

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117018.D
 Acq On : 13 Sep 2019 12:55
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Sep 13 14:48:40 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 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75953	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	311451	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	156327	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	258732	20.00	ng	0.00
76) Chrysene-d12	13.97	240	198271	20.00	ng	0.00
87) Perylene-d12	15.42	264	188398	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	204886	43.70	ng	0.00
7) Phenol-d6	6.45	99	264530	42.97	ng	0.00
23) Nitrobenzene-d5	7.38	82	247277	45.32	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	54974	52.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	441804	47.67	ng	0.00
79) Terphenyl-d14	12.92	244	436337	40.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	41178	19.027	ng	99
3) Pyridine	3.31	79	107260	17.117	ng	96
4) n-Nitrosodimethylamine	3.25	42	37423	17.392	ng	97
6) Aniline	6.48	93	173843	20.388	ng	99
8) 2-Chlorophenol	6.60	128	111716	21.828	ng	99
9) Benzaldehyde	6.37	77	82348	20.304	ng	97
10) Phenol	6.46	94	146892	21.548	ng	90
11) bis(2-Chloroethyl)ether	6.55	93	110207	20.762	ng	99
12) 1,3-Dichlorobenzene	6.76	146	124727	21.563	ng	99
13) 1,4-Dichlorobenzene	6.84	146	127969	22.222	ng	99
14) 1,2-Dichlorobenzene	6.99	146	119353	22.364	ng	97
15) Benzyl Alcohol	6.96	79	99736	19.958	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	104095	16.715	ng	98
17) 2-Methylphenol	7.07	107	92204	20.580	ng	98
18) Hexachloroethane	7.33	117	47795	21.362	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	79726	19.669	ng	96
20) 3+4-Methylphenols	7.23	107	114572	21.994	ng	90
22) Acetophenone	7.23	105	168773	22.508	ng	99
24) Nitrobenzene	7.40	77	122274	22.037	ng	98
25) Isophorone	7.64	82	217034	19.632	ng	99
26) 2-Nitrophenol	7.72	139	49792	24.137	ng	96
27) 2,4-Dimethylphenol	7.76	122	83210	19.973	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	138408	20.488	ng	98
29) 2,4-Dichlorophenol	7.96	162	88529	22.111	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	97359	22.419	ng	100
31) Naphthalene	8.13	128	323493	21.843	ng	97
32) Benzoic acid	7.86	122	46146	19.617	ng	98
33) 4-Chloroaniline	8.17	127	144224	21.394	ng	97
34) Hexachlorobutadiene	8.25	225	54247	22.910	ng	97
35) Caprolactam	8.52	113	28664	19.130	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	102808	22.341	ng	99
37) 2-Methylnaphthalene	8.82	142	216620	21.984	ng	99
38) 1-Methylnaphthalene	8.92	142	200610	21.567	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	87493	23.347	ng	99

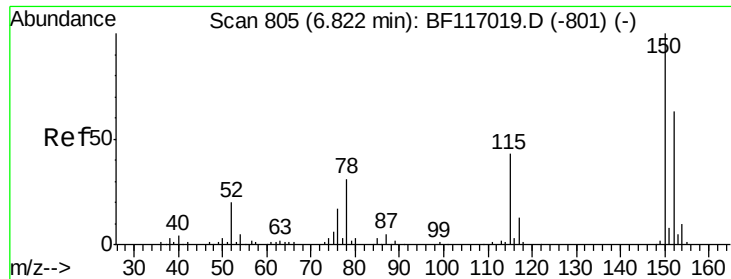
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117018.D
 Acq On : 13 Sep 2019 12:55
 Operator : HP/JU
 Sample : SSTDICC020
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 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	25150	11.622	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	57619	22.430	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	63131	23.672	ng	98
46) 1,1'-Biphenyl	9.27	154	266462	22.463	ng	99
47) 2-Chloronaphthalene	9.30	162	209913	22.342	ng	99
48) 2-Nitroaniline	9.39	65	62950	23.176	ng	95
49) Acenaphthylene	9.72	152	314979	22.178	ng	99
50) Dimethylphthalate	9.57	163	230838	21.388	ng	100
51) 2,6-Dinitrotoluene	9.63	165	45464	22.079	ng	91
52) Acenaphthene	9.89	154	184585	21.152	ng	98
53) 3-Nitroaniline	9.80	138	58029	22.487	ng	95
54) 2,4-Dinitrophenol	9.92	184	11856	19.598	ng	92
55) Dibenzofuran	10.06	168	275896	22.427	ng	98
56) 4-Nitrophenol	9.97	139	35222	19.906	ng	93
57) 2,4-Dinitrotoluene	10.04	165	58224	23.124	ng	99
58) Fluorene	10.40	166	222742	23.763	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	47080	24.460	ng	96
60) Diethylphthalate	10.27	149	233579	21.605	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	94444	23.009	ng	98
62) 4-Nitroaniline	10.41	138	61862	24.702	ng	97
63) Azobenzene	10.55	77	239993	21.289	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	17895	20.480	ng	97
66) n-Nitrosodiphenylamine	10.50	169	191399	21.384	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	55793	21.227	ng	96
68) Hexachlorobenzene	10.95	284	60884	22.140	ng	93
69) Atrazine	11.03	200	52420	20.911	ng	98
70) Pentachlorophenol	11.14	266	25943	19.502	ng	97
71) Phenanthrene	11.36	178	317285	22.030	ng	100
72) Anthracene	11.41	178	320046	22.075	ng	98
73) Carbazole	11.56	167	306910	22.223	ng	99
74) Di-n-butylphthalate	11.89	149	361709	20.430	ng	98
75) Fluoranthene	12.54	202	328278	23.193	ng	99
77) Benzidine	12.66	184	175264	22.537	ng	99
78) Pyrene	12.77	202	336672	19.102	ng	99
80) Butylbenzylphthalate	13.39	149	152207	17.758	ng	95
81) Benzo(a)anthracene	13.96	228	276337	22.021	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	95139	22.435	ng	99
83) Chrysene	14.00	228	273614	21.164	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	200370	18.938	ng	99
85) Di-n-octyl phthalate	14.56	149	326749	18.872	ng	99
86) Indeno(1,2,3-cd)pyrene	16.85	276	185585	17.872	ng	99
88) Benzo(b)fluoranthene	15.00	252	244865	21.498	ng	96
89) Benzo(k)fluoranthene	15.03	252	231758	22.316	ng	98
90) Benzo(a)pyrene	15.36	252	212556	21.449	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	152758	17.611	ng	99
92) Benzo(g,h,i)perylene	17.29	276	147001	16.617	ng	99

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

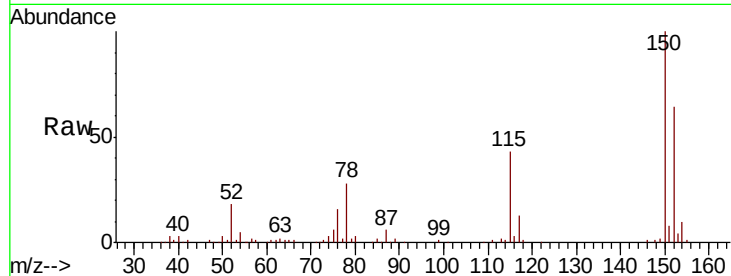


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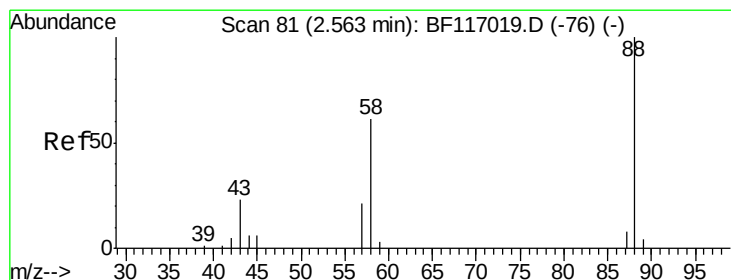
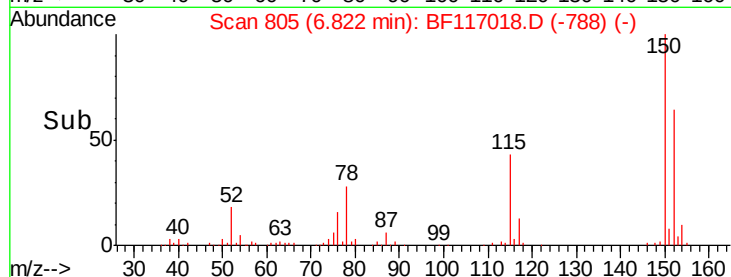
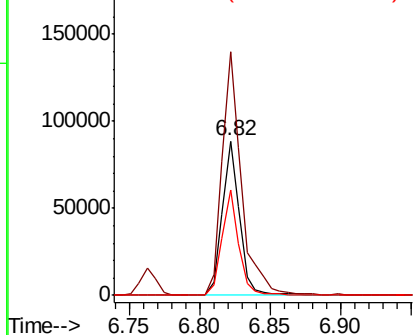
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:152 Resp: 75953
Ion Ratio Lower Upper
152 100
150 157.5 127.5 191.3
115 67.8 55.0 82.4



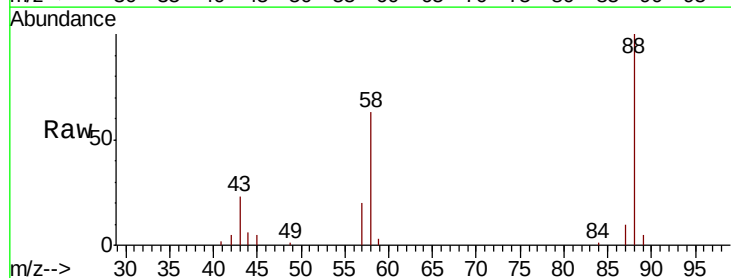
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



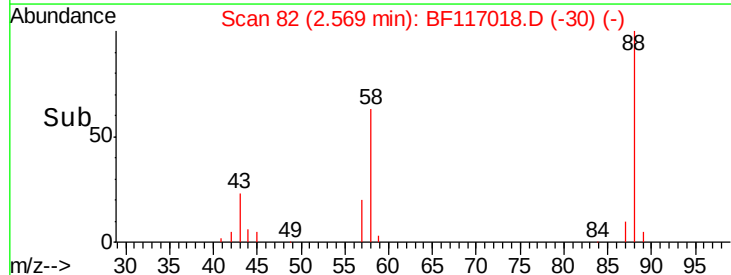
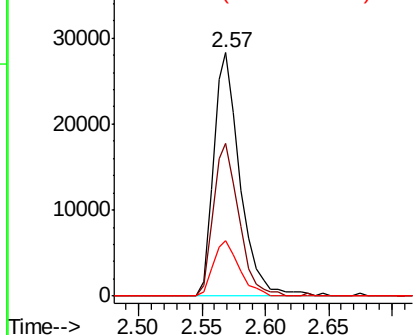
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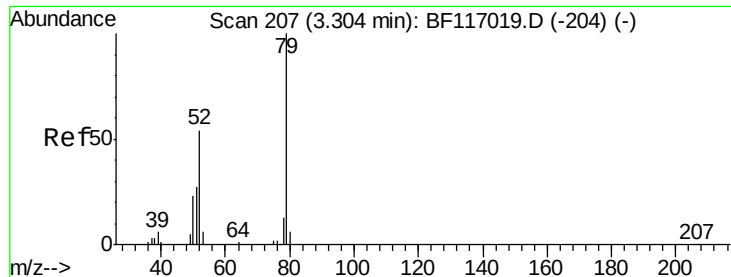
1,4-Dioxane
Concen: 19.027 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion: 88 Resp: 41178
Ion Ratio Lower Upper
88 100
58 60.8 49.3 73.9
43 22.5 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: 17.117 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

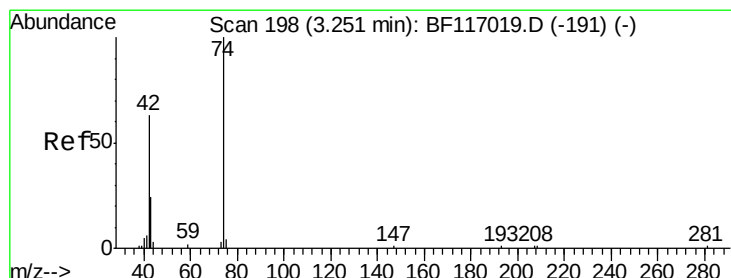
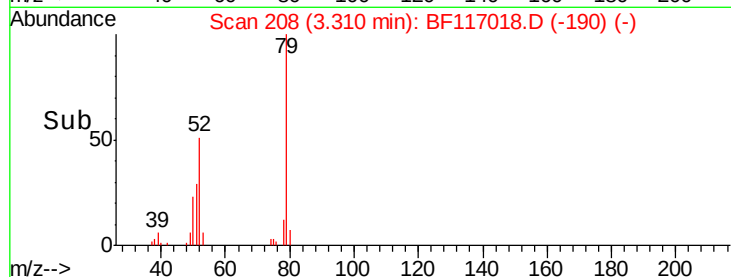
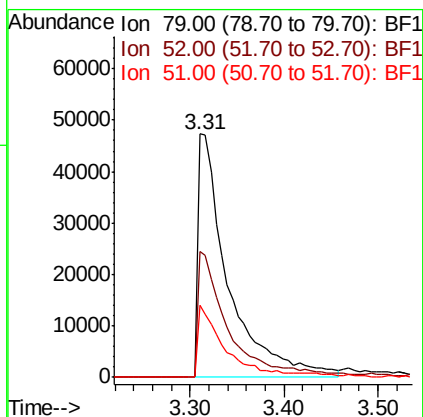
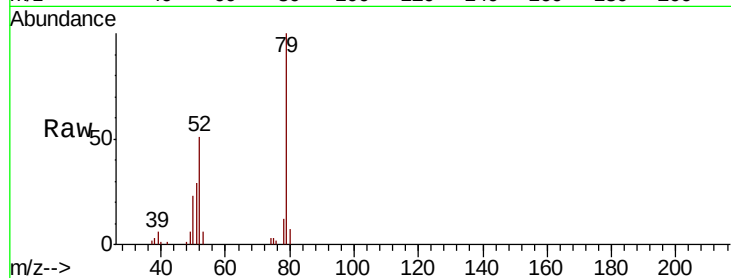
Tot Ion: 79 Resp: 107260

Ion Ratio Lower Upper

79 100

52 51.5 43.5 65.3

51 29.4 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 17.392 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

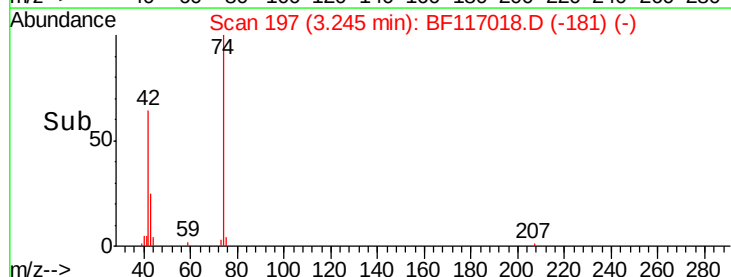
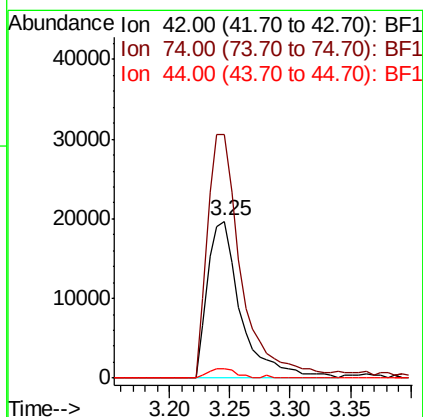
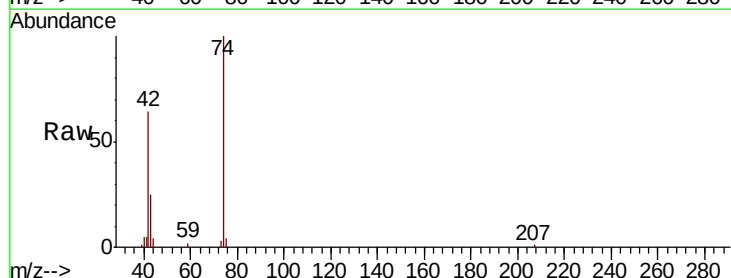
Tgt Ion: 42 Resp: 37423

