

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117051.D
 Acq On : 16 Sep 2019 9:55
 Operator : HP/JU
 Sample : PB123079BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 16 11:38:05 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	75351	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	323219	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	164797	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	271924	20.00	ng	0.00
76) Chrysene-d12	13.97	240	182281	20.00	ng	0.00
87) Perylene-d12	15.41	264	143714	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	550910	114.15	ng	0.02
7) Phenol-d6	6.47	99	714291	114.52	ng	0.01
23) Nitrobenzene-d5	7.39	82	431877	70.21	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	161002	116.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	765716	72.65	ng	0.00
79) Terphenyl-d14	12.92	244	719559	73.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	82841	41.019	ng	98
3) Pyridine	3.40	79	191117	34.574	ng	96
4) n-Nitrosodimethylamine	3.35	42	83166	43.841	ng	96
6) Aniline	6.49	93	278249	34.648	ng	93
8) 2-Chlorophenol	6.62	128	241201	46.326	ng	97
9) Benzaldehyde	6.37	77	138103	45.645	ng	100
10) Phenol	6.48	94	308320	44.839	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	228703	45.254	ng	98
12) 1,3-Dichlorobenzene	6.77	146	246753	42.234	ng	98
13) 1,4-Dichlorobenzene	6.84	146	256048	42.943	ng	98
14) 1,2-Dichlorobenzene	7.00	146	238648	42.990	ng	97
15) Benzyl Alcohol	6.97	79	220199	46.037	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	213998	42.860	ng	97
17) 2-Methylphenol	7.08	107	200172	45.872	ng	95
18) Hexachloroethane	7.33	117	100301	43.728	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	174486	45.940	ng	97
20) 3+4-Methylphenols	7.23	107	251439	46.260	ng	# 89
22) Acetophenone	7.23	105	350676	42.703	ng	97
24) Nitrobenzene	7.40	77	265421	43.691	ng	99
25) Isophorone	7.65	82	482766	44.323	ng	100
26) 2-Nitrophenol	7.72	139	122637	46.998	ng	96
27) 2,4-Dimethylphenol	7.76	122	206051	49.795	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	287873	42.898	ng	99
29) 2,4-Dichlorophenol	7.96	162	196670	45.359	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	194321	41.483	ng	98
31) Naphthalene	8.13	128	679623	43.720	ng	99
32) Benzoic acid	7.90	122	109627	36.860	ng	98
33) 4-Chloroaniline	8.17	127	173397	25.150	ng	97
34) Hexachlorobutadiene	8.25	225	112719	42.413	ng	98
35) Caprolactam	8.54	113	33899	23.099	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	227822	45.063	ng	98
37) 2-Methylnaphthalene	8.82	142	463901	44.317	ng	99
38) 1-Methylnaphthalene	8.92	142	425122	43.362	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	181075	42.551	ng	98

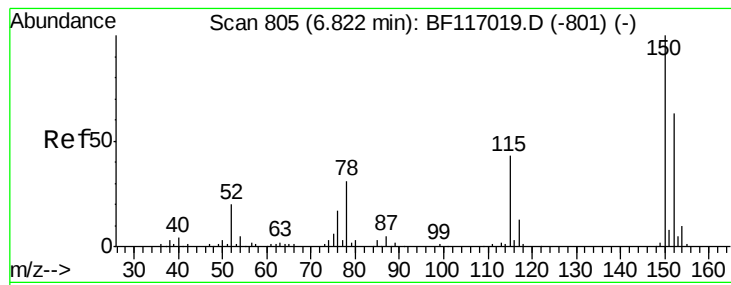
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
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 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	167936	88.368	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	125139	43.332	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	138737	44.965	ng	96
46) 1,1'-Biphenyl	9.27	154	562488	43.514	ng	99
47) 2-Chloronaphthalene	9.30	162	432447	42.389	ng	99
48) 2-Nitroaniline	9.40	65	137362	41.978	ng	96
49) Acenaphthylene	9.72	152	679235	44.444	ng	99
50) Dimethylphthalate	9.57	163	500116	42.861	ng	100
51) 2,6-Dinitrotoluene	9.64	165	111741	47.019	ng	93
52) Acenaphthene	9.89	154	388398	42.872	ng	98
53) 3-Nitroaniline	9.81	138	91187	30.412	ng	96
54) 2,4-Dinitrophenol	9.92	184	84062	81.700	ng	97
55) Dibenzofuran	10.06	168	600441	44.921	ng	100
56) 4-Nitrophenol	9.98	139	164546	84.673	ng	97
57) 2,4-Dinitrotoluene	10.05	165	146697	47.555	ng	94
58) Fluorene	10.40	166	480584	44.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	96242	40.761	ng	92
60) Diethylphthalate	10.27	149	505274	44.015	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	206604	44.349	ng	99
62) 4-Nitroaniline	10.42	138	129424	41.506	ng	97
63) Azobenzene	10.55	77	519279	44.290	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	58356	47.229	ng	88
66) n-Nitrosodiphenylamine	10.51	169	418081	44.519	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	121647	43.805	ng	97
68) Hexachlorobenzene	10.96	284	129104	42.505	ng	94
69) Atrazine	11.03	200	119937	54.247	ng	98
70) Pentachlorophenol	11.15	266	131885	92.632	ng	95
71) Phenanthrene	11.36	178	670518	43.413	ng	100
72) Anthracene	11.42	178	688760	43.680	ng	97
73) Carbazole	11.57	167	650137	43.437	ng	99
74) Di-n-butylphthalate	11.89	149	787532	44.224	ng	99
75) Fluoranthene	12.55	202	677348	42.681	ng	99
77) Benzidine	12.66	184	250099	42.594	ng	99
78) Pyrene	12.77	202	688763	45.033	ng	100
80) Butylbenzylphthalate	13.39	149	316895	43.849	ng	92
81) Benzo(a)anthracene	13.96	228	512241	42.061	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	135134	34.434	ng	97
83) Chrysene	14.00	228	507485	42.725	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	417504	44.805	ng	98
85) Di-n-octyl phthalate	14.55	149	650520	44.355	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	375547	43.337	ng	98
88) Benzo(b)fluoranthene	15.00	252	410738	47.183	ng	99
89) Benzo(k)fluoranthene	15.03	252	401969	48.745	ng	98
90) Benzo(a)pyrene	15.35	252	376364	49.269	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	309084	50.790	ng	98
92) Benzo(g,h,i)perylene	17.28	276	309578	51.051	ng	98

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

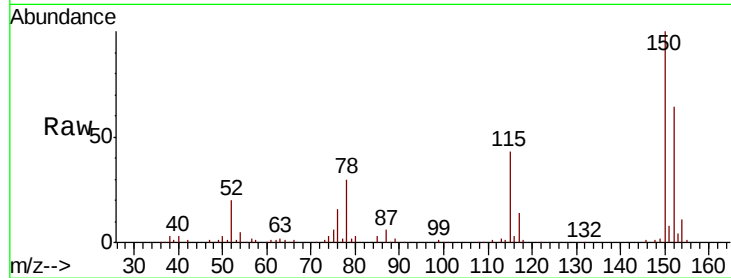


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.5	191.3
115	66.7	55.0	82.4

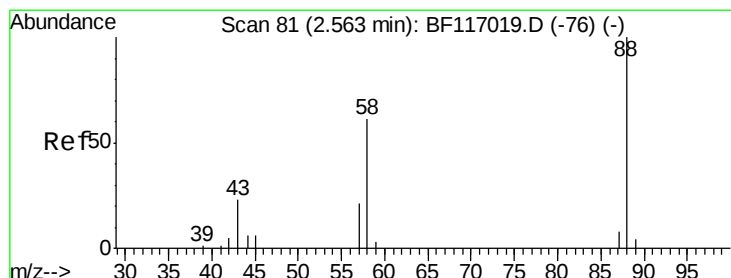
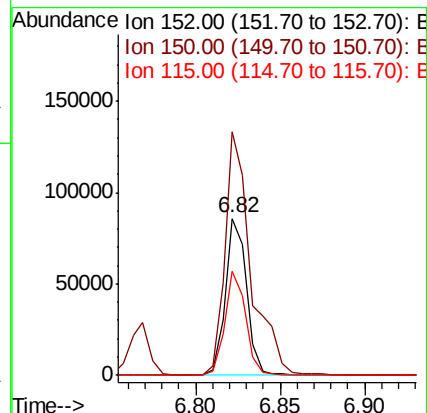
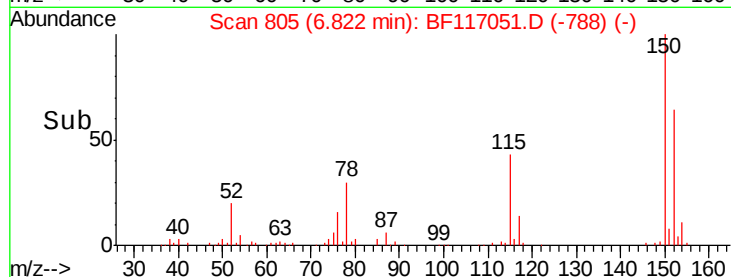


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

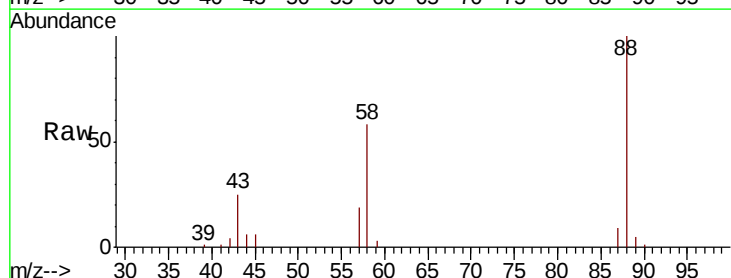
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.019 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	49.3	73.9
43	24.9	18.8	28.2

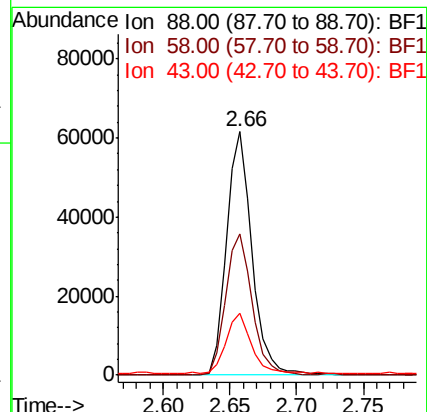
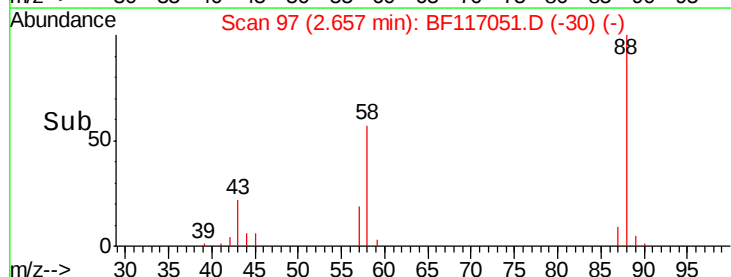


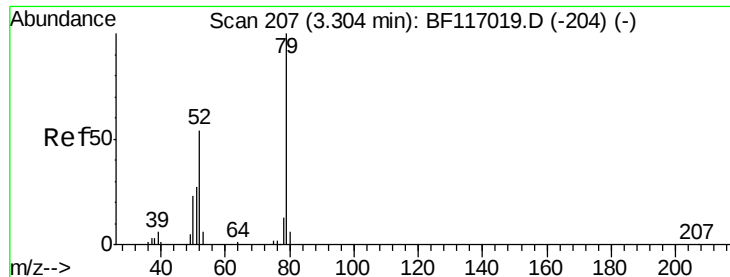
Abundance

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: 34.574 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

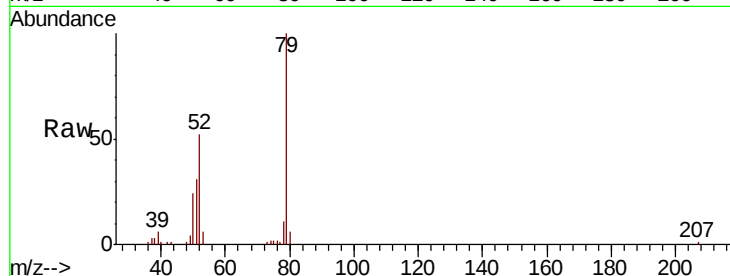
Tot Ion: 79 Resp: 191117

Ion Ratio Lower Upper

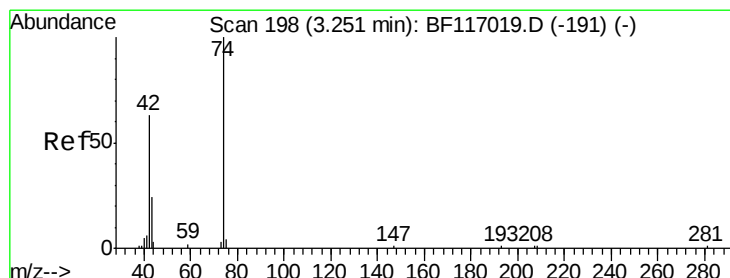
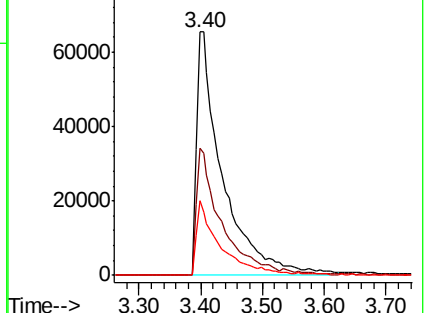
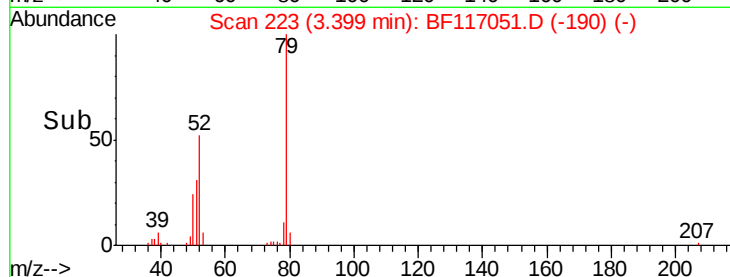
79 100

52 52.4 43.5 65.3

51 30.9 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 43.841 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

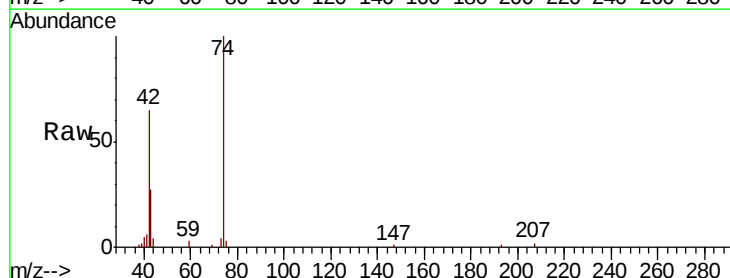
Tgt Ion: 42 Resp: 83166

Ion Ratio Lower Upper

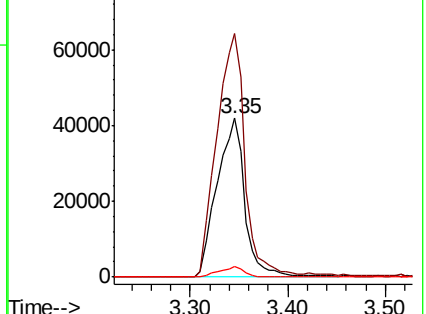
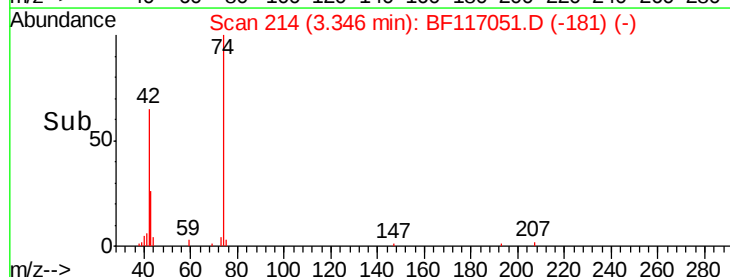
42 100

74 153.4 127.1 190.7

44 6.4 4.3 6.5



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





#5

2-Fluorophenol

Concen: 114.147 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

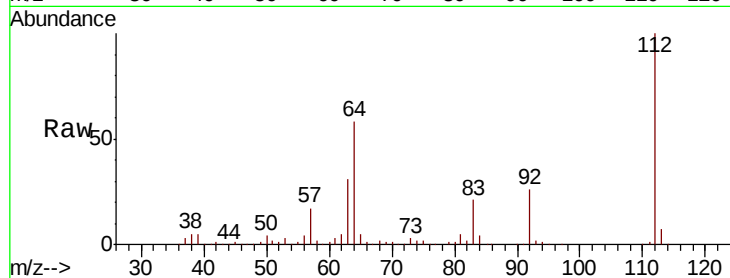
Tot Ion: 112 Resp: 550910

Ion Ratio Lower Upper

112 100

64 58.2 45.7 68.5

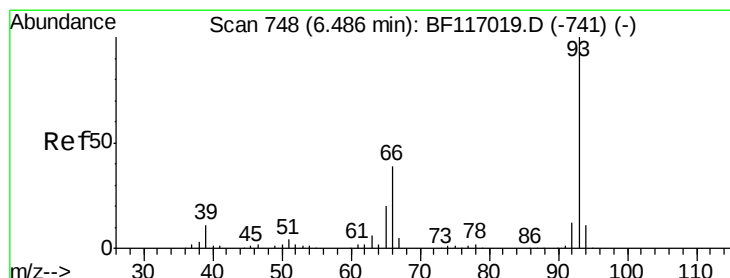
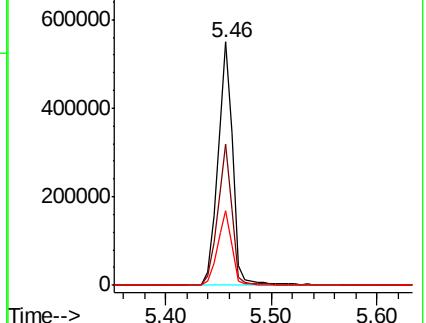
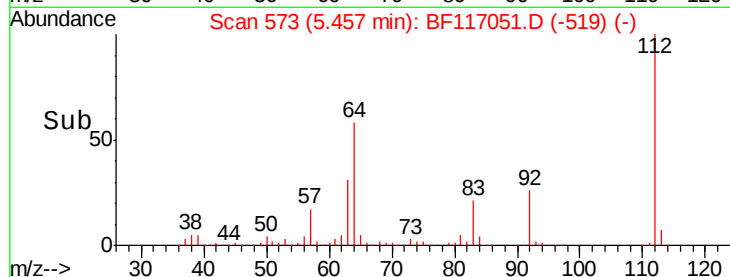
63 30.9 24.9 37.3



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: 34.648 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

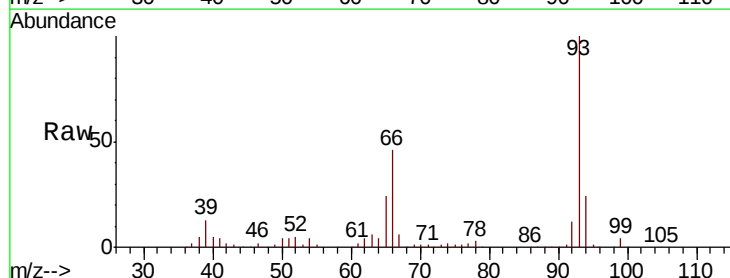
Tgt Ion: 93 Resp: 278249

Ion Ratio Lower Upper

93 100

66 45.7 32.6 49.0

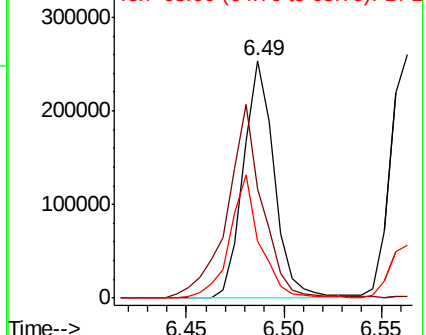
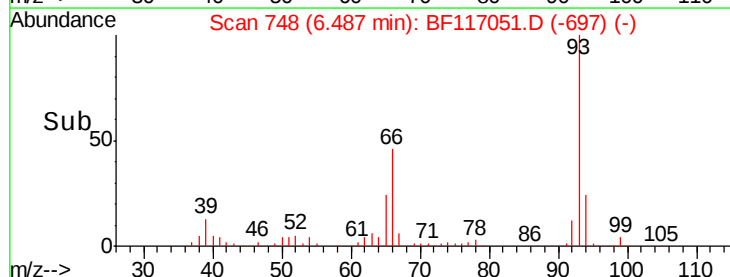
65 23.8 16.7 25.1

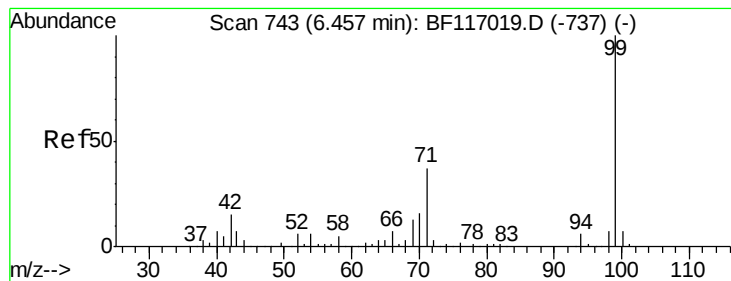


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.518 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

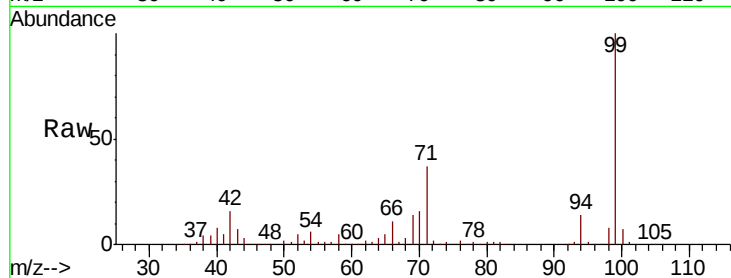
Tot Ion: 99 Resp: 714291

Ion Ratio Lower Upper

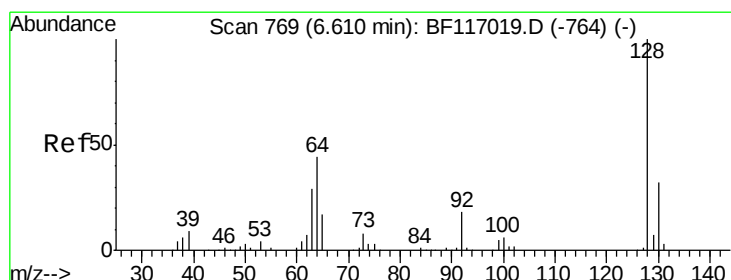
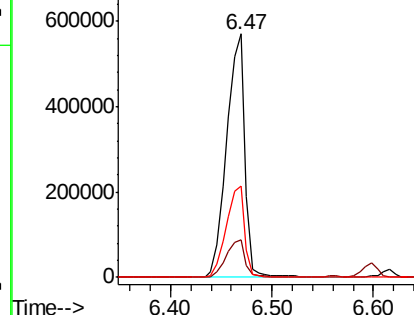
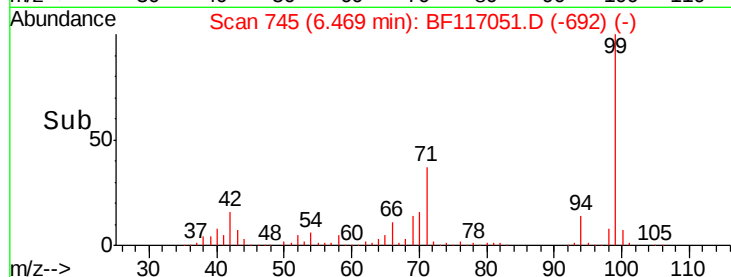
99 100

42 15.6 12.2 18.2

71 37.4 29.8 44.8



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



#8

2-Chlorophenol

Concen: 46.326 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

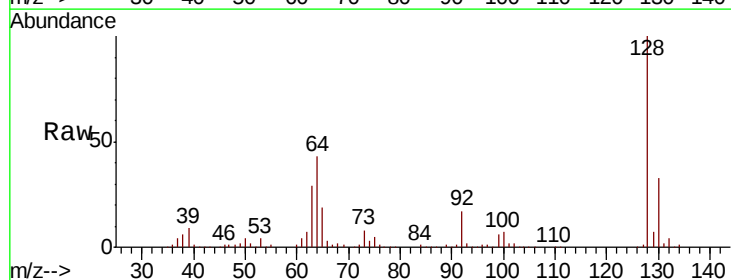
Tgt Ion: 128 Resp: 241201

Ion Ratio Lower Upper

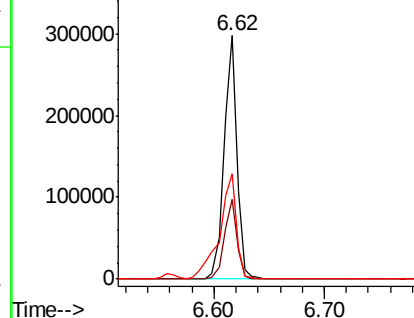
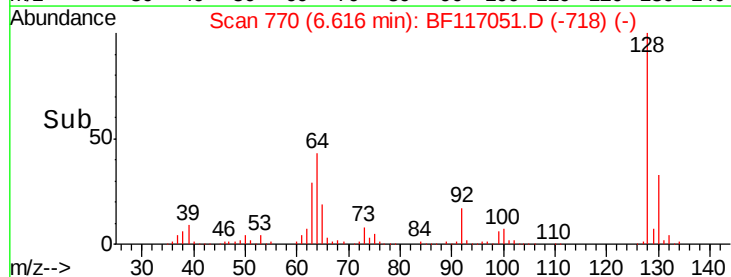
128 100

130 33.0 11.8 51.8

64 43.1 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.645 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

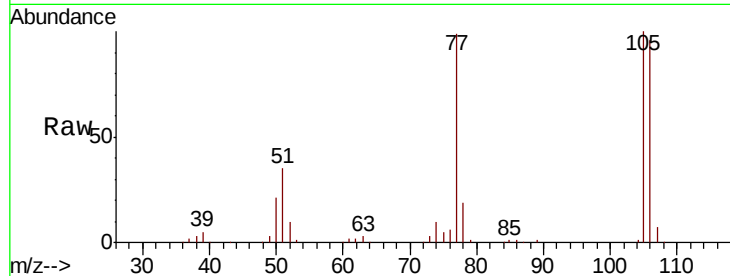
Tot Ion: 77 Resp: 138103

Ion Ratio Lower Upper

77 100

105 101.2 81.8 121.8

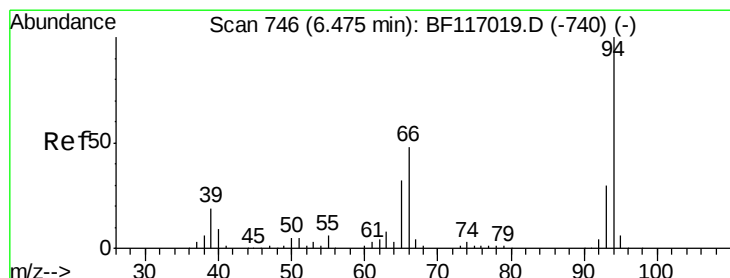
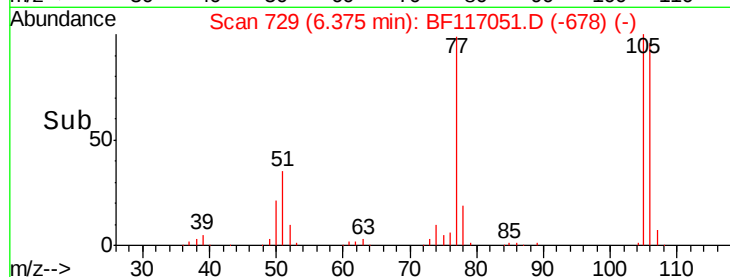
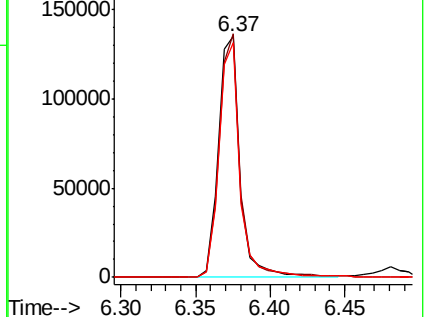
106 97.4 77.3 117.3



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: 44.839 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

