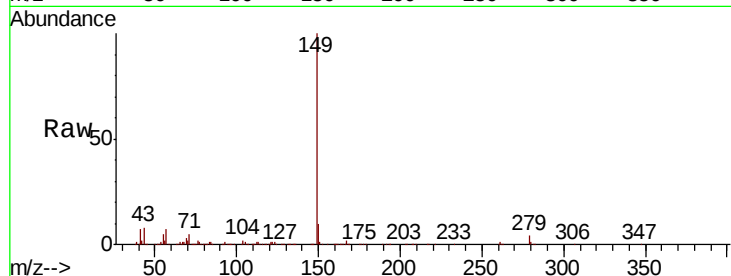
Tot Ion:149 Resp: 1366968

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

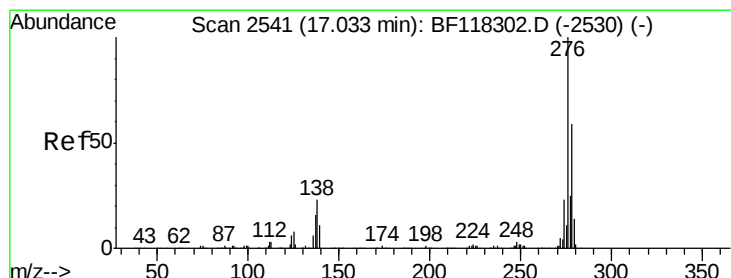
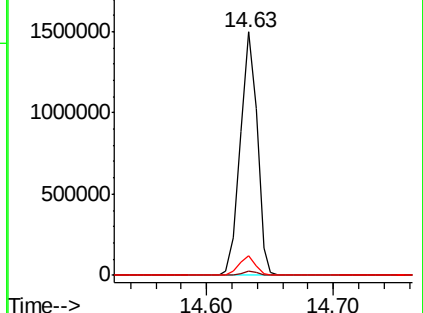
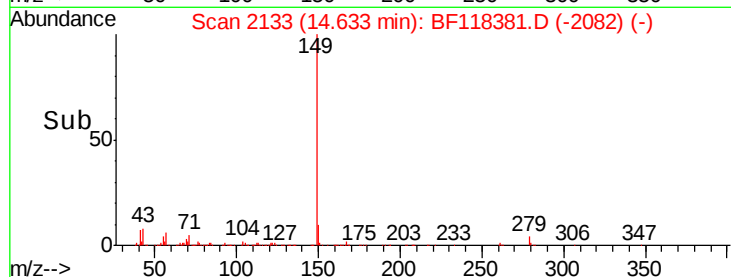
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.367 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

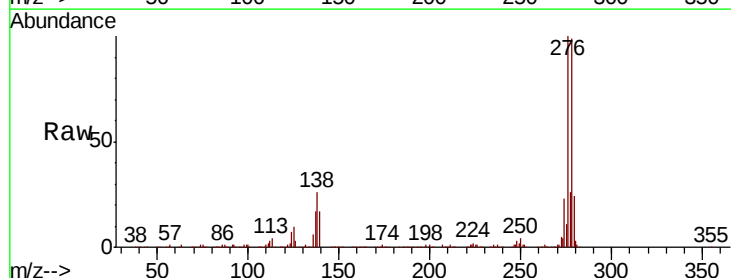
Tgt Ion:276 Resp: 909253

Ion Ratio Lower Upper

276 100

138 24.3 19.5 29.3

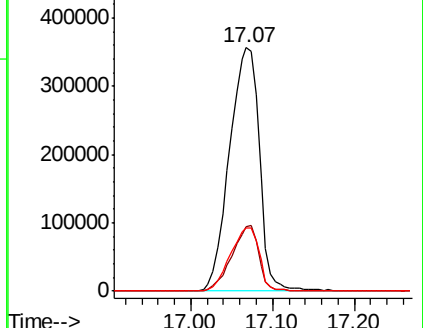
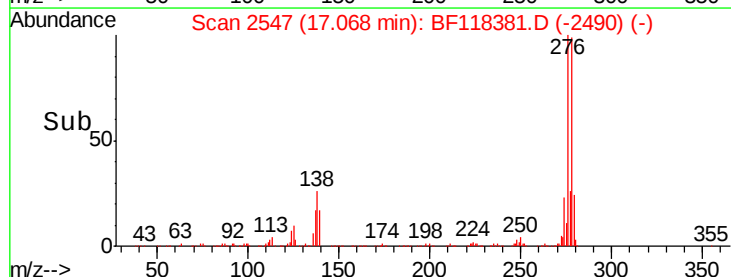
277 25.5 20.6 30.8

