

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117652.D
 Acq On : 31 Oct 2019 12:34
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 18:42:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	52392	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	221232	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	111876	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	170730	20.00	ng	0.00
76) Chrysene-d12	13.90	240	100416	20.00	ng	0.00
87) Perylene-d12	15.34	264	89164	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	304441	86.45	ng	0.00
7) Phenol-d6	6.39	99	399500	84.46	ng	0.01
23) Nitrobenzene-d5	7.30	82	379446	84.67	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	71355	73.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	628990	79.22	ng	0.00
79) Terphenyl-d14	12.83	244	533501	86.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	59808	40.393	ng	97
3) Pyridine	3.11	79	153030	42.220	ng	99
4) n-Nitrosodimethylamine	3.09	42	57231	43.523	ng	98
6) Aniline	6.40	93	232153	41.806	ng	89
8) 2-Chlorophenol	6.53	128	156957	42.237	ng	97
9) Benzaldehyde	6.29	77	104359	47.569	ng	96
10) Phenol	6.40	94	201923	41.827	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	150605	42.177	ng	100
12) 1,3-Dichlorobenzene	6.67	146	174251	42.019	ng	99
13) 1,4-Dichlorobenzene	6.75	146	176222	41.889	ng	100
14) 1,2-Dichlorobenzene	6.90	146	165089	41.632	ng	99
15) Benzyl Alcohol	6.89	79	146277	43.286	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	165878	43.062	ng	66
17) 2-Methylphenol	7.01	107	130043	42.539	ng	# 87
18) Hexachloroethane	7.23	117	69284	42.195	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	121649	42.112	ng	99
20) 3+4-Methylphenols	7.16	107	173058	43.178	ng	# 68
22) Acetophenone	7.15	105	244038	41.542	ng	94
24) Nitrobenzene	7.32	77	182999	42.636	ng	100
25) Isophorone	7.56	82	319030	41.153	ng	100
26) 2-Nitrophenol	7.64	139	83599	43.670	ng	98
27) 2,4-Dimethylphenol	7.69	122	122085	42.674	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	196208	41.017	ng	98
29) 2,4-Dichlorophenol	7.89	162	124798	41.589	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	132137	41.034	ng	99
31) Naphthalene	8.03	128	451949	41.215	ng	99
32) Benzoic acid	7.86	122	66028	33.696	ng	97
33) 4-Chloroaniline	8.09	127	197816	42.744	ng	98
34) Hexachlorobutadiene	8.15	225	74780	40.121	ng	99
35) Caprolactam	8.48	113	18746	19.447	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	142562	41.657	ng	98
37) 2-Methylnaphthalene	8.73	142	290998	39.383	ng	99
38) 1-Methylnaphthalene	8.82	142	284668	40.999	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	120585	40.018	ng	97

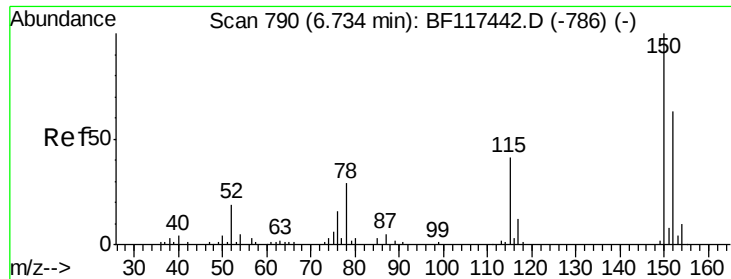
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117652.D
 Acq On : 31 Oct 2019 12:34
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 18:42:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	56970	72.786	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	73336	38.864	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	71280	37.278	nq	96
46) 1,1'-Biphenyl	9.19	154	378989	40.919	nq	98
47) 2-Chloronaphthalene	9.22	162	286188	40.982	nq	99
48) 2-Nitroaniline	9.33	65	98477	42.957	nq	94
49) Acenaphthylene	9.63	152	420961	41.040	nq	100
50) Dimethylphthalate	9.49	163	316064	39.629	nq	100
51) 2,6-Dinitrotoluene	9.57	165	70239	42.203	nq	97
52) Acenaphthene	9.80	154	257650	40.942	nq	100
53) 3-Nitroaniline	9.75	138	85063	42.124	nq	94
54) 2,4-Dinitrophenol	9.87	184	26051	40.210	nq	99
55) Dibenzofuran	9.97	168	371597	40.757	nq	98
56) 4-Nitrophenol	9.95	139	52740	57.939	nq	97
57) 2,4-Dinitrotoluene	9.98	165	92112	41.628	nq	94
58) Fluorene	10.32	166	306391	40.637	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.11	232	49070	32.651	nq	# 89
60) Diethylphthalate	10.19	149	316698	39.259	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	135425	40.034	nq	92
62) 4-Nitroaniline	10.37	138	82674	43.436	nq	99
63) Azobenzene	10.47	77	340553	41.239	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	34191	39.389	nq	92
66) n-Nitrosodiphenylamine	10.43	169	257382	41.237	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	74863	40.709	nq	93
68) Hexachlorobenzene	10.87	284	80344	40.795	nq	# 89
69) Atrazine	10.96	200	54184	34.121	nq	97
70) Pentachlorophenol	11.09	266	17391	29.456	nq	98
71) Phenanthrene	11.28	178	416057	41.968	nq	98
72) Anthracene	11.33	178	420145	41.304	nq	100
73) Carbazole	11.49	167	388779	41.822	nq	99
74) Di-n-butylphthalate	11.81	149	487996	39.288	nq	98
75) Fluoranthene	12.47	202	394379	39.739	nq	99
77) Benzidine	12.59	184	108004	36.693	nq	99
78) Pyrene	12.70	202	390402	45.263	nq	100
80) Butylbenzylphthalate	13.30	149	183982	42.865	nq	93
81) Benzo(a)anthracene	13.89	228	278492	41.115	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	91633	43.112	nq	# 96
83) Chrysene	13.93	228	268309	40.418	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	230997	38.420	nq	# 96
85) Di-n-octyl phthalate	14.47	149	353990	38.294	nq	100
86) Indeno(1,2,3-cd)pyrene	16.77	276	218628	44.111	nq	98
88) Benzo(b)fluoranthene	14.93	252	217324	41.275	nq	100
89) Benzo(k)fluoranthene	14.93	252	217324	40.271	nq	99
90) Benzo(a)pyrene	15.28	252	198808	41.529	nq	98
91) Dibenzo(a,h)anthracene	16.76	278	183095	44.232	nq	99
92) Benzo(g,h,i)perylene	17.19	276	177256	45.258	nq	98

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

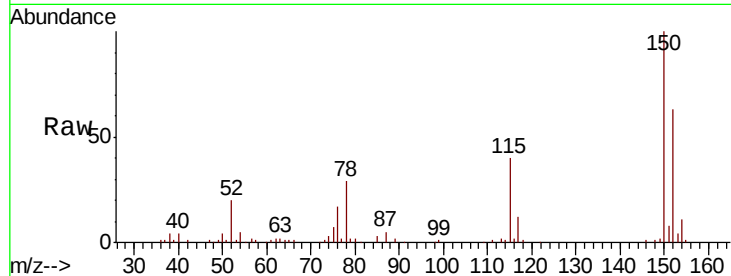


#1

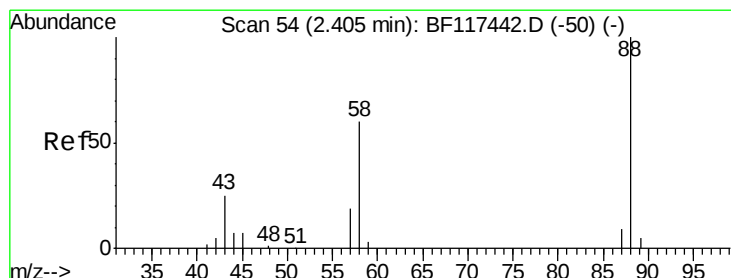
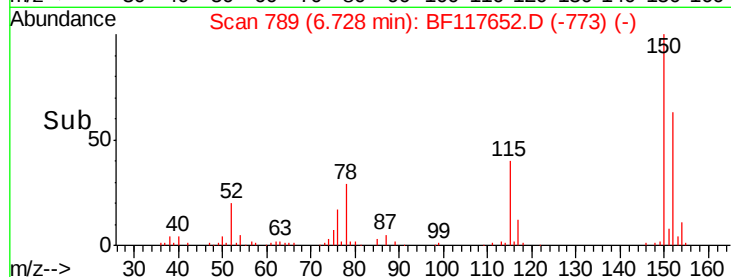
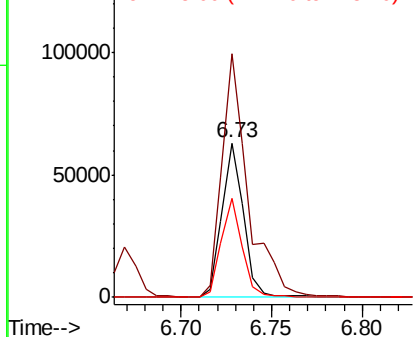
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52392
Ion Ratio Lower Upper
152 100
150 158.0 126.8 190.2
115 63.9 51.6 77.4



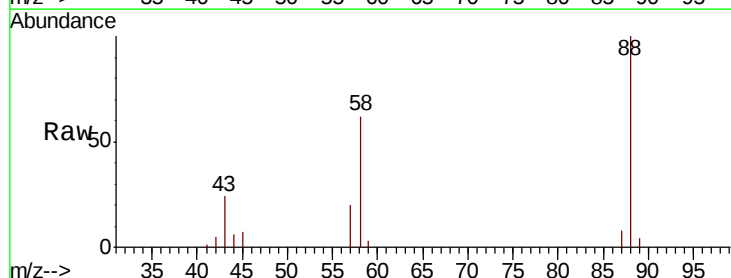
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



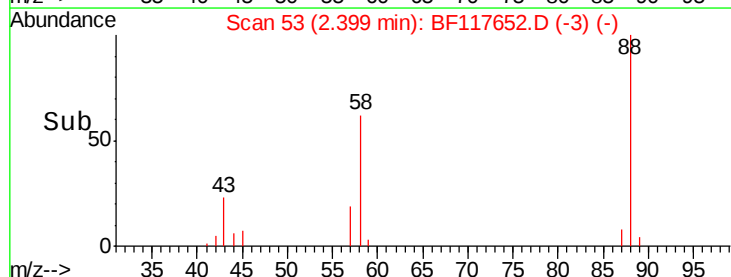
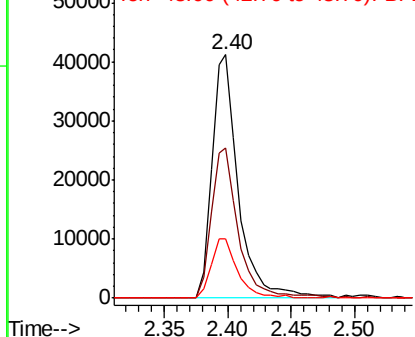
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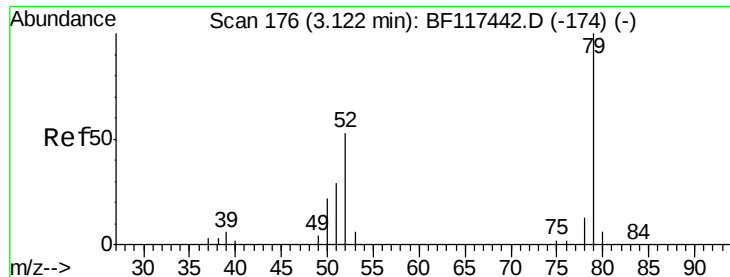
1,4-Dioxane
Concen: 40.393 ng
RT: 2.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion: 88 Resp: 59808
Ion Ratio Lower Upper
88 100
58 63.0 48.8 73.2
43 24.5 18.5 27.7



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: 42.220 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

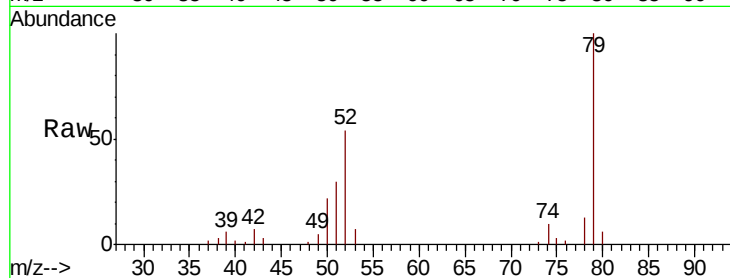
Tot Ion: 79 Resp: 153030

Ion Ratio Lower Upper

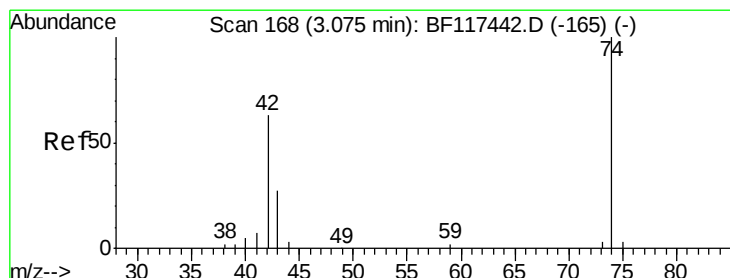
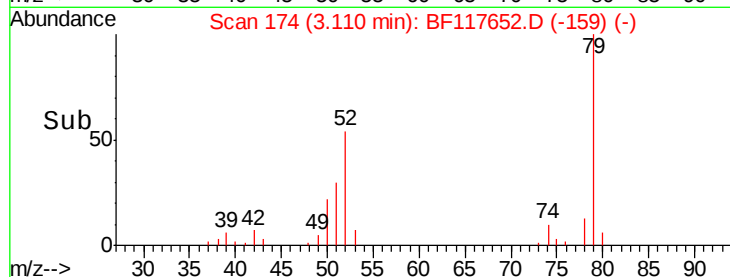
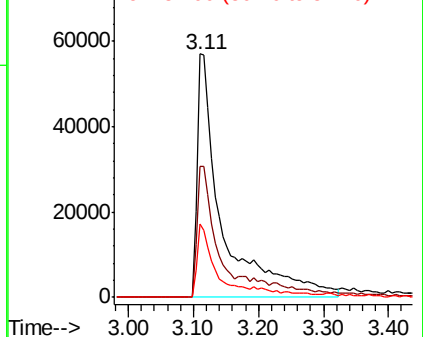
79 100

52 53.7 42.4 63.6

51 30.3 23.3 34.9



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: 43.523 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

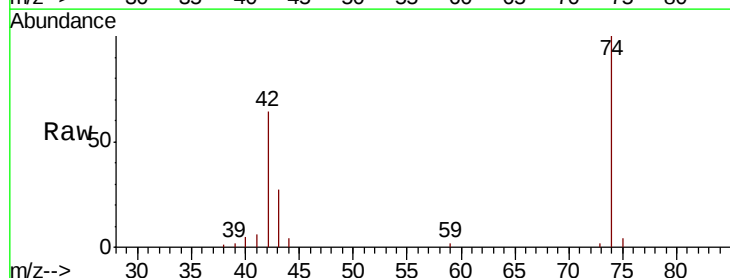
Tgt Ion: 42 Resp: 57231

Ion Ratio Lower Upper

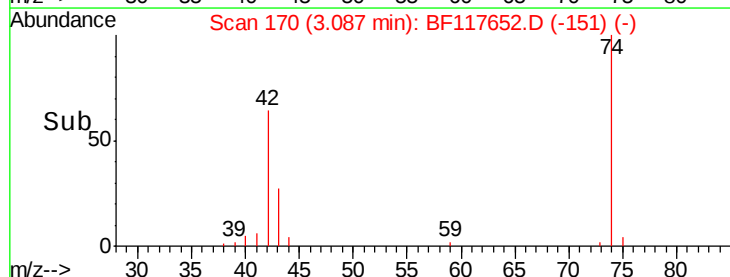
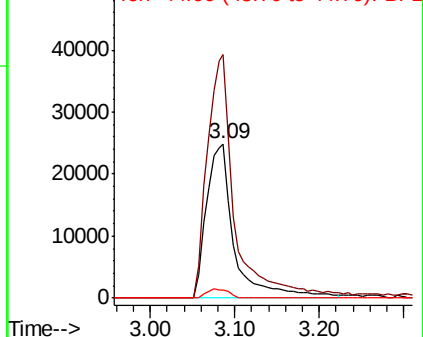
42 100

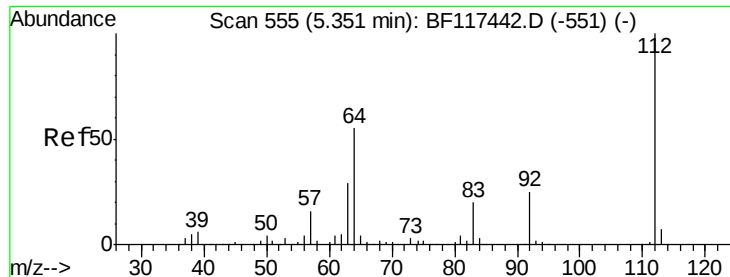
74 157.5 124.2 186.4

44 5.5 4.2 6.4



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: 86.448 ng

RT: 5.36 min Scan# 556

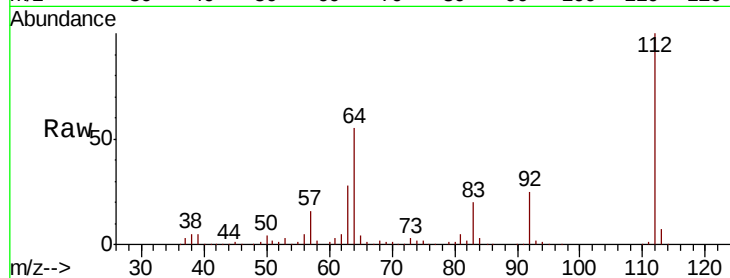
Delta R.T. 0.01 min

Lab File: BF117652.D

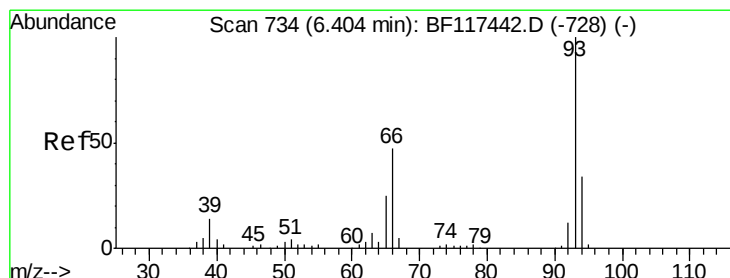
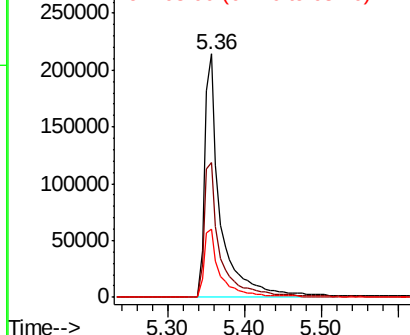
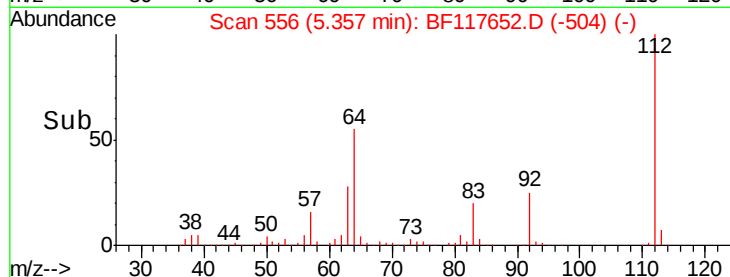
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	304441
Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.1	66.1
63	27.8	23.4	35.2



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: 41.806 ng

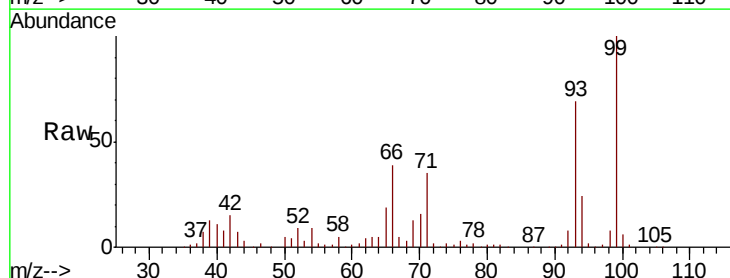
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

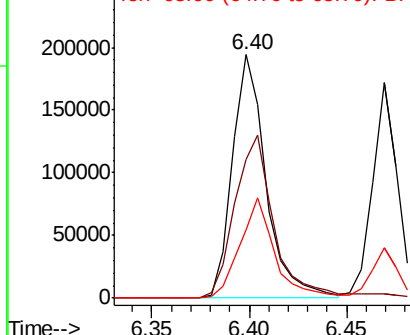
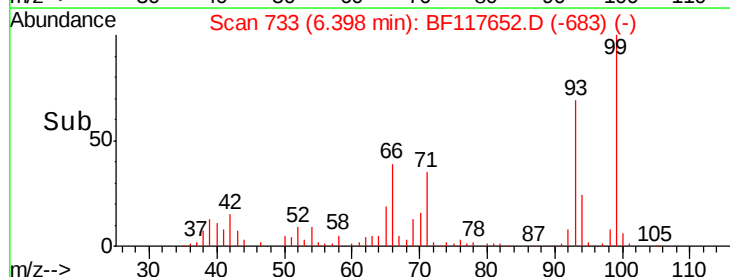
Lab File: BF117652.D

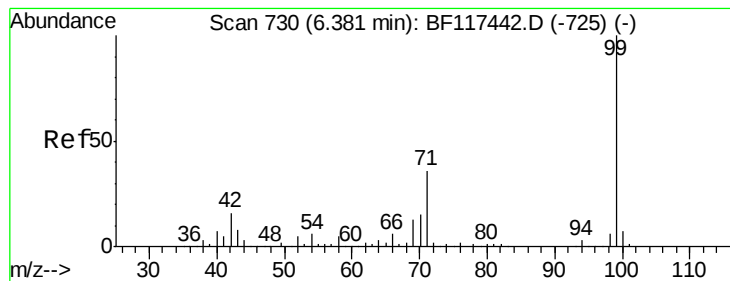
Acq: 31 Oct 2019 12:34

Tgt Ion:	93	Resp:	232153
Ion	Ratio	Lower	Upper
93	100		
66	57.2	38.7	58.1
65	28.1	20.1	30.1



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: 84.461 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

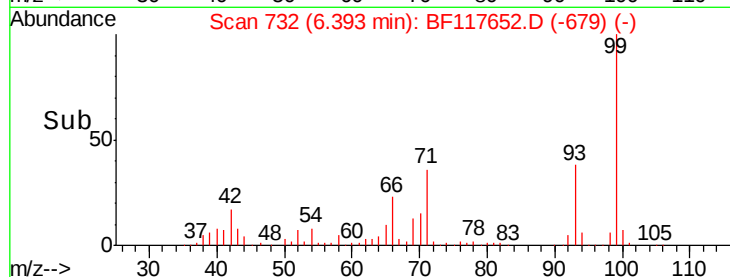
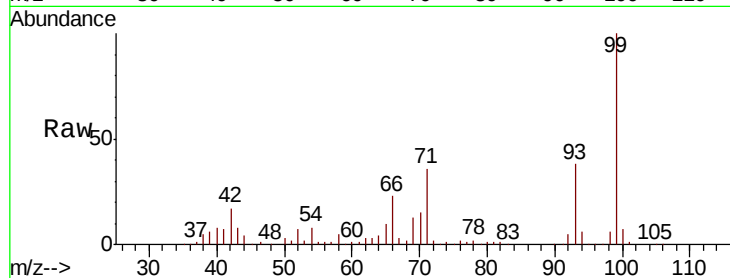
Tot Ion: 99 Resp: 399500

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

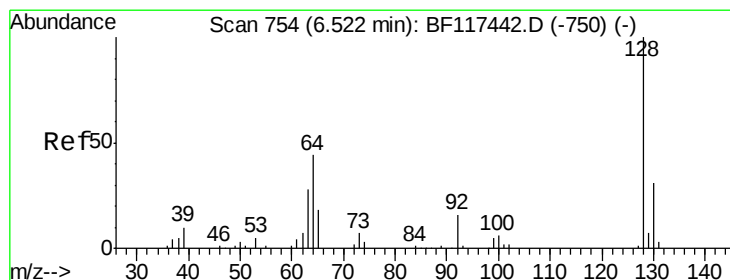
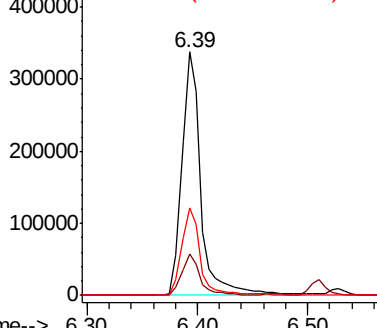
71 35.9 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.237 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

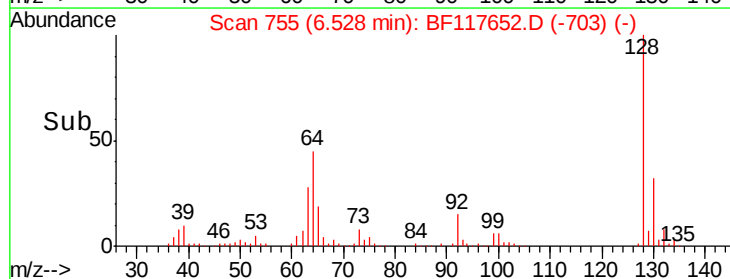
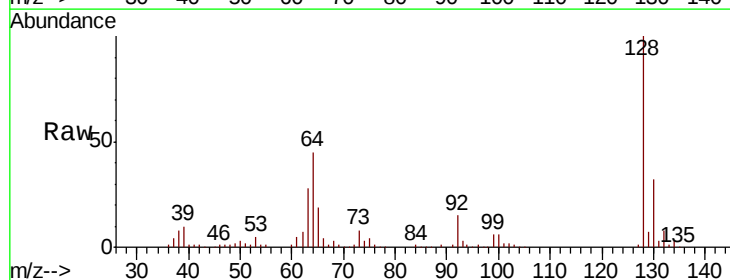
Tgt Ion: 128 Resp: 156957

Ion Ratio Lower Upper

128 100

130 32.2 11.1 51.1

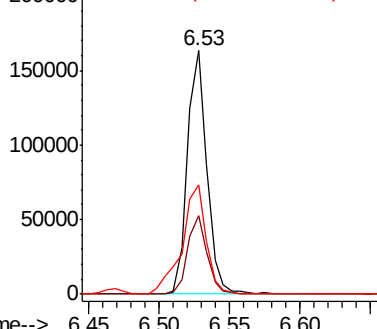
64 45.0 27.1 67.1

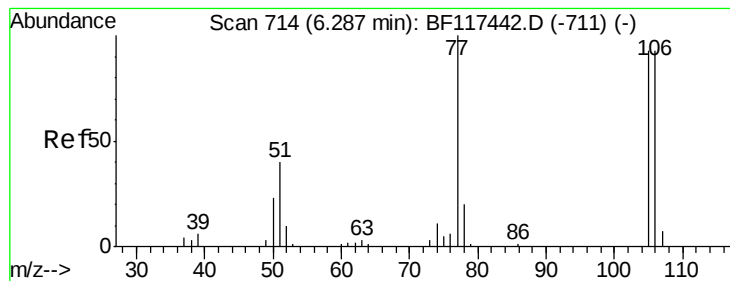


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.569 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampled :

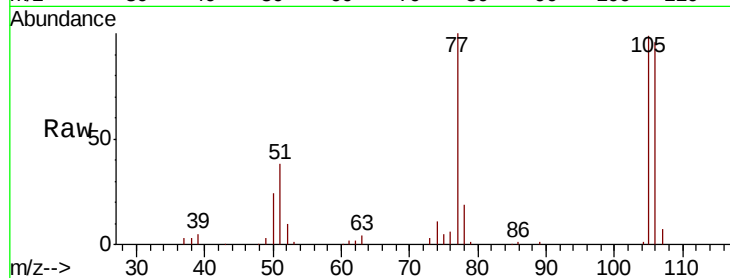
Tot Ion: 77 Resp: 104359

Ion Ratio Lower Upper

77 100

105 99.0 73.4 113.4

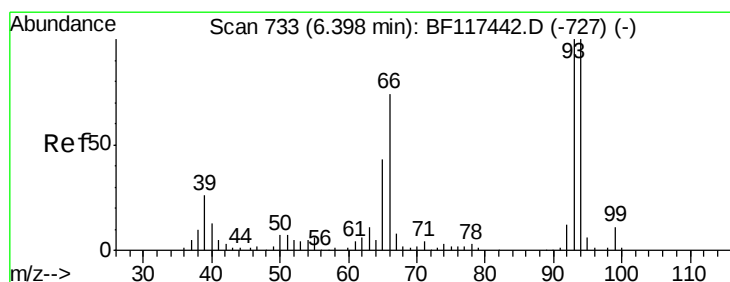
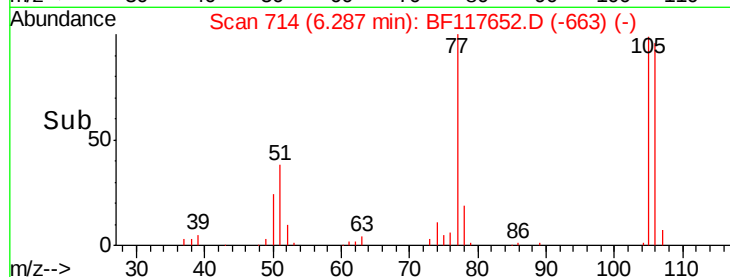
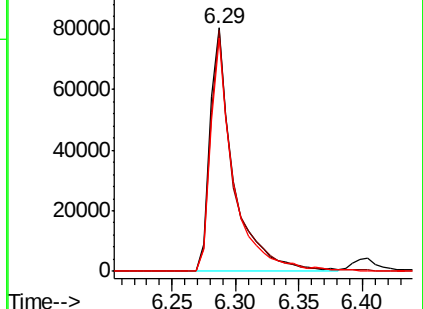
106 96.0 73.0 113.0



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: 41.827 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

