

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117098.D
 Acq On : 17 Sep 2019 11:30
 Operator : HP/JU
 Sample : K4883-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 17:51:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	70357	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	270402	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	143068	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	226319	20.00	ng	0.00
76) Chrysene-d12	13.97	240	147200	20.00	ng	0.00
87) Perylene-d12	15.42	264	127176	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	263471	58.47	ng	0.01
7) Phenol-d6	6.46	99	227077	38.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	496587	96.49	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	170444	142.54	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	877082	95.86	ng	0.00
79) Terphenyl-d14	12.92	244	767101	97.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	28906	15.329	ng	98
3) Pyridine	3.36	79	48833	9.461	ng	92
4) n-Nitrosodimethylamine	3.27	42	26081	14.724	ng	# 91
6) Aniline	6.49	93	146521	19.540	ng	98
8) 2-Chlorophenol	6.62	128	177907	36.595	ng	96
9) Benzaldehyde	6.37	77	134225	48.017	ng	98
10) Phenol	6.47	94	101494	15.808	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	200572	42.505	ng	98
12) 1,3-Dichlorobenzene	6.76	146	192376	35.264	ng	99
13) 1,4-Dichlorobenzene	6.84	146	199943	35.914	ng	98
14) 1,2-Dichlorobenzene	7.00	146	190320	36.718	ng	97
15) Benzyl Alcohol	6.97	79	124926	27.972	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	193722	41.553	ng	93
17) 2-Methylphenol	7.09	107	122404	30.042	ng	94
18) Hexachloroethane	7.33	117	76607	35.769	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	160535	45.267	ng	97
20) 3+4-Methylphenols	7.23	107	138085	27.208	ng	# 50
22) Acetophenone	7.23	105	321586	46.810	ng	96
24) Nitrobenzene	7.41	77	242316	47.679	ng	94
25) Isophorone	7.65	82	439434	48.226	ng	99
26) 2-Nitrophenol	7.72	139	111557	51.103	ng	96
27) 2,4-Dimethylphenol	7.76	122	168592	48.701	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	259839	46.284	ng	100
29) 2,4-Dichlorophenol	7.97	162	168240	46.381	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	162766	41.534	ng	99
31) Naphthalene	8.13	128	593462	45.635	ng	99
32) Benzoic acid	7.85	122	13940	11.194	ng	# 84
33) 4-Chloroaniline	8.17	127	157632	27.329	ng	98
34) Hexachlorobutadiene	8.25	225	88389	39.755	ng	99
35) Caprolactam	8.54	113	8246	6.716	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	187903	44.427	ng	100
37) 2-Methylnaphthalene	8.82	142	418009	47.733	ng	99
38) 1-Methylnaphthalene	8.92	142	387548	47.251	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	163735	44.320	ng	99

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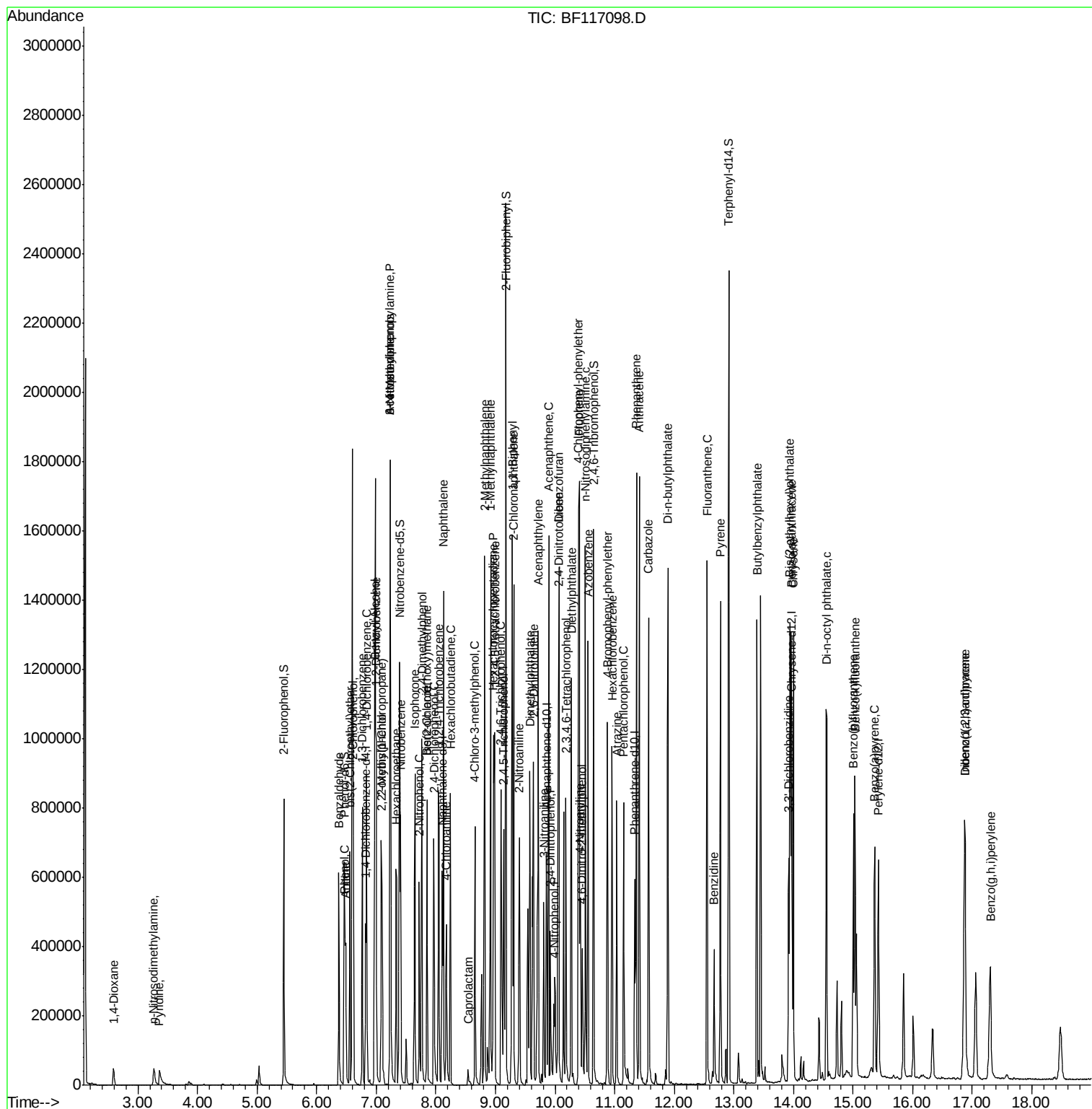
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	130572	79.962	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	114624	45.719	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	121215	45.252	ng	97
46) 1,1'-Biphenyl	9.28	154	503414	44.858	ng	98
47) 2-Chloronaphthalene	9.30	162	392085	44.270	ng	99
48) 2-Nitroaniline	9.40	65	133050	46.835	ng	92
49) Acenaphthylene	9.72	152	623348	46.982	ng	99
50) Dimethylphthalate	9.58	163	493496	48.717	ng	99
51) 2,6-Dinitrotoluene	9.64	165	104676	50.736	ng #	86
52) Acenaphthene	9.89	154	363268	46.188	ng	98
53) 3-Nitroaniline	9.81	138	83780	32.185	ng	98
54) 2,4-Dinitrophenol	9.93	184	67248	76.005	ng #	87
55) Dibenzofuran	10.06	168	553615	47.708	ng	100
56) 4-Nitrophenol	9.98	139	48473	28.732	ng	96
57) 2,4-Dinitrotoluene	10.05	165	140565	52.487	ng	95
58) Fluorene	10.40	166	450160	48.158	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93090	45.414	ng	97
60) Diethylphthalate	10.27	149	470355	47.196	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	189479	46.850	ng	99
62) 4-Nitroaniline	10.43	138	116564	43.059	ng	97
63) Azobenzene	10.55	77	481017	47.257	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	53263	51.126	ng	96
66) n-Nitrosodiphenylamine	10.51	169	389440	49.825	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	110709	47.900	ng	98
68) Hexachlorobenzene	10.96	284	116551	46.105	ng	98
69) Atrazine	11.04	200	105895	59.356	ng	98
70) Pentachlorophenol	11.15	266	104748	88.397	ng	98
71) Phenanthrene	11.36	178	624986	48.619	ng	99
72) Anthracene	11.42	178	658311	50.162	ng	98
73) Carbazole	11.57	167	611916	49.122	ng	99
74) Di-n-butylphthalate	11.89	149	712686	48.085	ng	100
75) Fluoranthene	12.55	202	642944	48.677	ng	97
77) Benzidine	12.67	184	174641	36.831	ng	98
78) Pyrene	12.78	202	636270	51.515	ng	99
80) Butylbenzylphthalate	13.39	149	287398	49.245	ng	98
81) Benzo(a)anthracene	13.96	228	470392	47.830	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	138602	43.735	ng	97
83) Chrysene	14.00	228	456611	47.604	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	379411	50.421	ng #	98
85) Di-n-octyl phthalate	14.56	149	575779	48.615	ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	381676	54.542	ng	98
88) Benzo(b)fluoranthene	15.00	252	355102	46.096	ng	99
89) Benzo(k)fluoranthene	15.03	252	373497	51.183	ng	98
90) Benzo(a)pyrene	15.36	252	344006	50.889	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	317904	59.033	ng	97
92) Benzo(g,h,i)perylene	17.30	276	318414	59.336	ng	98

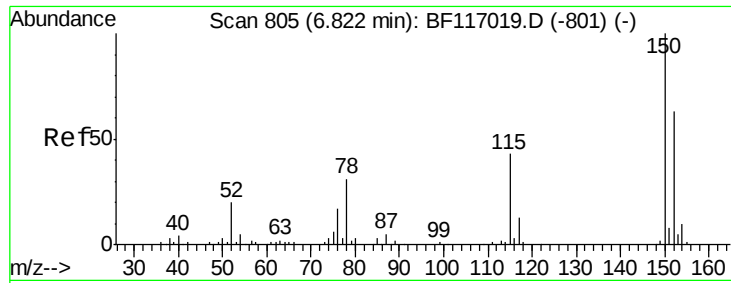
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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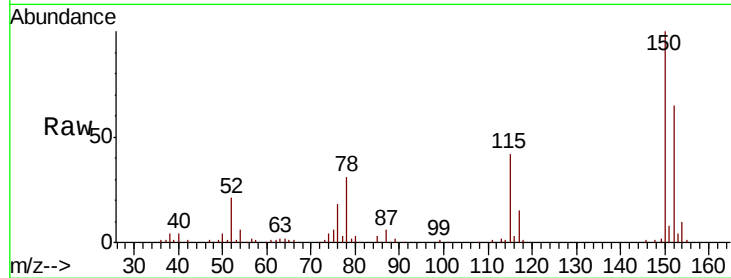


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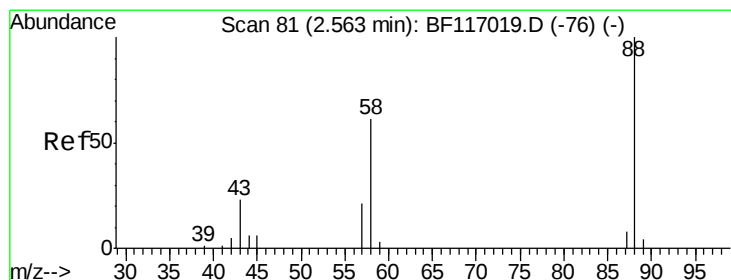
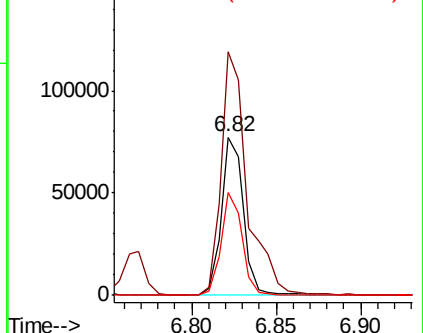
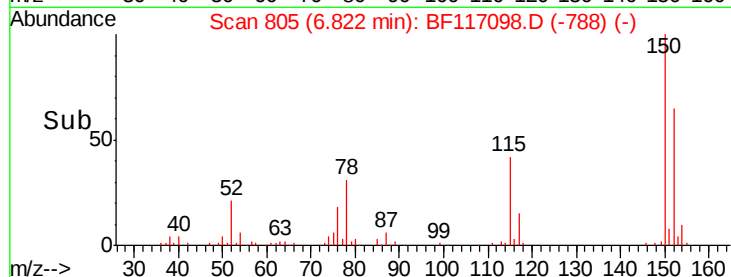
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70357
Ion Ratio Lower Upper
152 100
150 153.9 127.5 191.3
115 65.3 55.0 82.4



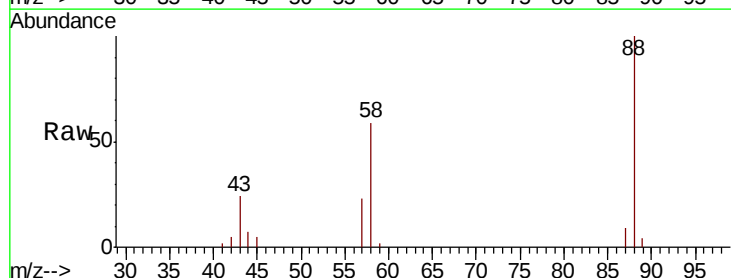
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



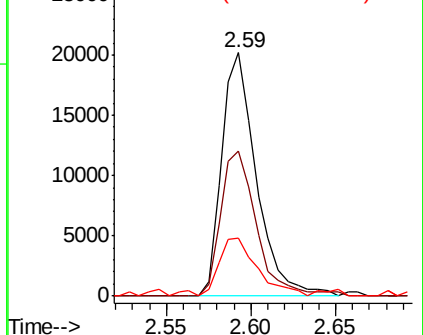
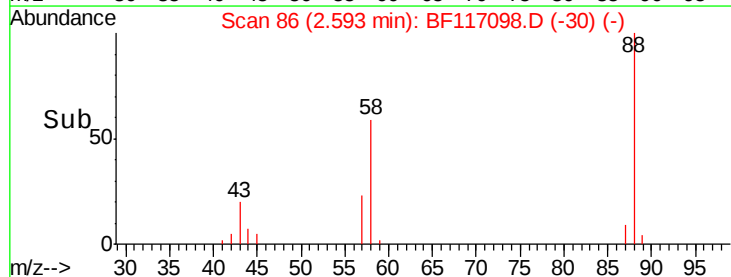
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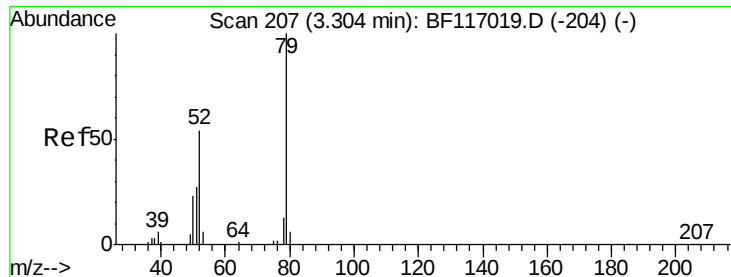
1,4-Dioxane
Concen: 15.329 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.03 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion: 88 Resp: 28906
Ion Ratio Lower Upper
88 100
58 61.6 49.3 73.9
43 27.2 18.8 28.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

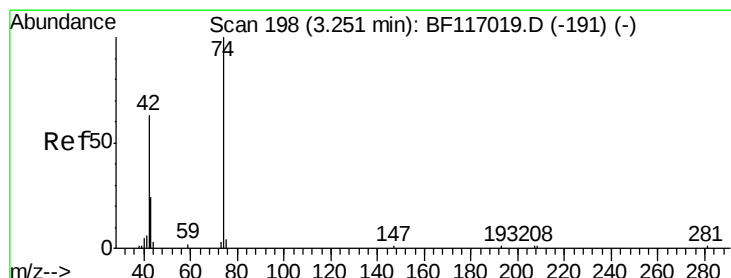
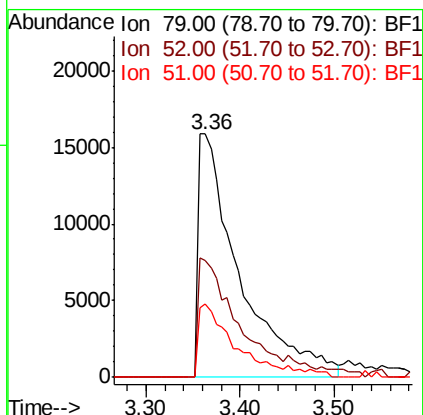
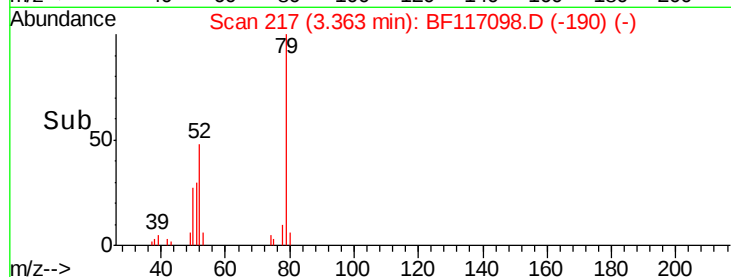
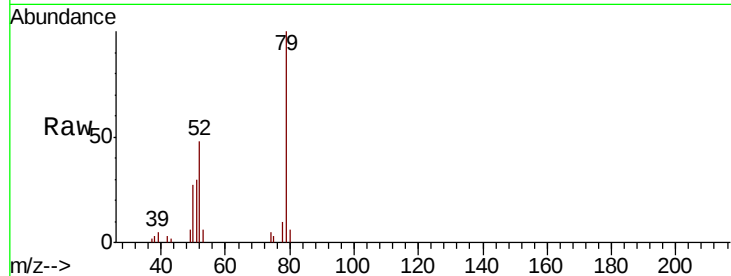




#3
 Pvridine
 Concen: 9.461 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

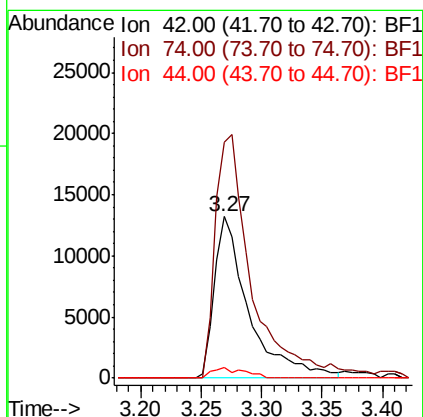
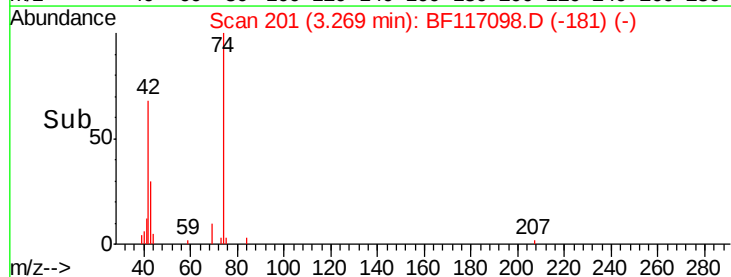
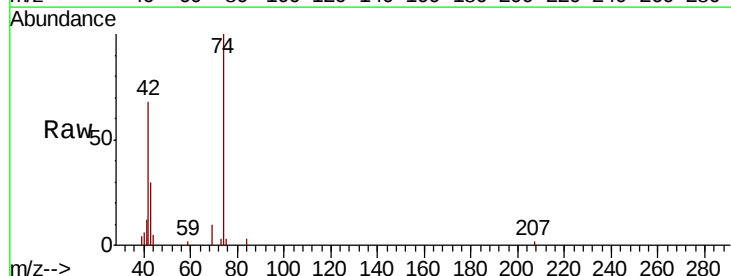
Instrument :
 BNA_F
 ClientSampleId :

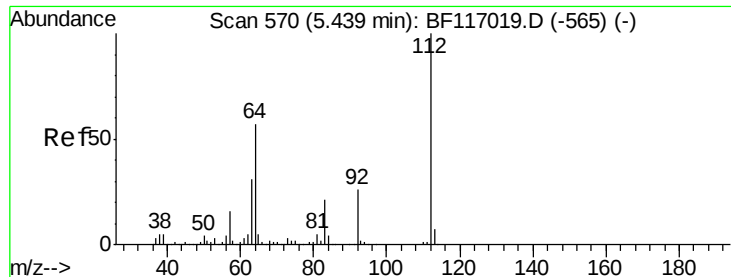
Tot Ion	Ratio	Lower	Upper
79	100		
52	48.0	43.5	65.3
51	30.1	21.8	32.6



#4
 n-Nitrosodimethylamine
 Concen: 14.724 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.02 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.5	127.1	190.7
44	7.0	4.3	6.5#





#5

2-Fluorophenol

Concen: 58.465 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

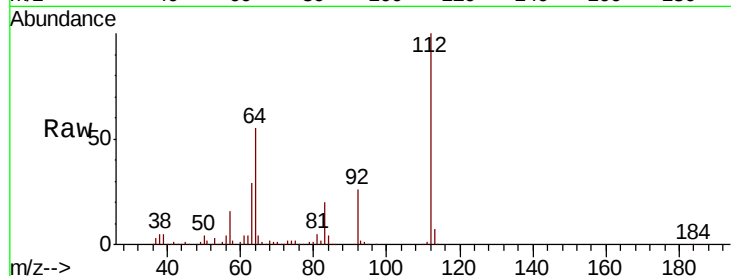
Tot Ion:112 Resp: 263471

Ion Ratio Lower Upper

112 100

64 55.1 45.7 68.5

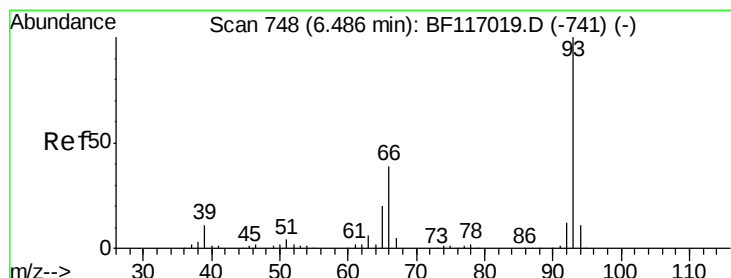
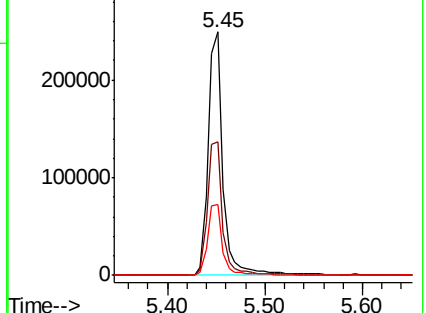
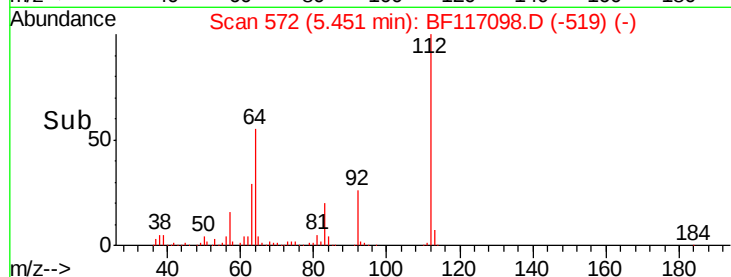
63 29.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.540 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

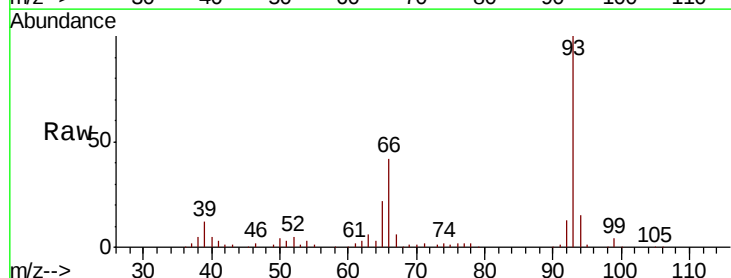
Tgt Ion: 93 Resp: 146521

Ion Ratio Lower Upper

93 100

66 42.0 32.6 49.0

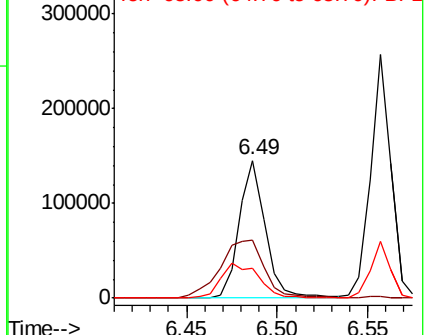
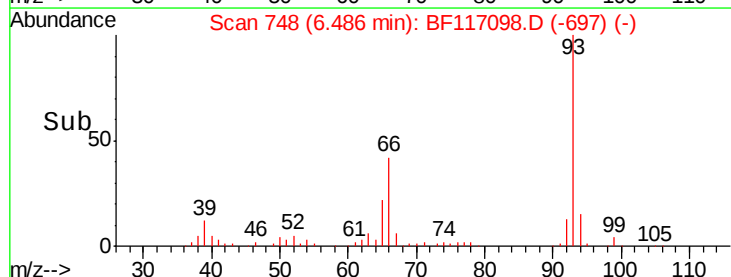
65 21.8 16.7 25.1

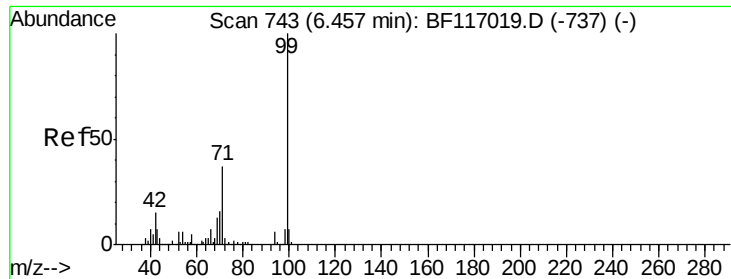


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.990 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

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ClientSampleId :

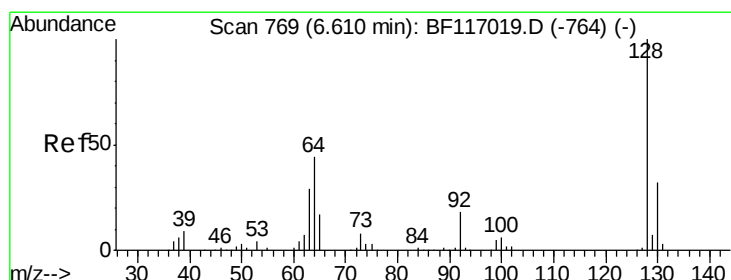
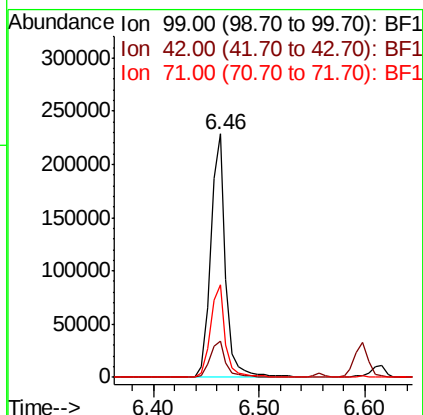
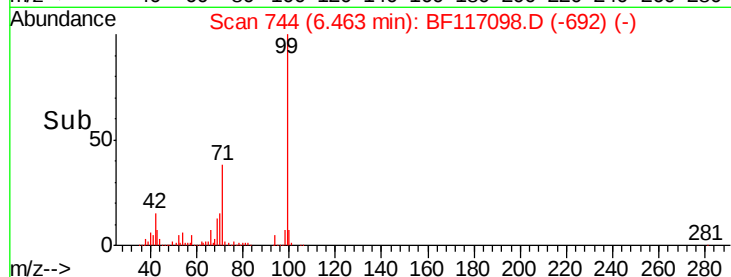
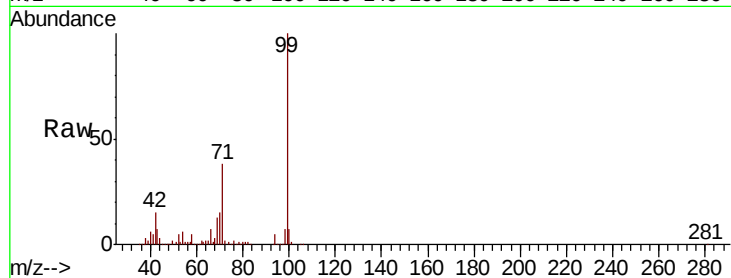
Tot Ion: 99 Resp: 227077

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

71 38.3 29.8 44.8



#8

2-Chlorophenol

Concen: 36.595 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

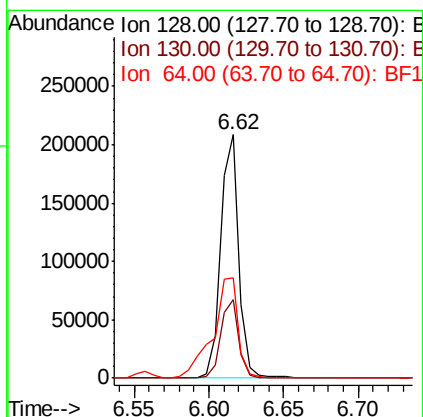
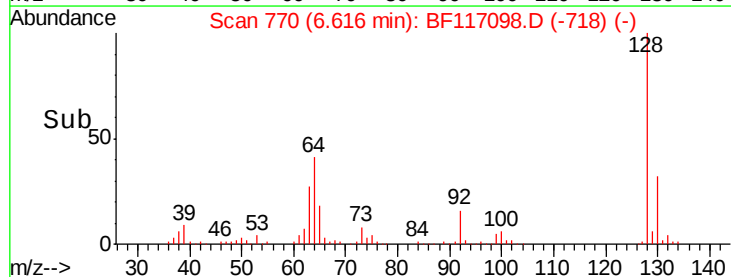
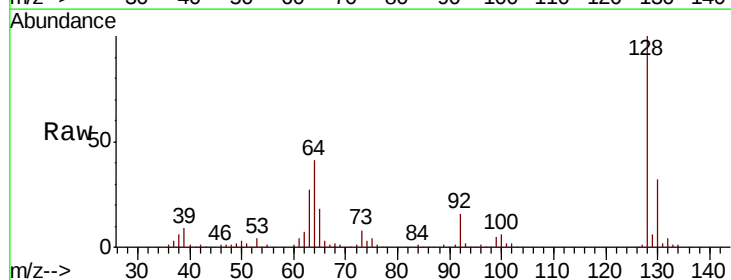
Tgt Ion: 128 Resp: 177907

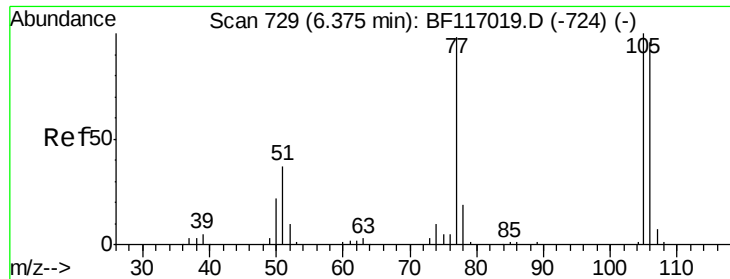
Ion Ratio Lower Upper

128 100

130 32.3 11.8 51.8

64 41.3 25.0 65.0





#9

Benzaldehyde

Concen: 48.017 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

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ClientSampleId :