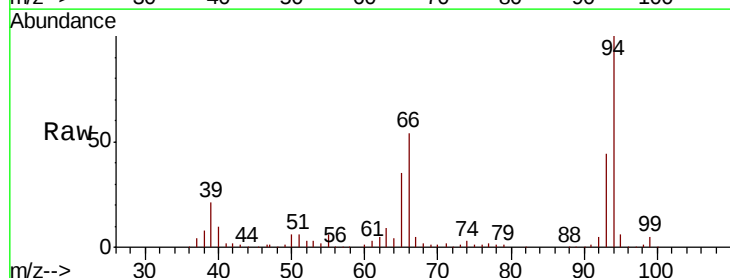
Tgt Ion: 94 Resp: 308320

Ion Ratio Lower Upper

94 100

65 34.6 12.5 52.5

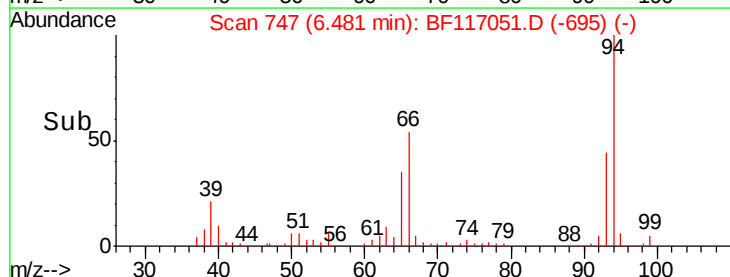
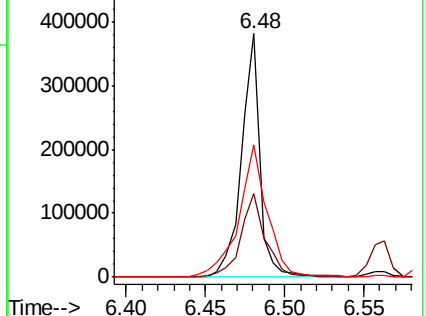
66 54.1 28.9 68.9

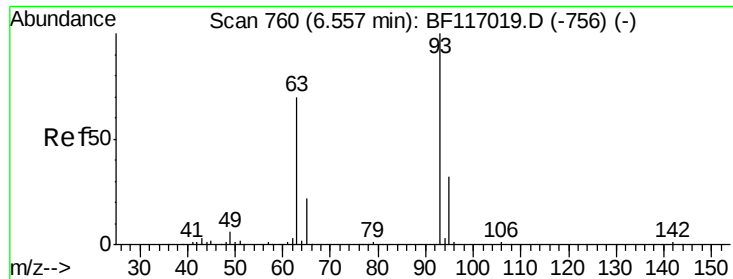


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

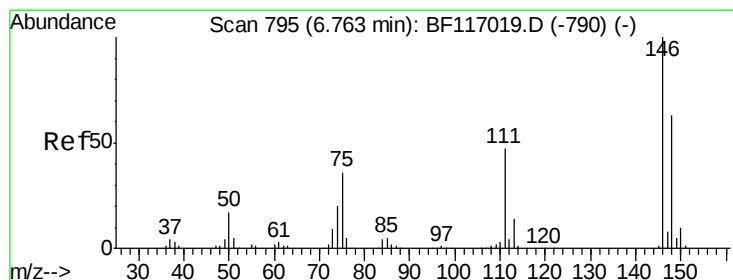
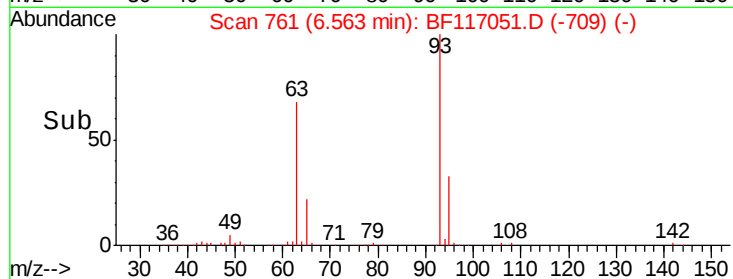
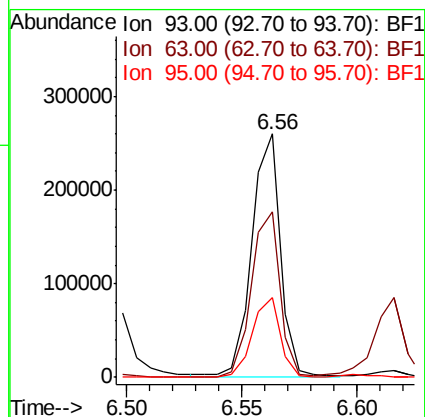
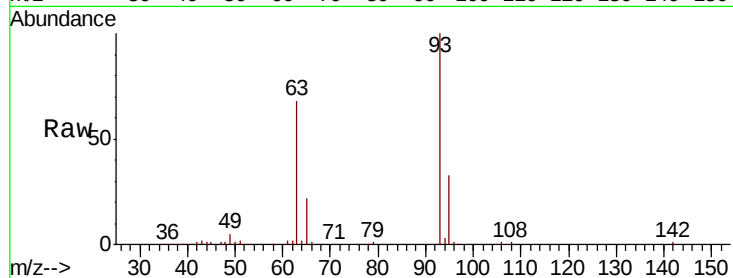




#11
bis(2-Chloroethyl)ether
Concen: 45.254 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

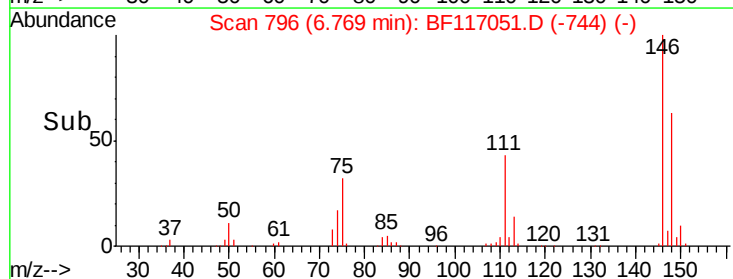
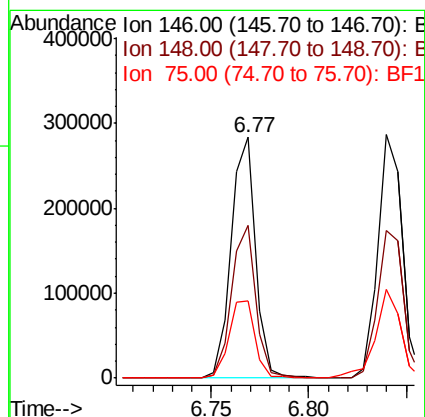
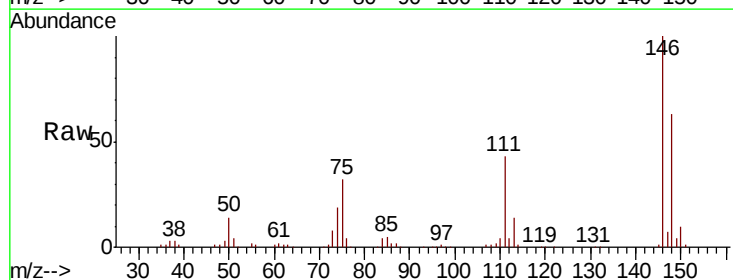
Instrument :
BNA_F
ClientSampleId :

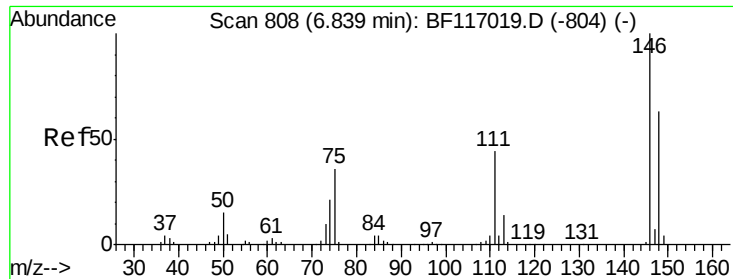
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	49.3	89.3
95	32.7	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 42.234 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
75	31.9	28.7	43.1

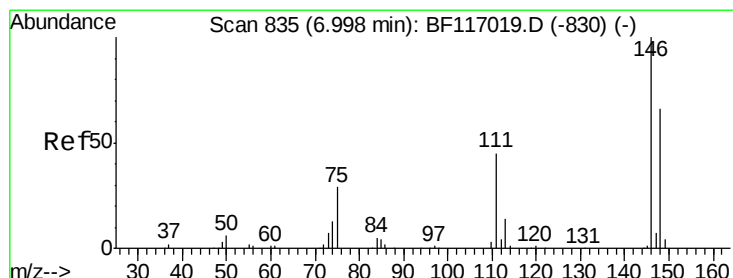
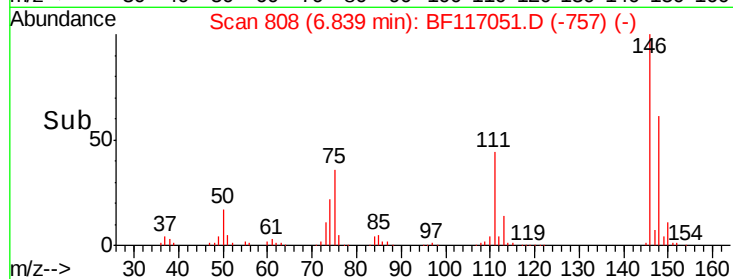
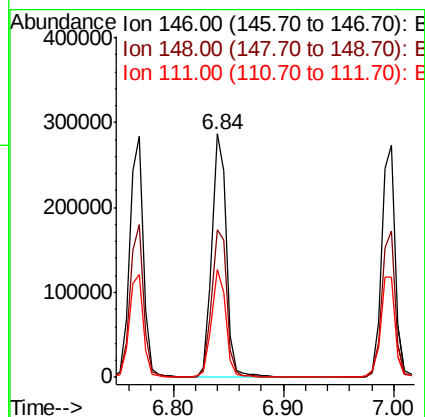
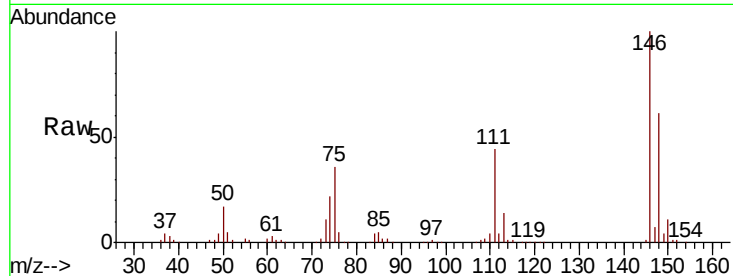




#13
 1,4-Dichlorobenzene
 Concen: 42.943 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

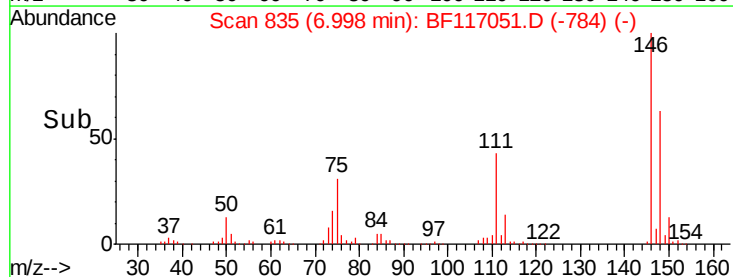
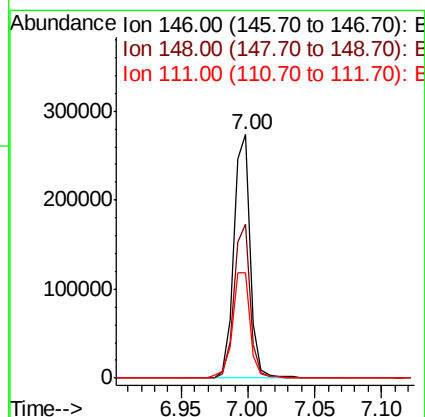
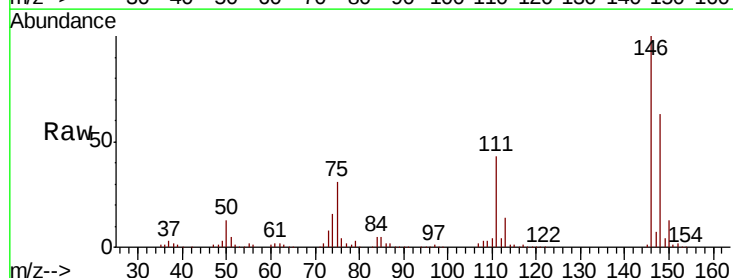
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.6	76.0
111	44.5	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 42.990 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.6	78.8
111	43.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 46.037 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampled :

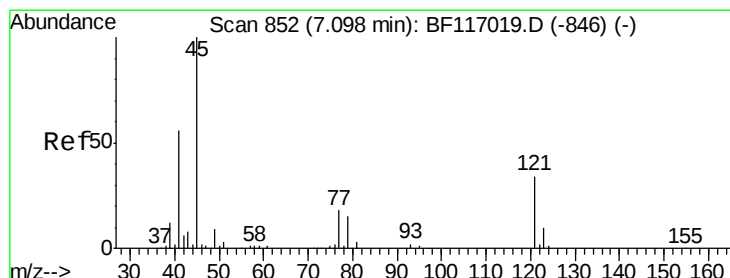
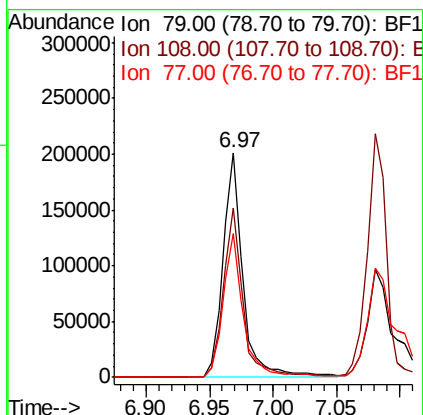
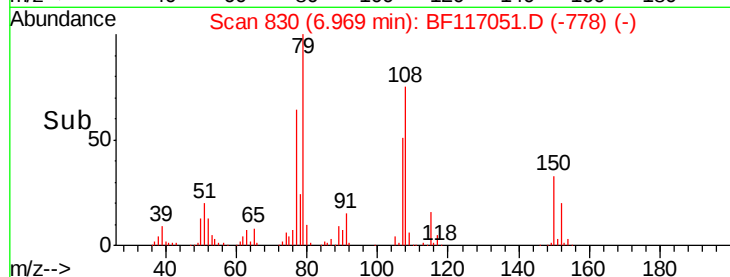
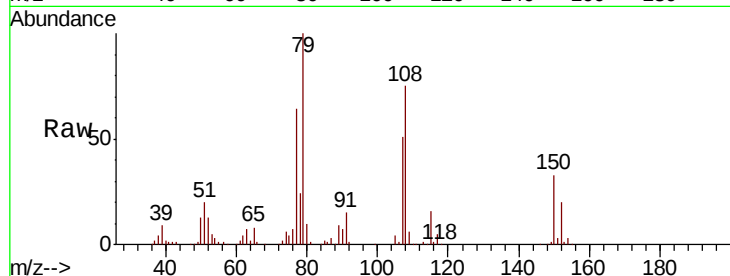
Tot Ion: 79 Resp: 220199

Ion Ratio Lower Upper

79 100

108 75.4 59.4 89.0

77 64.0 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.860 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

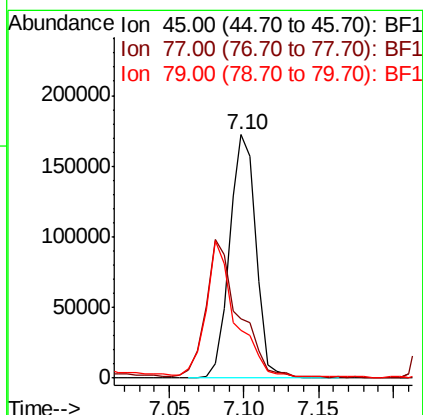
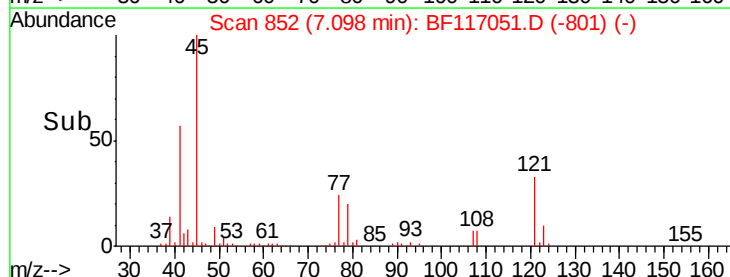
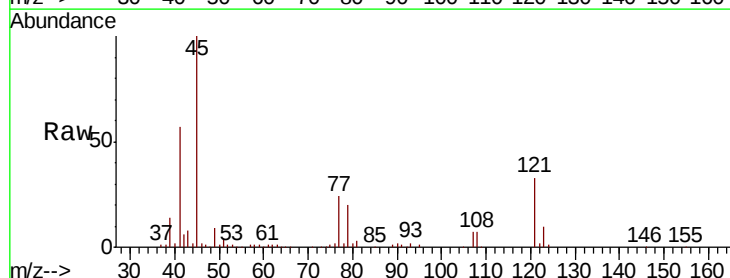
Tgt Ion: 45 Resp: 213998

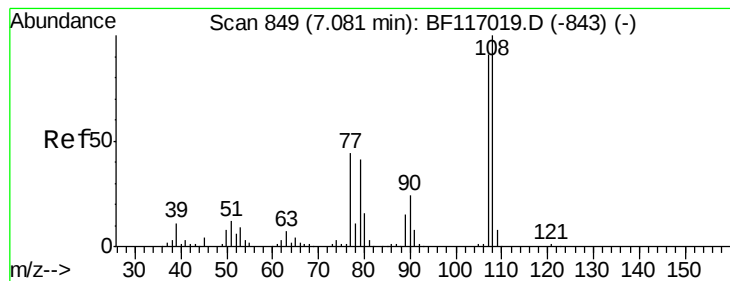
Ion Ratio Lower Upper

45 100

77 24.5 2.7 42.7

79 19.6 0.0 38.9





#17

2-Methylphenol

Concen: 45.872 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 200172

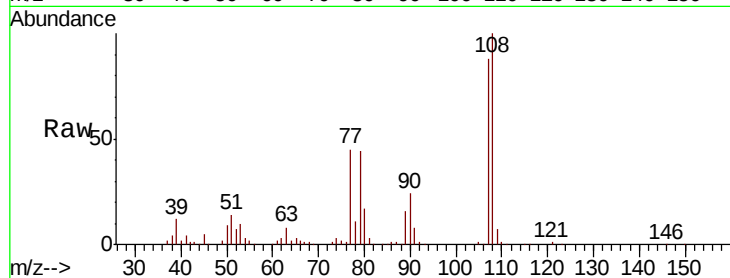
Ion Ratio Lower Upper

107 100

108 113.5 87.7 131.5

77 51.2 38.6 58.0

79 50.5 36.8 55.2

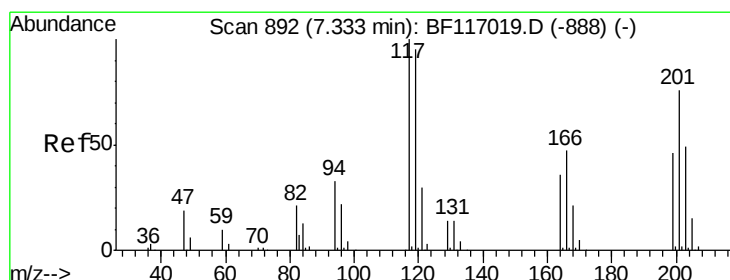
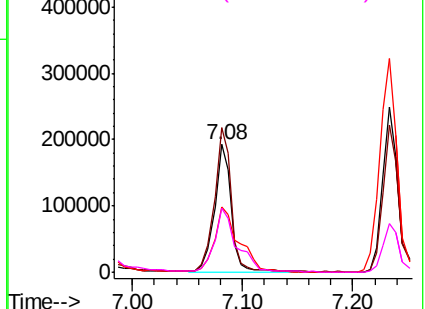
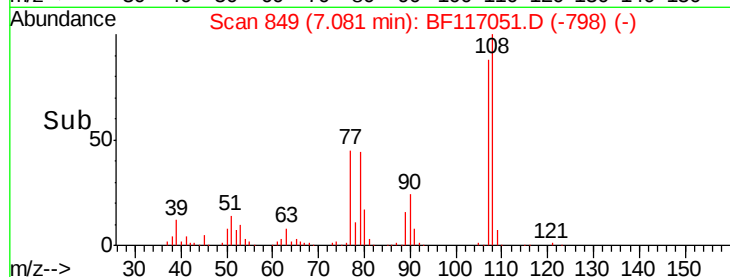


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.728 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

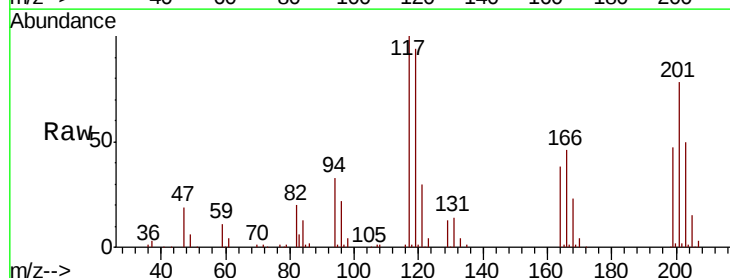
Tgt Ion:117 Resp: 100301

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

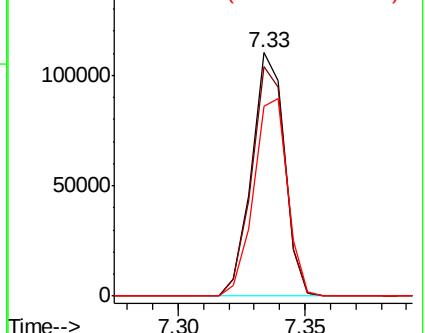
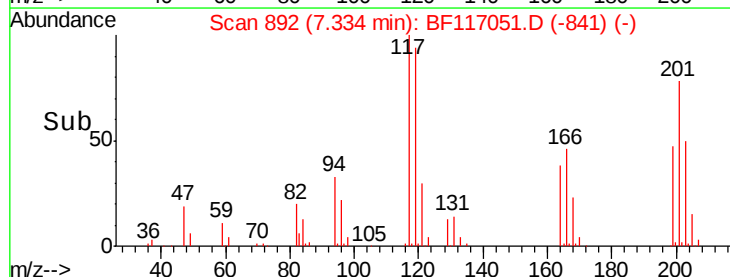
201 78.1 60.9 91.3

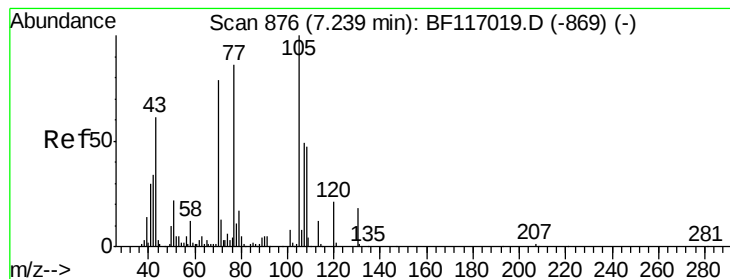


Abundance Ion 117.00 (116.70 to 117.70): E

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: 45.940 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 174486

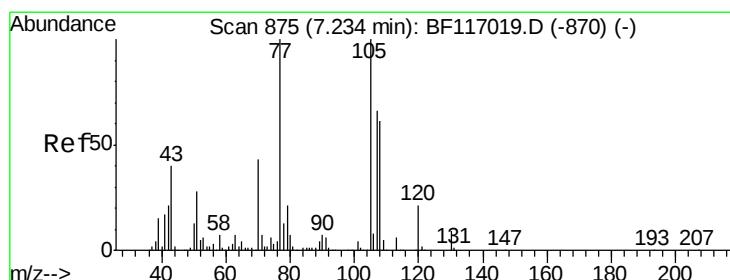
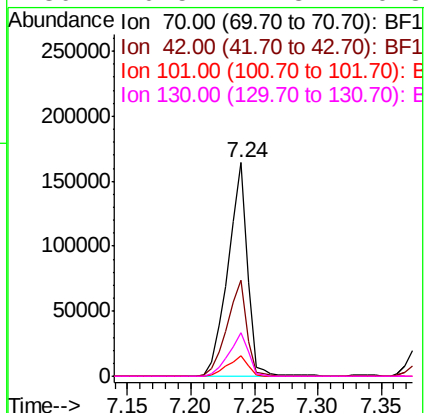
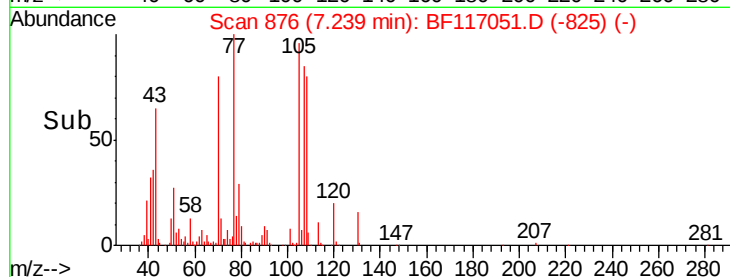
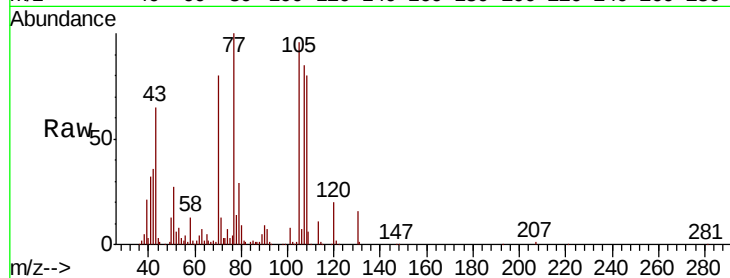
Ion Ratio Lower Upper

70 100

42 44.9 34.0 51.0

101 9.5 7.8 11.6

130 20.5 17.8 26.8



#20

3+4-Methylphenols

Concen: 46.260 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:107 Resp: 251439

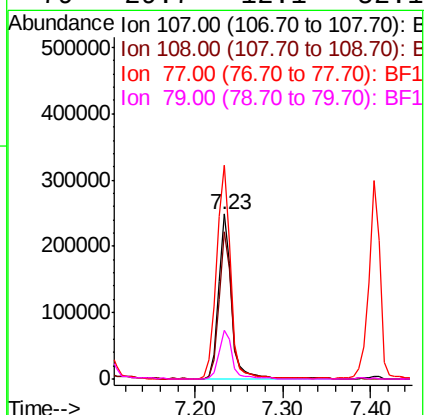
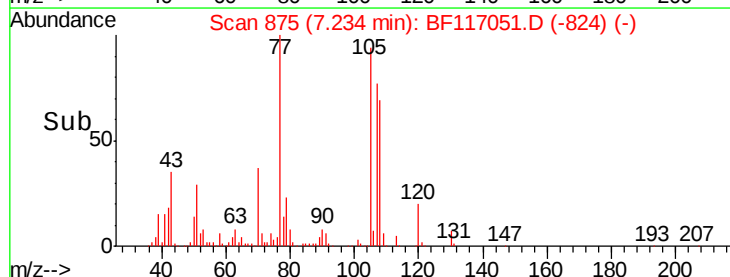
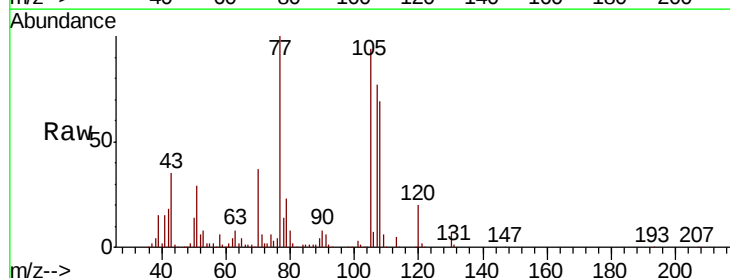
Ion Ratio Lower Upper

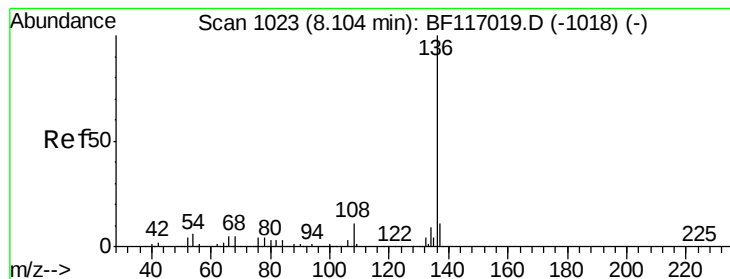
107 100

108 89.7 72.6 112.6

77 129.8 132.1 172.1#

79 29.7 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: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 323219

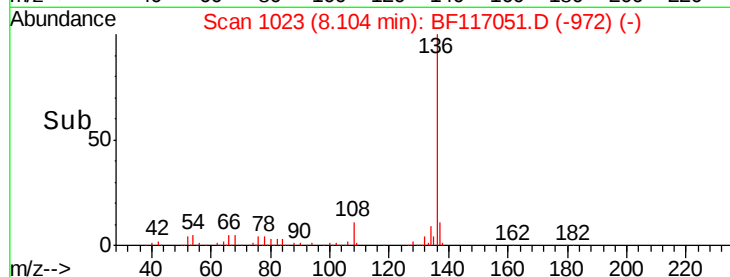
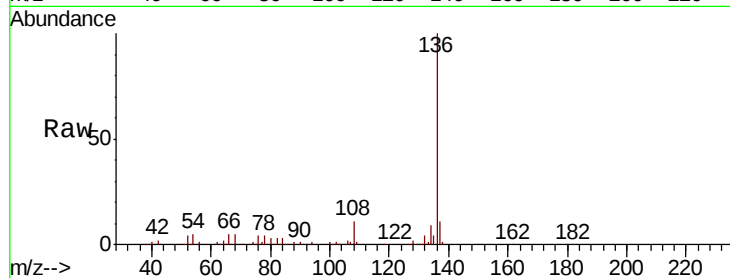
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.5 4.5 6.7