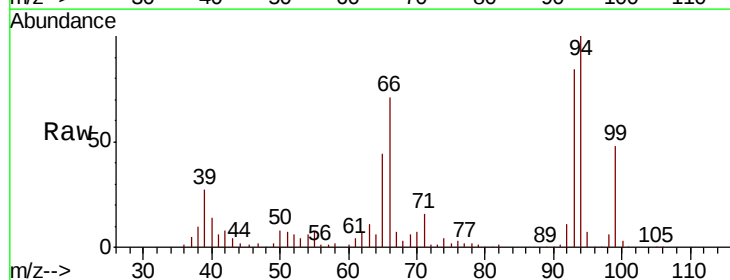
Tgt Ion: 94 Resp: 201923

Ion Ratio Lower Upper

94 100

65 43.6 23.4 63.4

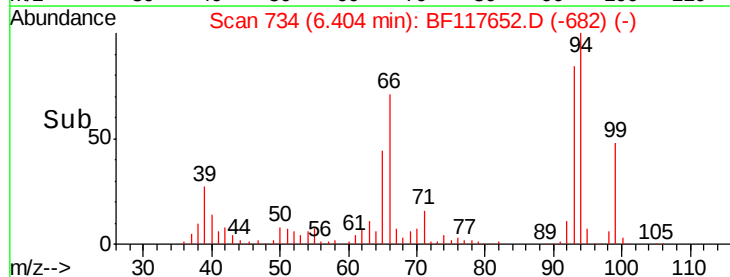
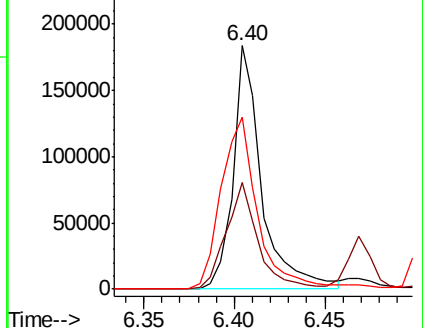
66 70.7 54.7 94.7

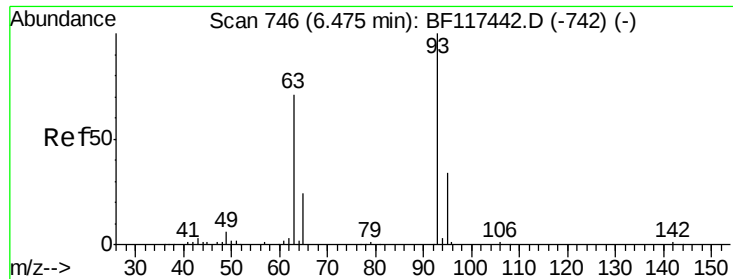


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



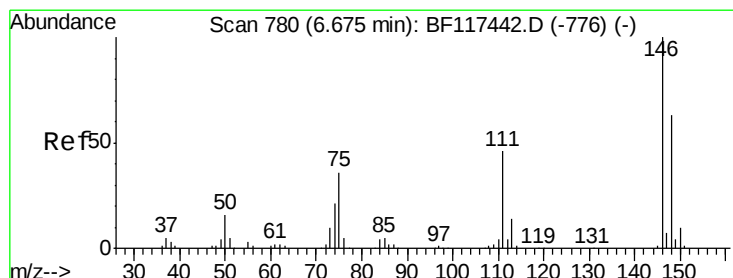
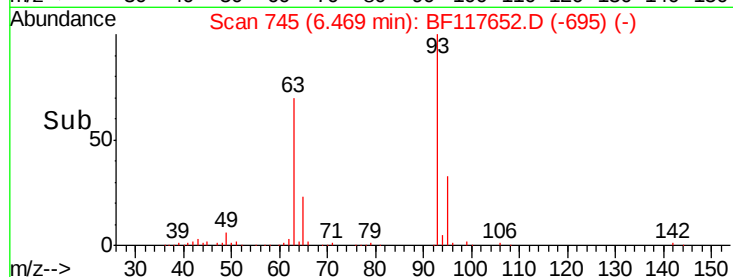
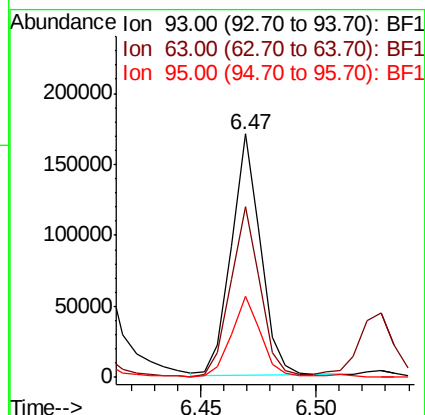
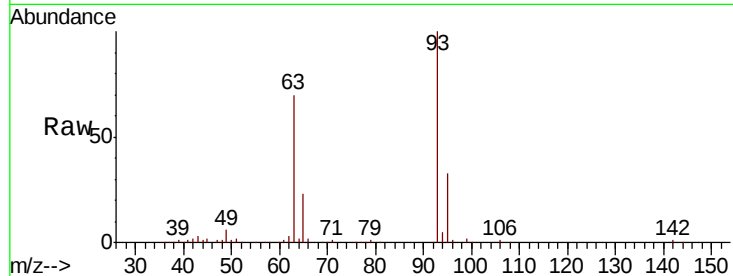


#11

bis(2-Chloroethyl)ether
Concen: 42.177 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

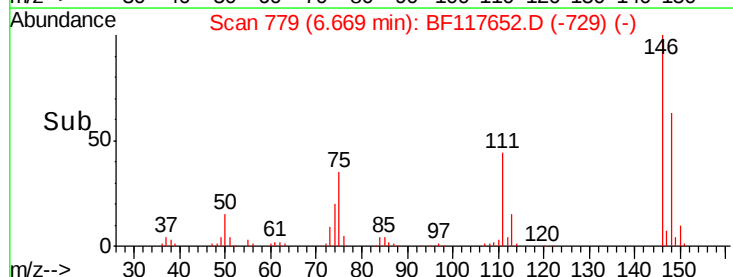
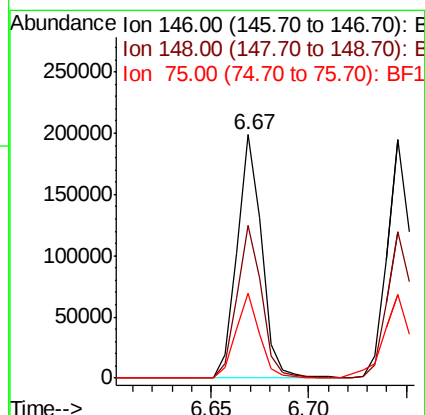
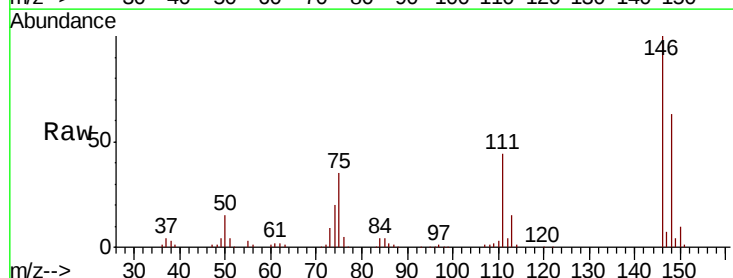
Tot Ion	93	Resp	150605
Ion Ratio	Lower	Upper	
93	100		
63	70.3	50.2	90.2
95	33.4	13.9	53.9



#12

1,3-Dichlorobenzene
Concen: 42.019 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion	146	Resp	174251
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	75.8
75	34.9	28.6	43.0

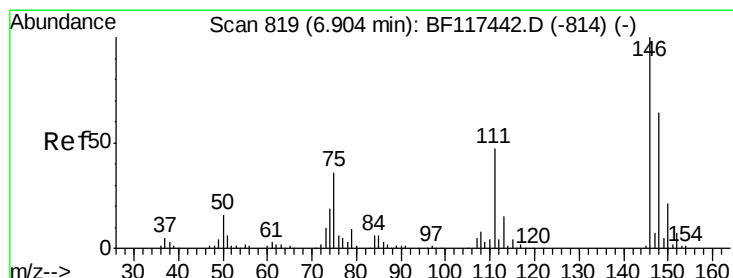
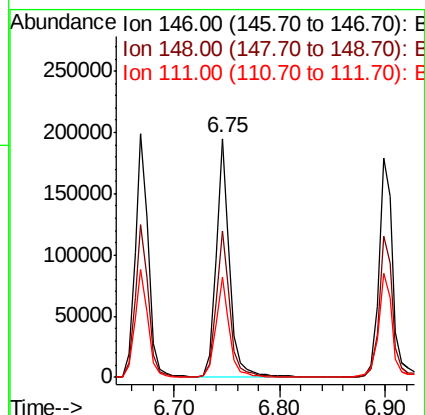
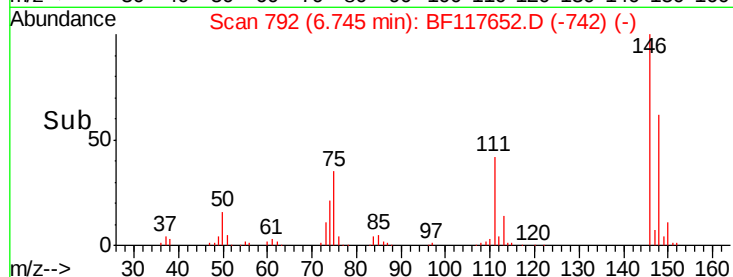
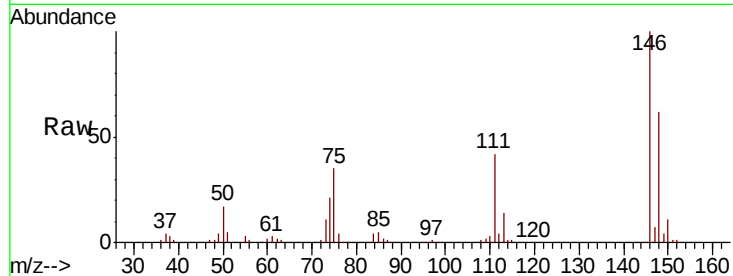




#13
 1,4-Dichlorobenzene
 Concen: 41.889 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

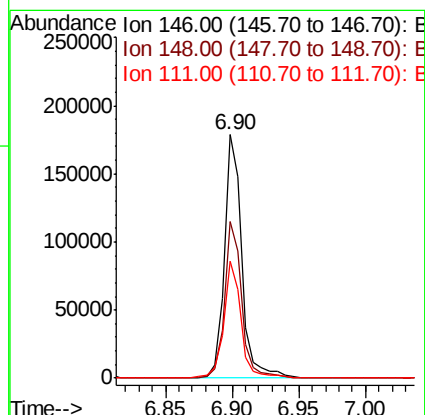
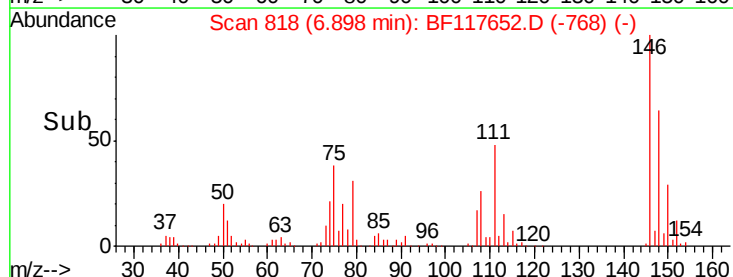
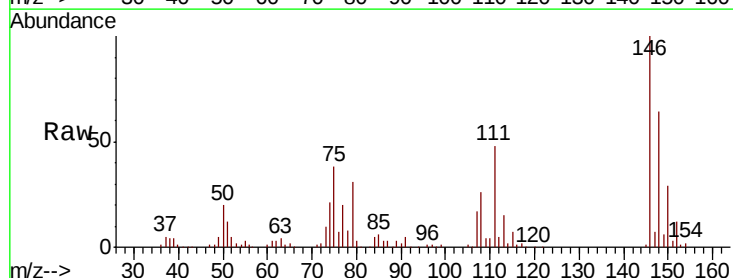
Instrument :
 BNA_F
 ClientSampled :

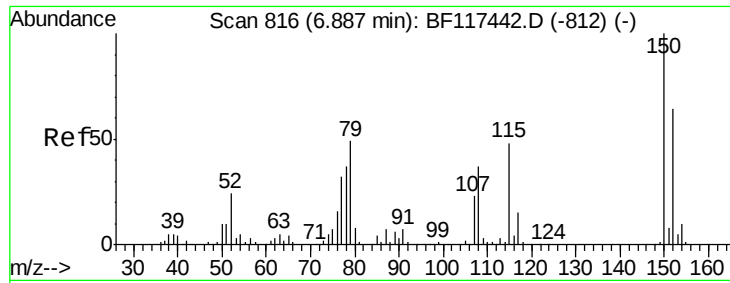
Tot Ion:146 Resp: 176222
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.3 73.9
 111 42.1 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 41.632 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:146 Resp: 165089
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 47.8 37.7 56.5

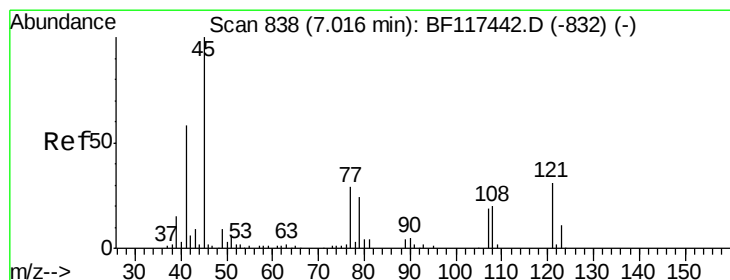
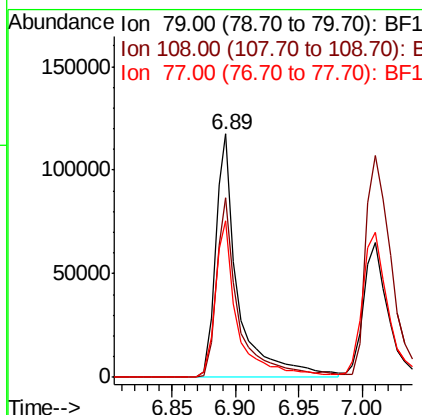
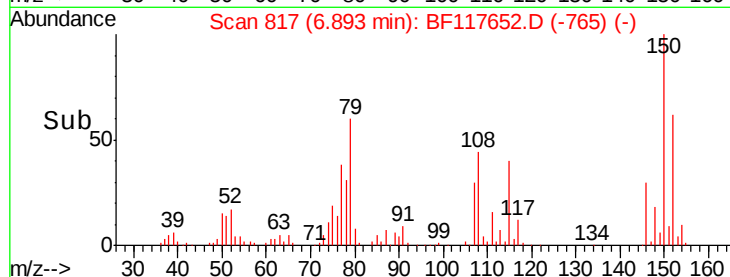
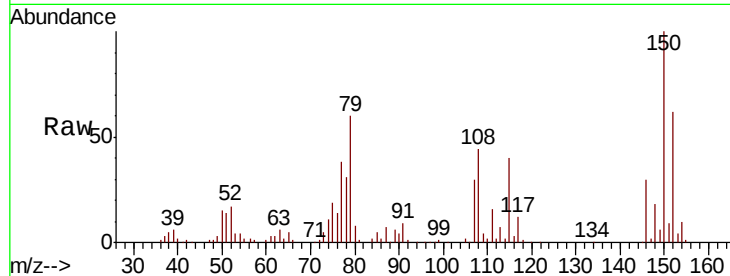




#15
Benzyl Alcohol
Concen: 43.286 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

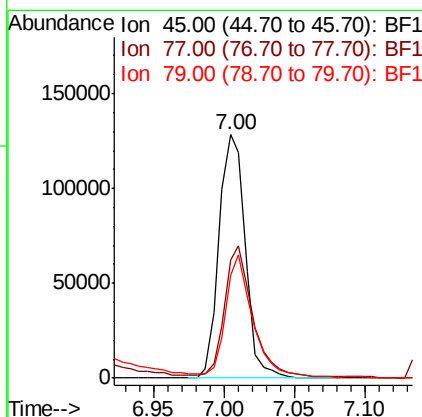
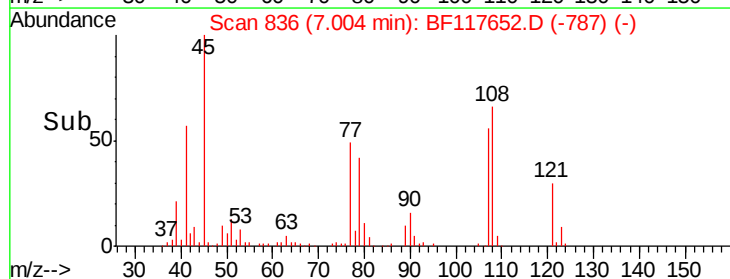
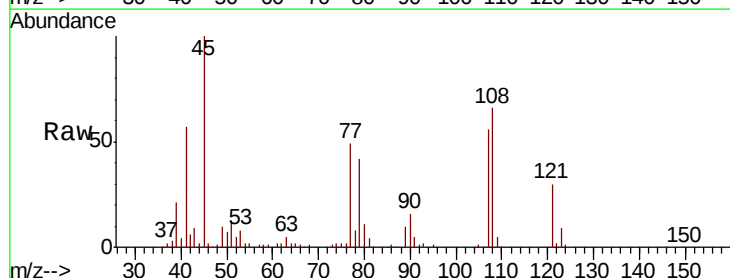
Instrument :
BNA_F
ClientSampleID :

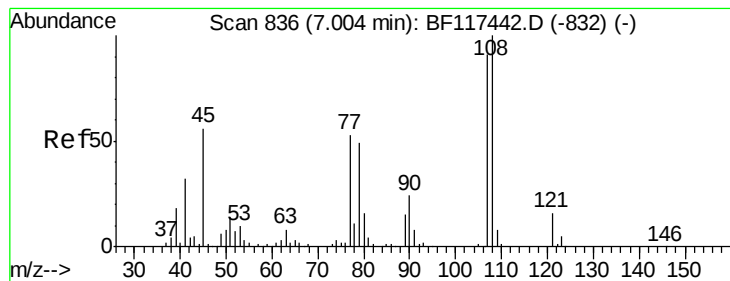
Tot Ion: 79 Resp: 146277
Ion Ratio Lower Upper
79 100
108 74.0 59.8 89.8
77 64.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.062 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion: 45 Resp: 165878
Ion Ratio Lower Upper
45 100
77 48.8 9.9 49.9
79 42.3 5.5 45.5

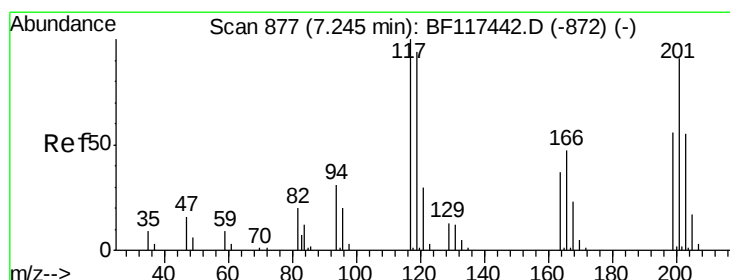
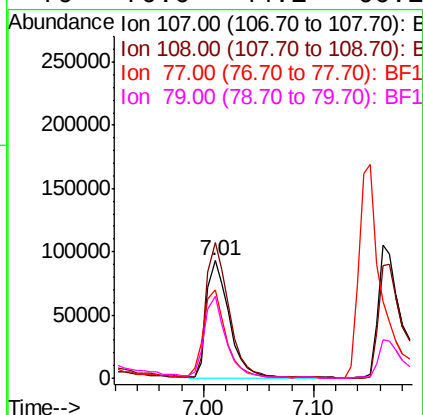
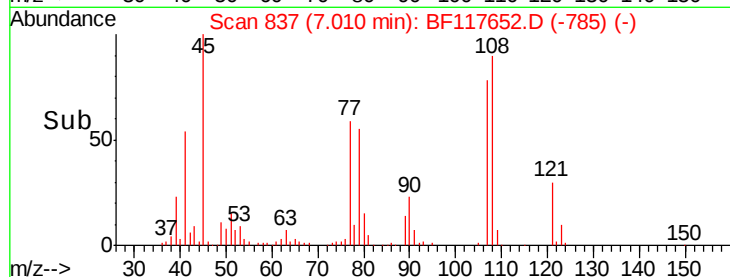
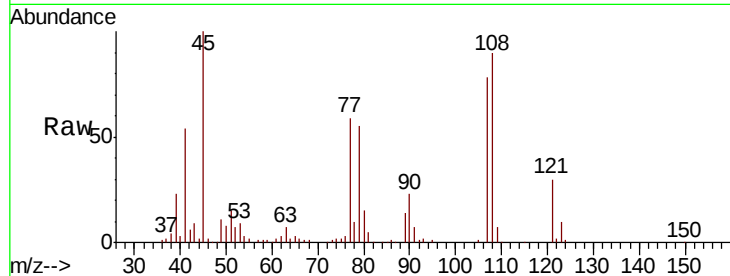




#17
2-Methylphenol
Concen: 42.539 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

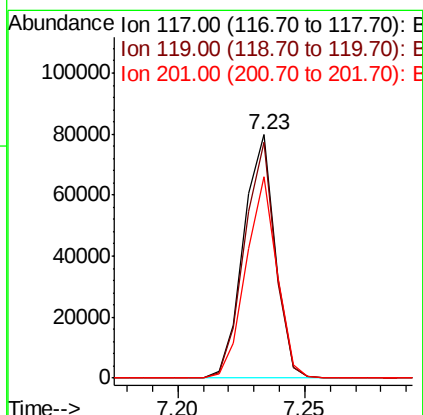
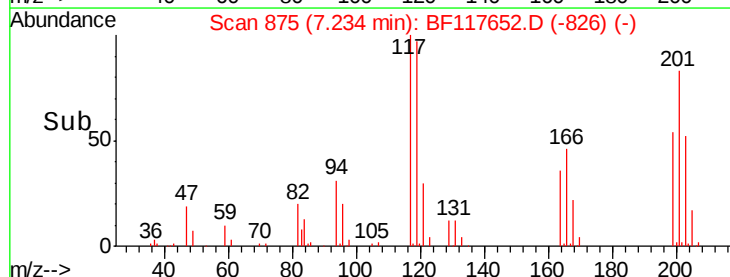
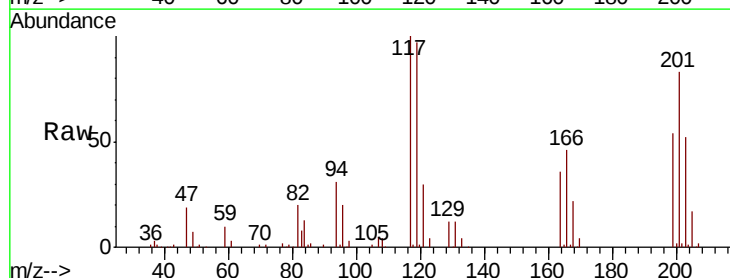
Instrument :
BNA_F
ClientSampleId :

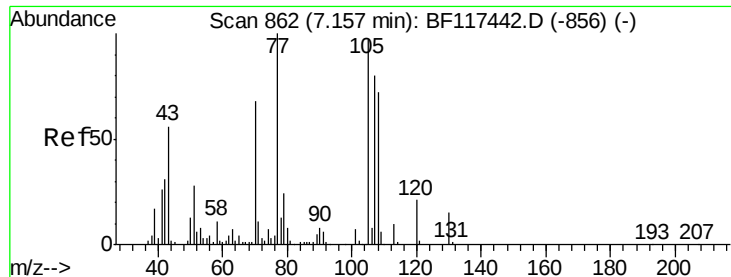
Tot Ion:107 Resp: 130043
Ion Ratio Lower Upper
107 100
108 115.3 88.0 132.0
77 75.2 47.2 70.8#
79 70.0 44.1 66.1#



#18
Hexachloroethane
Concen: 42.195 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:117 Resp: 69284
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 82.9 72.5 108.7

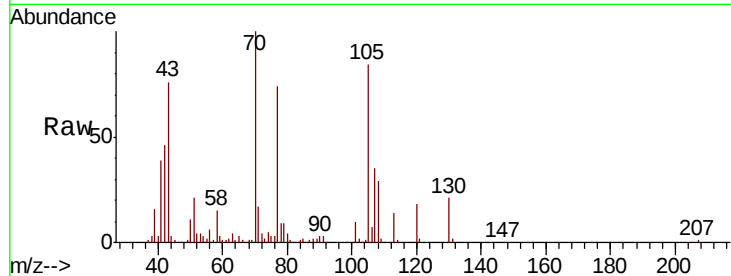




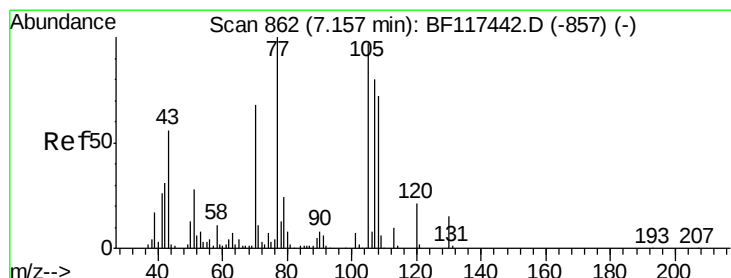
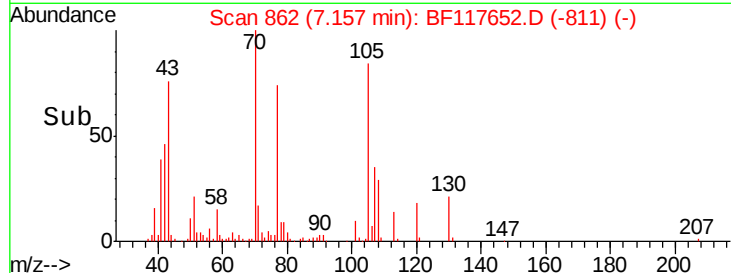
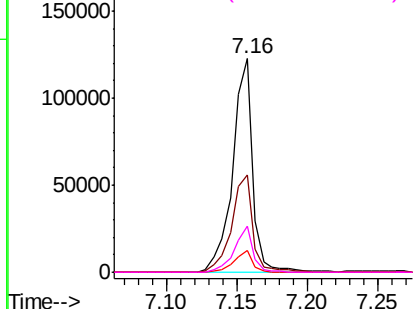
#19
n-Nitroso-di-n-propylamine
Concen: 42.112 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 121649
Ion Ratio Lower Upper
70 100
42 45.6 36.7 55.1
101 10.3 8.3 12.5
130 21.5 18.1 27.1

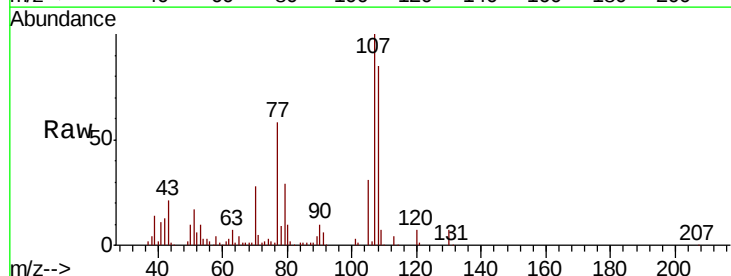


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

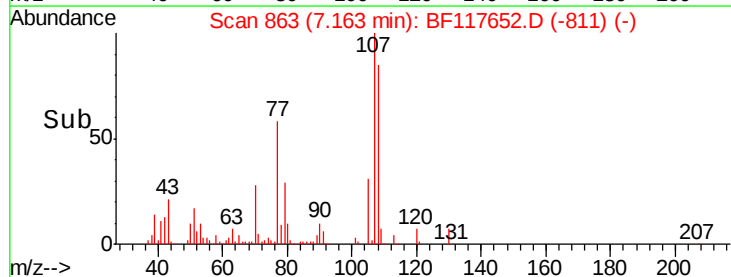
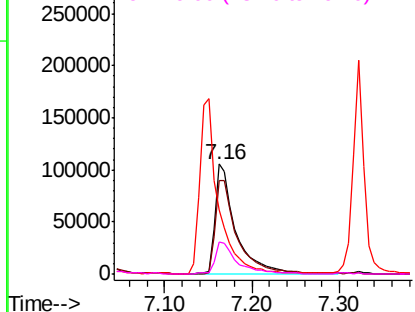


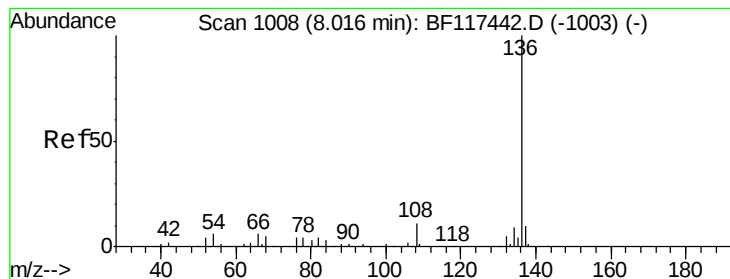
#20
3+4-Methylphenols
Concen: 43.178 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:107 Resp: 173058
Ion Ratio Lower Upper
107 100
108 84.8 70.3 110.3
77 57.9 104.8 144.8#
79 28.7 10.0 50.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 221232

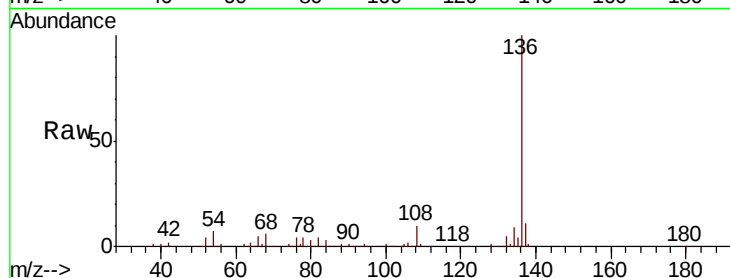
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 6.5 4.5 6.7

68 5.8 4.3 6.5

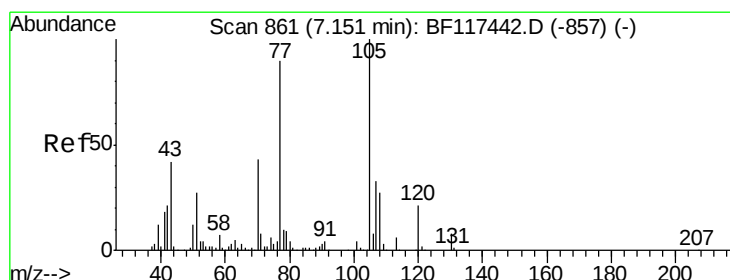
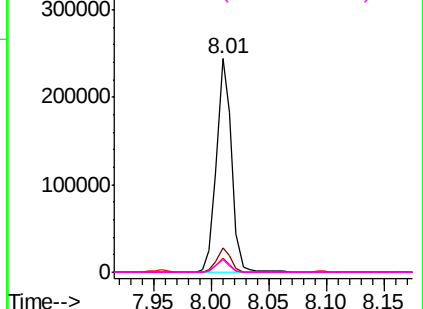
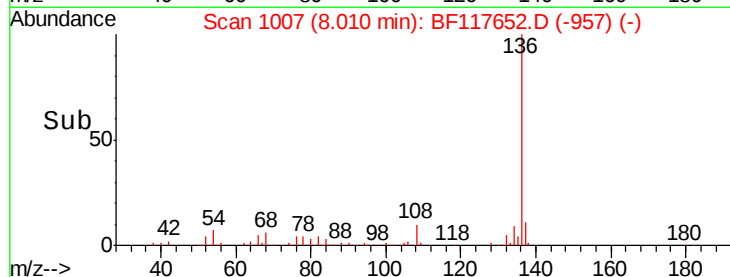