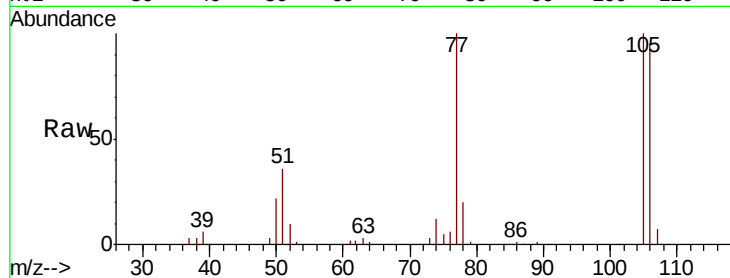
Tot Ion: 77 Resp: 134225

Ion Ratio Lower Upper

77 100

105 100.1 81.8 121.8

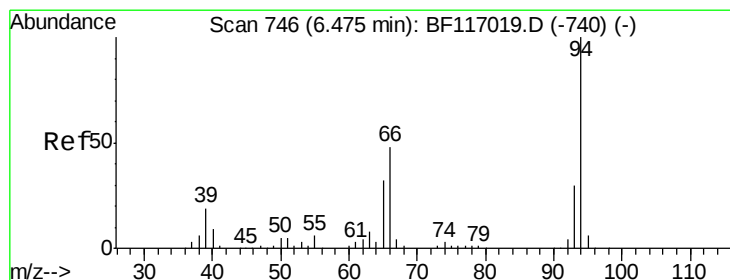
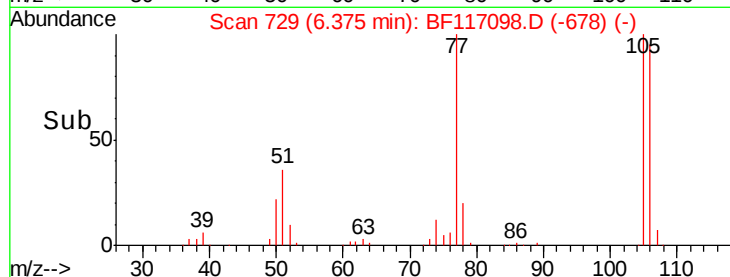
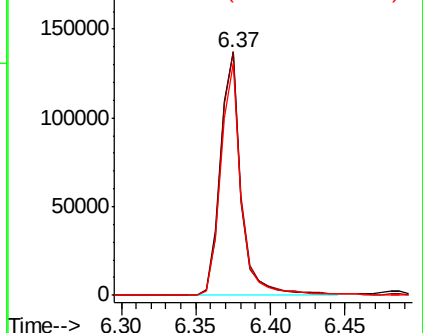
106 95.3 77.3 117.3



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: 15.808 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

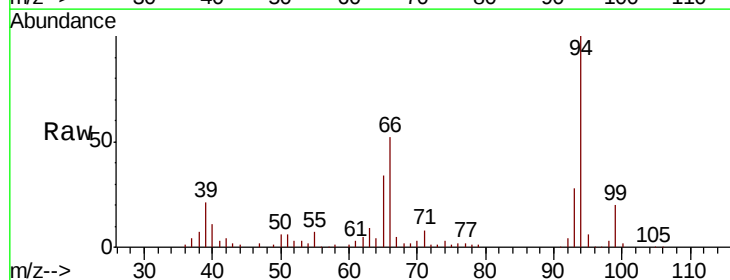
Tgt Ion: 94 Resp: 101494

Ion Ratio Lower Upper

94 100

65 33.5 12.5 52.5

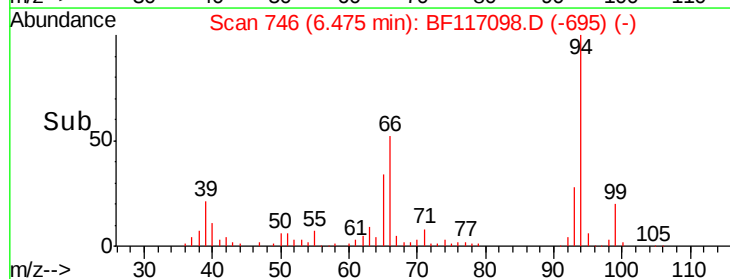
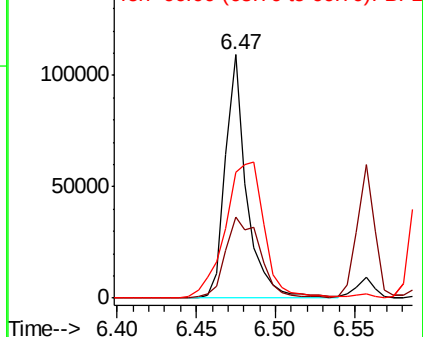
66 51.7 28.9 68.9

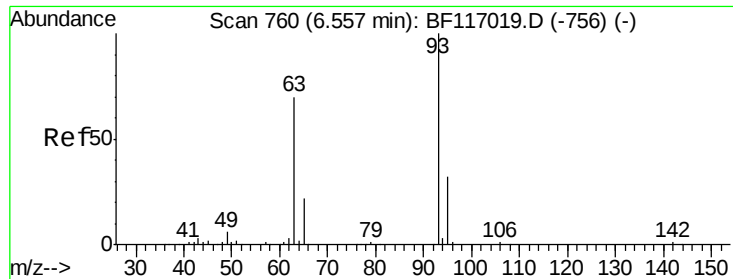


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

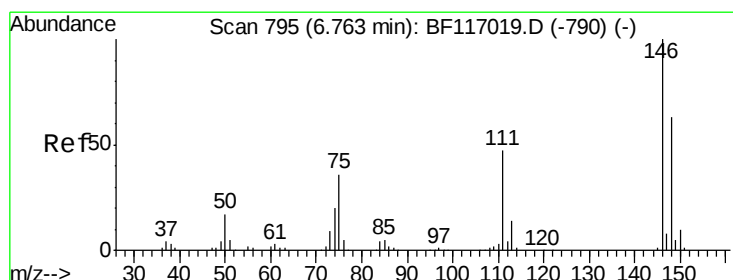
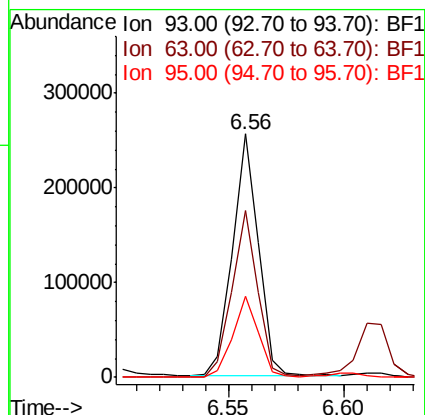
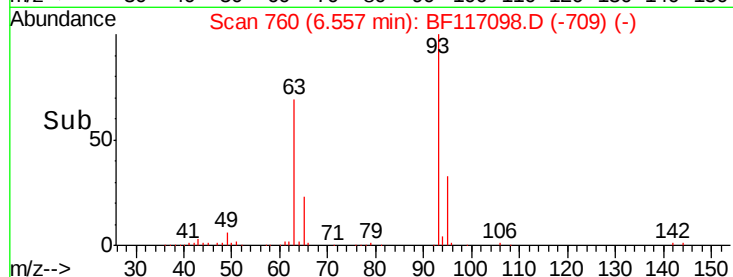
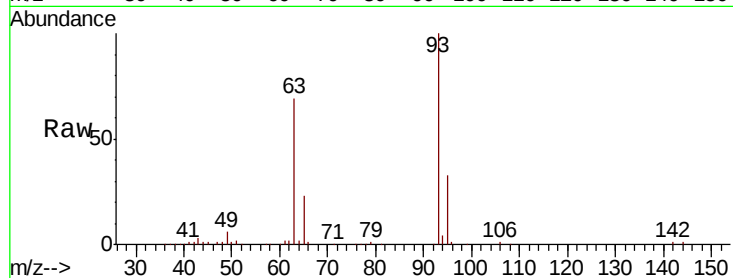




#11
bis(2-Chloroethyl)ether
Concen: 42.505 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

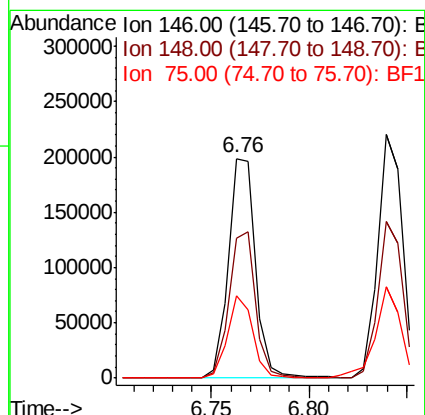
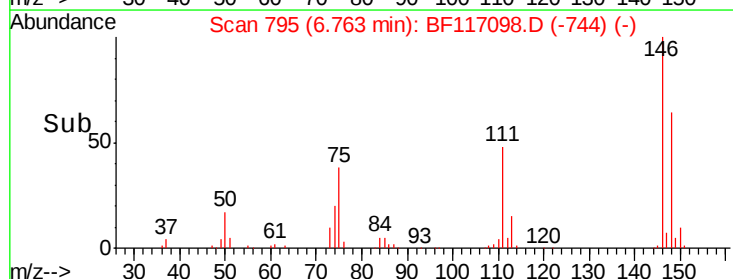
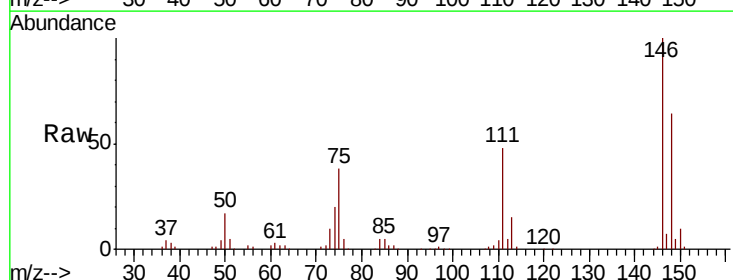
Instrument :
BNA_F
ClientSampleId :

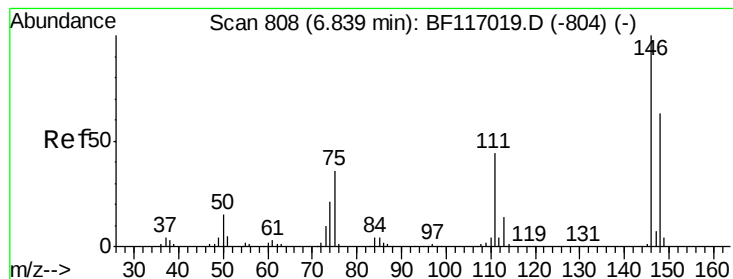
Tot Ion: 93 Resp: 200572
Ion Ratio Lower Upper
93 100
63 68.6 49.3 89.3
95 33.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 35.264 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion: 146 Resp: 192376
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
75 37.8 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 35.914 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampled :

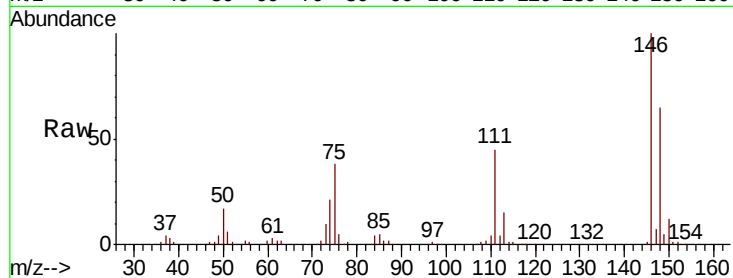
Tot Ion:146 Resp: 199943

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

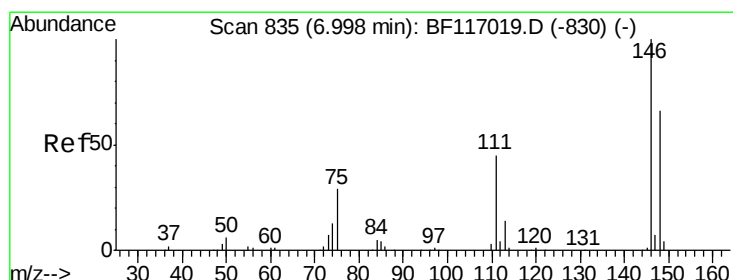
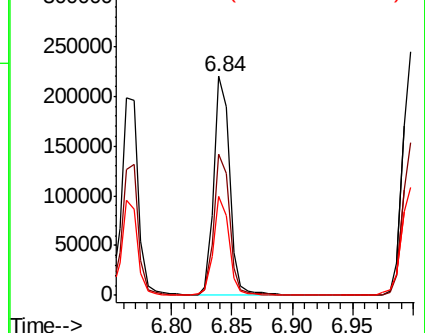
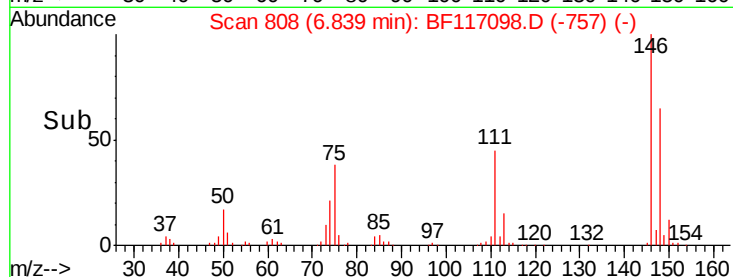
111 45.4 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.718 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

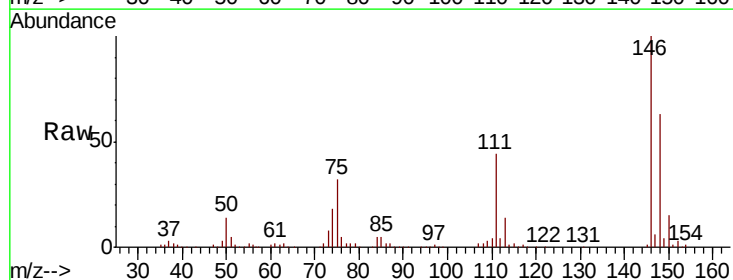
Tgt Ion:146 Resp: 190320

Ion Ratio Lower Upper

146 100

148 62.9 52.6 78.8

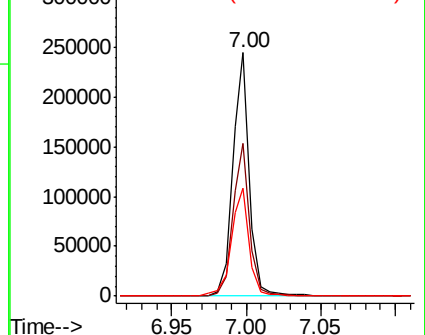
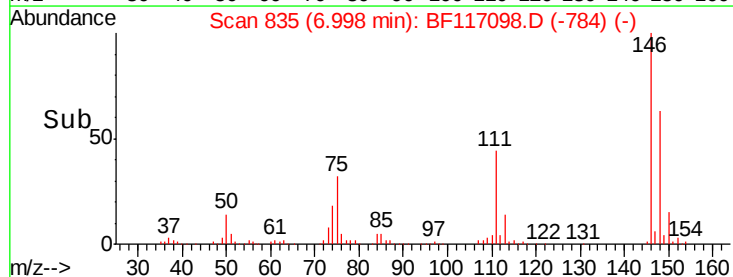
111 44.2 36.2 54.2

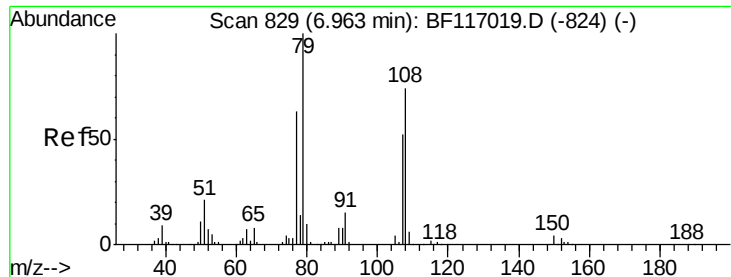


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.972 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampled :

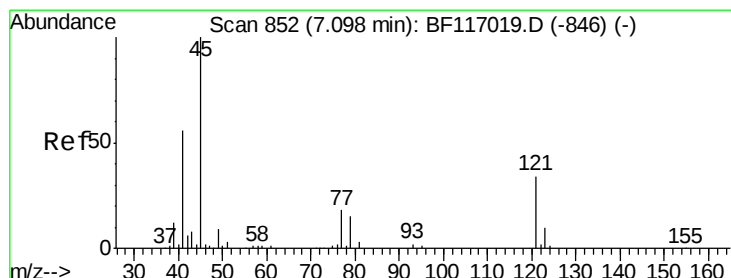
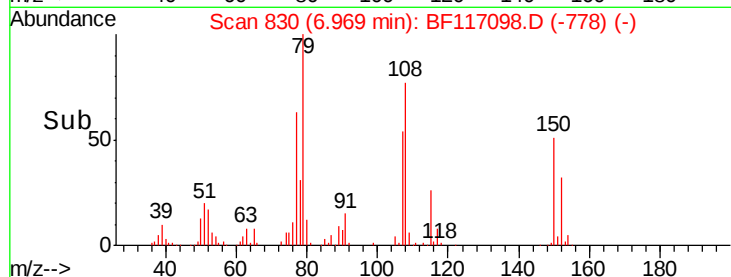
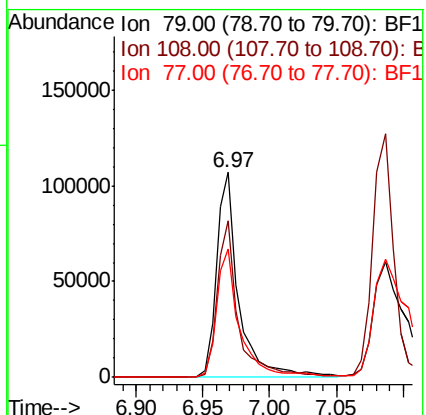
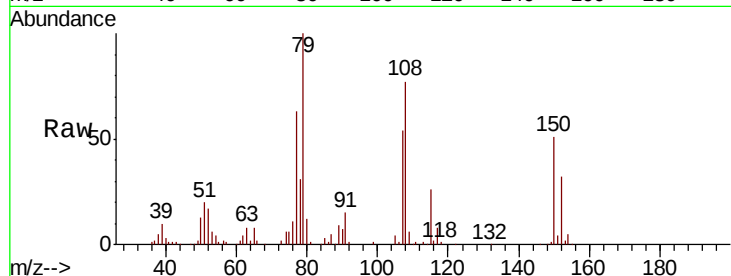
Tot Ion: 79 Resp: 124926

Ion Ratio Lower Upper

79 100

108 76.6 59.4 89.0

77 62.6 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.553 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

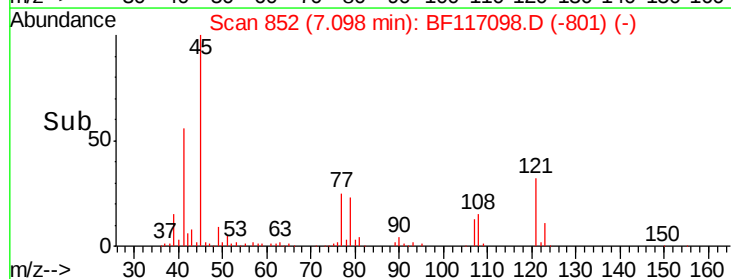
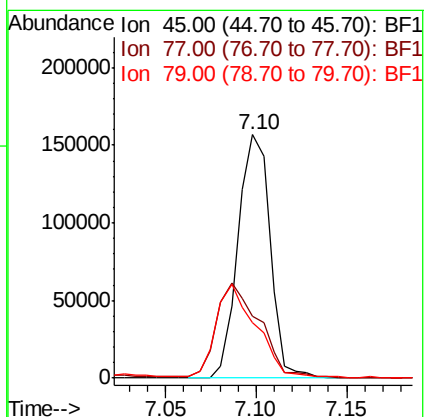
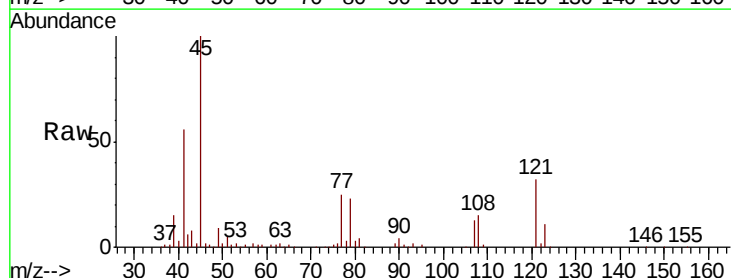
Tgt Ion: 45 Resp: 193722

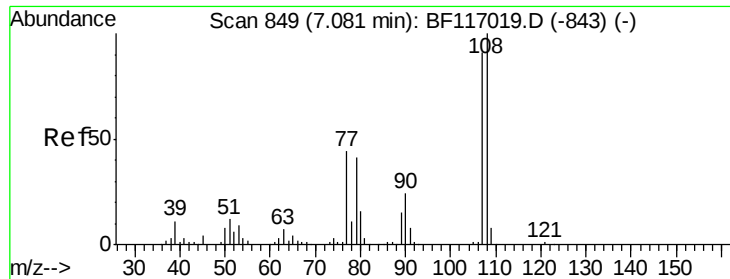
Ion Ratio Lower Upper

45 100

77 25.3 2.7 42.7

79 22.6 0.0 38.9

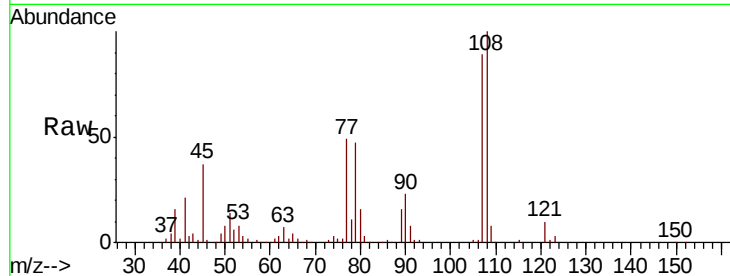




#17
2-Methylphenol
Concen: 30.042 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	87.7	131.5
77	54.7	38.6	58.0
79	53.3	36.8	55.2



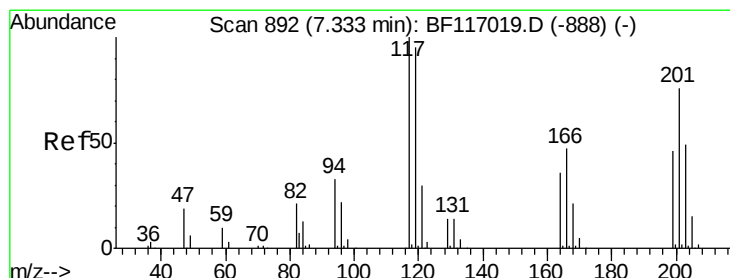
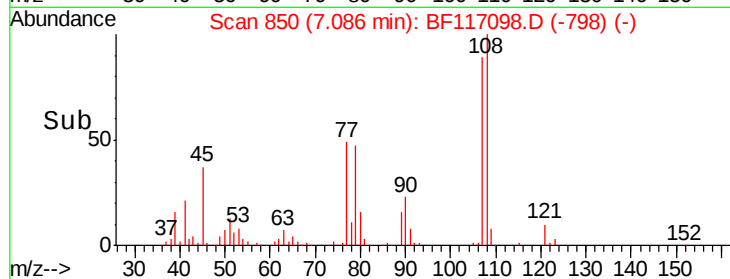
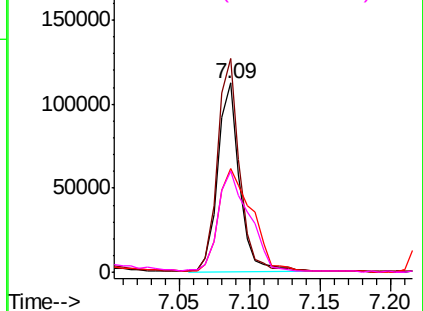
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

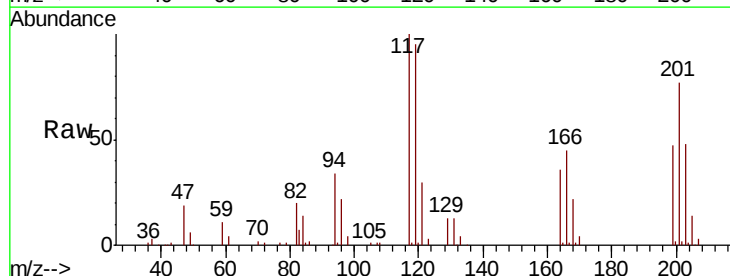
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.769 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	76.6	60.9	91.3

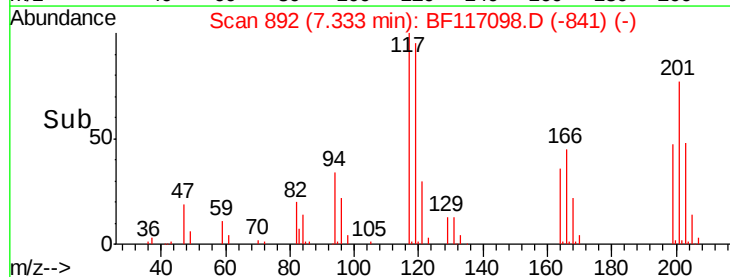
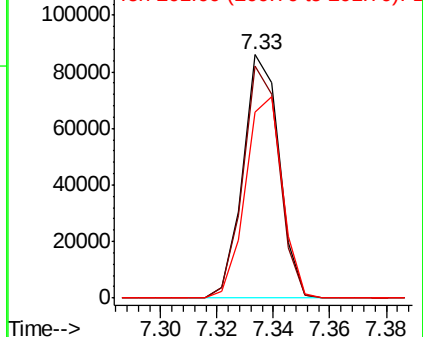


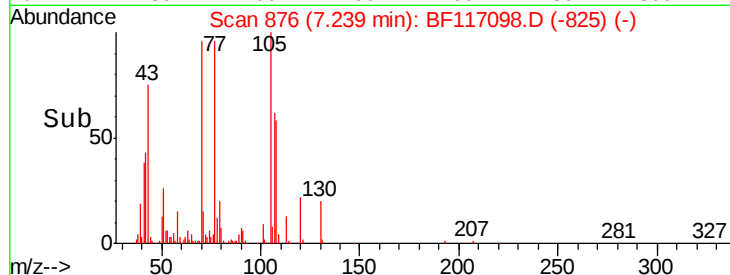
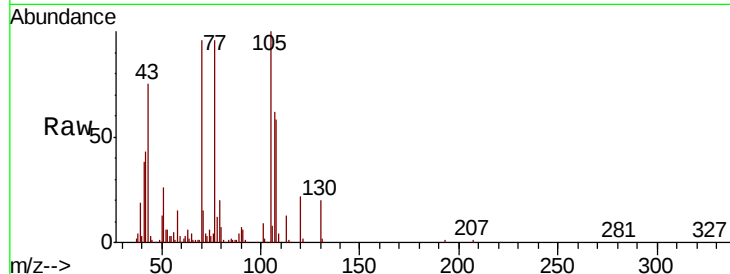
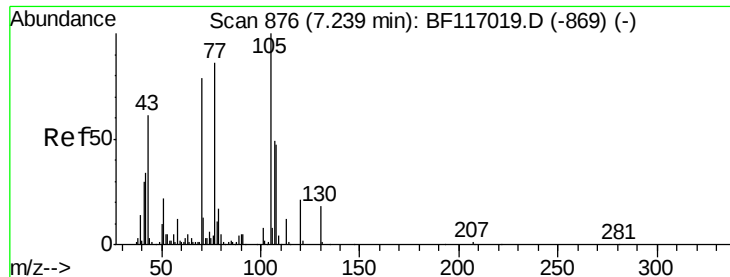
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

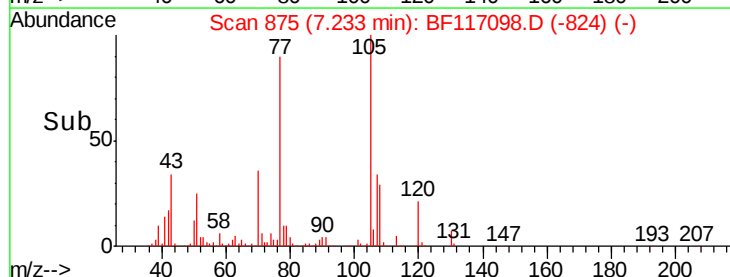
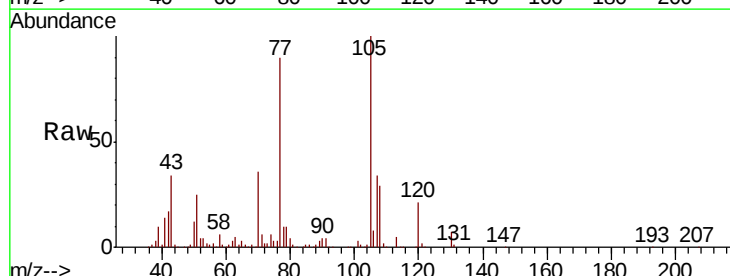
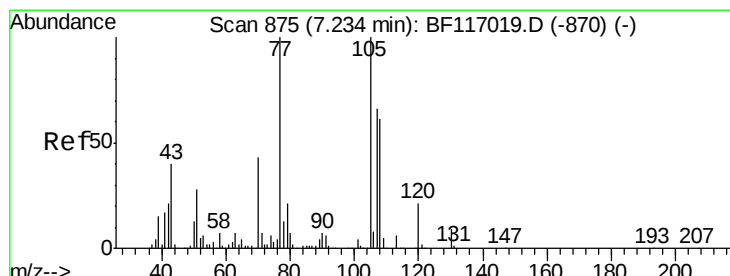
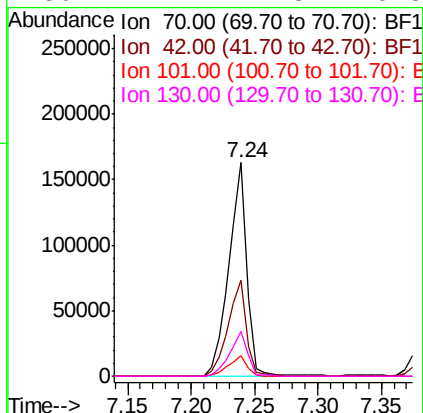




#19
n-Nitroso-di-n-propylamine
Concen: 45.267 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

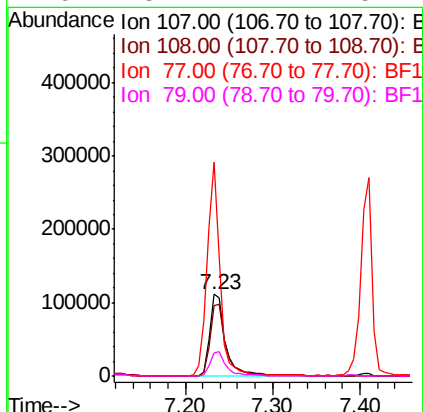
Instrument :
BNA_F
ClientSampled :