68 4.6 4.0 6.0



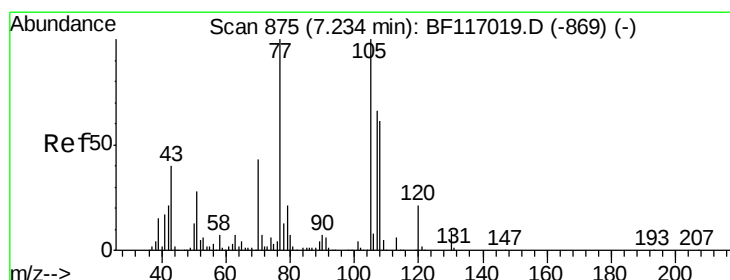
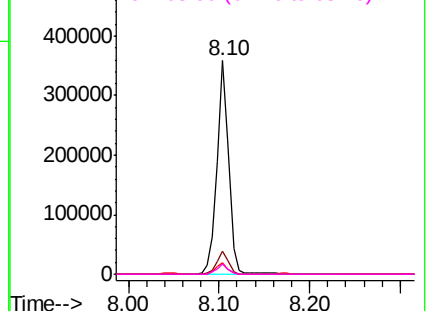
Abundance

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: 42.703 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:105 Resp: 350676

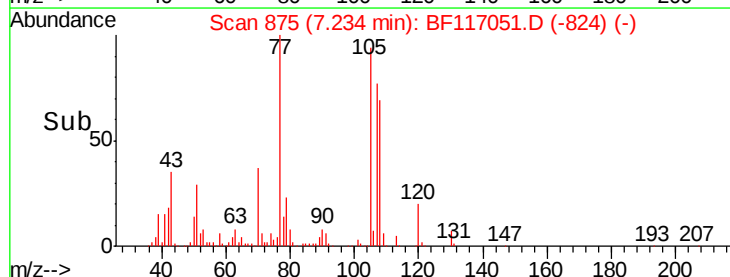
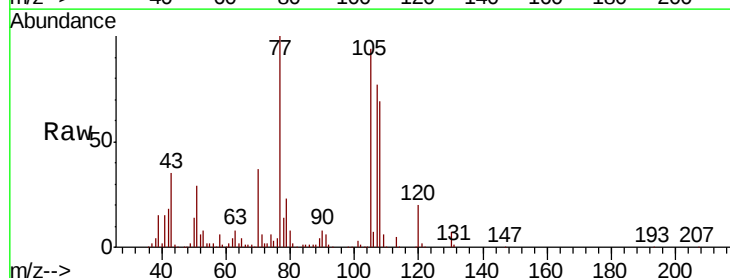
Ion Ratio Lower Upper

105 100

71 6.6 5.7 8.5

51 30.7 22.1 33.1

120 21.1 17.1 25.7



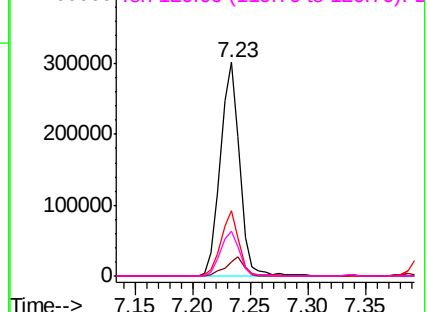
Abundance

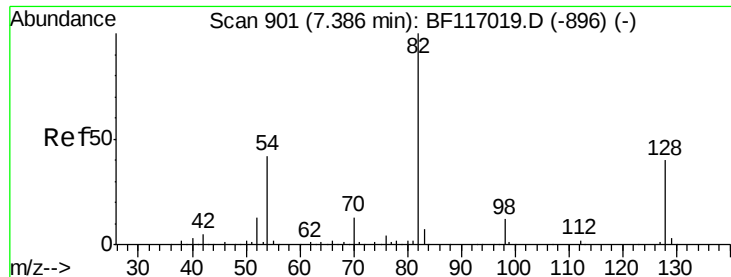
Ion 105.00 (104.70 to 105.70): E

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

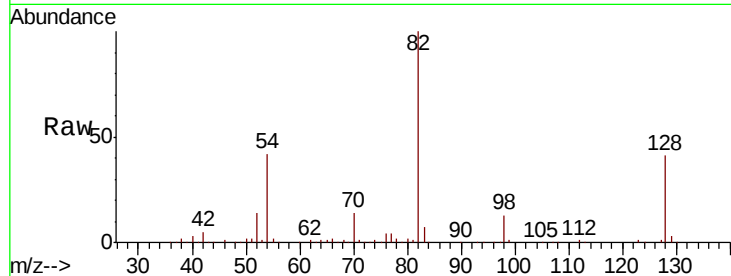




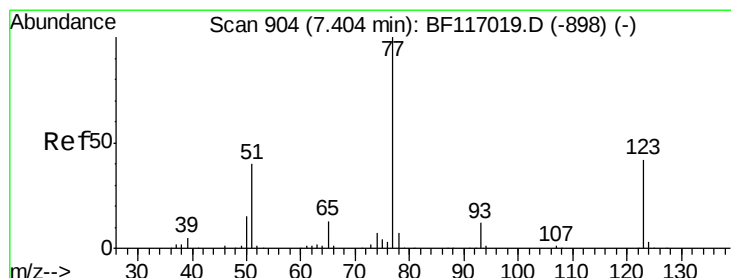
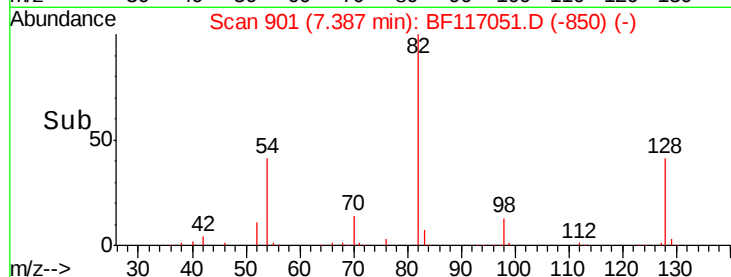
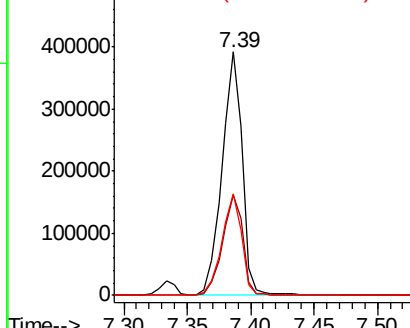
#23
Nitrobenzene-d5
Concen: 70.206 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	431877
Ion Ratio	100	Lower	Upper
128	41.0	32.3	48.5
54	41.8	33.3	49.9

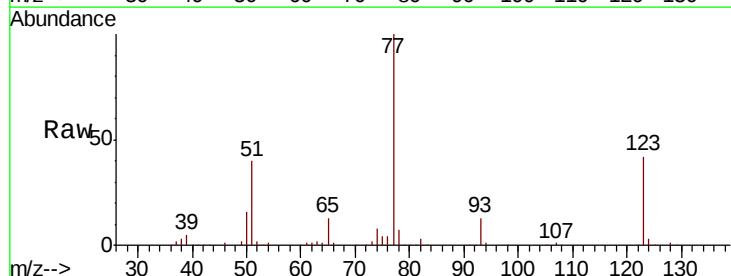


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

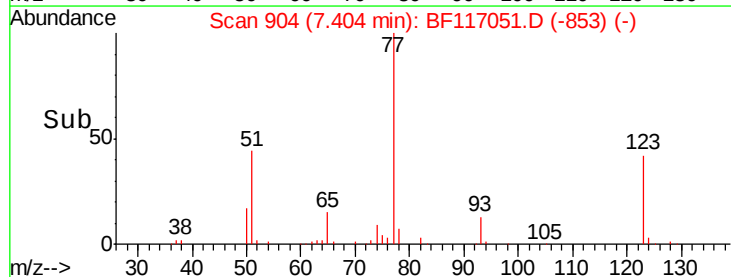
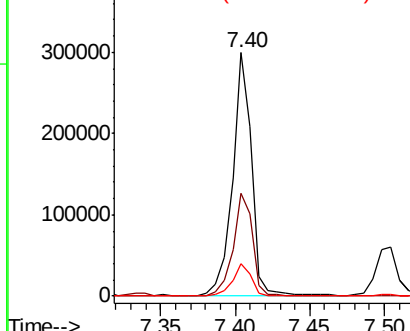


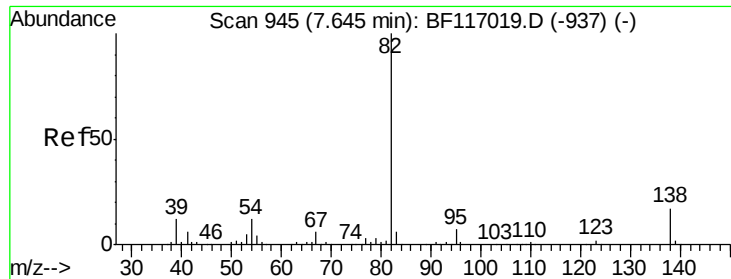
#24
Nitrobenzene
Concen: 43.691 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	77	Resp	265421
Ion Ratio	100	Lower	Upper
123	42.3	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: 44.323 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

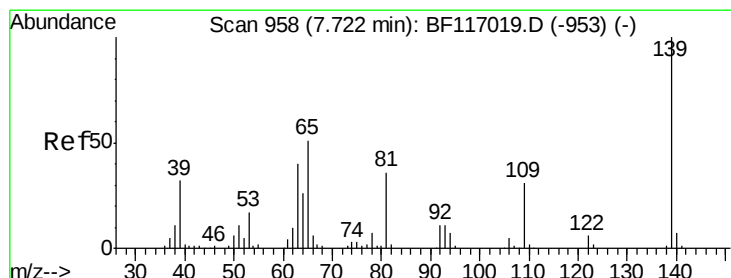
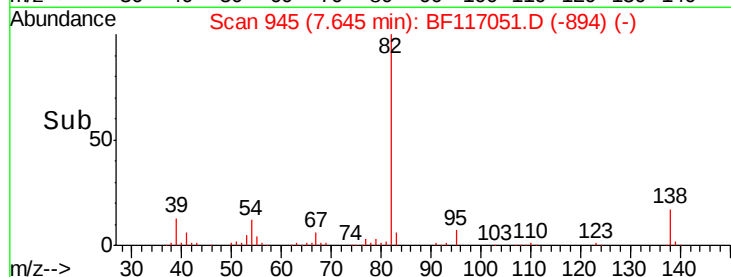
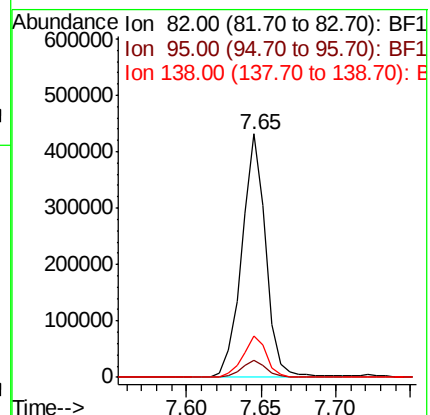
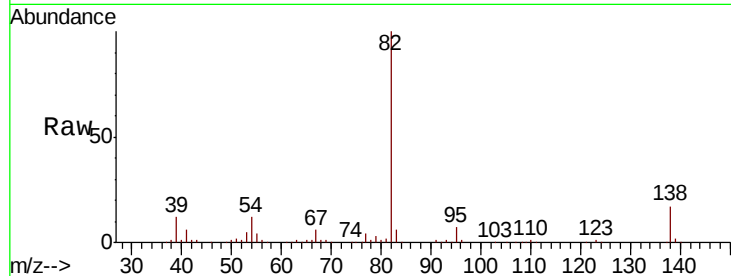
Tot Ion: 82 Resp: 482766

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 46.998 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

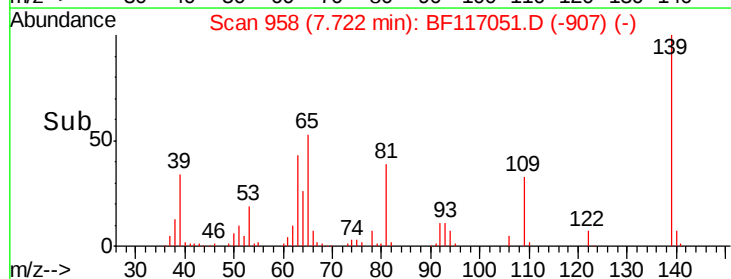
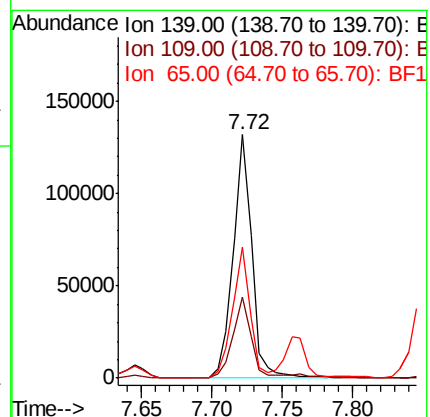
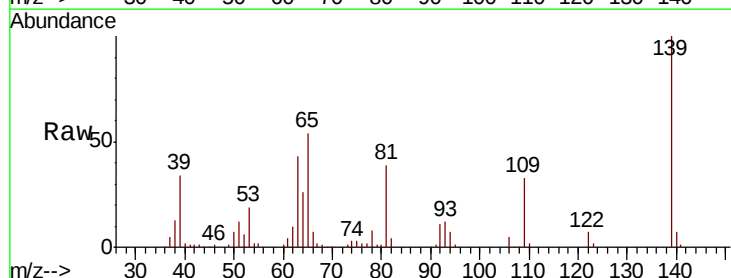
Tgt Ion: 139 Resp: 122637

Ion Ratio Lower Upper

139 100

109 33.5 24.6 36.8

65 54.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.795 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

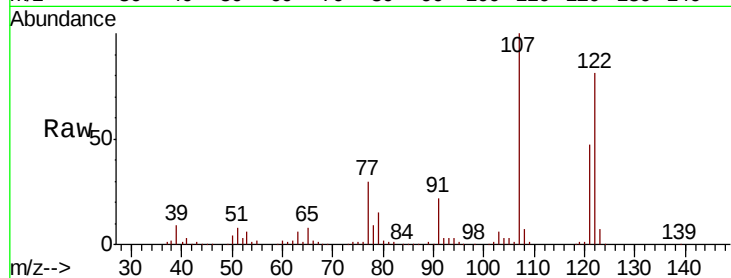
Tot Ion:122 Resp: 206051

Ion Ratio Lower Upper

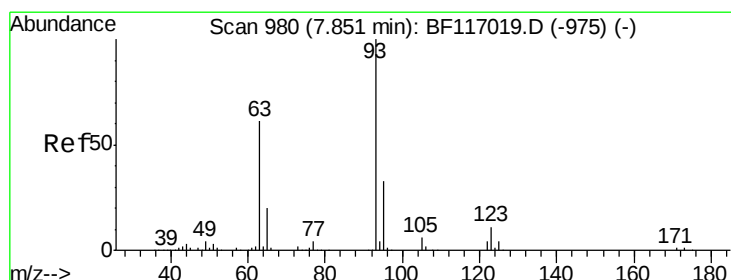
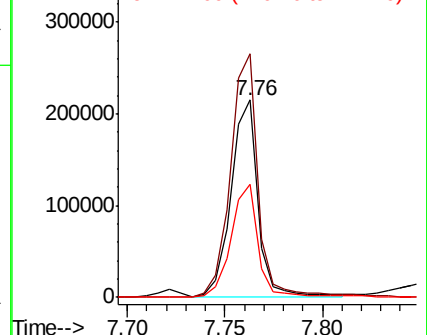
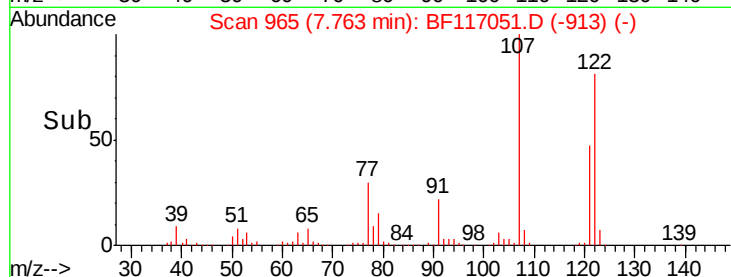
122 100

107 123.3 98.9 148.3

121 57.4 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: 42.898 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

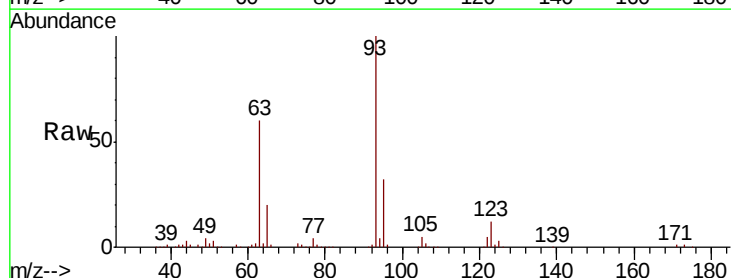
Tgt Ion: 93 Resp: 287873

Ion Ratio Lower Upper

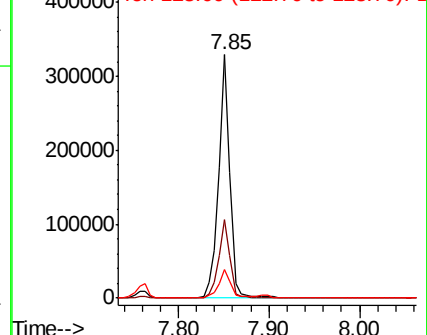
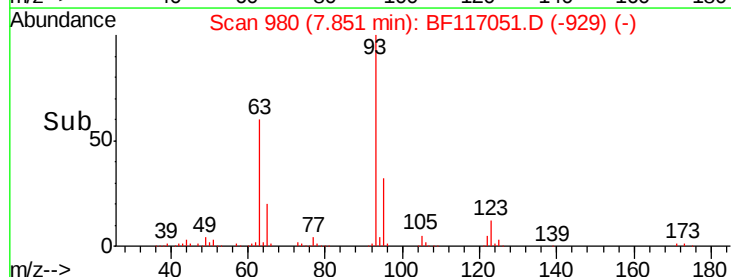
93 100

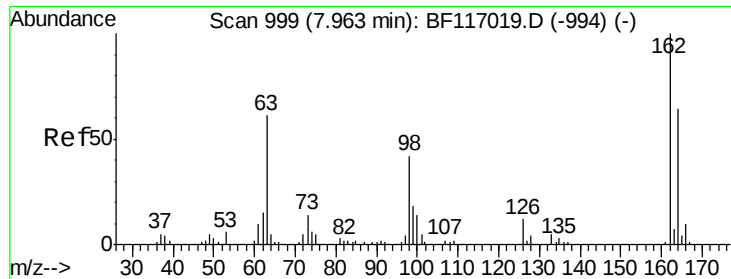
95 32.3 26.2 39.4

123 11.7 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

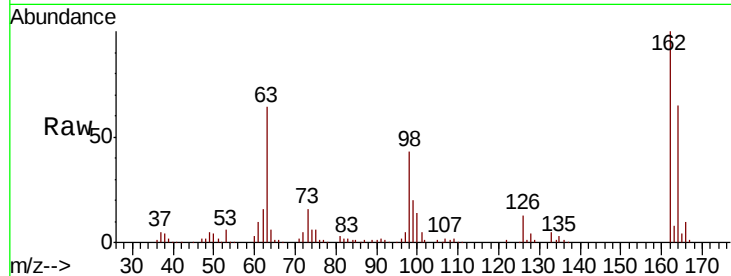




#29
 2,4-Dichlorophenol
 Concen: 45.359 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	43.3	22.1	62.1

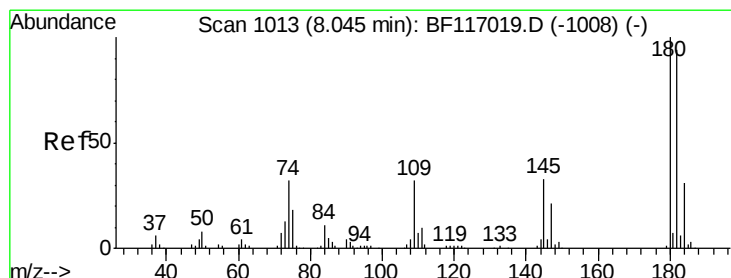
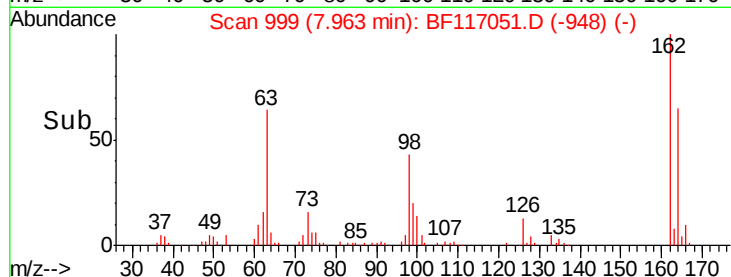
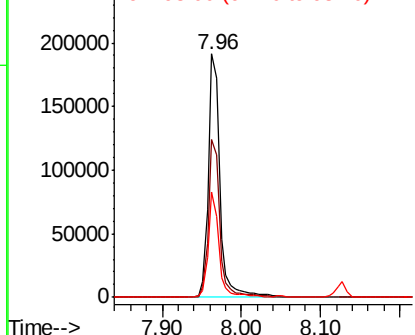


Abundance

Ion 162.00 (161.70 to 162.70): E

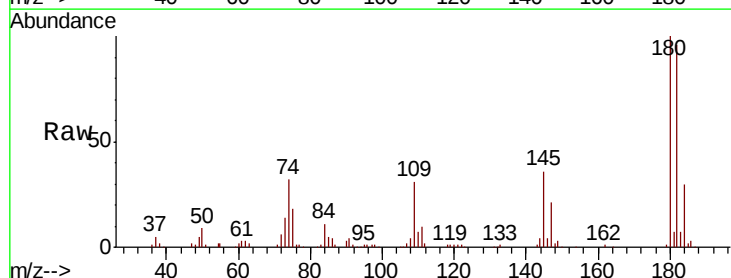
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.483 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	35.9	26.7	40.1

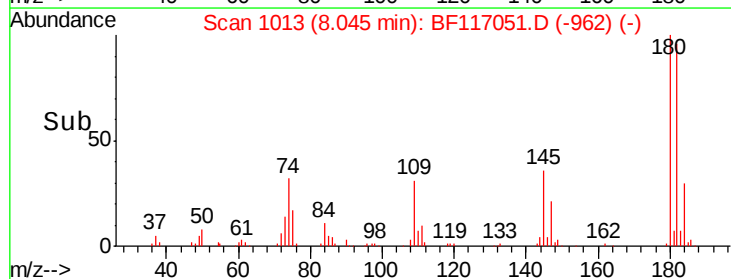
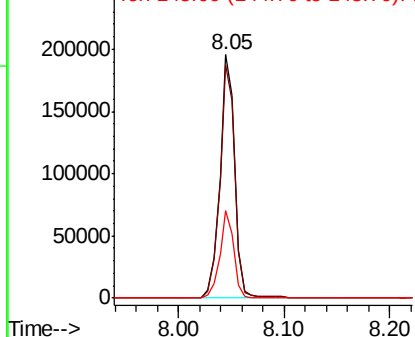


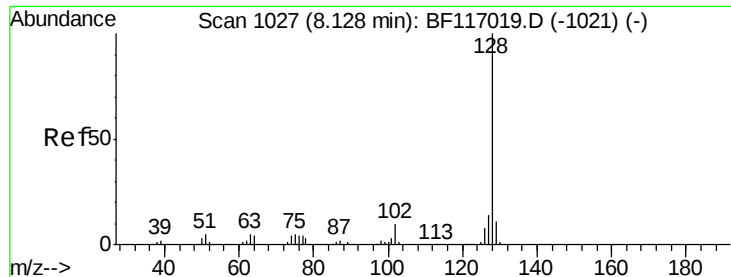
Abundance

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

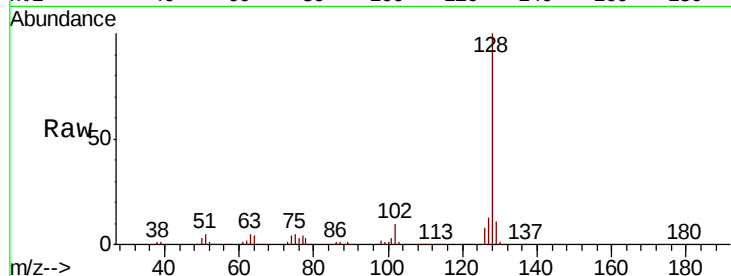




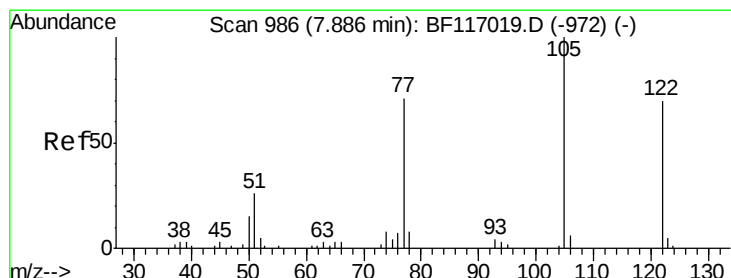
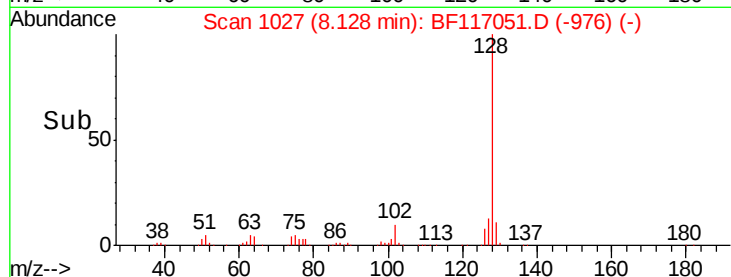
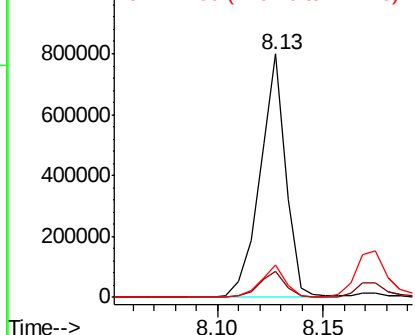
#31
Naphthalene
Concen: 43.720 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 679623
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.8 16.2

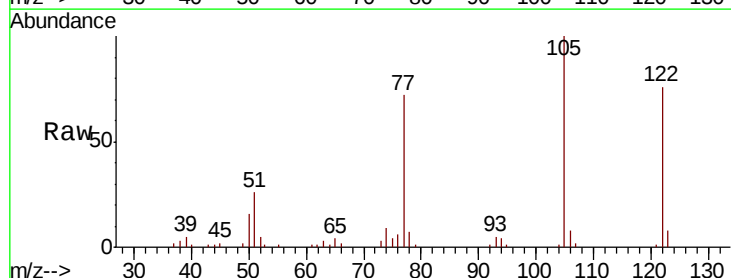


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

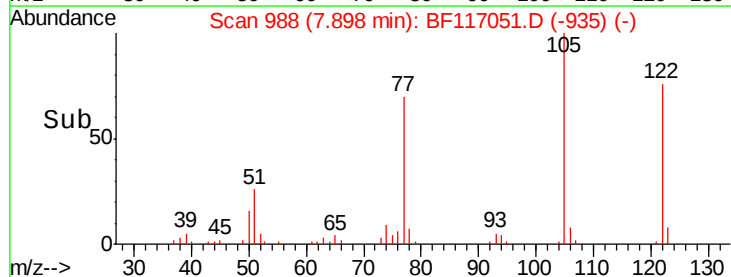
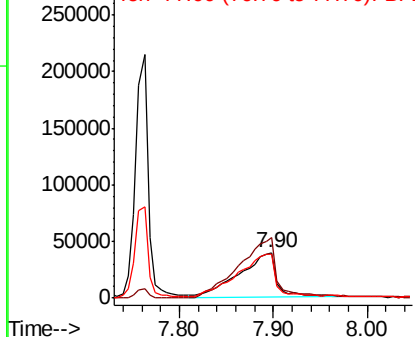


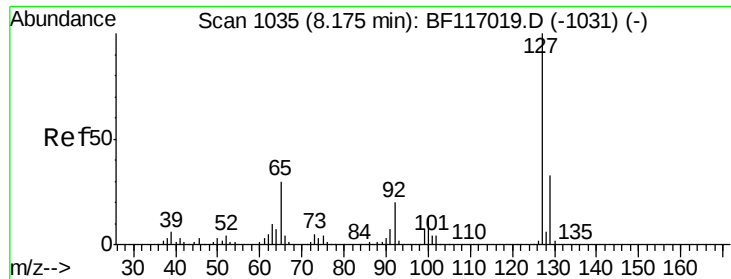
#32
Benzoic acid
Concen: 36.860 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:122 Resp: 109627
Ion Ratio Lower Upper
122 100
105 132.2 114.8 154.8
77 95.9 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