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.542 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Tgt Ion:105 Resp: 244038

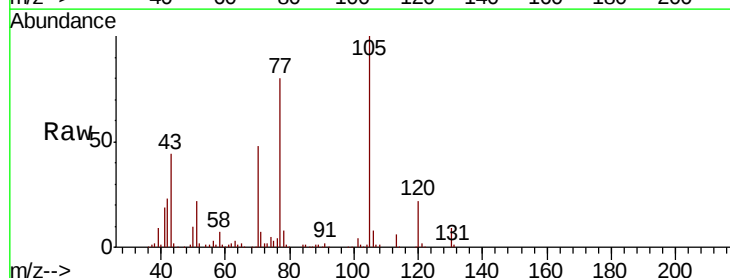
Ion Ratio Lower Upper

105 100

71 7.5 6.2 9.2

51 22.3 21.8 32.6

120 21.9 16.7 25.1

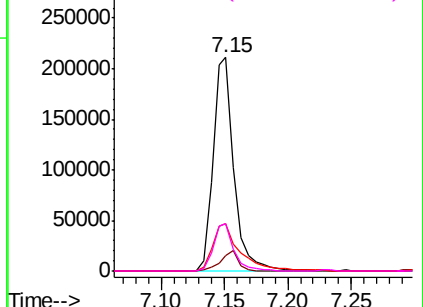
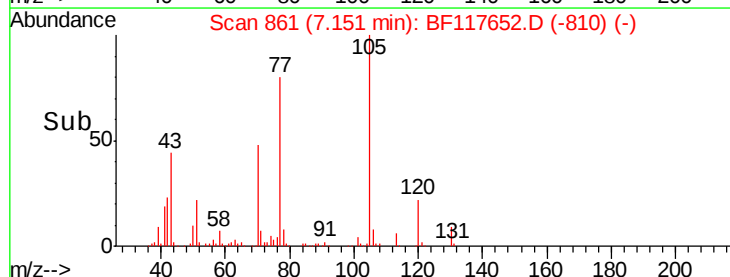


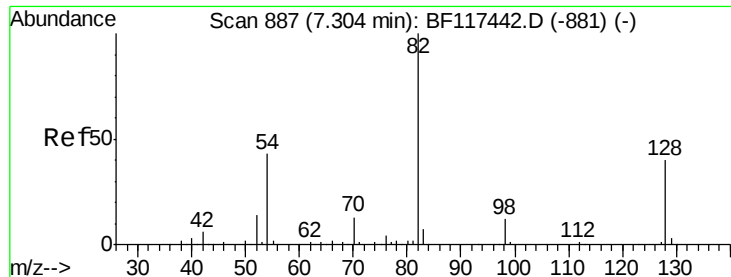
Abundance Ion 105.00 (104.70 to 105.70): E

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

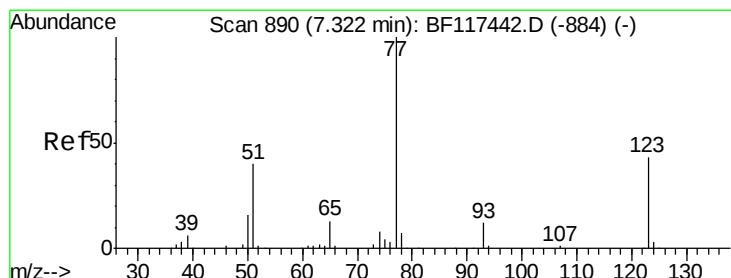
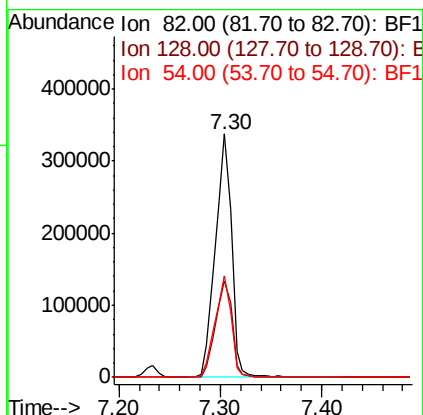
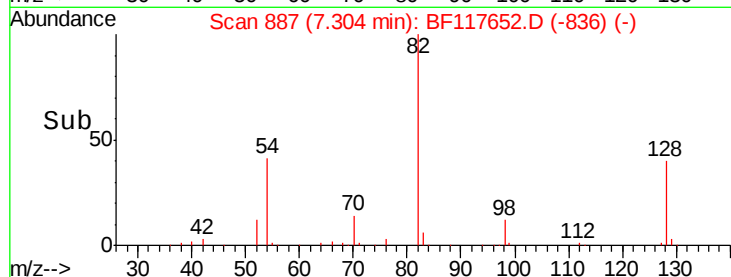
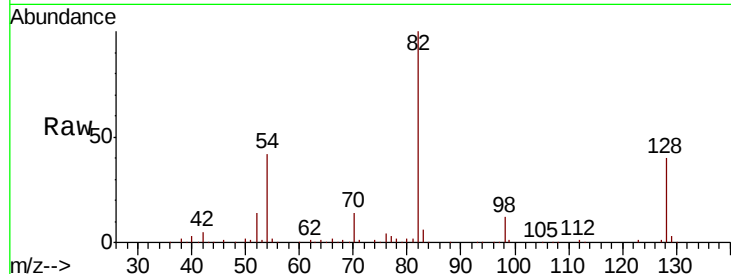




#23
Nitrobenzene-d5
Concen: 84.673 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

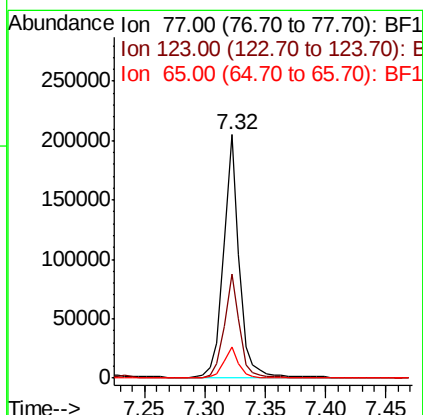
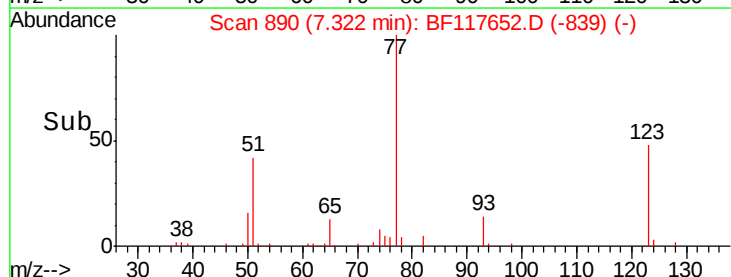
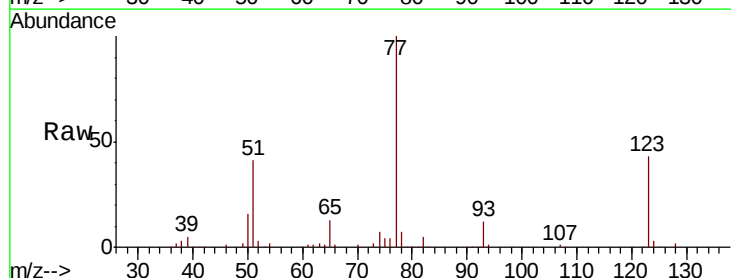
Instrument :
BNA_F
ClientSampleId :

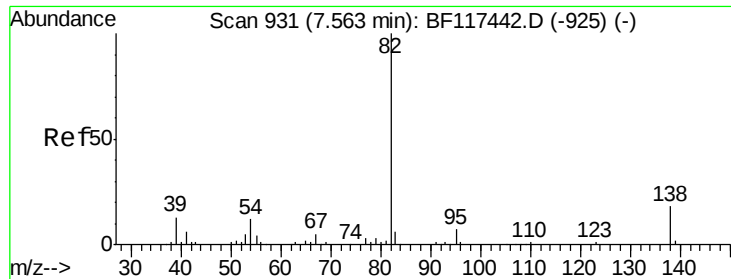
Tot Ion: 82 Resp: 379446
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 41.8 34.2 51.2



#24
Nitrobenzene
Concen: 42.636 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion: 77 Resp: 182999
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.2
65 12.6 10.3 15.5





#25

Isophorone

Concen: 41.153 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

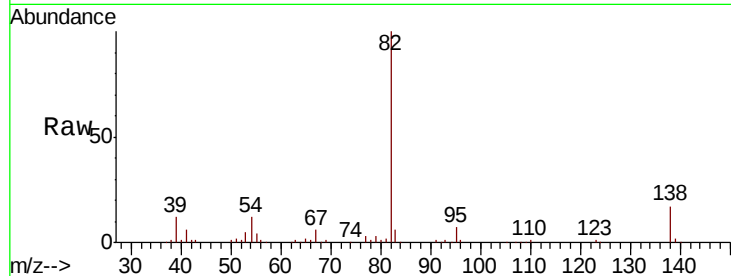
Tot Ion: 82 Resp: 319030

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

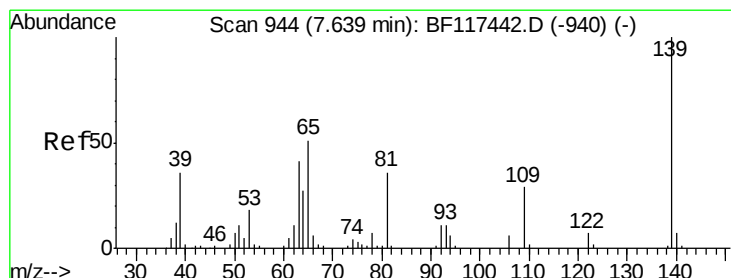
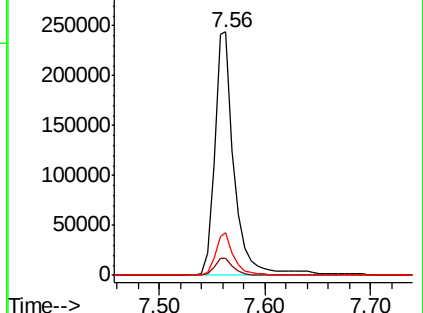
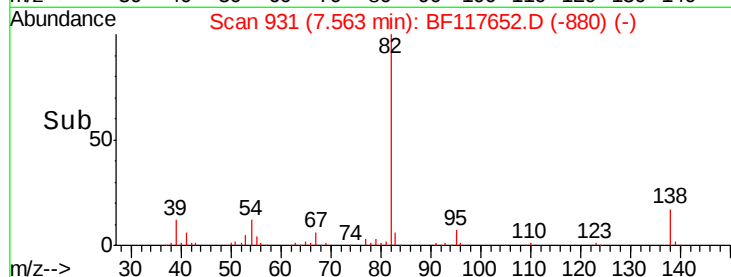
138 17.5 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.670 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

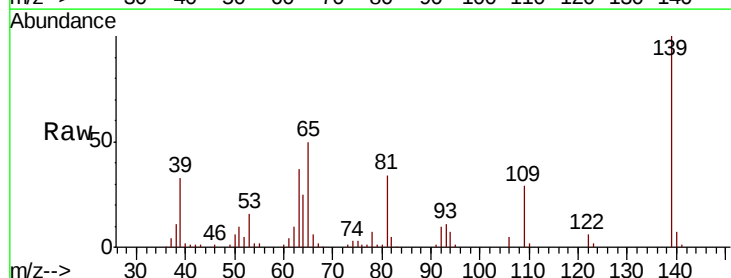
Tgt Ion: 139 Resp: 83599

Ion Ratio Lower Upper

139 100

109 28.7 23.2 34.8

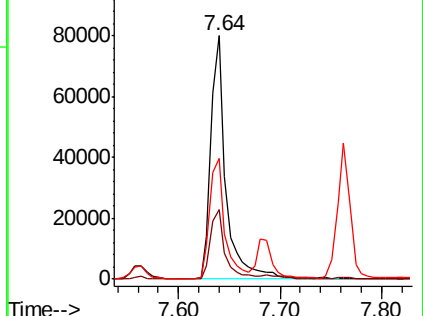
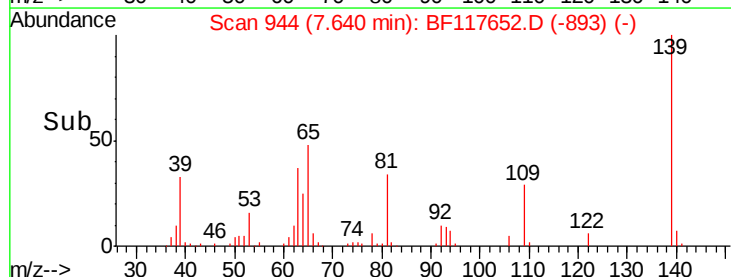
65 49.7 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

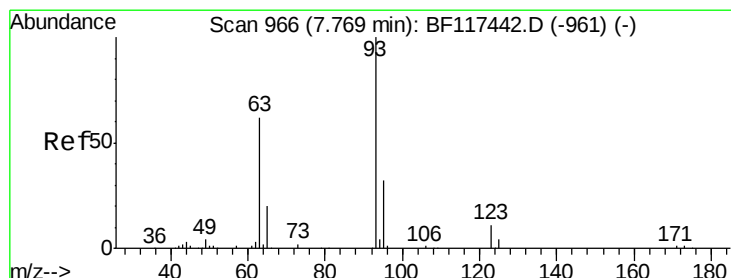
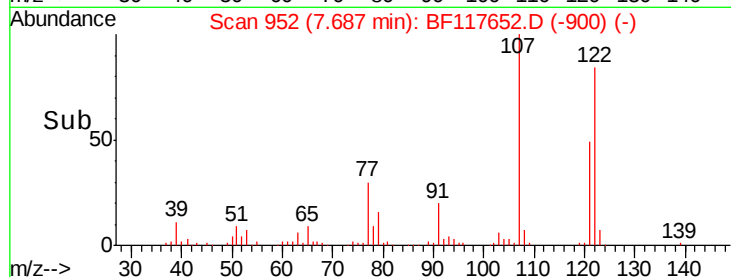
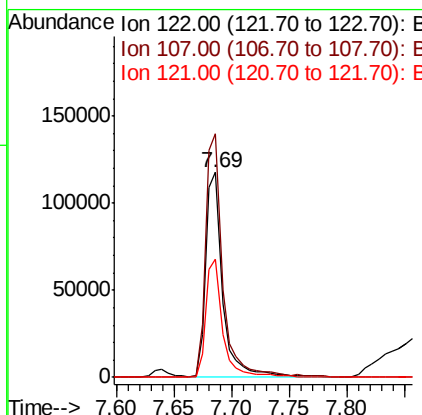
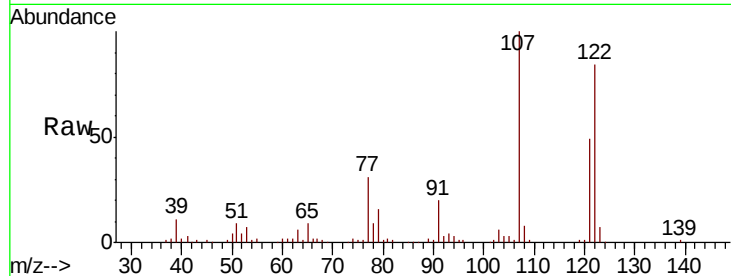




#27
 2,4-Dimethylphenol
 Concen: 42.674 ng
 RT: 7.69 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

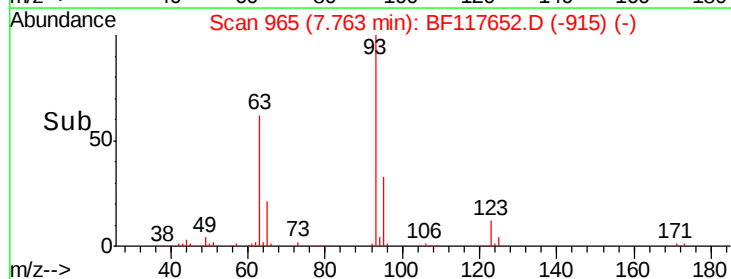
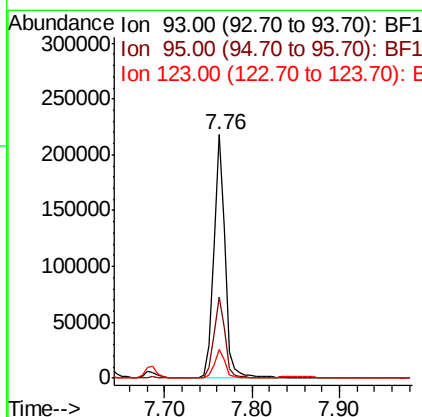
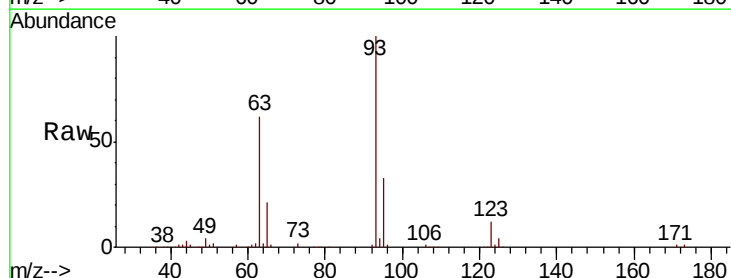
Instrument :
 BNA_F
 ClientSampled :

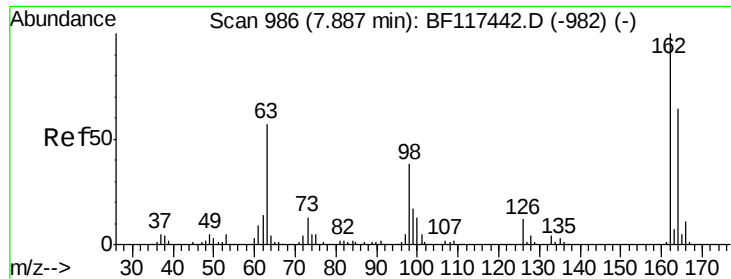
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	96.8	145.2
121	57.7	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.017 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.5	38.3
123	11.5	9.0	13.6

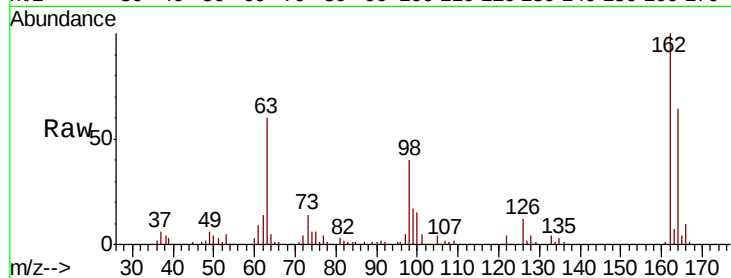




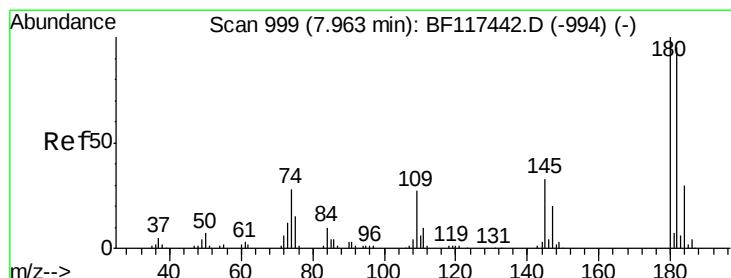
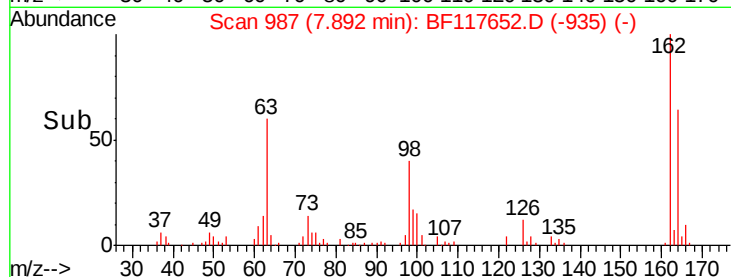
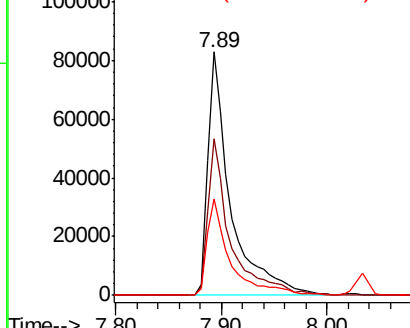
#29
 2,4-Dichlorophenol
 Concen: 41.589 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 124798
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.4 84.4
 98 39.7 18.2 58.2

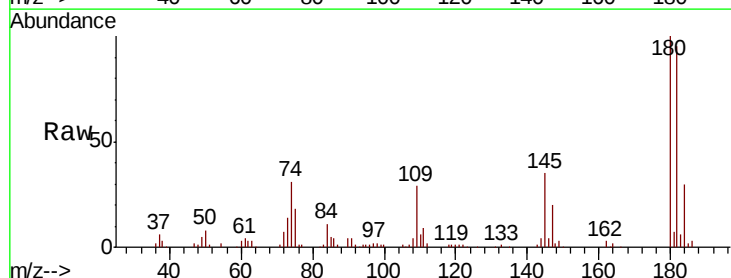


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

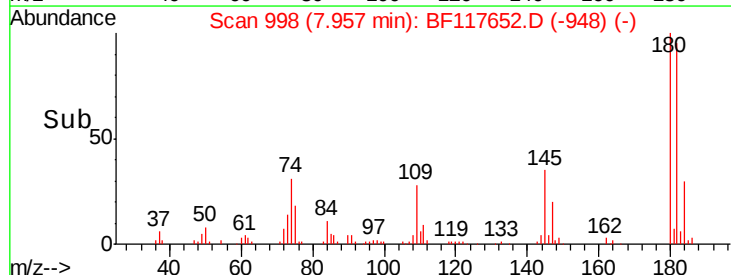
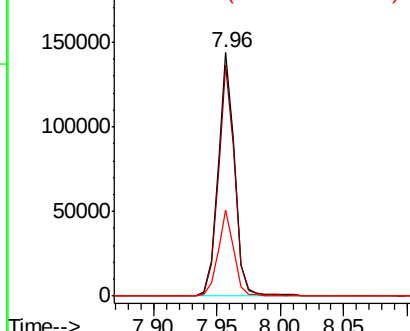


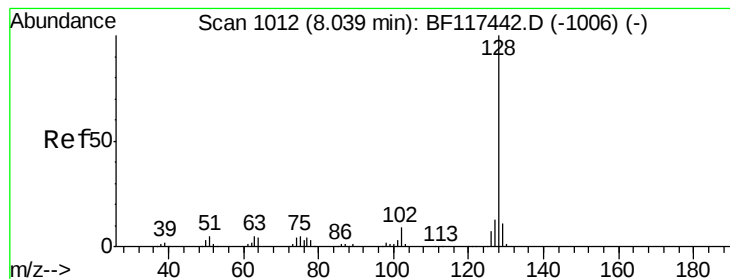
#30
 1,2,4-Trichlorobenzene
 Concen: 41.034 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:180 Resp: 132137
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.8
 145 35.2 26.5 39.7



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





#31

Naphthalene

Concen: 41.215 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

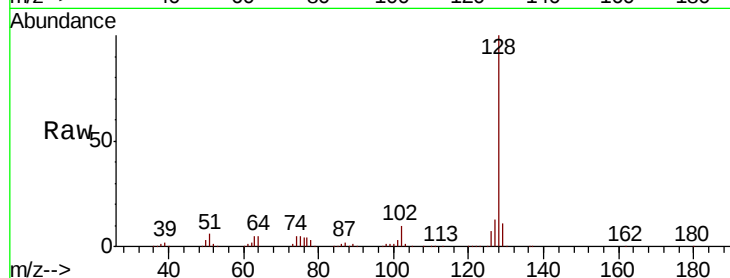
Tot Ion:128 Resp: 451949

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

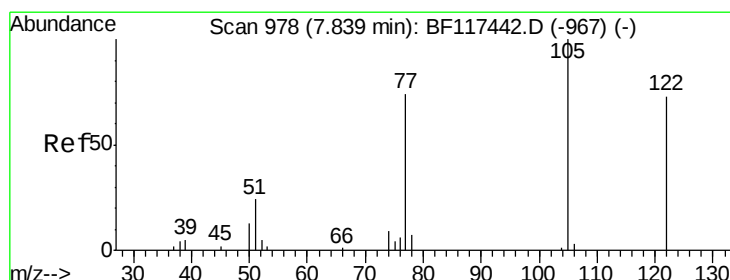
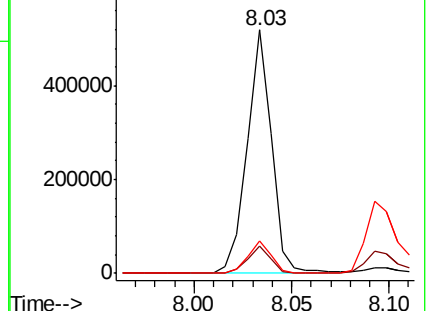
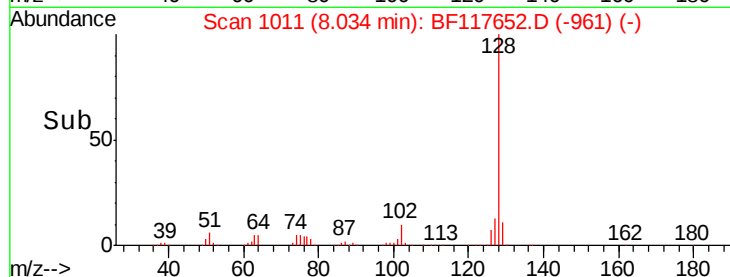
127 13.1 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.696 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

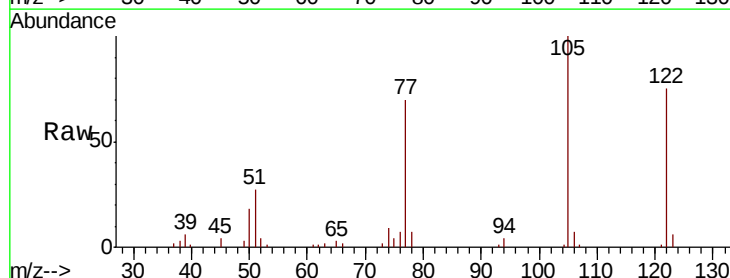
Tgt Ion:122 Resp: 66028

Ion Ratio Lower Upper

122 100

105 133.7 115.0 155.0

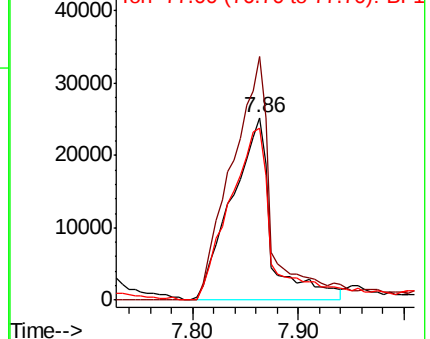
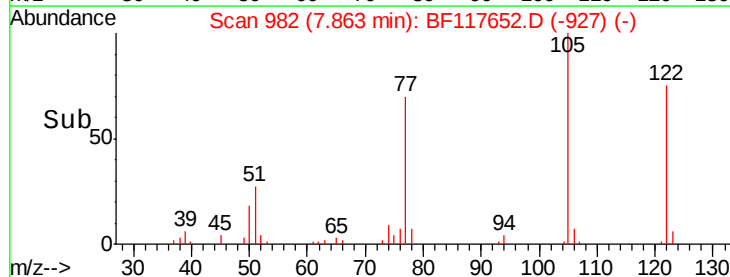
77 94.1 79.7 119.7

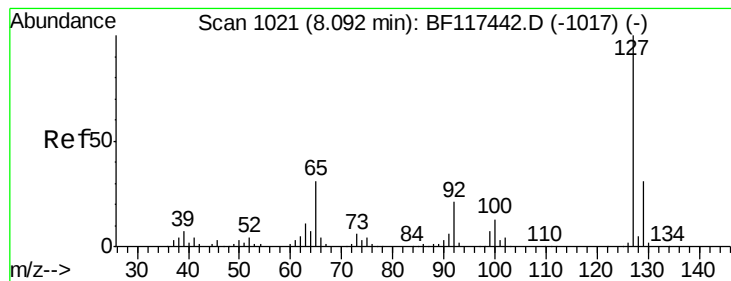


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 42.744 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 197816

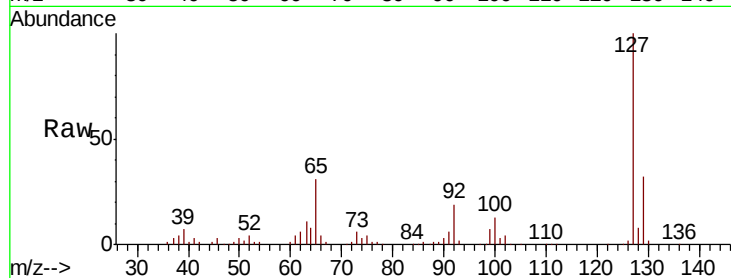
Ion Ratio Lower Upper

127 100

129 31.7 24.8 37.2

65 30.8 24.6 37.0

92 18.8 16.5 24.7

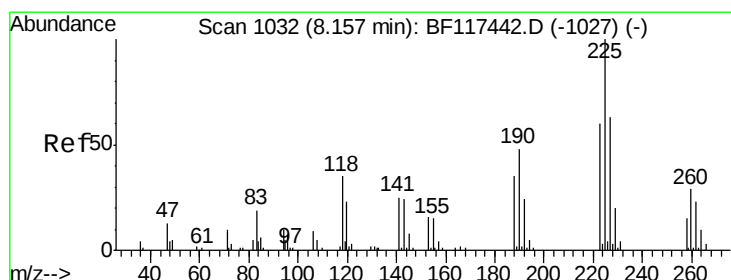
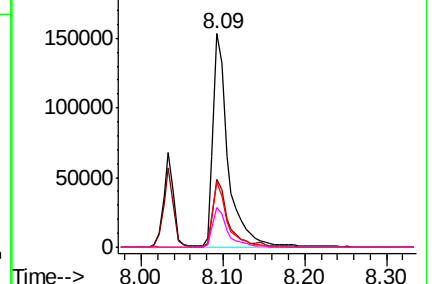
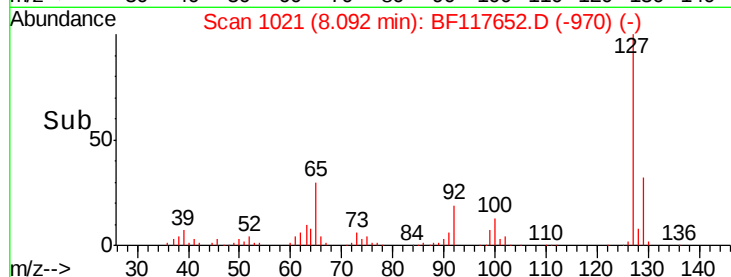