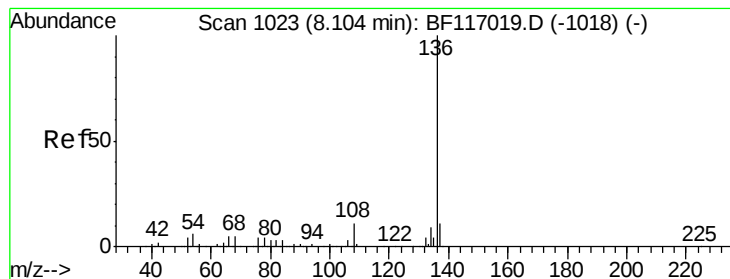
Tot Ion:	70	Resp:	160535
Ion	Ratio	Lower	Upper
70	100		
42	45.2	34.0	51.0
101	9.6	7.8	11.6
130	21.2	17.8	26.8



#20
3+4-Methylphenols
Concen: 27.208 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:	107	Resp:	138085
Ion	Ratio	Lower	Upper
107	100		
108	85.8	72.6	112.6
77	262.0	132.1	172.1#
79	28.4	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 270402

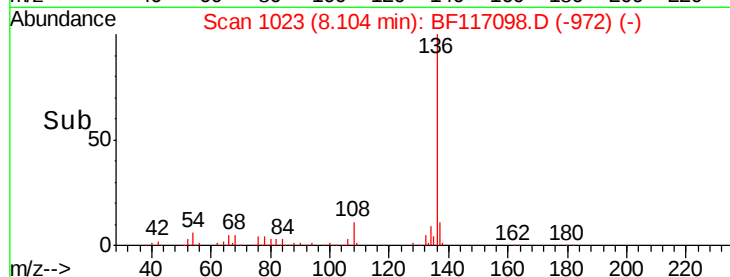
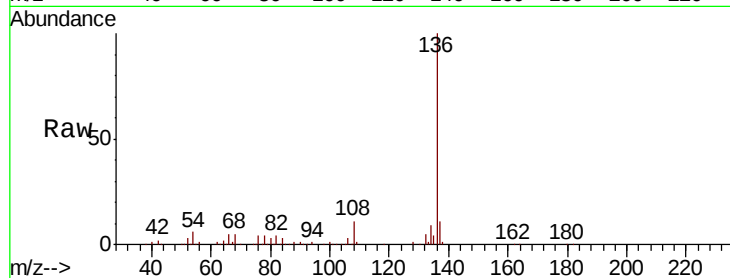
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 5.8 4.5 6.7

68 4.6 4.0 6.0

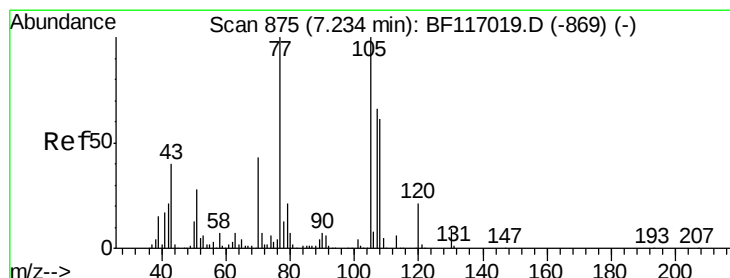
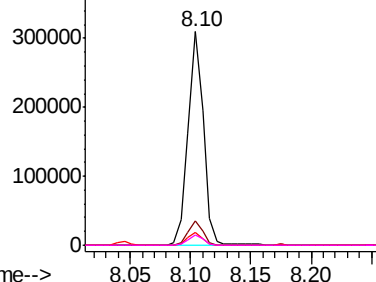


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.810 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Tgt Ion:105 Resp: 321586

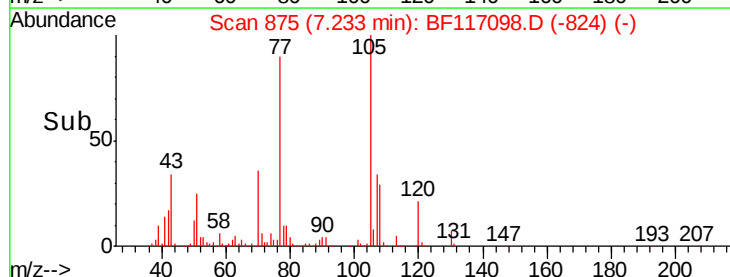
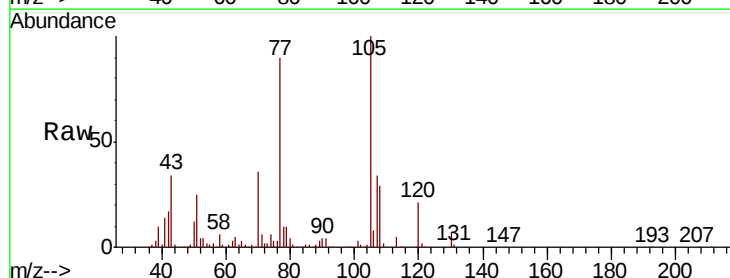
Ion Ratio Lower Upper

105 100

71 6.0 5.7 8.5

51 24.7 22.1 33.1

120 20.7 17.1 25.7

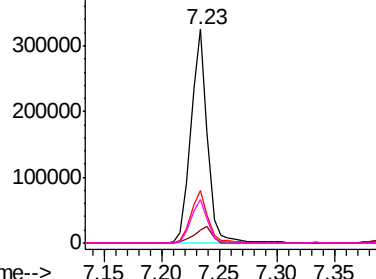


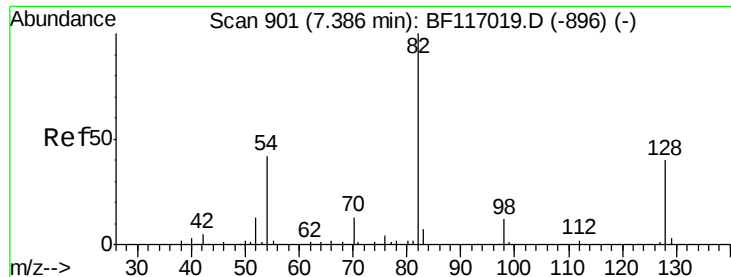
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

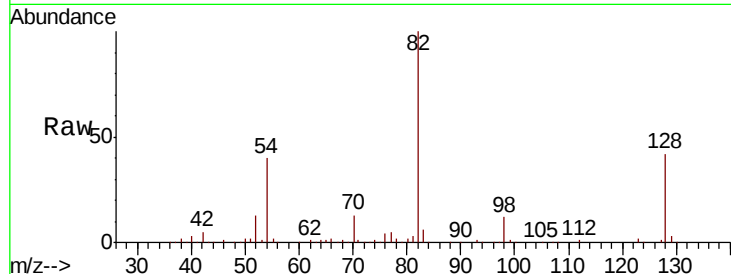




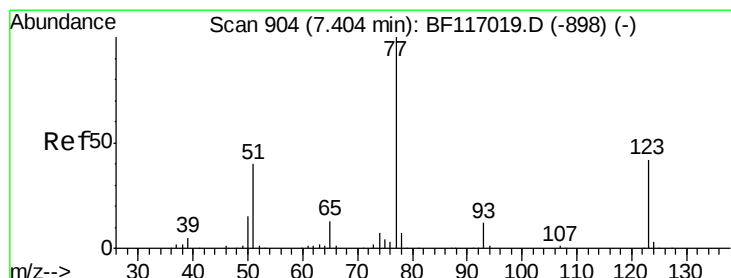
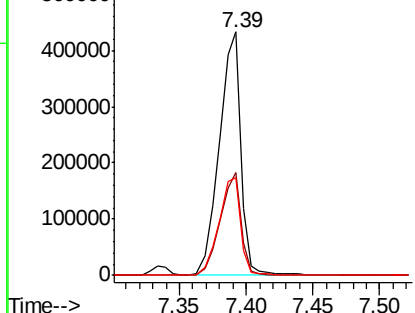
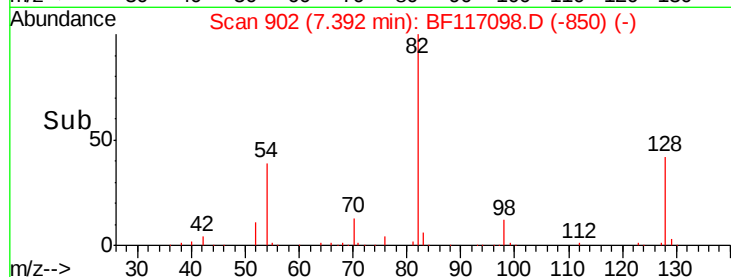
#23
 Nitrobenzene-d5
 Concen: 96.493 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	40.1	33.3	49.9

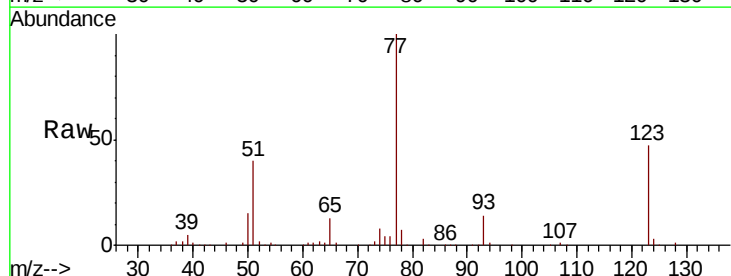


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

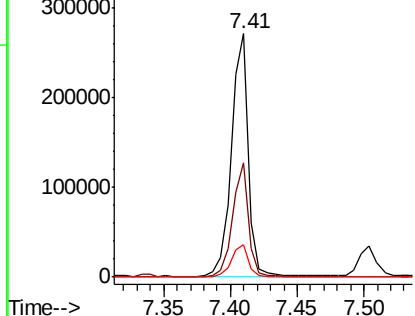
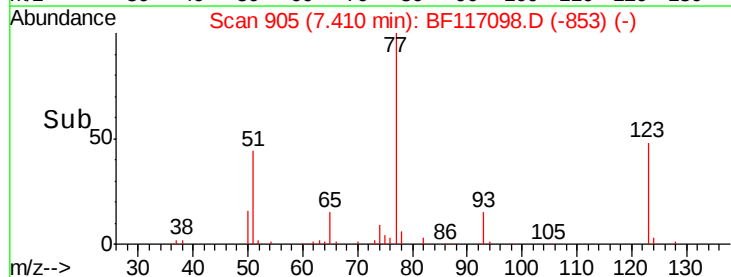


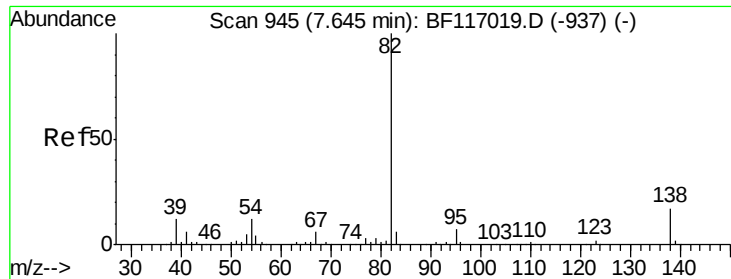
#24
 Nitrobenzene
 Concen: 47.679 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	33.5	50.3
65	13.2	10.5	15.7



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





#25

Isophorone

Concen: 48.226 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

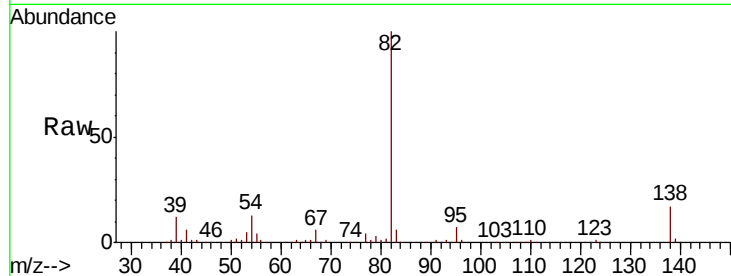
Tot Ion: 82 Resp: 439434

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

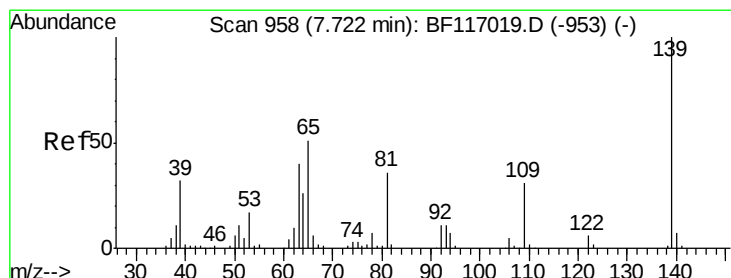
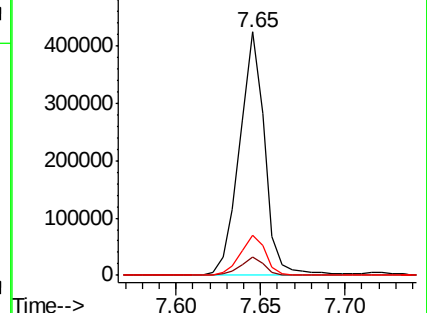
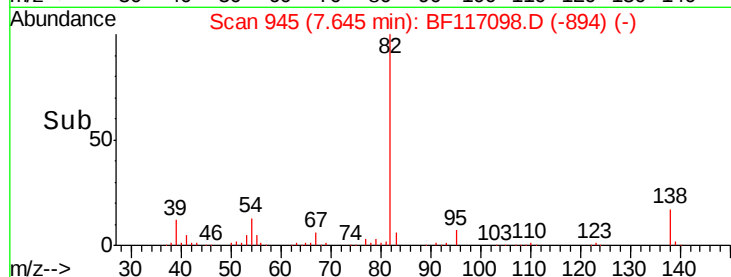
138 16.5 13.5 20.3



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: 51.103 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

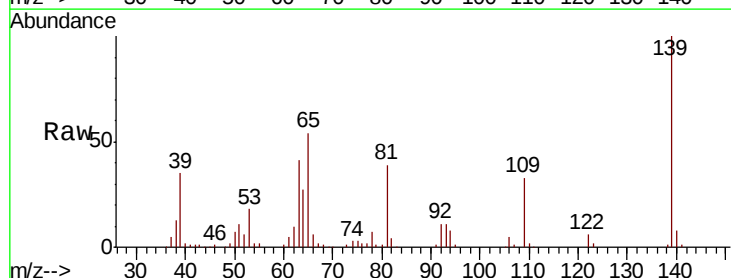
Tgt Ion: 139 Resp: 111557

Ion Ratio Lower Upper

139 100

109 33.3 24.6 36.8

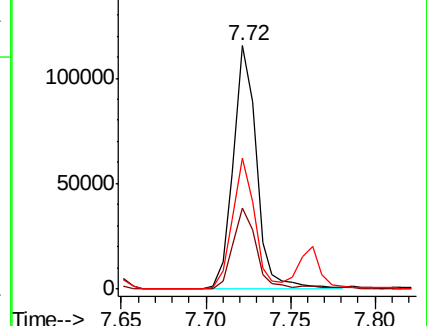
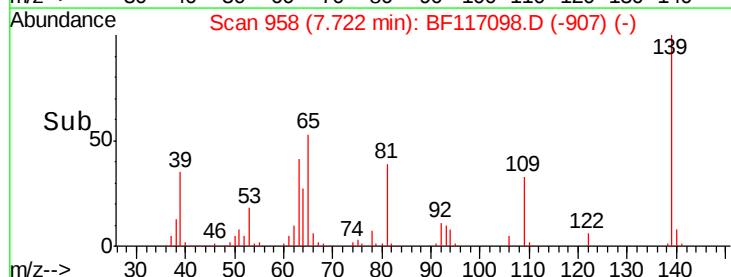
65 53.9 40.9 61.3

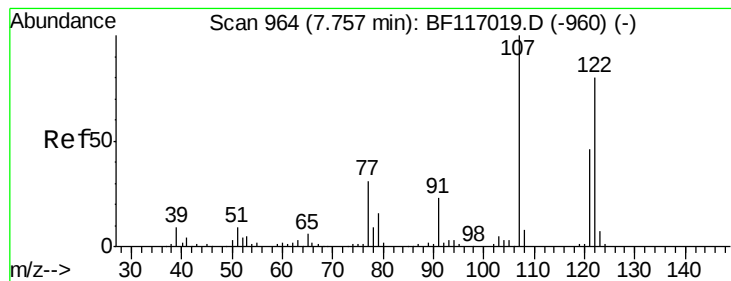


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.701 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

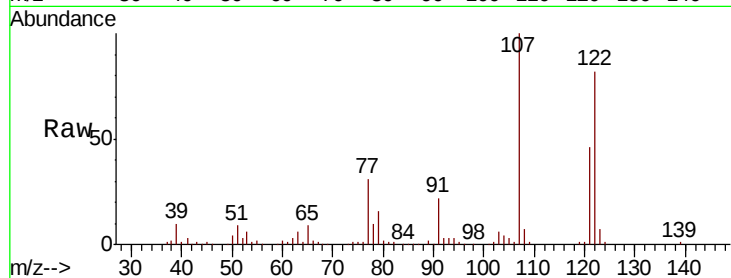
Tot Ion:122 Resp: 168592

Ion Ratio Lower Upper

122 100

107 121.6 98.9 148.3

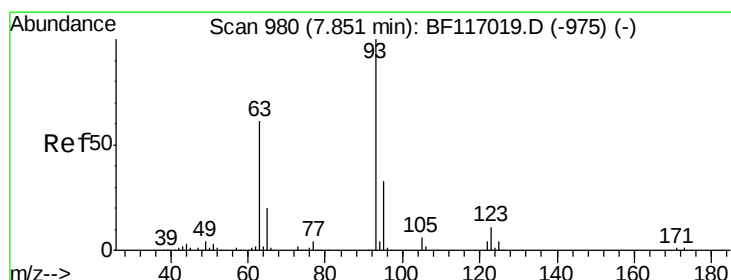
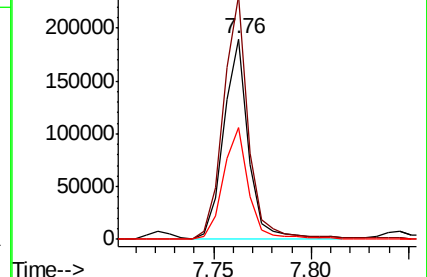
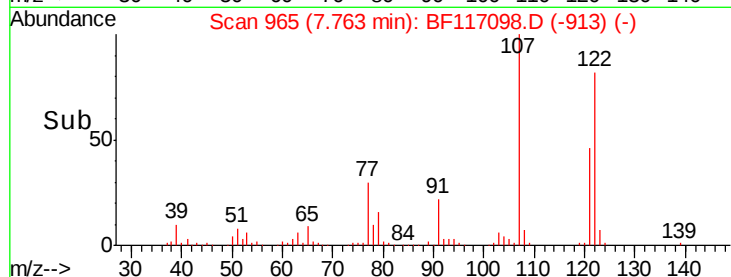
121 56.0 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.284 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

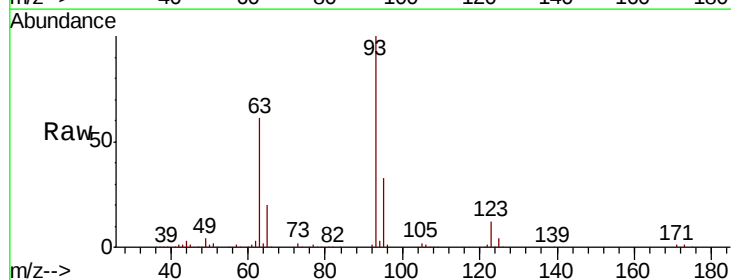
Tgt Ion: 93 Resp: 259839

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

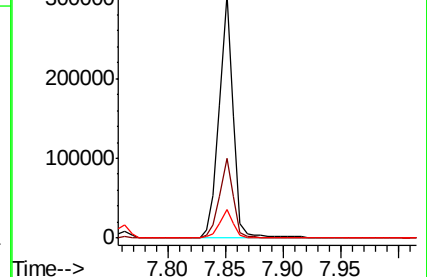
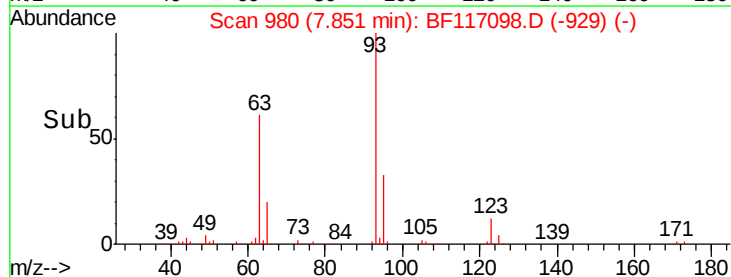
123 11.5 9.0 13.6

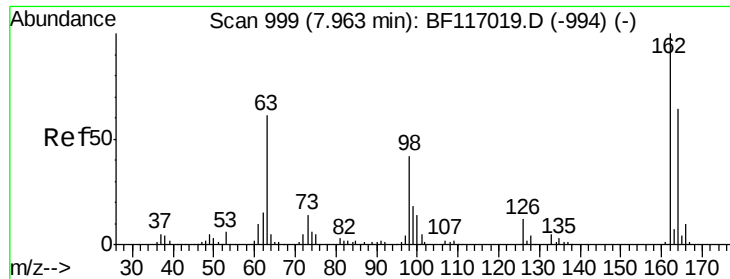


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

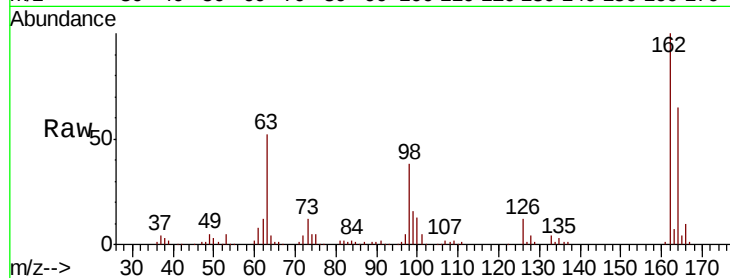




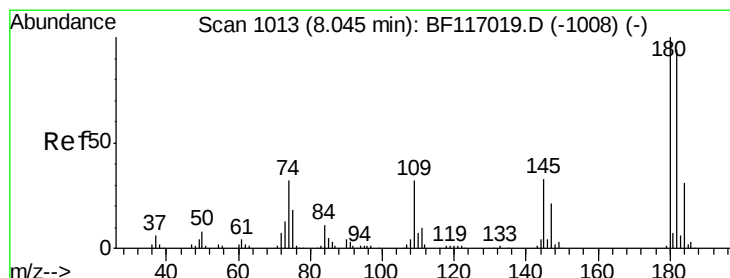
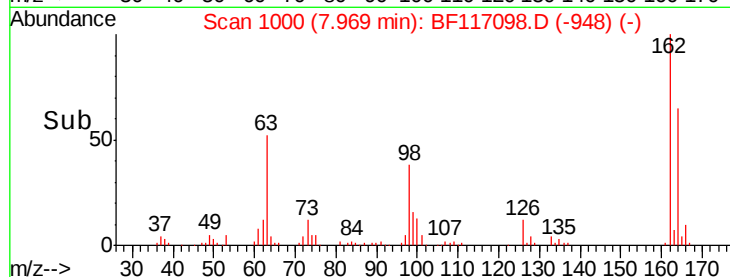
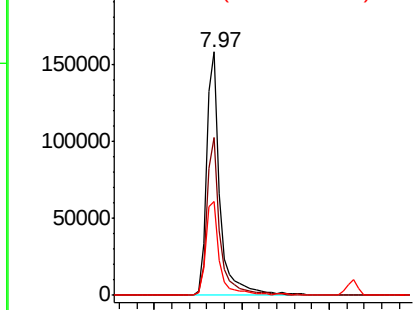
#29
 2,4-Dichlorophenol
 Concen: 46.381 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 168240
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.8 83.8
 98 38.4 22.1 62.1

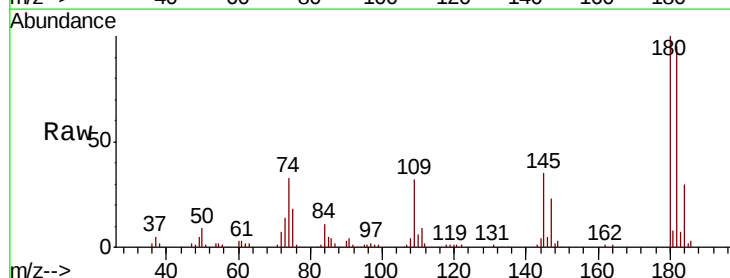


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

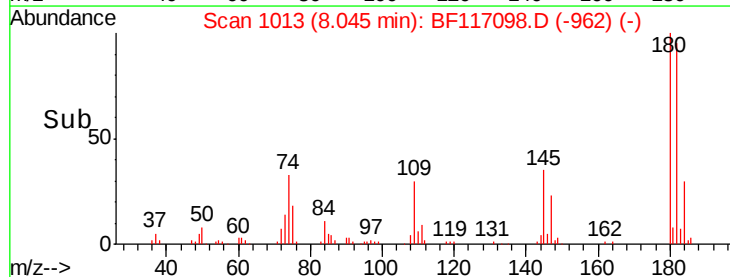
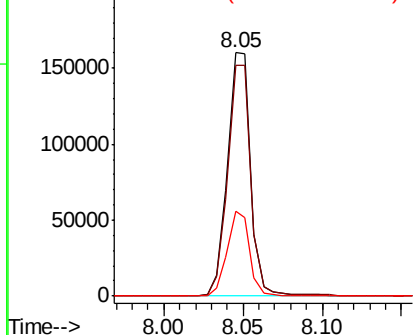


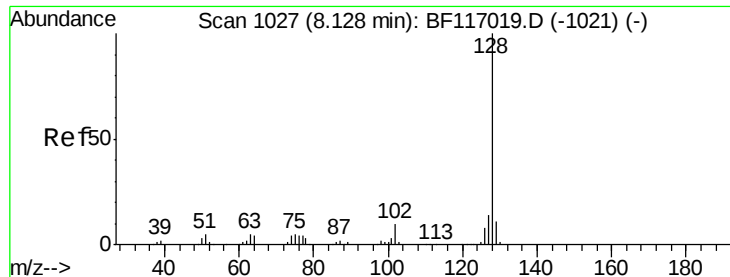
#30
 1,2,4-Trichlorobenzene
 Concen: 41.534 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:180 Resp: 162766
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.0
 145 34.9 26.7 40.1



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

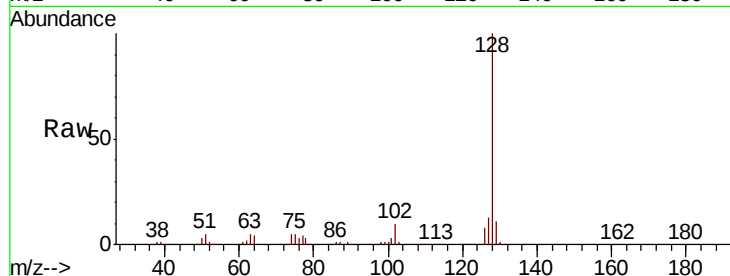




#31
Naphthalene
Concen: 45.635 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.8	16.2

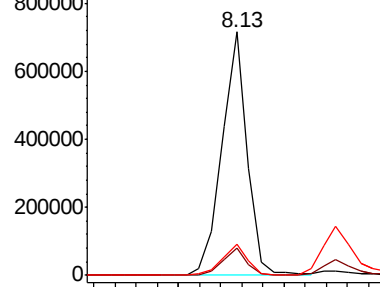


Abundance

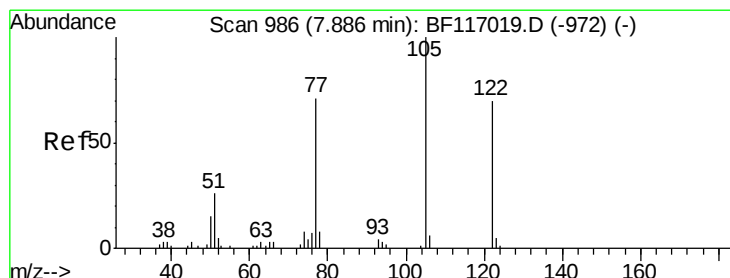
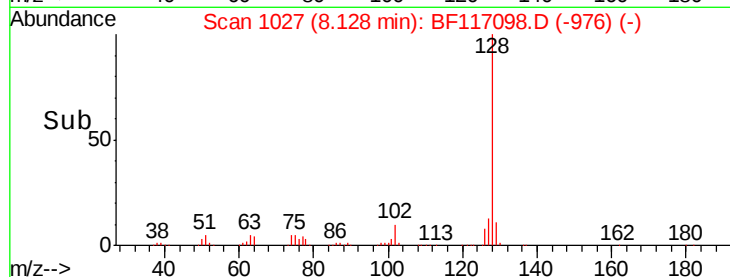
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

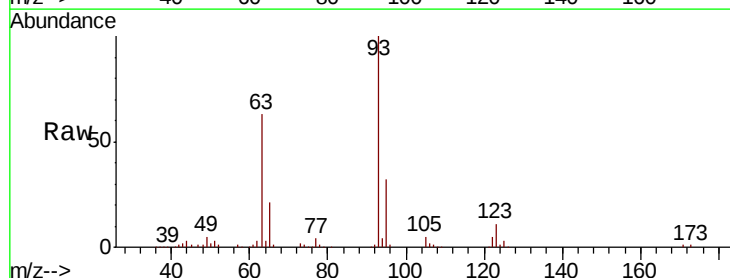


Time-->



#32
Benzoic acid
Concen: 11.194 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.8	114.8	154.8#
77	91.2	78.7	118.7

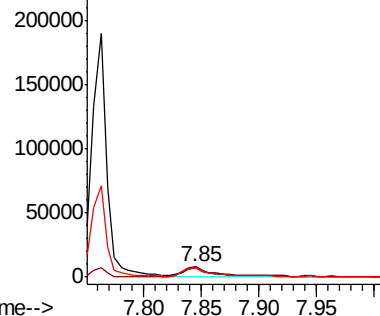


Abundance

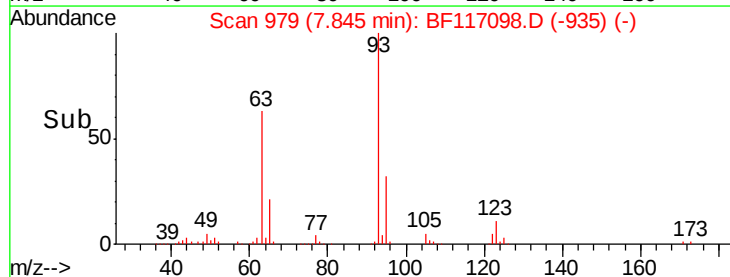
Ion 122.00 (121.70 to 122.70): E

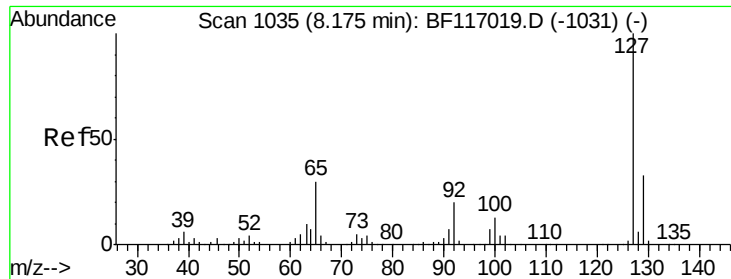
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->