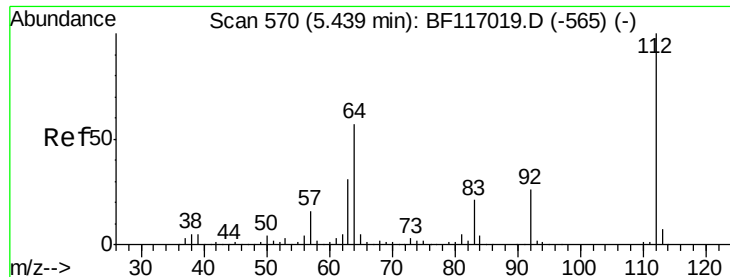
Ion Ratio Lower Upper

42 100

74 155.3 127.1 190.7

44 5.8 4.3 6.5

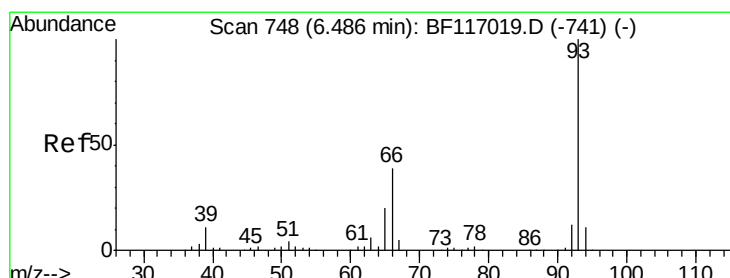
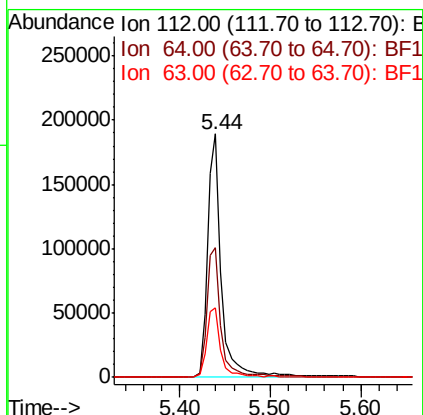
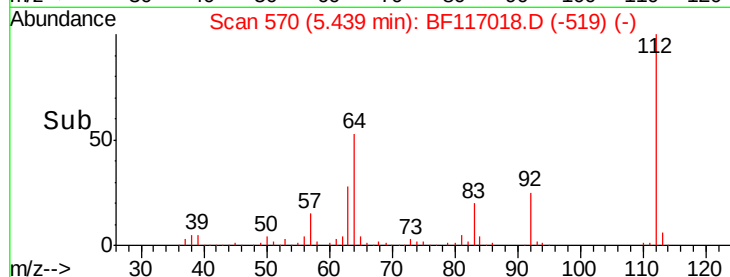
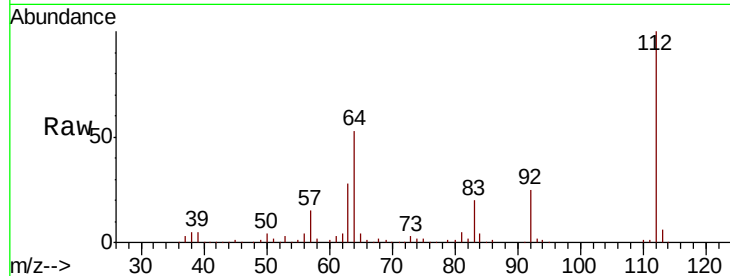




#5
2-Fluorophenol
Concen: 43.702 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

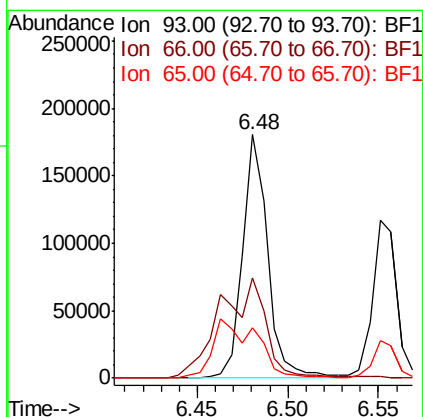
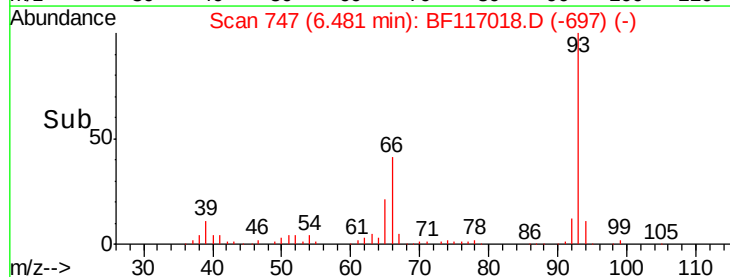
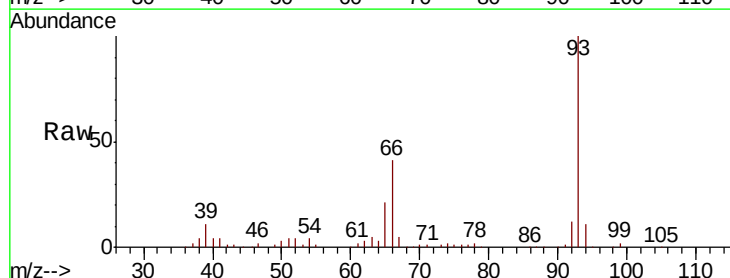
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

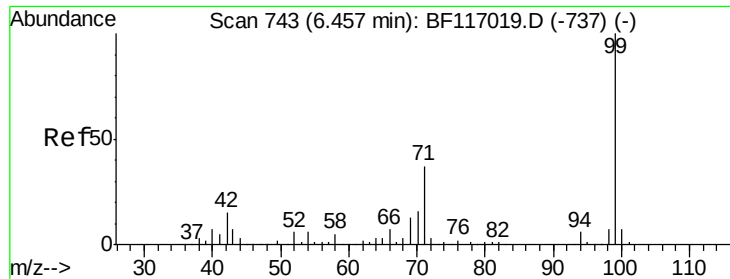
Tot Ion: 112 Resp: 204886
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 28.5 24.9 37.3



#6
Aniline
Concen: 20.388 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion: 93 Resp: 173843
Ion Ratio Lower Upper
93 100
66 41.2 32.6 49.0
65 20.6 16.7 25.1





#7

Phenol-d6

Concen: 42.969 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

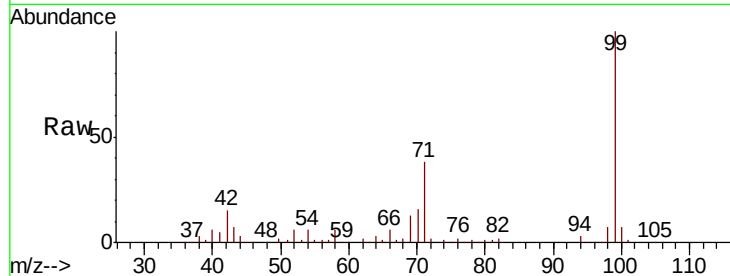
Tot Ion: 99 Resp: 264530

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

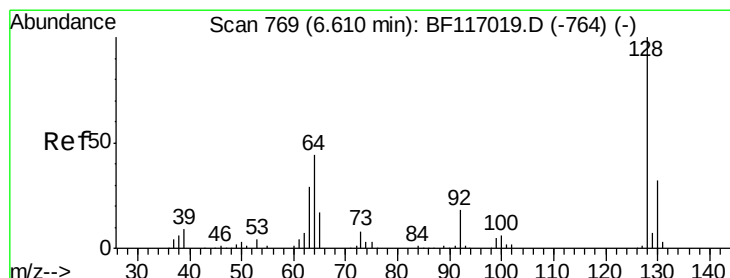
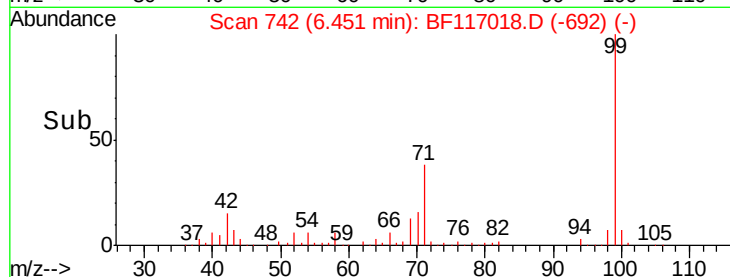
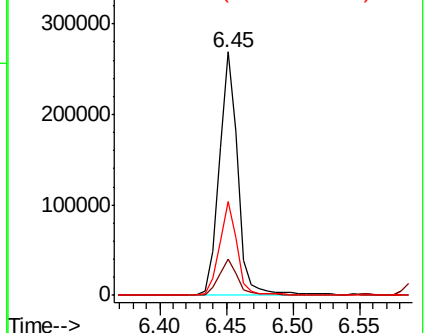
71 38.3 29.8 44.8



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: 21.828 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

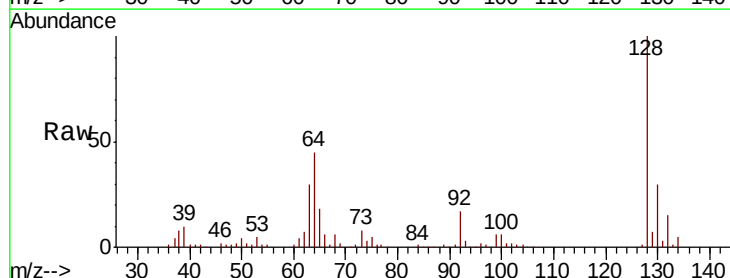
Tgt Ion: 128 Resp: 111716

Ion Ratio Lower Upper

128 100

130 30.4 11.8 51.8

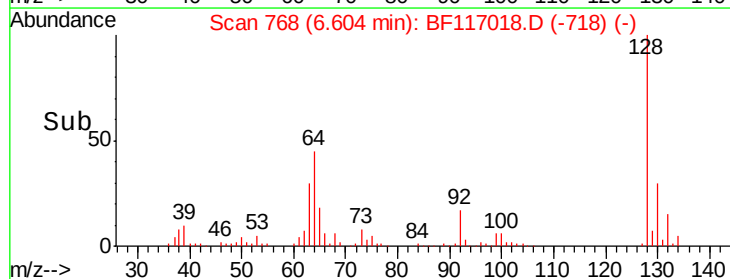
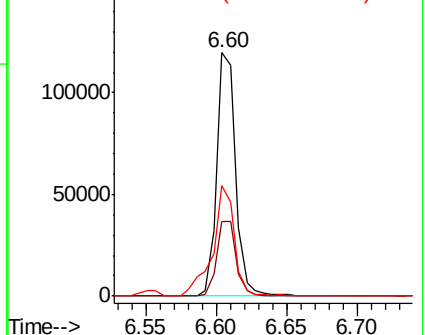
64 45.2 25.0 65.0

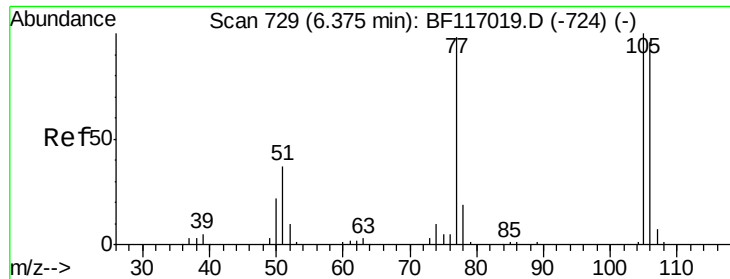


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.304 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

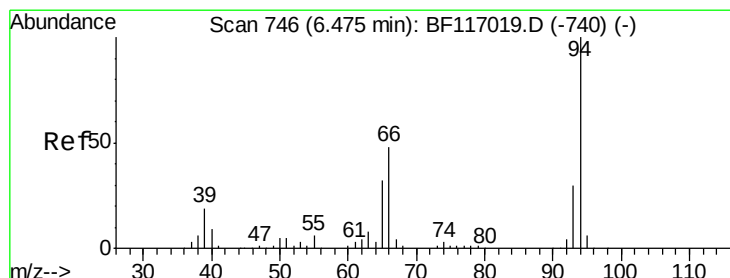
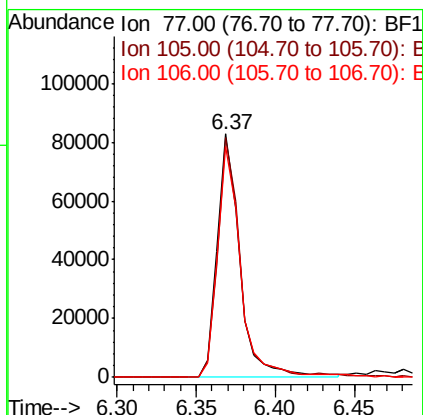
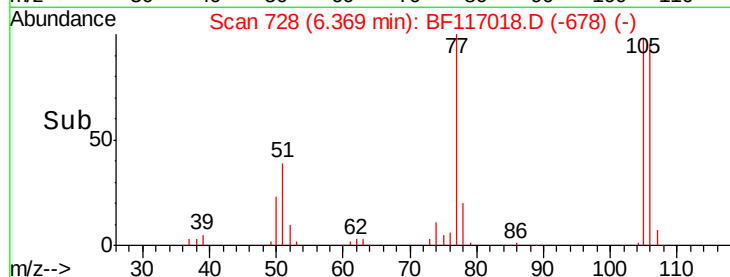
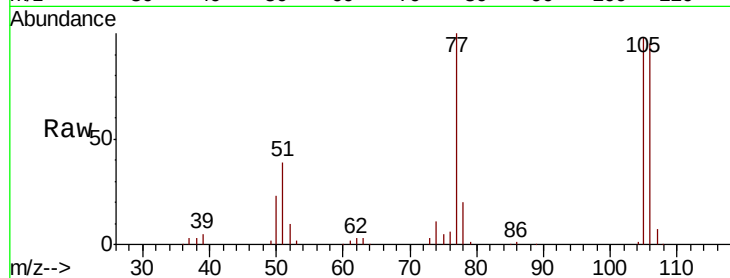
Tot Ion: 77 Resp: 82348