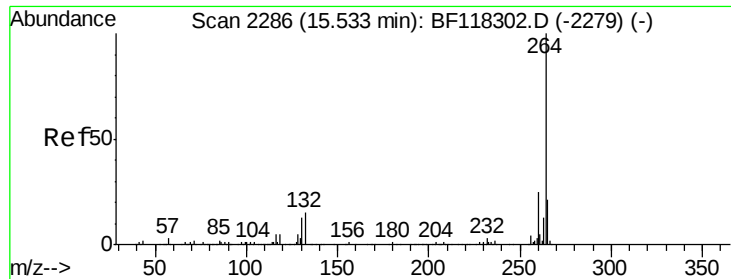


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

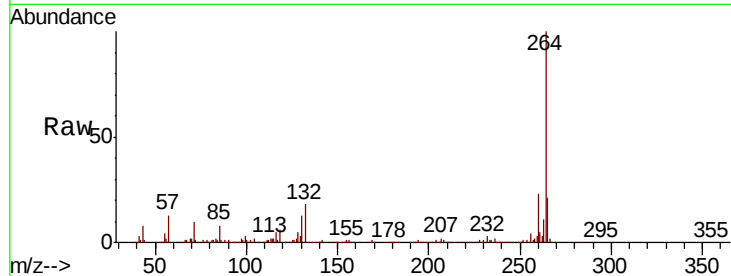
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 386367

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.8	29.6
265	21.2	17.0	25.4

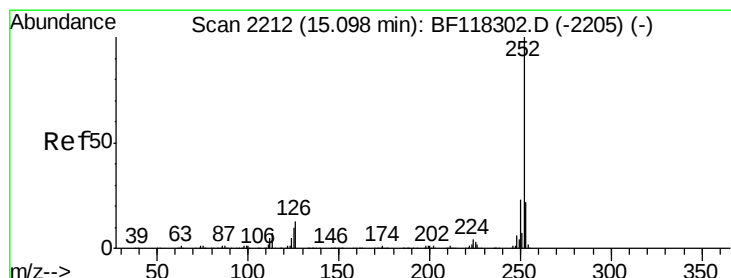
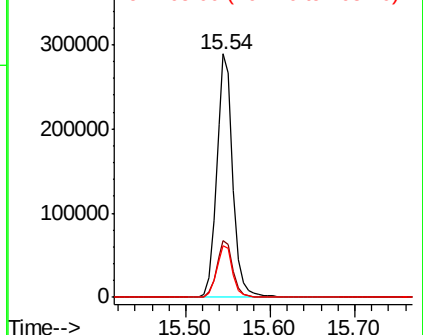
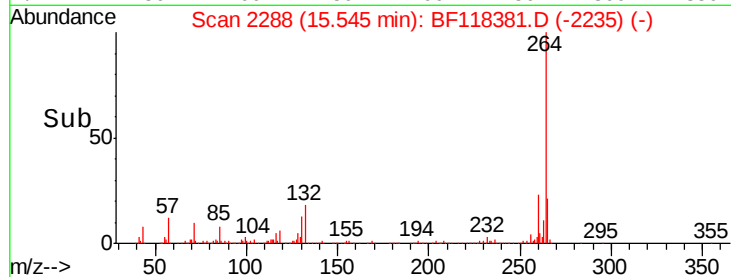


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.568 ng

RT: 15.11 min Scan# 2214

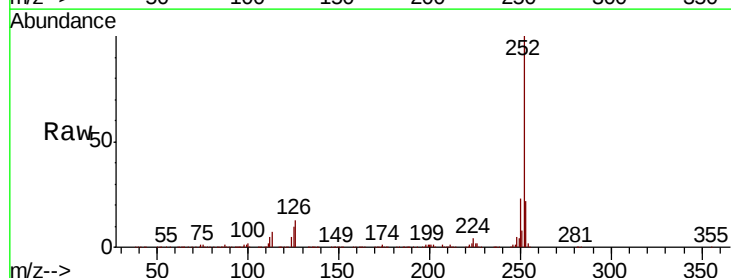
Delta R.T. 0.01 min

Lab File: BF118381.D

Acq: 30 Dec 2019 14:59

Tgt Ion:252 Resp: 963499

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.4	7.7	11.5

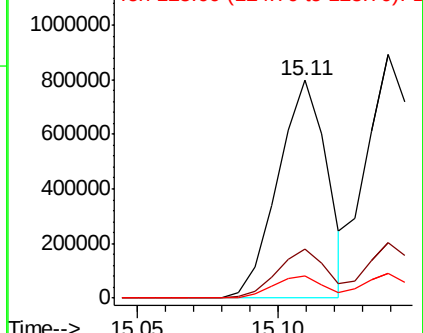
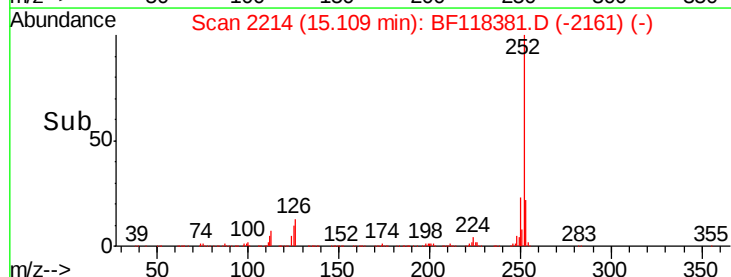