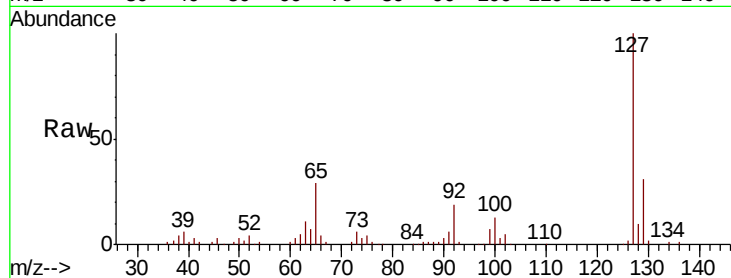




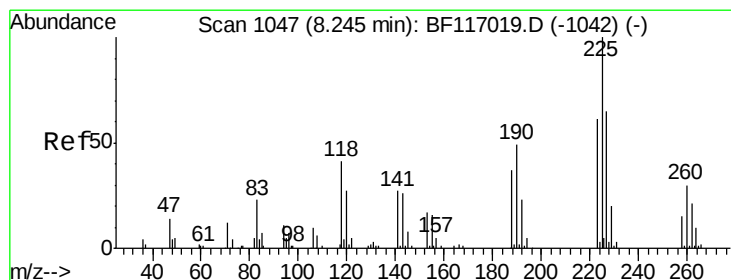
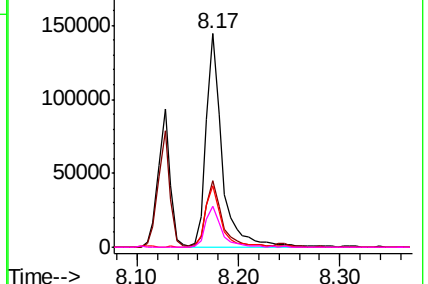
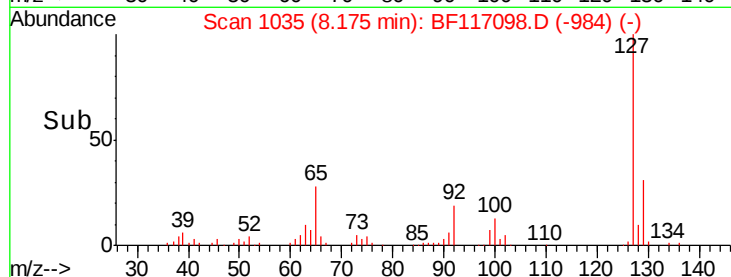
#33
4-Chloroaniline
Concen: 27.329 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	157632
Ion Ratio	Lower	Upper
127	100	
129	31.0	26.2 39.2
65	28.8	23.5 35.3
92	18.9	15.9 23.9

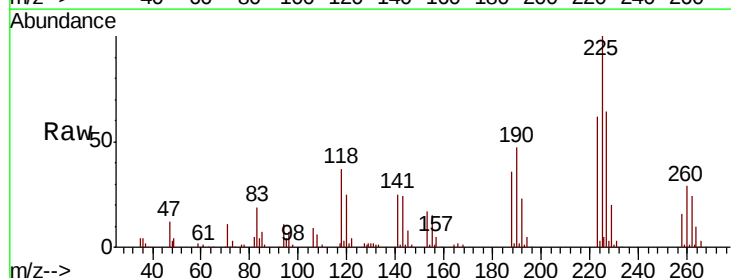


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

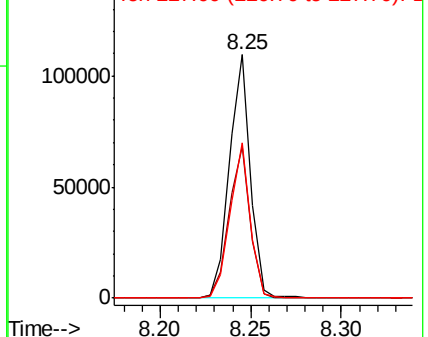
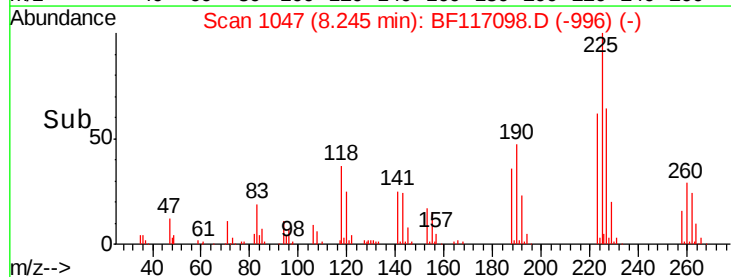


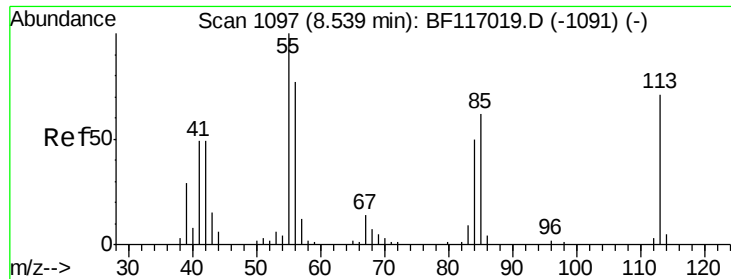
#34
Hexachlorobutadiene
Concen: 39.755 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:225	Resp:	88389
Ion Ratio	Lower	Upper
225	100	
223	62.2	49.1 73.7
227	63.7	52.2 78.2



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

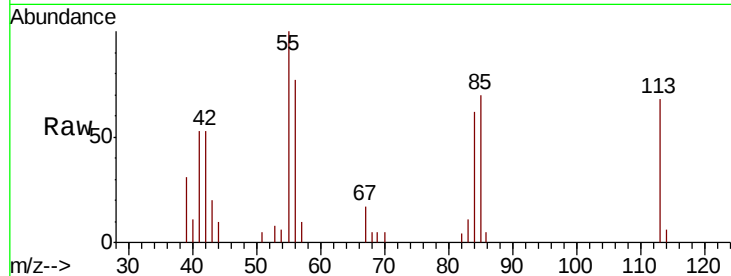




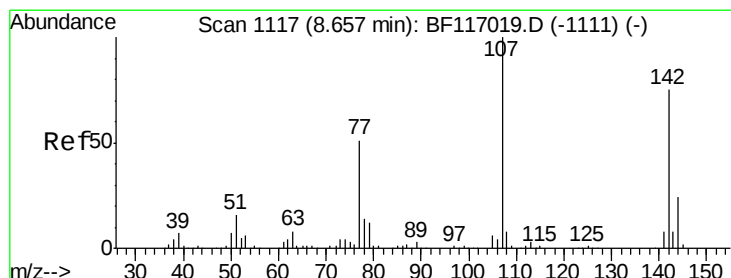
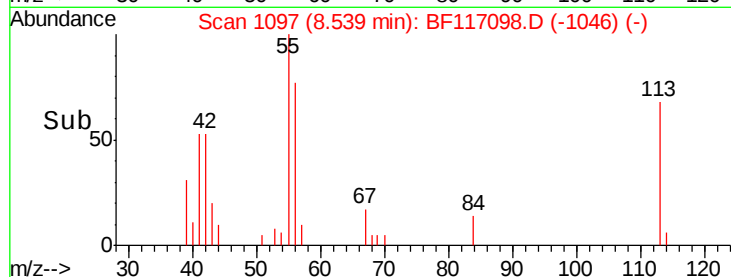
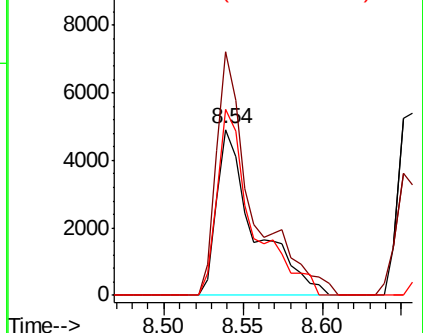
#35
 Caprolactam
 Concen: 6.716 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 8246
 Ion Ratio Lower Upper
 113 100
 55 146.8 120.6 160.6
 56 112.4 88.8 128.8

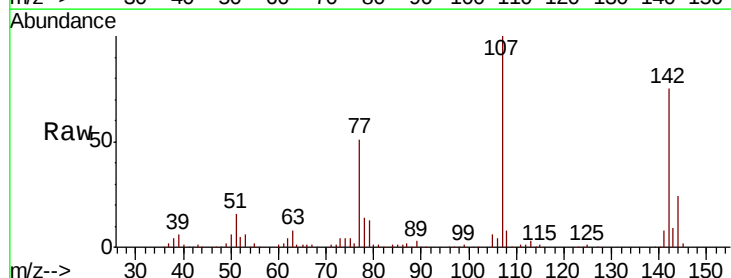


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

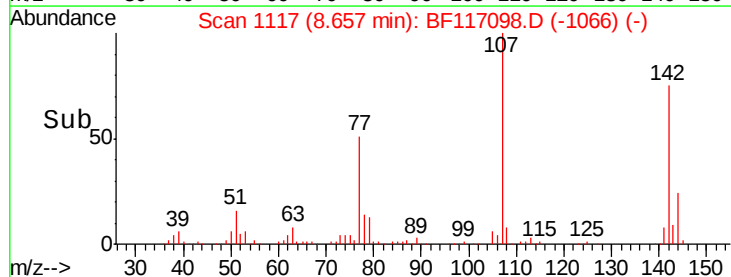
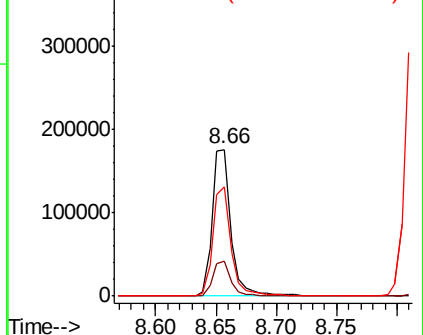


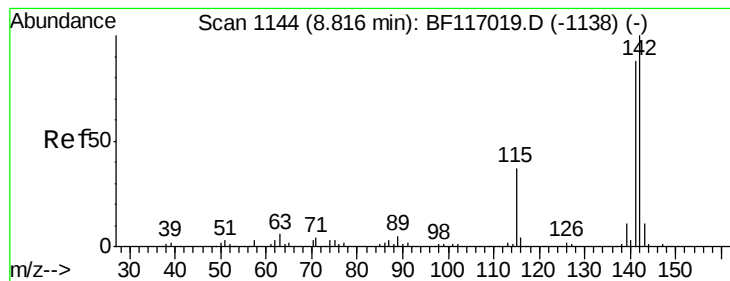
#36
 4-Chloro-3-methylphenol
 Concen: 44.427 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:107 Resp: 187903
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.2 28.8
 142 74.7 59.6 89.4



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

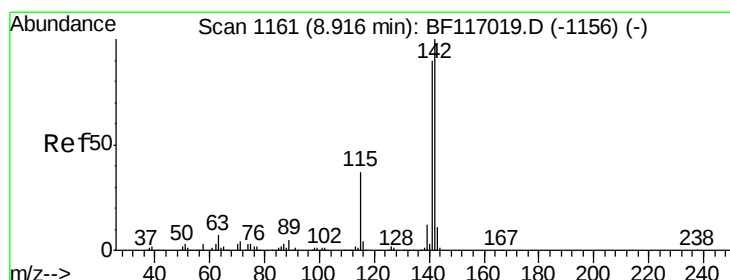
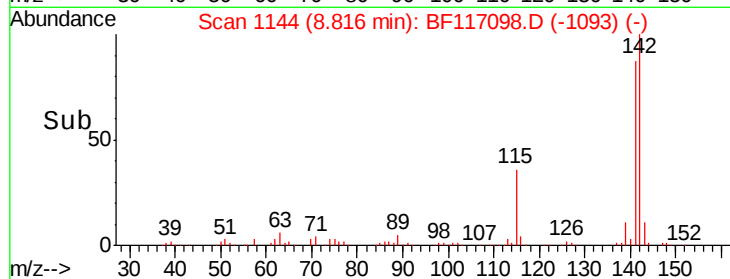
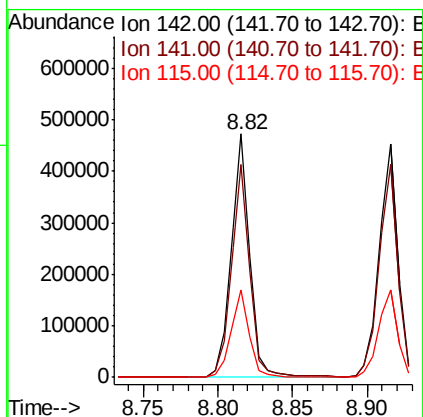
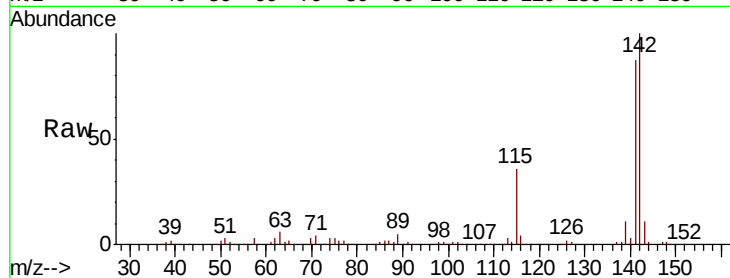




#37
2-Methylnaphthalene
Concen: 47.733 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

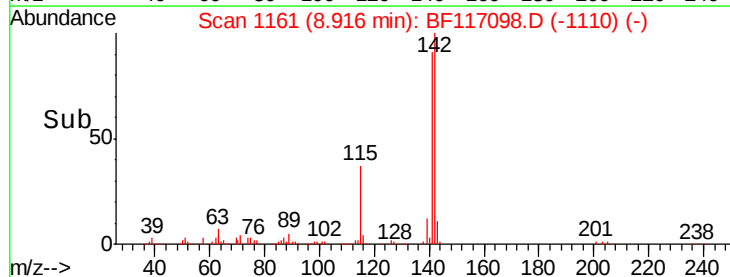
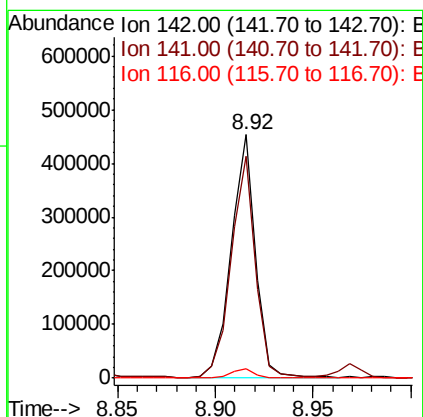
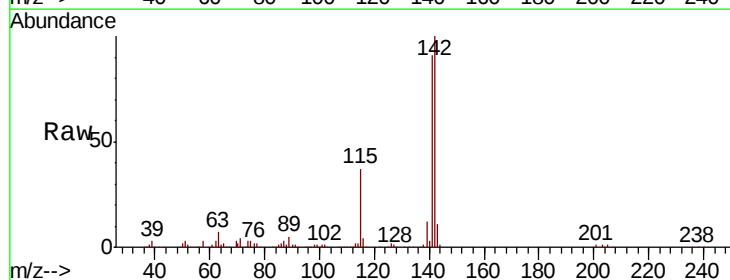
Instrument :
BNA_F
ClientSampleId :

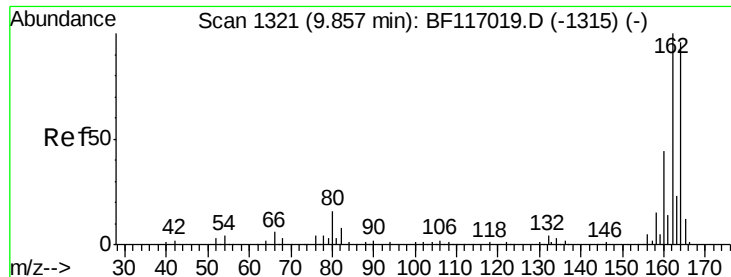
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.7	106.1
115	36.0	29.4	44.0



#38
1-Methylnaphthalene
Concen: 47.251 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.9	107.9
116	3.7	3.2	4.8

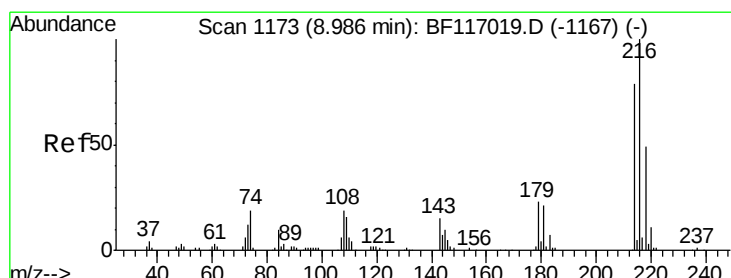
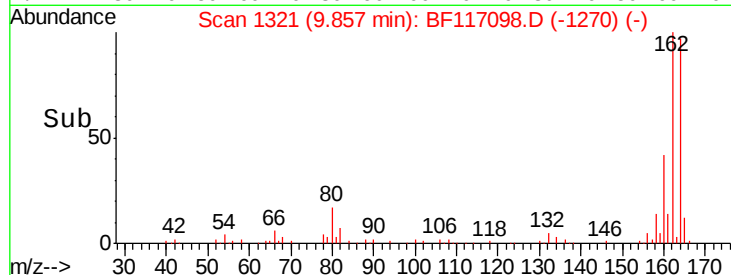
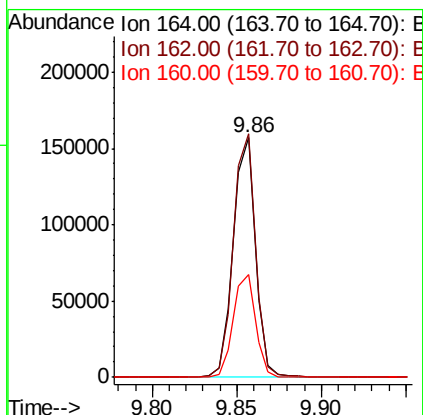
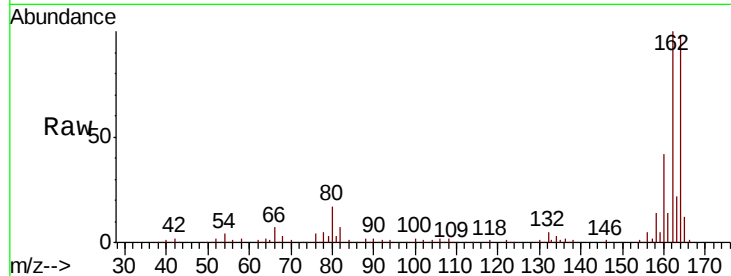




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

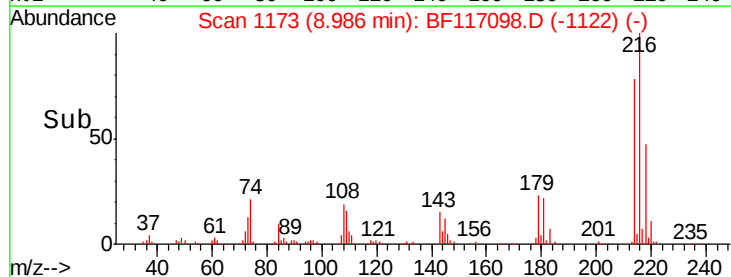
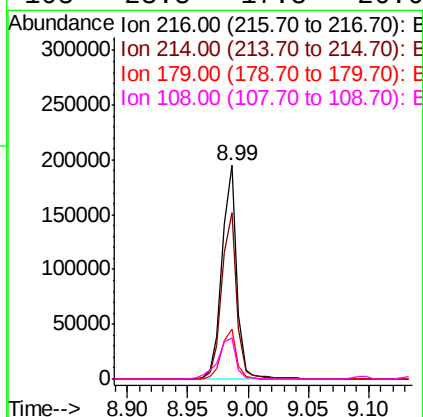
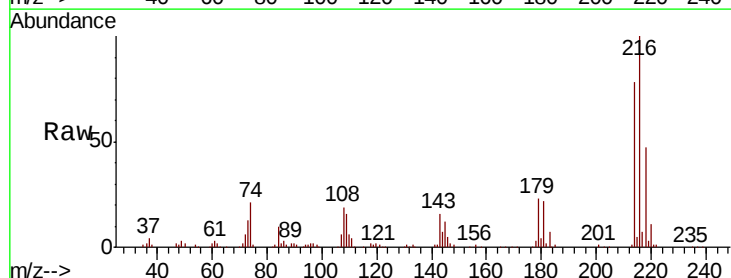
Instrument :
BNA_F
ClientSampleId :

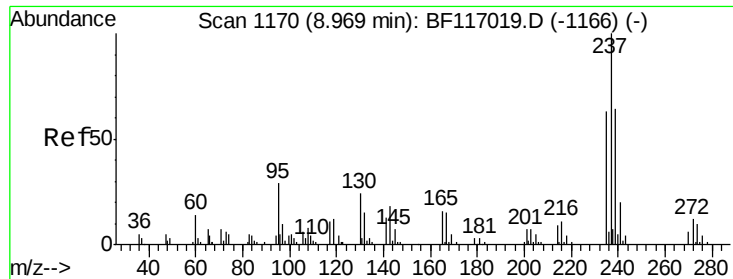
Tot Ion:164 Resp: 143068
Ion Ratio Lower Upper
164 100
162 101.7 83.4 125.2
160 42.7 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.320 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:216 Resp: 163735
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 23.6 18.3 27.5
108 23.8 17.8 26.6





#41

Hexachlorocyclopentadiene

Concen: 79.962 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

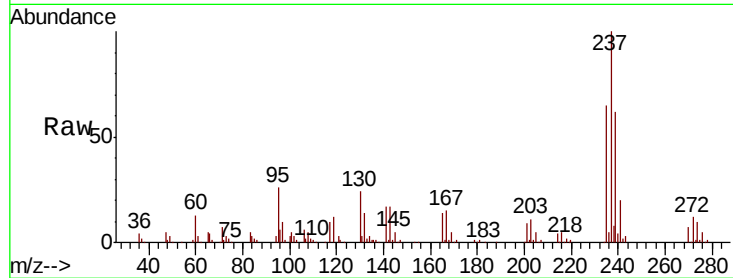
Tot Ion:237 Resp: 130572

Ion Ratio Lower Upper

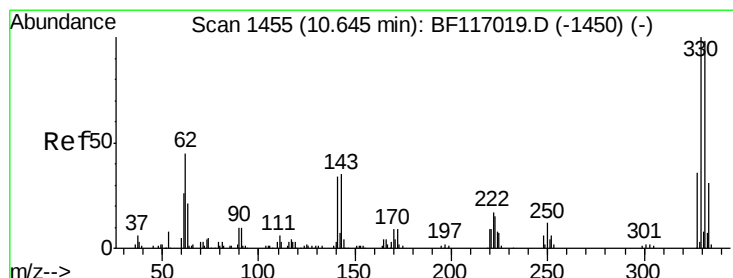
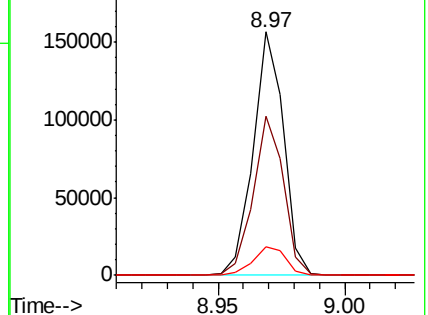
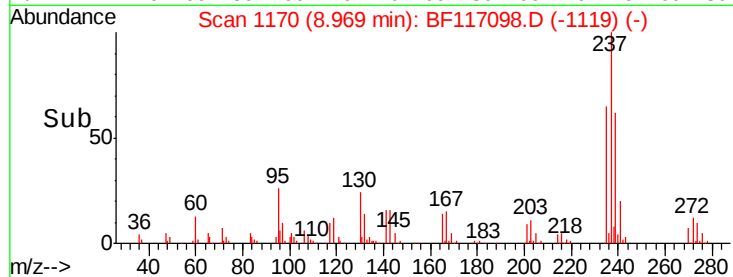
237 100

235 65.3 43.2 83.2

272 11.7 0.0 31.9



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: 142.545 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

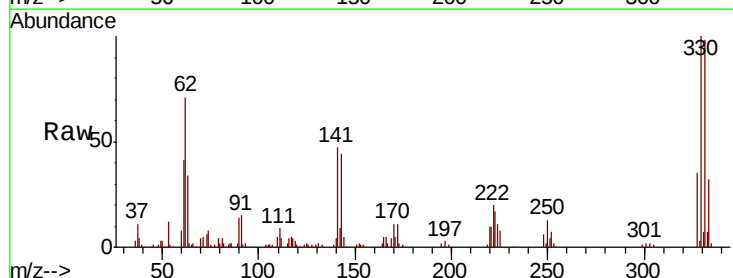
Tgt Ion:330 Resp: 170444

Ion Ratio Lower Upper

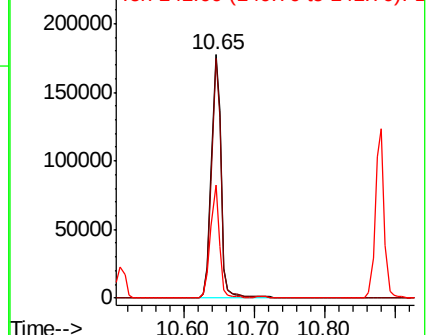
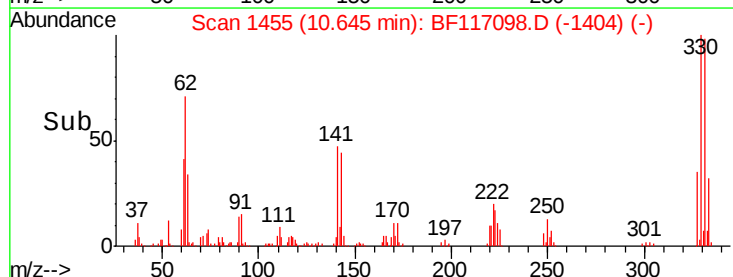
330 100

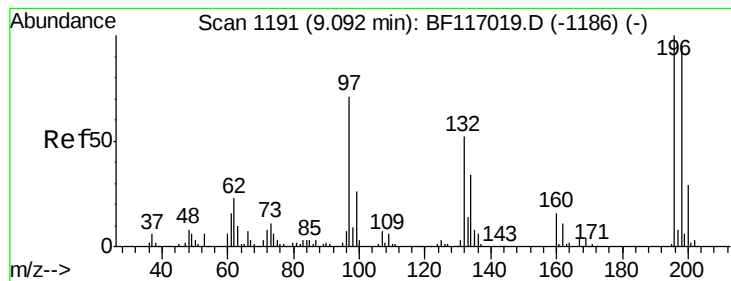
332 95.9 78.0 117.0

141 43.2 35.8 53.6



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: 45.719 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

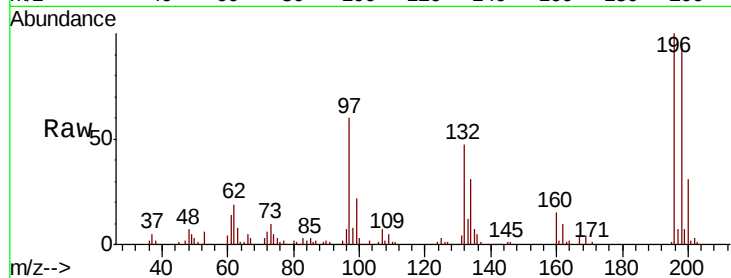
Tot Ion:196 Resp: 114624

Ion Ratio Lower Upper

196 100

198 95.6 75.7 113.5

200 31.4 23.3 34.9

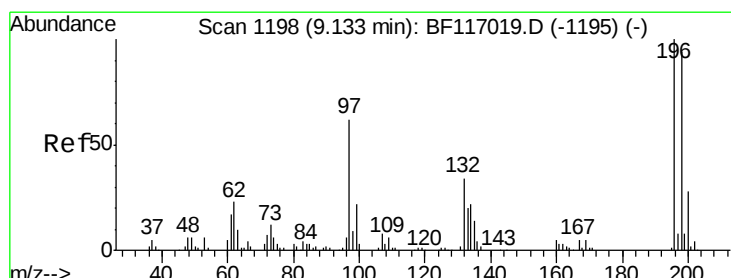
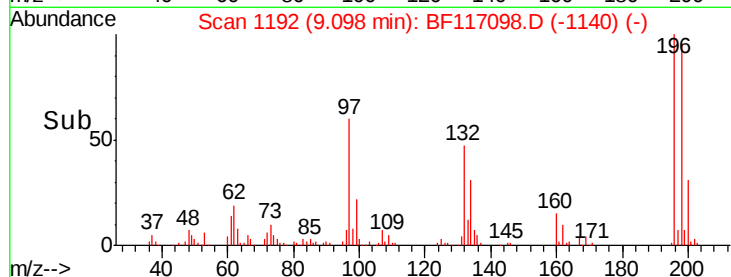
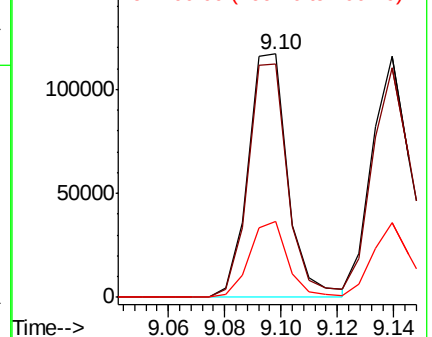


Abundance

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: 45.252 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Tgt Ion:196 Resp: 121215

Ion Ratio Lower Upper

196 100

198 94.9 74.6 112.0

97 58.7 49.5 74.3

132 32.1 27.4 41.2

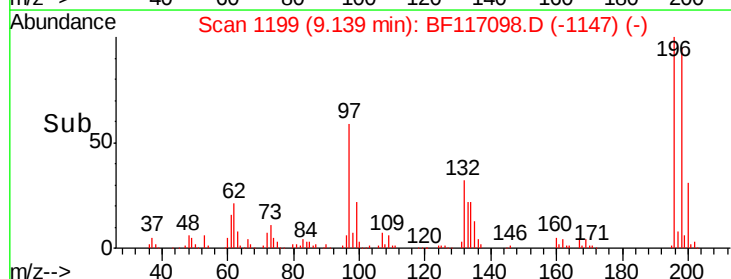
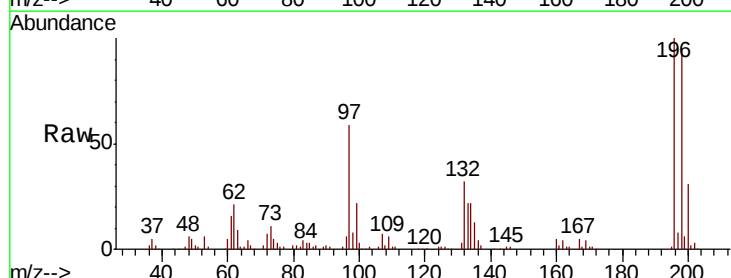
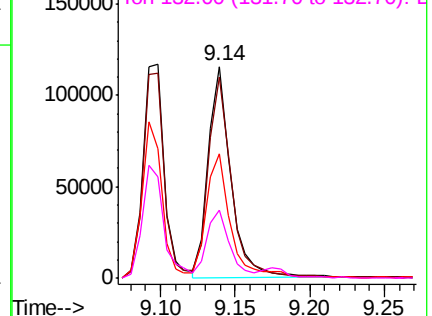
Abundance