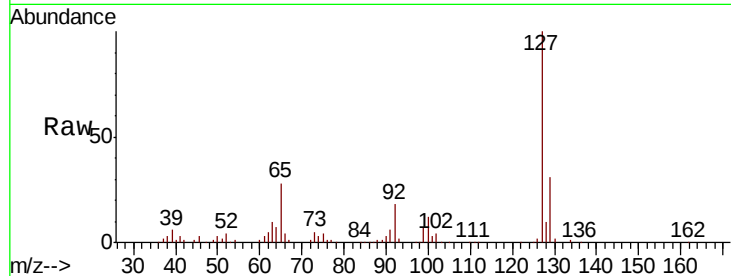




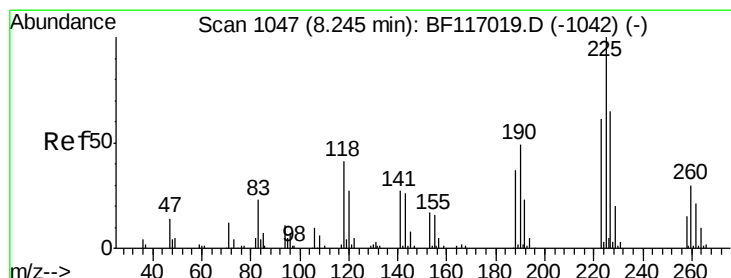
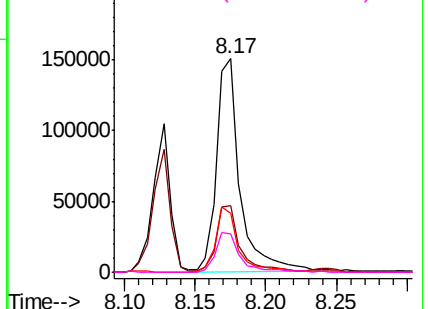
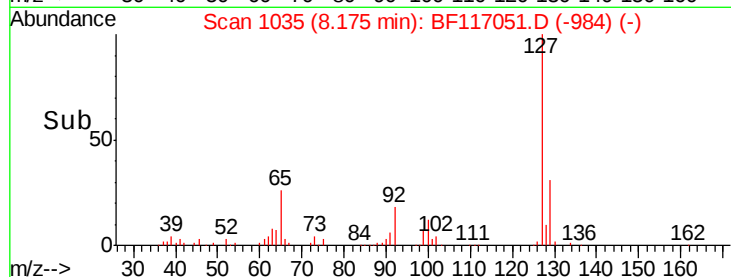
#33
4-Chloroaniline
Concen: 25.150 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	173397
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	27.7	23.5	35.3
92	18.3	15.9	23.9

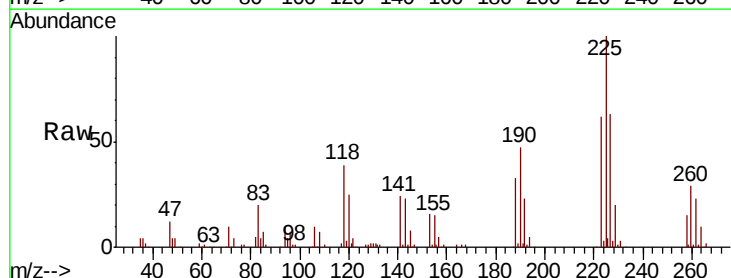


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

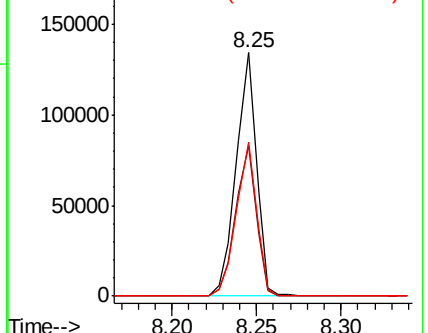
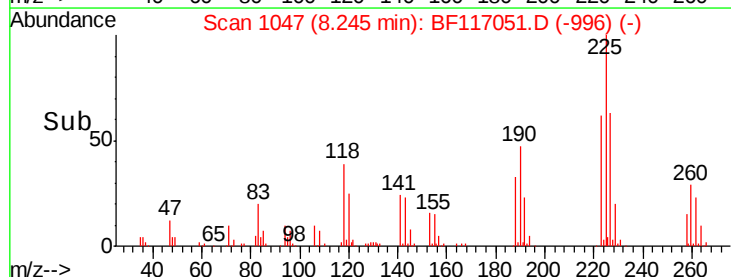


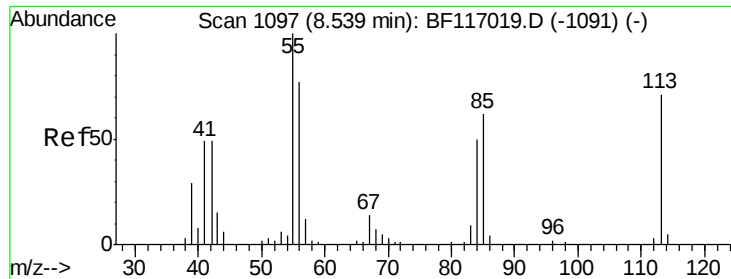
#34
Hexachlorobutadiene
Concen: 42.413 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:	225	Resp:	112719
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.1	73.7
227	63.0	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

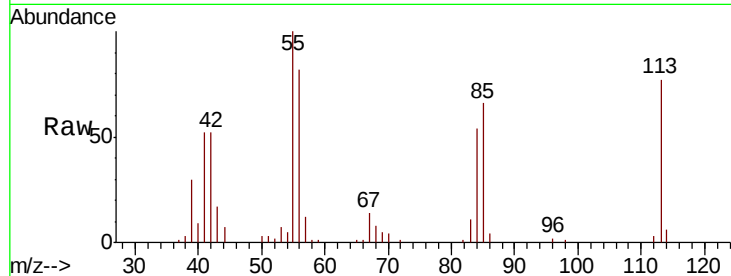




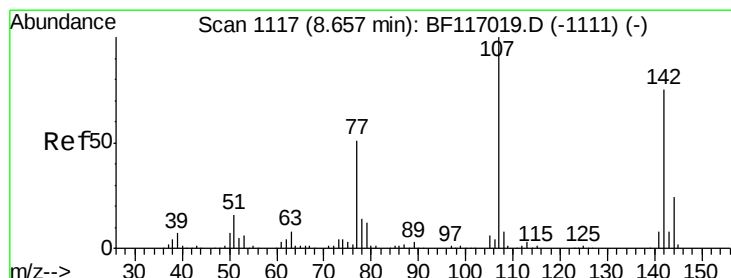
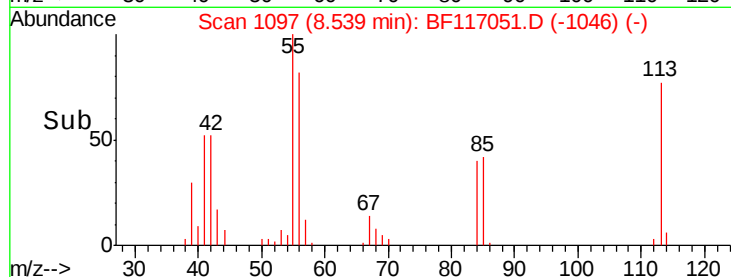
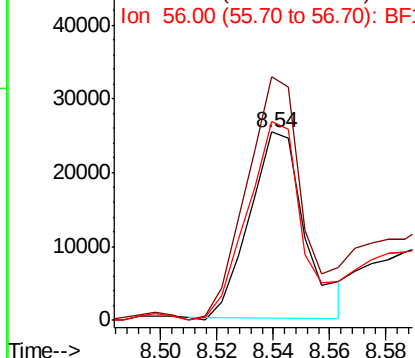
#35
 Caprolactam
 Concen: 23.099 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 33899
 Ion Ratio Lower Upper
 113 100
 55 129.4 120.6 160.6
 56 105.5 88.8 128.8

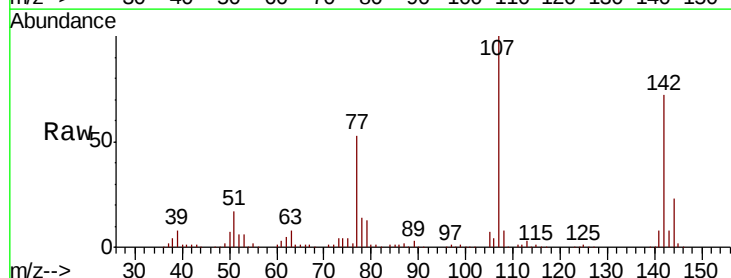


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

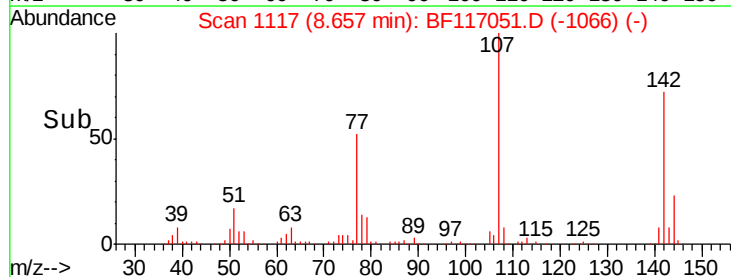
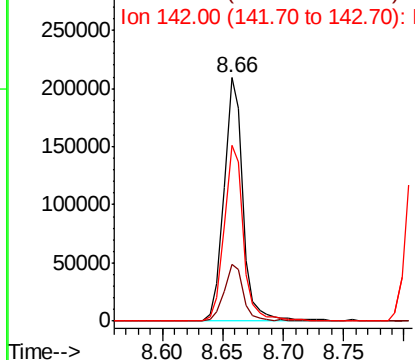


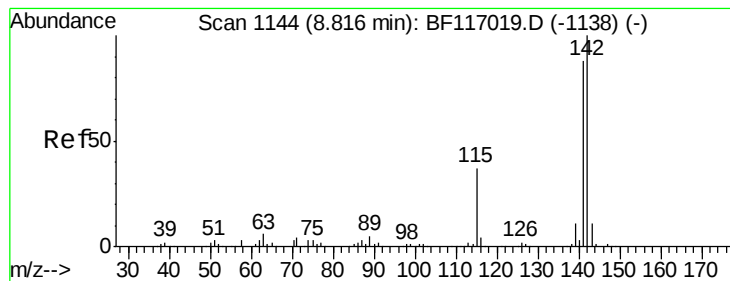
#36
 4-Chloro-3-methylphenol
 Concen: 45.063 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion:107 Resp: 227822
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.2 28.8
 142 72.4 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

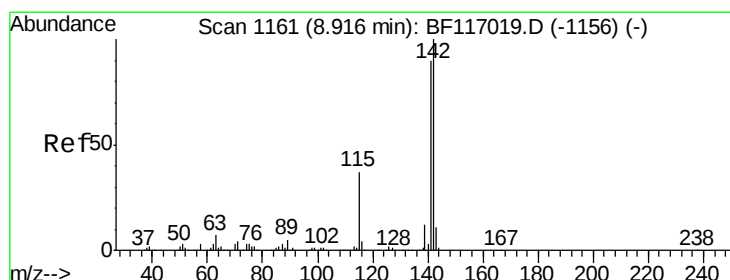
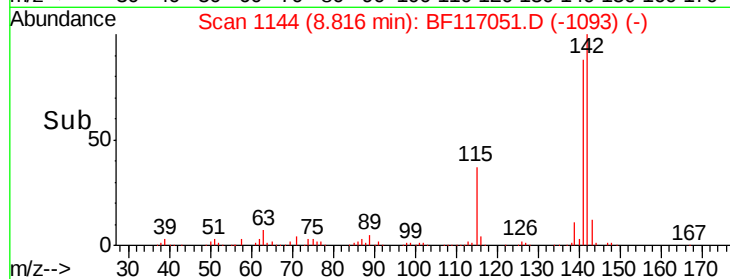
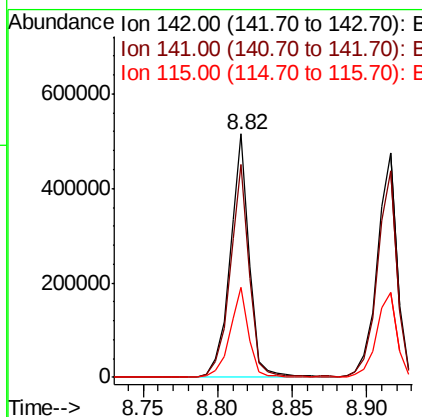
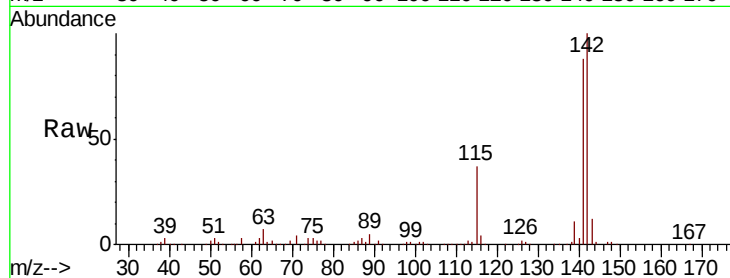




#37
2-Methylnaphthalene
Concen: 44.317 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

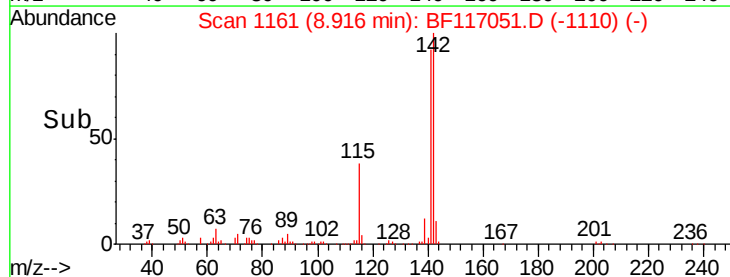
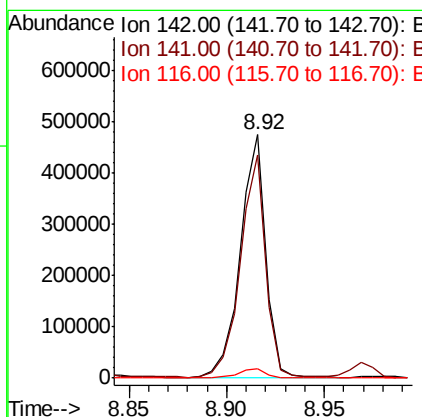
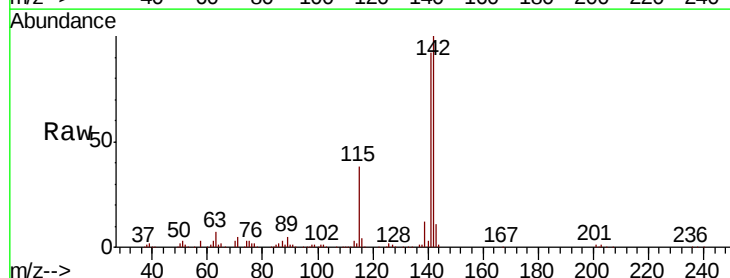
Instrument :
BNA_F
ClientSampleId :

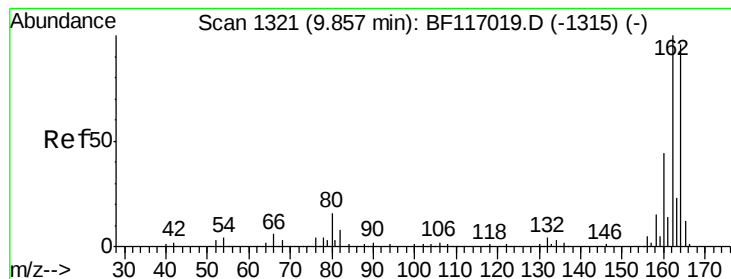
Tot Ion:142 Resp: 463901
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1
115 36.9 29.4 44.0



#38
1-Methylnaphthalene
Concen: 43.362 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:142 Resp: 425122
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9
116 4.0 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: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

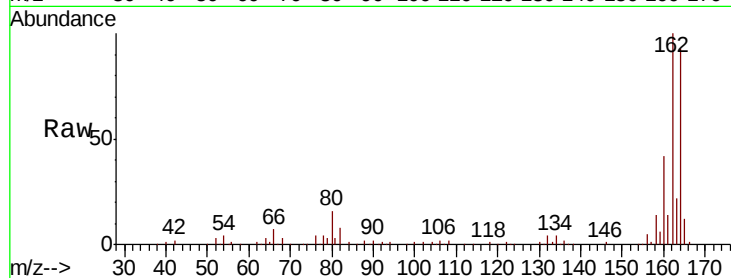
Tot Ion:164 Resp: 164797

Ion Ratio Lower Upper

164 100

162 107.7 83.4 125.2

160 45.5 36.4 54.6

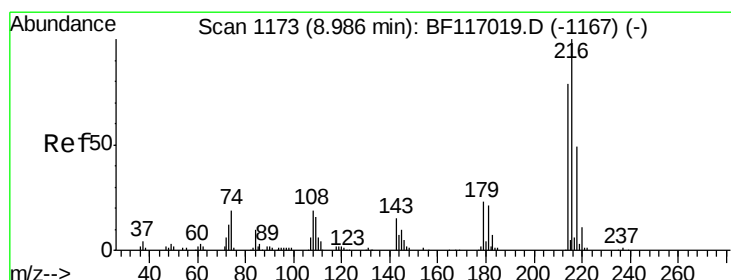
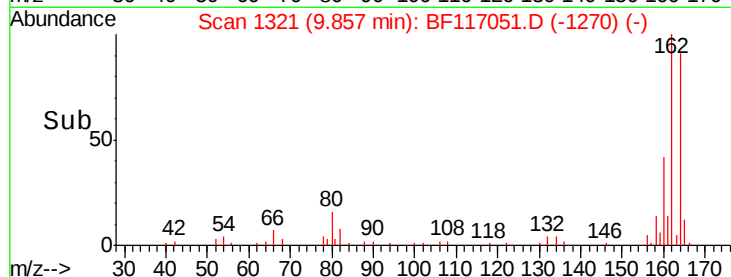
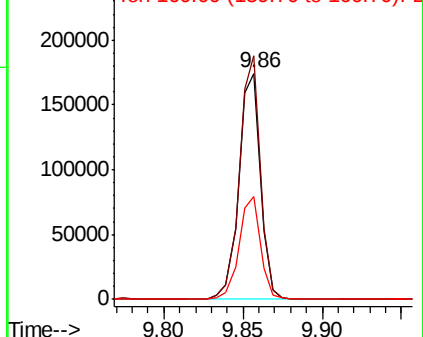


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.551 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Tgt Ion:216 Resp: 181075

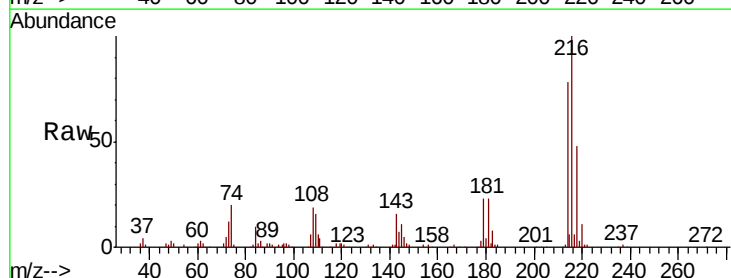
Ion Ratio Lower Upper

216 100

214 79.8 63.6 95.4

179 23.8 18.3 27.5

108 25.6 17.8 26.6



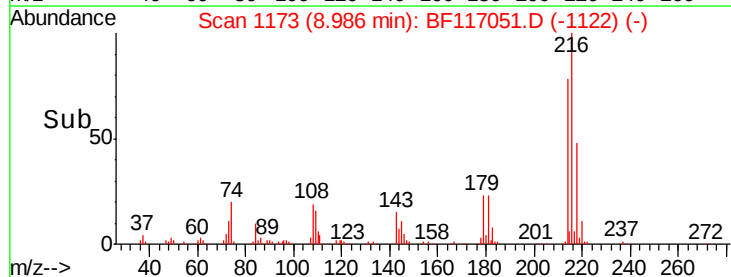
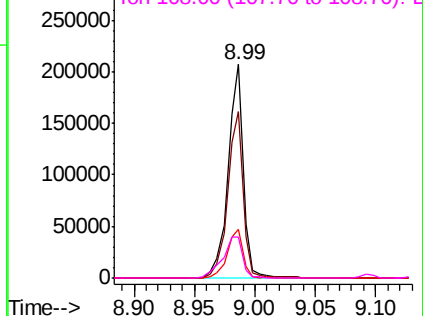
Abundance

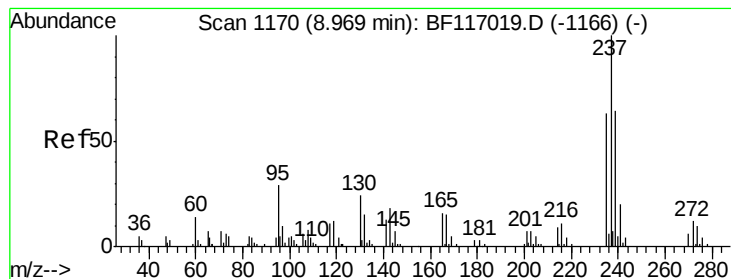
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.368 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampled :

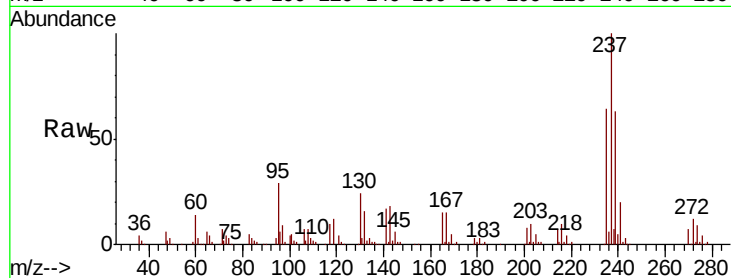
Tot Ion:237 Resp: 167936

Ion Ratio Lower Upper

237 100

235 64.4 43.2 83.2

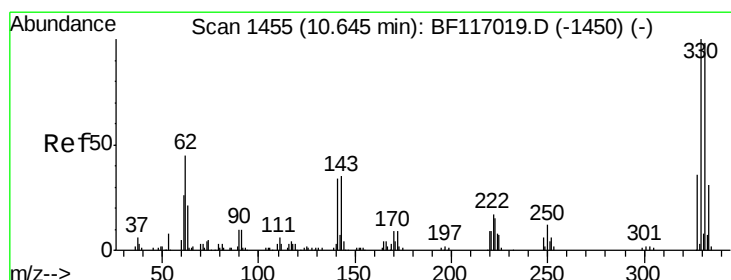
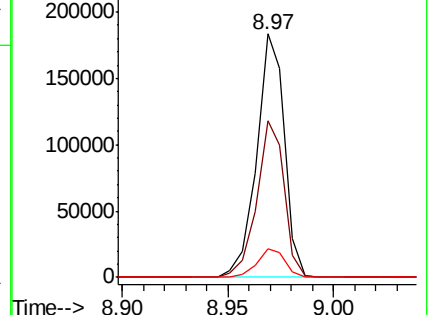
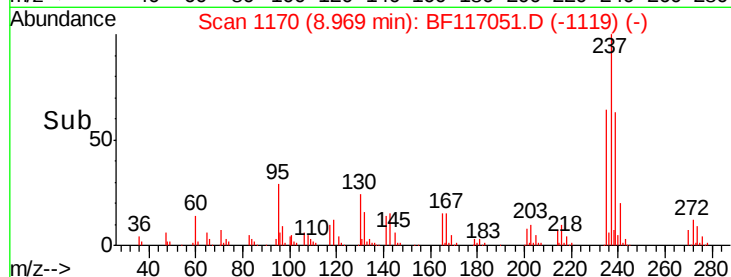
272 11.7 0.0 31.9



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: 116.895 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

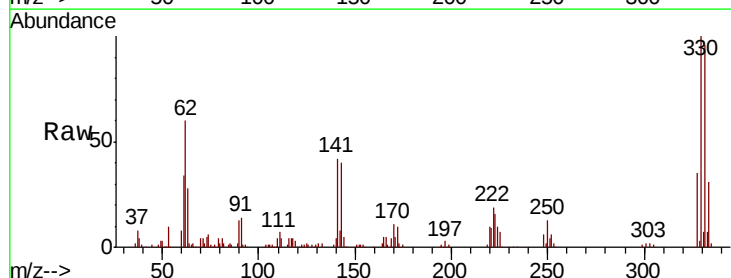
Tgt Ion:330 Resp: 161002

Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

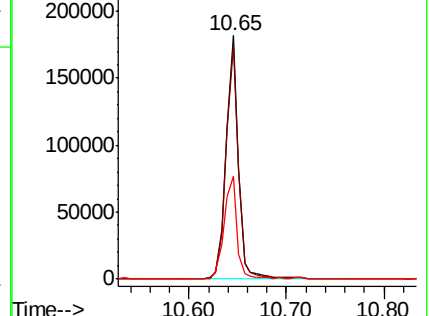
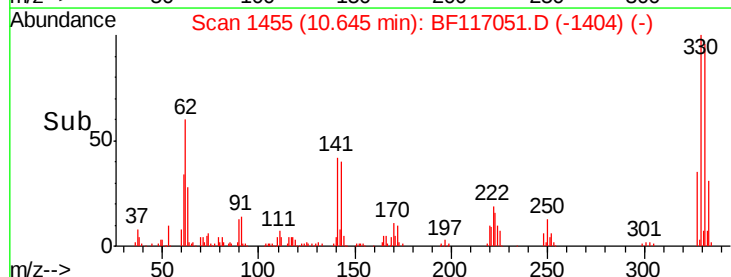
141 44.0 35.8 53.6



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

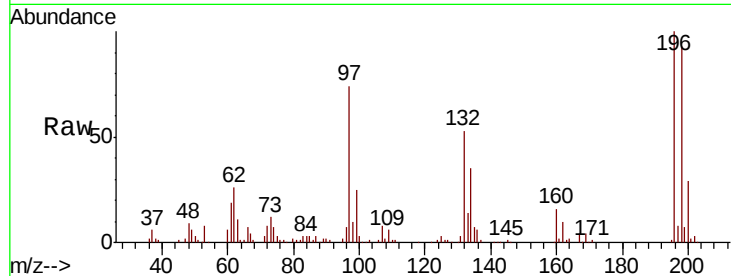




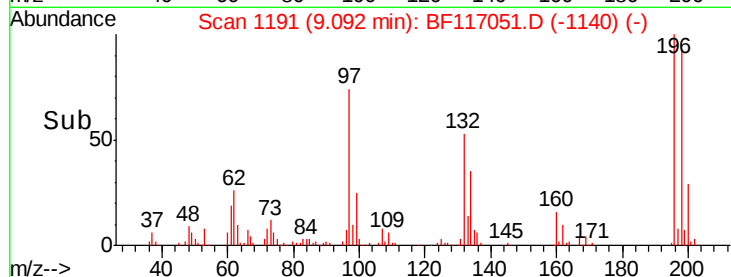
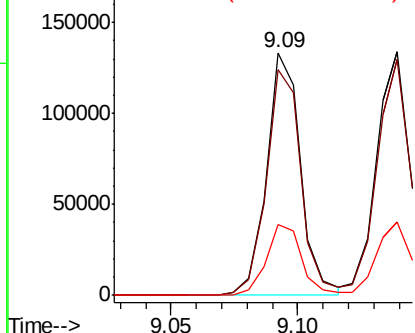
#43
 2,4,6-Trichlorophenol
 Concen: 43.332 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 125139
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 29.3 23.3 34.9

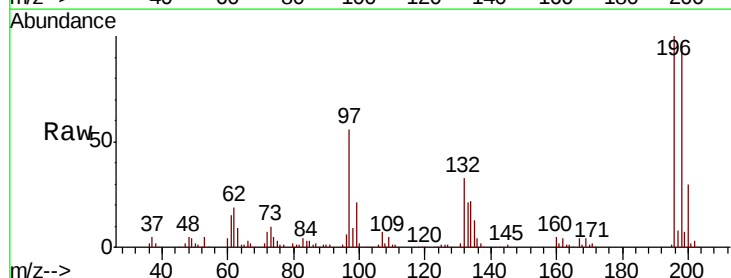


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

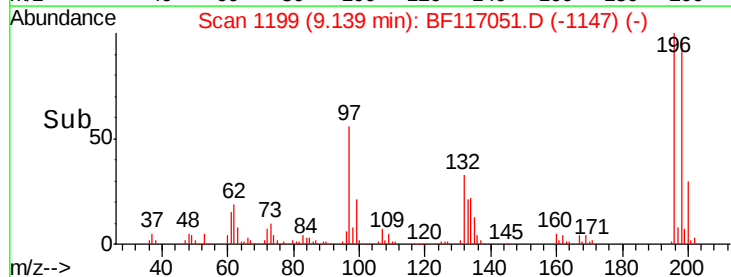
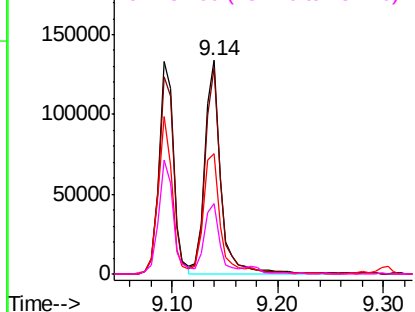