Ion Ratio Lower Upper

77 100

105 98.4 81.8 121.8

106 94.6 77.3 117.3



#10

Phenol

Concen: 21.548 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

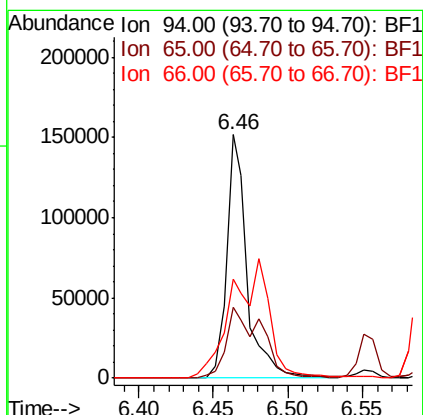
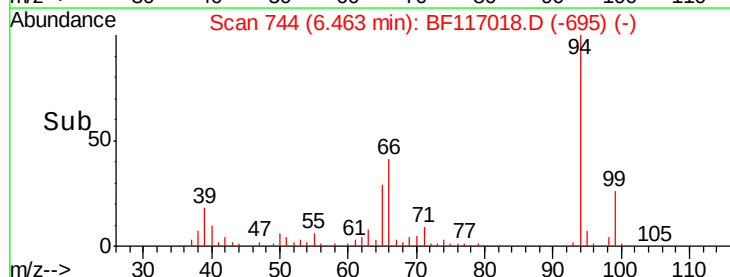
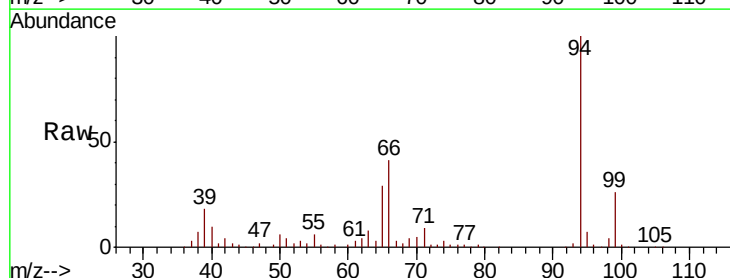
Tgt Ion: 94 Resp: 146892

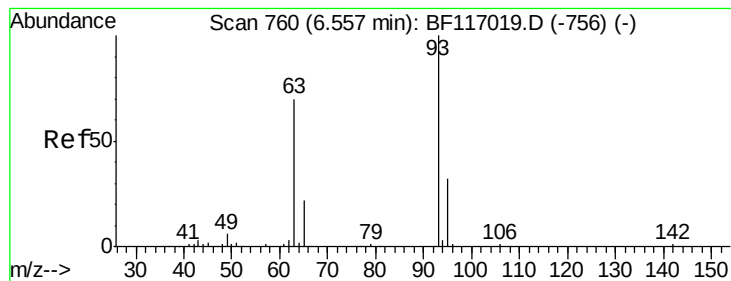
Ion Ratio Lower Upper

94 100

65 29.1 12.5 52.5

66 40.8 28.9 68.9

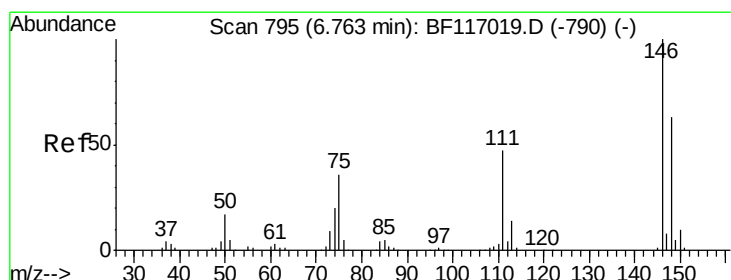
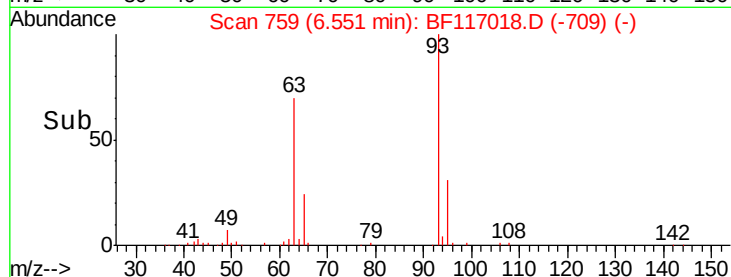
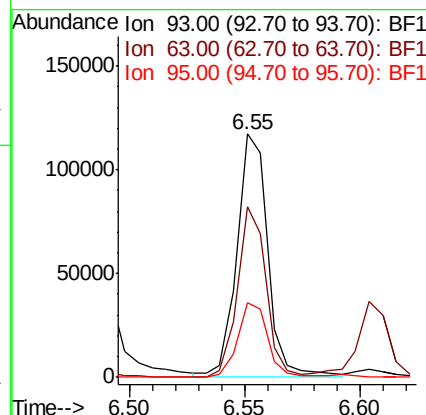
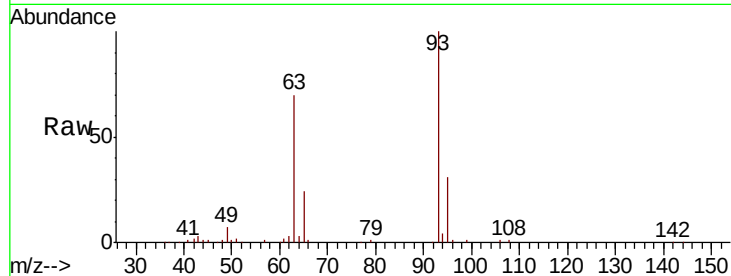




#11
bis(2-Chloroethyl)ether
Concen: 20.762 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

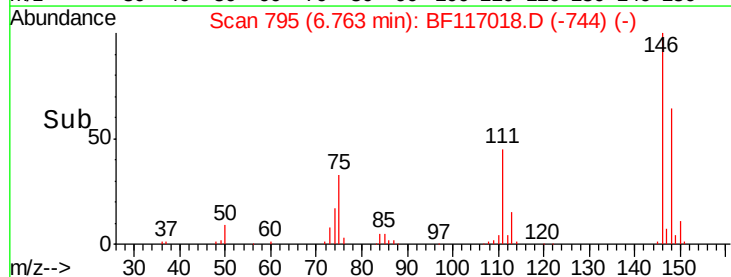
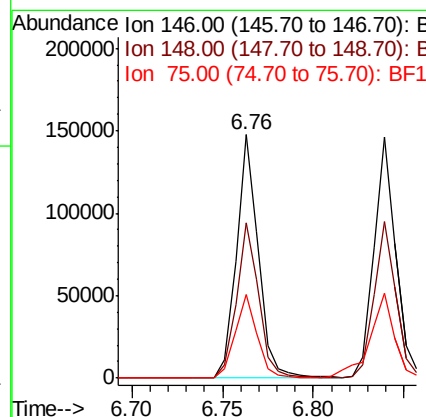
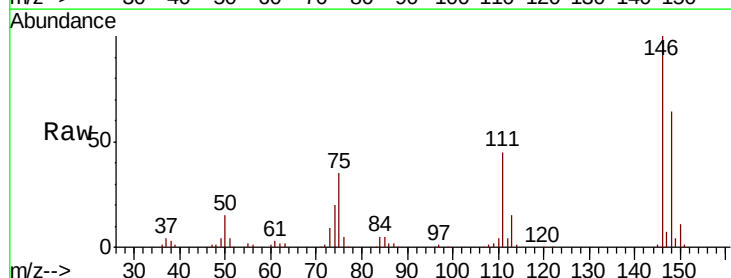
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

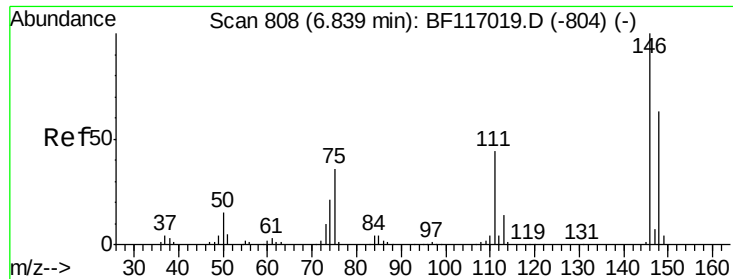
Tot Ion:	93	Resp:	110207
Ion	Ratio	Lower	Upper
93	100		
63	69.8	49.3	89.3
95	30.7	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 21.563 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:	146	Resp:	124727
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
75	34.5	28.7	43.1

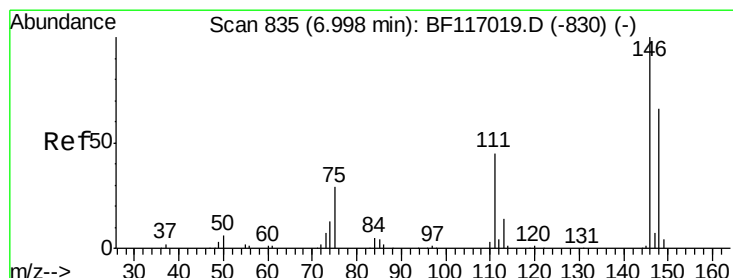
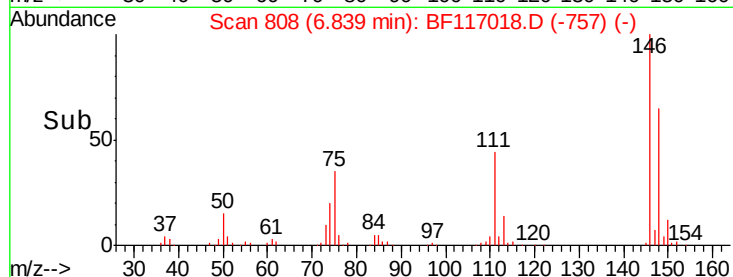
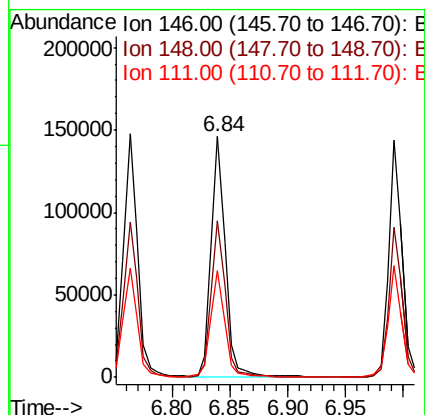
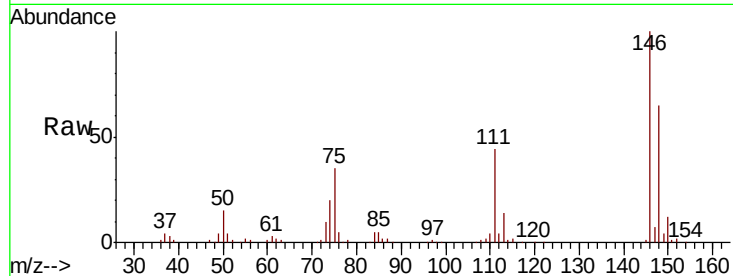




#13
 1,4-Dichlorobenzene
 Concen: 22.222 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

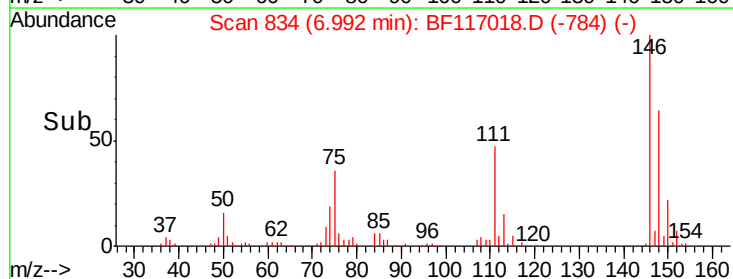
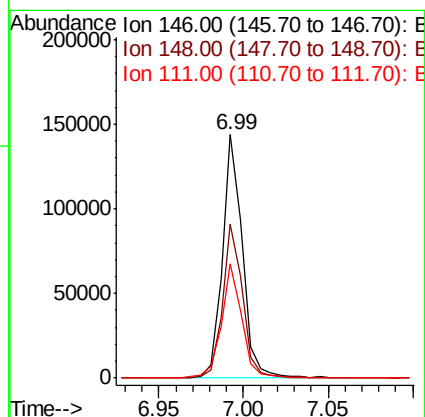
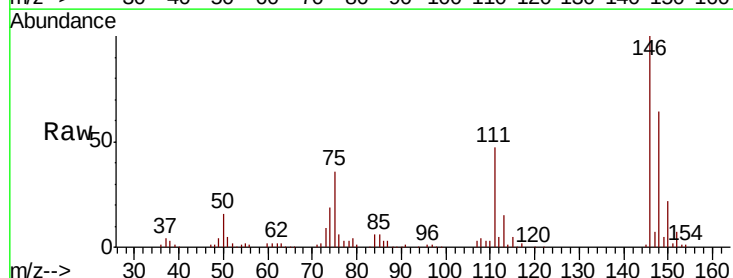
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

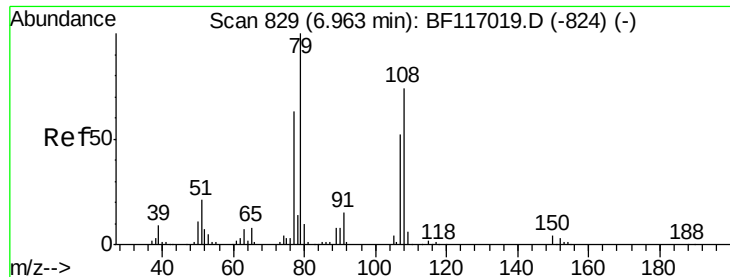
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	76.0
111	44.4	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 22.364 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.6	78.8
111	47.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 19.958 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

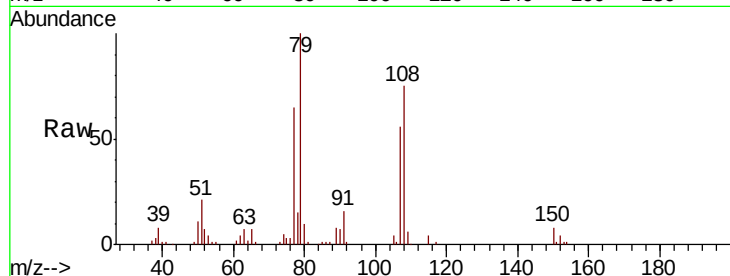
Tot Ion: 79 Resp: 99736

Ion Ratio Lower Upper

79 100

108 75.1 59.4 89.0

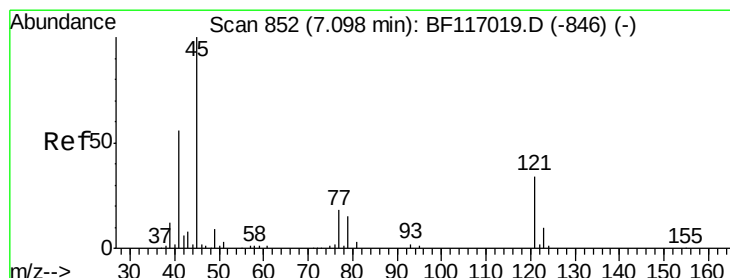
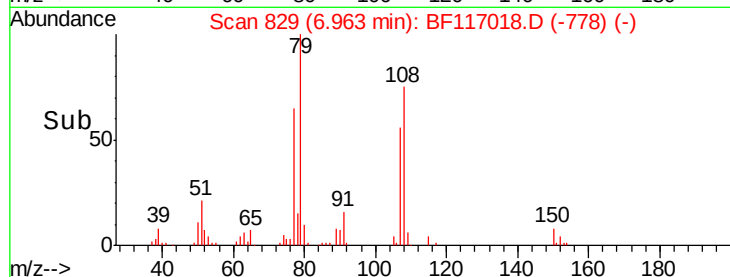
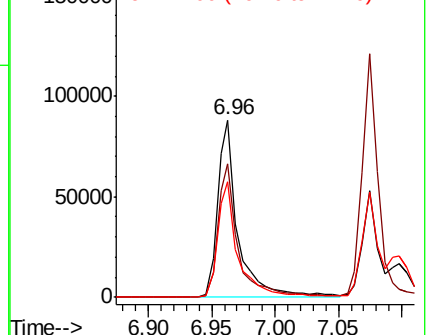
77 65.2 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.715 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