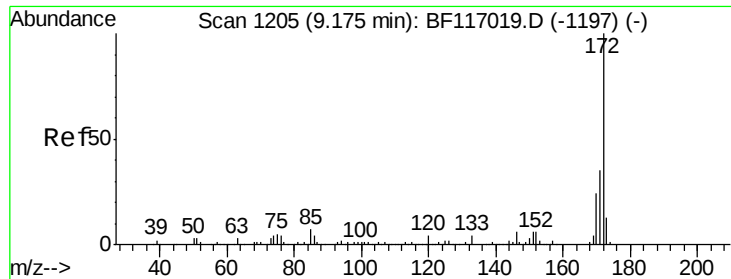
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

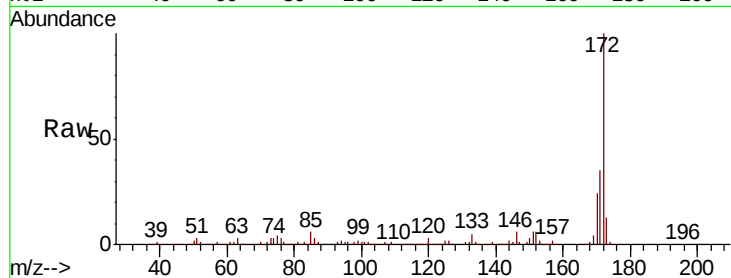




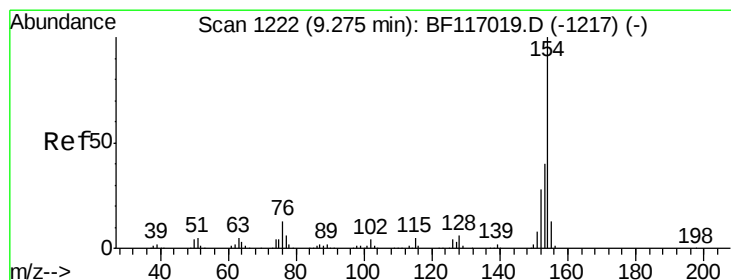
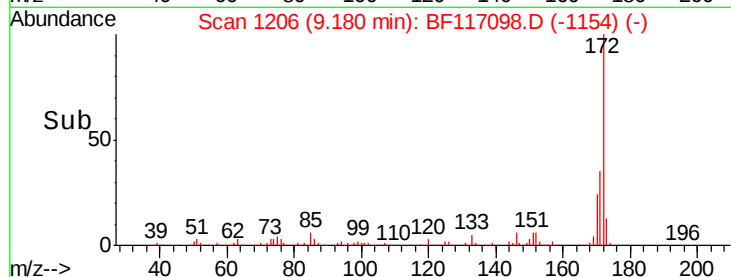
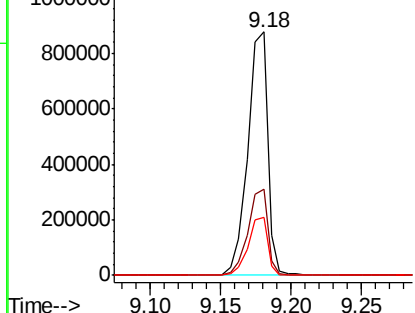
#45
2-Fluorobiphenyl
Concen: 95.855 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 877082
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 18.9 28.3

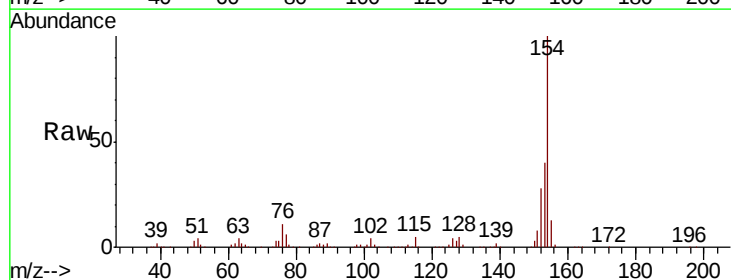


Abundance Ion 172.00 (171.70 to 172.70): E
1200000
Ion 171.00 (170.70 to 171.70): E
1000000
Ion 170.00 (169.70 to 170.70): E
800000
600000
400000
200000
0

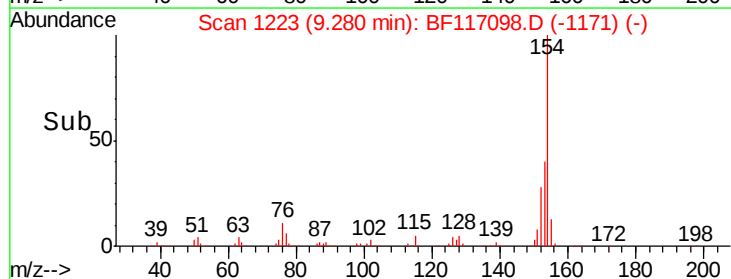
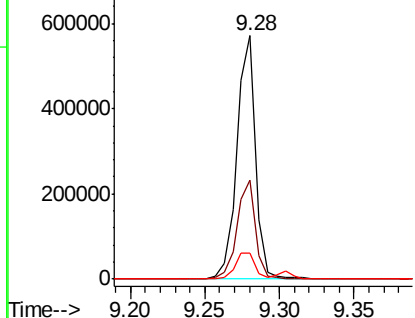


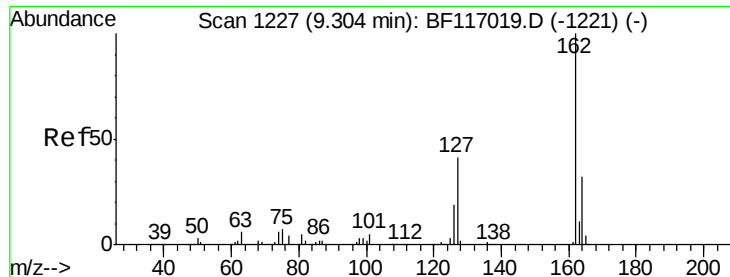
#46
1,1'-Biphenyl
Concen: 44.858 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:154 Resp: 503414
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 10.6 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
800000
Ion 153.00 (152.70 to 153.70): E
600000
Ion 76.00 (75.70 to 76.70): BF1
400000
200000
0

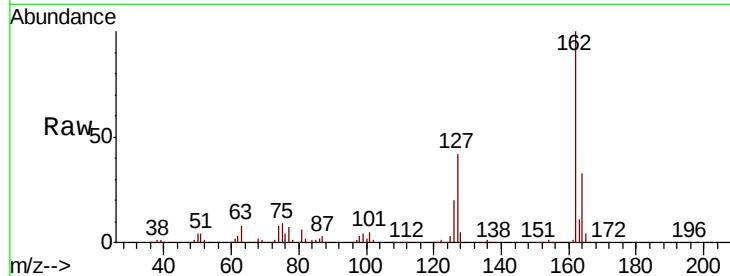




#47
2-Chloronaphthalene
Concen: 44.270 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.1	51.1
164	33.3	25.9	38.9

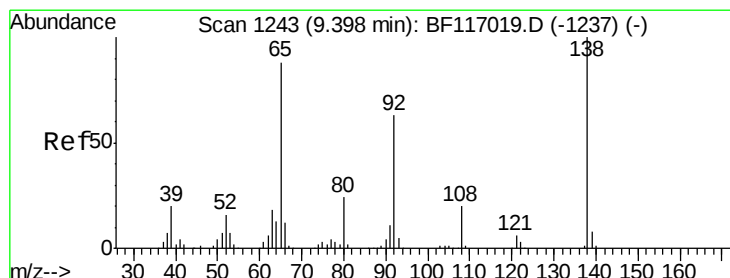
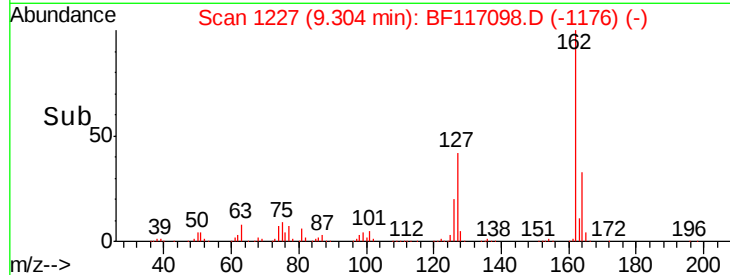
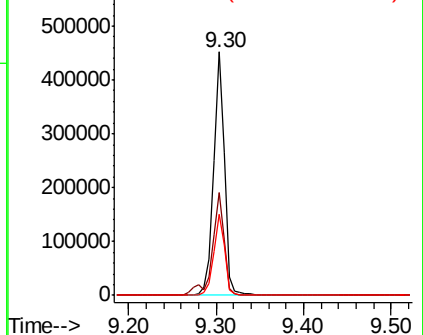


Abundance

Ion 162.00 (161.70 to 162.70): E

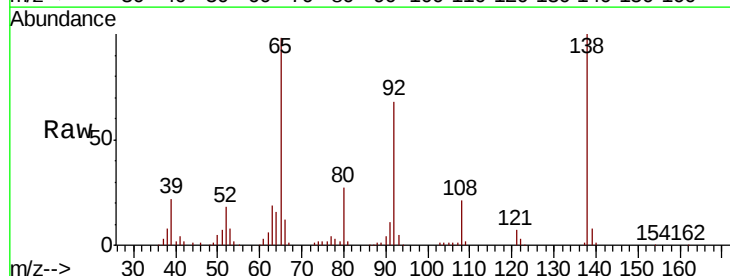
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.835 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	57.5	86.3
138	102.1	90.6	136.0

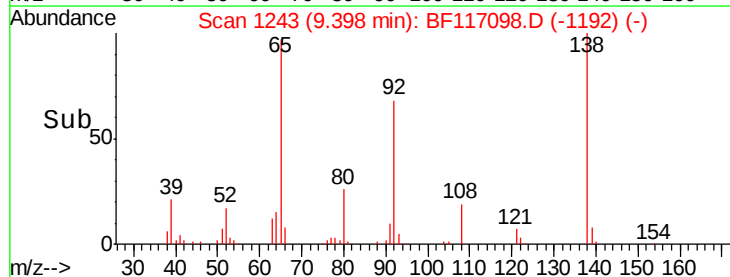
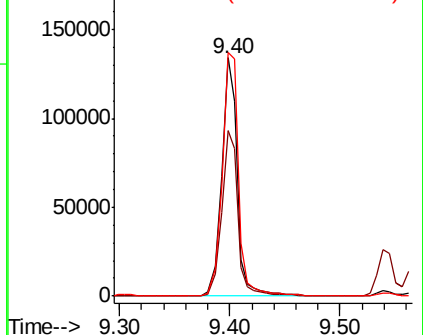


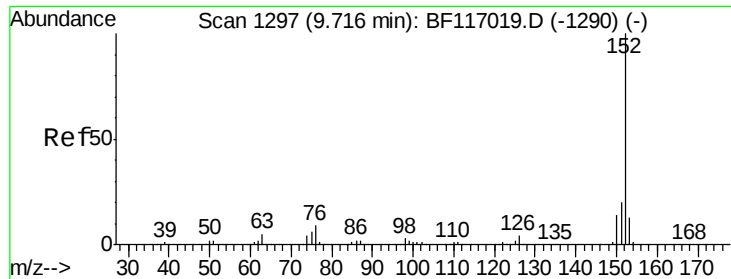
Abundance

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: 46.982 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

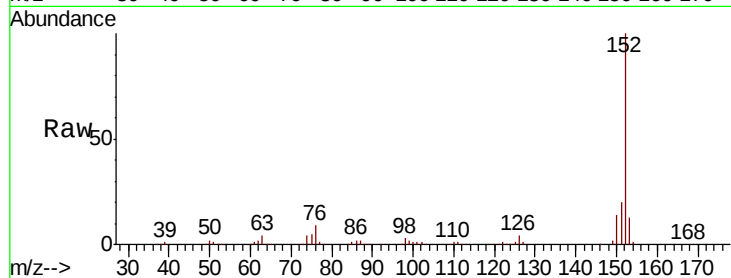
Tot Ion:152 Resp: 623348

Ion Ratio Lower Upper

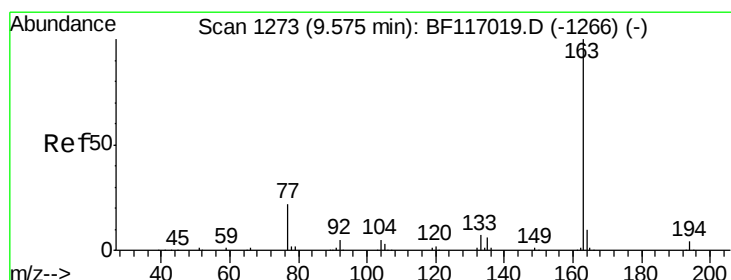
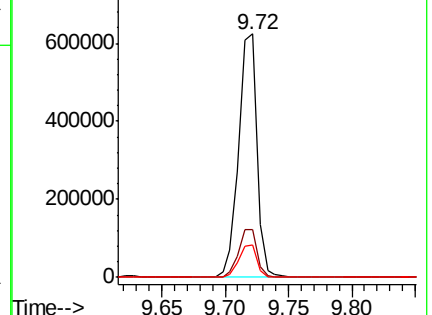
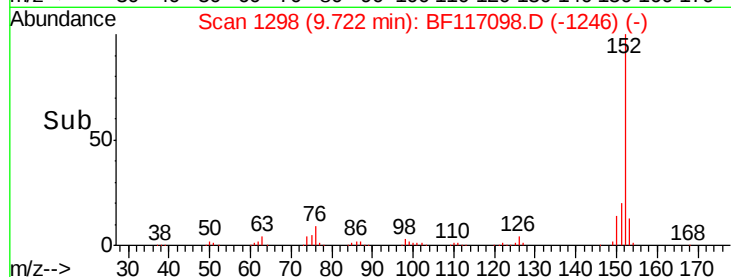
152 100

151 19.8 16.2 24.2

153 13.1 10.2 15.4



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: 48.717 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

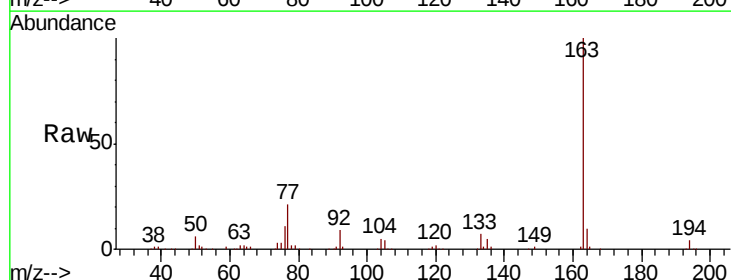
Tgt Ion:163 Resp: 493496

Ion Ratio Lower Upper

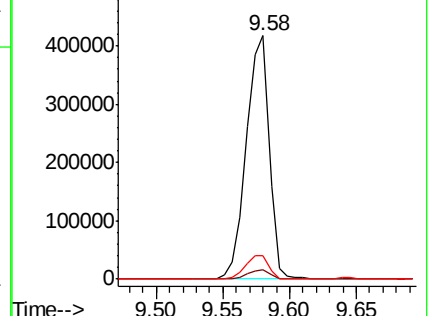
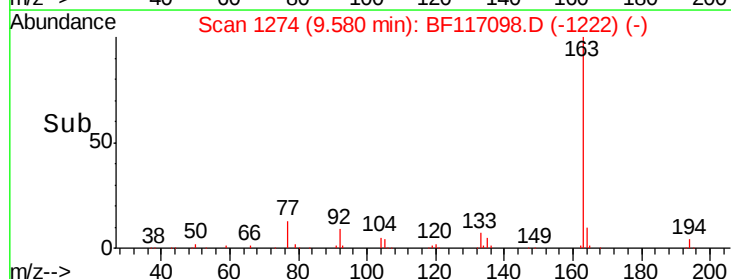
163 100

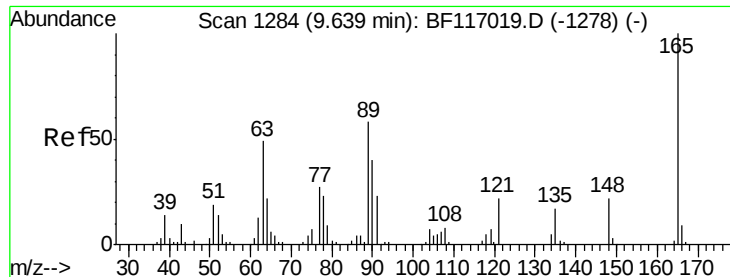
194 3.6 2.9 4.3

164 9.8 8.2 12.4



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

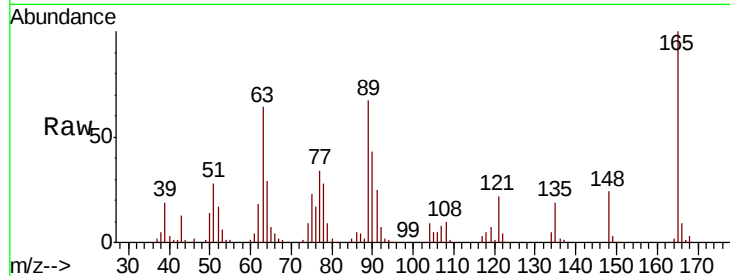




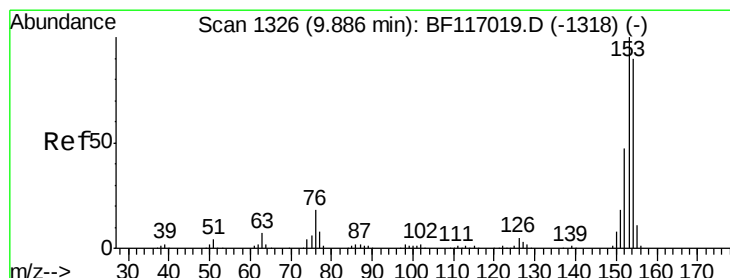
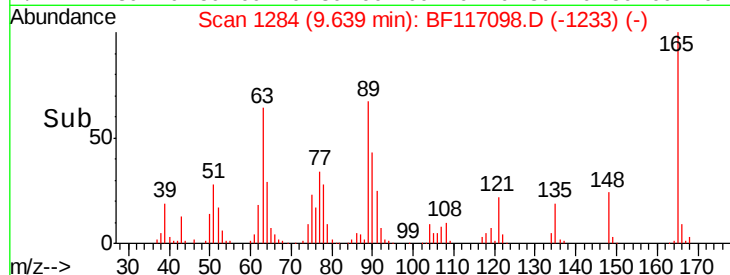
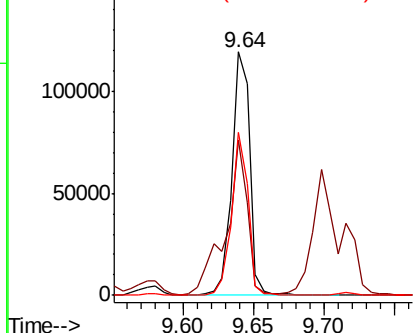
#51
 2,6-Dinitrotoluene
 Concen: 50.736 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 104676
 Ion Ratio Lower Upper
 165 100
 63 63.8 41.8 62.8#
 89 67.0 46.5 69.7

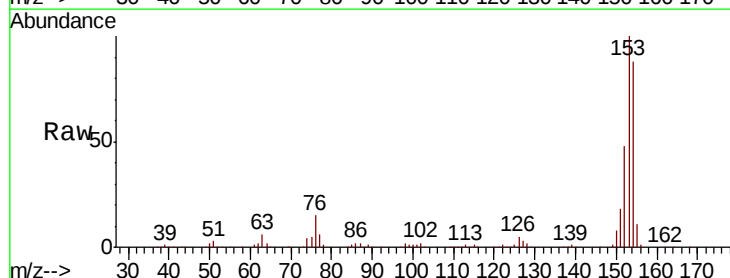


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

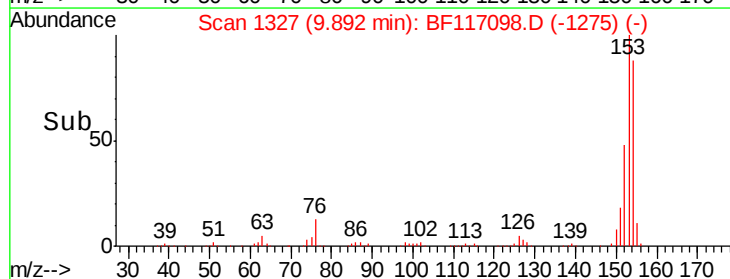
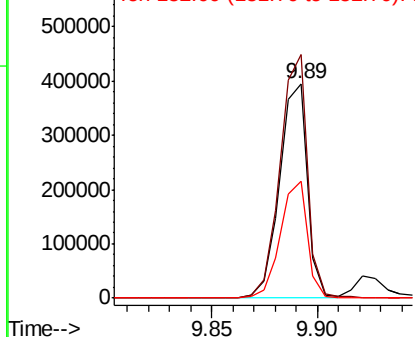


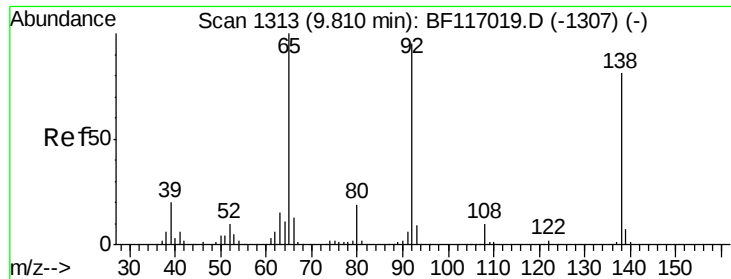
#52
 Acenaphthene
 Concen: 46.188 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:154 Resp: 363268
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.0 133.6
 152 54.3 41.9 62.9



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

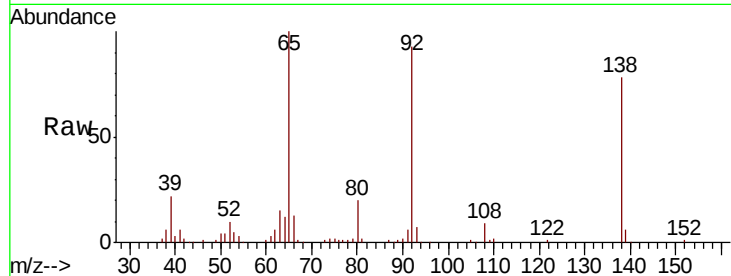




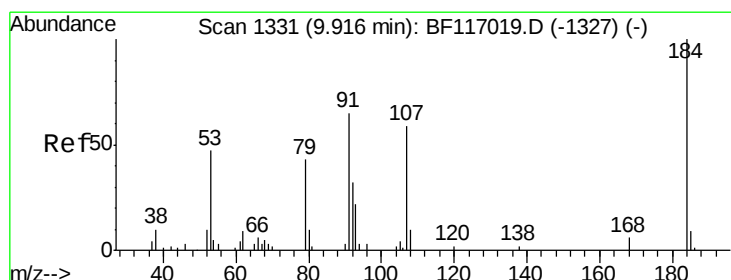
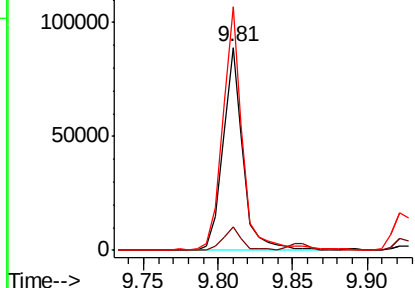
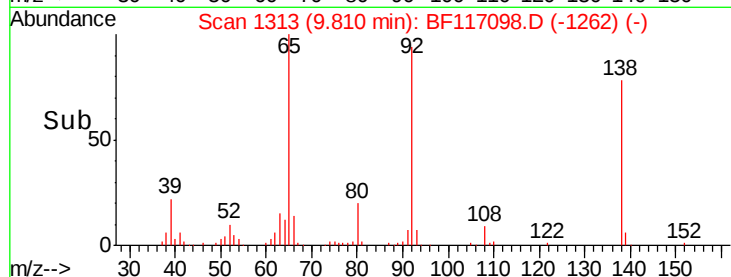
#53
3-Nitroaniline
Concen: 32.185 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 83780
Ion Ratio Lower Upper
138 100
108 11.3 9.5 14.3
92 120.1 94.1 141.1

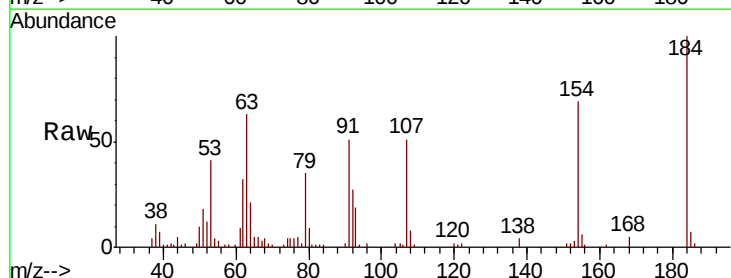


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

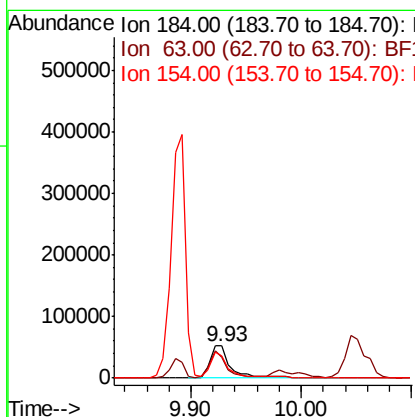
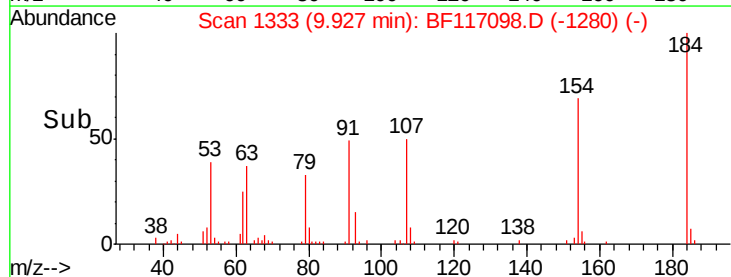


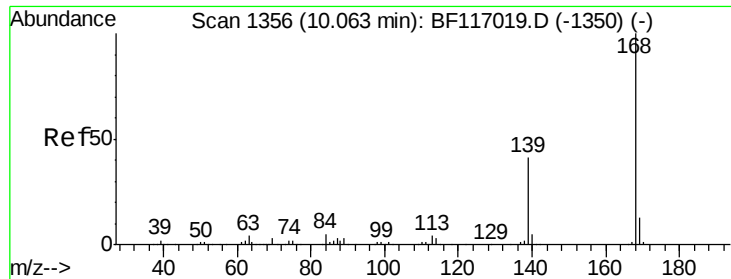
#54
2,4-Dinitrophenol
Concen: 76.005 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:184 Resp: 67248
Ion Ratio Lower Upper
184 100
63 63.4 63.8 95.6#
154 69.2 60.4 90.6



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





#55

Dibenzenofuran

Concen: 47.708 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

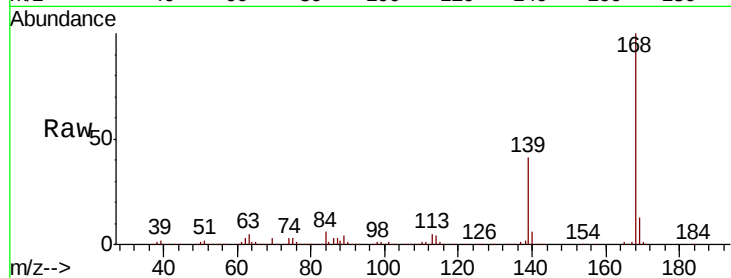
Tot Ion:168 Resp: 553615

Ion Ratio Lower Upper

168 100

139 41.0 32.8 49.2

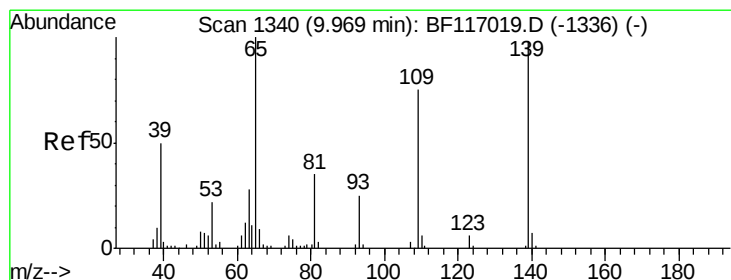
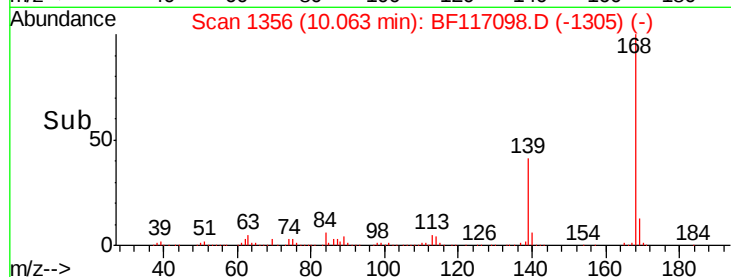
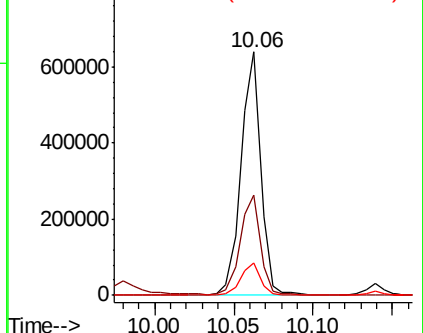
169 13.1 10.5 15.7



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: 28.732 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

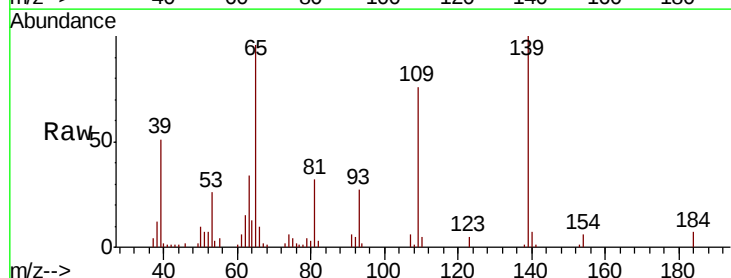
Tgt Ion:139 Resp: 48473

Ion Ratio Lower Upper

139 100

109 75.9 56.4 96.4

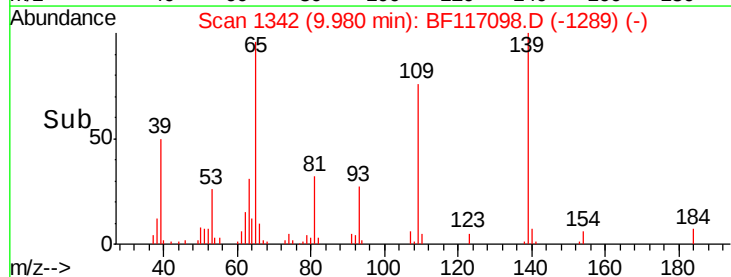
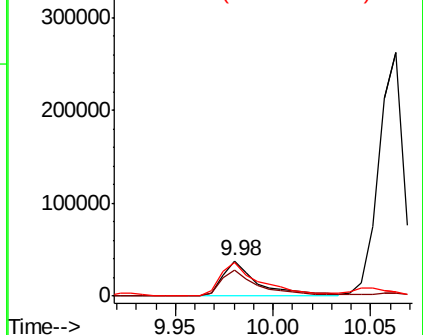
65 96.5 82.5 122.5