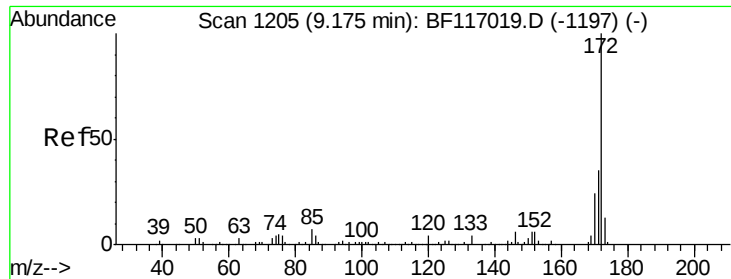
#44
 2,4,5-Trichlorophenol
 Concen: 44.965 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion:196 Resp: 138737
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.6 112.0
 97 56.5 49.5 74.3
 132 32.9 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

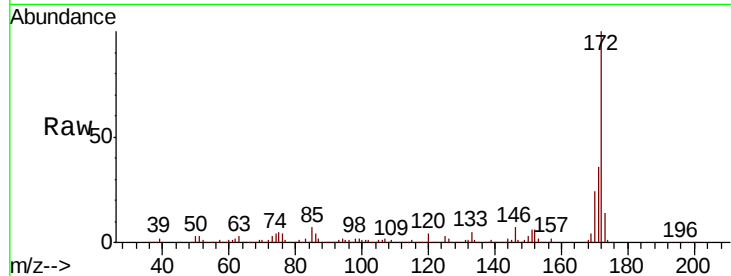




#45
2-Fluorobiphenyl
Concen: 72.650 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.6	18.9	28.3

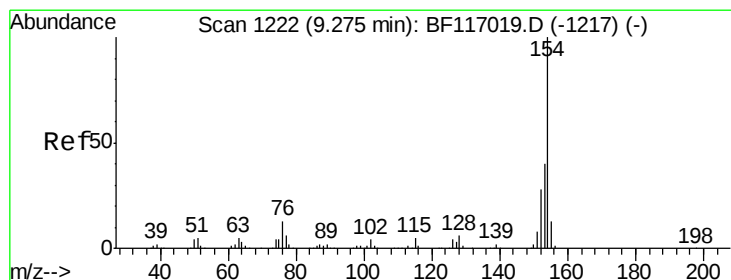
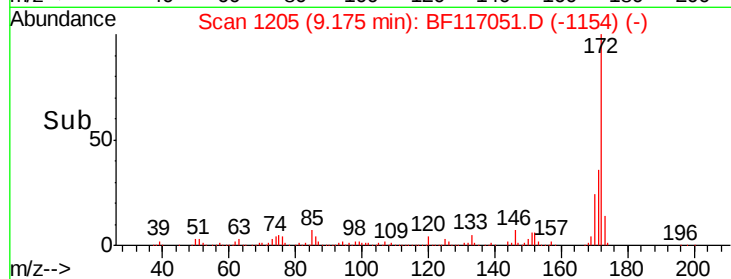
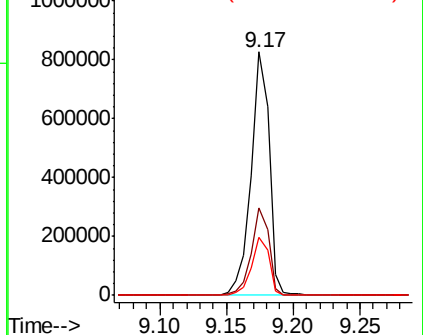


Abundance

Ion 172.00 (171.70 to 172.70): E

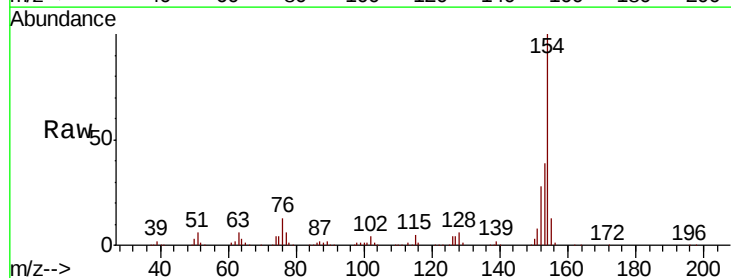
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.514 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	12.8	0.0	32.7

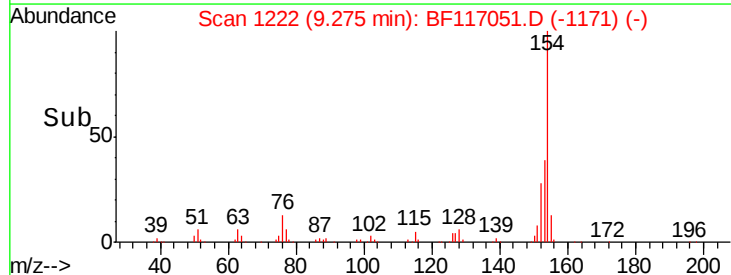
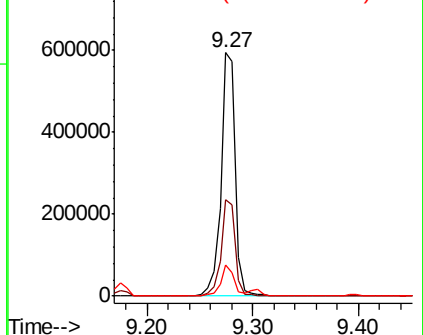


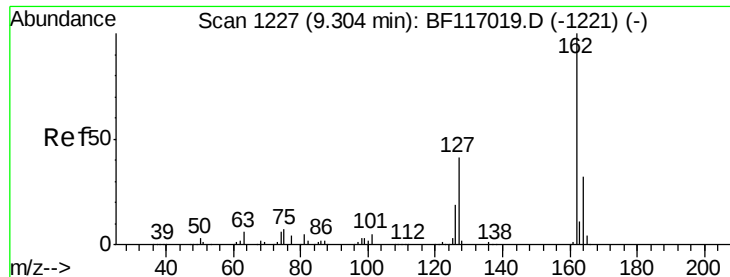
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

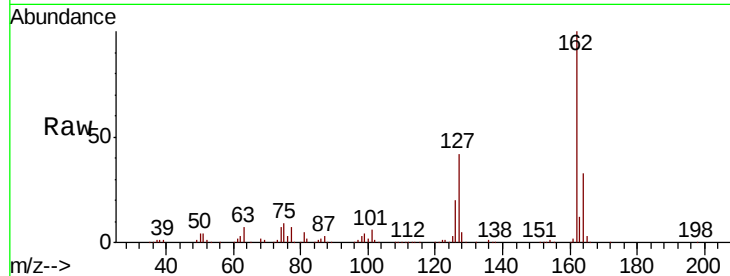




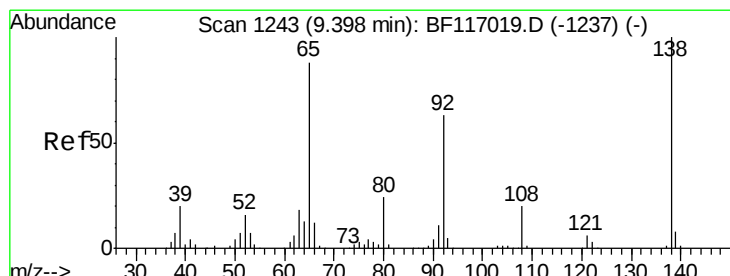
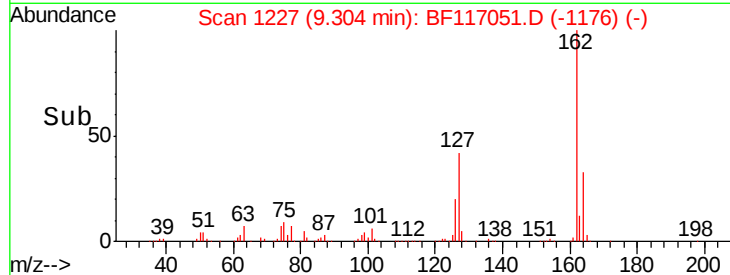
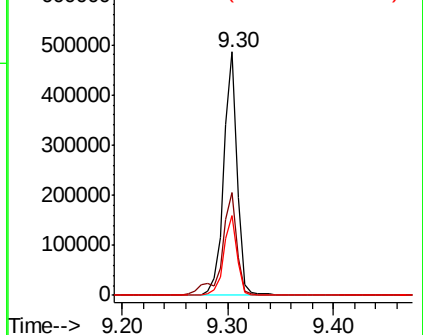
#47
2-Chloronaphthalene
Concen: 42.389 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	34.1	51.1
164	33.0	25.9	38.9

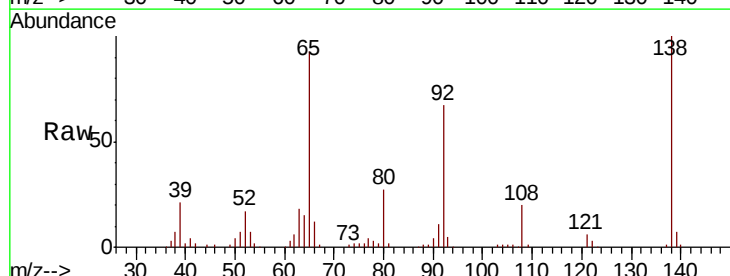


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

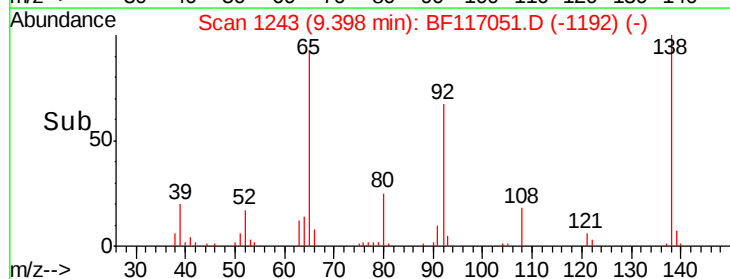
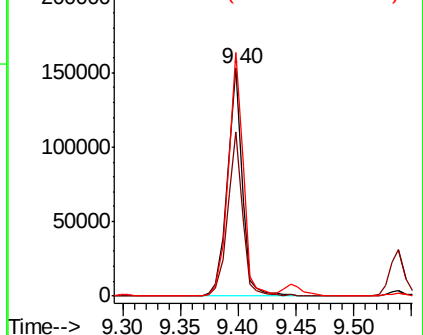


#48
2-Nitroaniline
Concen: 41.978 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.5	86.3
138	107.0	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

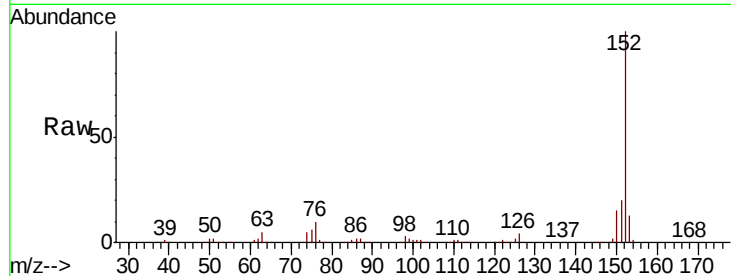




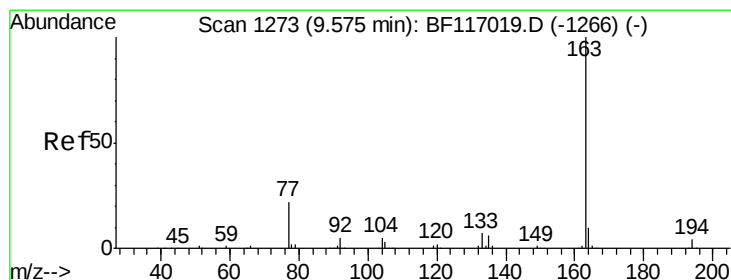
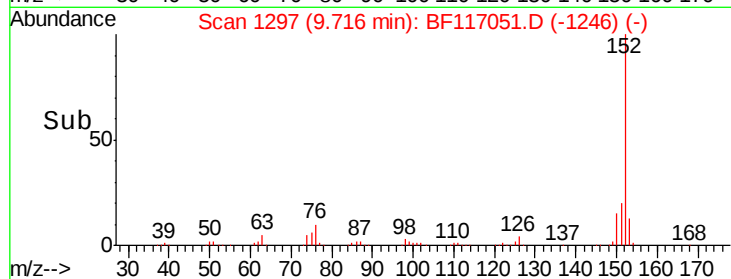
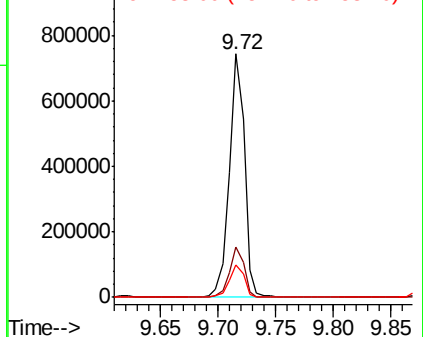
#49
Acenaphthylene
Concen: 44.444 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.3	10.2	15.4

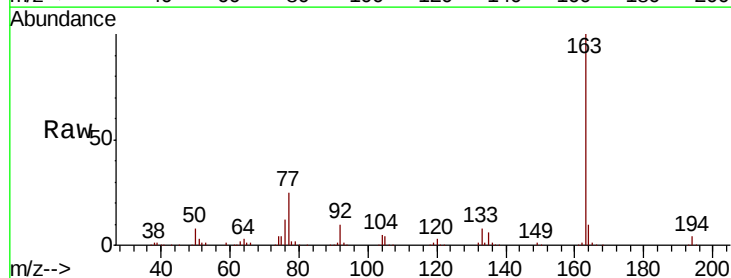


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

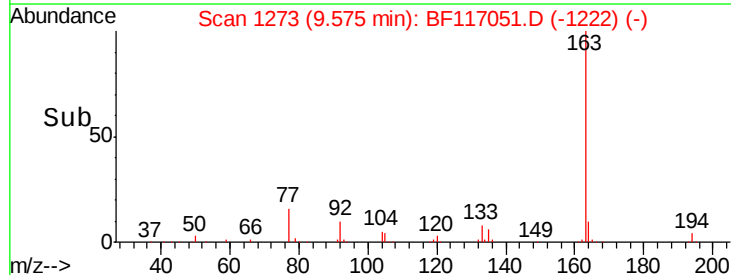
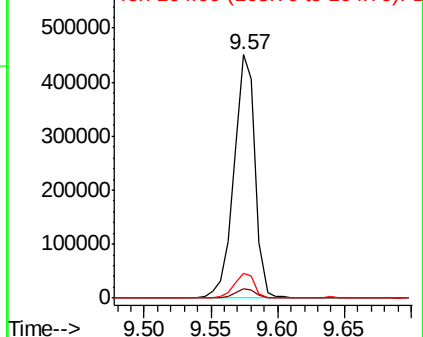


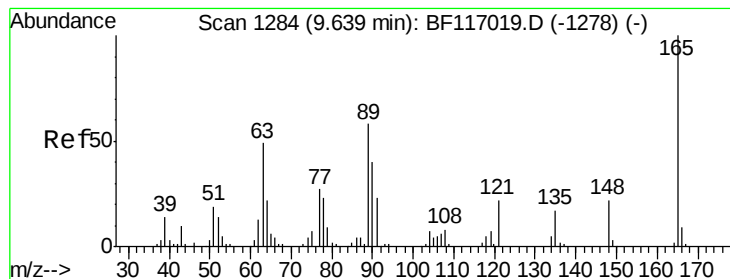
#50
Dimethylphthalate
Concen: 42.861 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.2	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: 47.019 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampled :

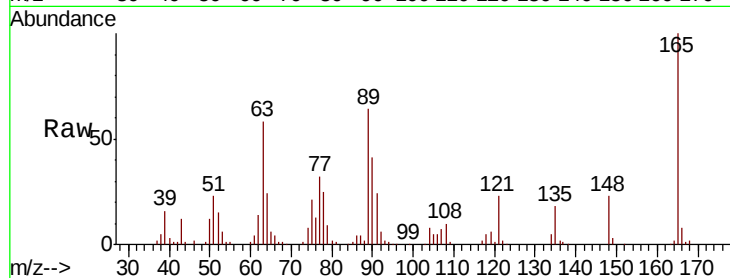
Tot Ion:165 Resp: 111741

Ion Ratio Lower Upper

165 100

63 57.5 41.8 62.8

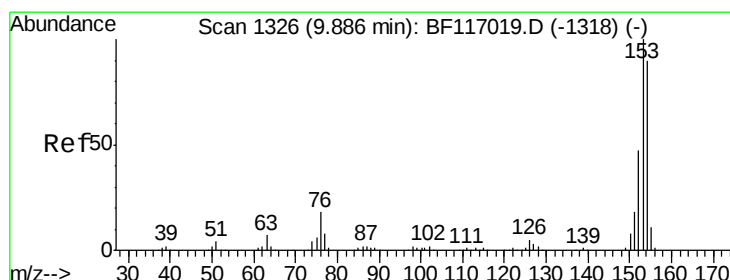
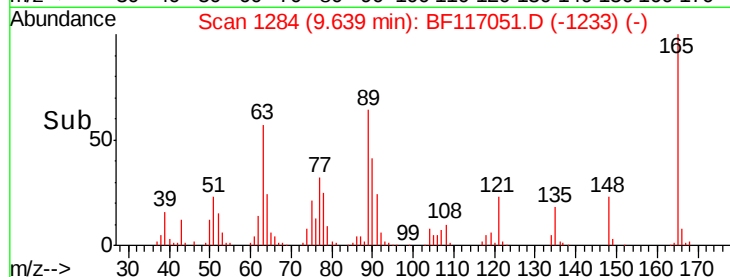
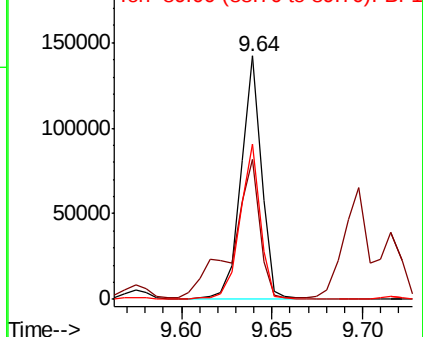
89 63.5 46.5 69.7



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: 42.872 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

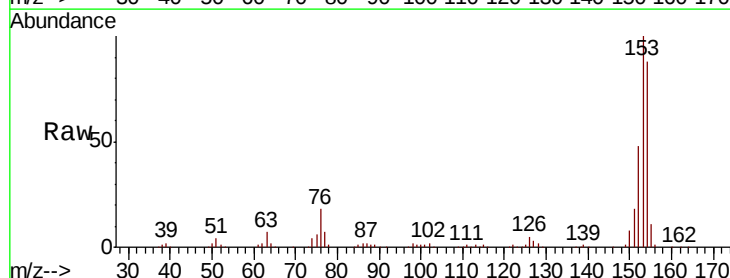
Tgt Ion:154 Resp: 388398

Ion Ratio Lower Upper

154 100

153 113.3 89.0 133.6

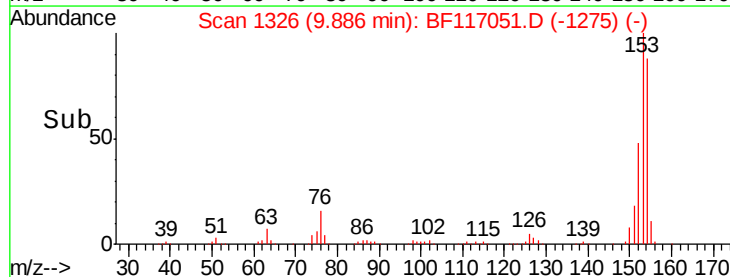
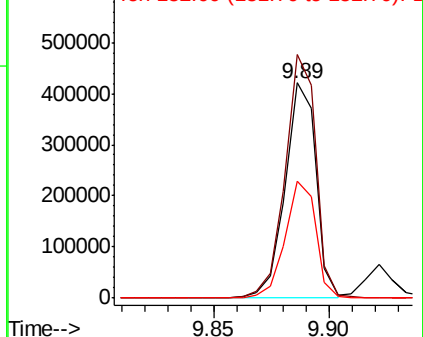
152 54.4 41.9 62.9

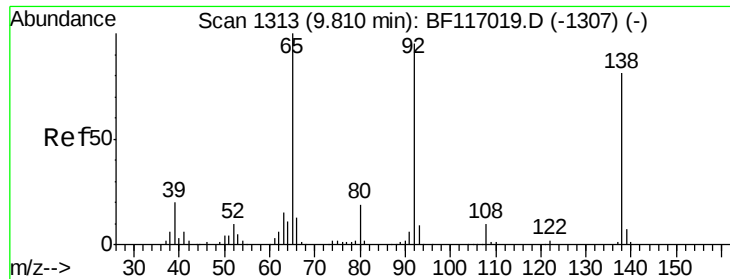


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

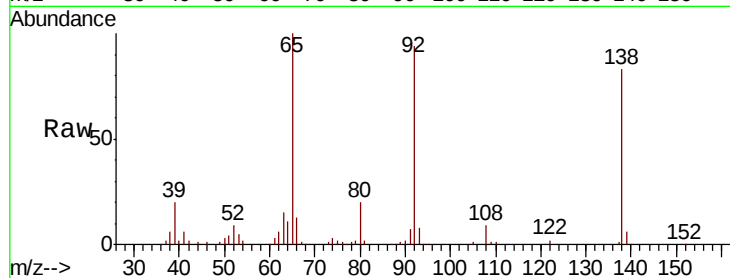




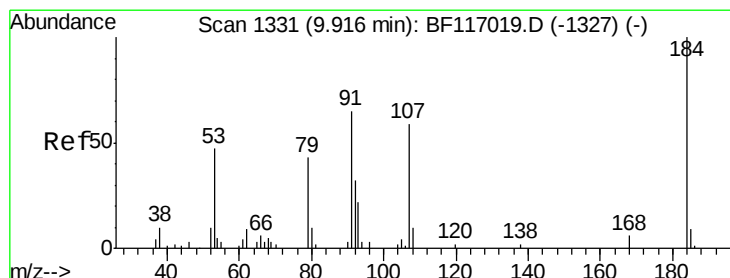
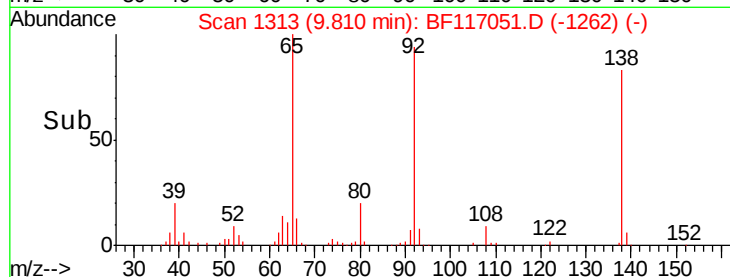
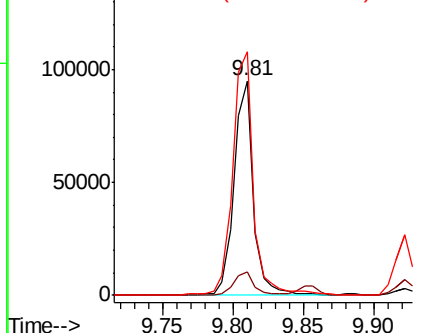
#53
 3-Nitroaniline
 Concen: 30.412 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 91187
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.5 14.3
 92 113.3 94.1 141.1

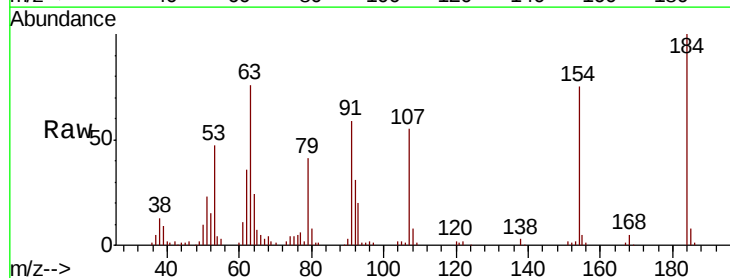


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

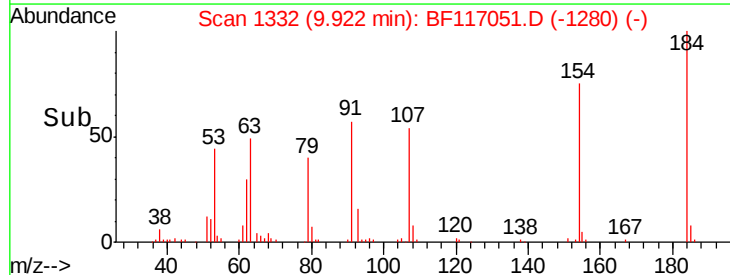
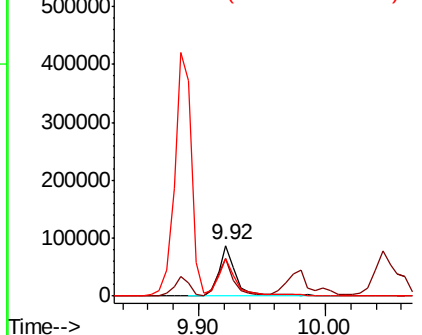


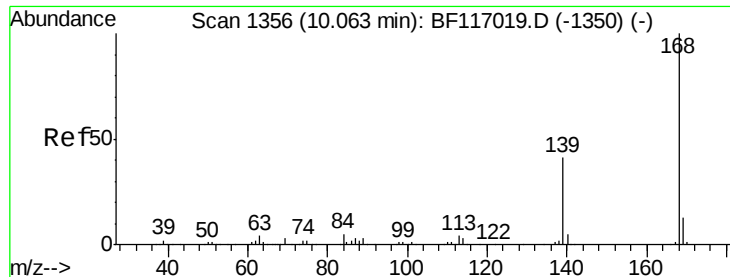
#54
 2,4-Dinitrophenol
 Concen: 81.700 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion:184 Resp: 84062
 Ion Ratio Lower Upper
 184 100
 63 75.7 63.8 95.6
 154 75.0 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

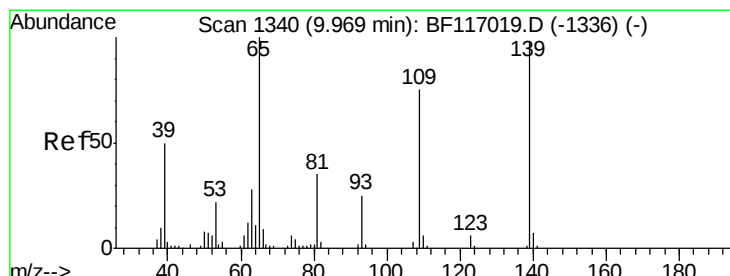
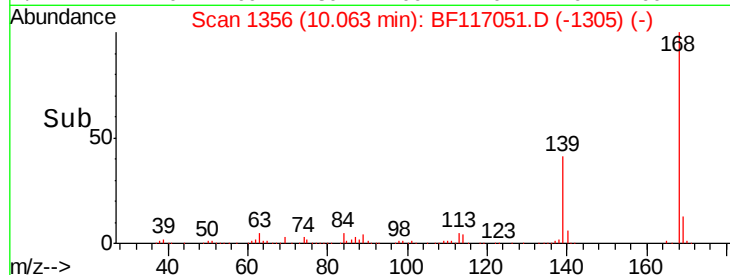
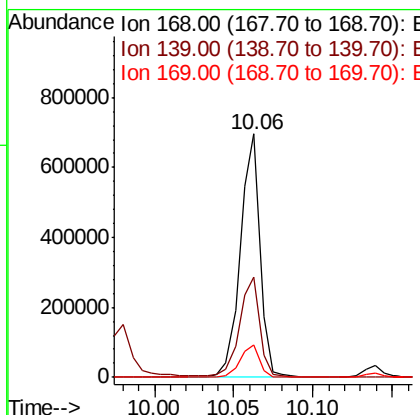
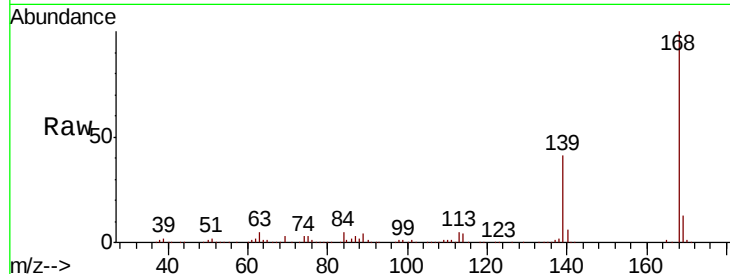




#55
Dibenzenofuran
Concen: 44.921 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