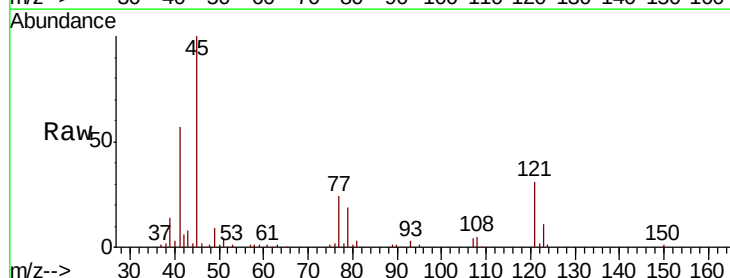
Tgt Ion: 45 Resp: 104095

Ion Ratio Lower Upper

45 100

77 24.0 2.7 42.7

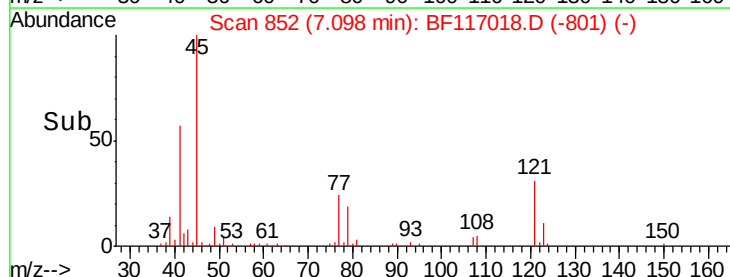
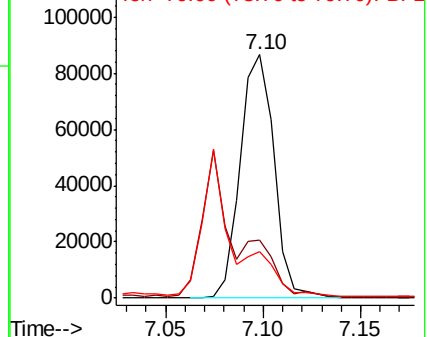
79 19.1 0.0 38.9

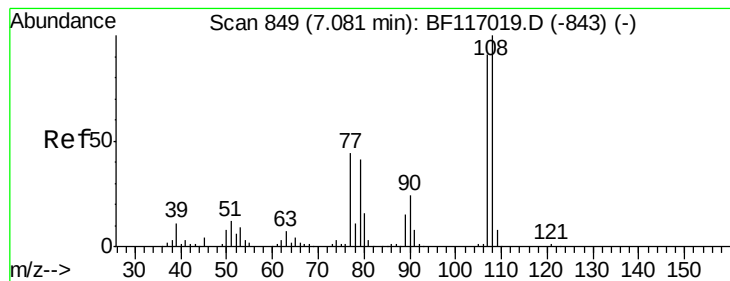


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

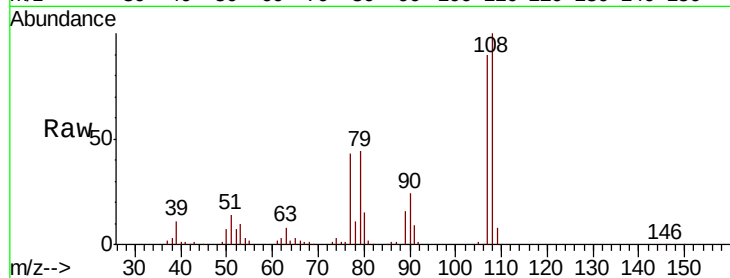




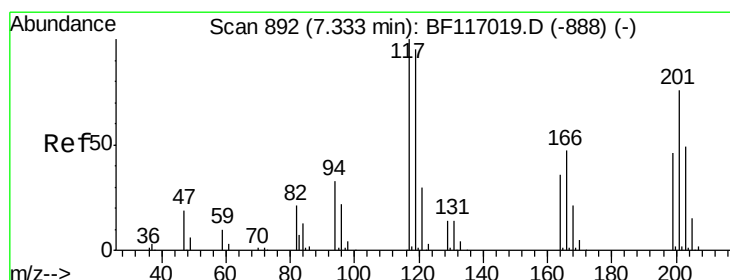
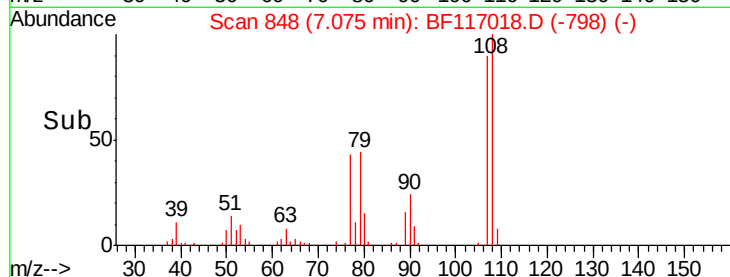
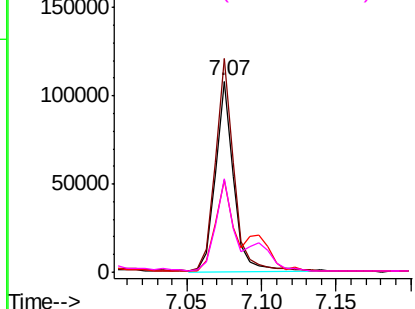
#17
2-Methylphenol
Concen: 20.580 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:	107	Resp:	92204
Ion	Ratio	Lower	Upper
107	100		
108	111.6	87.7	131.5
77	48.3	38.6	58.0
79	48.7	36.8	55.2

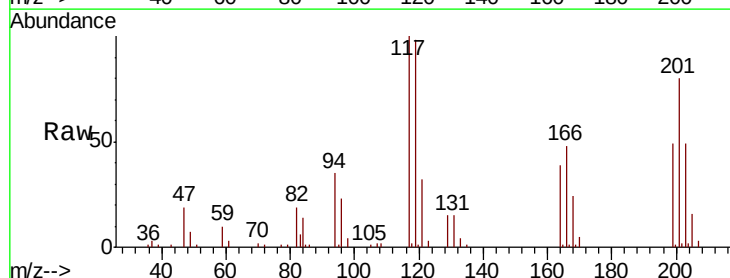


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

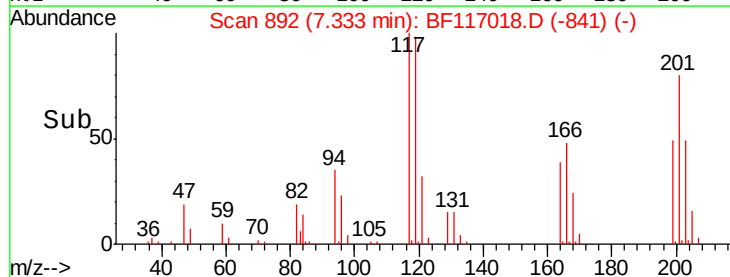
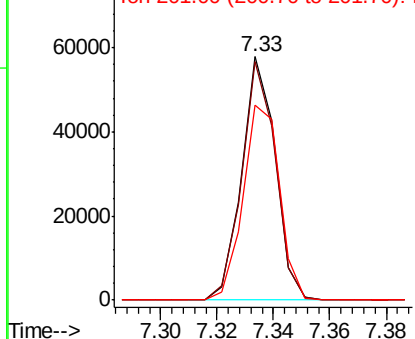


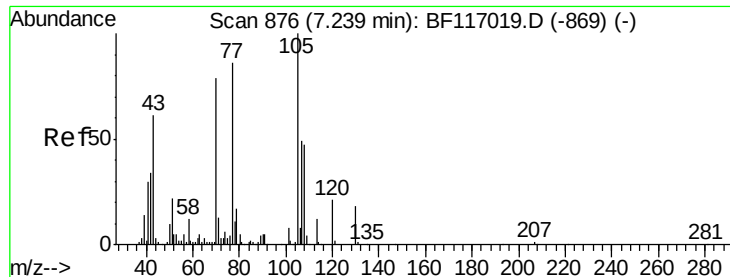
#18
Hexachloroethane
Concen: 21.362 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:	117	Resp:	47795
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	113.8
201	80.1	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

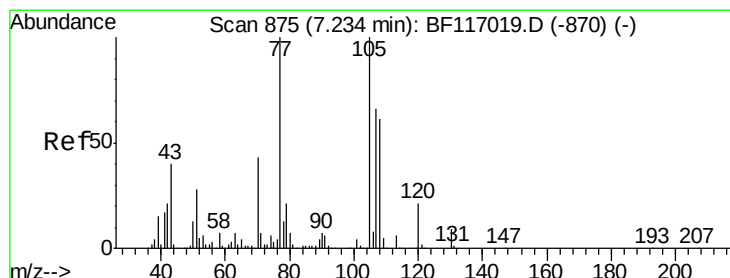
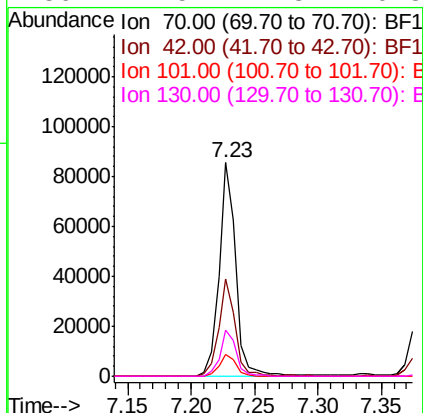
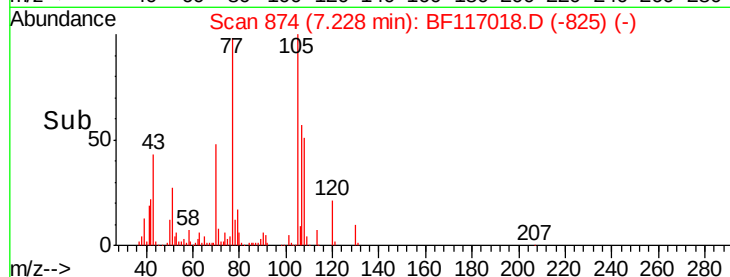
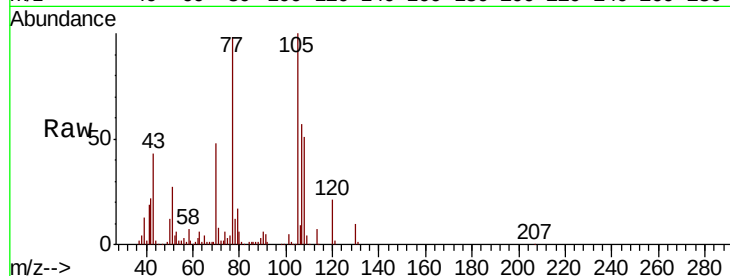




#19
n-Nitroso-di-n-propylamine
Concen: 19.669 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

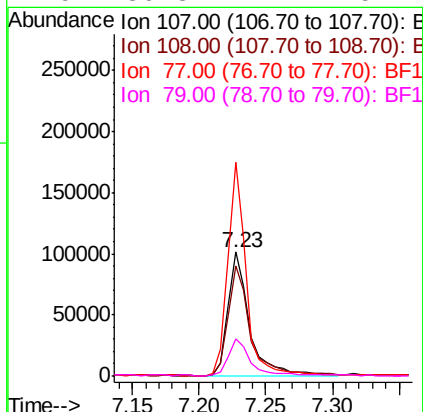
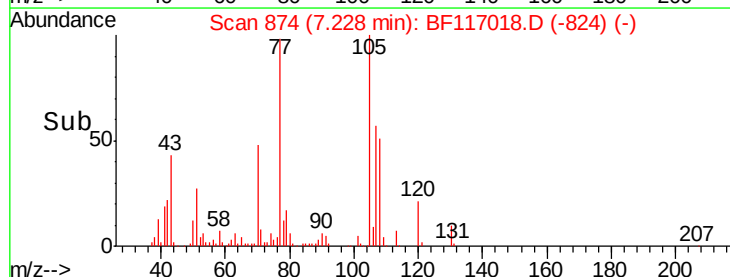
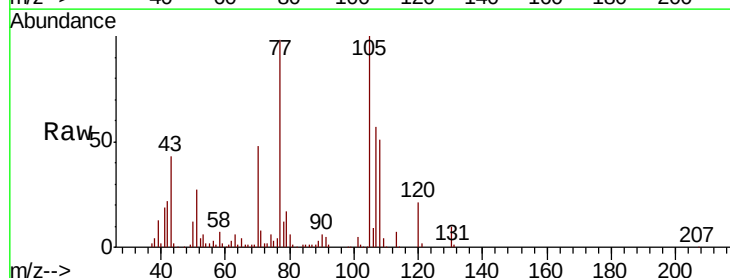
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

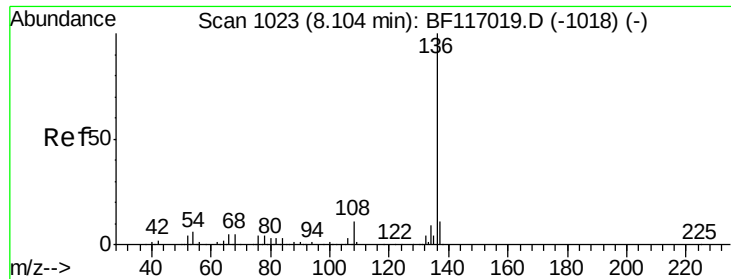
Tot Ion:	70	Resp:	79726
Ion	Ratio	Lower	Upper
70	100		
42	45.8	34.0	51.0
101	10.0	7.8	11.6
130	21.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 21.994 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:	107	Resp:	114572
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.6	112.6
77	172.1	132.1	172.1
79	30.3	12.1	52.1

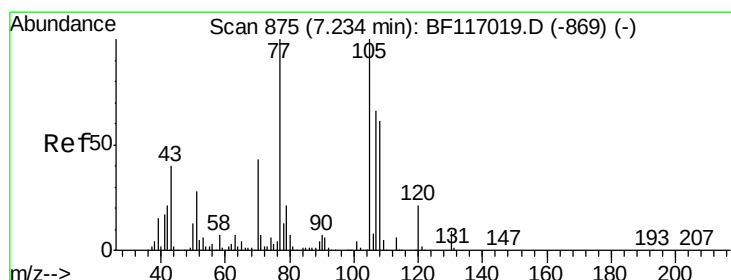
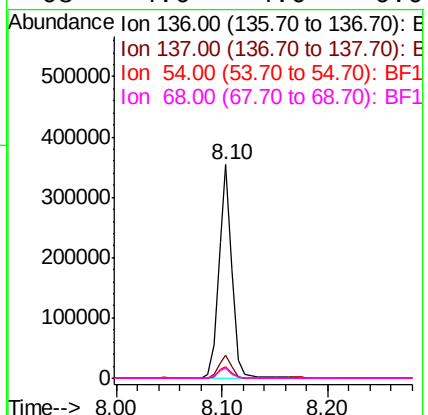
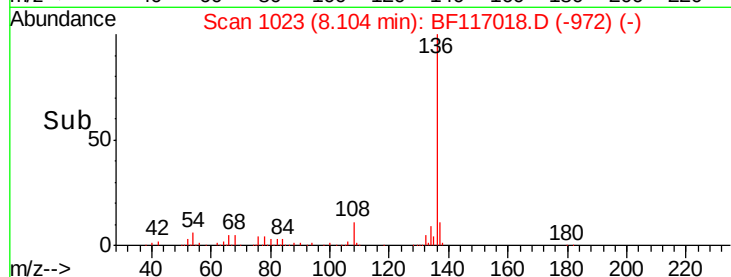
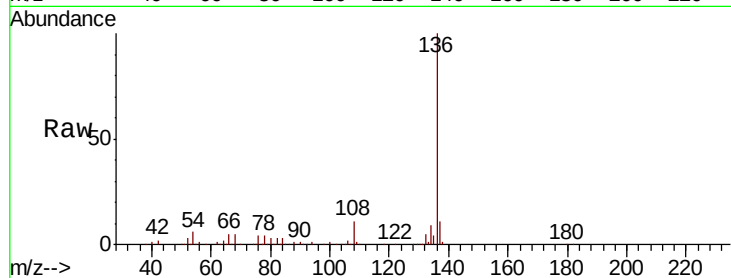