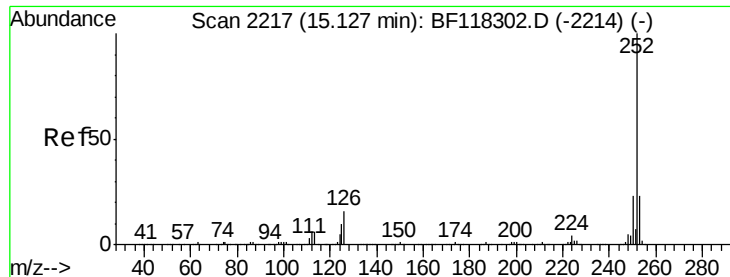
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

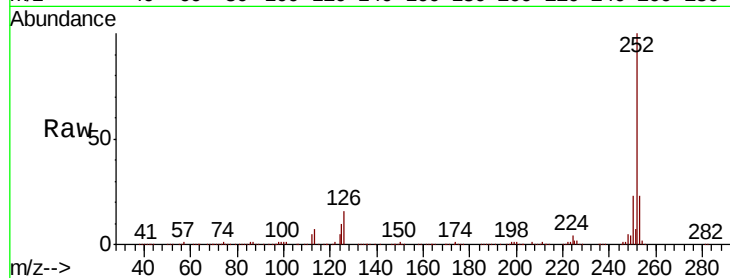




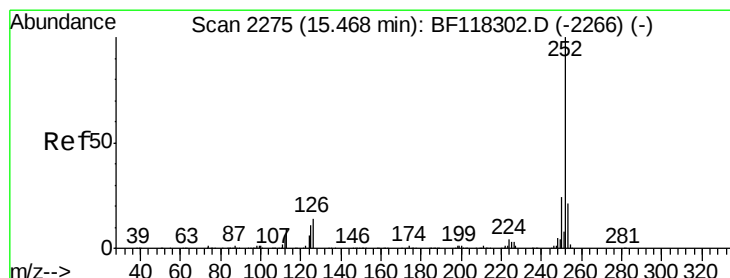
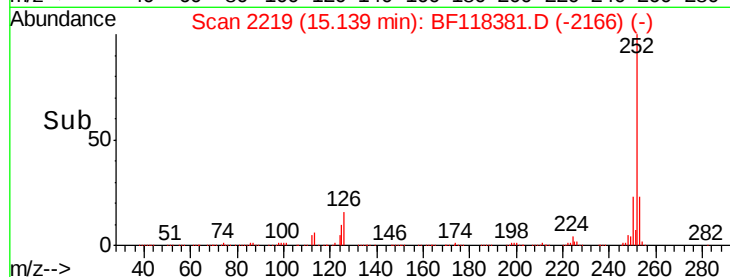
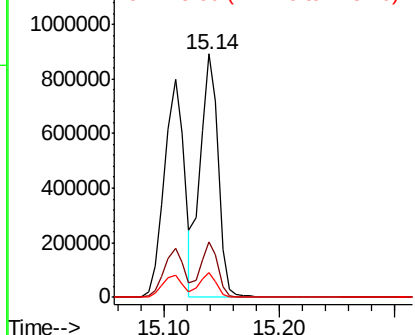
#89
Benzo(k)fluoranthene
Concen: 39.563 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 974265
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.4 8.0 12.0