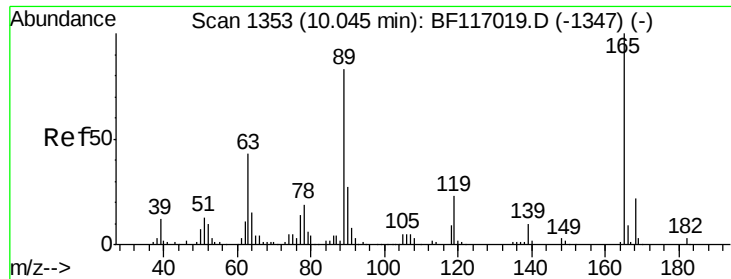


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 52.487 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 140565

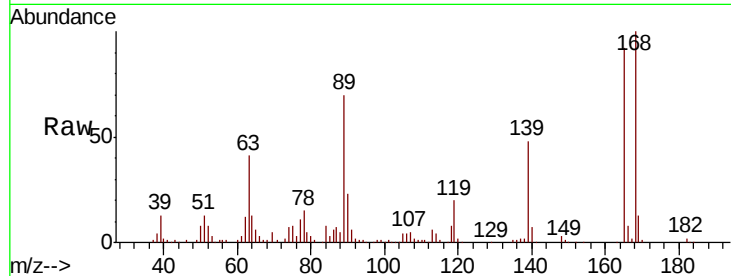
Ion Ratio Lower Upper

165 100

63 44.2 35.0 52.4

89 75.9 66.1 99.1

182 2.6 2.0 3.0

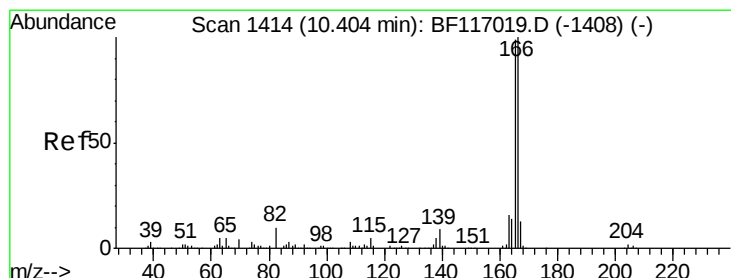
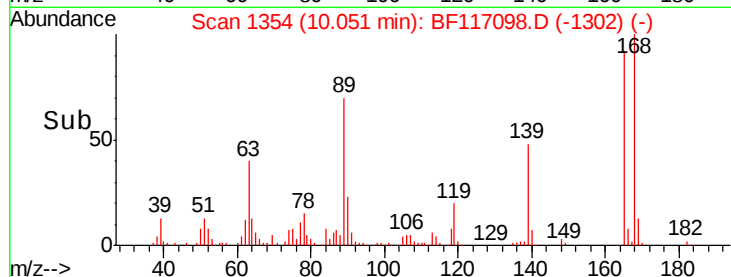
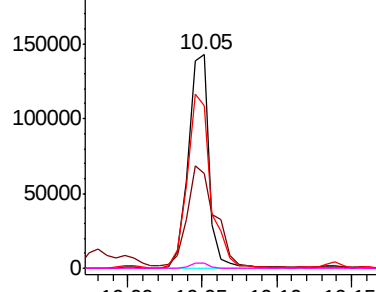


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.158 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

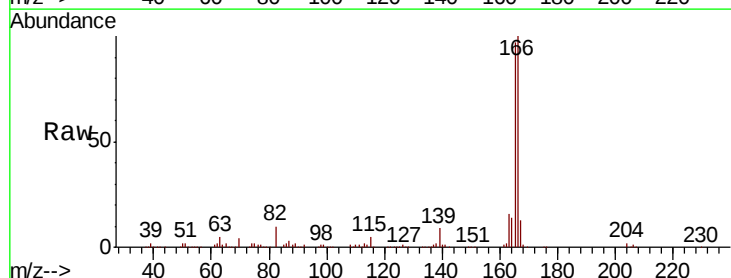
Tgt Ion:166 Resp: 450160

Ion Ratio Lower Upper

166 100

165 96.9 78.9 118.3

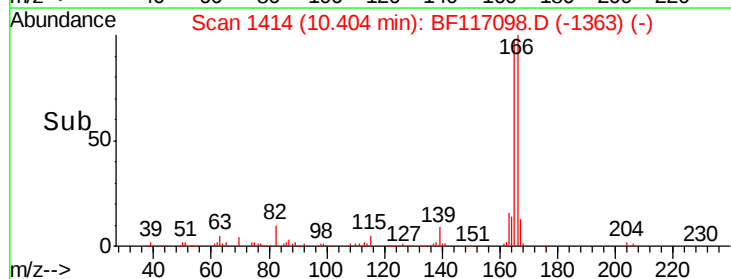
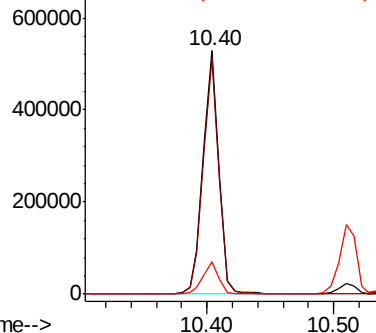
167 13.2 10.6 15.8

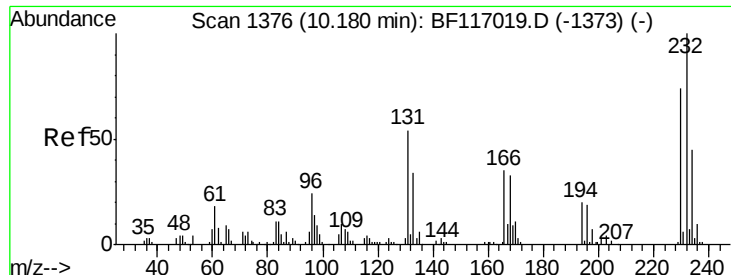


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

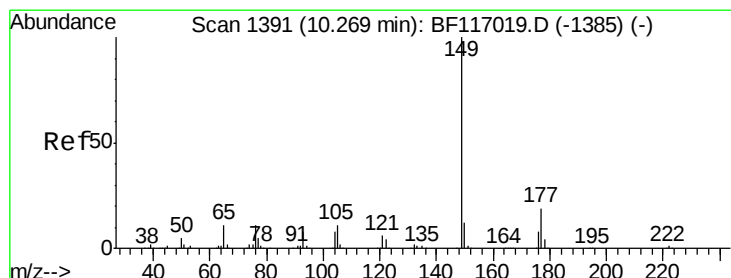
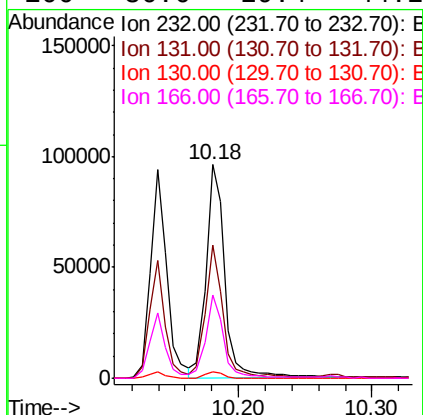
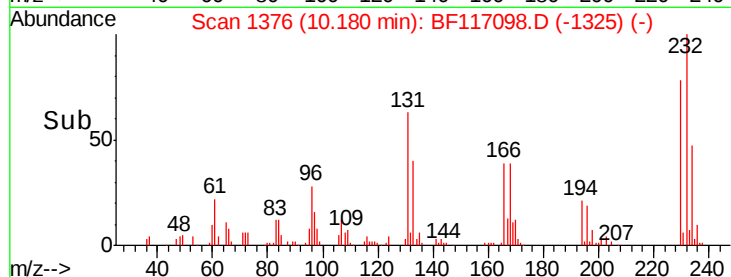
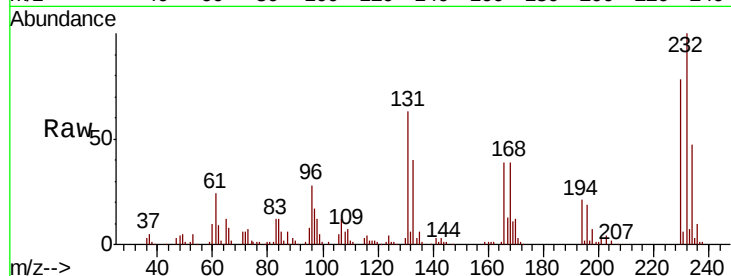




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.414 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

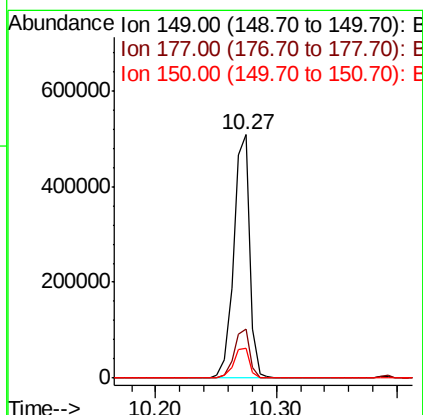
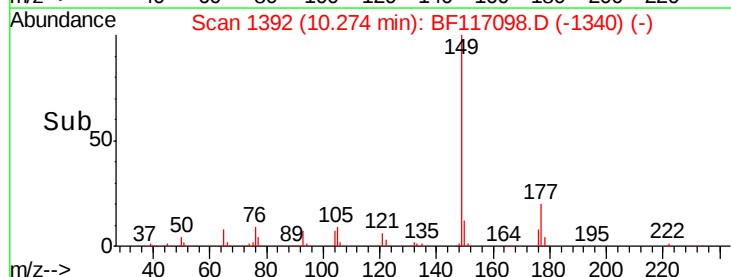
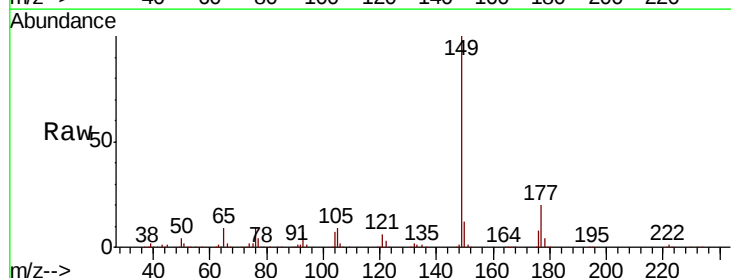
Instrument :
 BNA_F
 ClientSampled :

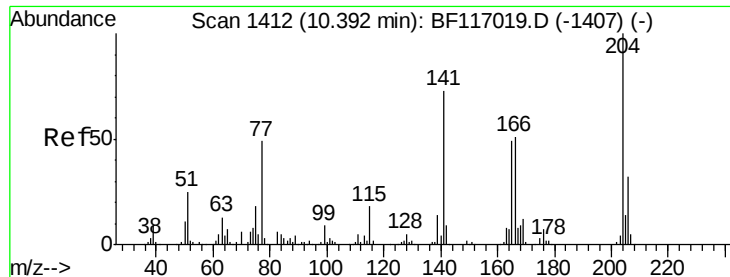
Tot Ion:232 Resp: 93090
 Ion Ratio Lower Upper
 232 100
 131 60.7 45.3 67.9
 130 2.6 1.8 2.8
 166 36.6 29.4 44.2



#60
 Diethylphthalate
 Concen: 47.196 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:149 Resp: 470355
 Ion Ratio Lower Upper
 149 100
 177 19.9 15.2 22.8
 150 12.2 9.9 14.9

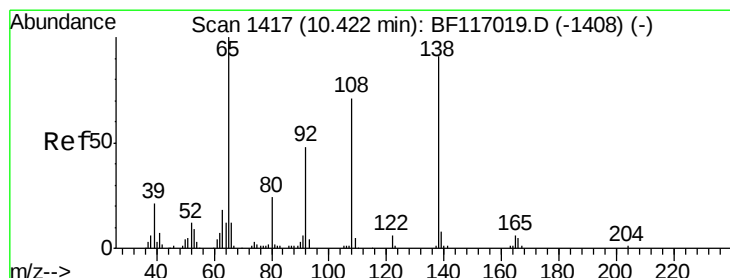
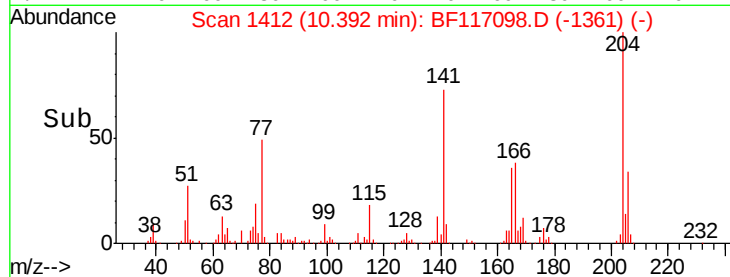
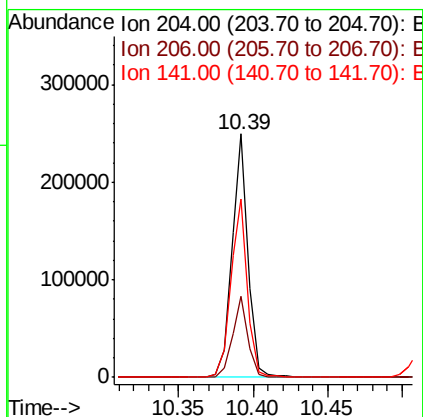
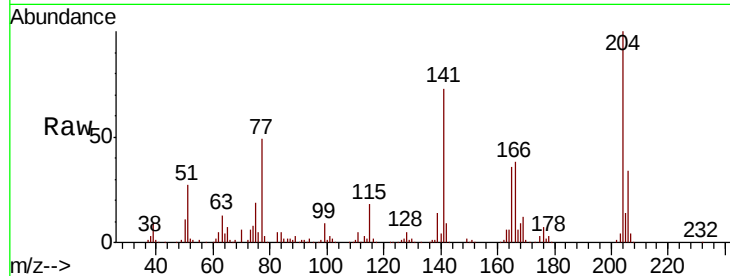




#61
 4-Chlorophenyl-phenylether
 Concen: 46.850 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

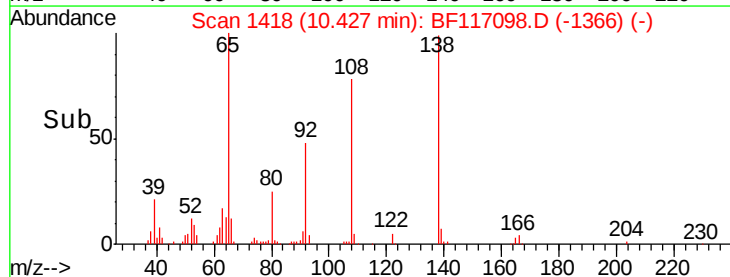
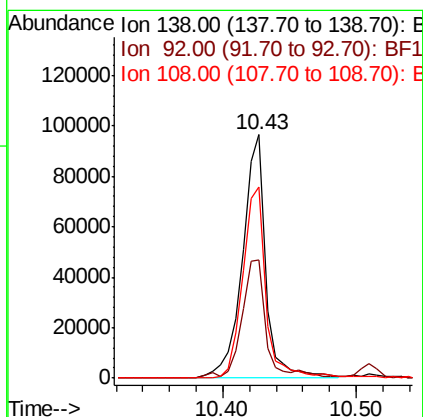
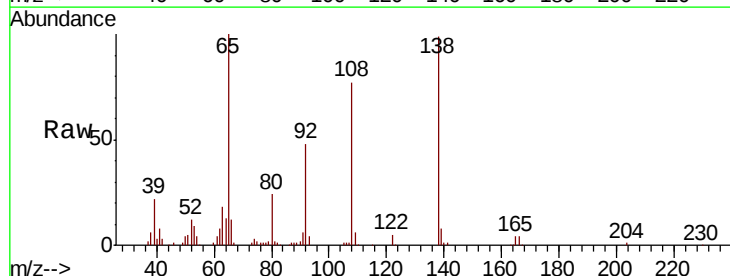
Instrument :
 BNA_F
 ClientSampleId :

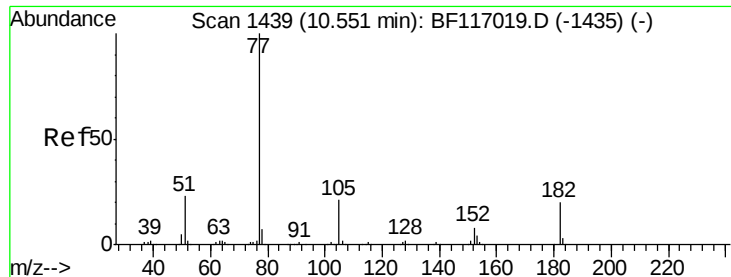
Tot Ion:204 Resp: 189479
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.0 39.0
 141 73.0 58.2 87.2



#62
 4-Nitroaniline
 Concen: 43.059 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:138 Resp: 116564
 Ion Ratio Lower Upper
 138 100
 92 48.7 32.9 72.9
 108 78.6 58.3 98.3

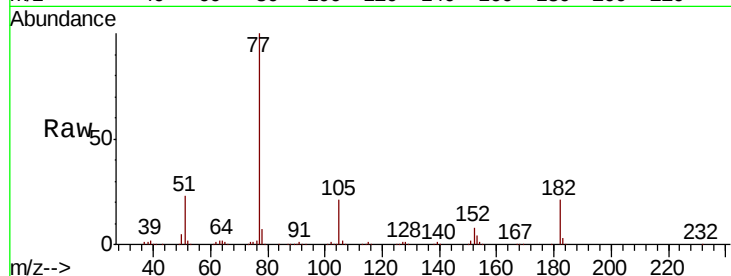




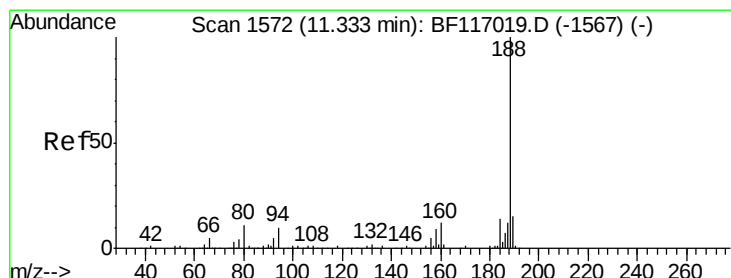
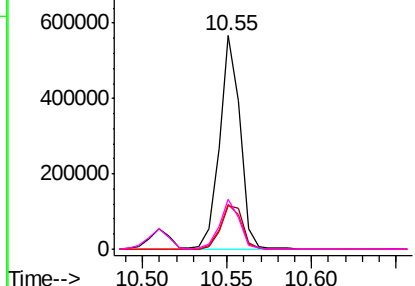
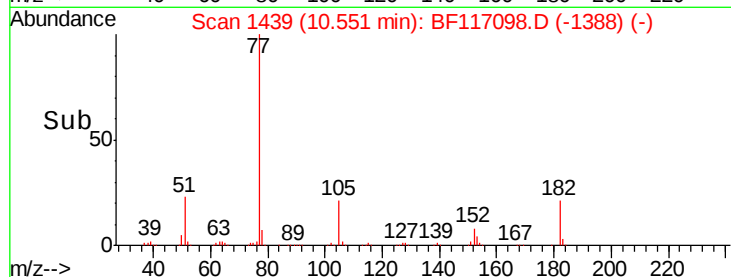
#63
Azobenzene
Concen: 47.257 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	481017
Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.4	40.4
105	21.2	0.9	40.9
51	23.4	2.8	42.8

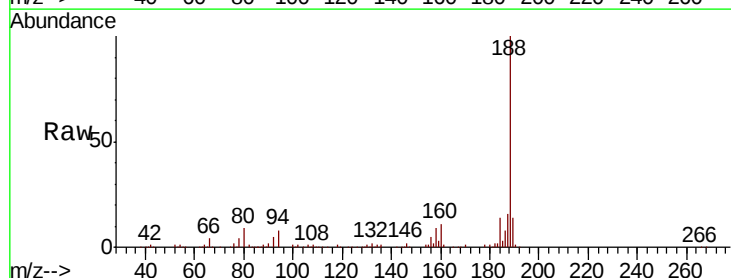


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

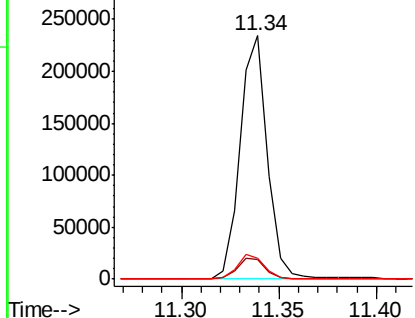
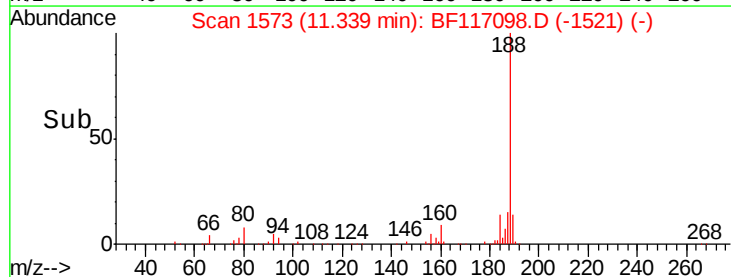


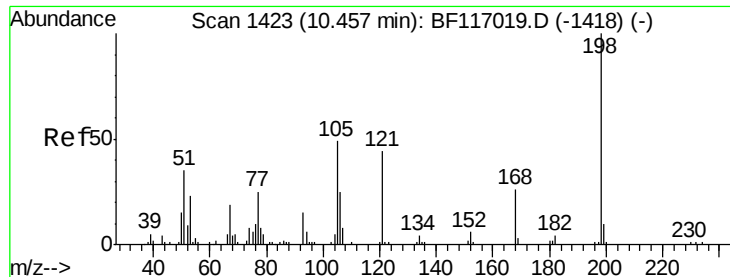
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:	188	Resp:	226319
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.7	9.0	13.6#



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

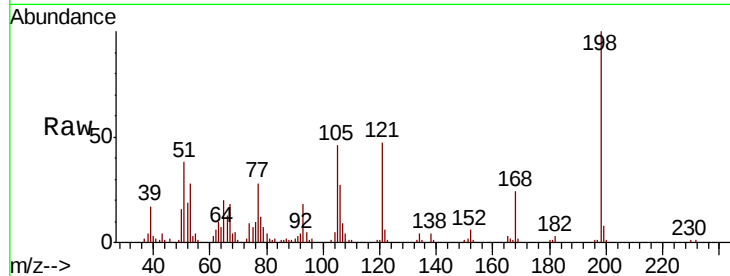




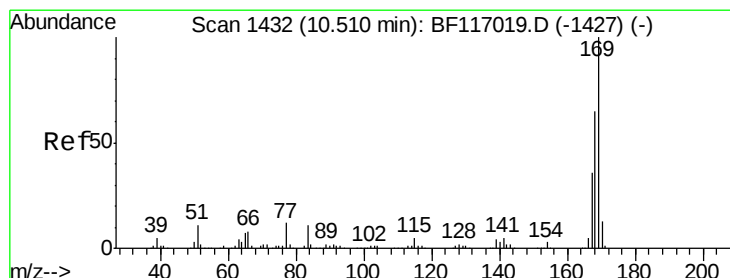
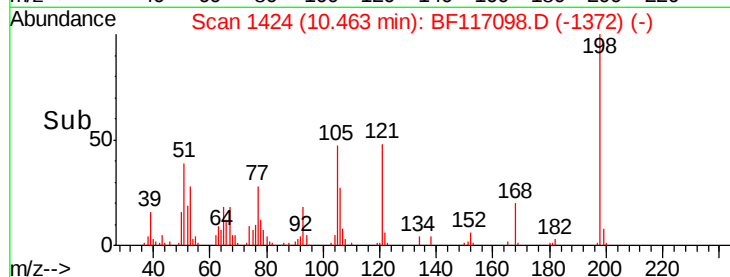
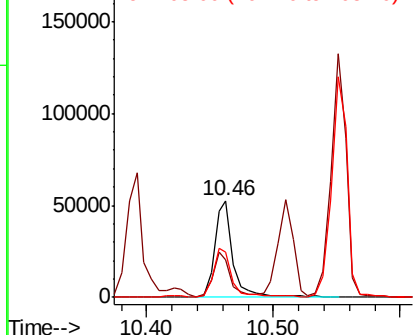
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.126 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 53263
 Ion Ratio Lower Upper
 198 100
 51 38.3 18.7 58.7
 105 46.3 30.2 70.2

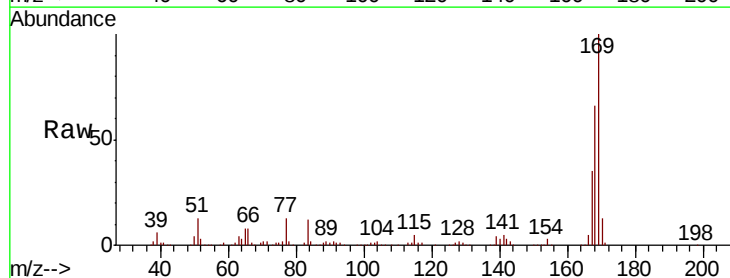


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

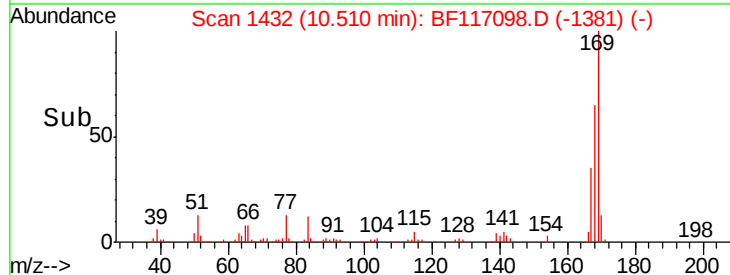
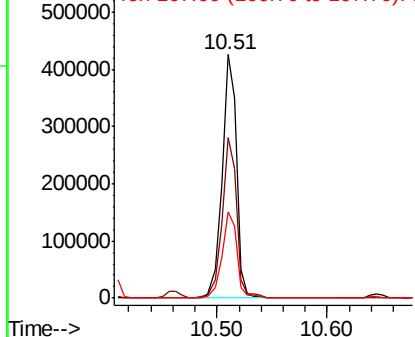


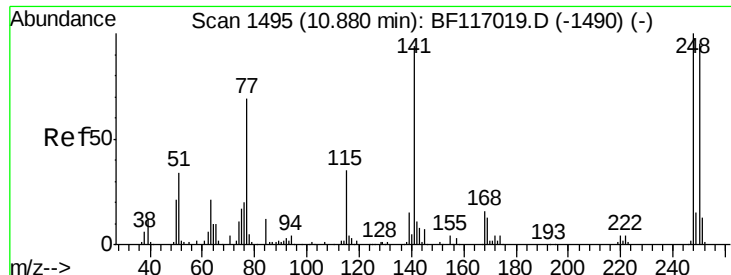
#66
 n-Nitrosodiphenylamine
 Concen: 49.825 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:169 Resp: 389440
 Ion Ratio Lower Upper
 169 100
 168 65.8 52.2 78.2
 167 35.4 28.8 43.2



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

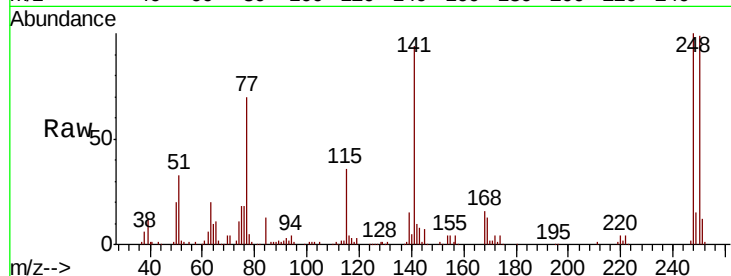




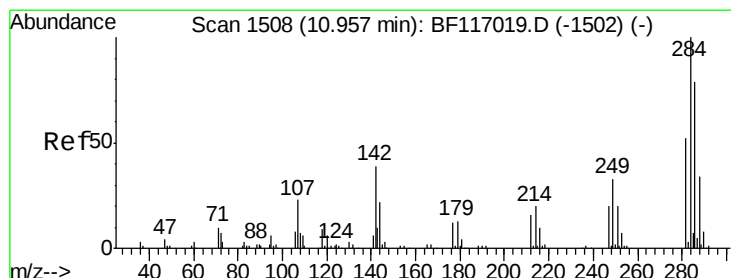
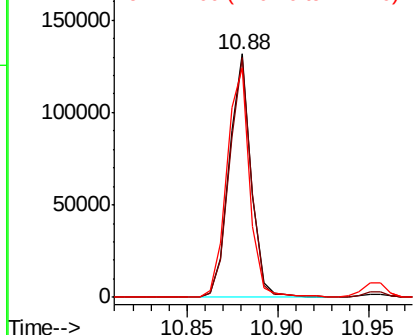
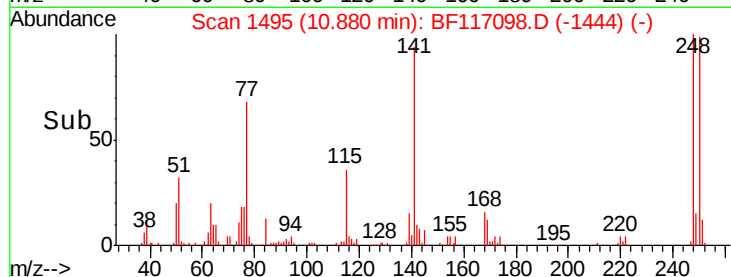
#67
4-Bromophenyl-phenylether
Concen: 47.900 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 110709
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.4
141 94.1 75.0 112.4

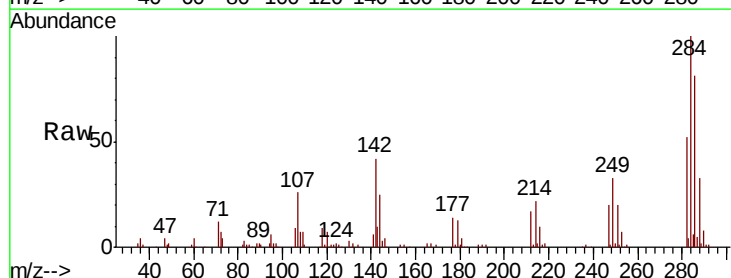


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

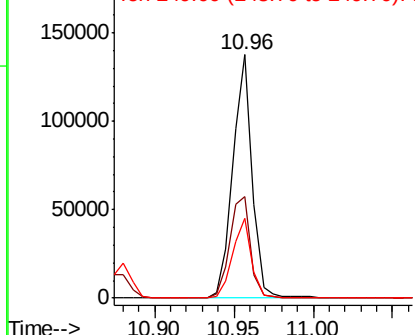
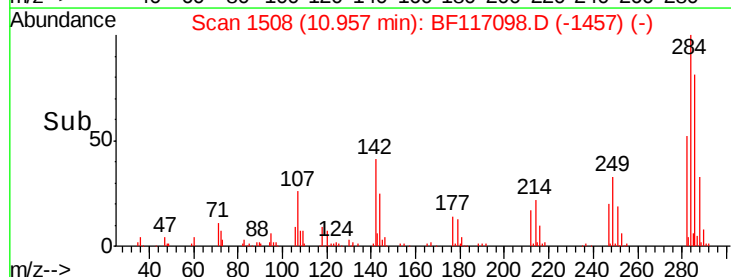