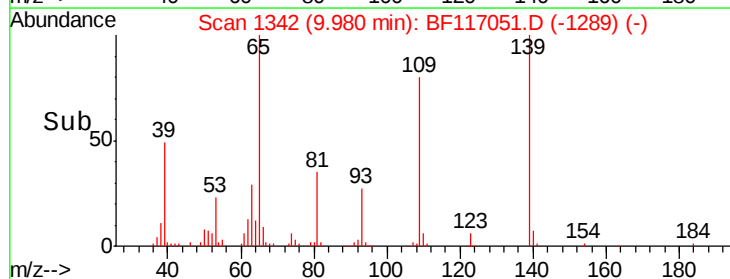
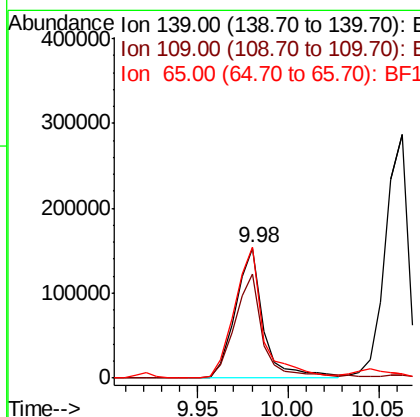
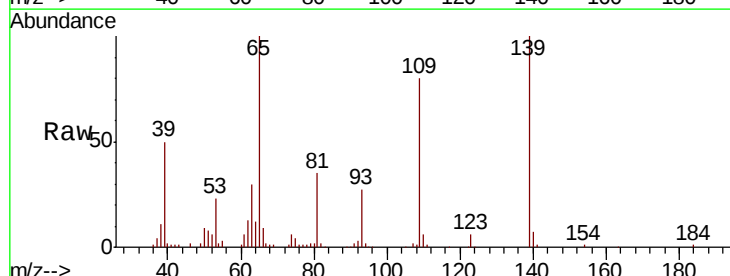
Instrument :
BNA_F
ClientSampleId :

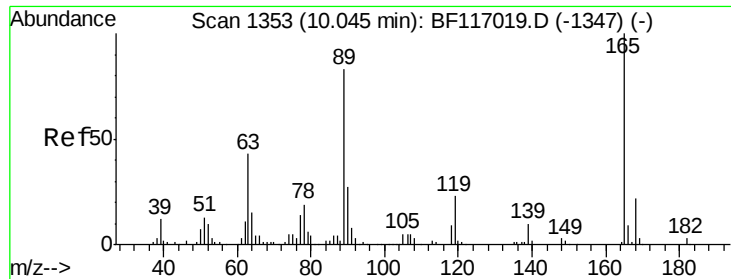
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.8	49.2
169	13.1	10.5	15.7



#56
4-Nitrophenol
Concen: 84.673 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.6	56.4	96.4
65	100.4	82.5	122.5

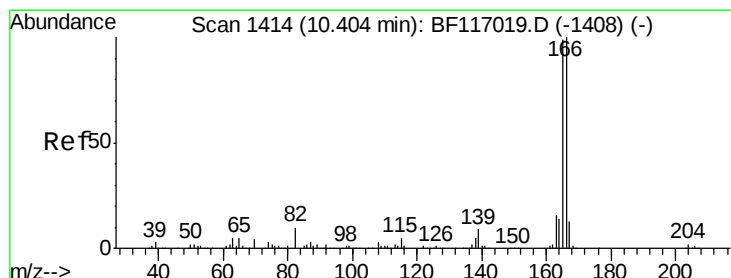
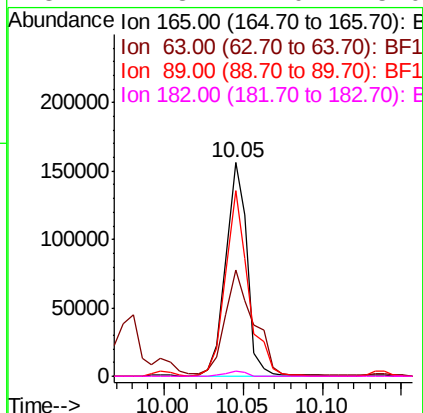
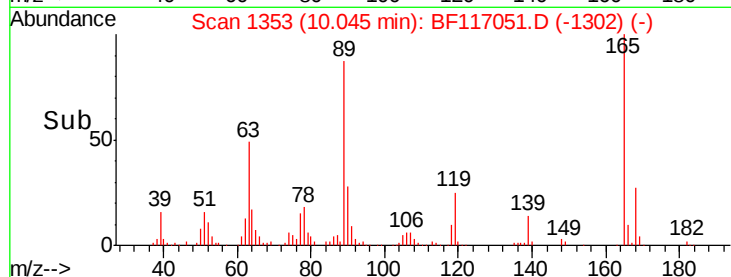
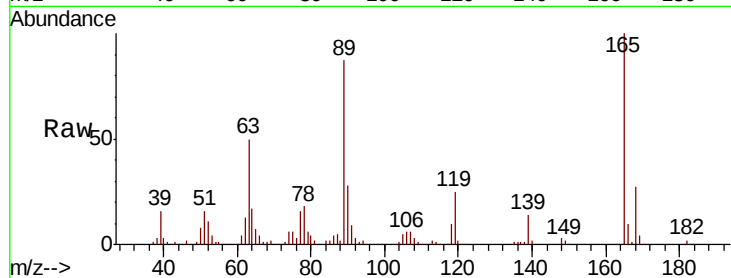




#57
2,4-Dinitrotoluene
Concen: 47.555 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

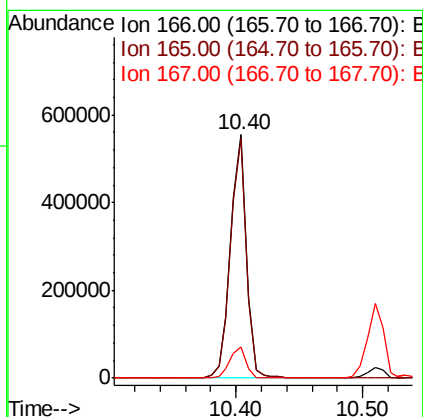
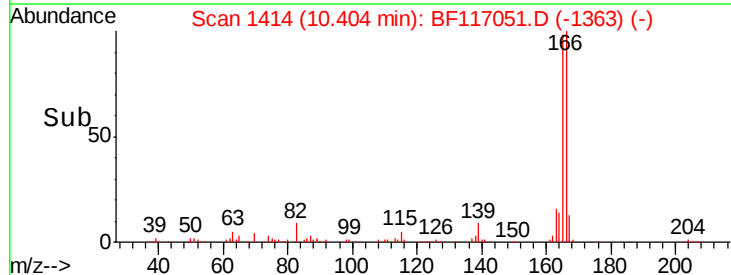
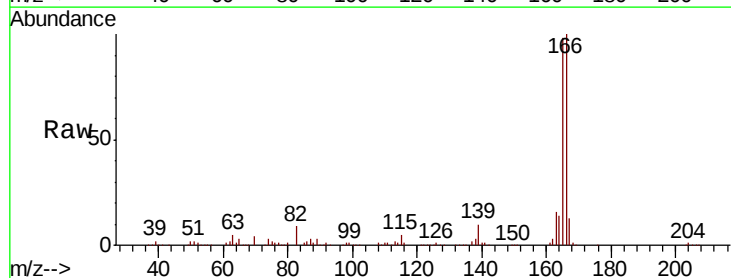
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.5	35.0	52.4
89	86.8	66.1	99.1
182	2.3	2.0	3.0



#58
Fluorene
Concen: 44.634 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.9	118.3
167	12.7	10.6	15.8

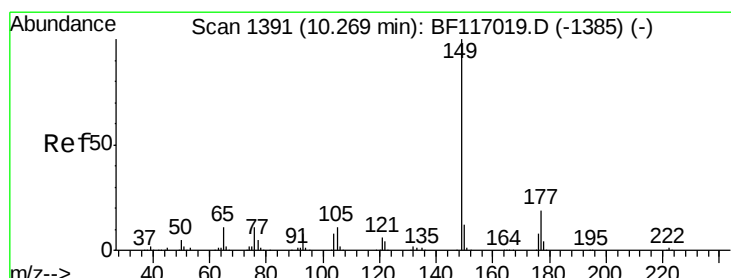
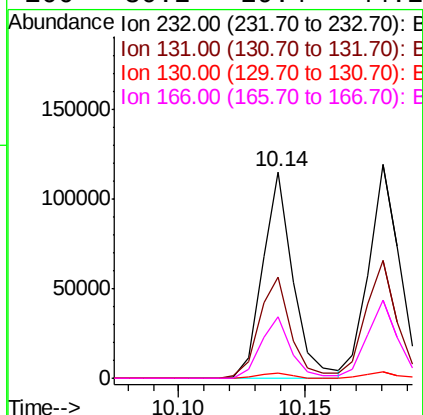
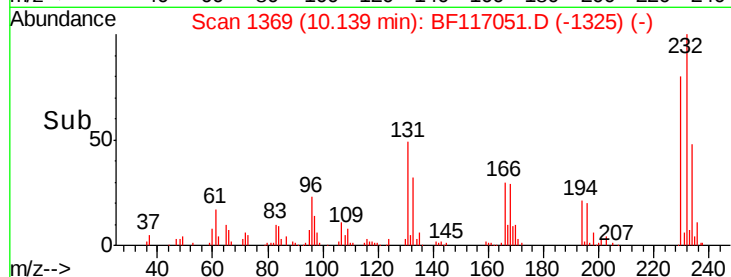
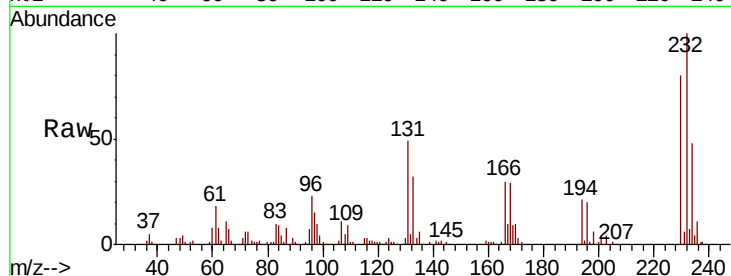




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.761 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

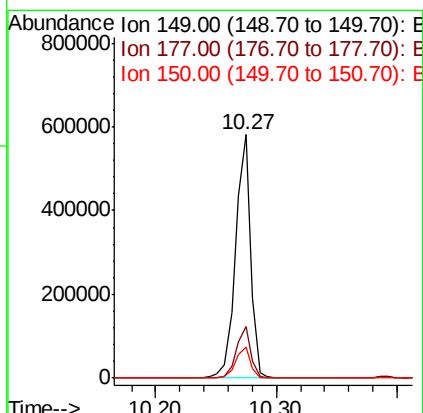
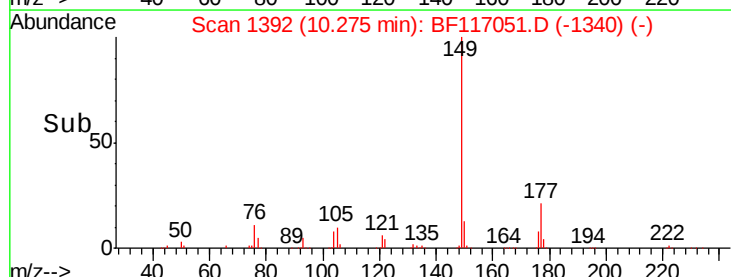
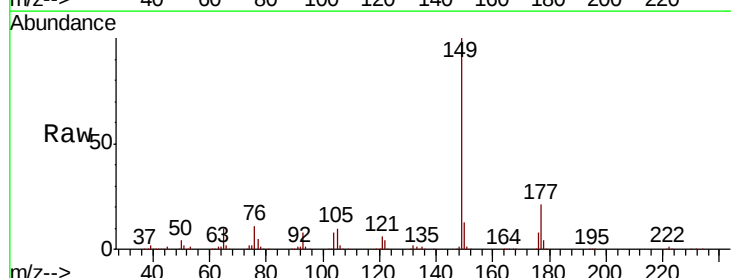
Instrument :
 BNA_F
 ClientSampleId :

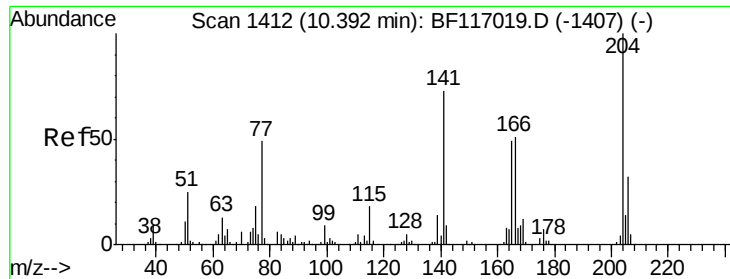
Tot Ion:	232	Resp:	96242
Ion	Ratio	Lower	Upper
232	100		
131	51.6	45.3	67.9
130	2.8	1.8	2.8
166	30.2	29.4	44.2



#60
 Diethylphthalate
 Concen: 44.015 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion:	149	Resp:	505274
Ion	Ratio	Lower	Upper
149	100		
177	21.0	15.2	22.8
150	12.8	9.9	14.9

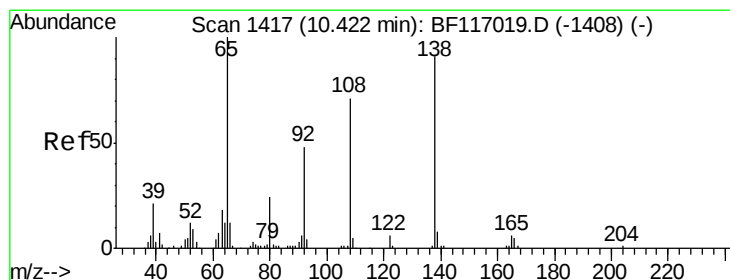
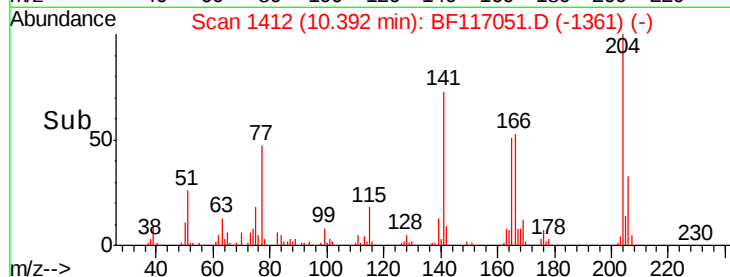
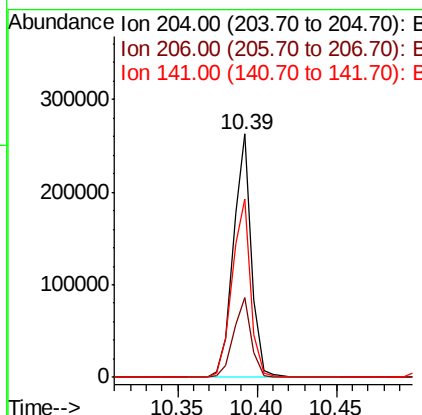
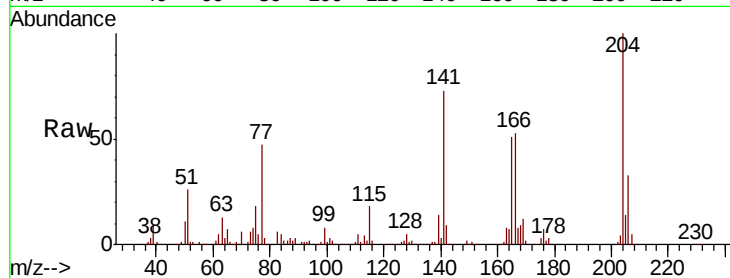




#61
4-Chlorophenyl-phenylether
Concen: 44.349 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

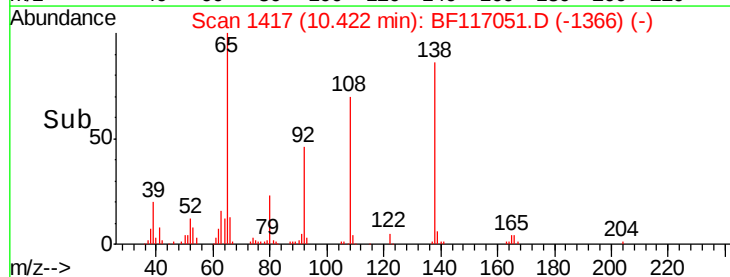
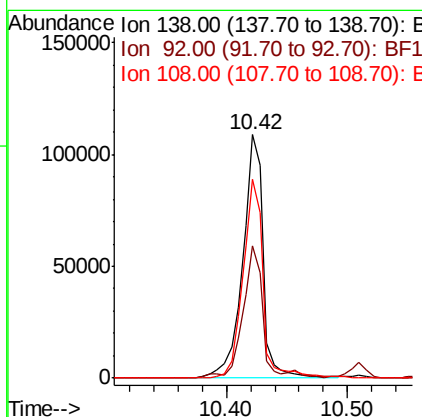
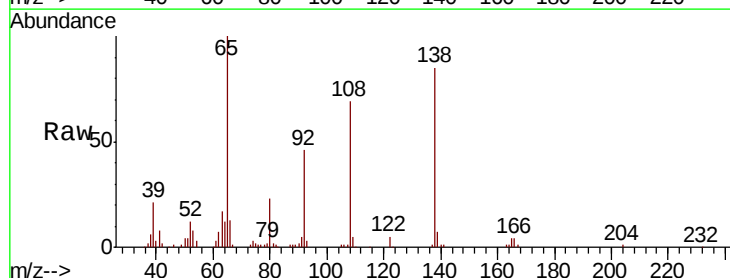
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	73.3	58.2	87.2



#62
4-Nitroaniline
Concen: 41.506 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	32.9	72.9
108	81.9	58.3	98.3

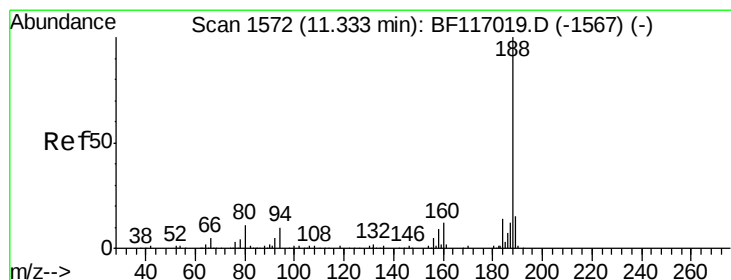
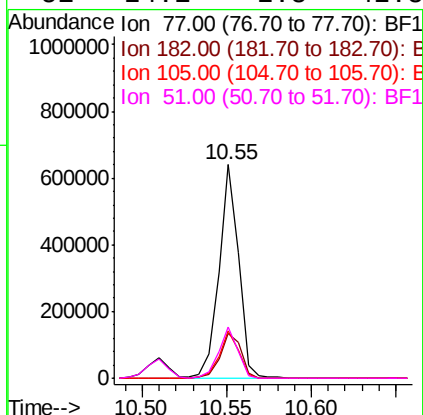
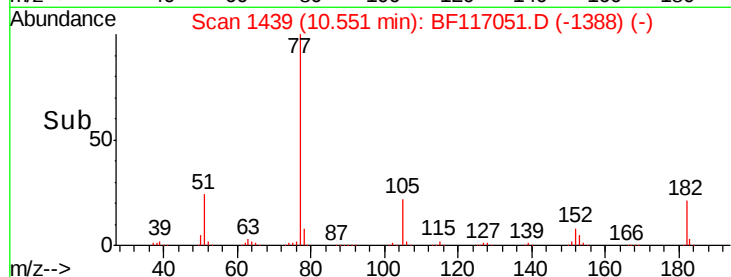
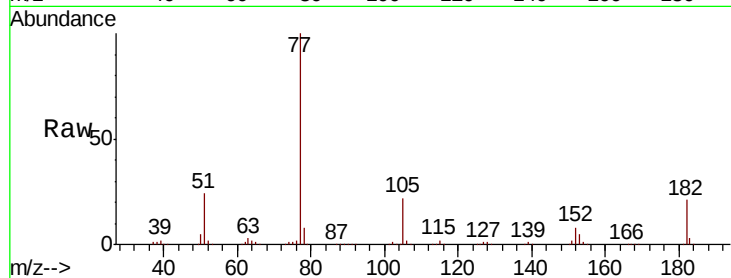




#63
Azobenzene
Concen: 44.290 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

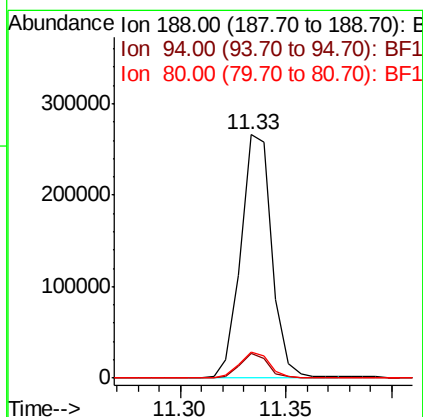
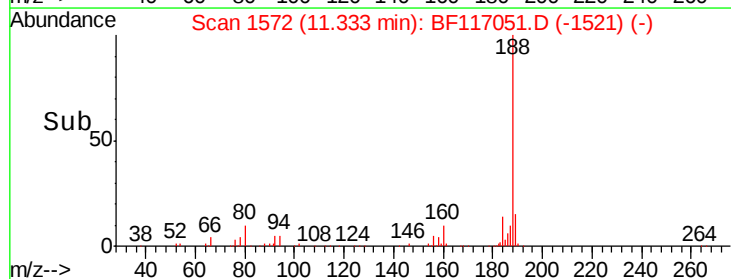
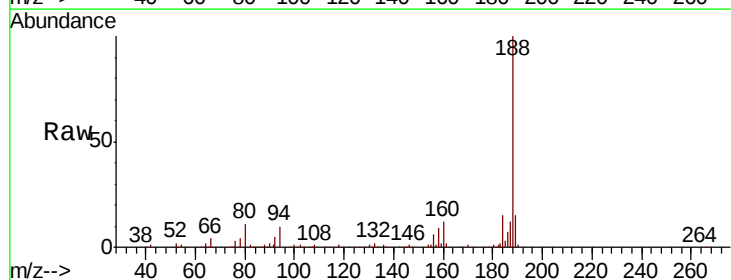
Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	519279
Ion	Ratio	Lower	Upper
77	100		
182	21.2	0.4	40.4
105	22.0	0.9	40.9
51	24.1	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:	188	Resp:	271924
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.9	9.0	13.6

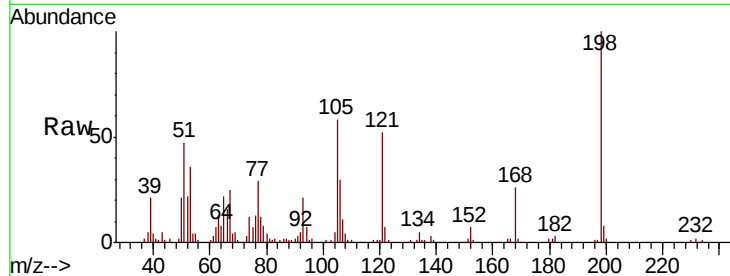




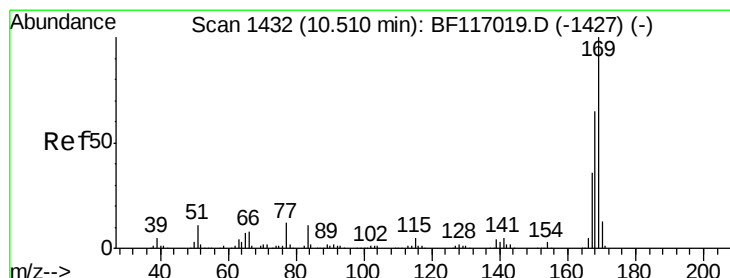
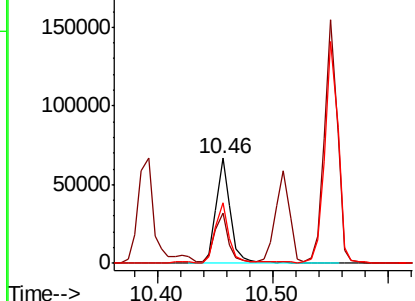
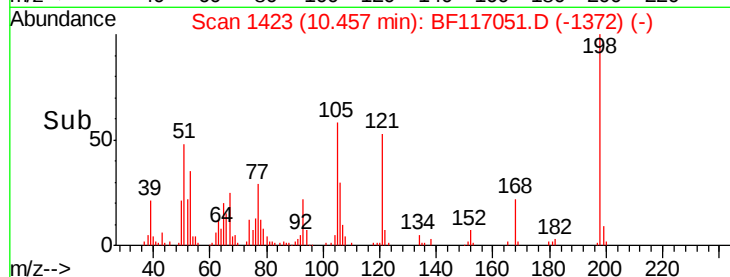
#65
4,6-Dinitro-2-methylphenol
Concen: 47.229 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 58356
Ion Ratio Lower Upper
198 100
51 47.4 18.7 58.7
105 57.6 30.2 70.2

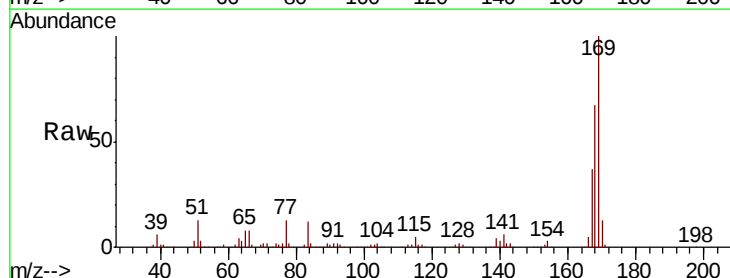


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

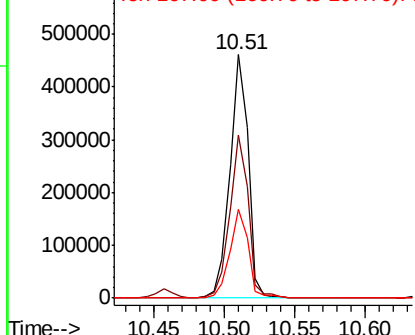
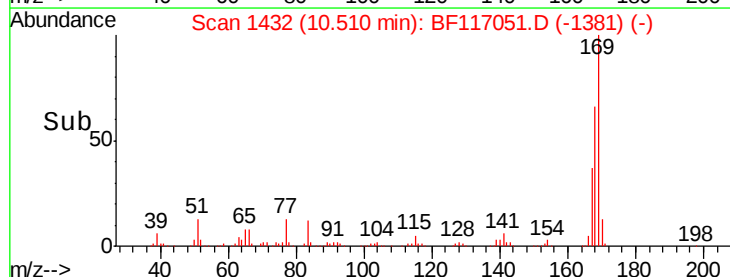


#66
n-Nitrosodiphenylamine
Concen: 44.519 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:169 Resp: 418081
Ion Ratio Lower Upper
169 100
168 66.7 52.2 78.2
167 36.6 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

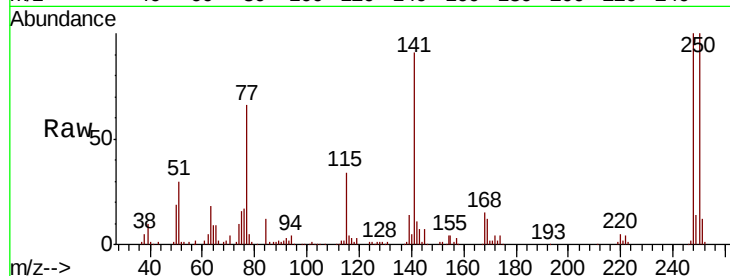




#67
 4-Bromophenyl-phenylether
 Concen: 43.805 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.2	114.4
141	91.2	75.0	112.4

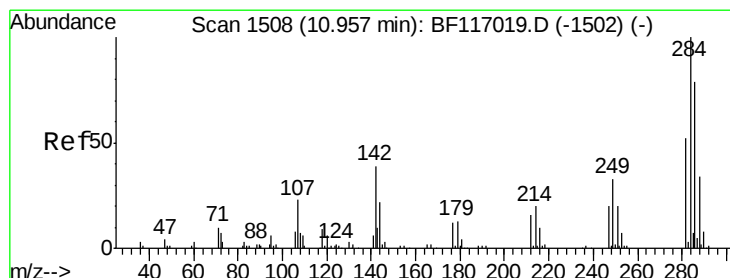
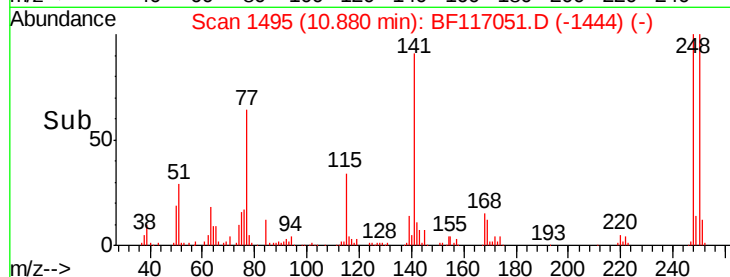
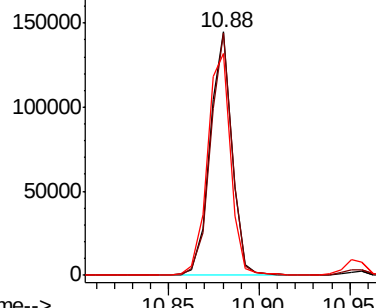


Abundance

Ion 248.00 (247.70 to 248.70): E

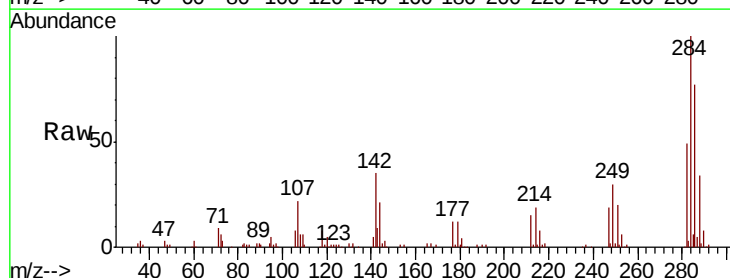
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.505 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	31.4	47.2
249	30.2	26.5	39.7