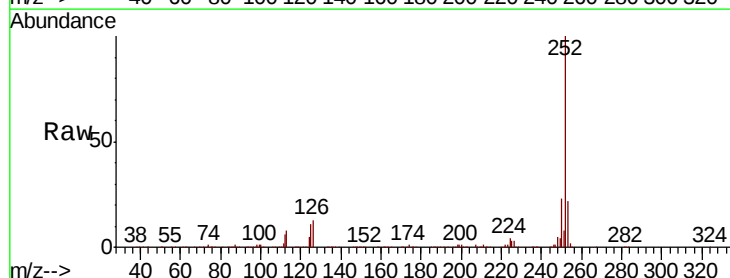


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

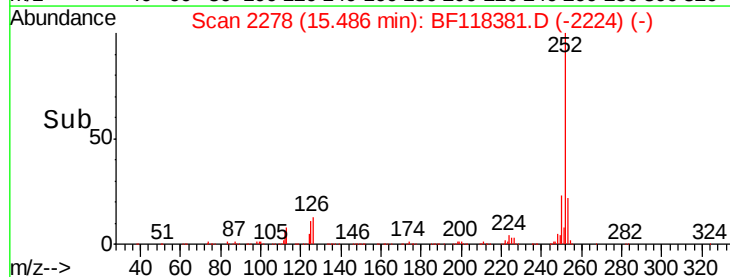
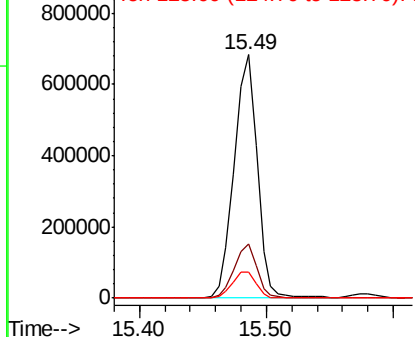


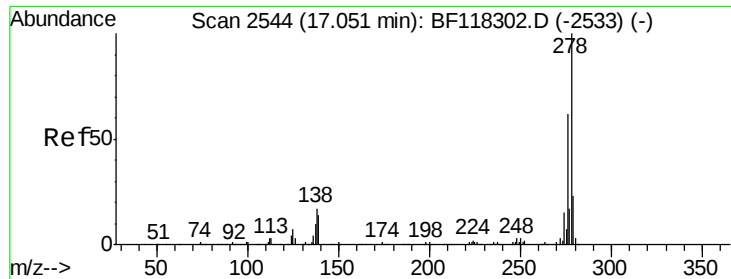
#90
Benzo(a)pyrene
Concen: 38.071 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:252 Resp: 860127
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.6 9.0 13.4



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



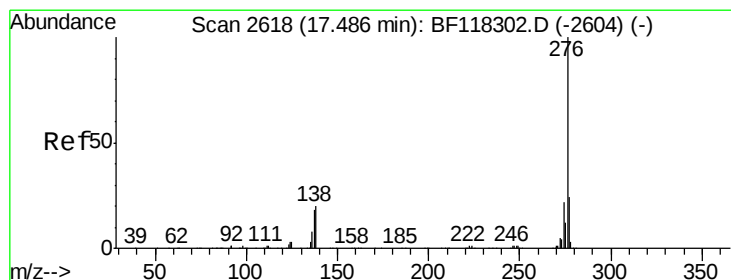
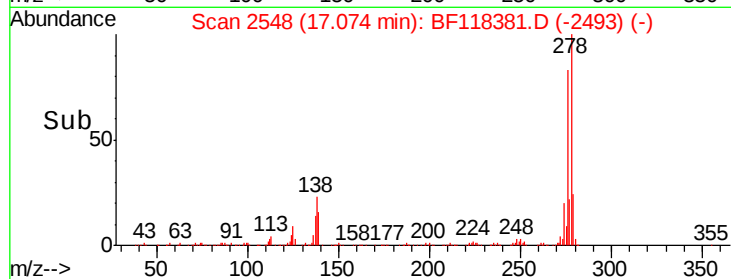
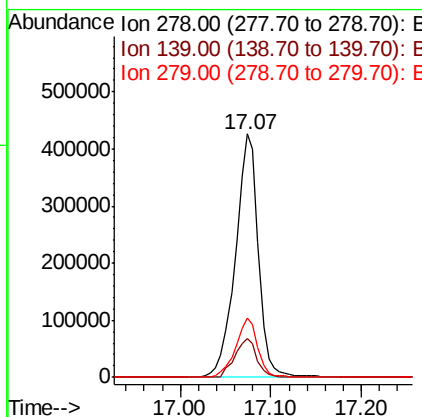
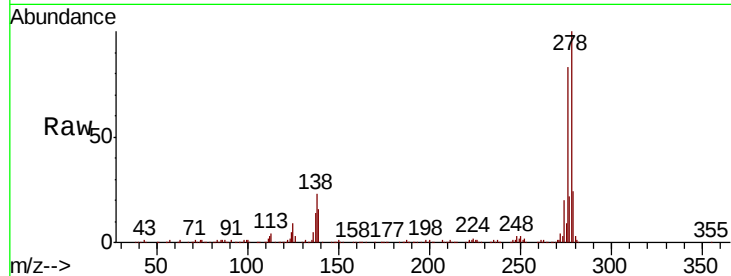


#91
Dibenzo(a,h)anthracene
Concen: 38.354 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 751968

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.5	17.3
279	24.3	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 37.883 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118381.D
Acq: 30 Dec 2019 14:59

Tgt Ion:276 Resp: 717471

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.1	28.7
138	20.7	16.1	24.1