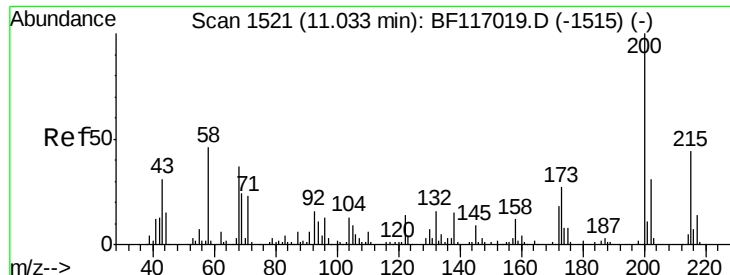
#68
Hexachlorobenzene
Concen: 46.105 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:284 Resp: 116551
Ion Ratio Lower Upper
284 100
142 41.6 31.4 47.2
249 32.8 26.5 39.7



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

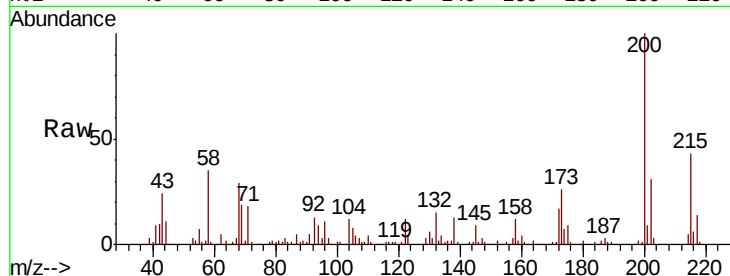




#69
 Atrazine
 Concen: 59.356 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.9	46.9
215	43.2	23.8	63.8

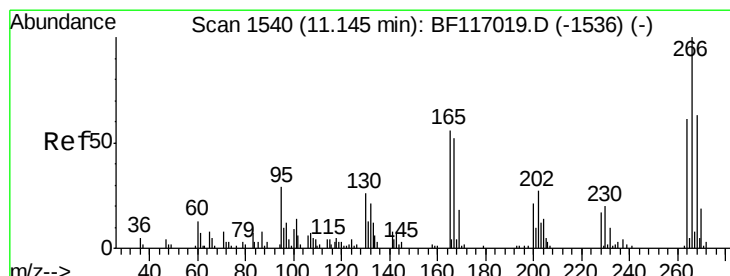
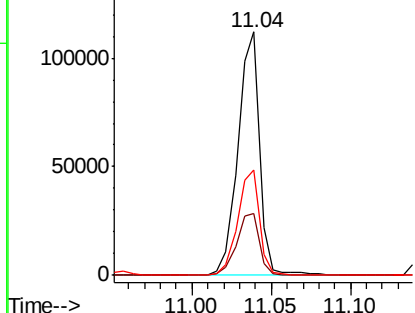
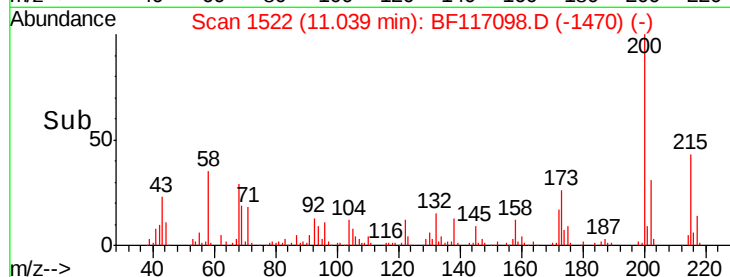


Abundance

Ion 200.00 (199.70 to 200.70): E

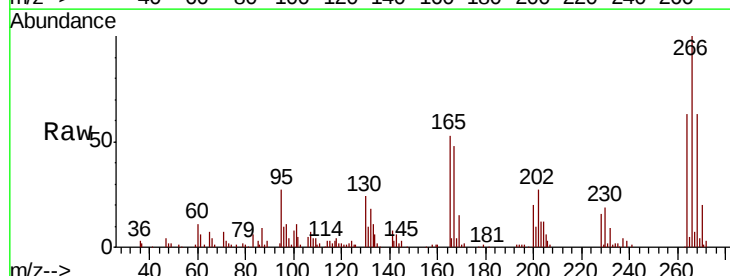
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 88.397 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.5	75.7
264	63.5	48.8	73.2

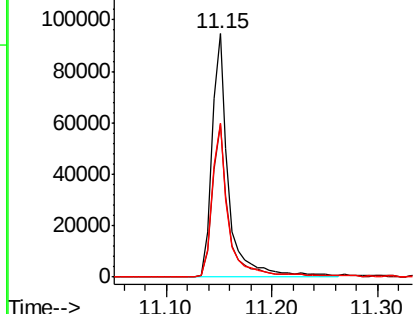
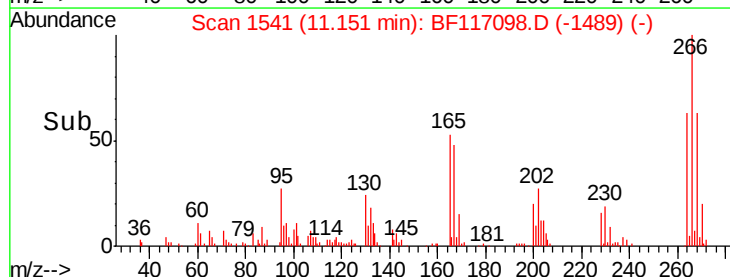


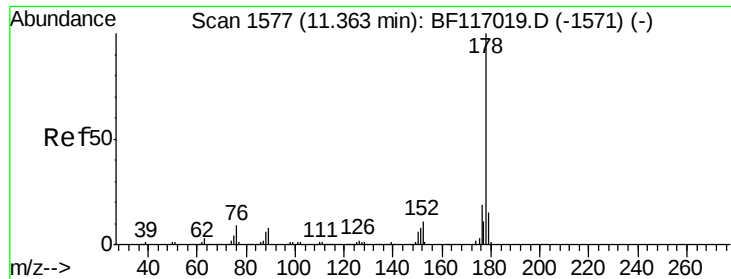
Abundance

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: 48.619 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

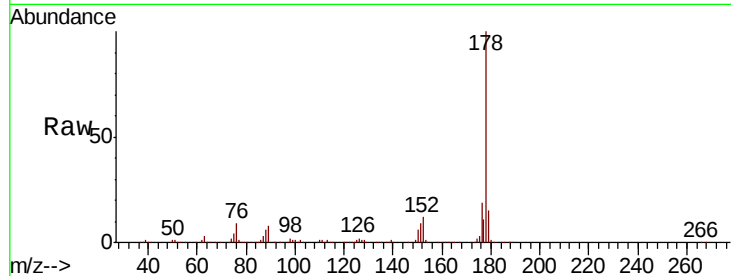
Tot Ion:178 Resp: 624986

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

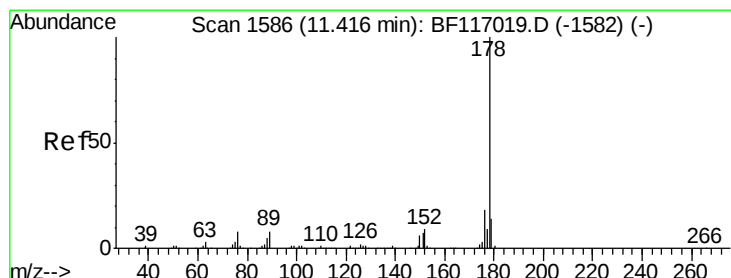
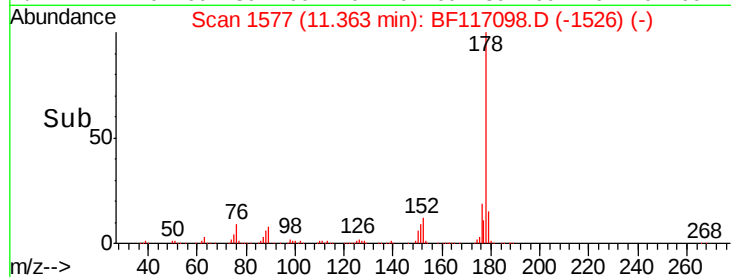
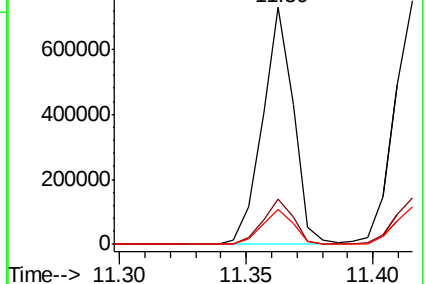
179 14.8 12.4 18.6



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: 50.162 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

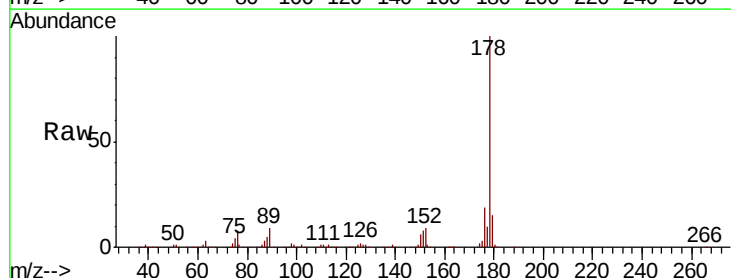
Tgt Ion:178 Resp: 658311

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

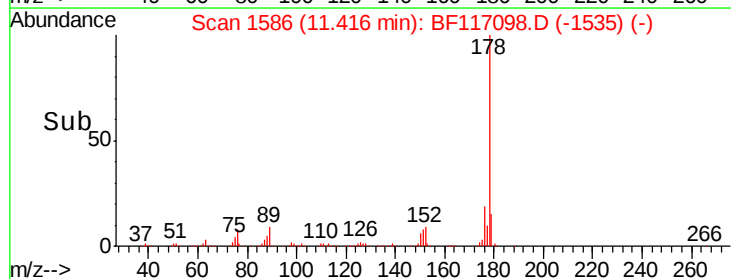
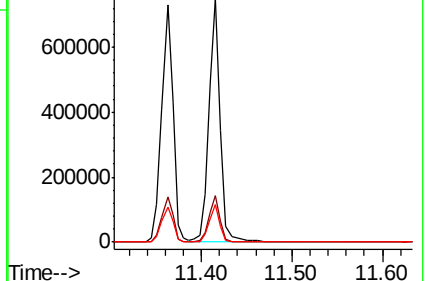
179 15.4 11.6 17.4

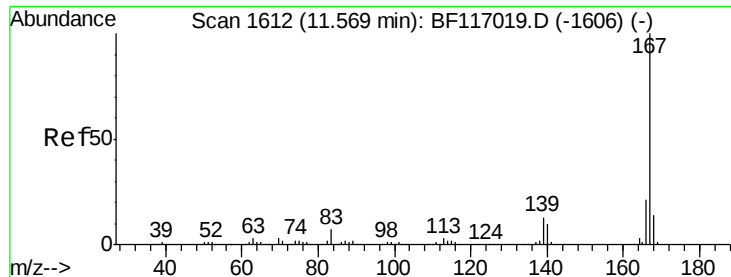


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.122 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

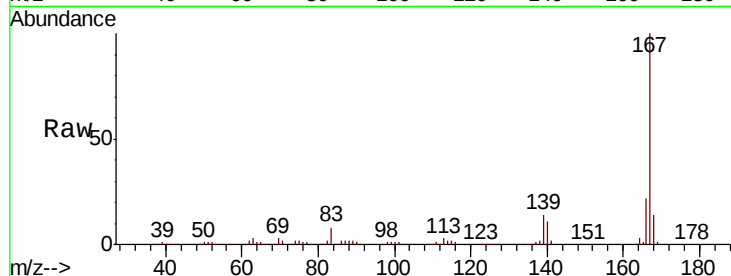
Tot Ion:167 Resp: 611916

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

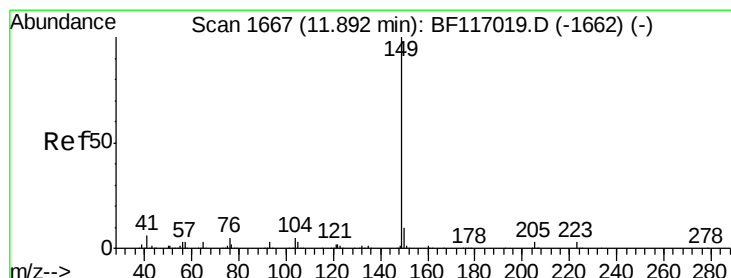
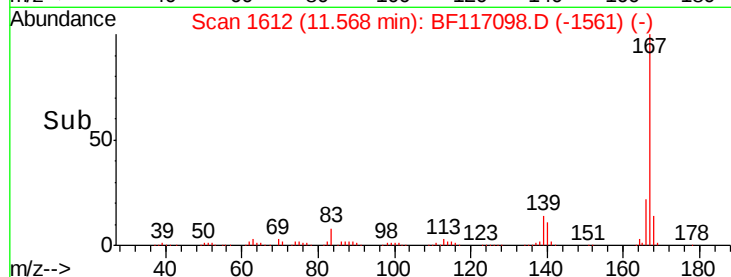
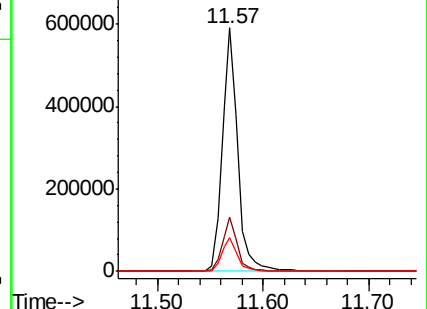
139 13.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.085 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

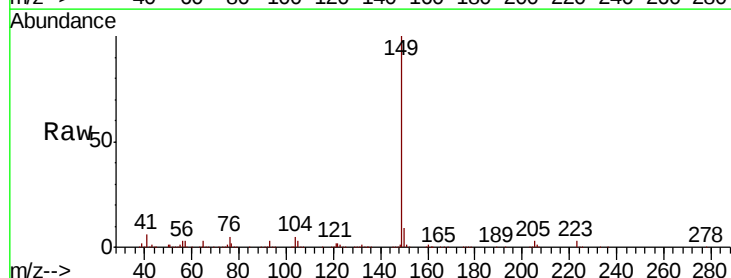
Tgt Ion:149 Resp: 712686

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

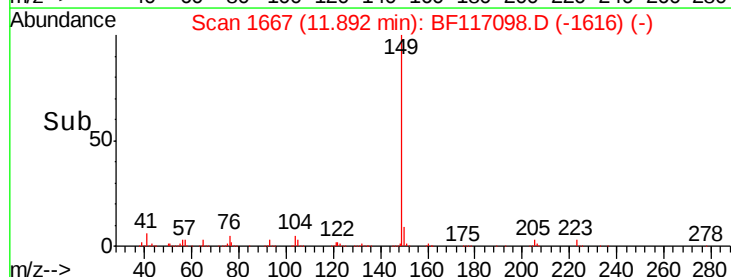
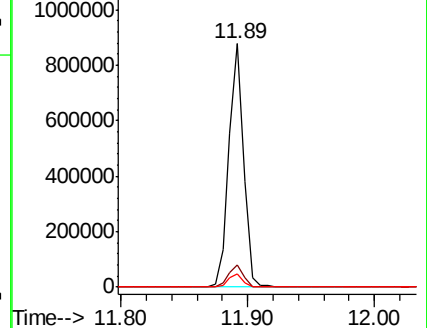
104 5.3 4.2 6.4

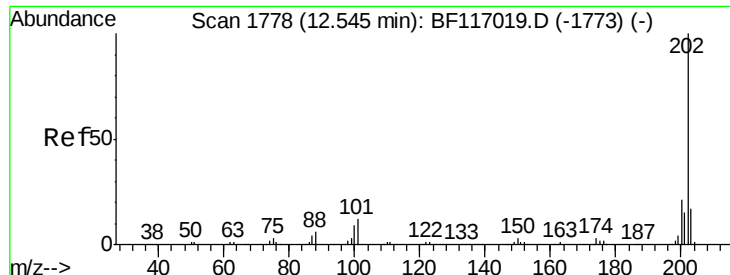


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

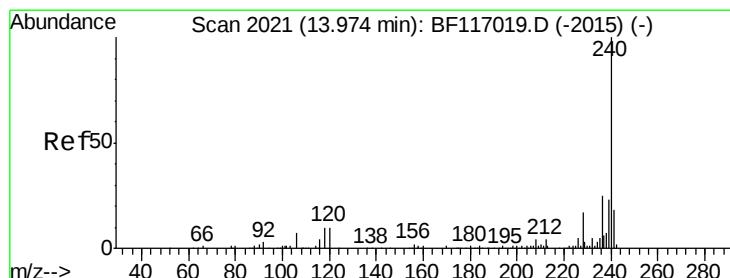
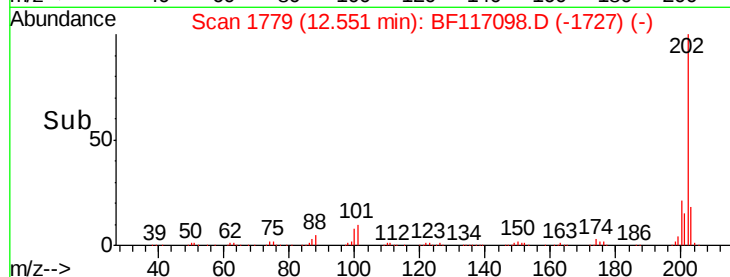
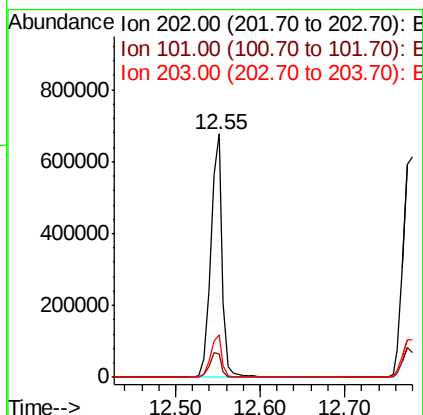
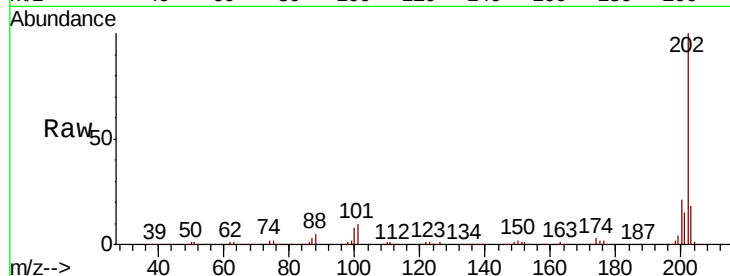




#75
 Fluoranthene
 Concen: 48.677 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

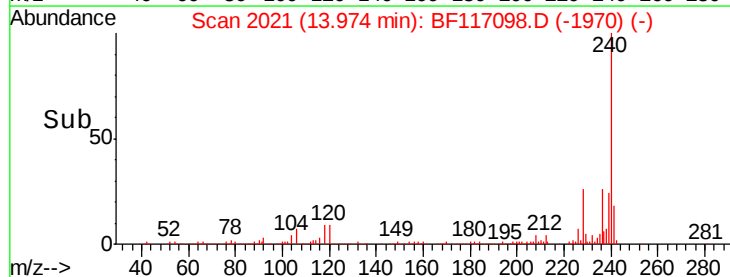
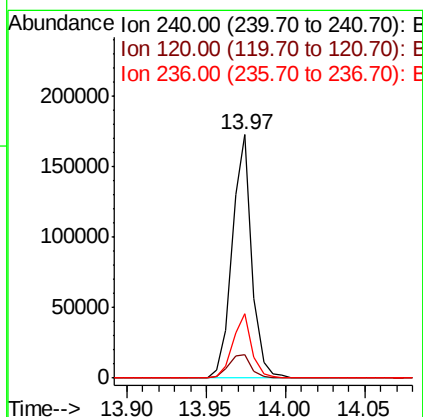
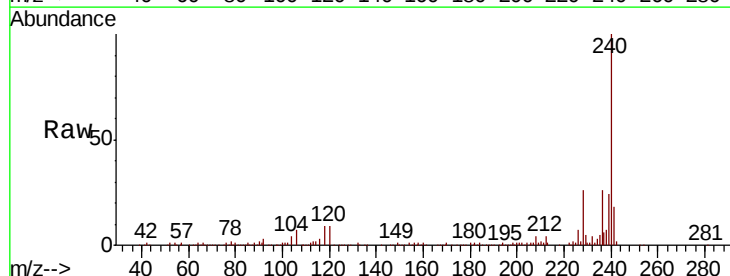
Instrument :
 BNA_F
 ClientSampleId :

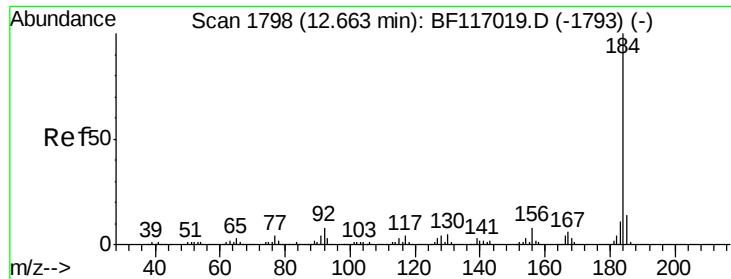
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.3
203	17.6	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	26.3	20.3	30.5





#77

Benzidine

Concen: 36.831 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

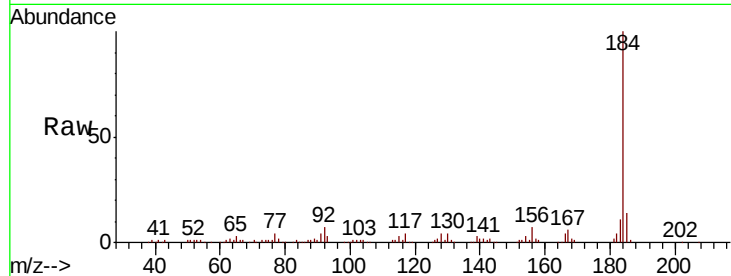
Tot Ion:184 Resp: 174641

Ion Ratio Lower Upper

184 100

185 13.7 11.6 17.4

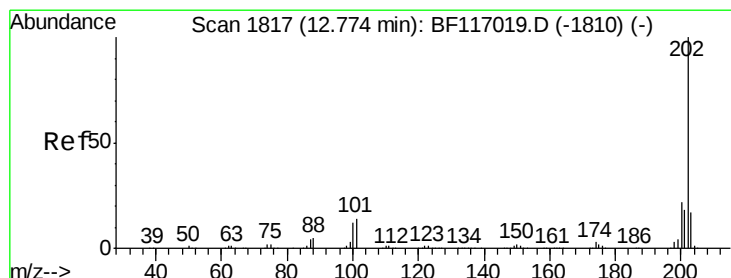
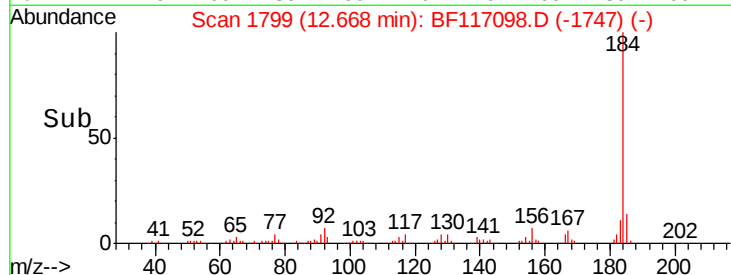
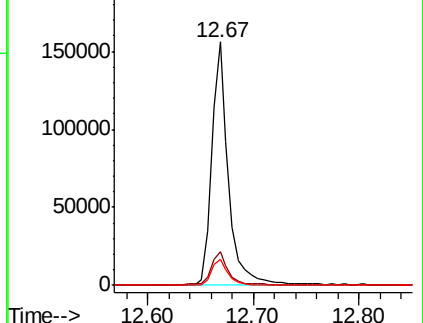
183 10.8 9.0 13.4



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: 51.515 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

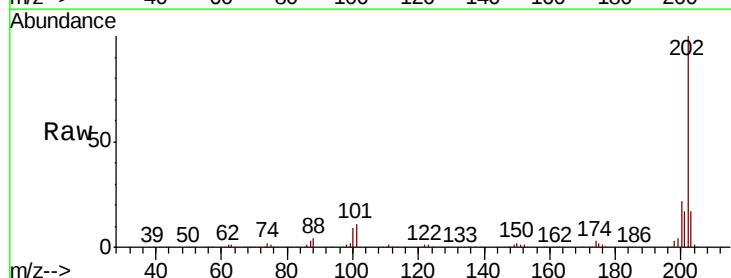
Tgt Ion:202 Resp: 636270

Ion Ratio Lower Upper

202 100

200 22.0 17.2 25.8

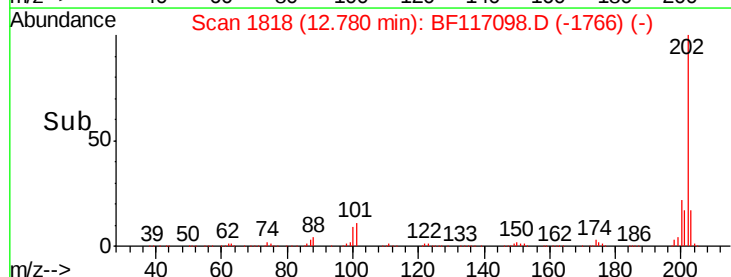
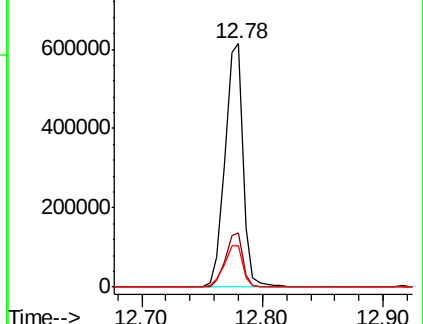
203 17.2 14.0 21.0

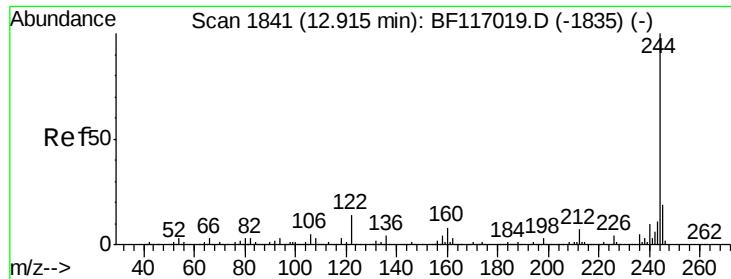


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

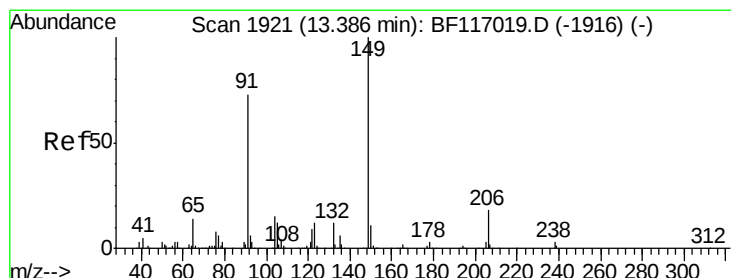
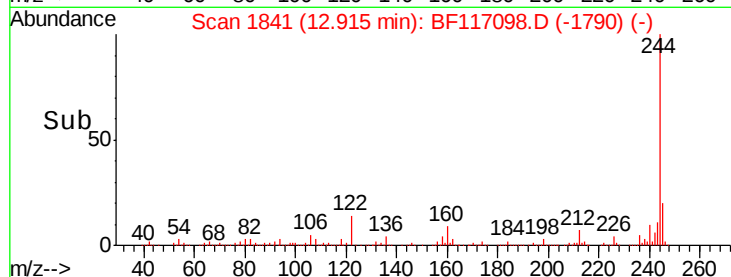
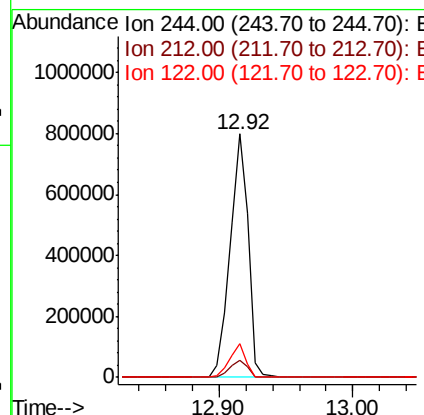
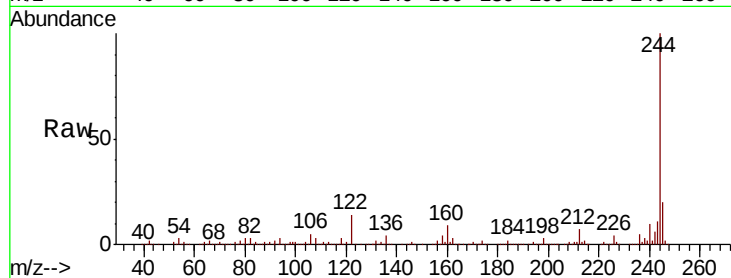




#79
 Terphenyl-d14
 Concen: 97.410 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

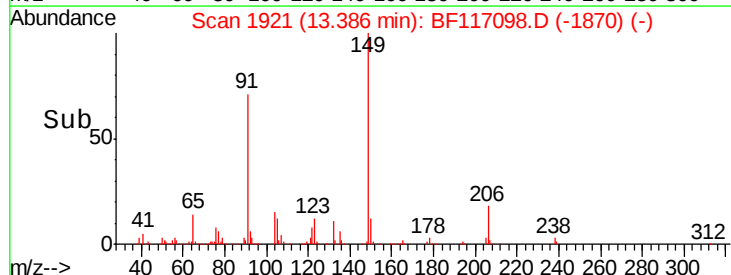
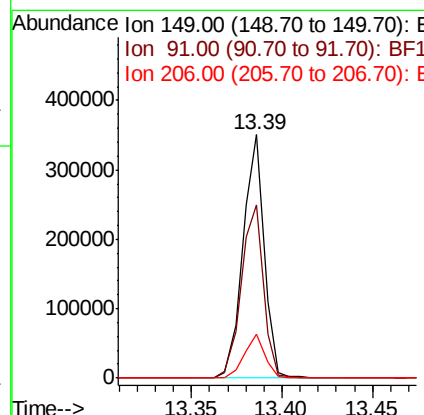
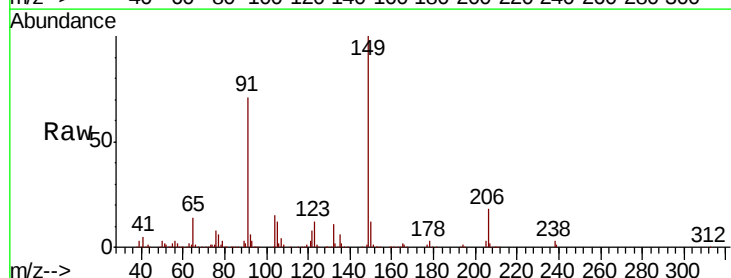
Instrument :
 BNA_F
 ClientSampled :