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.121 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

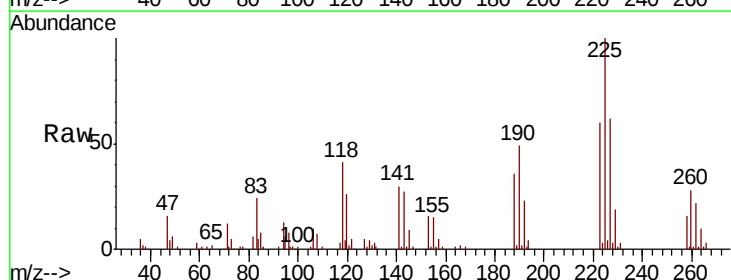
Tgt Ion:225 Resp: 74780

Ion Ratio Lower Upper

225 100

223 60.3 48.2 72.4

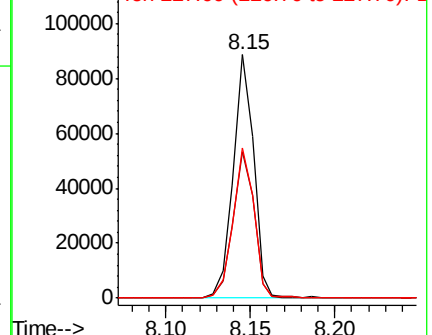
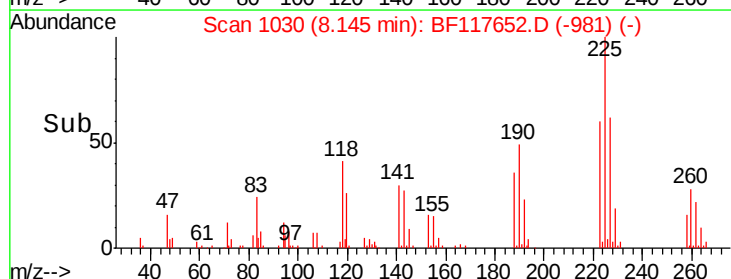
227 61.8 50.2 75.4

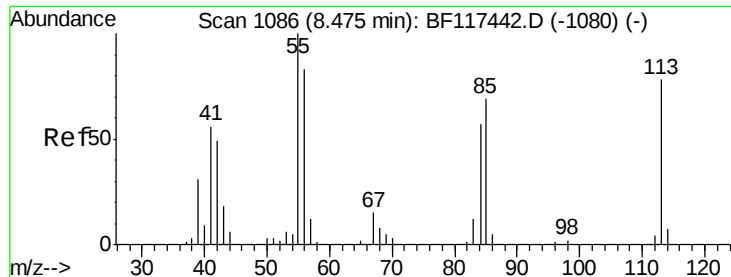


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

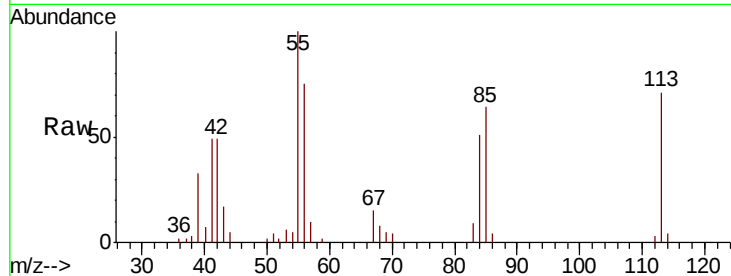




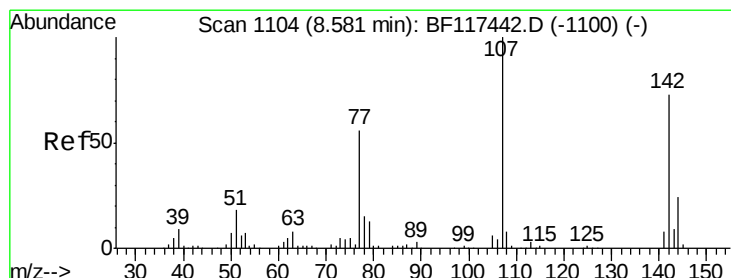
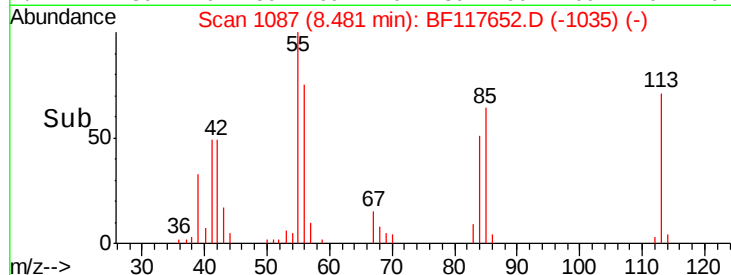
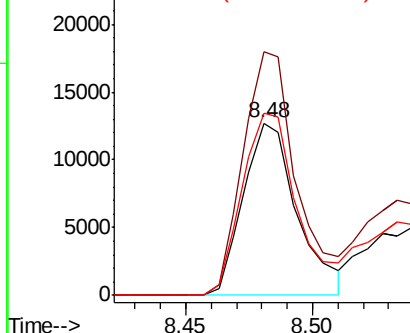
#35
Caprolactam
Concen: 19.447 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 18746
Ion Ratio Lower Upper
113 100
55 141.3 108.8 148.8
56 106.0 87.2 127.2

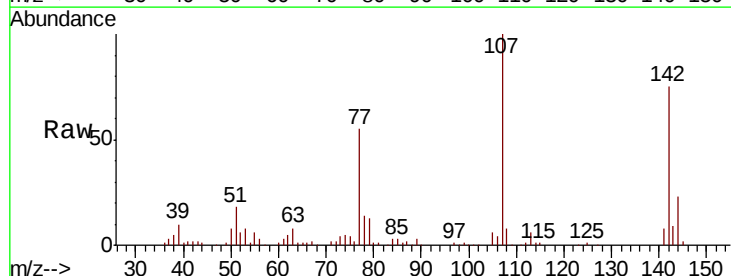


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

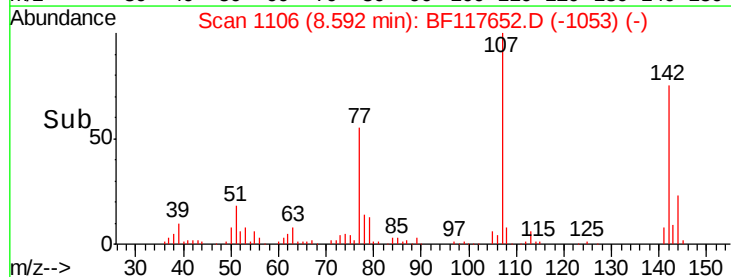
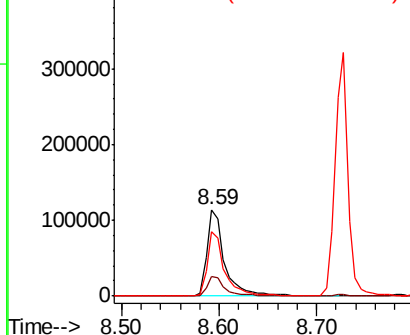


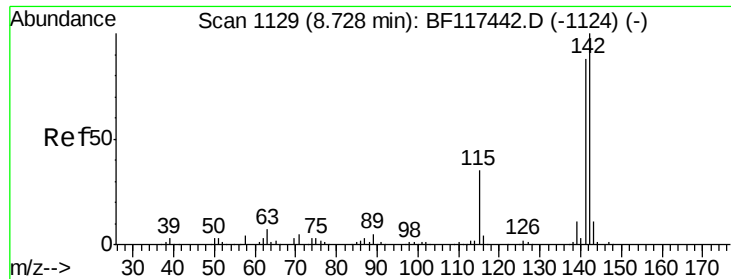
#36
4-Chloro-3-methylphenol
Concen: 41.657 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:107 Resp: 142562
Ion Ratio Lower Upper
107 100
144 22.6 18.9 28.3
142 75.1 58.6 88.0



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

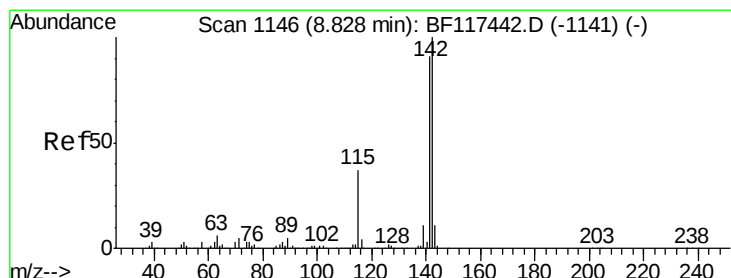
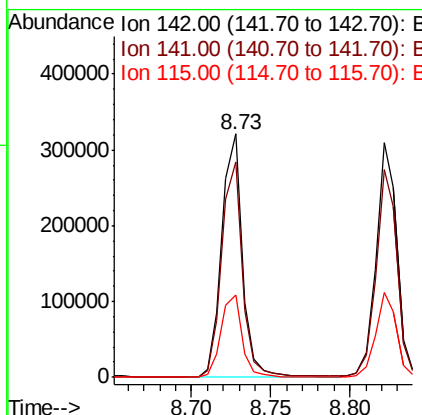
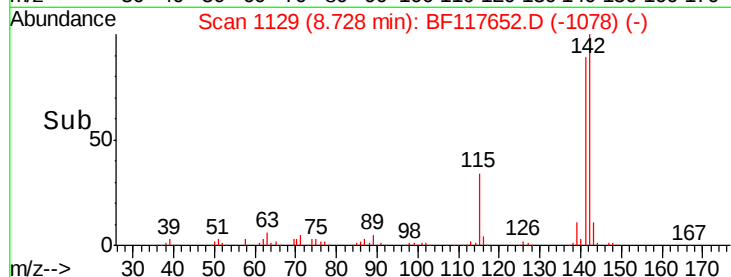
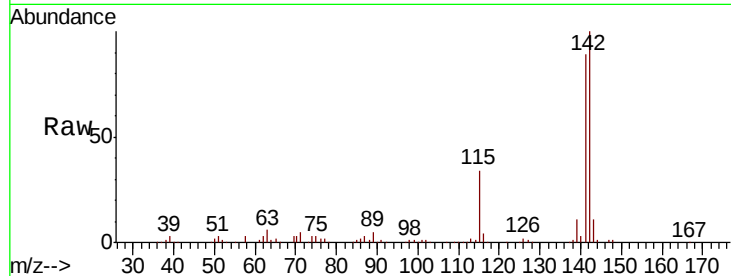




#37
2-Methylnaphthalene
Concen: 39.383 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

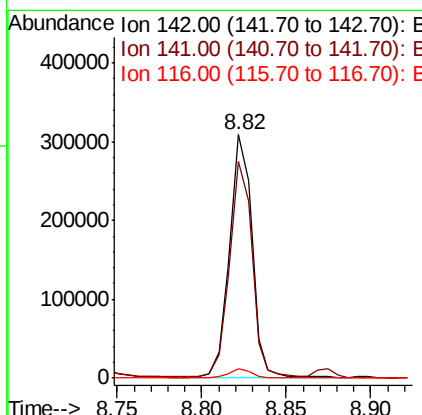
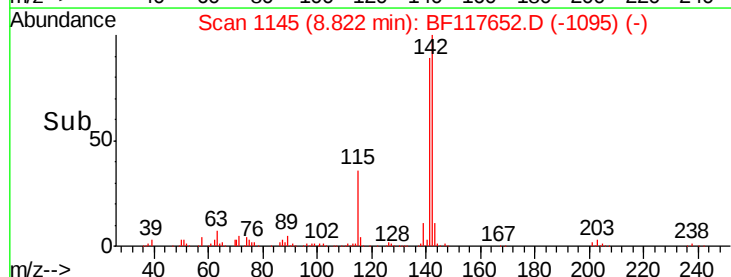
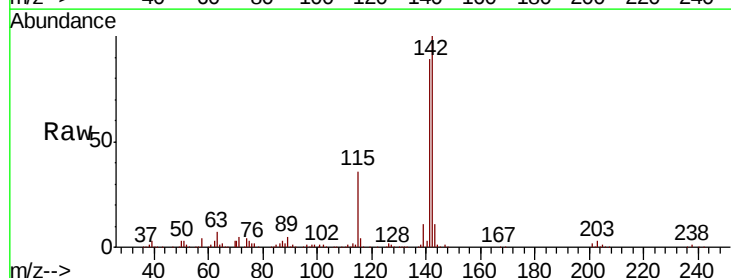
Instrument :
BNA_F
ClientSampleId :

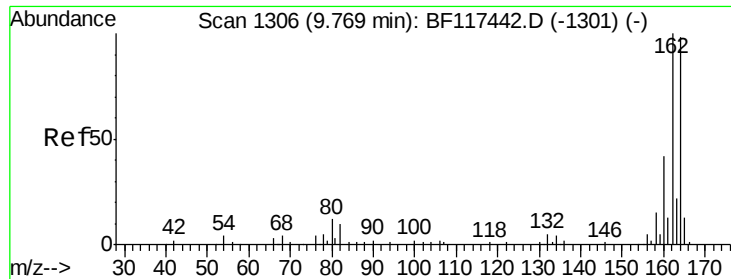
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	33.7	28.2	42.2



#38
1-Methylnaphthalene
Concen: 40.999 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.3	109.9
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

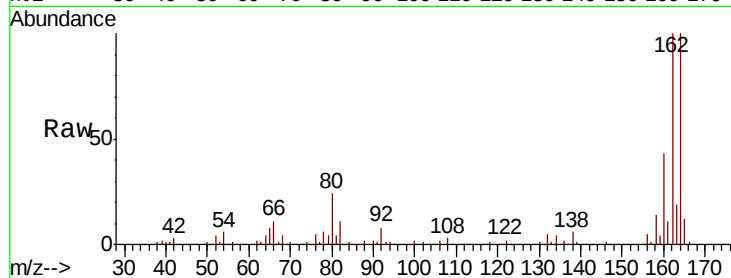
Tot Ion:164 Resp: 111876

Ion Ratio Lower Upper

164 100

162 99.9 81.8 122.6

160 43.4 34.4 51.6

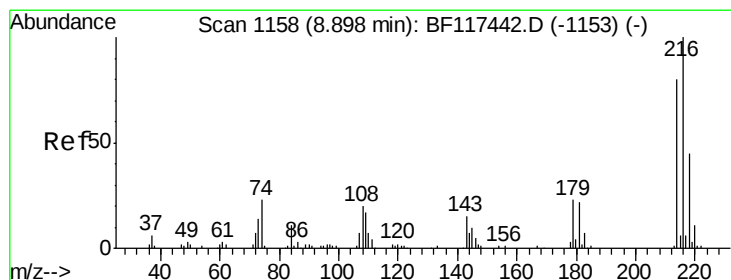
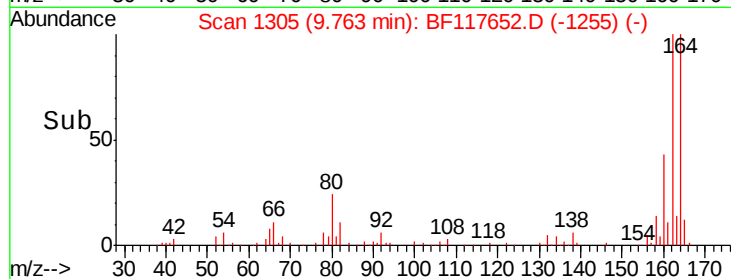
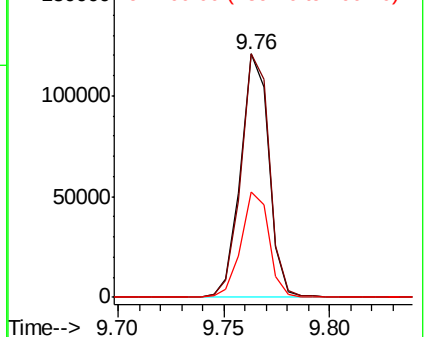


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.018 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Tgt Ion:216 Resp: 120585

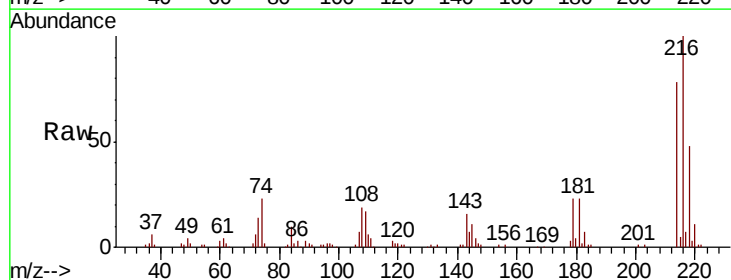
Ion Ratio Lower Upper

216 100

214 79.7 62.4 93.6

179 23.5 18.1 27.1

108 23.2 16.6 24.8



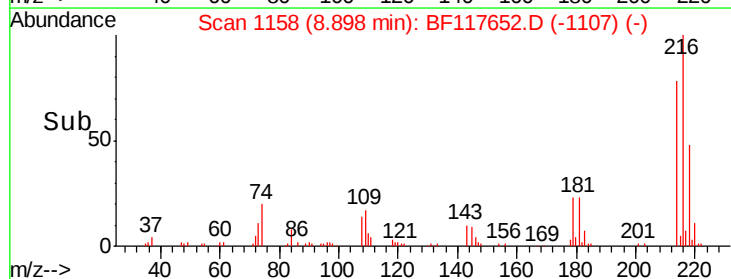
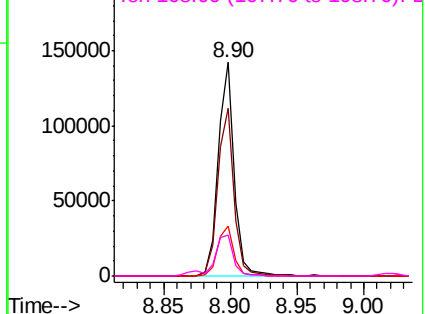
Abundance

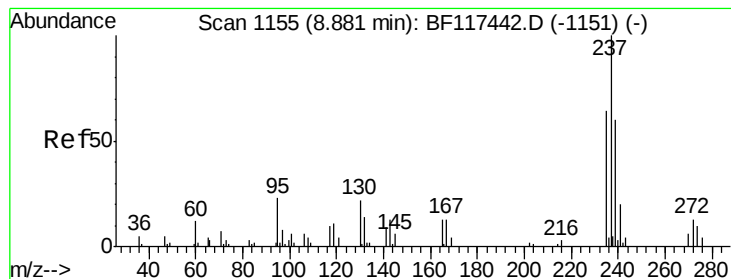
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.786 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

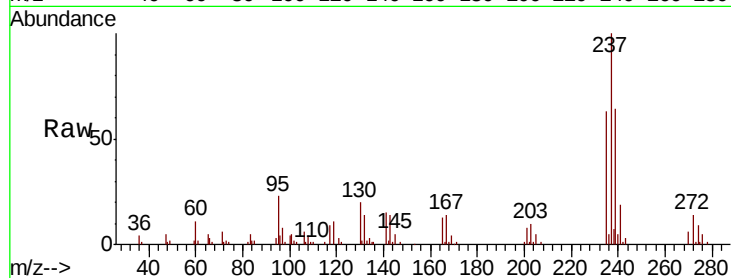
Tot Ion:237 Resp: 56970

Ion Ratio Lower Upper

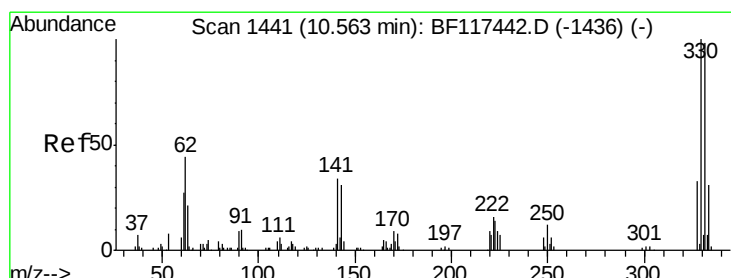
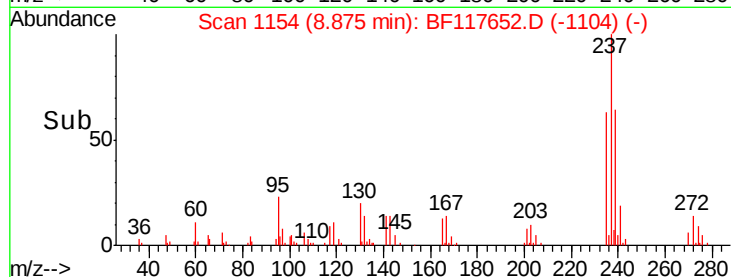
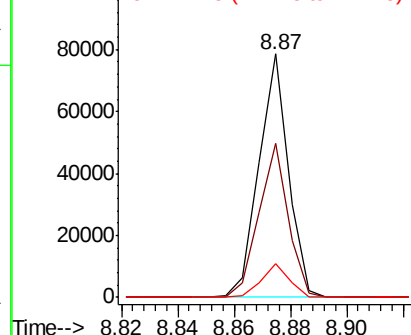
237 100

235 63.2 44.3 84.3

272 13.9 0.0 33.2



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: 73.713 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

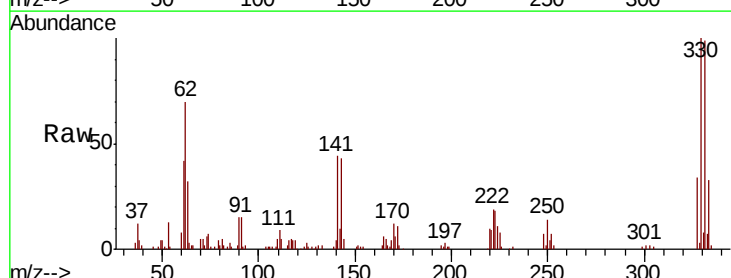
Tgt Ion:330 Resp: 71355

Ion Ratio Lower Upper

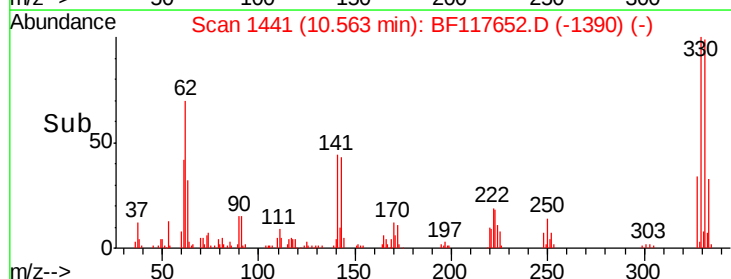
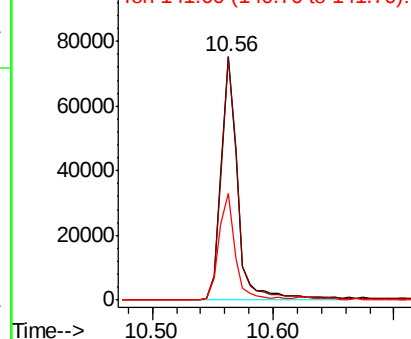
330 100

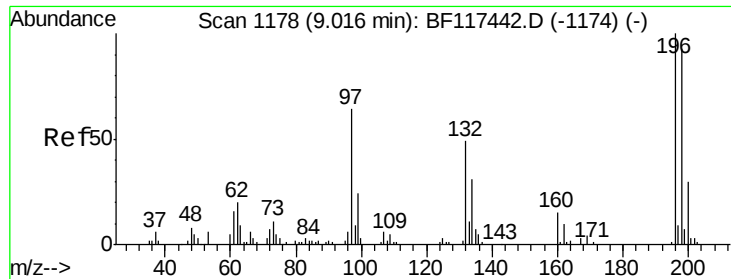
332 99.0 78.5 117.7

141 43.3 37.0 55.6



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

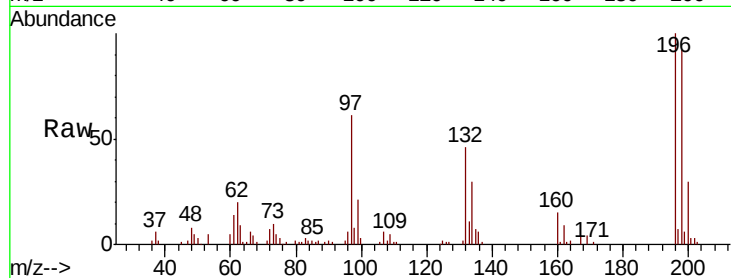




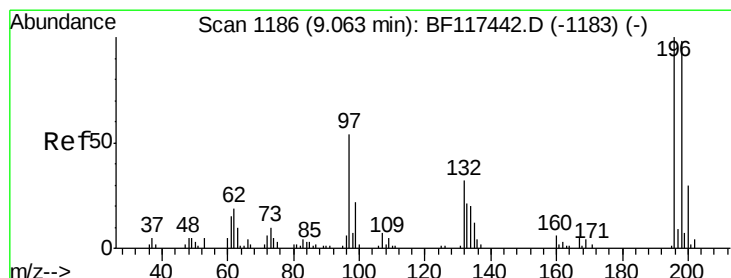
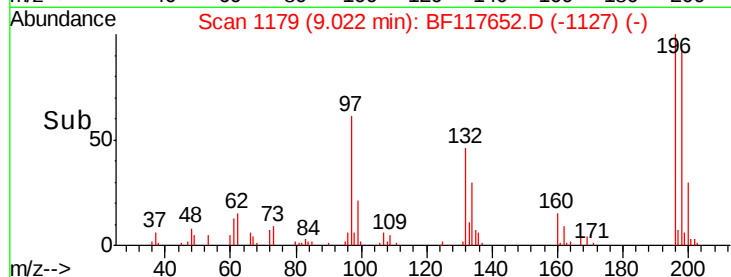
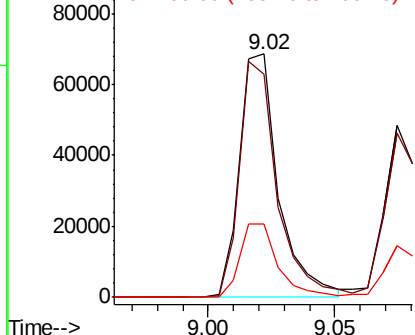
#43
 2,4,6-Trichlorophenol
 Concen: 38.864 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 73336
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.1 111.1
 200 29.9 23.9 35.9

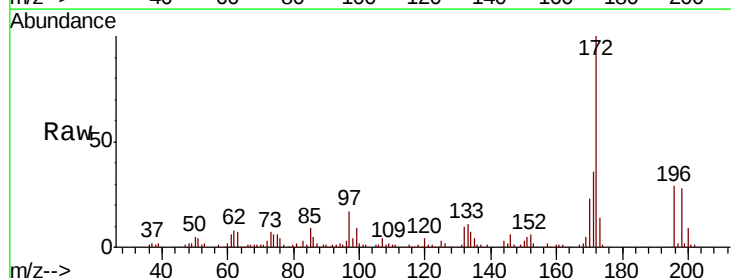


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

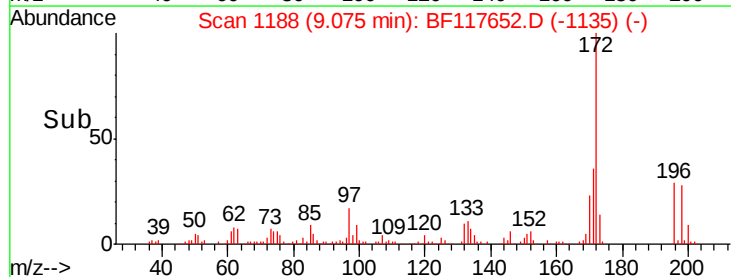
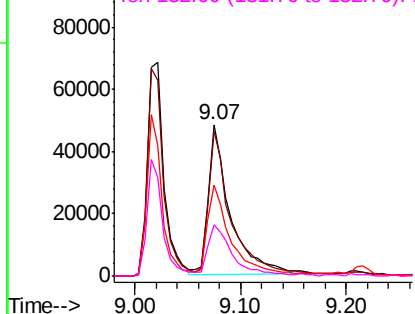


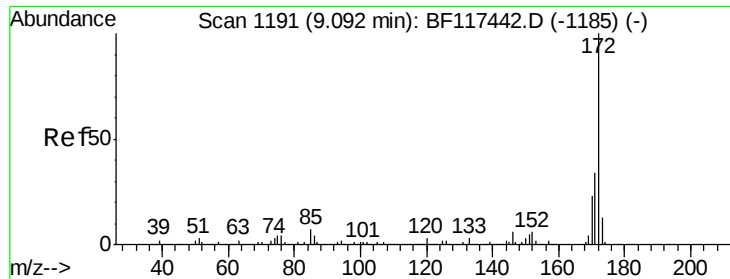
#44
 2,4,5-Trichlorophenol
 Concen: 37.278 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:196 Resp: 71280
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.6 117.8
 97 59.9 43.4 65.2
 132 33.5 26.0 39.0