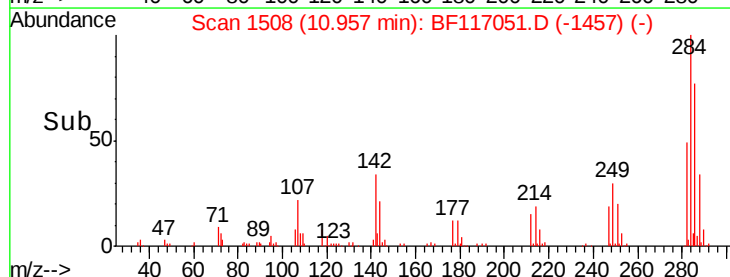
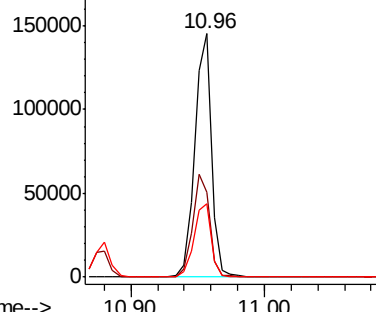


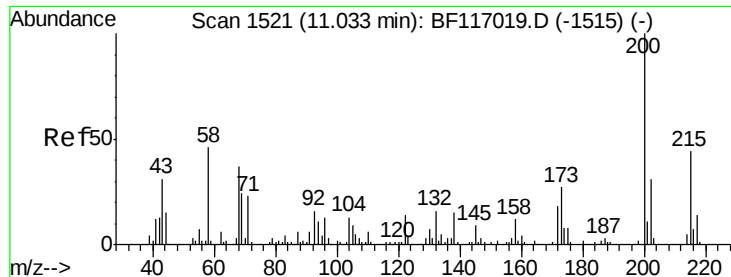
Abundance

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

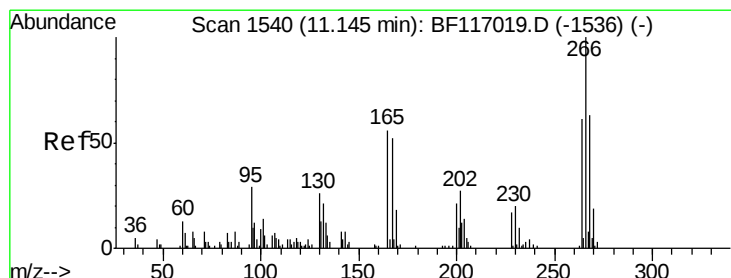
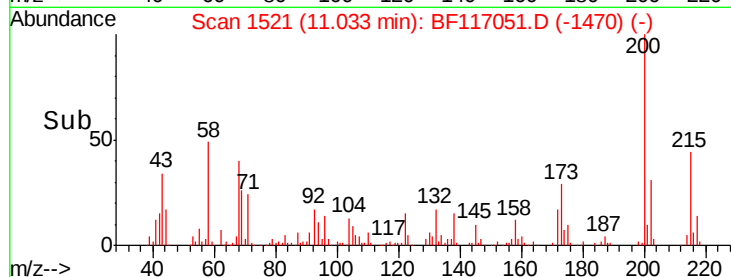
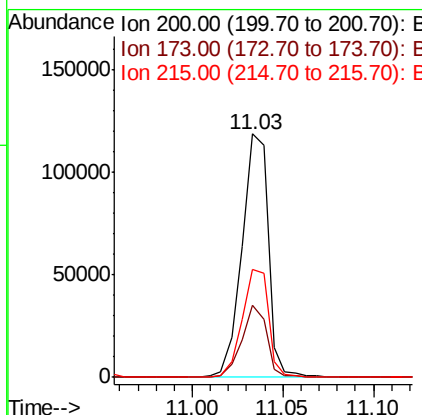
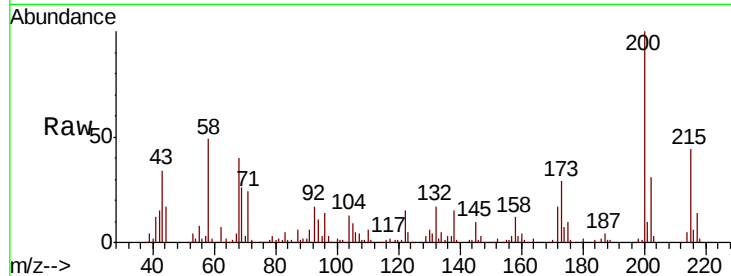




#69
 Atrazine
 Concen: 54.247 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

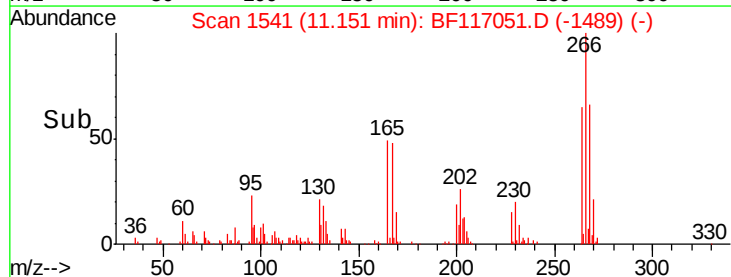
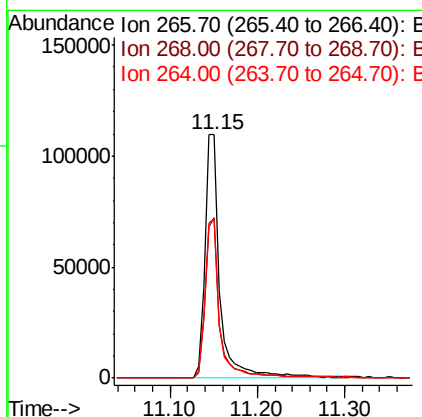
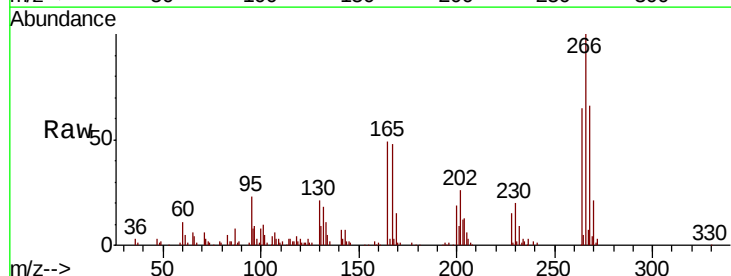
Instrument :
 BNA_F
 ClientSampleId :

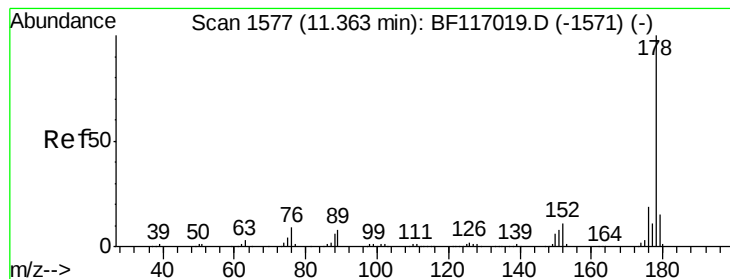
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.9	46.9
215	44.5	23.8	63.8



#70
 Pentachlorophenol
 Concen: 92.632 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.5	75.7
264	65.5	48.8	73.2





#71

Phenanthrene

Concen: 43.413 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

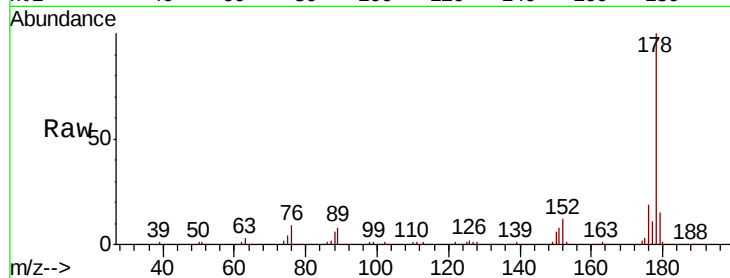
Tot Ion:178 Resp: 670518

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

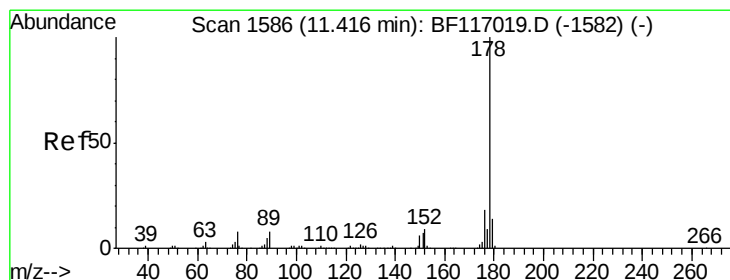
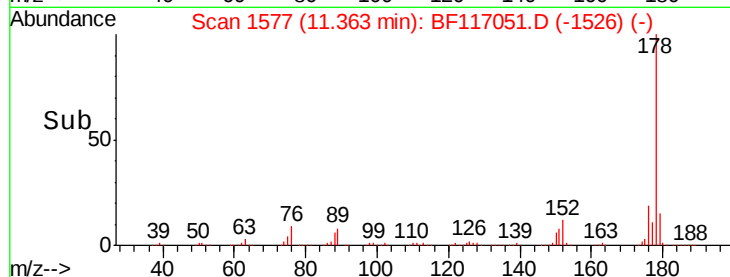
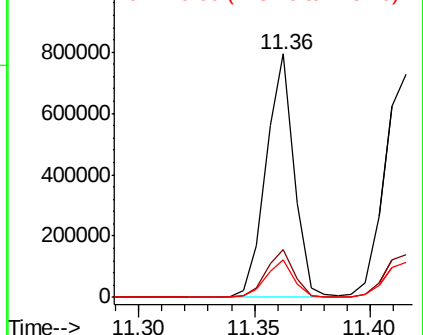
179 15.4 12.4 18.6



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: 43.680 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

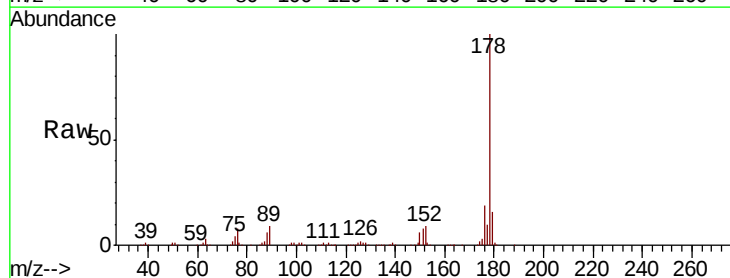
Tgt Ion:178 Resp: 688760

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

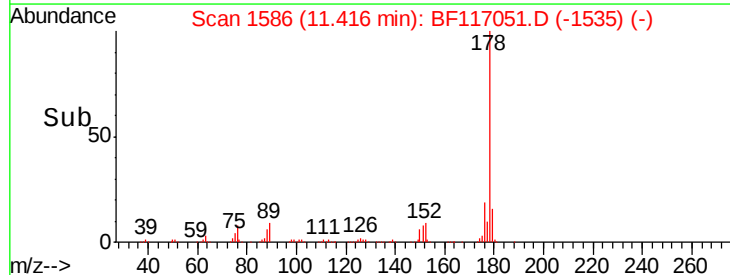
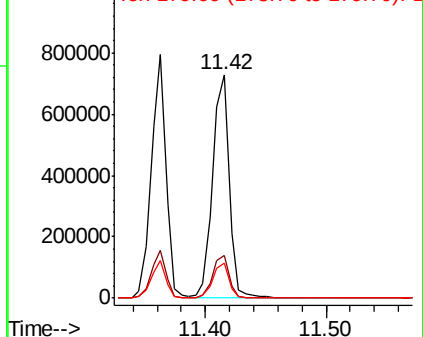
179 15.7 11.6 17.4



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

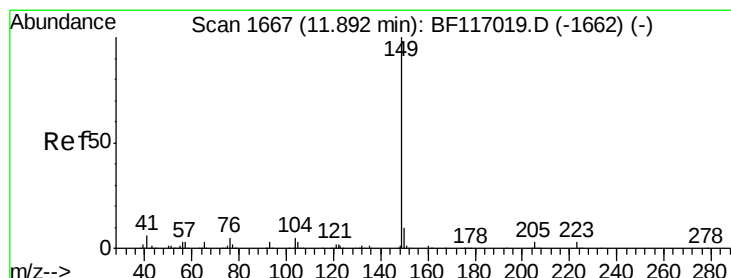
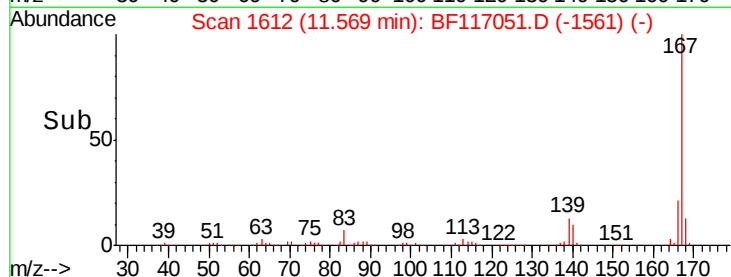
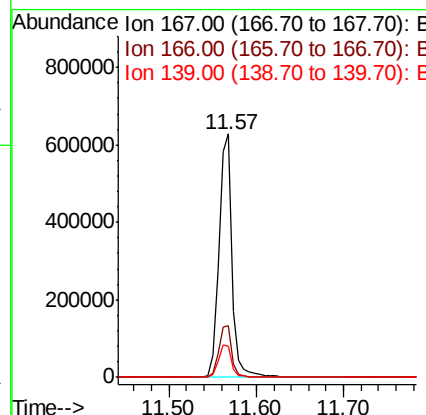
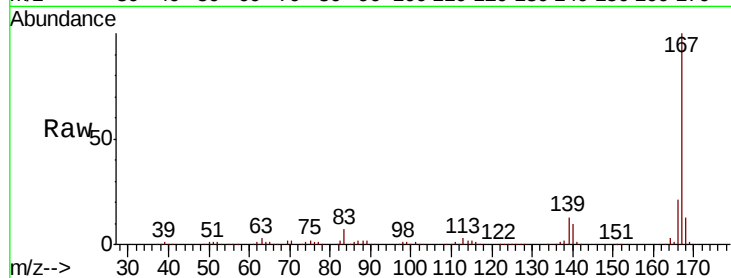




#73
 Carbazole
 Concen: 43.437 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

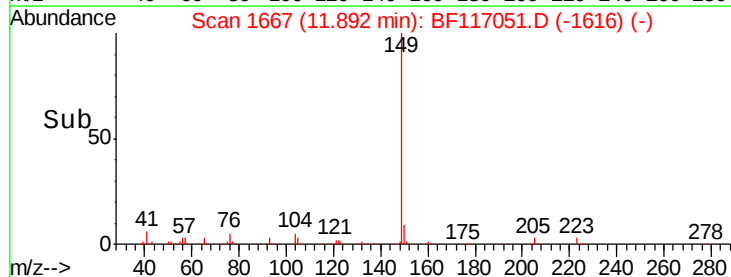
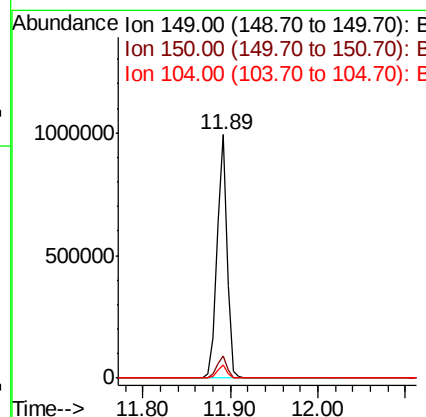
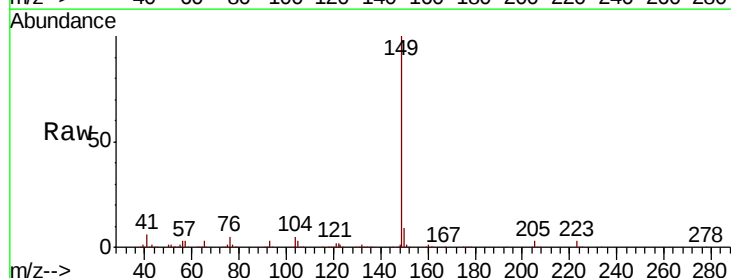
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.9	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 44.224 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.2	4.2	6.4

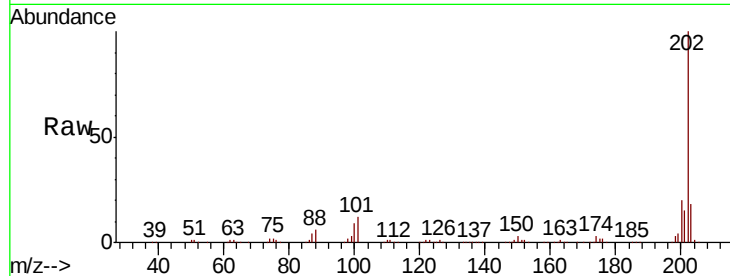




#75
 Fluoranthene
 Concen: 42.681 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
203	17.7	0.0	37.1

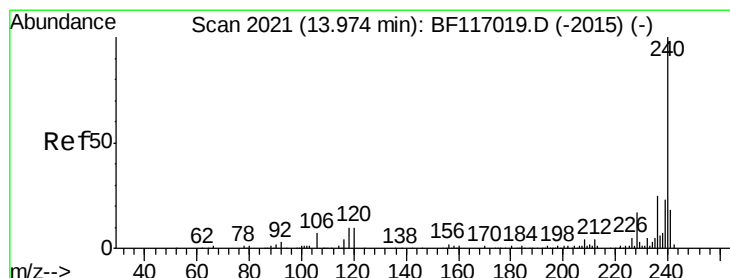
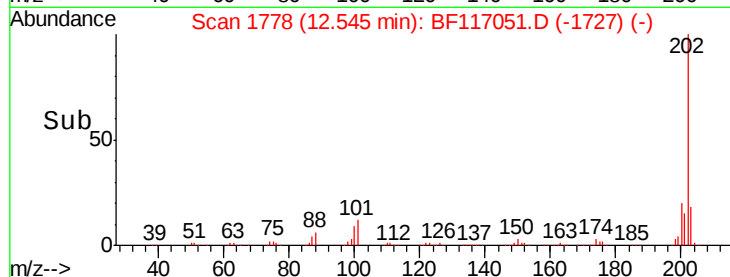
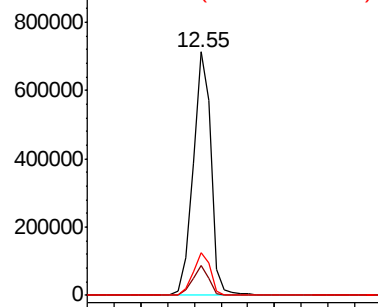


Abundance

Ion 202.00 (201.70 to 202.70): E

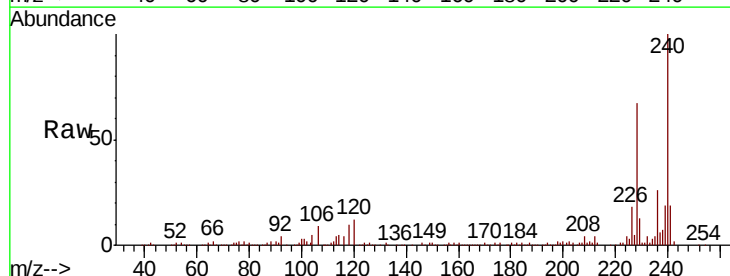
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.5	20.3	30.5

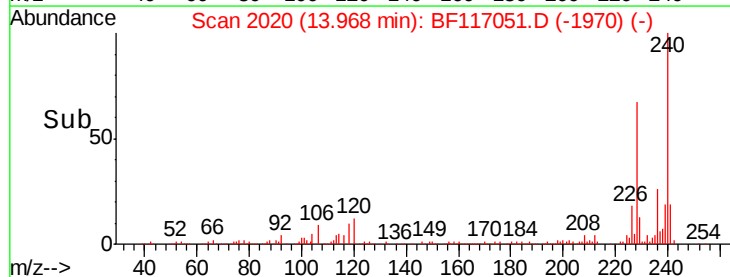
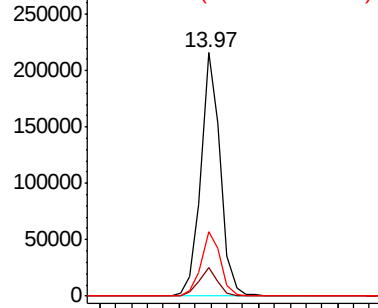


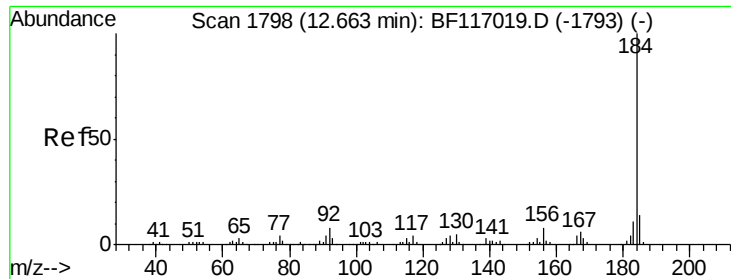
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

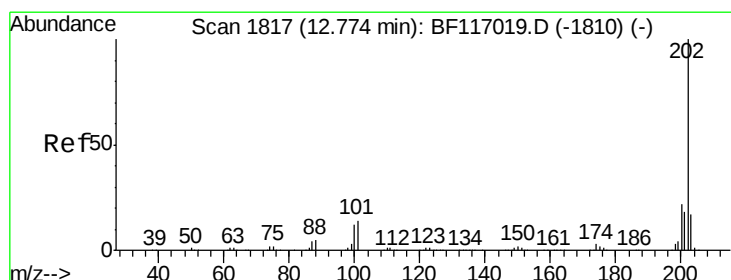
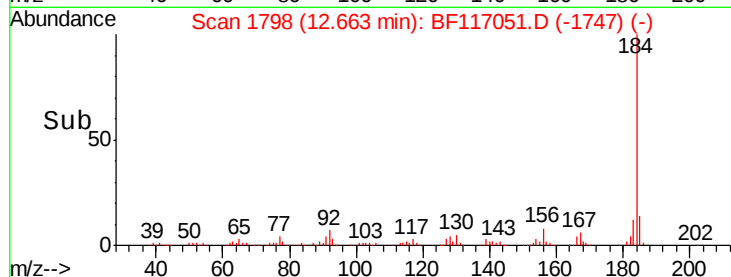
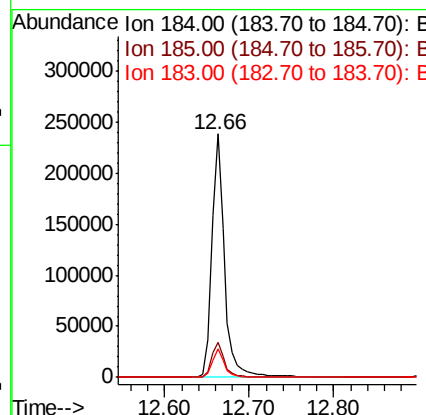
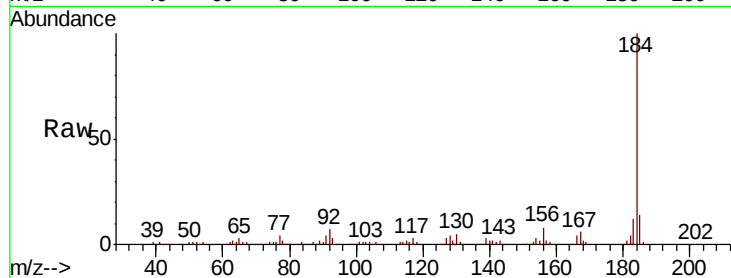




#77
Benzidine
Concen: 42.594 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

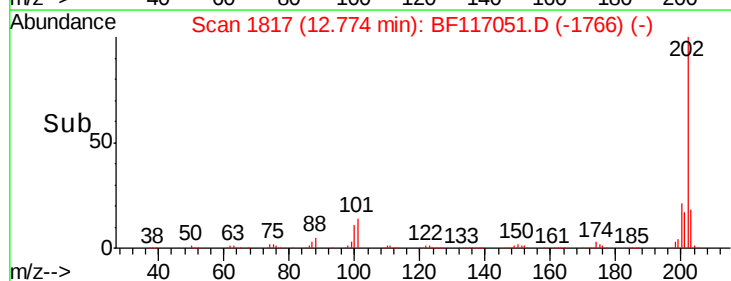
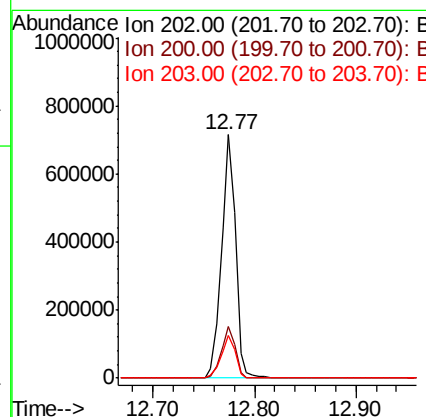
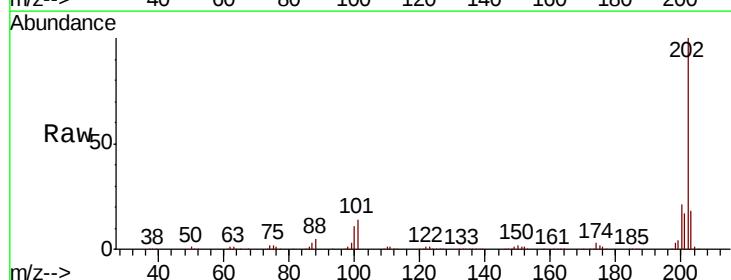
Instrument :
BNA_F
ClientSampleId :

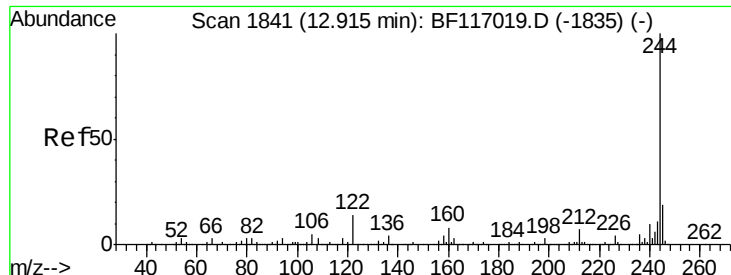
Tot Ion:184 Resp: 250099
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.7 9.0 13.4



#78
Pyrene
Concen: 45.033 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:202 Resp: 688763
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.0 21.0

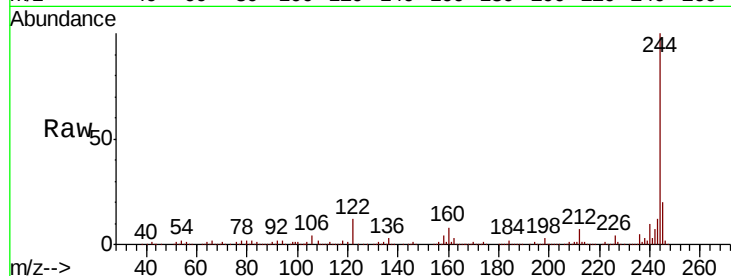




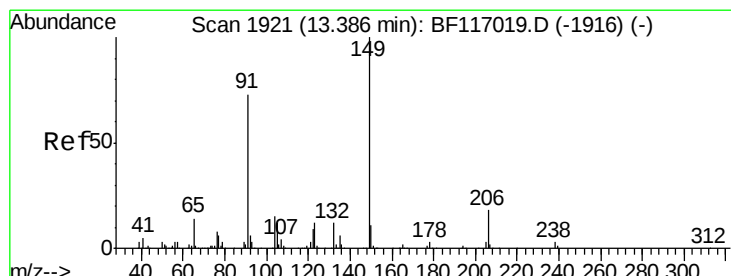
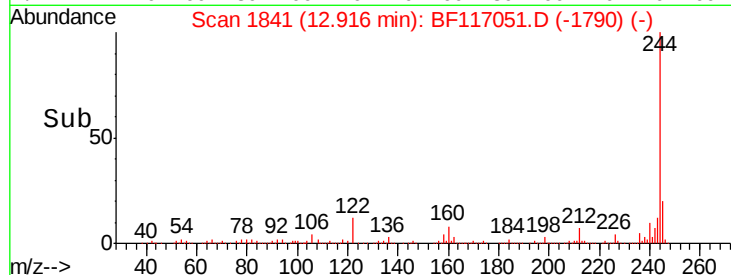
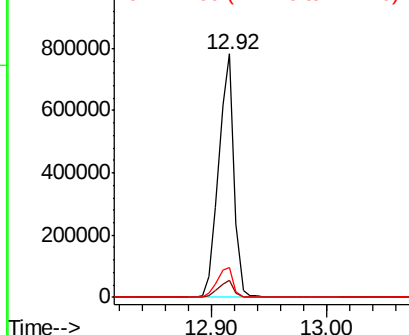
#79
 Terphenyl-d14
 Concen: 73.788 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.1	11.3	16.9