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

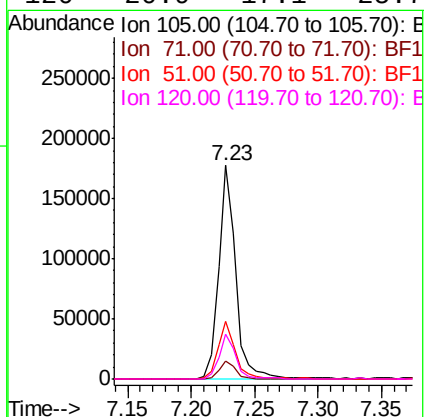
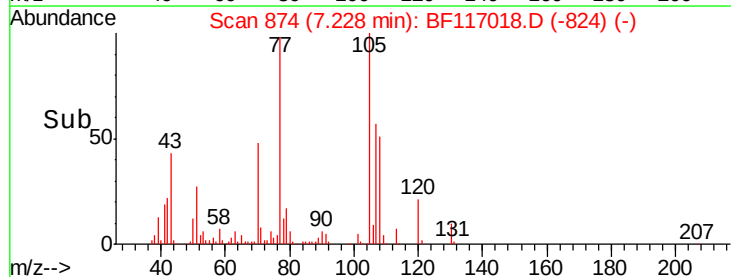
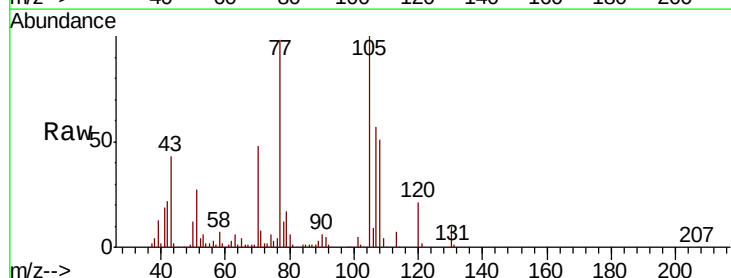
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

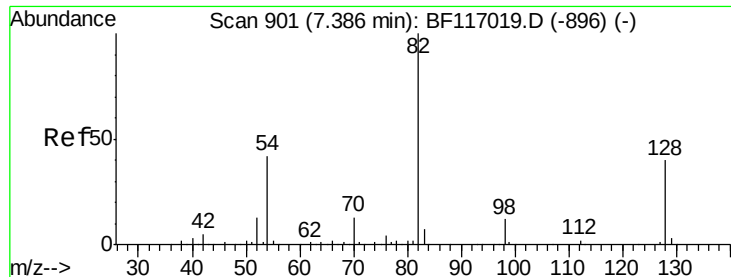
Tot Ion:136	Resp:	311451
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.6	4.5 6.7
68	4.6	4.0 6.0



#22
Acetophenone
Concen: 22.508 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:105	Resp:	168773
Ion Ratio	Lower	Upper
105	100	
71	8.1	5.7 8.5
51	27.1	22.1 33.1
120	20.9	17.1 25.7

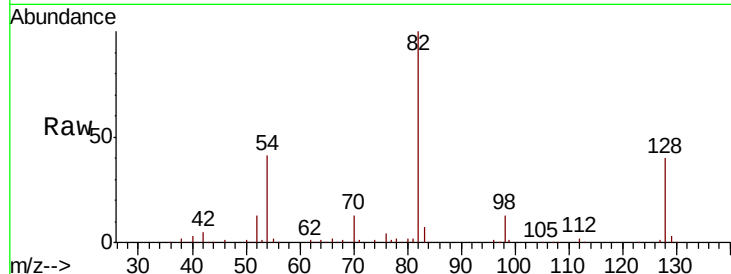




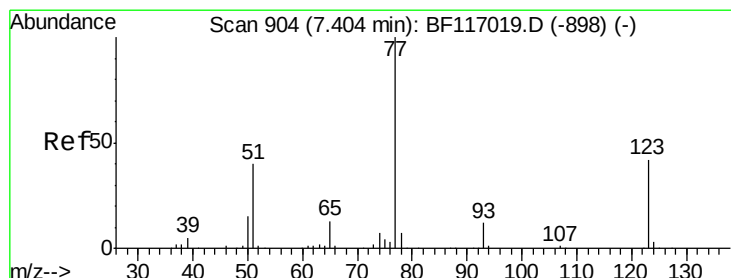
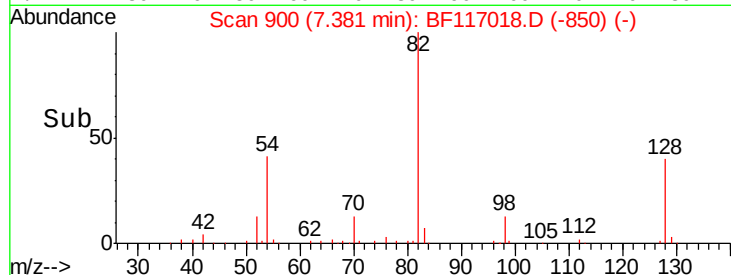
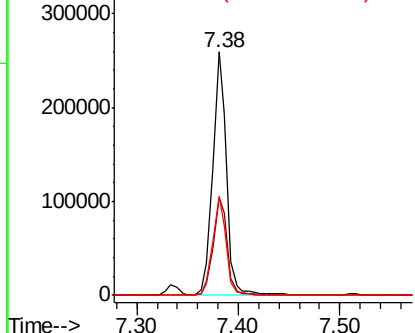
#23
Nitrobenzene-d5
Concen: 45.325 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	82	Resp	247277
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.3	48.5
54	40.8	33.3	49.9

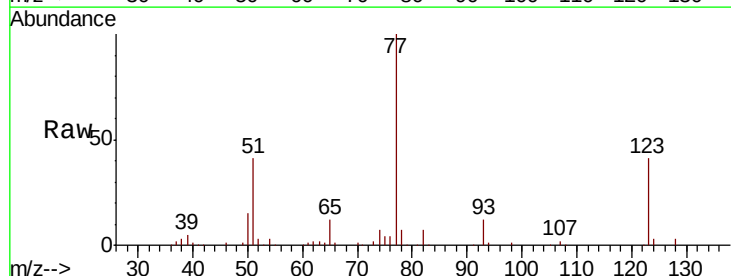


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

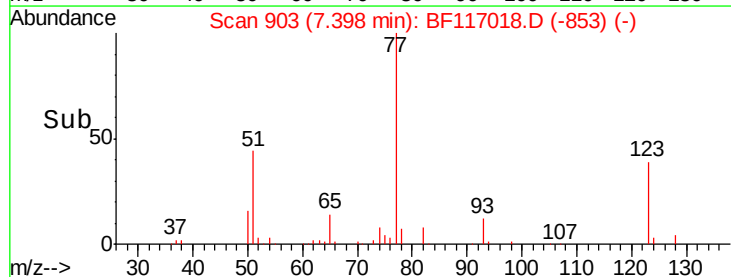
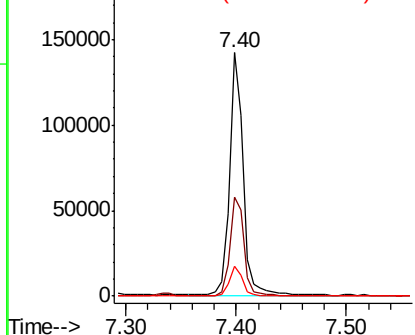


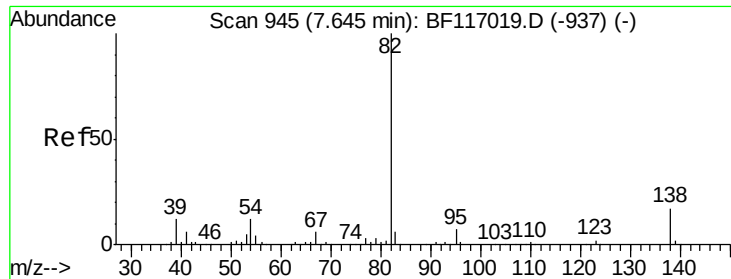
#24
Nitrobenzene
Concen: 22.037 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion	77	Resp	122274
Ion Ratio	Lower	Upper	
77	100		
123	40.6	33.5	50.3
65	12.2	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

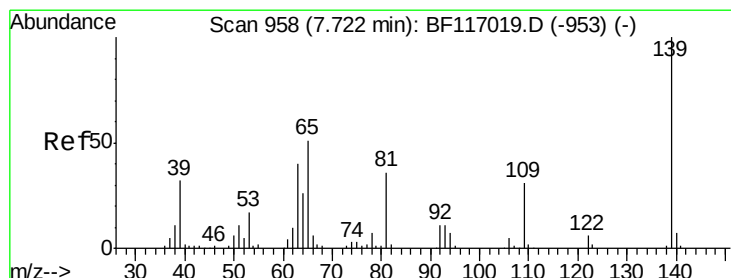
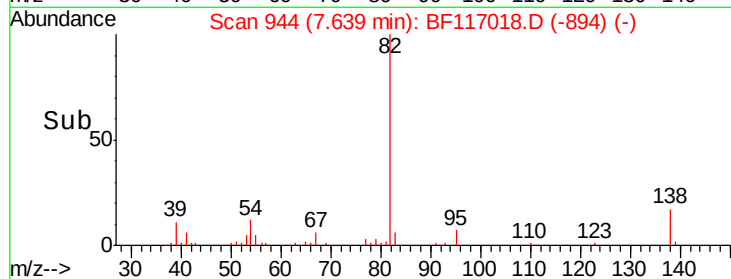
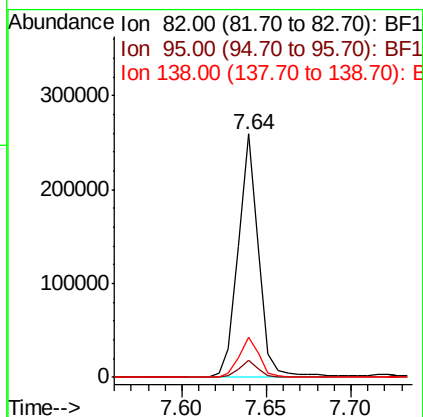
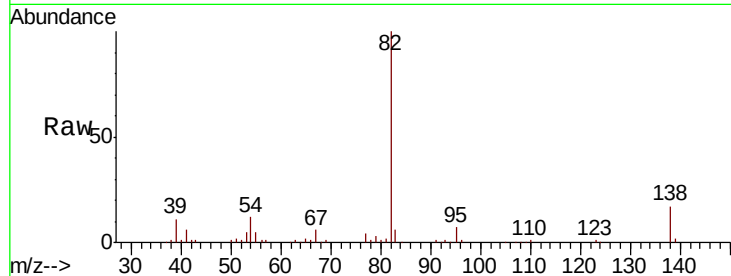




#25
Isophorone
Concen: 19.632 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

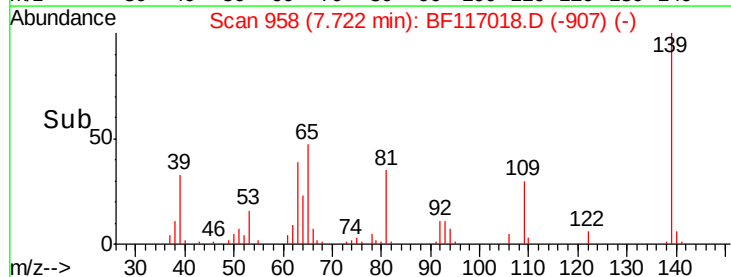
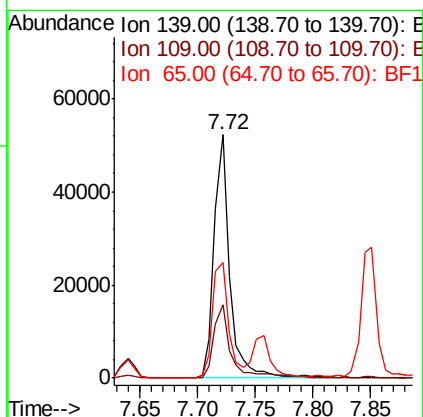
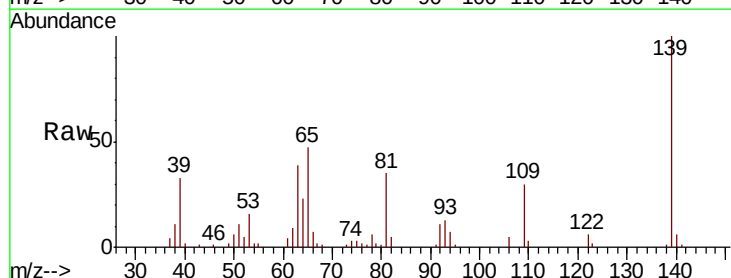
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

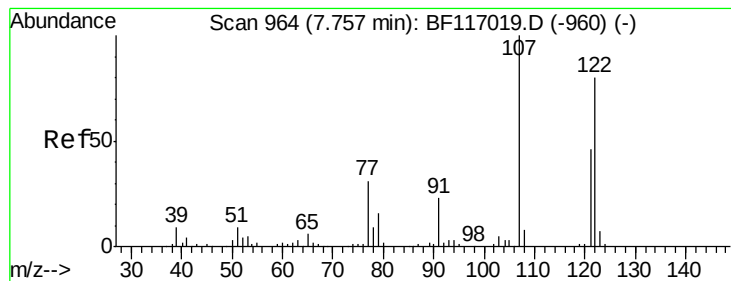
Tot Ion: 82 Resp: 217034
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 16.5 13.5 20.3



#26
2-Nitrophenol
Concen: 24.137 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion: 139 Resp: 49792
Ion Ratio Lower Upper
139 100
109 30.0 24.6 36.8
65 47.5 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 19.973 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

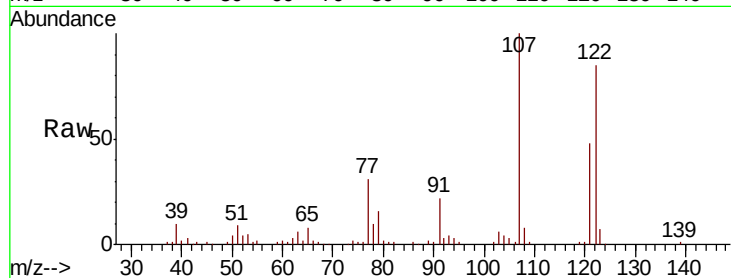
Tot Ion:122 Resp: 83210

Ion Ratio Lower Upper

122 100

107 117.3 98.9 148.3

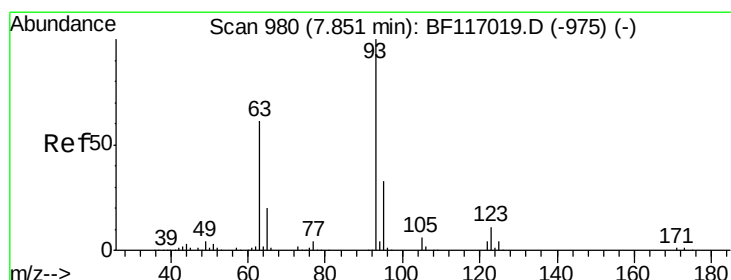
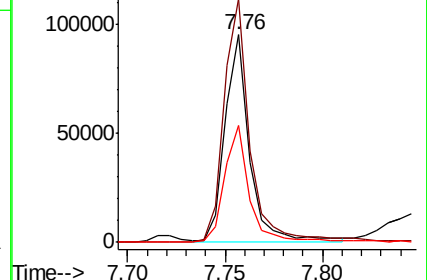
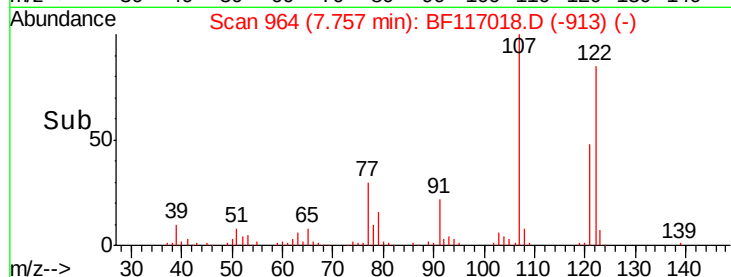
121 56.4 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