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

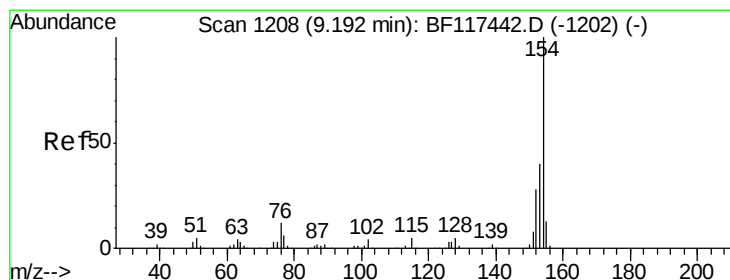
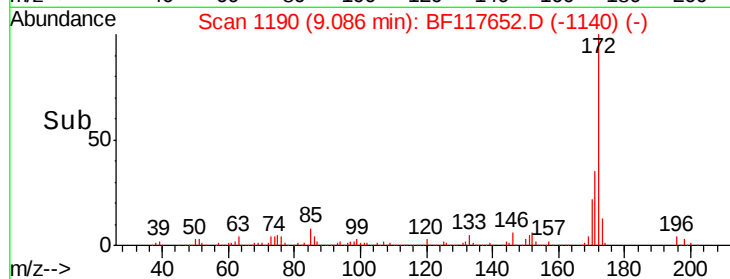
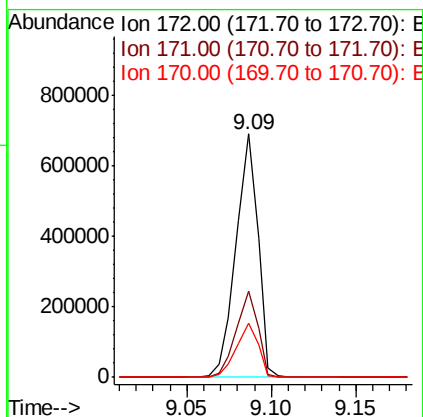
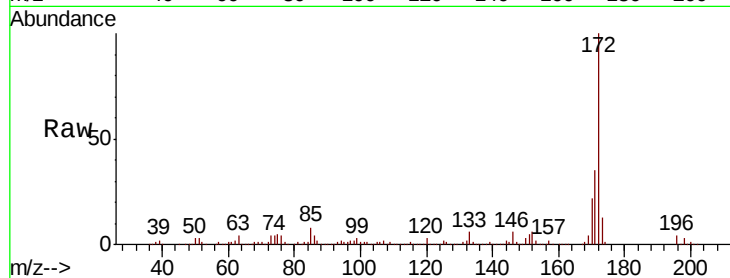




#45
2-Fluorobiphenyl
Concen: 79.216 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

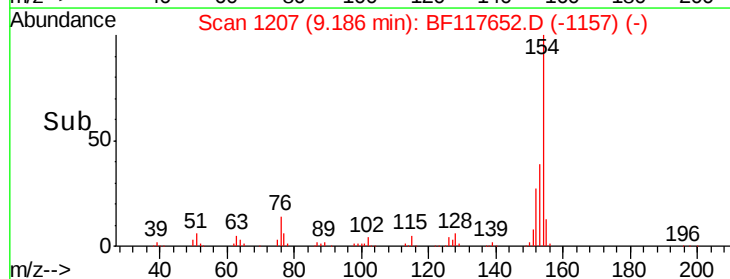
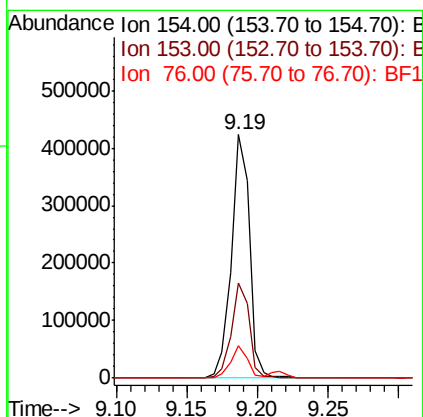
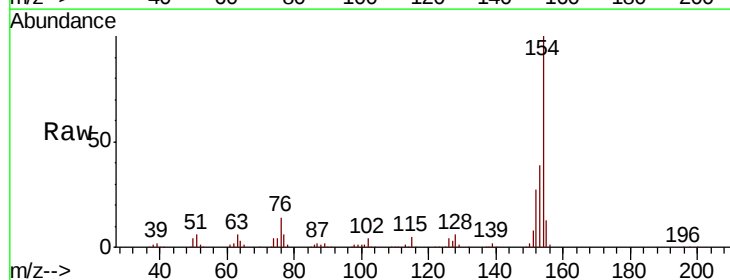
Instrument :
BNA_F
ClientSampleId :

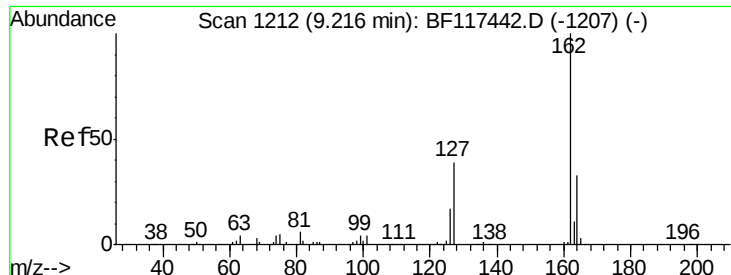
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.5	41.3
170	22.5	18.6	27.8



#46
1,1'-Biphenyl
Concen: 40.919 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.2	60.2
76	13.6	0.0	32.1

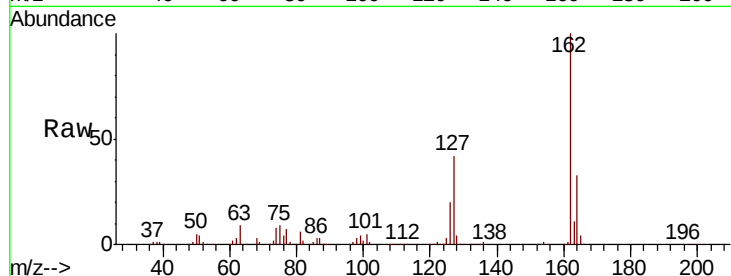




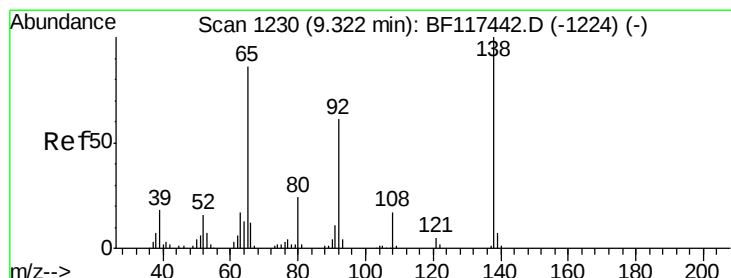
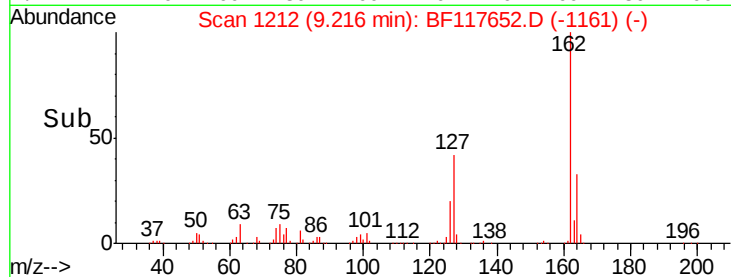
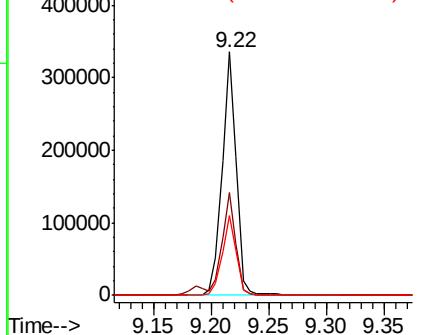
#47
 2-Chloronaphthalene
 Concen: 40.982 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	286188
Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.2	51.4
164	32.7	26.4	39.6

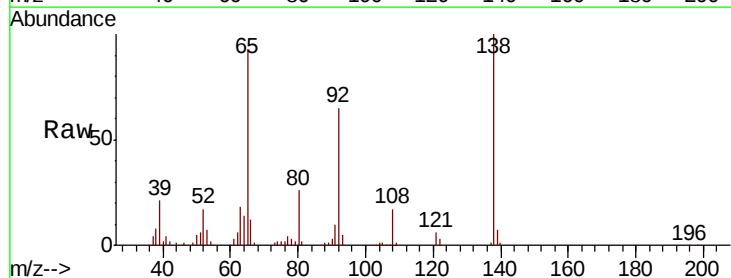


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

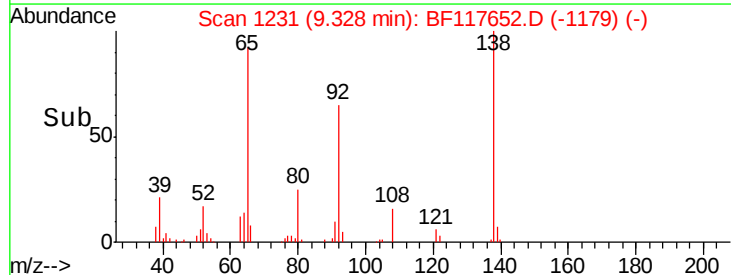
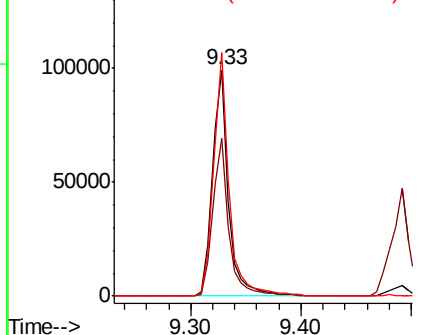


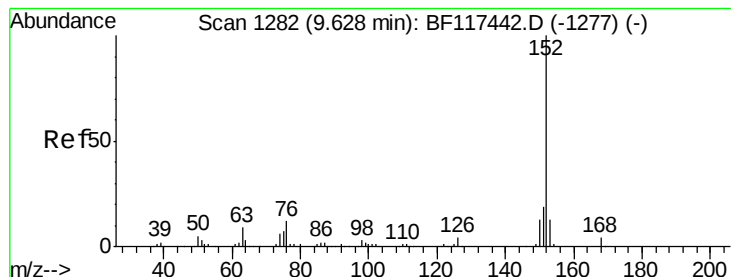
#48
 2-Nitroaniline
 Concen: 42.957 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:	65	Resp:	98477
Ion	Ratio	Lower	Upper
65	100		
92	69.7	57.3	85.9
138	107.8	93.3	139.9



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: 41.040 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

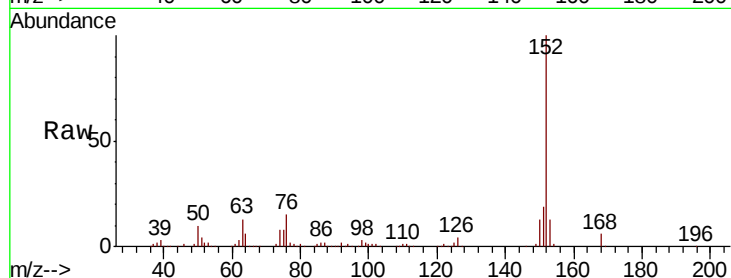
Tot Ion:152 Resp: 420961

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0

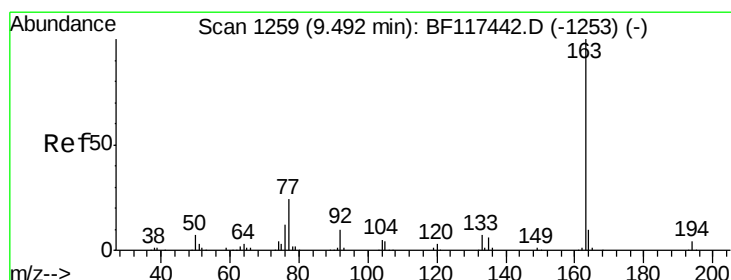
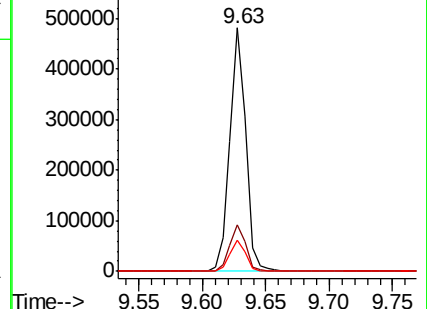
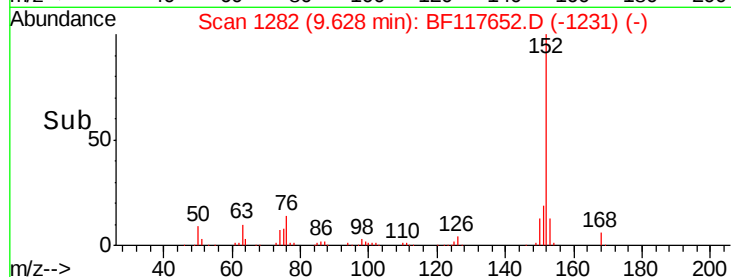
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.629 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

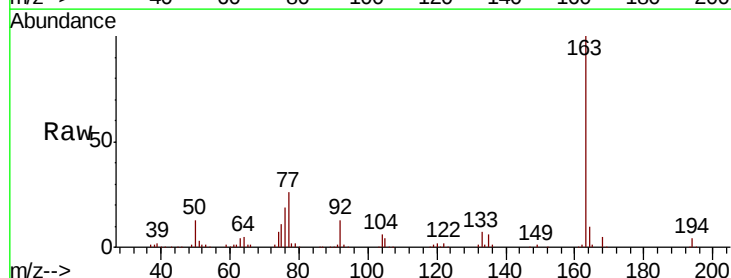
Tgt Ion:163 Resp: 316064

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

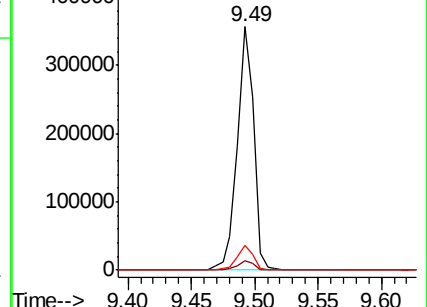
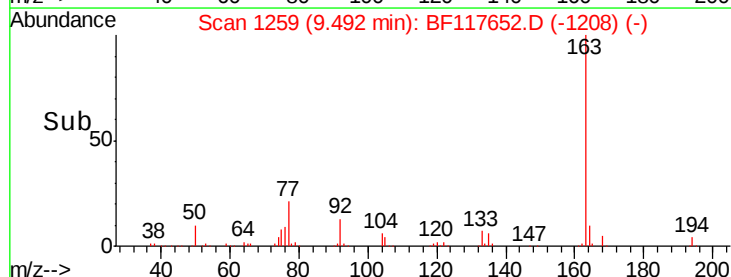
164 10.4 8.2 12.2

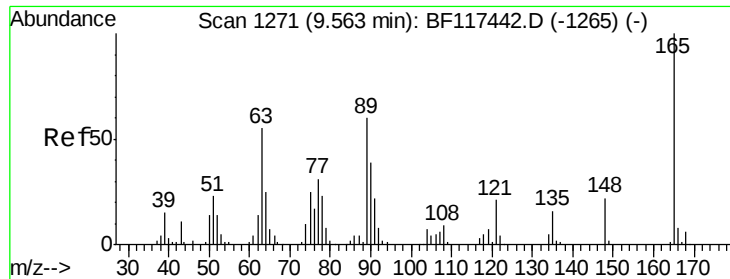


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

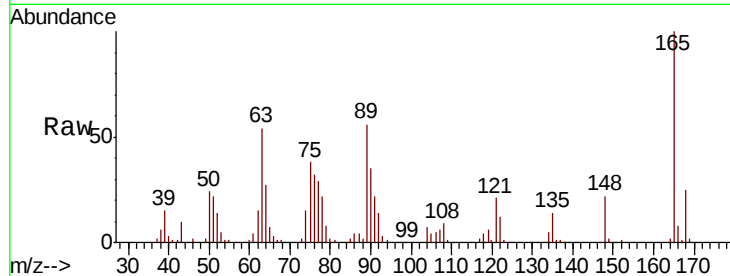




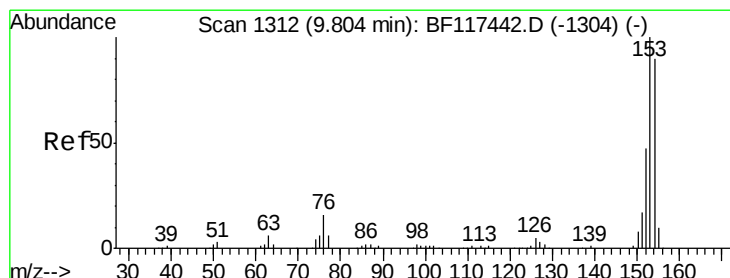
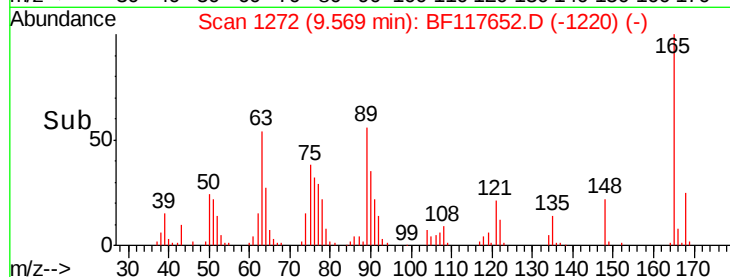
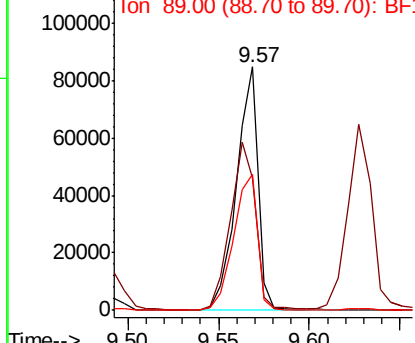
#51
 2,6-Dinitrotoluene
 Concen: 42.203 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 70239
 Ion Ratio Lower Upper
 165 100
 63 54.3 43.8 65.8
 89 55.7 47.6 71.4

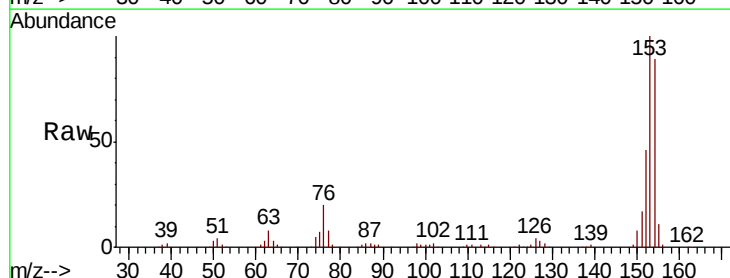


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

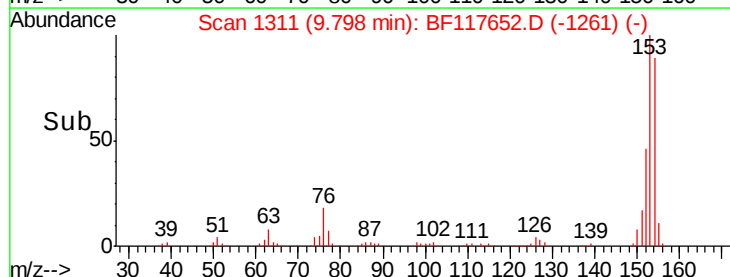
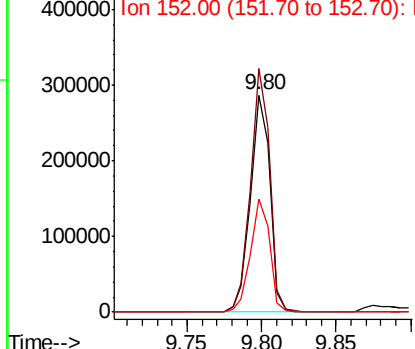


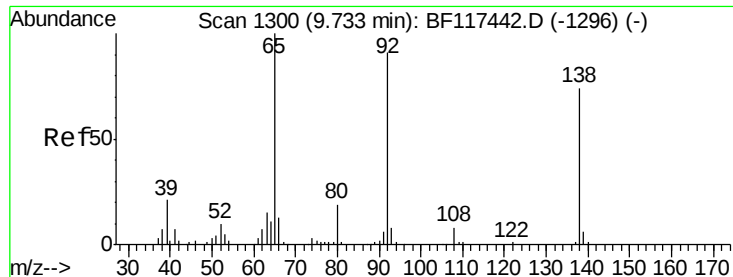
#52
 Acenaphthene
 Concen: 40.942 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:154 Resp: 257650
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.2 133.8
 152 51.9 41.8 62.6



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

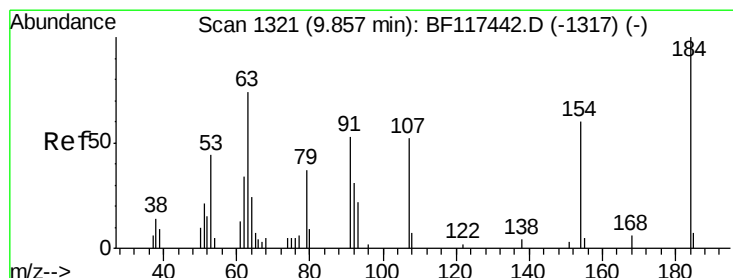
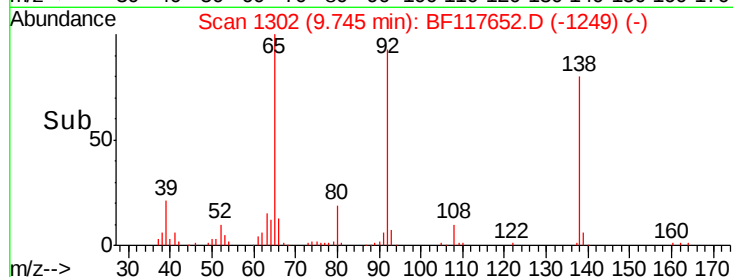
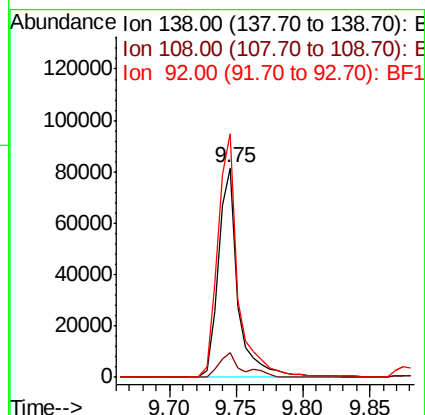
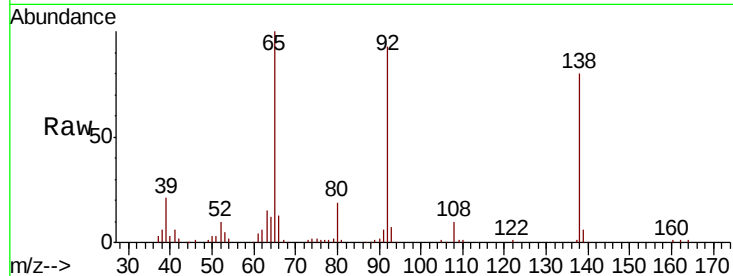




#53
3-Nitroaniline
Concen: 42.124 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

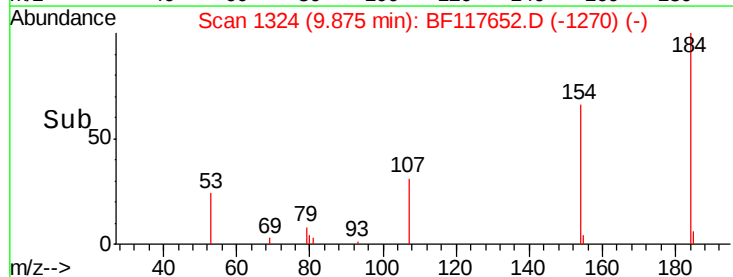
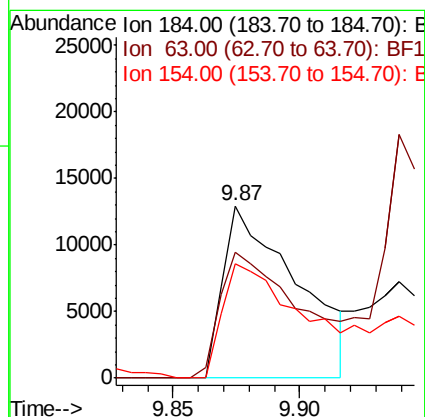
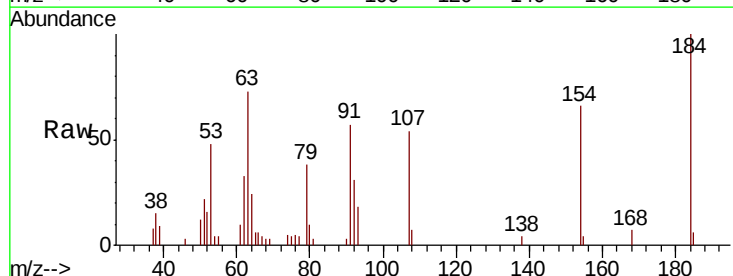
Instrument :
BNA_F
ClientSampleId :

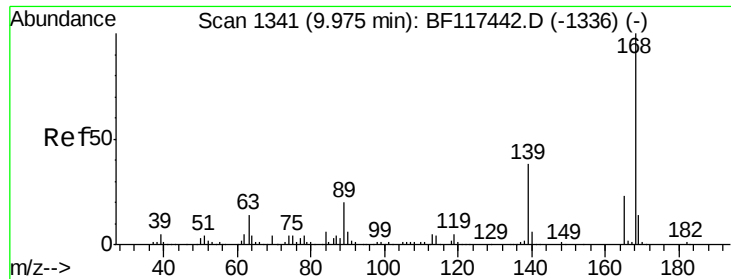
Tot Ion:138 Resp: 85063
Ion Ratio Lower Upper
138 100
108 12.1 8.7 13.1
92 116.3 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 40.210 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:184 Resp: 26051
Ion Ratio Lower Upper
184 100
63 73.3 59.2 88.8
154 66.3 53.4 80.0

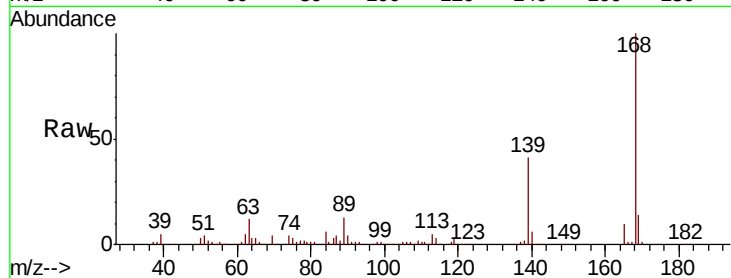




#55
Dibenzofuran
Concen: 40.757 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.8	47.6
169	13.6	11.2	16.8

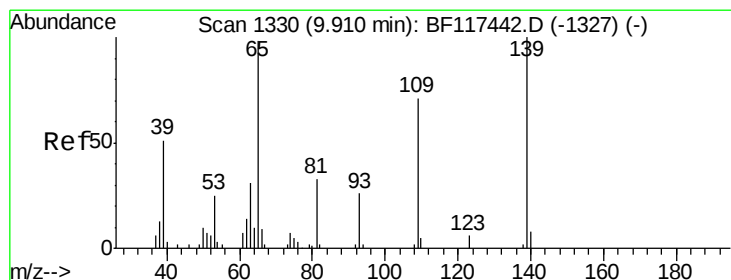
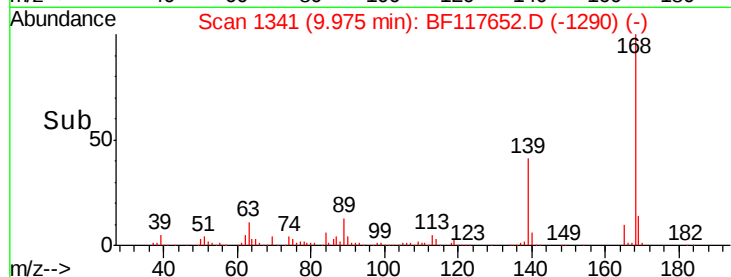
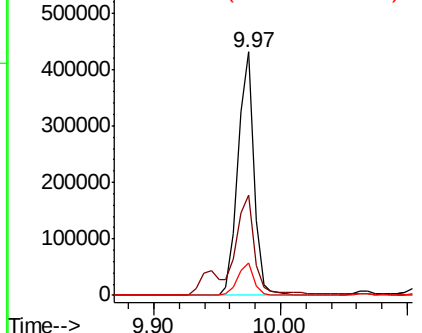


Abundance

Ion 168.00 (167.70 to 168.70): E

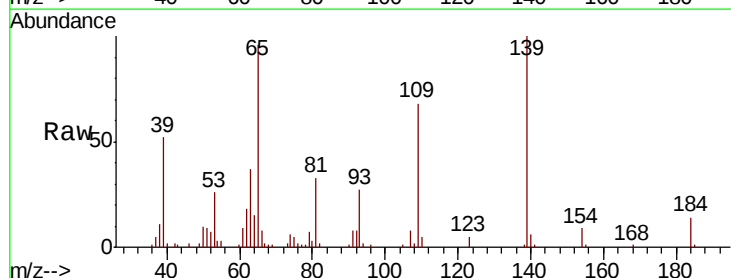
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.939 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	51.4	91.4
65	96.2	79.4	119.4

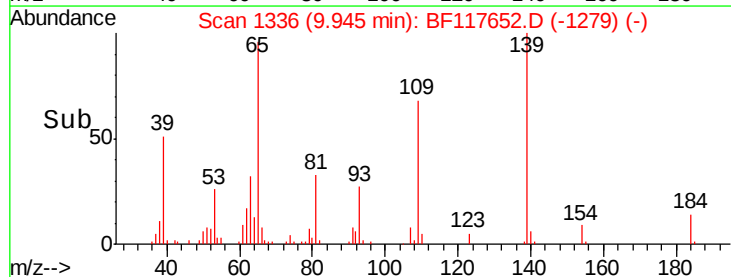
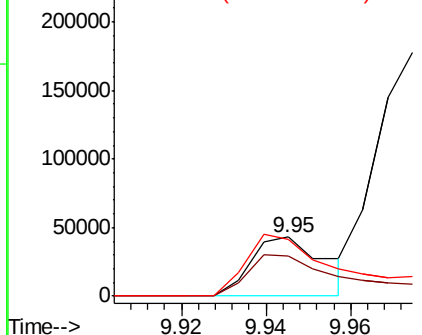


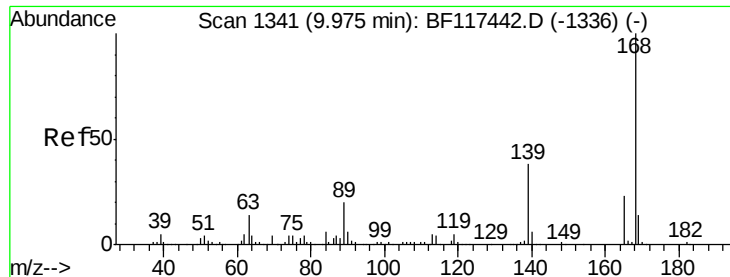
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