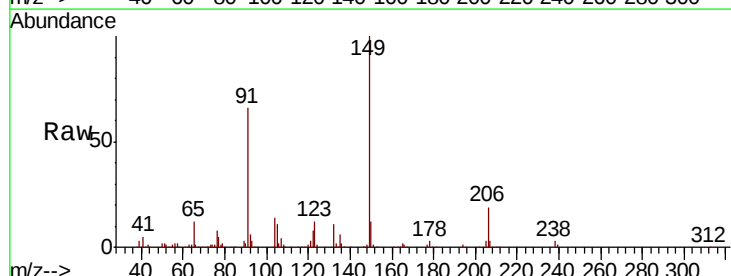


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

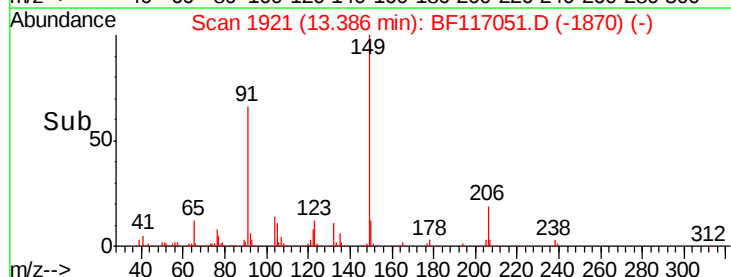
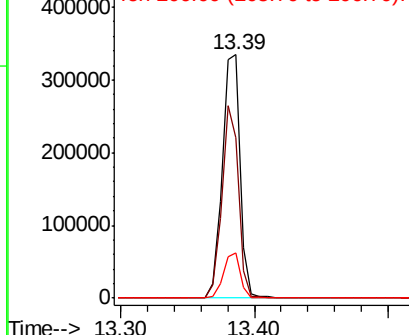


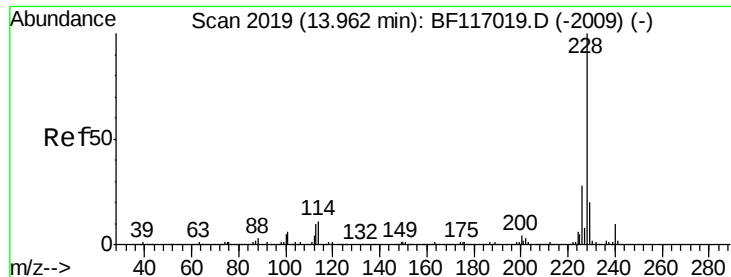
#80
 Butylbenzylphthalate
 Concen: 43.849 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.1	58.8	88.2
206	18.8	14.1	21.1



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

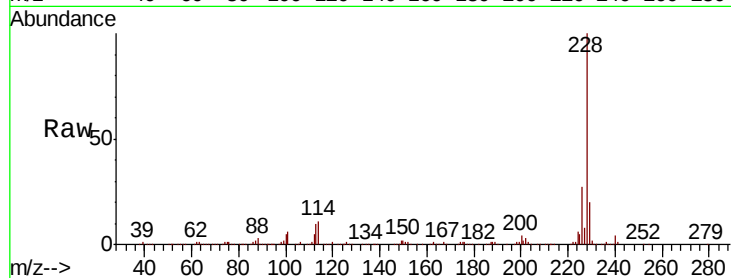




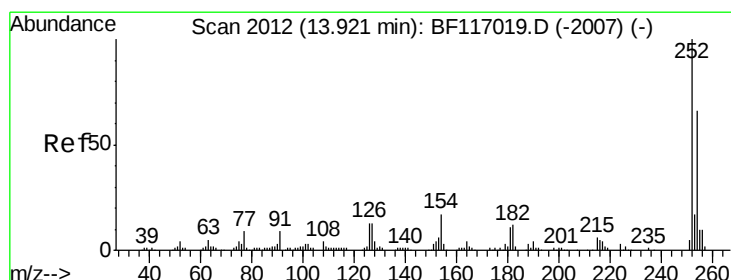
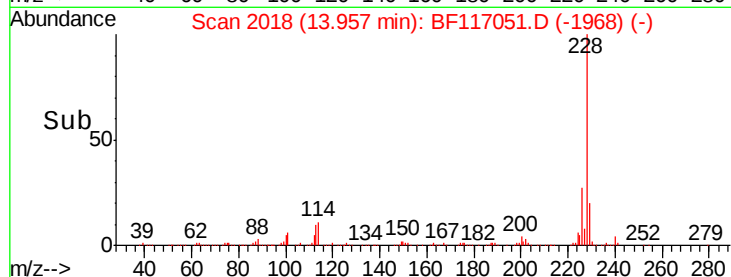
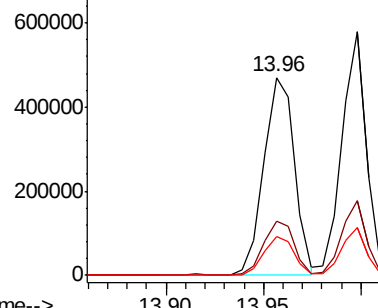
#81
Benzo(a)anthracene
Concen: 42.061 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 512241
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.6 15.9 23.9

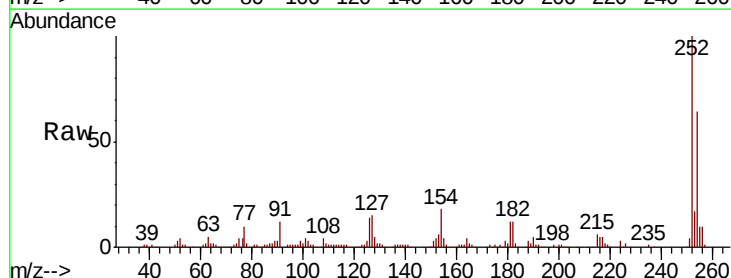


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

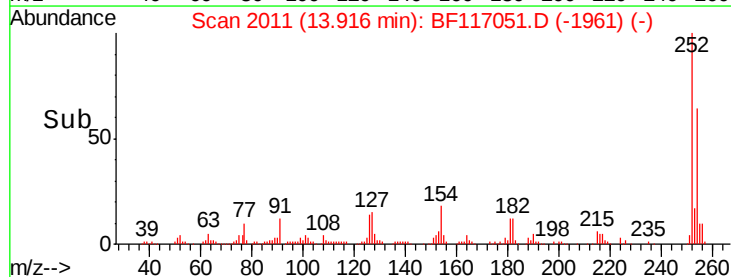
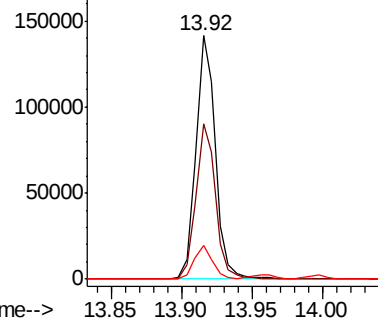


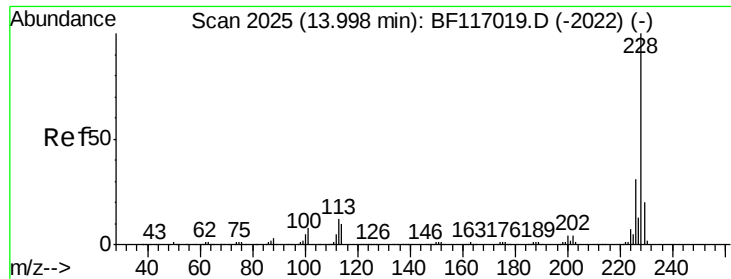
#82
3,3'-Dichlorobenzidine
Concen: 34.434 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:252 Resp: 135134
Ion Ratio Lower Upper
252 100
254 63.5 52.6 79.0
126 14.0 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: 42.725 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

Instrument :

BNA_F

ClientSampleId :

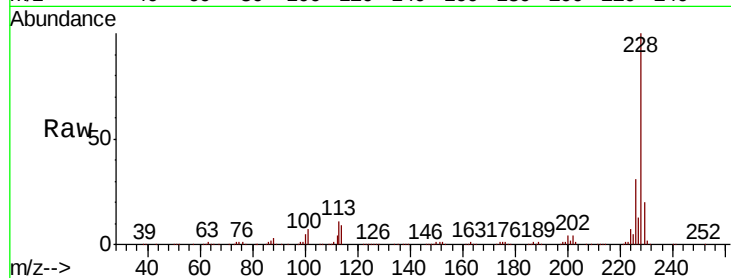
Tot Ion:228 Resp: 507485

Ion Ratio Lower Upper

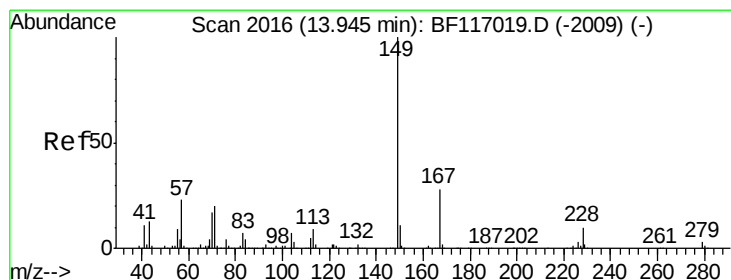
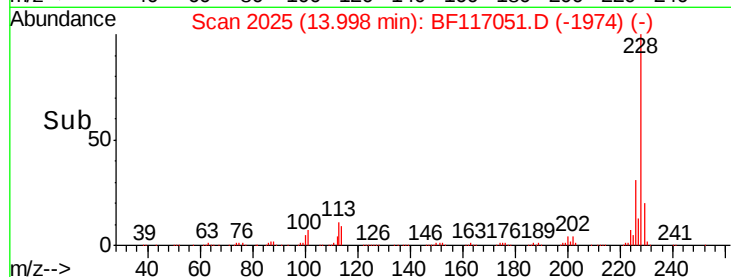
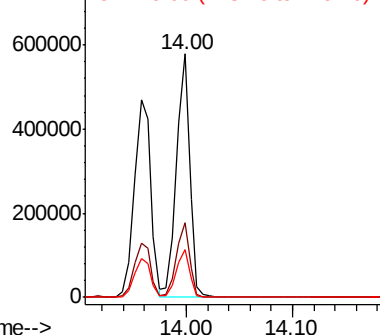
228 100

226 30.6 24.8 37.2

229 19.8 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.805 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117051.D

Acq: 16 Sep 2019 9:55

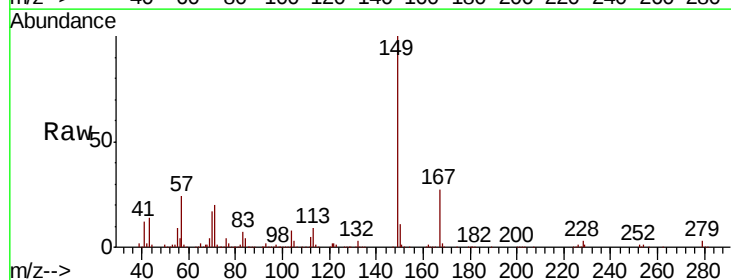
Tgt Ion:149 Resp: 417504

Ion Ratio Lower Upper

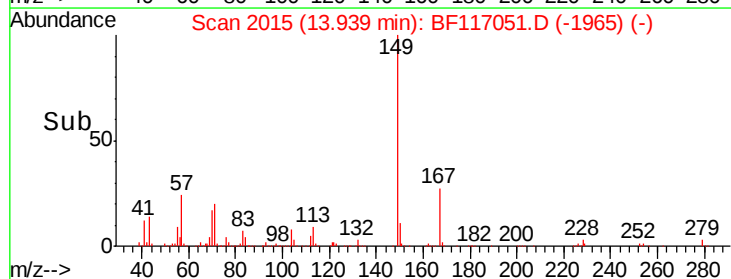
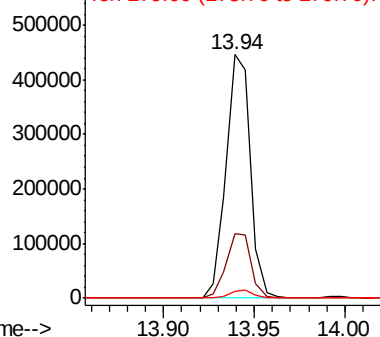
149 100

167 26.6 22.2 33.2

279 3.0 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

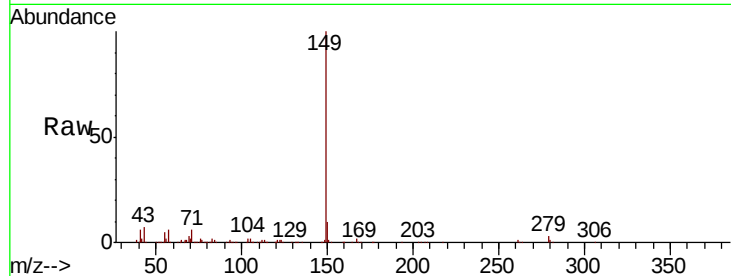




#85
 Di-n-octyl phthalate
 Concen: 44.355 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	6.2	9.4

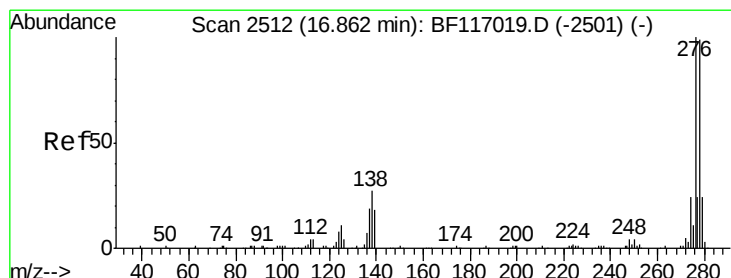
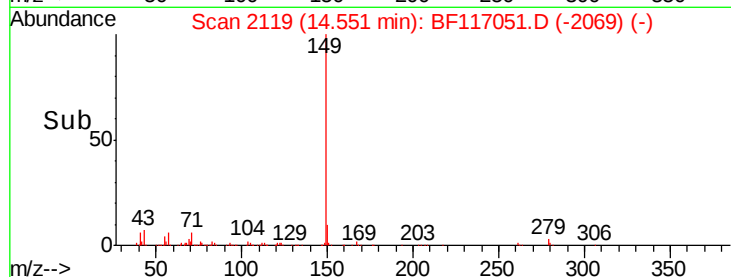
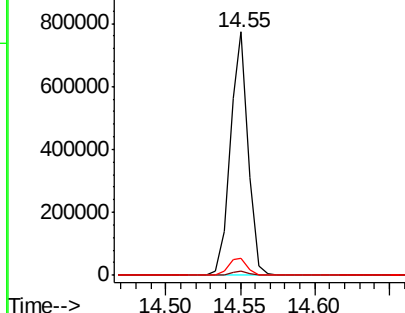


Abundance

Ion 149.00 (148.70 to 149.70): E

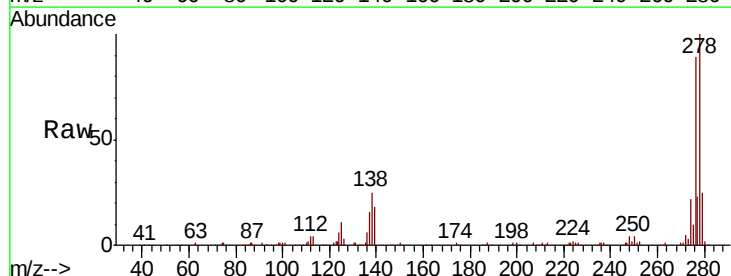
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.337 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BF117051.D
 Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.7	31.1
277	24.9	19.8	29.8

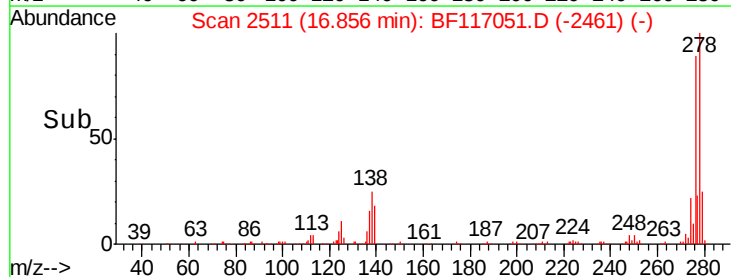
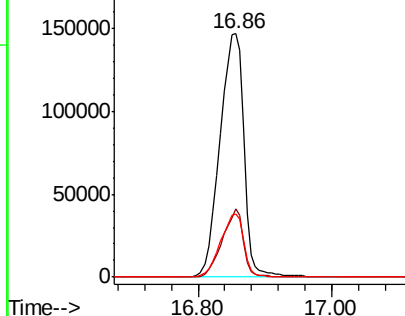


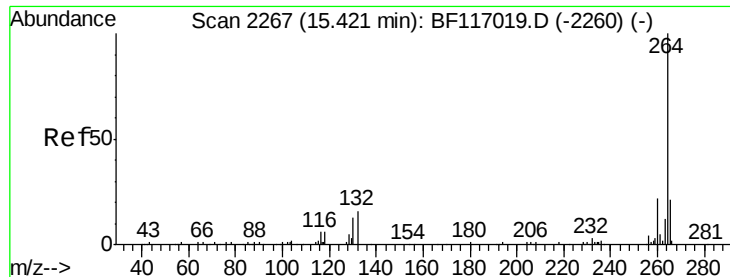
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

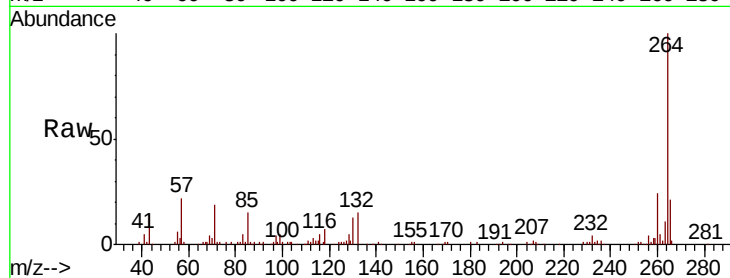




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.6	26.4
265	21.5	16.6	24.8

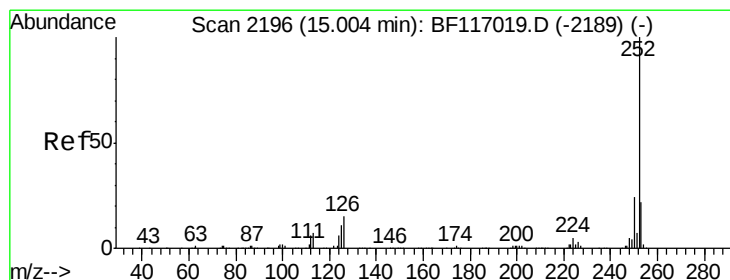
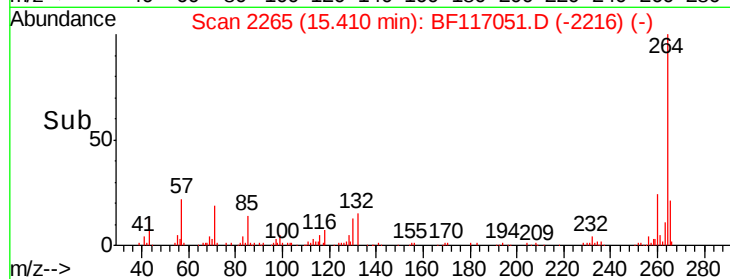
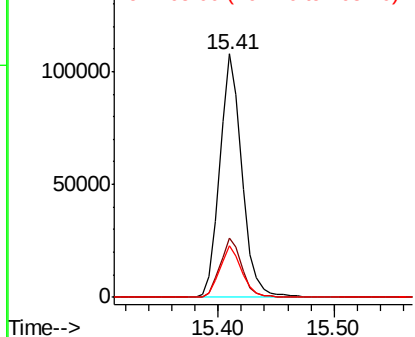


Abundance

Ion 264.00 (263.70 to 264.70): E

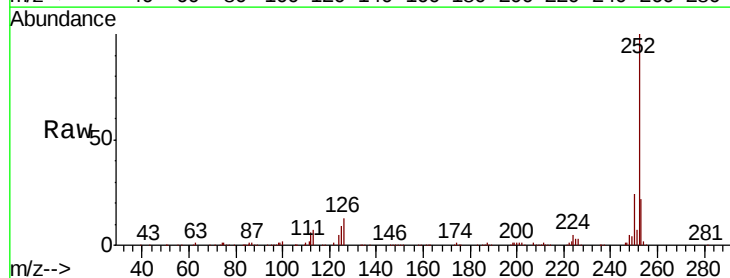
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.183 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.2	8.6	12.8

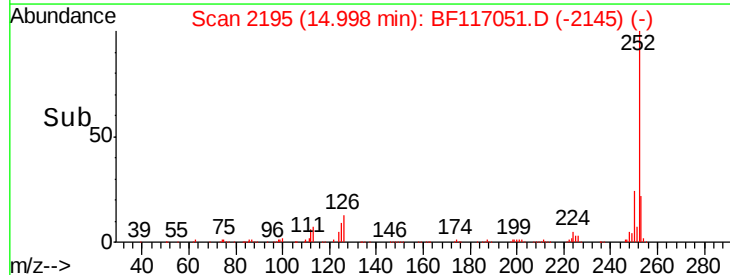
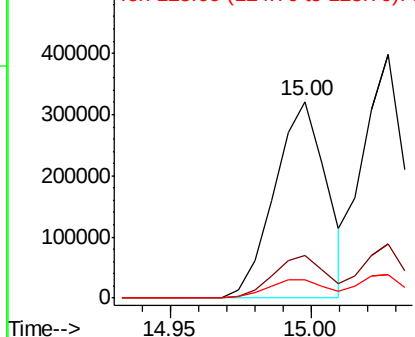


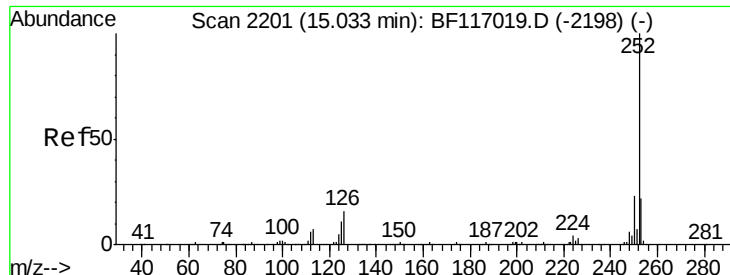
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

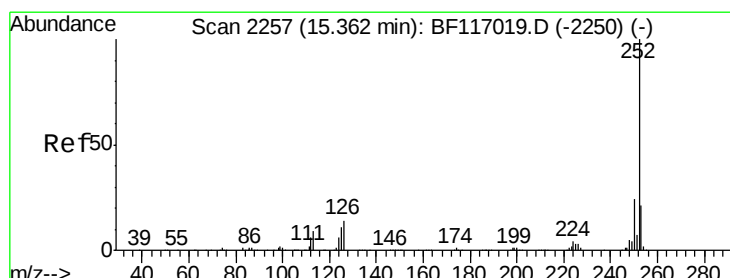
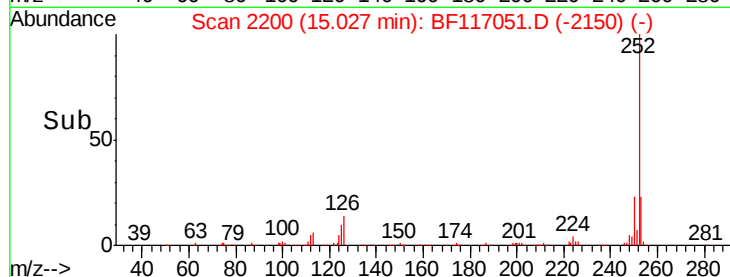
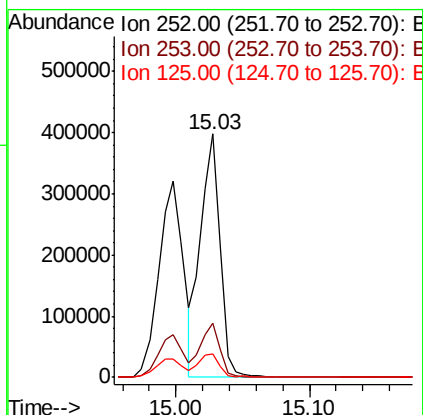
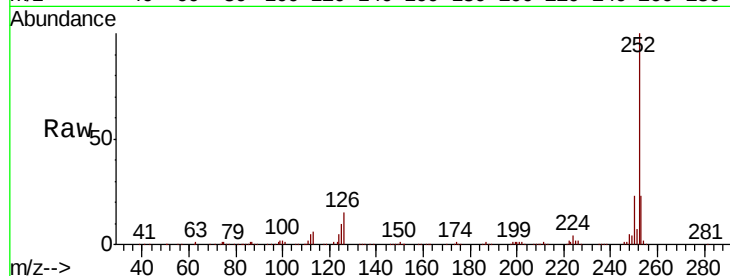




#89
Benzo(k)fluoranthene
Concen: 48.745 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

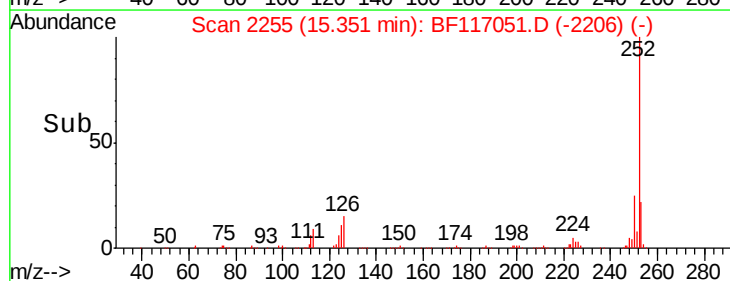
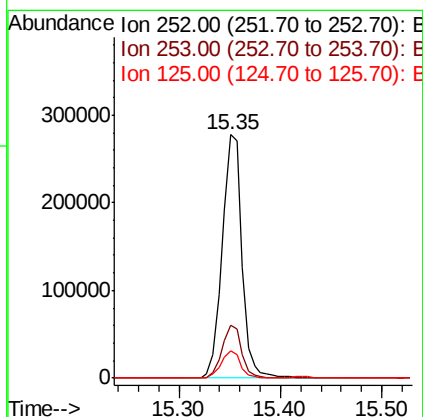
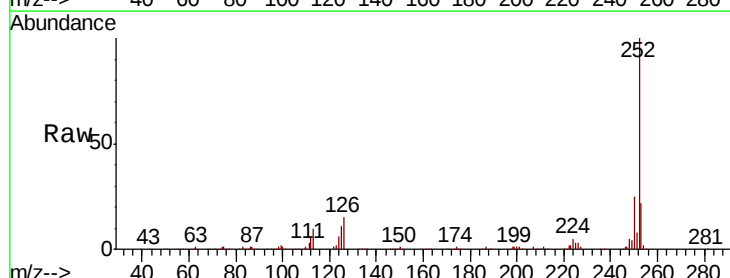
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 401969
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 49.269 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion:252 Resp: 376364
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 11.4 8.9 13.3

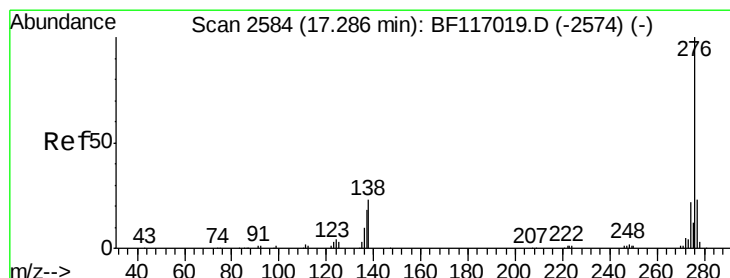
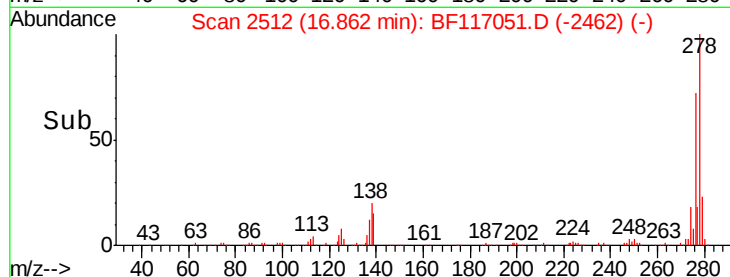
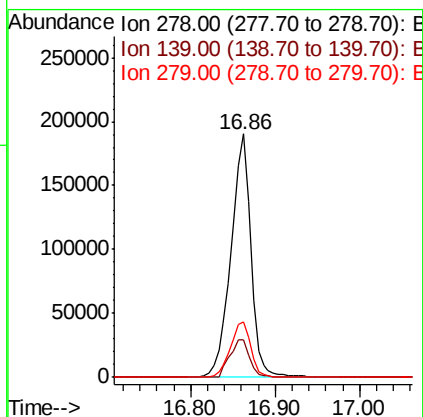
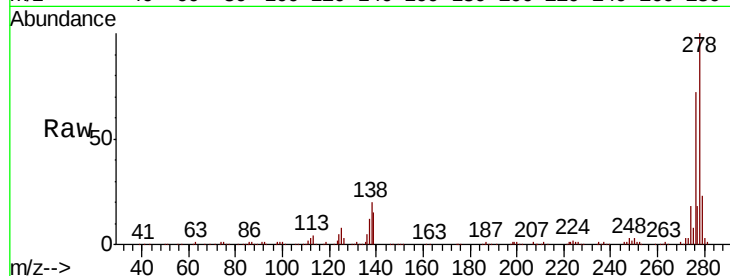




#91
Dibenzo(a,h)anthracene
Concen: 50.790 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.5	20.3
279	22.9	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 51.051 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117051.D
Acq: 16 Sep 2019 9:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	21.2	18.0	27.0