150000 Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 20.488 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

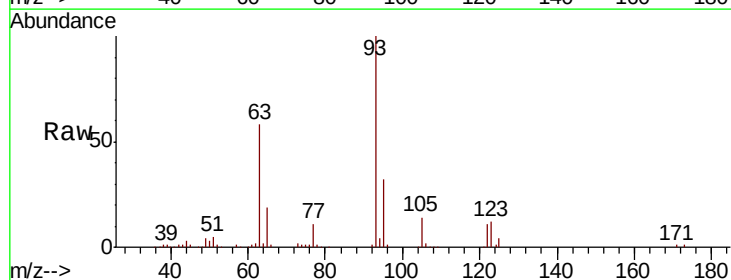
Tgt Ion: 93 Resp: 138408

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

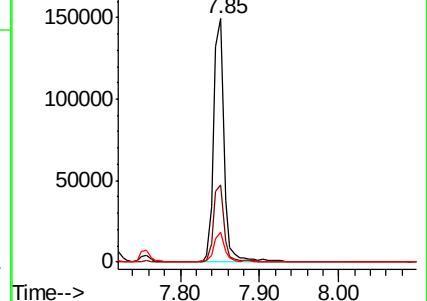
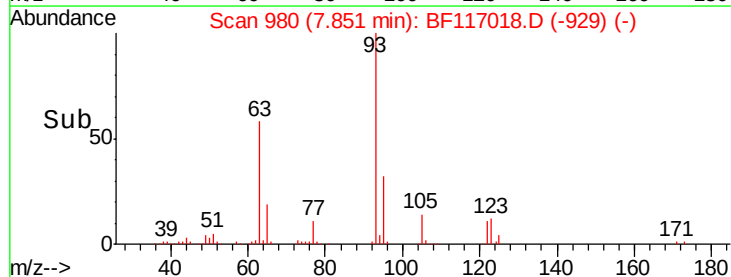
123 12.2 9.0 13.6

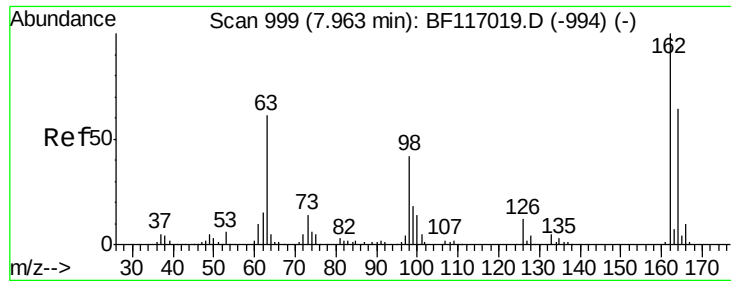


Abundance Ion 93.00 (92.70 to 93.70): BF1

200000 Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

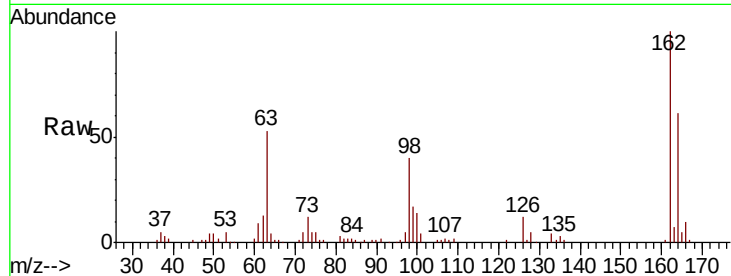




#29
 2,4-Dichlorophenol
 Concen: 22.111 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	43.8	83.8
98	39.7	22.1	62.1

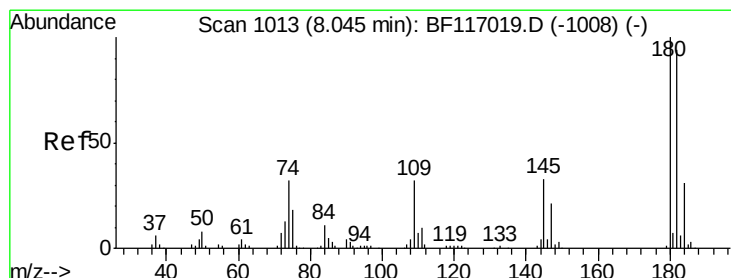
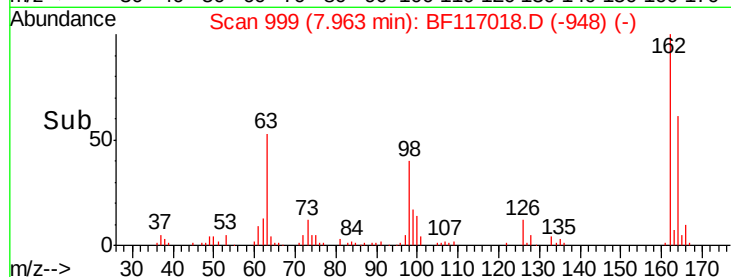
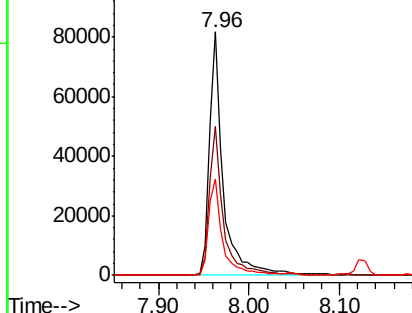


Abundance

Ion 162.00 (161.70 to 162.70): E

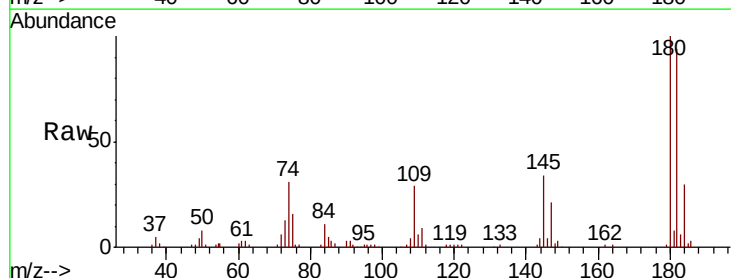
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 22.419 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.0
145	34.0	26.7	40.1

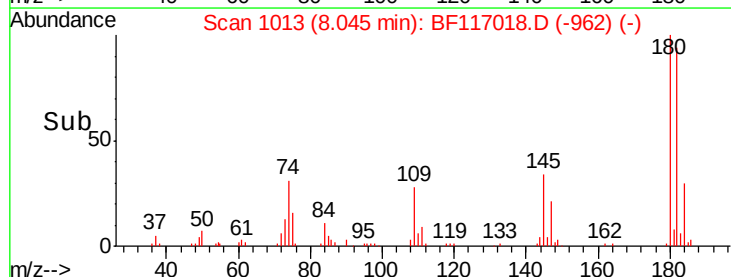
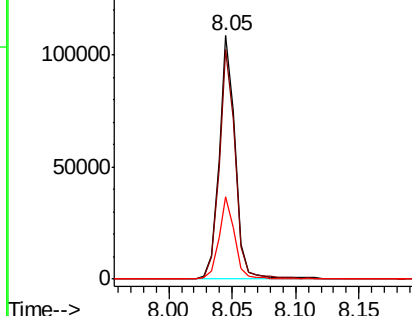


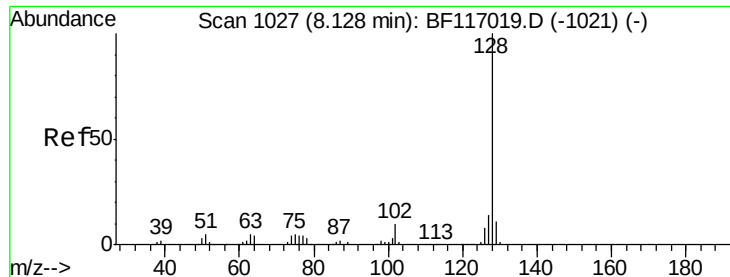
Abundance

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

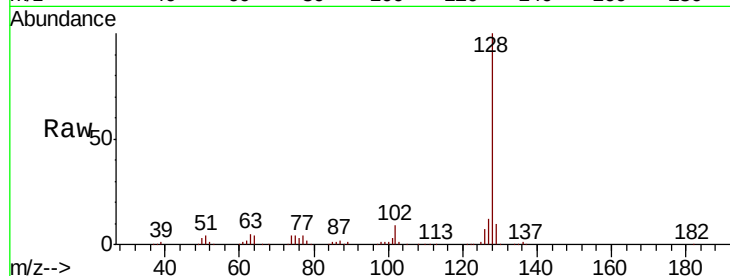




#31
Naphthalene
Concen: 21.843 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.0	13.4
127	12.4	10.8	16.2

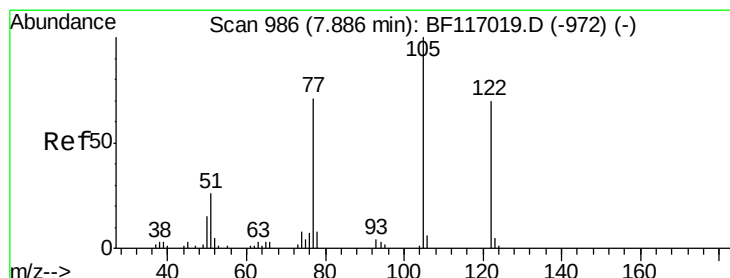
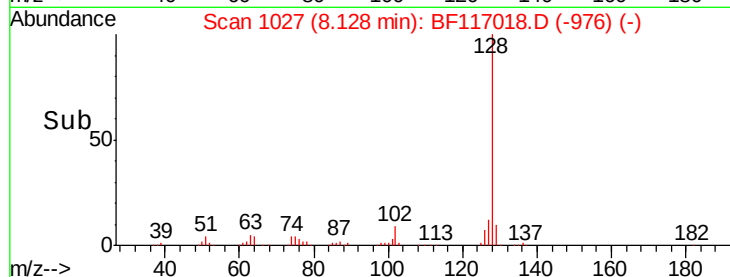
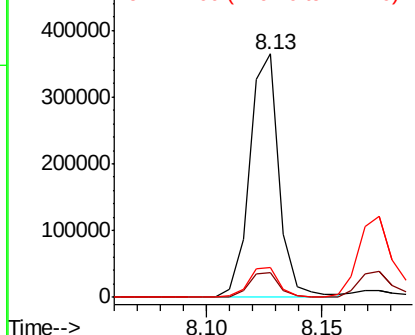


Abundance

Ion 128.00 (127.70 to 128.70): E

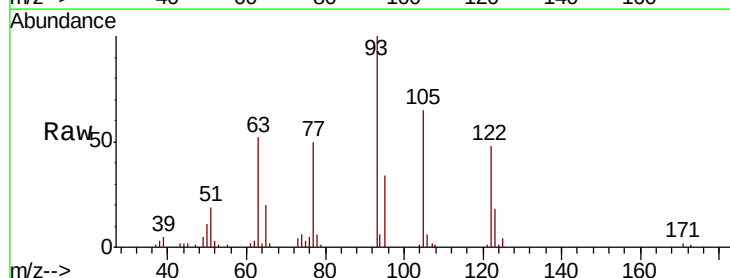
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 19.617 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	114.8	154.8
77	102.8	78.7	118.7

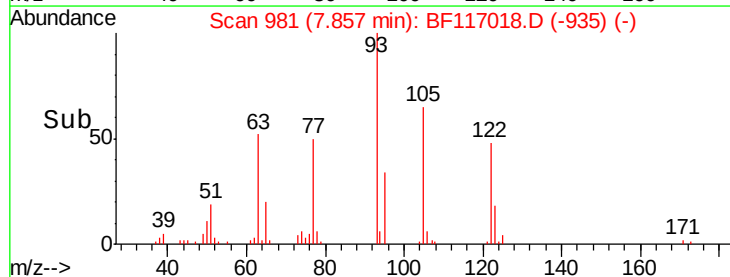
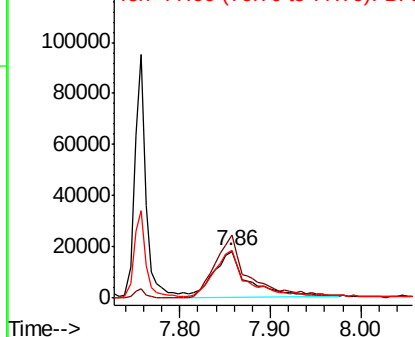


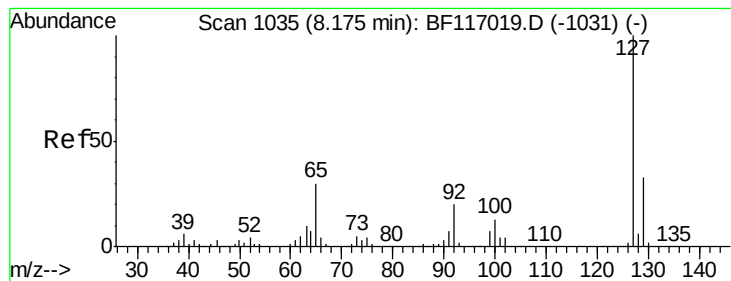
Abundance

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: 21.394 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:127 Resp: 144224

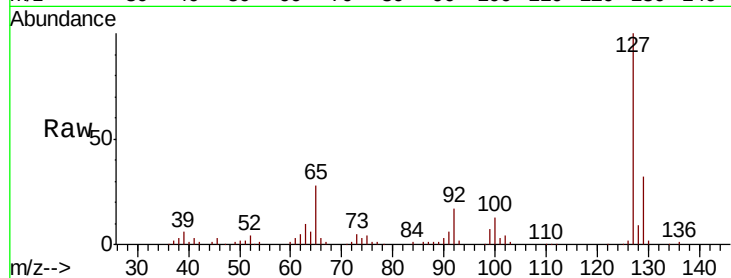
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 28.2 23.5 35.3