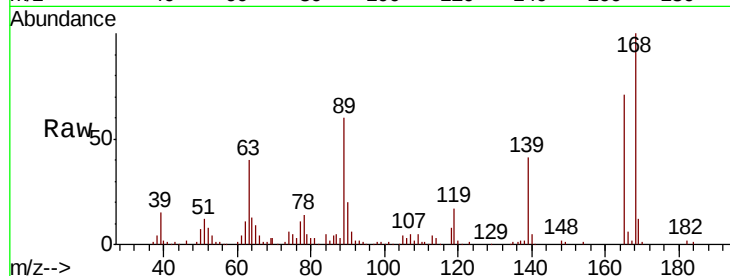




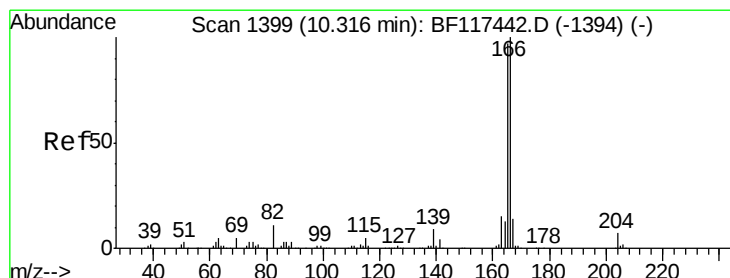
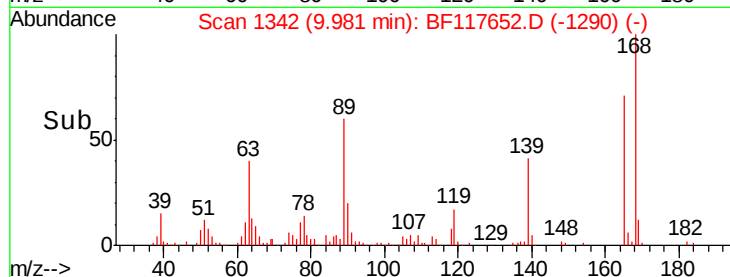
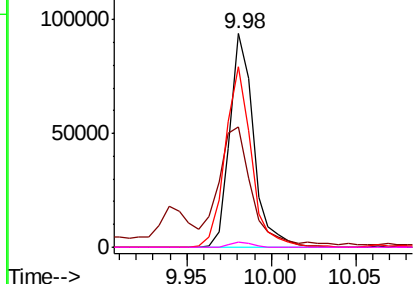
#57
2,4-Dinitrotoluene
Concen: 41.628 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 92112
Ion Ratio Lower Upper
165 100
63 56.6 51.4 77.0
89 84.7 69.9 104.9
182 2.6 1.9 2.9

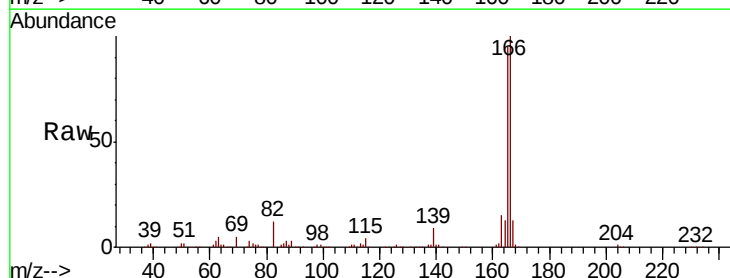


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

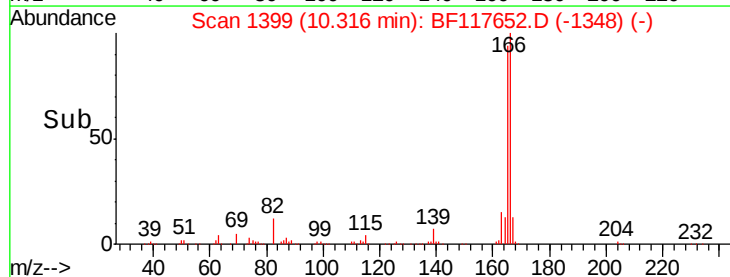
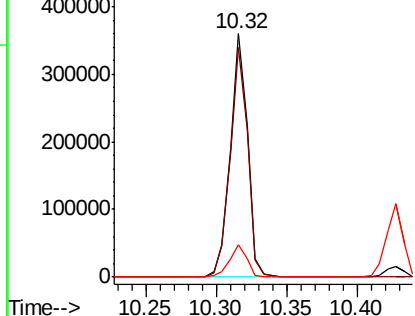


#58
Fluorene
Concen: 40.637 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:166 Resp: 306391
Ion Ratio Lower Upper
166 100
165 94.5 77.6 116.4
167 13.2 11.0 16.4



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 32.651 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 49070

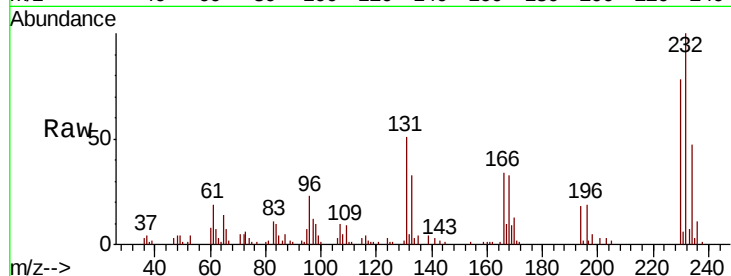
Ion Ratio Lower Upper

232 100

131 64.3 42.6 63.8#

130 2.9 2.2 3.4

166 32.3 27.5 41.3

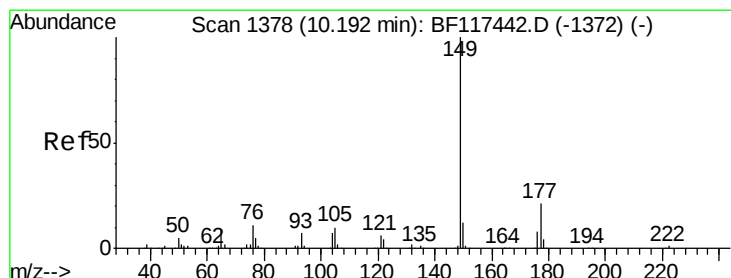
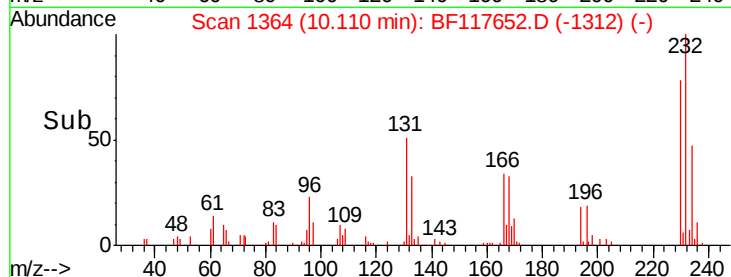
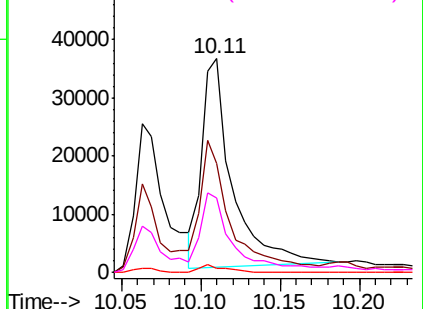


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.259 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

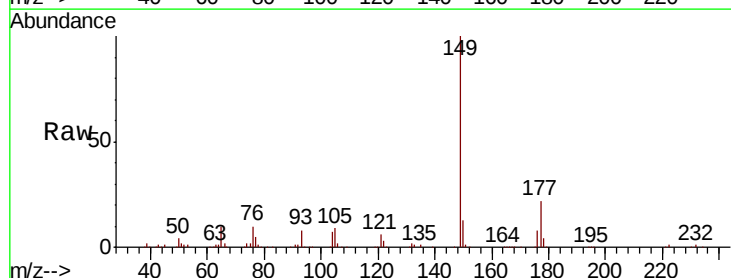
Tgt Ion:149 Resp: 316698

Ion Ratio Lower Upper

149 100

177 21.9 17.0 25.4

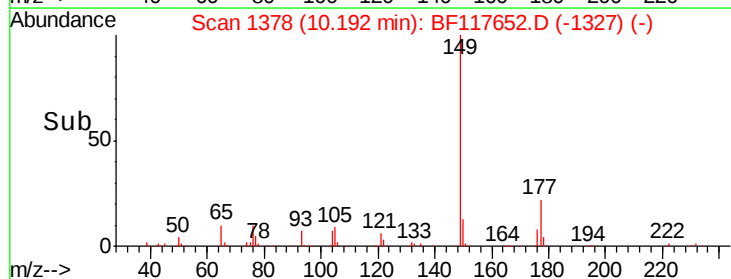
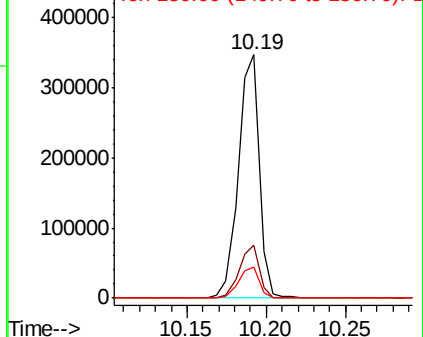
150 12.8 9.8 14.6

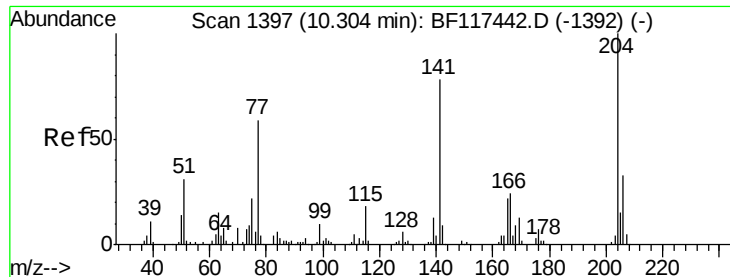


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

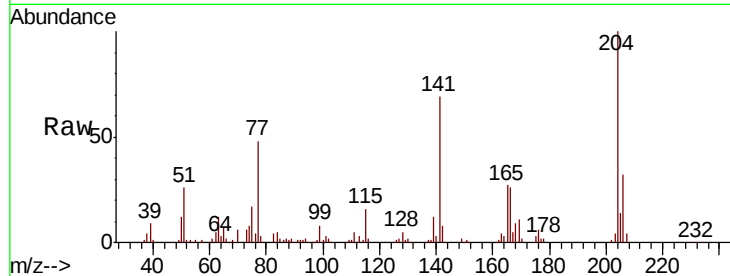




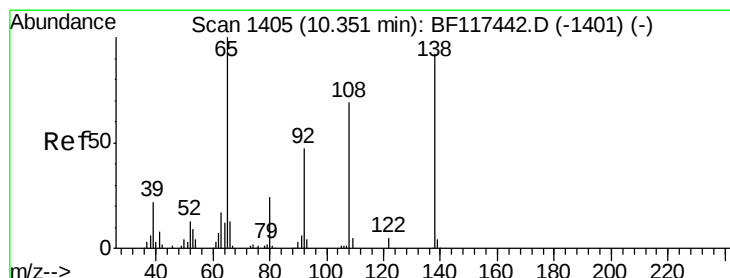
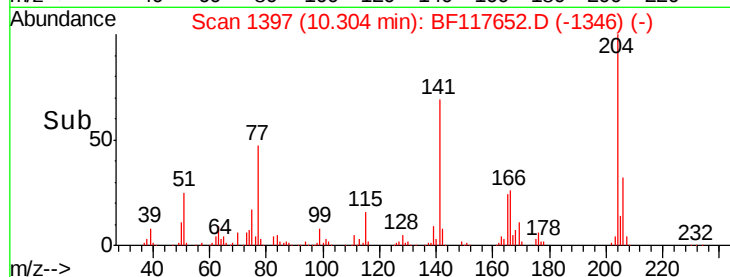
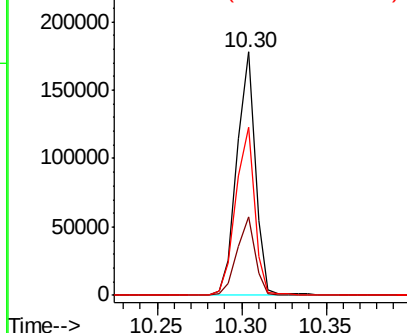
#61
4-Chlorophenyl-phenylether
Concen: 40.034 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 135425
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 68.8 62.2 93.4

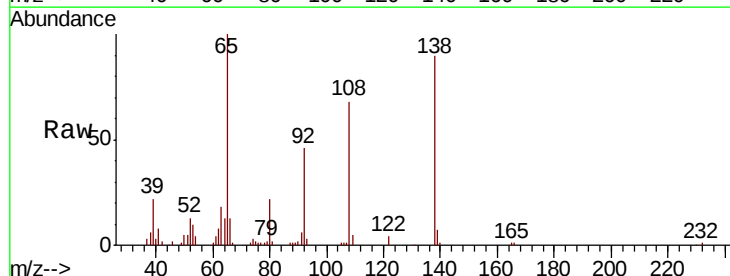


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

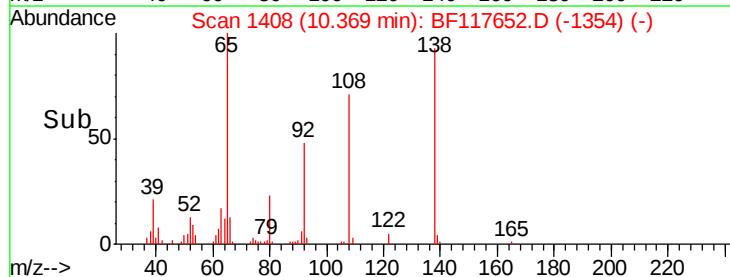
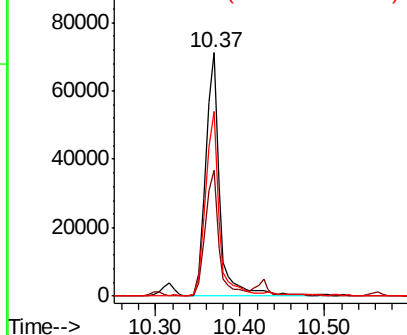


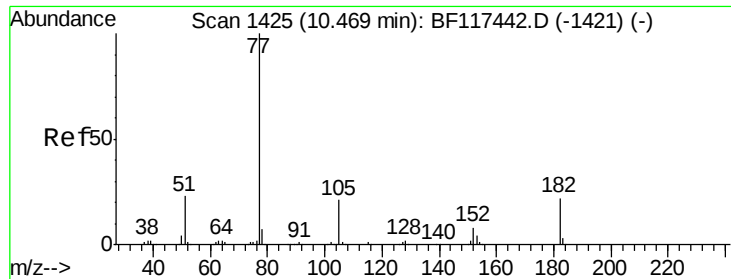
#62
4-Nitroaniline
Concen: 43.436 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:138 Resp: 82674
Ion Ratio Lower Upper
138 100
92 51.5 30.3 70.3
108 76.0 54.9 94.9



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

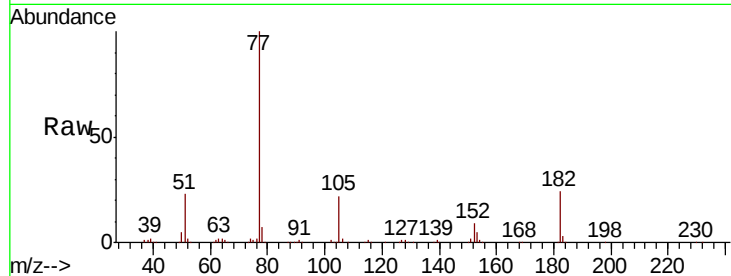




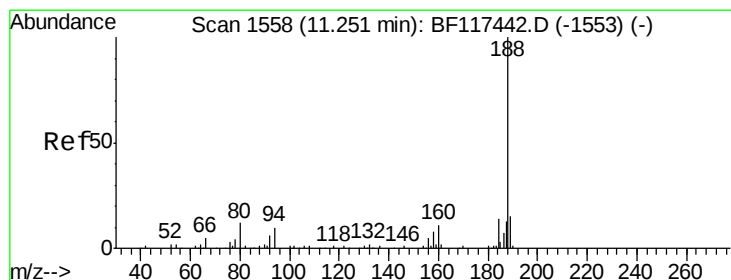
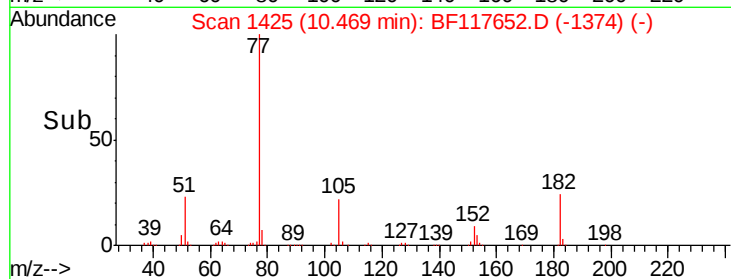
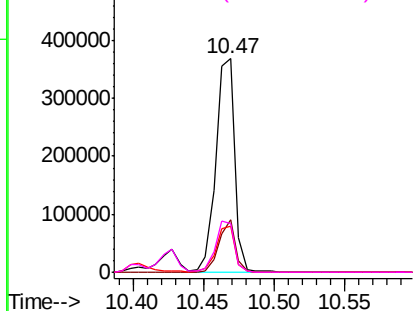
#63
Azobenzene
Concen: 41.239 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	340553
Ion	Ratio	Lower	Upper
77	100		
182	24.3	2.3	42.3
105	21.9	1.3	41.3
51	22.6	3.5	43.5

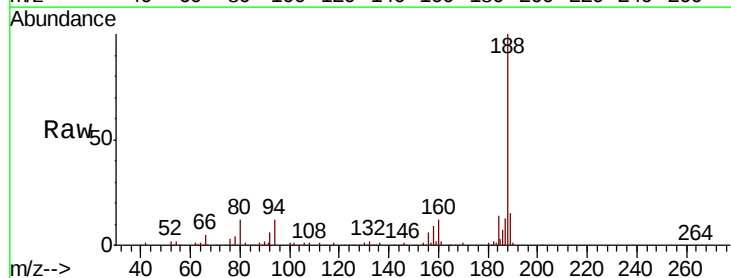


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

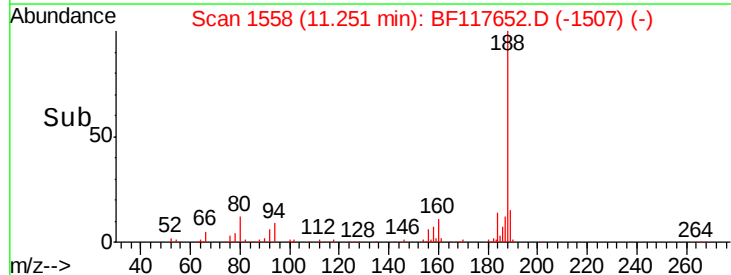
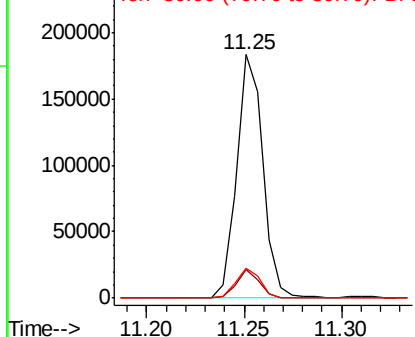


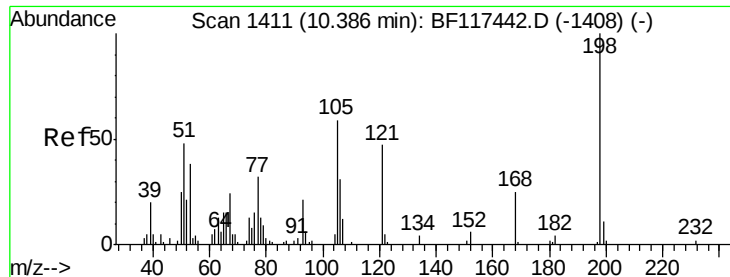
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:	188	Resp:	170730
Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.0	12.0
80	12.4	9.5	14.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.389 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.02 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

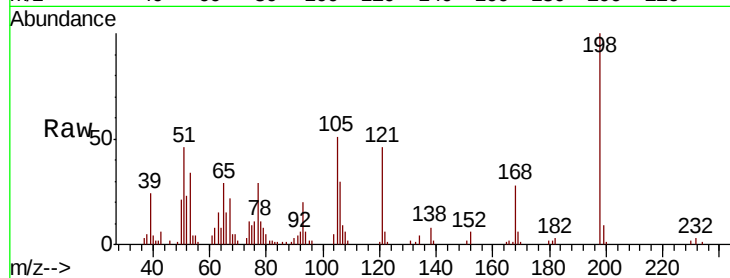
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 34191

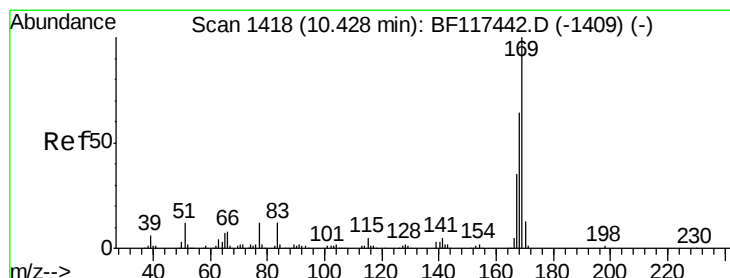
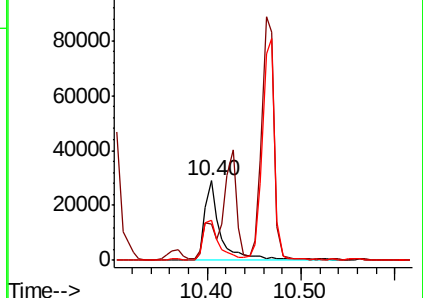
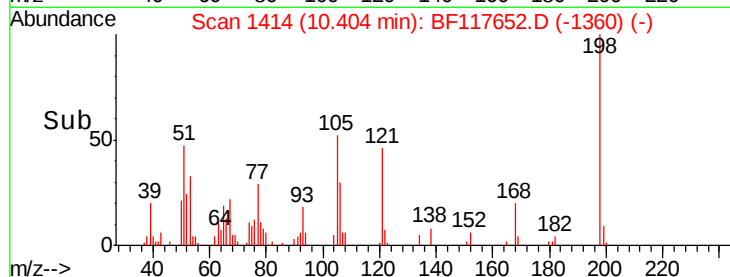
Ion	Ratio	Lower	Upper
198	100		
51	46.1	29.1	69.1
105	50.9	39.4	79.4



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: 41.237 ng

RT: 10.43 min Scan# 1418

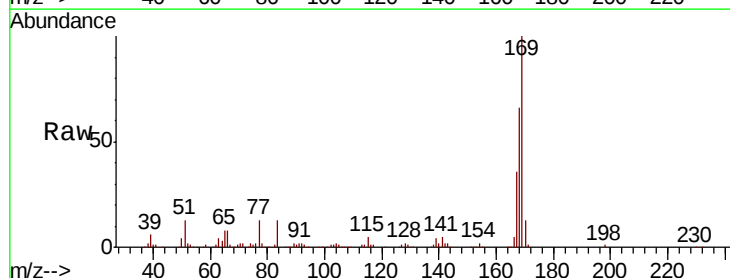
Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Tgt Ion:169 Resp: 257382

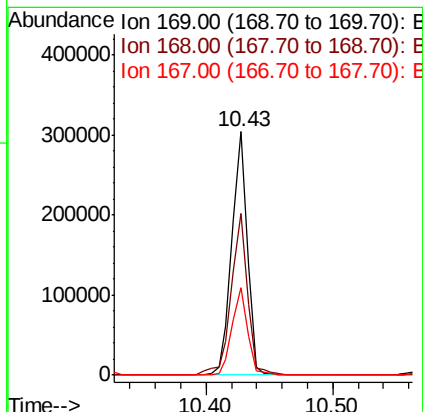
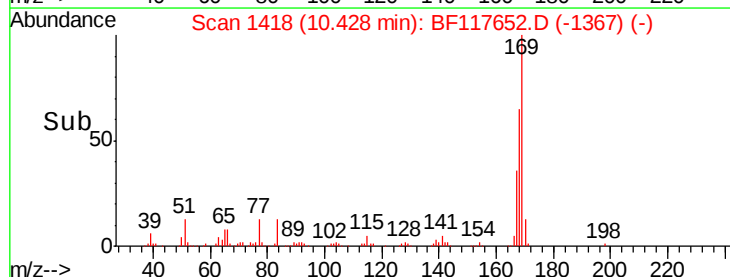
Ion	Ratio	Lower	Upper
169	100		
168	66.3	51.3	76.9
167	35.9	28.2	42.4

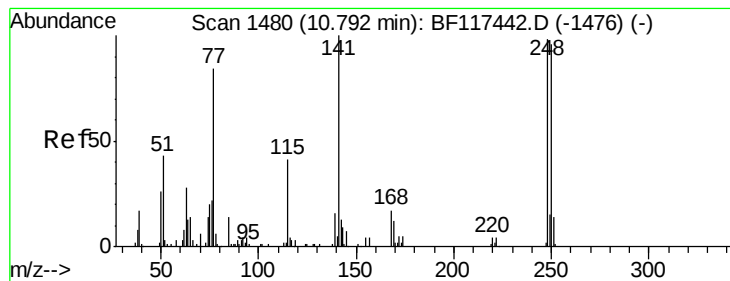


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.709 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

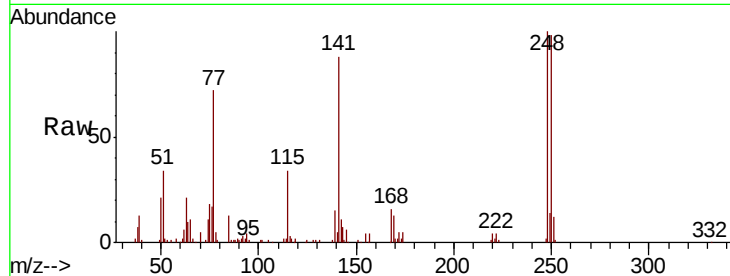
Instrument :

BNA_F

ClientSampleId :

Tot Ion:248 Resp: 74863

Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.0	117.0
141	88.2	81.7	122.5

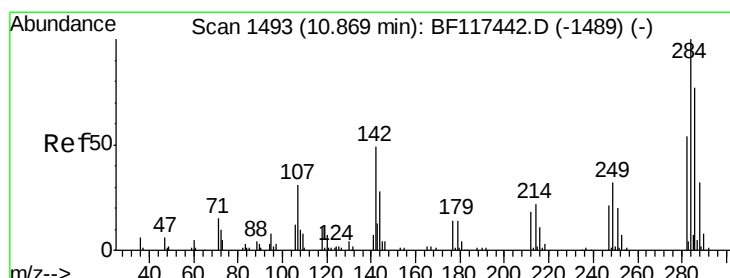
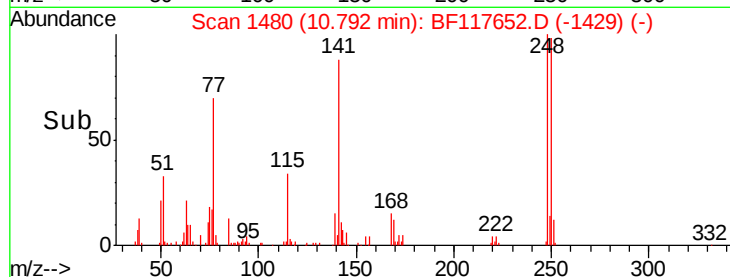
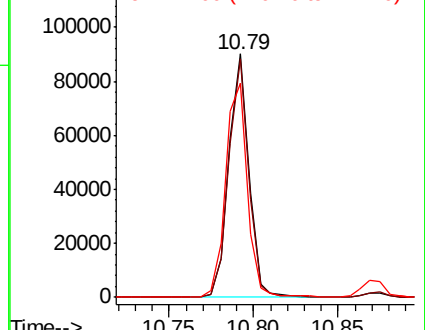


Abundance

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: 40.795 ng

RT: 10.87 min Scan# 1494

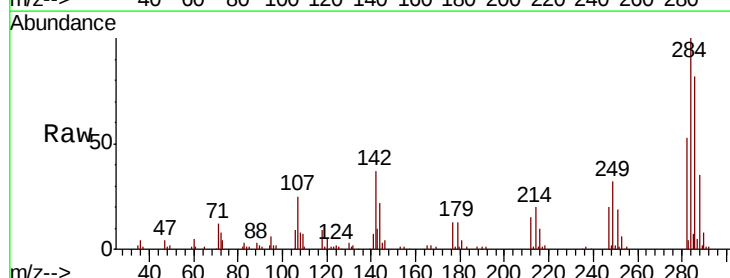
Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Tgt Ion:284 Resp: 80344

Ion	Ratio	Lower	Upper
284	100		
142	37.1	39.0	58.6#
249	31.6	25.7	38.5

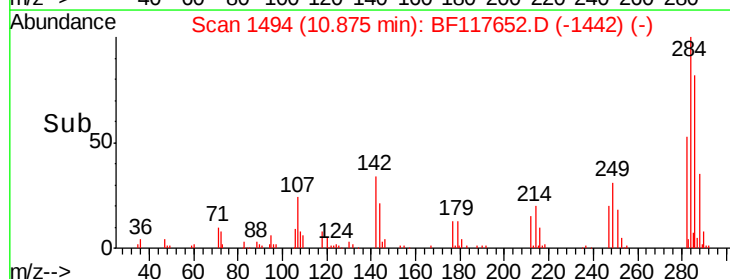
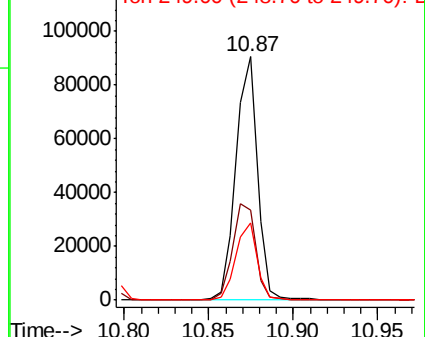