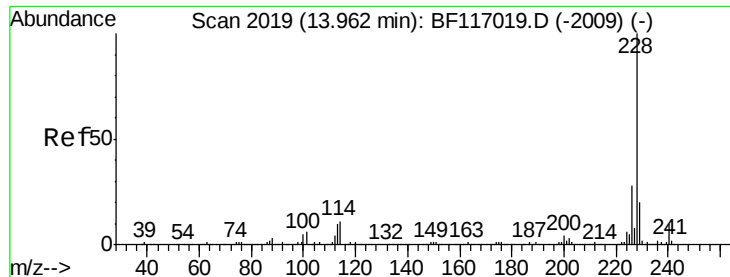
Tot Ion:244 Resp: 767101
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.7 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 49.245 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF117098.D
 Acq: 17 Sep 2019 11:30

Tgt Ion:149 Resp: 287398
 Ion Ratio Lower Upper
 149 100
 91 71.2 58.8 88.2
 206 18.1 14.1 21.1





#81

Benzo(a)anthracene

Concen: 47.830 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

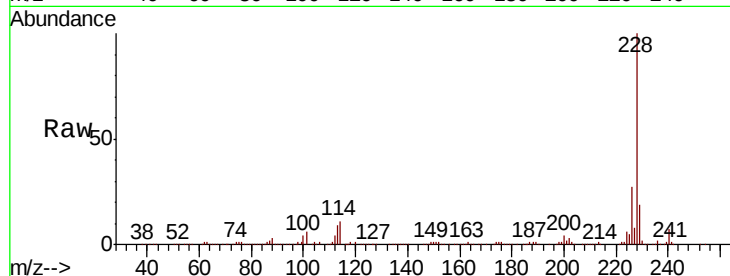
Tot Ion:228 Resp: 470392

Ion Ratio Lower Upper

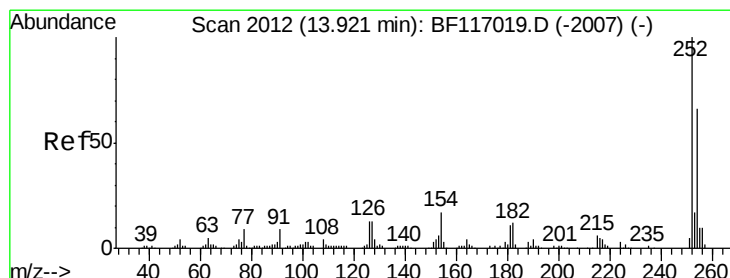
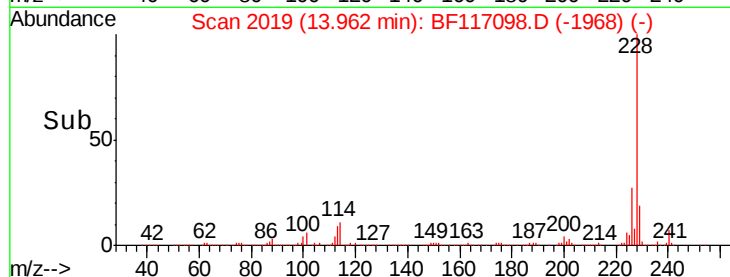
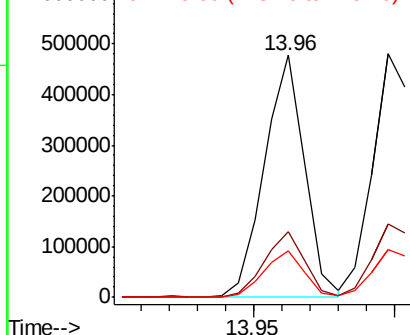
228 100

226 27.4 22.3 33.5

229 19.3 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 43.735 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

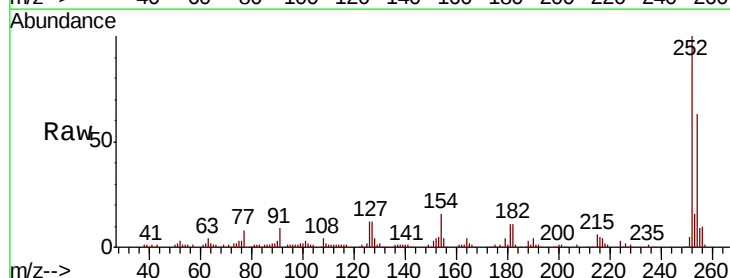
Tgt Ion:252 Resp: 138602

Ion Ratio Lower Upper

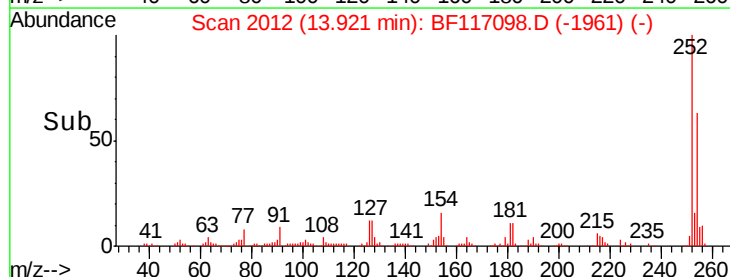
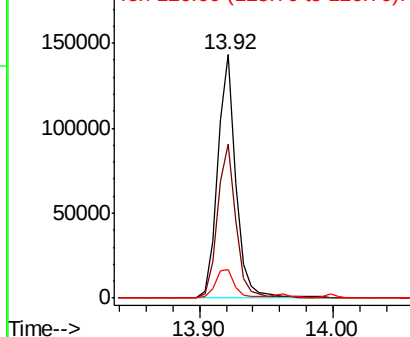
252 100

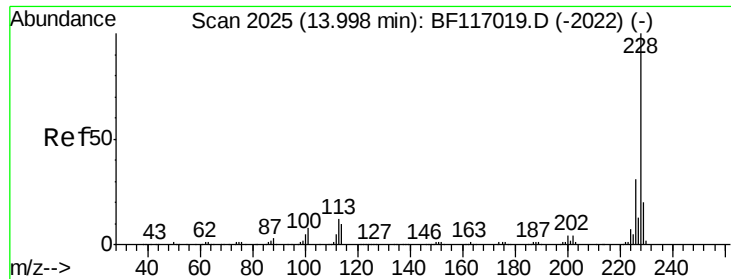
254 63.4 52.6 79.0

126 11.8 10.4 15.6



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

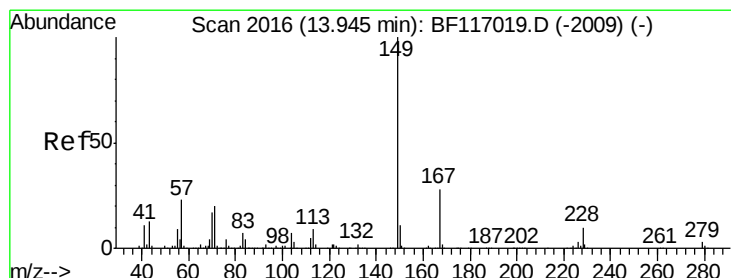
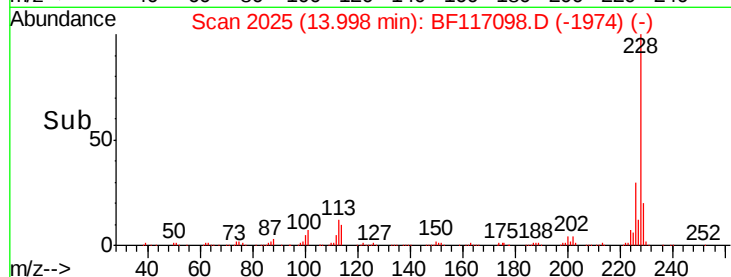
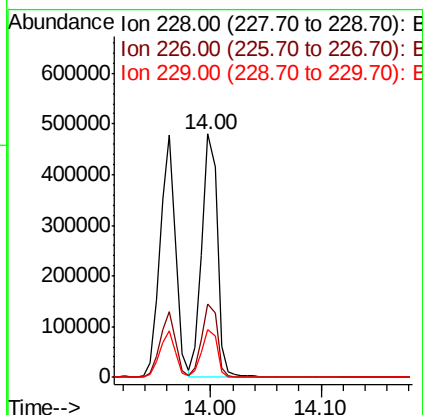
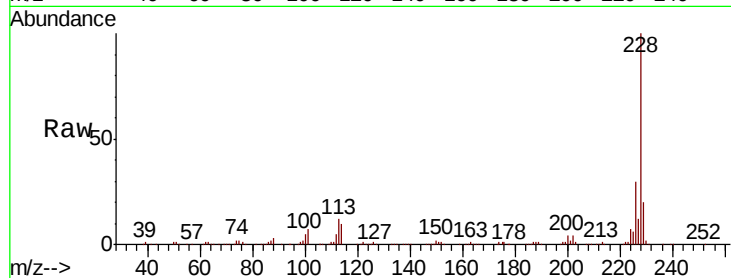




#83
Chrysene
Concen: 47.604 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

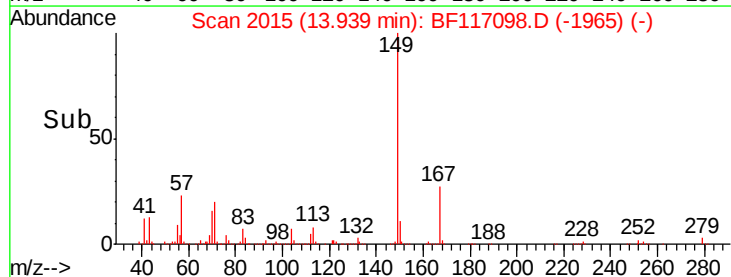
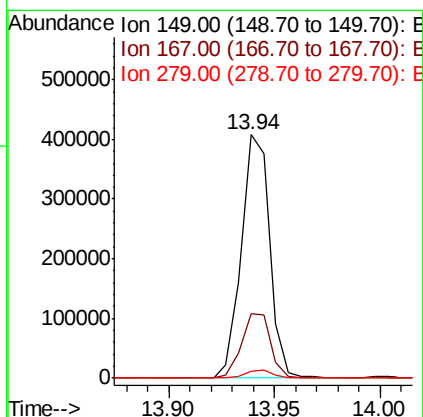
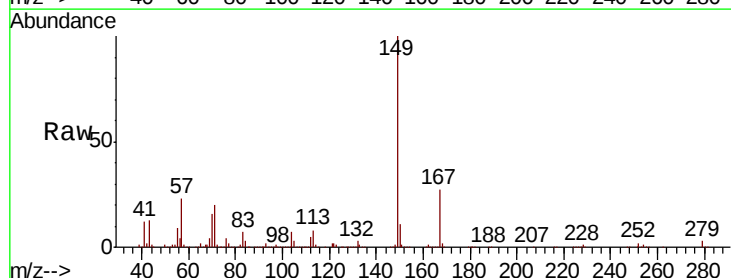
Instrument :
BNA_F
ClientSampleId :

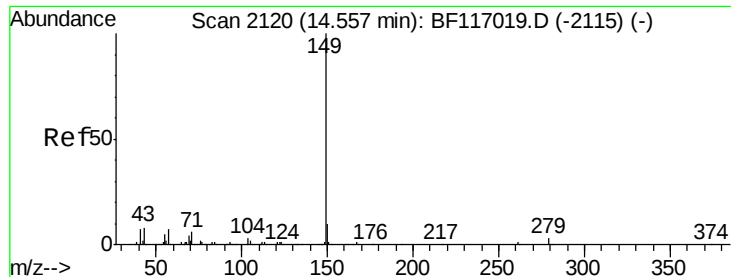
Tot Ion:228 Resp: 456611
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.421 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:149 Resp: 379411
Ion Ratio Lower Upper
149 100
167 26.6 22.2 33.2
279 2.7 2.8 4.2#

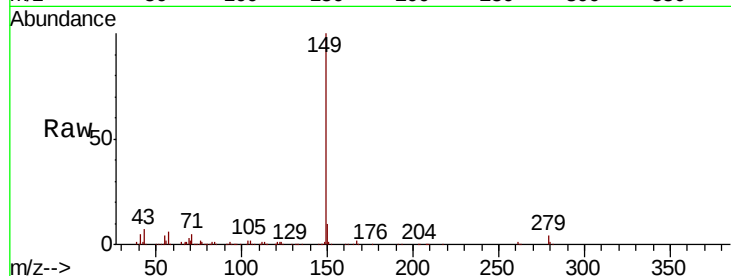




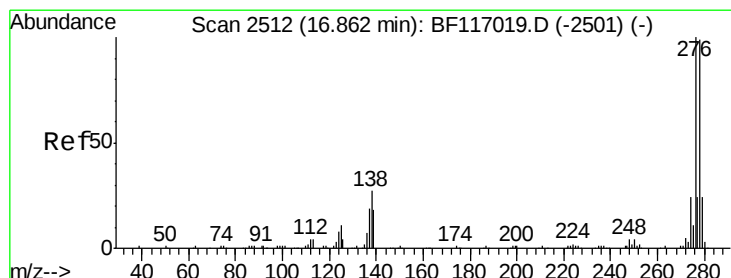
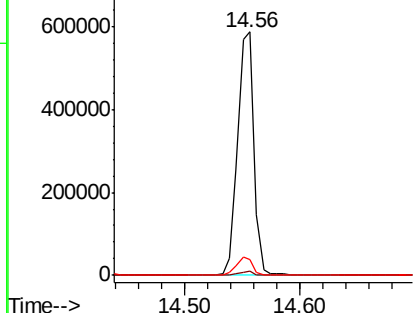
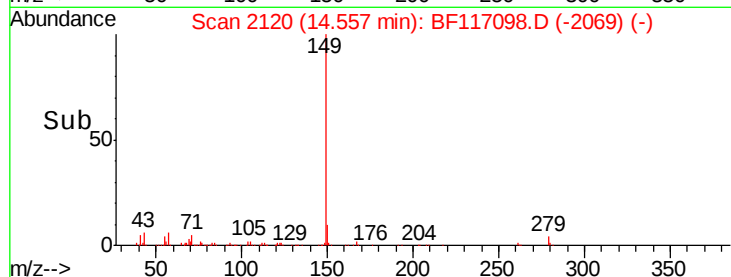
#85
Di-n-octyl phthalate
Concen: 48.615 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	149	Resp	575779
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.2	6.2	9.4

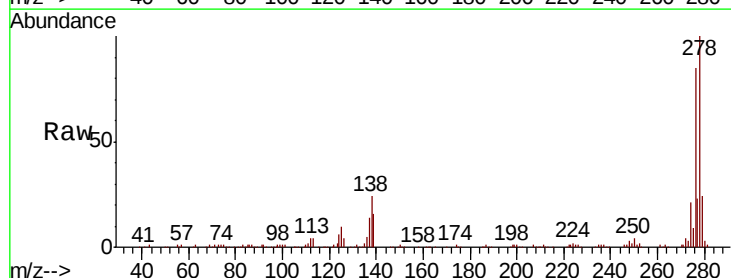


Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

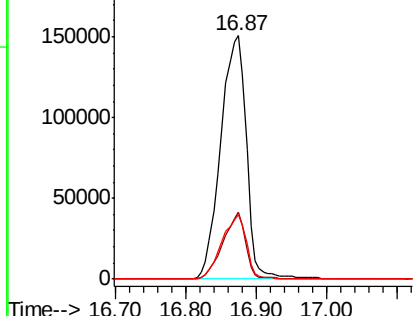
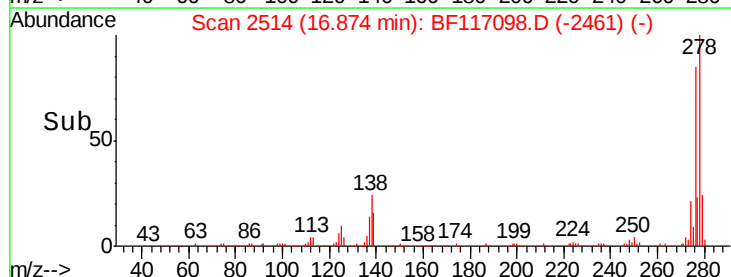


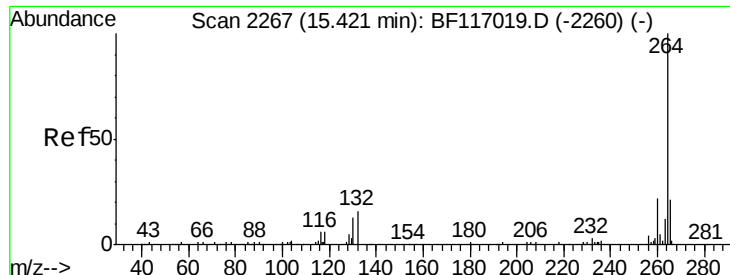
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.542 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion	276	Resp	381676
Ion Ratio	Lower	Upper	
276	100		
138	24.3	20.7	31.1
277	25.3	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
200000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



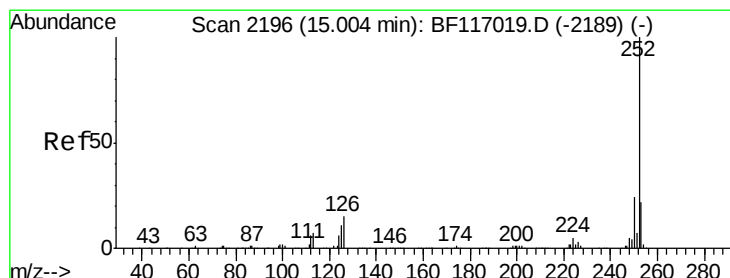
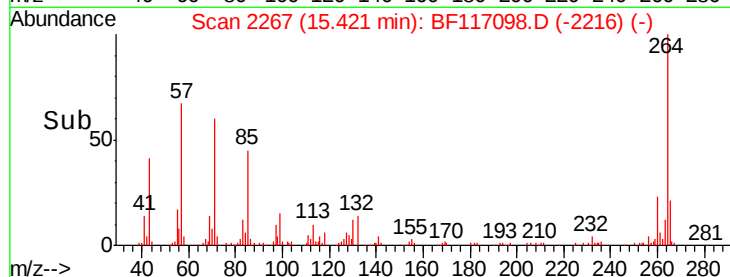
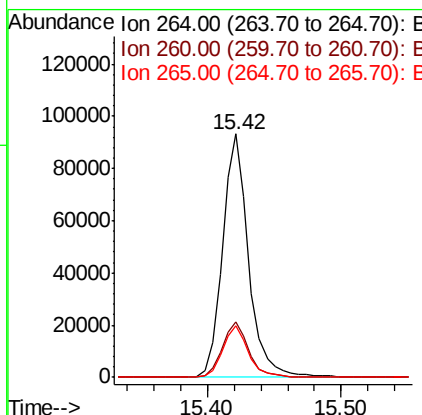
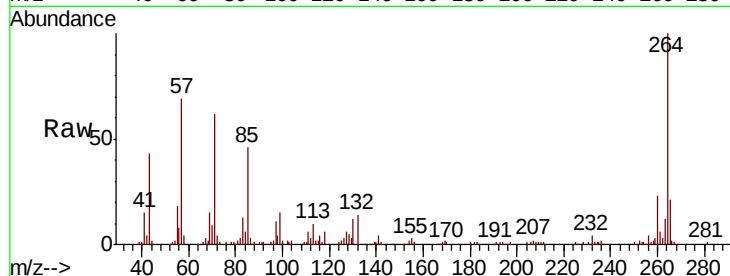


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 127176

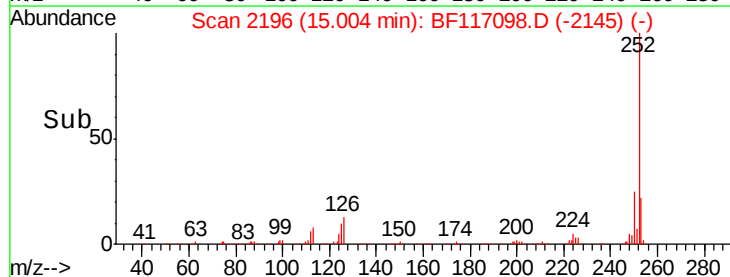
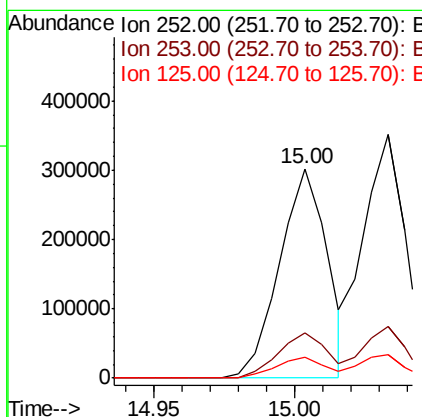
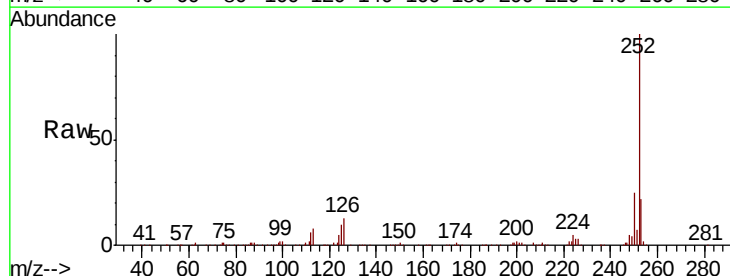
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.6	26.4
265	21.4	16.6	24.8

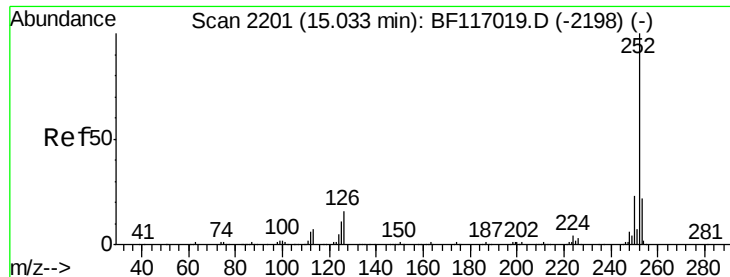


#88
Benzo(b)fluoranthene
Concen: 46.096 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:252 Resp: 355102

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.1	8.6	12.8

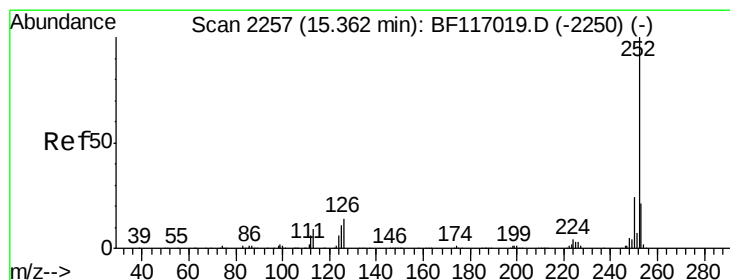
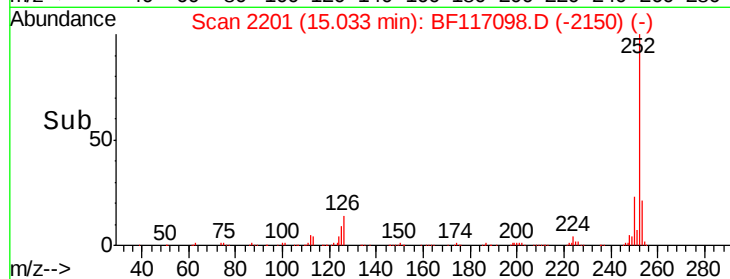
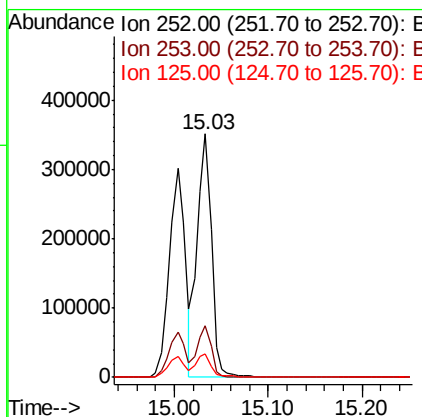
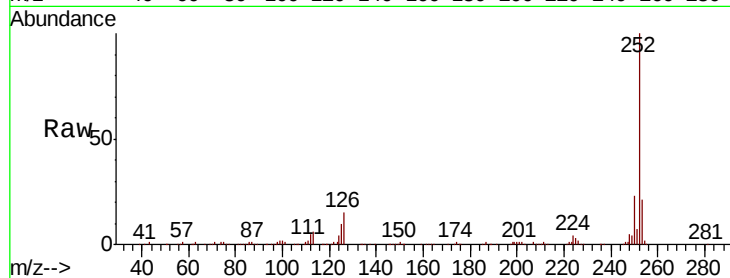




#89
Benzo(k)fluoranthene
Concen: 51.183 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

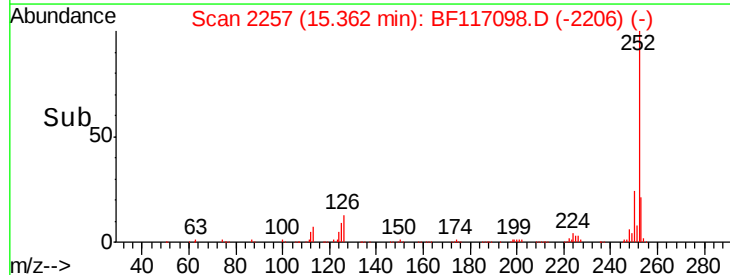
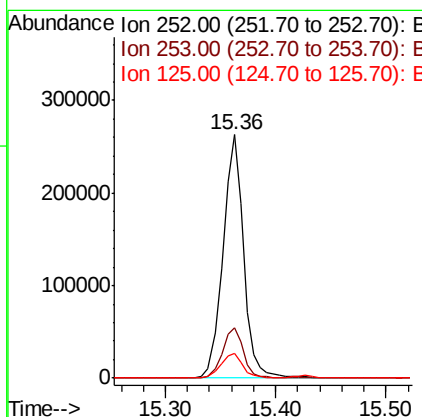
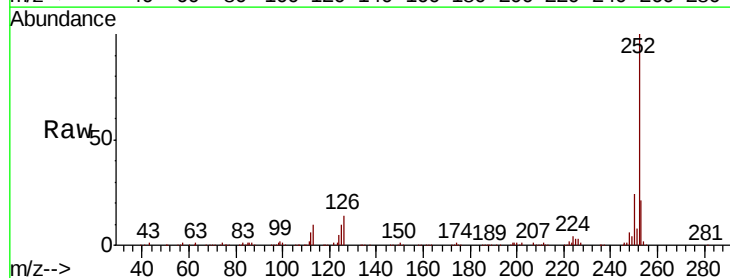
Instrument :
BNA_F
ClientSampleId :

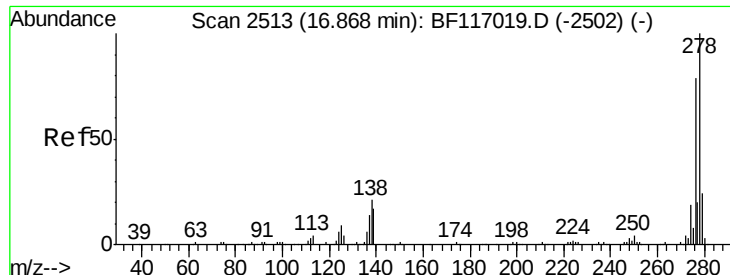
Tot Ion:252 Resp: 373497
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 9.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 50.889 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF117098.D
Acq: 17 Sep 2019 11:30

Tgt Ion:252 Resp: 344006
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 9.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 59.033 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

Instrument :

BNA_F

ClientSampleId :

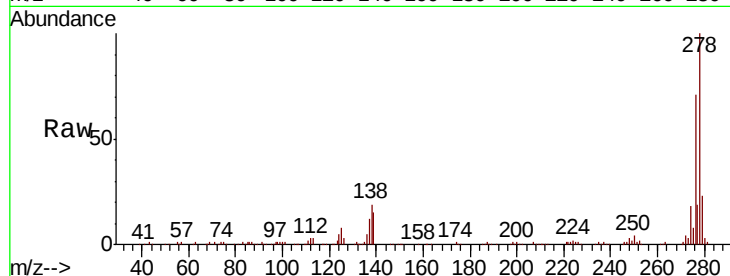
Tot Ion:278 Resp: 317904

Ion Ratio Lower Upper

278 100

139 14.8 13.5 20.3

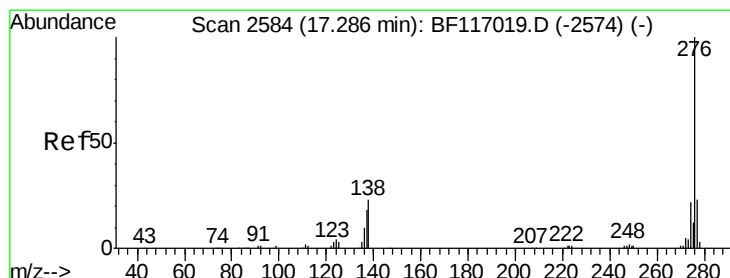
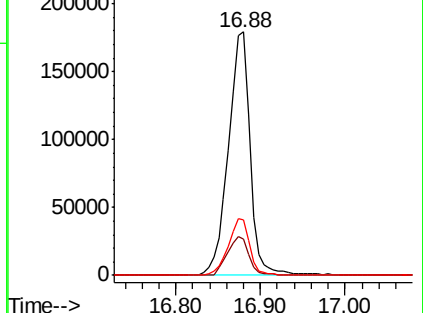
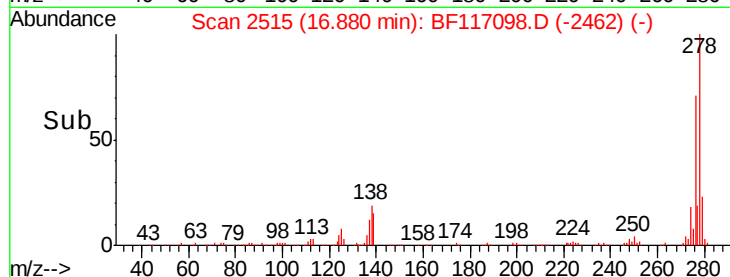
279 23.0 18.8 28.2



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: 59.336 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.02 min

Lab File: BF117098.D

Acq: 17 Sep 2019 11:30

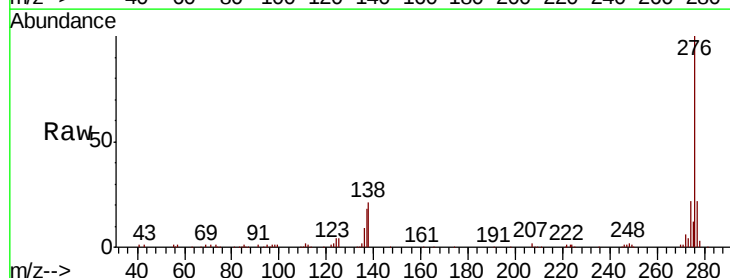
Tgt Ion:276 Resp: 318414

Ion Ratio Lower Upper

276 100

277 22.4 18.6 27.8

138 21.0 18.0 27.0



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