92 17.2 15.9 23.9

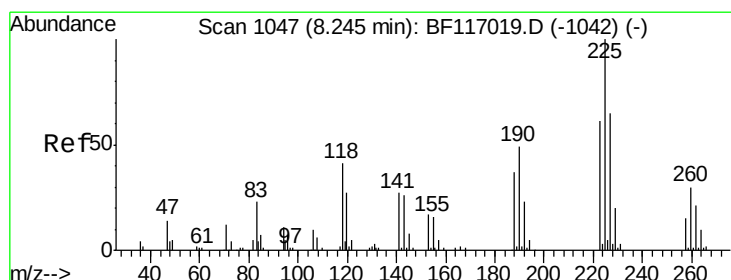
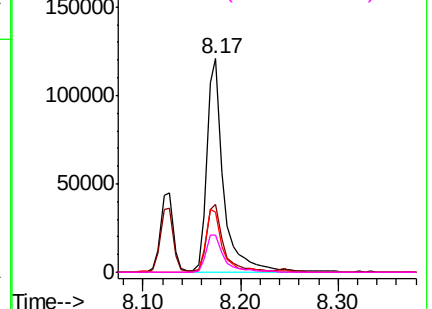
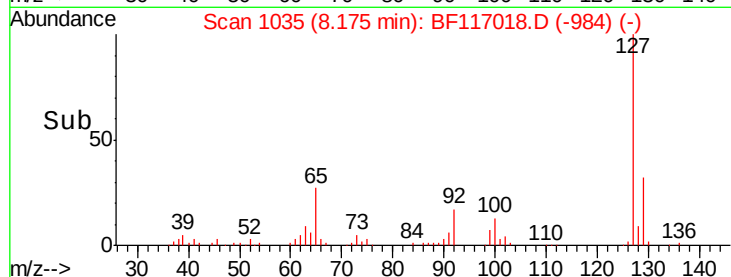


Abundance Ion 127.00 (126.70 to 127.70): E

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: 22.910 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

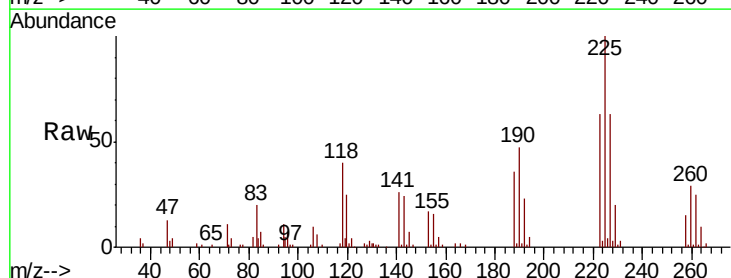
Tgt Ion:225 Resp: 54247

Ion Ratio Lower Upper

225 100

223 62.9 49.1 73.7

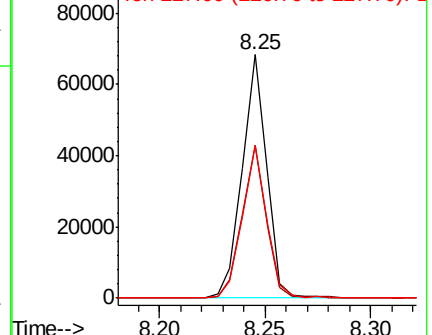
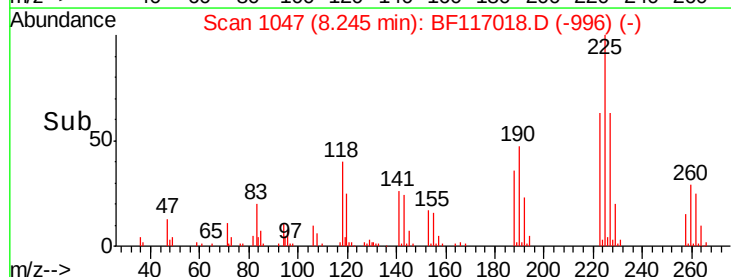
227 62.8 52.2 78.2

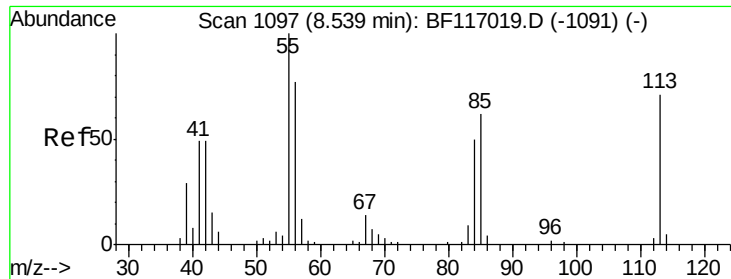


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

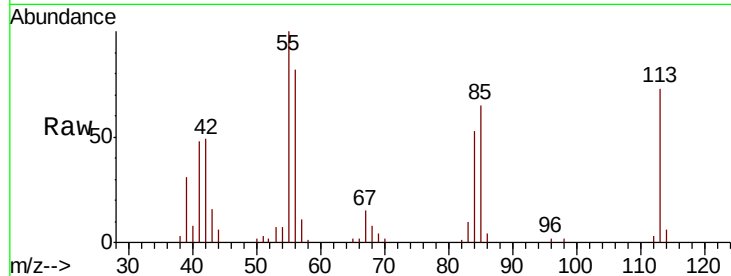




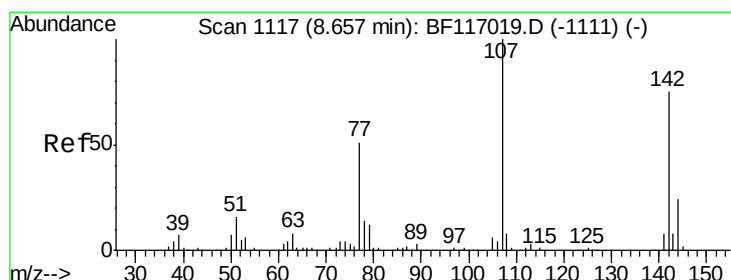
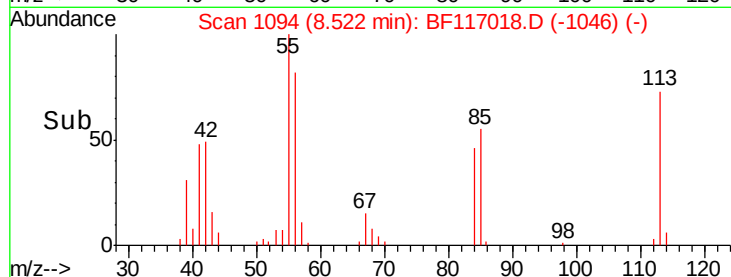
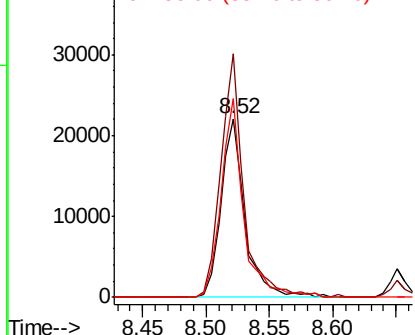
#35
 Caprolactam
 Concen: 19.130 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.02 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:113 Resp: 28664
 Ion Ratio Lower Upper
 113 100
 55 136.2 120.6 160.6
 56 111.0 88.8 128.8

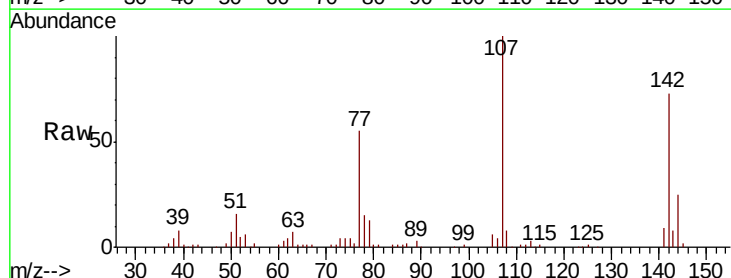


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

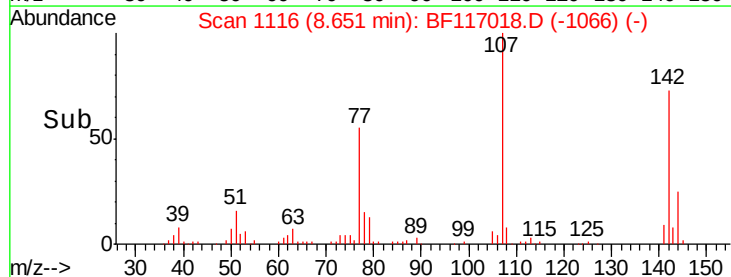
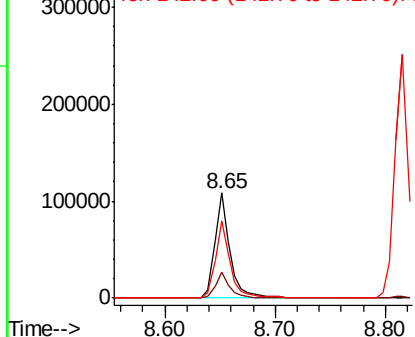


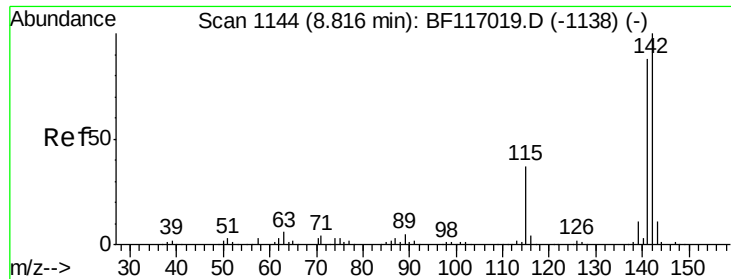
#36
 4-Chloro-3-methylphenol
 Concen: 22.341 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion:107 Resp: 102808
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.2 28.8
 142 73.5 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

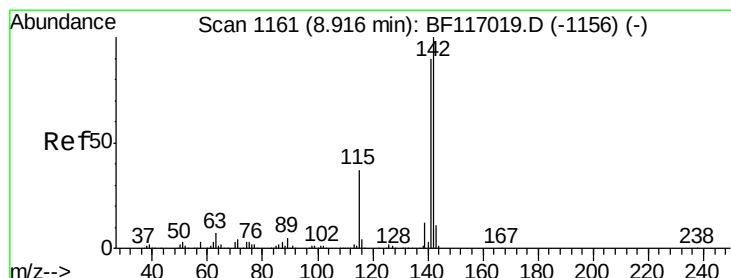
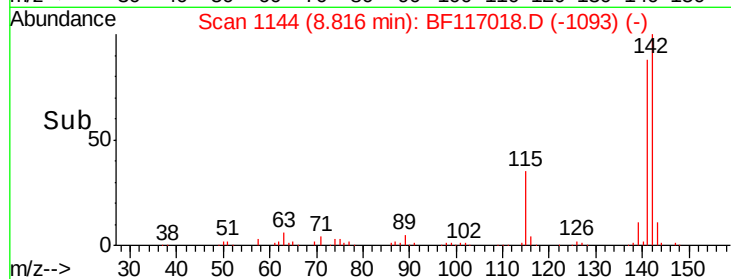
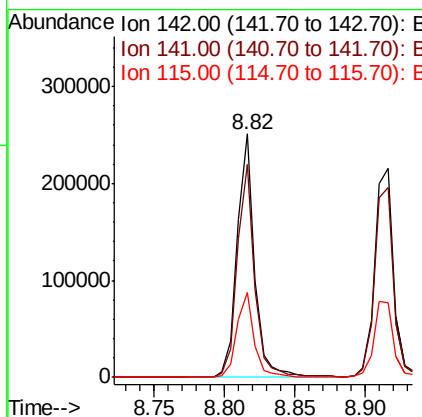
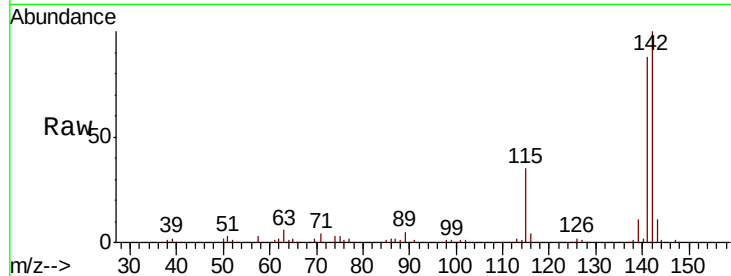




#37
2-Methylnaphthalene
Concen: 21.984 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

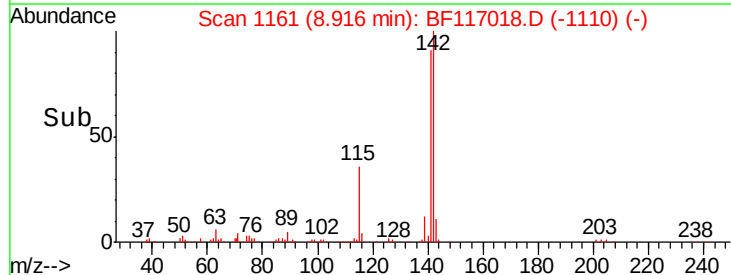
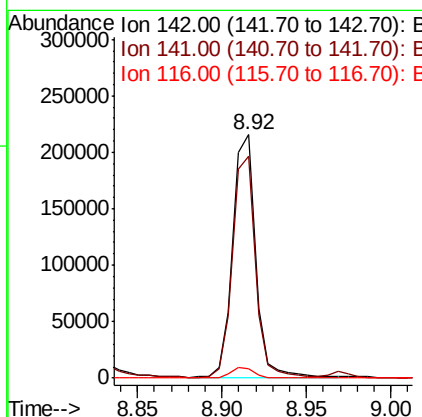
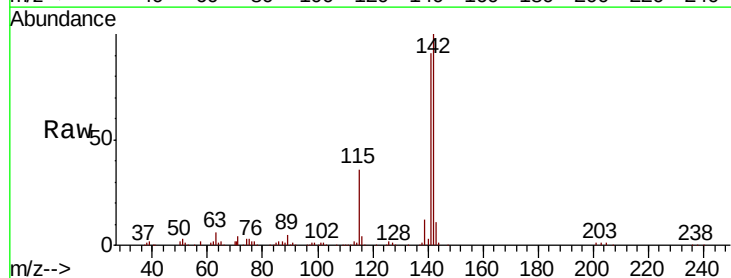
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

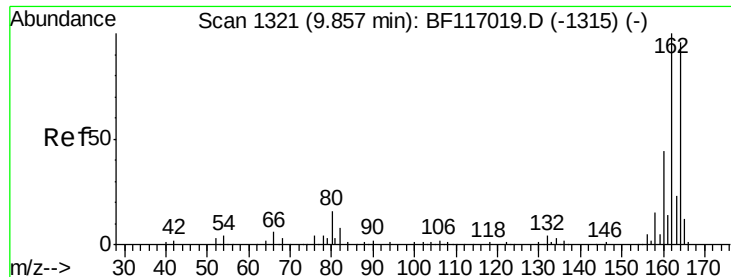
Tot Ion:142 Resp: 216620
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1
115 35.1 29.4 44.0



#38
1-Methylnaphthalene
Concen: 21.567 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:142 Resp: 200610
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9
116 3.6 3.2 4.8