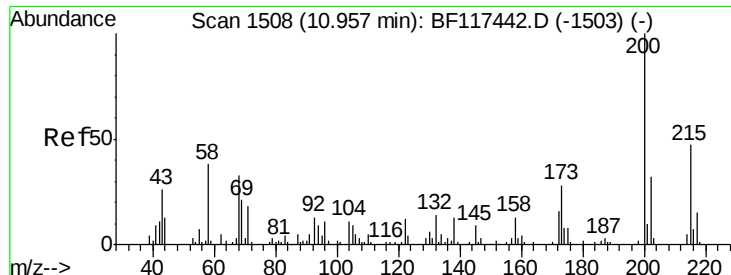
Abundance

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

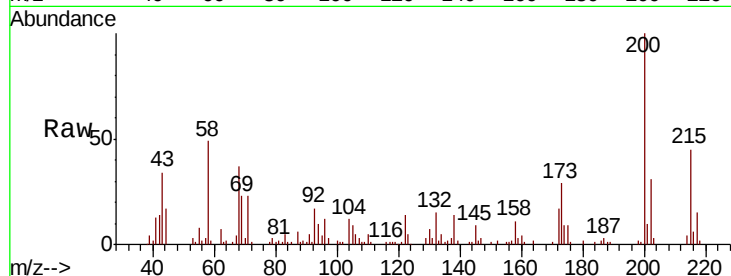




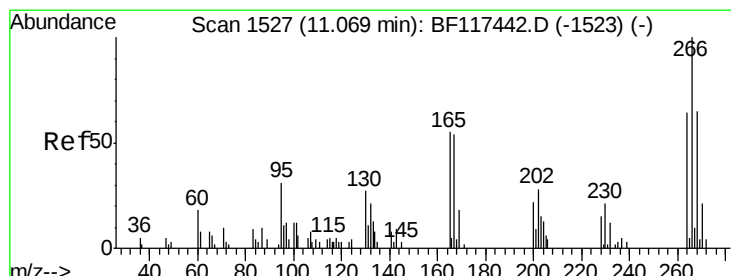
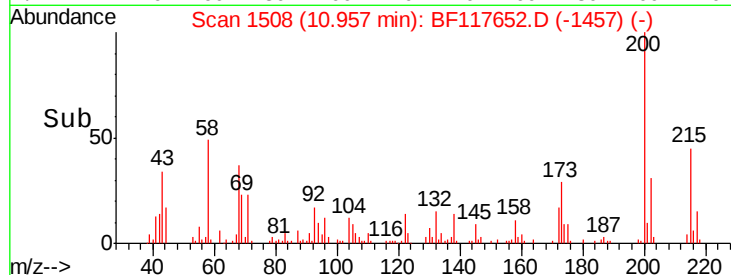
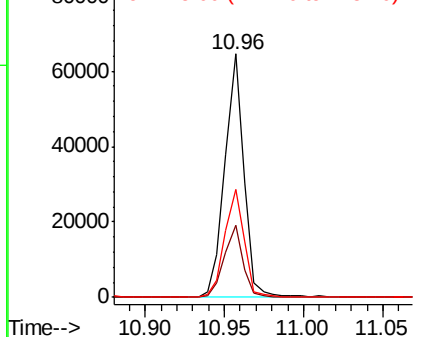
#69
 Atrazine
 Concen: 34.121 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 54184
 Ion Ratio Lower Upper
 200 100
 173 29.4 8.2 48.2
 215 44.5 26.8 66.8

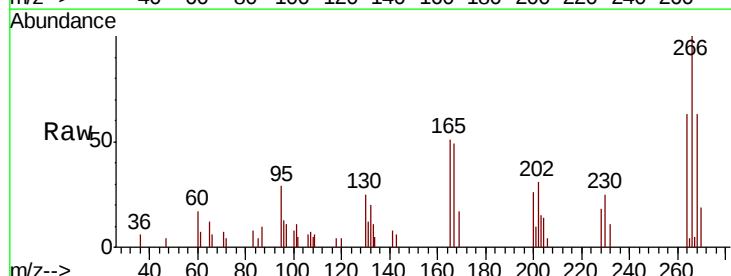


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

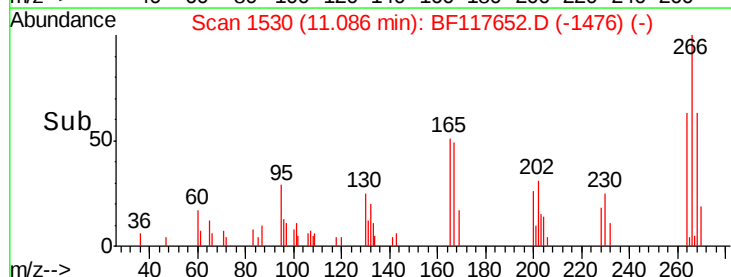
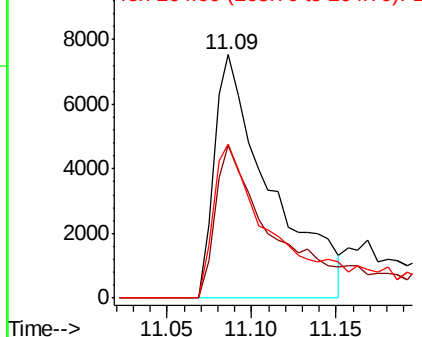


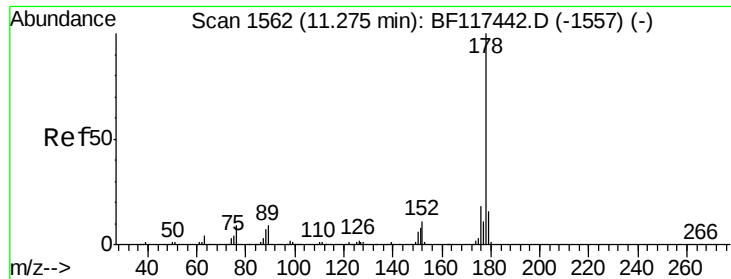
#70
 Pentachlorophenol
 Concen: 29.456 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.02 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:266 Resp: 17391
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.6 77.4
 264 63.1 51.4 77.2



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





#71

Phenanthrene

Concen: 41.968 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampleId :

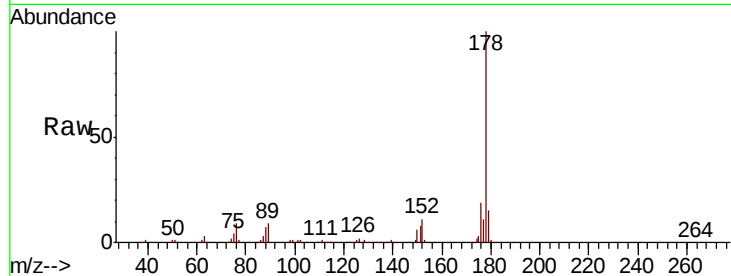
Tot Ion:178 Resp: 416057

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

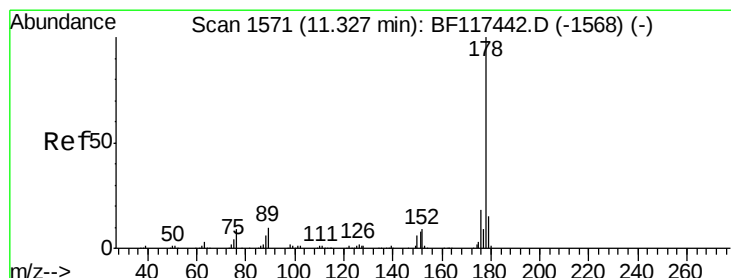
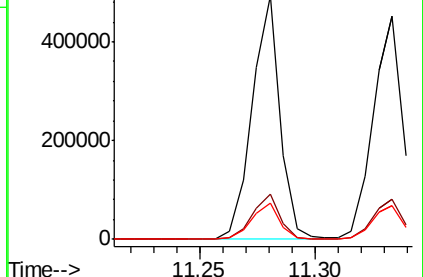
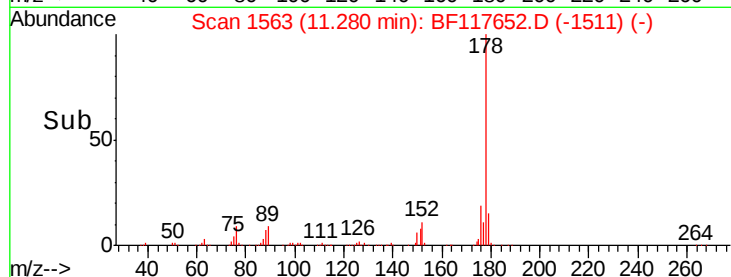
179 14.7 12.6 19.0



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: 41.304 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

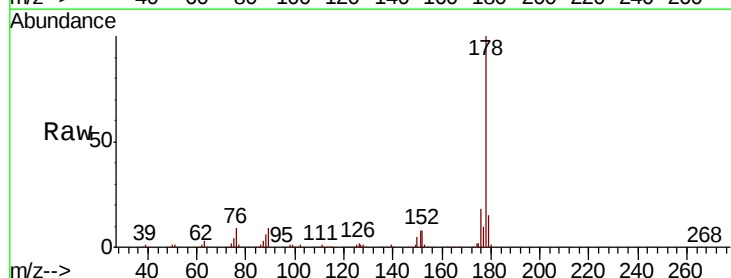
Tgt Ion:178 Resp: 420145

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

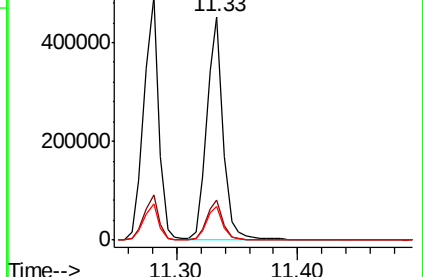
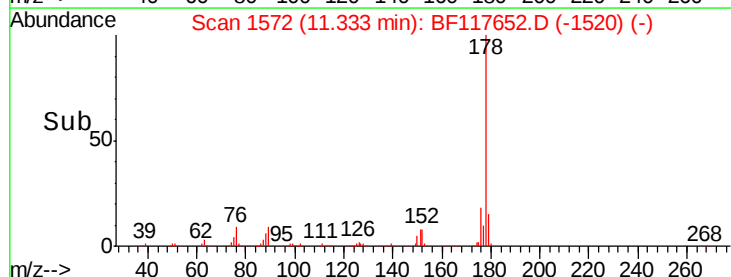
179 15.2 12.2 18.2

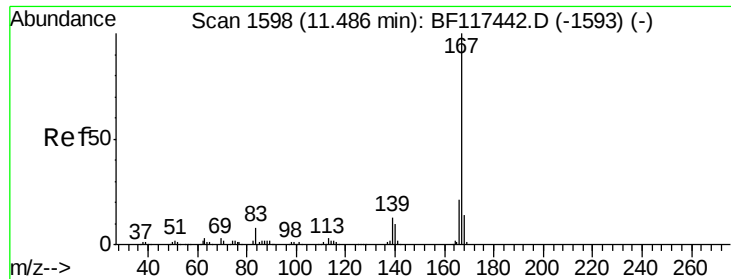


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

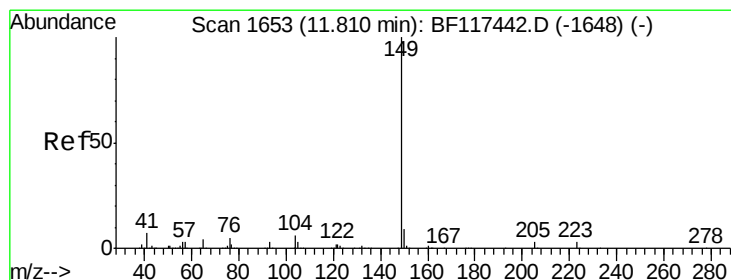
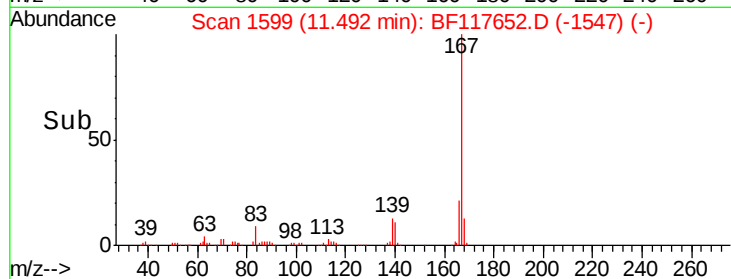
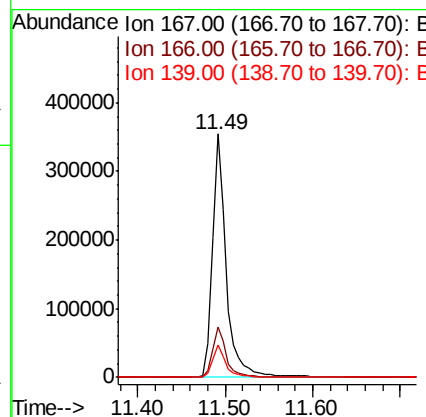
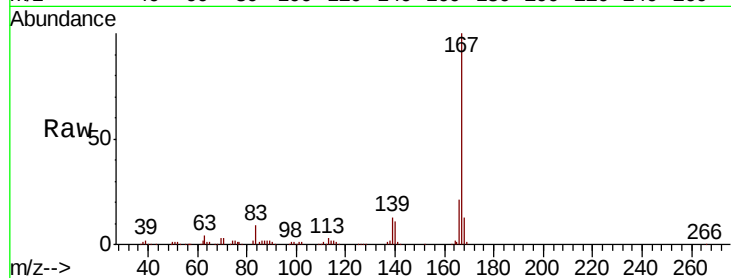




#73
 Carbazole
 Concen: 41.822 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

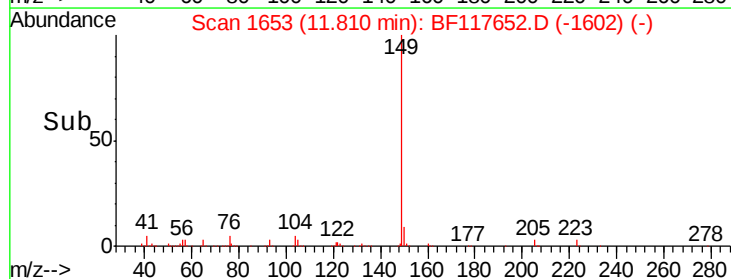
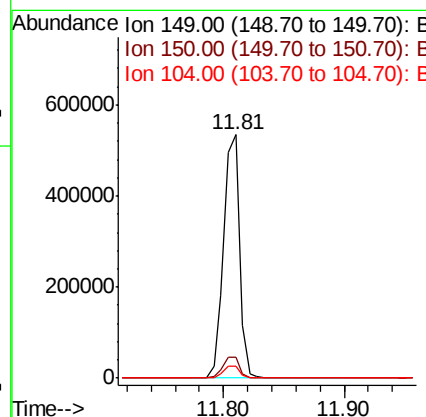
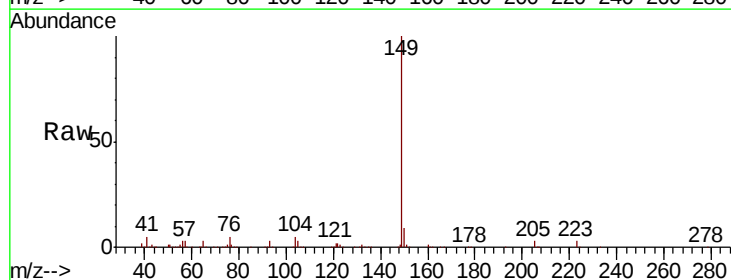
Instrument :
 BNA_F
 ClientSampleId :

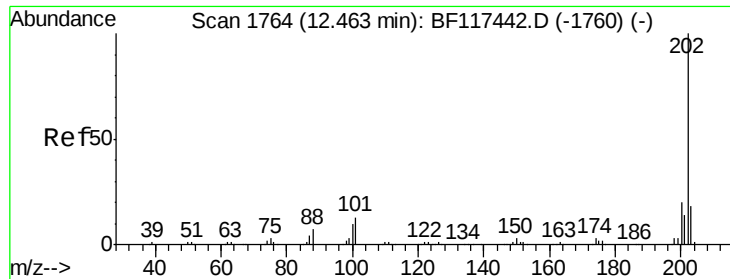
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 39.288 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	5.0	4.6	6.8

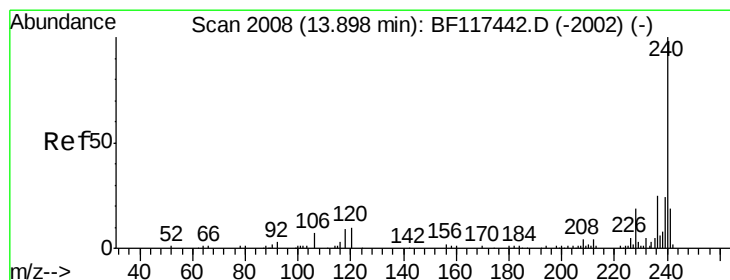
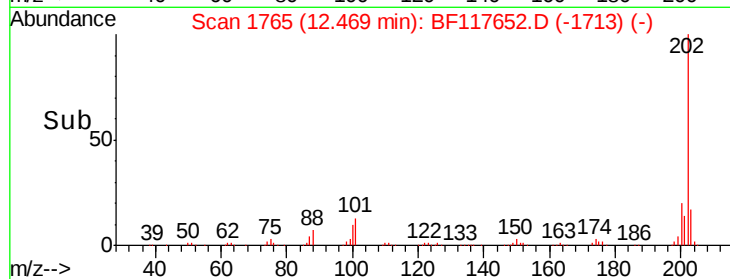
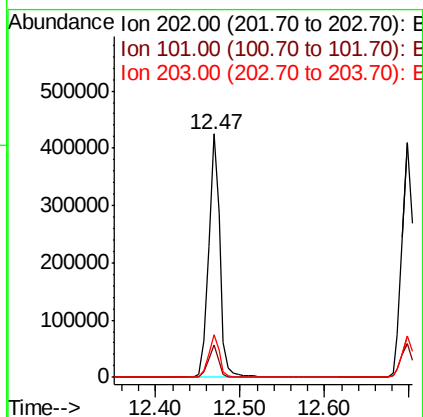
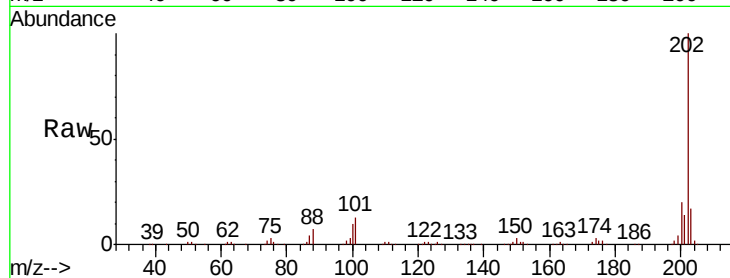




#75
 Fluoranthene
 Concen: 39.739 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

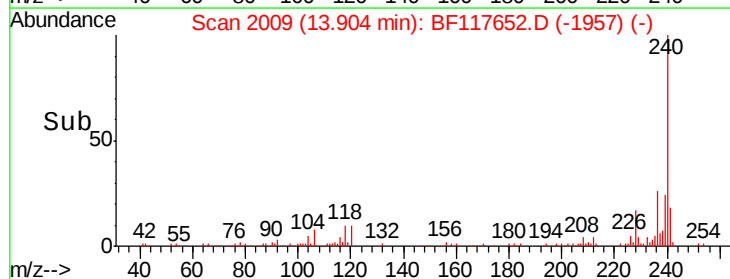
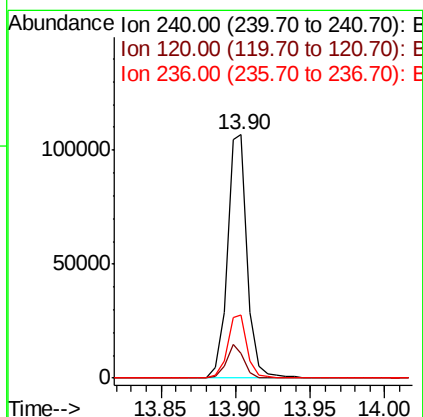
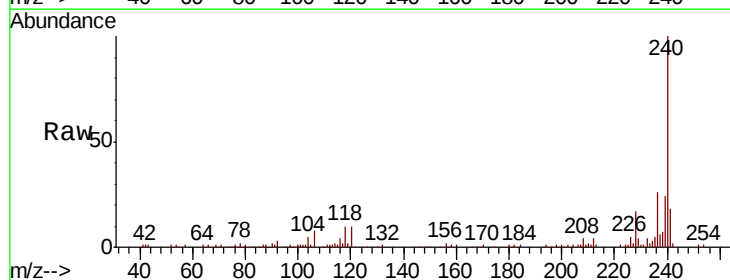
Instrument :
 BNA_F
 ClientSampleId :

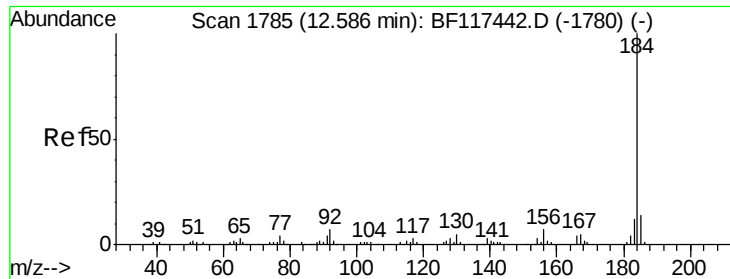
Tot Ion:202 Resp: 394379
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 32.7
 203 17.3 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:240 Resp: 100416
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.4 12.6
 236 25.9 20.0 30.0

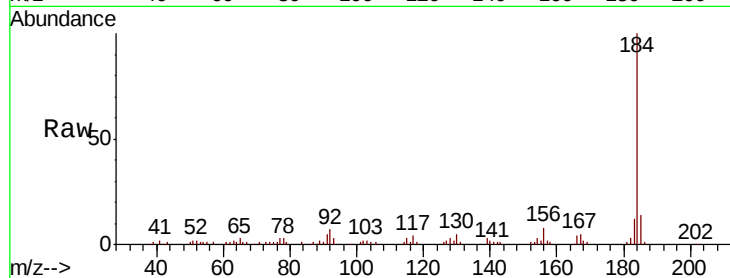




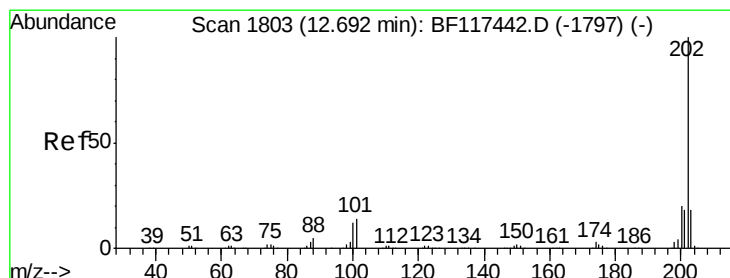
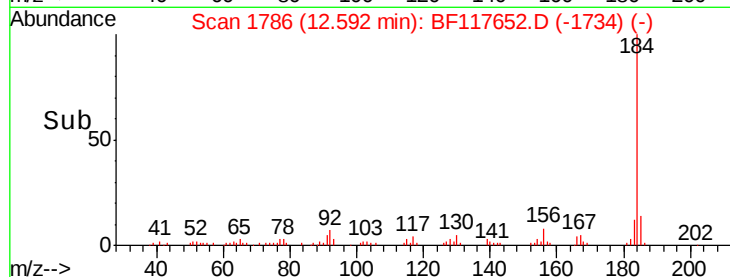
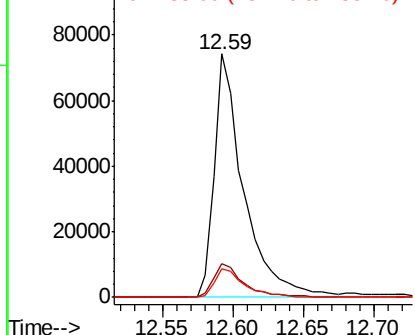
#77
Benzidine
Concen: 36.693 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 108004
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.8 9.6 14.4

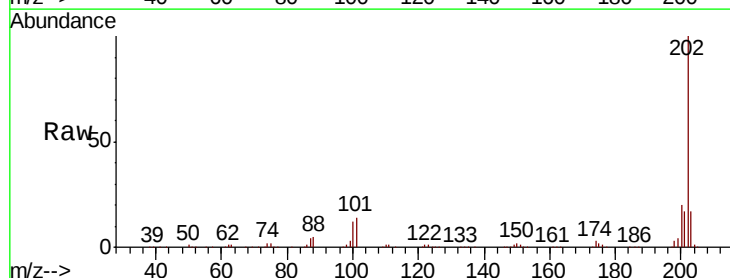


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

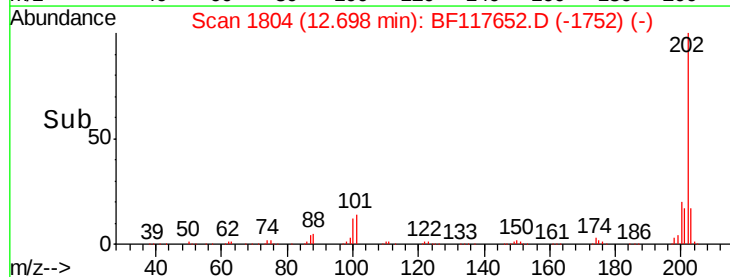
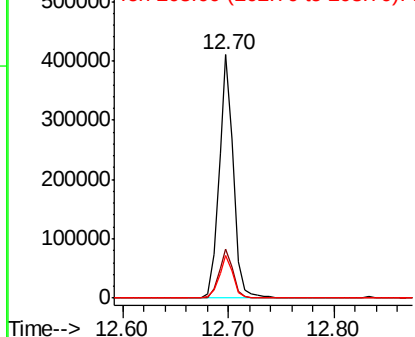


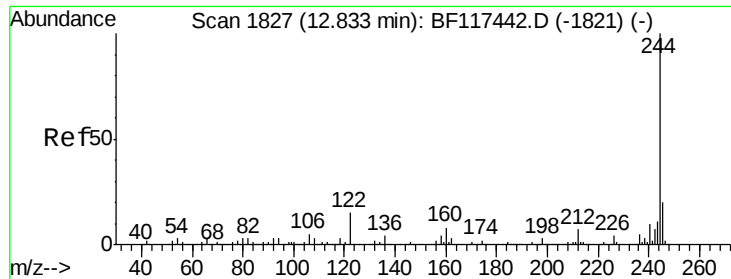
#78
Pyrene
Concen: 45.263 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:202 Resp: 390402
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.4 14.0 21.0



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

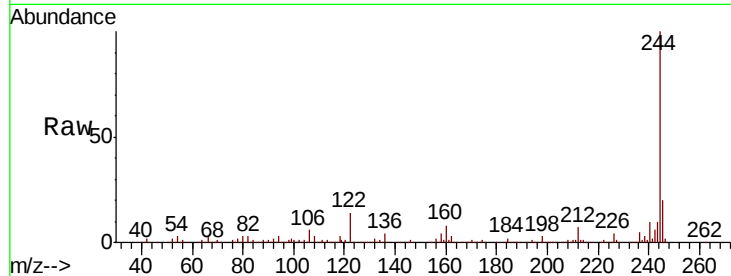




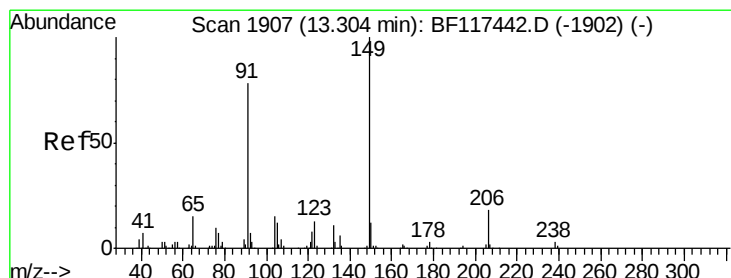
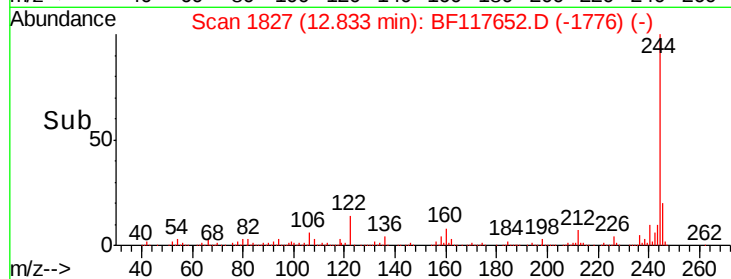
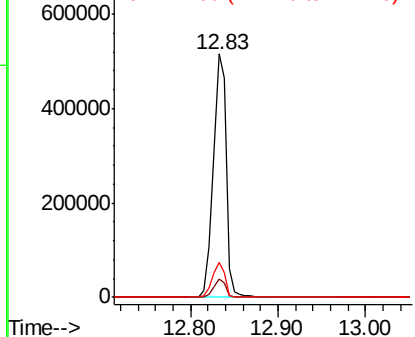
#79
 Terphenyl-d14
 Concen: 86.660 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 533501
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 14.4 11.8 17.8

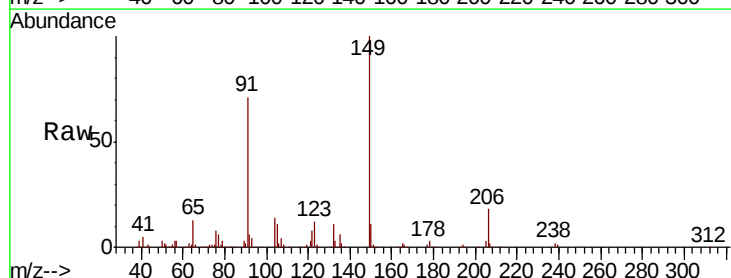


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

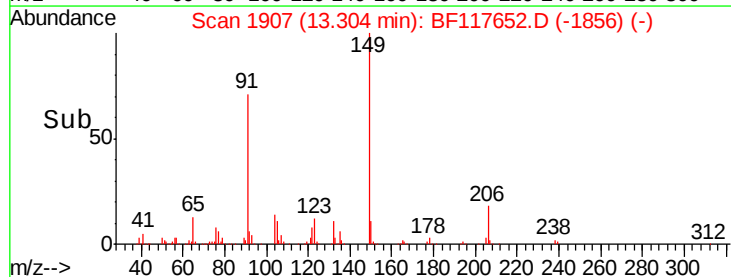
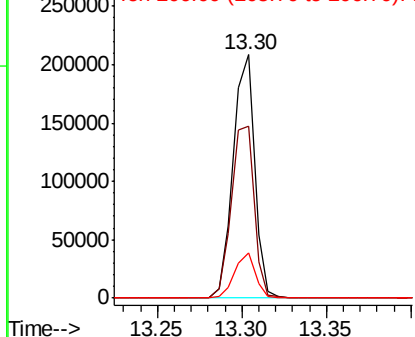


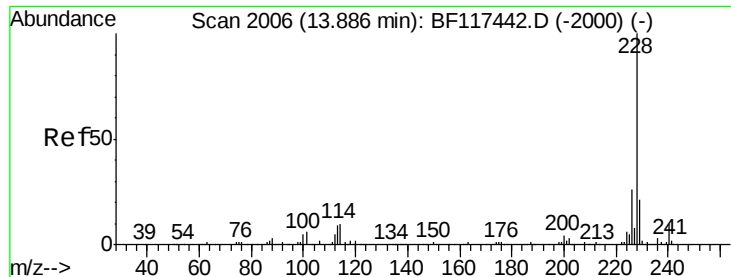
#80
 Butylbenzylphthalate
 Concen: 42.865 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:149 Resp: 183982
 Ion Ratio Lower Upper
 149 100
 91 70.6 62.1 93.1
 206 18.5 14.3 21.5



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

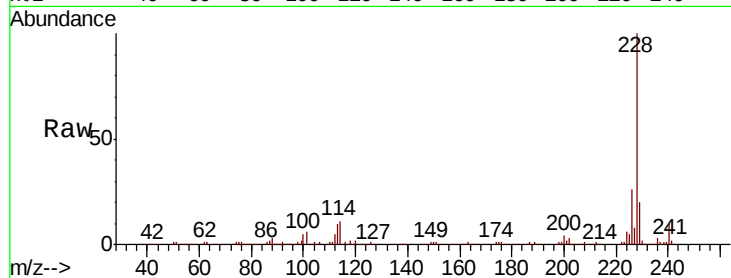




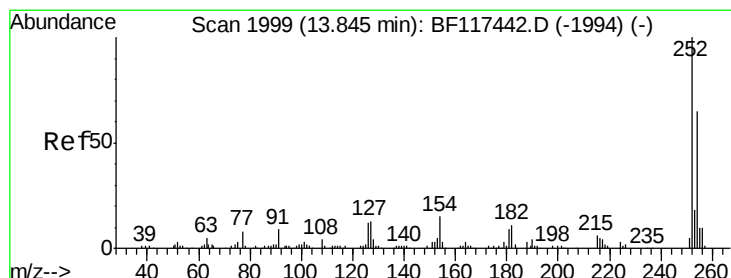
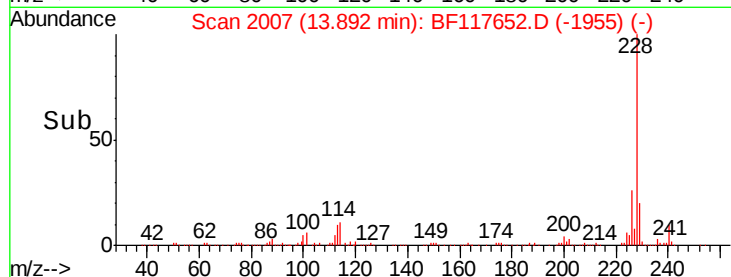
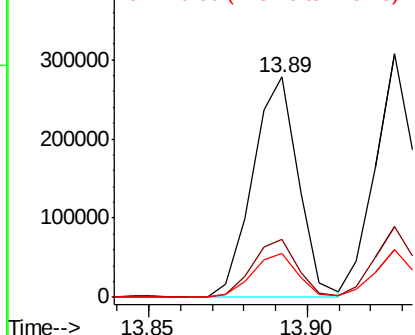
#81
Benzo(a)anthracene
Concen: 41.115 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 278492
Ion Ratio Lower Upper
228 100
226 26.3 21.0 31.4
229 19.8 16.4 24.6

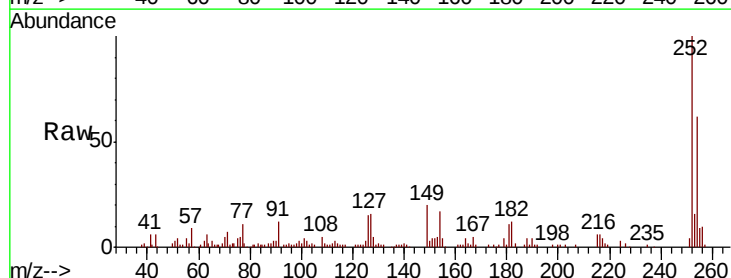


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

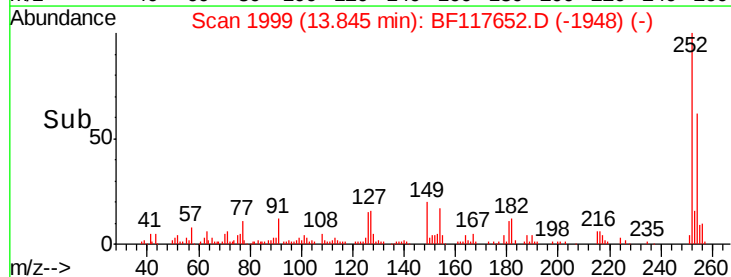
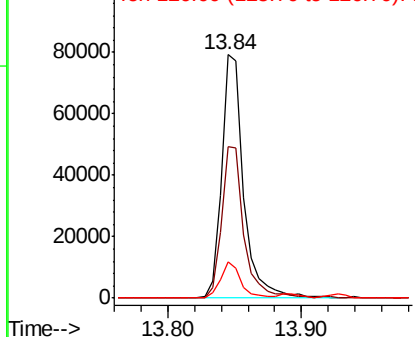


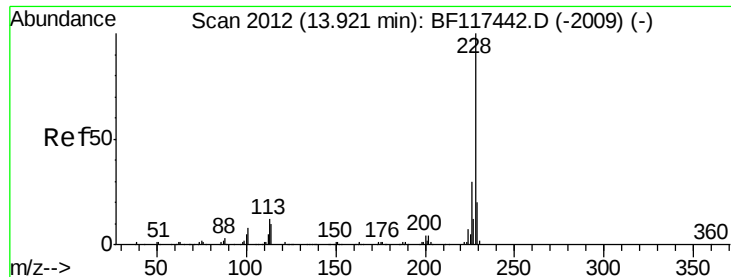
#82
3,3'-Dichlorobenzidine
Concen: 43.112 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:252 Resp: 91633
Ion Ratio Lower Upper
252 100
254 62.5 52.2 78.4
126 14.7 9.2 13.8#



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

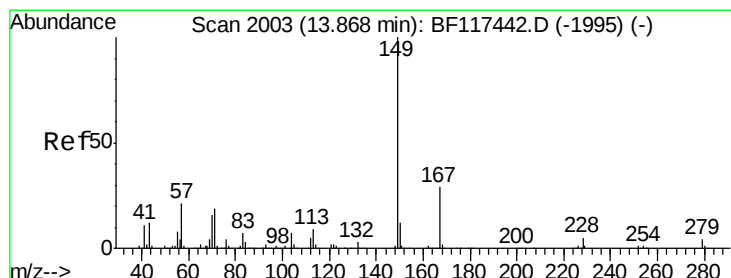
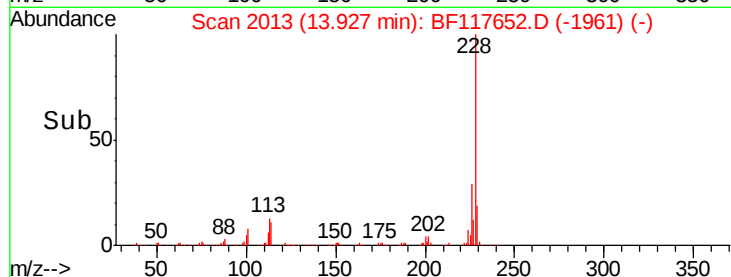
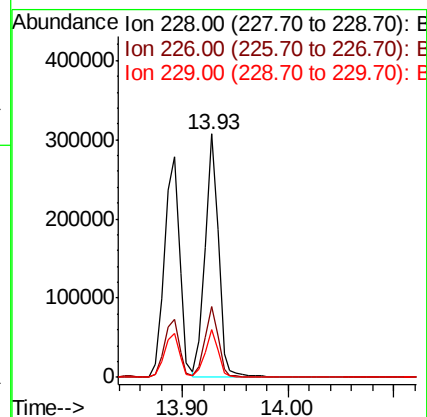
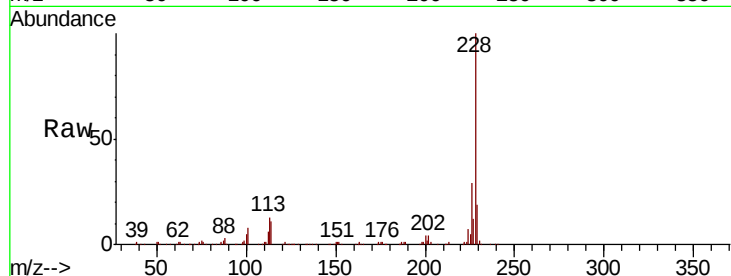




#83
 Chrysene
 Concen: 40.418 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

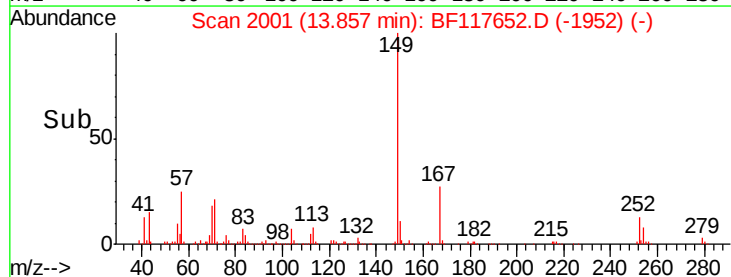
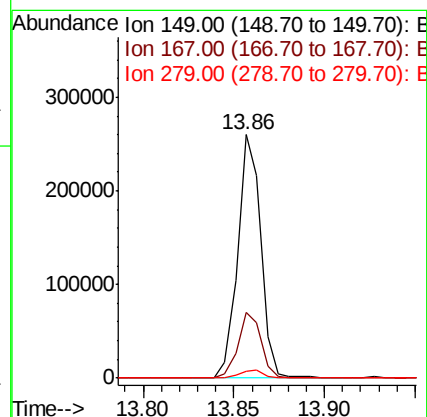
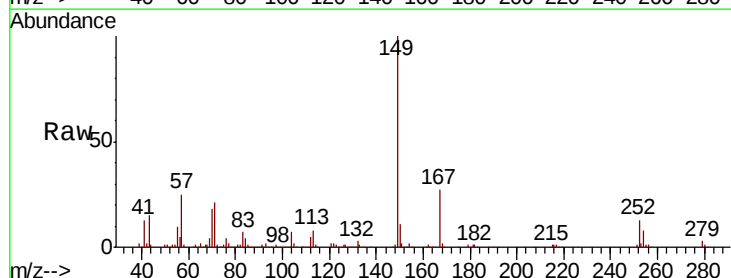
Instrument :
 BNA_F
 ClientSampleId :

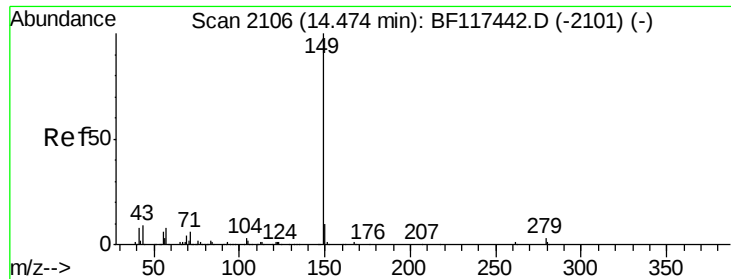
Tot Ion:228 Resp: 268309
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.9 35.9
 229 19.4 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.420 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117652.D
 Acq: 31 Oct 2019 12:34

Tgt Ion:149 Resp: 230997
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.3 34.9
 279 3.0 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 38.294 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Instrument :

BNA_F

ClientSampled :

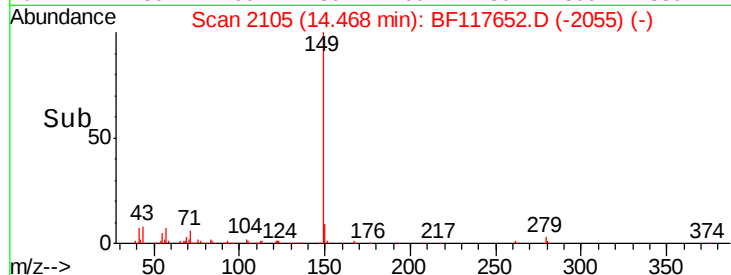
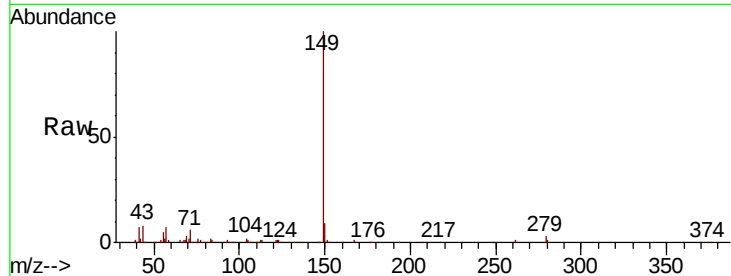
Tot Ion:149 Resp: 353990

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

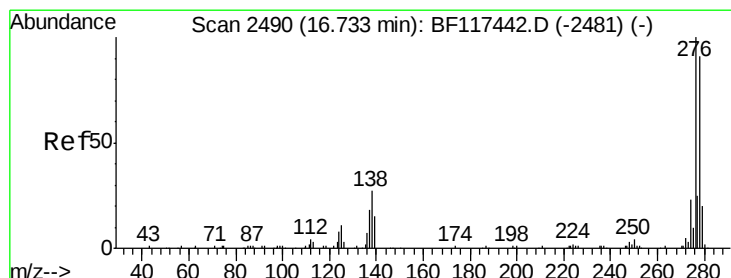
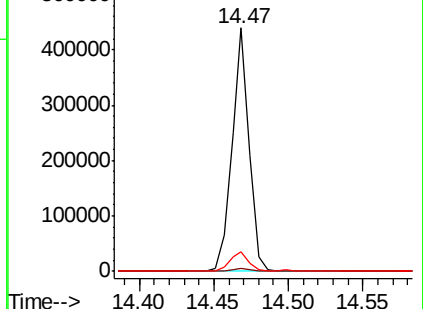
43 8.5 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.111 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.04 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

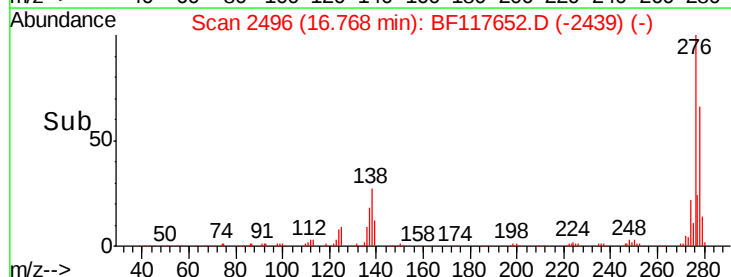
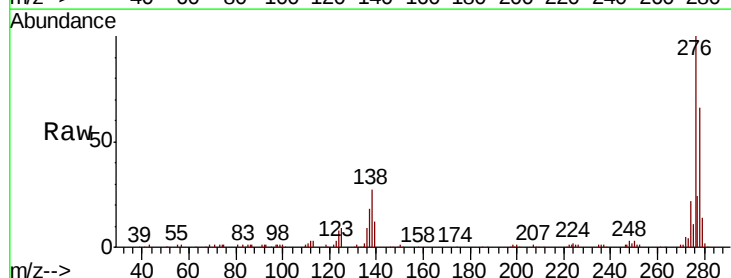
Tgt Ion:276 Resp: 218628

Ion Ratio Lower Upper

276 100

138 29.3 21.8 32.8

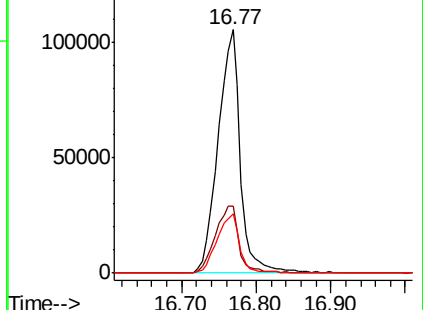
277 24.5 20.0 30.0

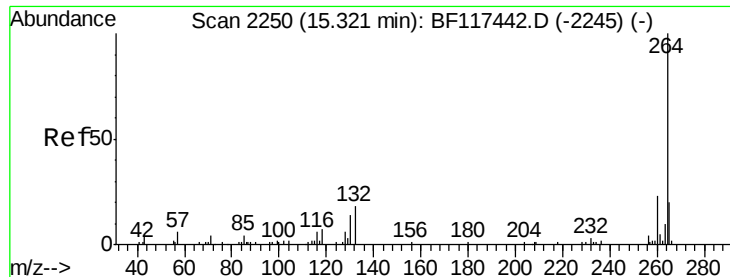


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

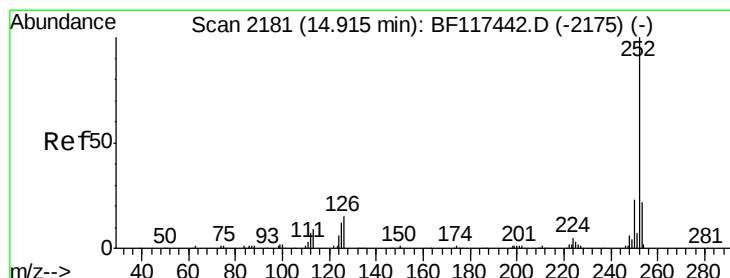
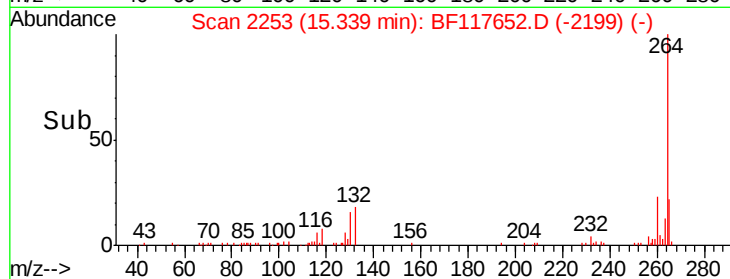
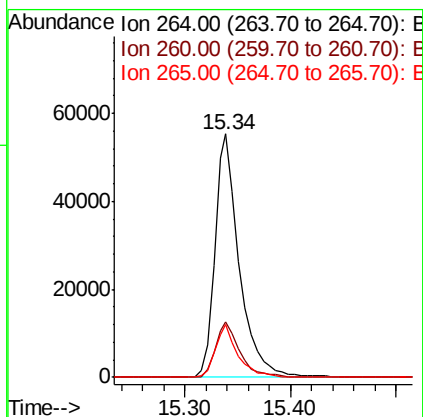
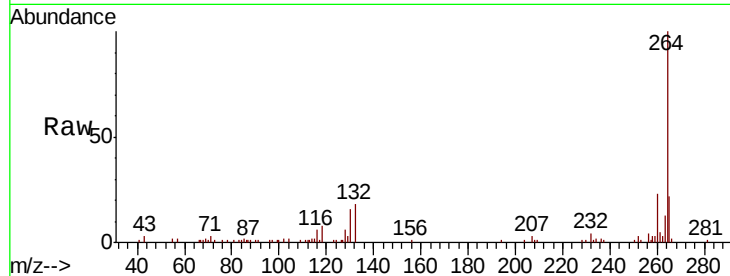




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

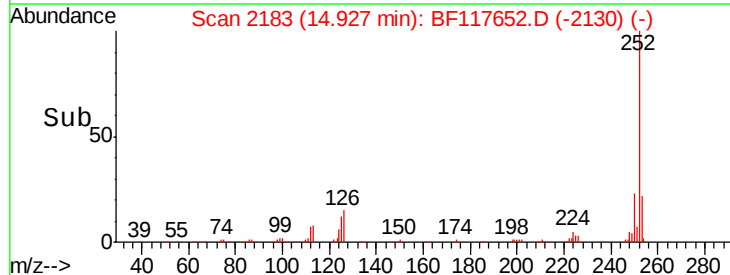
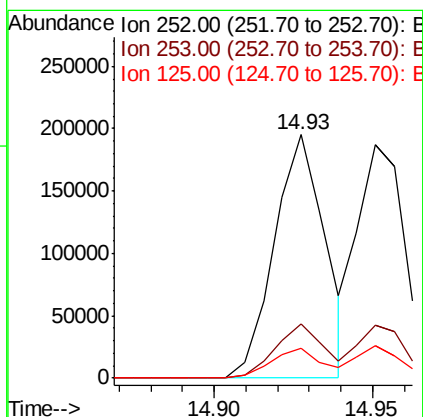
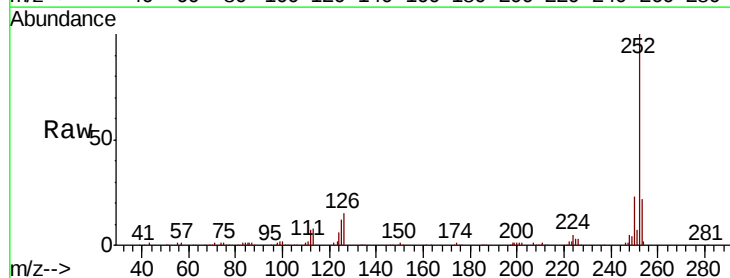
Instrument :
BNA_F
ClientSampleId :

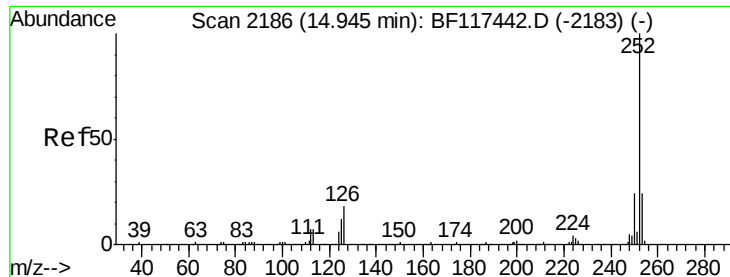
Tot Ion:264 Resp: 89164
Ion Ratio Lower Upper
264 100
260 22.6 18.4 27.6
265 22.0 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 41.275 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:252 Resp: 217324
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.0 9.9 14.9

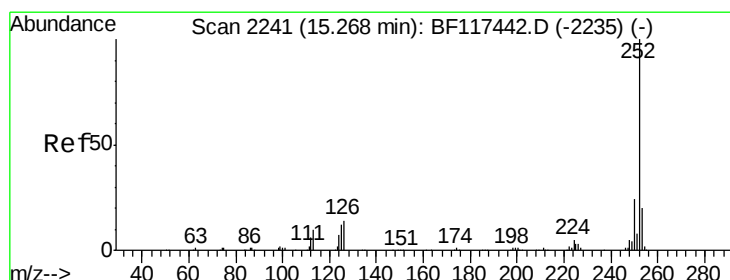
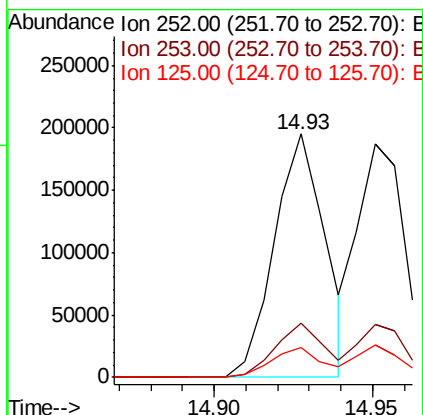
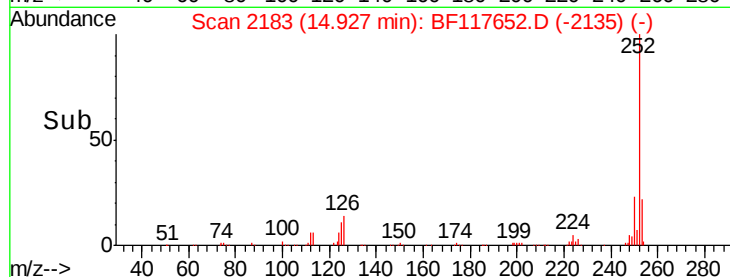
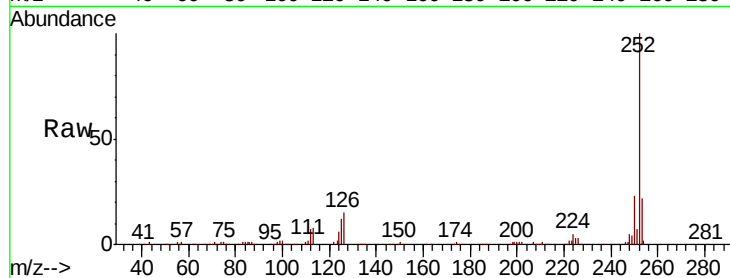




#89
Benzo(k)fluoranthene
Concen: 40.271 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

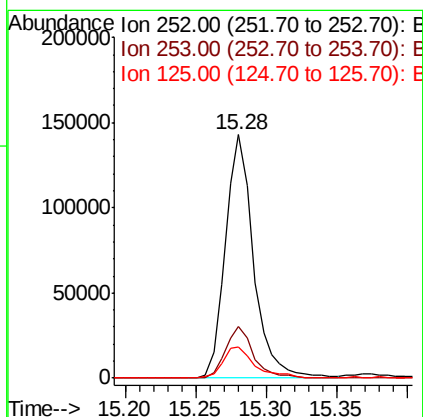
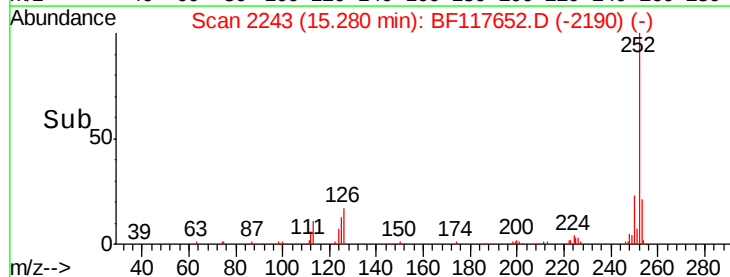
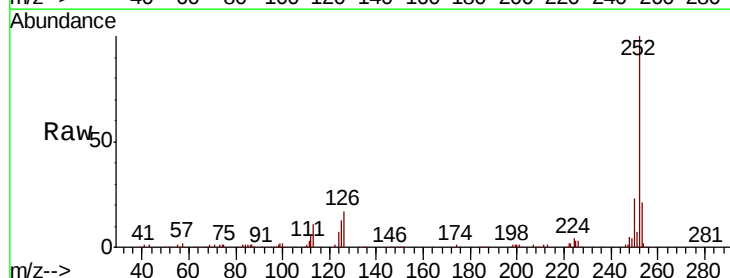
Instrument :
BNA_F
ClientSampled :

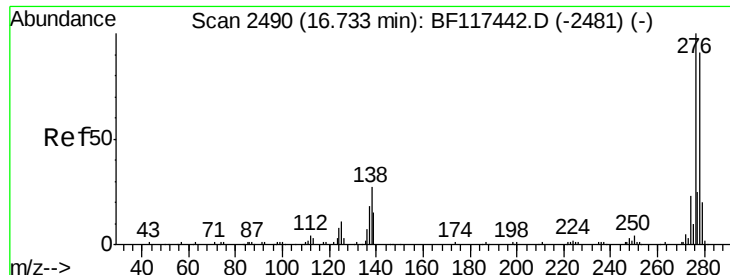
Tot Ion:252 Resp: 217324
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 12.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 41.529 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117652.D
Acq: 31 Oct 2019 12:34

Tgt Ion:252 Resp: 198808
Ion Ratio Lower Upper
252 100
253 21.0 16.3 24.5
125 12.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 44.232 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.03 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

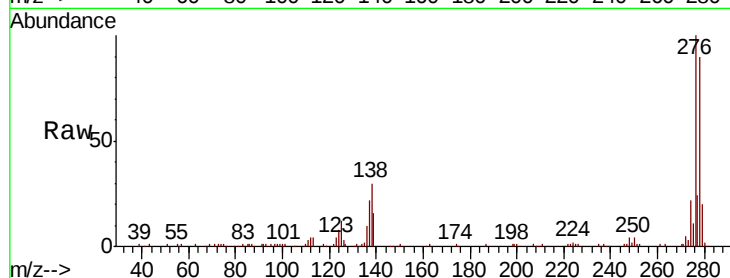
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 183095

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.4	20.0
279	22.5	17.8	26.6

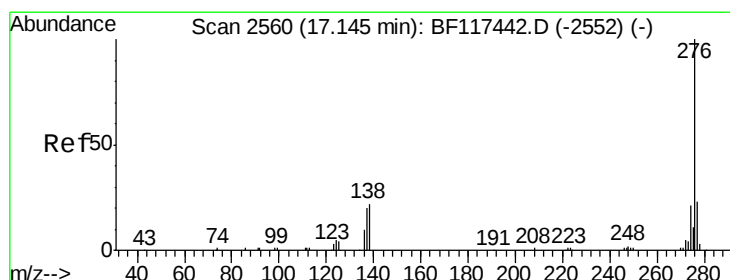
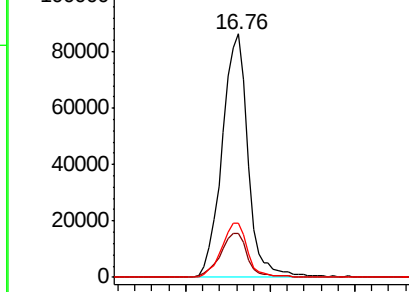
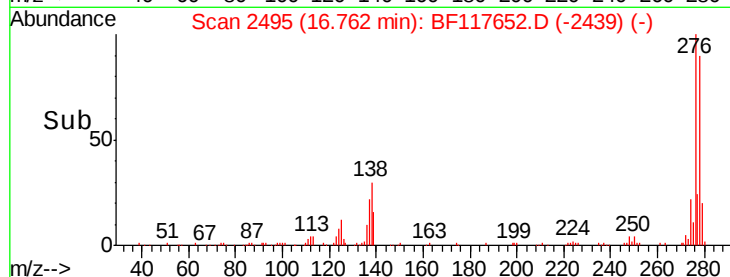


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.258 ng

RT: 17.19 min Scan# 2568

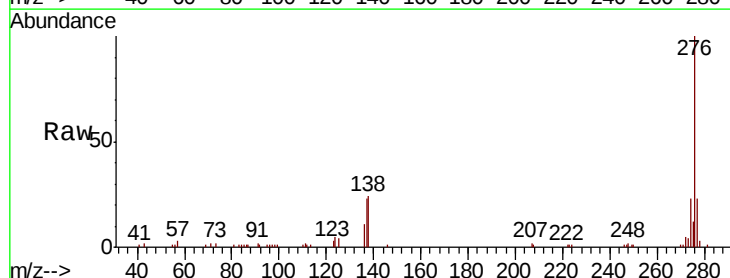
Delta R.T. 0.05 min

Lab File: BF117652.D

Acq: 31 Oct 2019 12:34

Tgt Ion:276 Resp: 177256

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	24.2	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