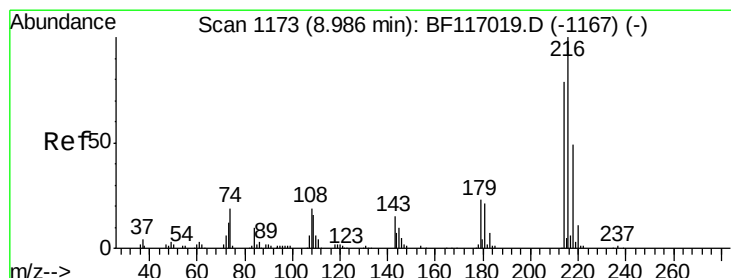
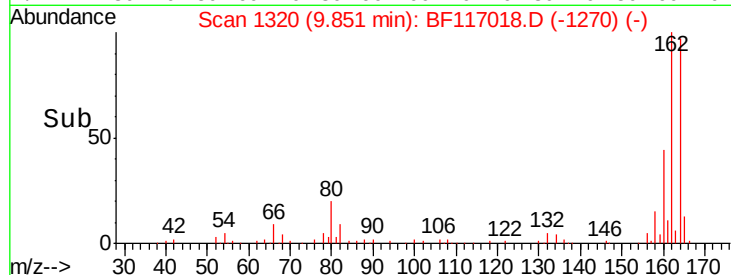
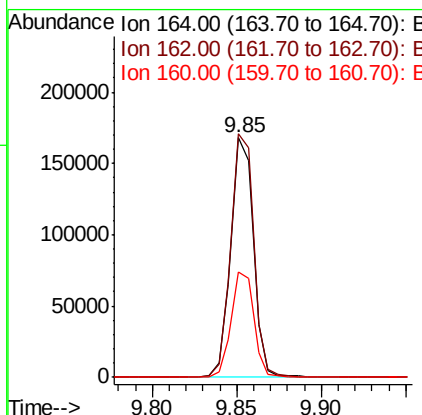
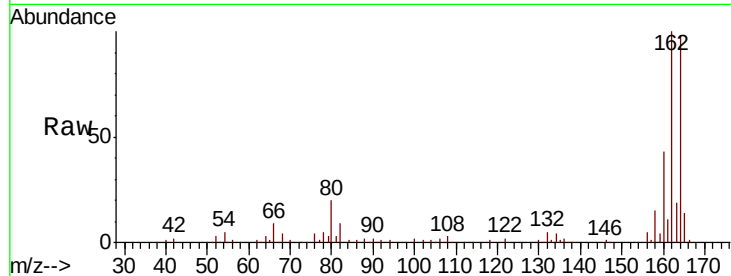




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

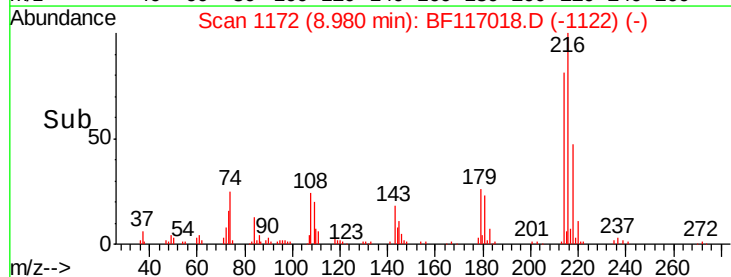
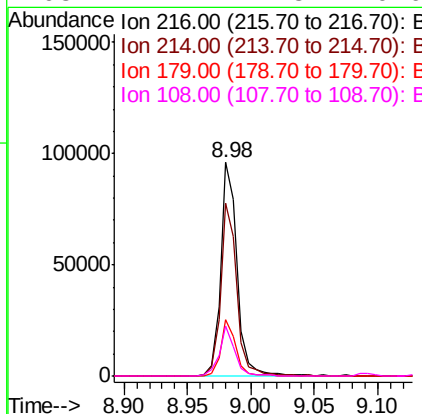
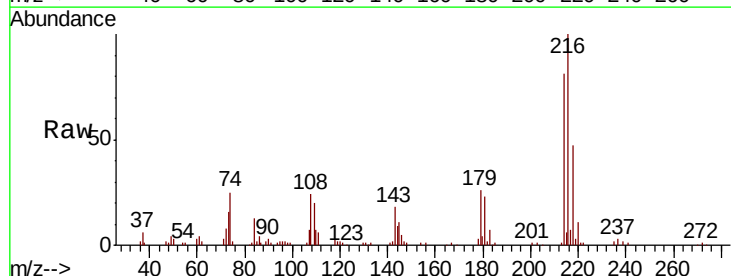
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

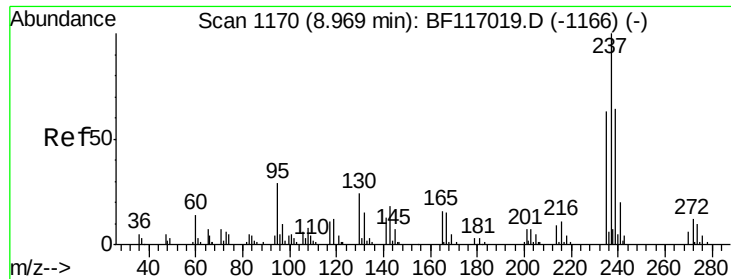
Tot Ion:164 Resp: 156327
Ion Ratio Lower Upper
164 100
162 101.8 83.4 125.2
160 44.2 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.347 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:216 Resp: 87493
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 24.1 18.3 27.5
108 22.2 17.8 26.6

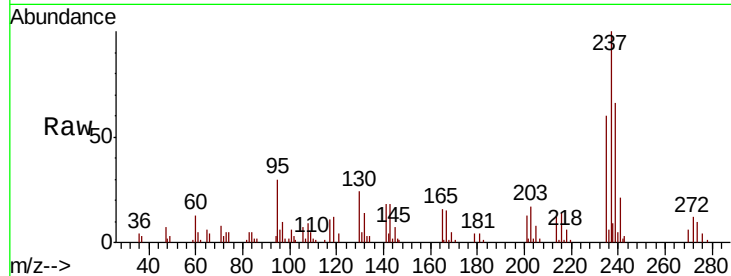




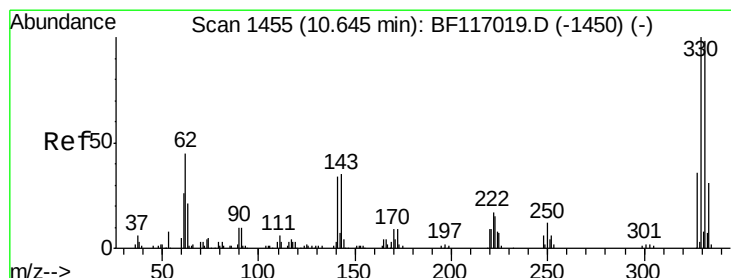
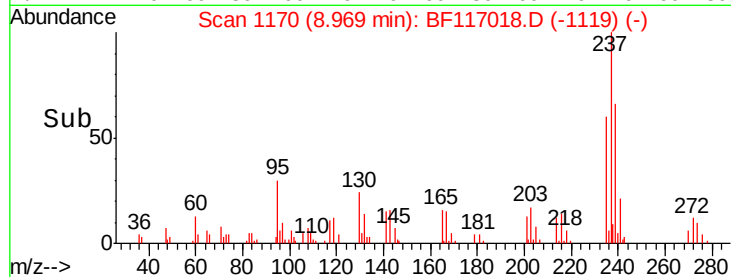
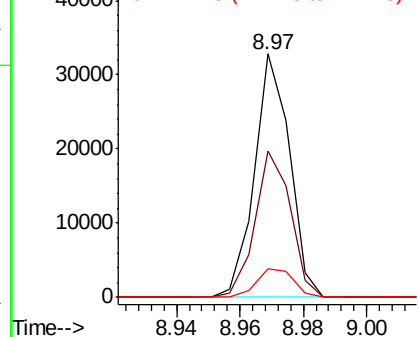
#41
Hexachlorocyclopentadiene
Concen: 11.622 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:237 Resp: 25150
Ion Ratio Lower Upper
237 100
235 60.1 43.2 83.2
272 11.9 0.0 31.9

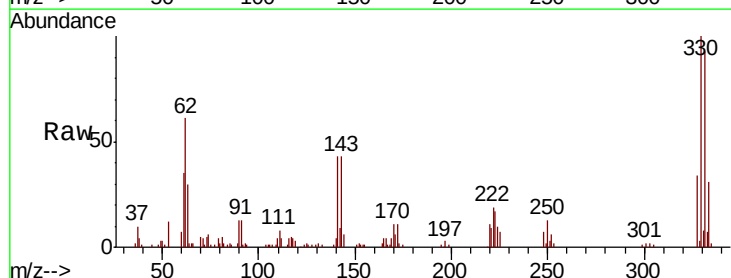


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

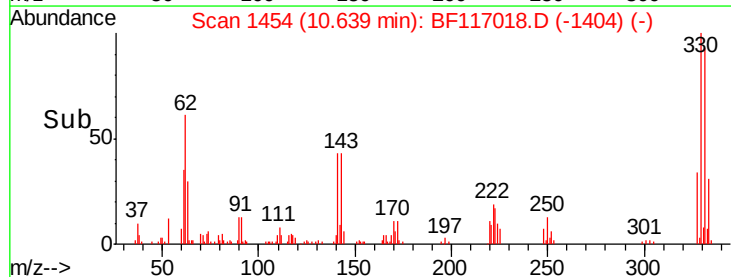
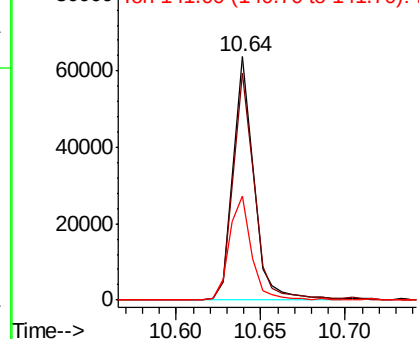


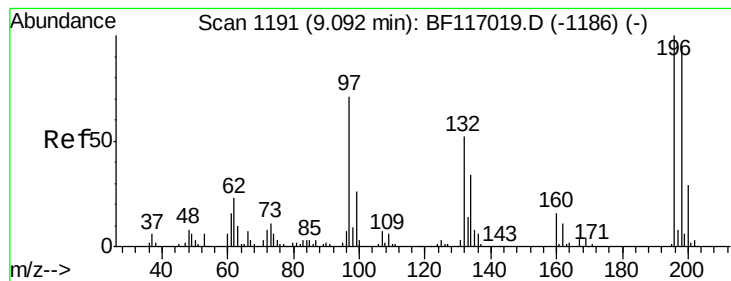
#42
2,4,6-Tribromophenol
Concen: 52.603 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:330 Resp: 54974
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 45.0 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: 22.430 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

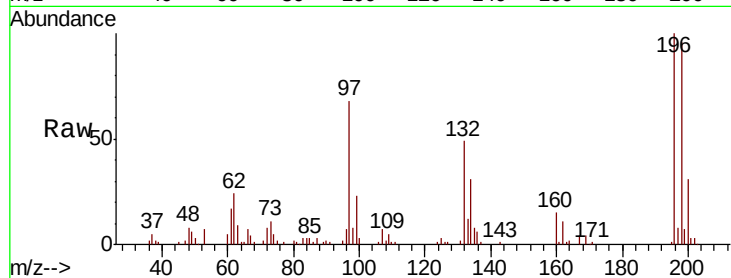
Tot Ion:196 Resp: 57619

Ion Ratio Lower Upper

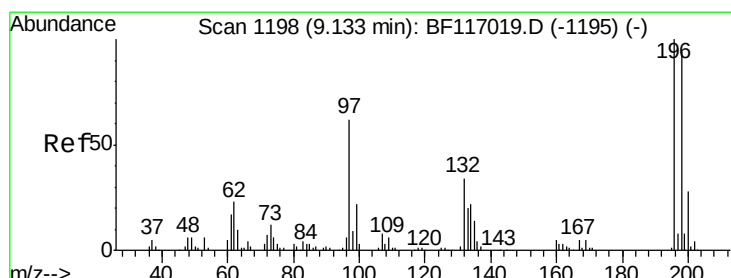
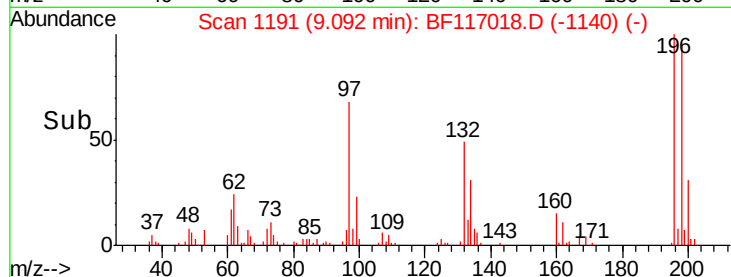
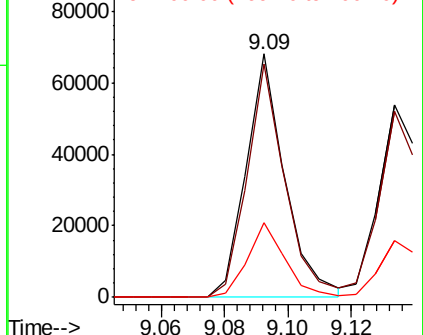
196 100

198 96.1 75.7 113.5

200 30.8 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: 23.672 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Tgt Ion:196 Resp: 63131

Ion Ratio Lower Upper

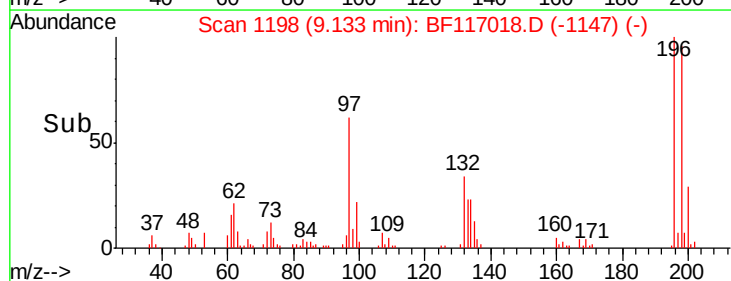
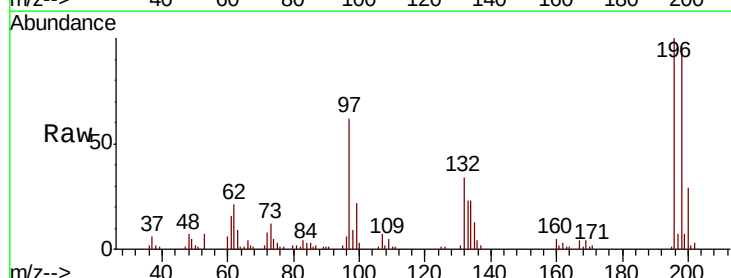
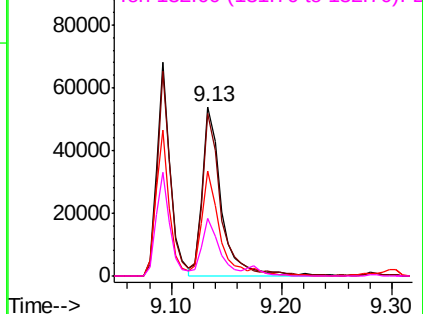
196 100

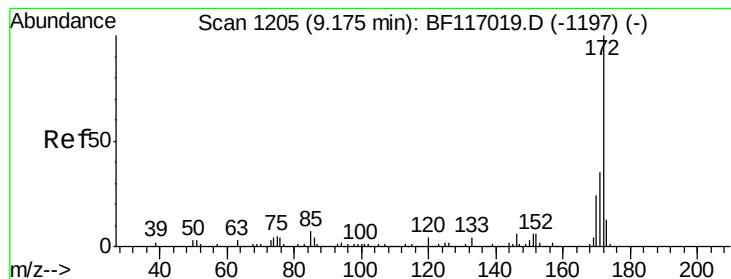
198 96.3 74.6 112.0

97 61.9 49.5 74.3

132 34.0 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: 47.674 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

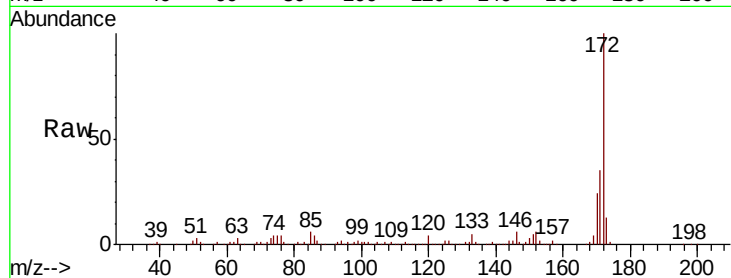
Tot Ion:172 Resp: 441804

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

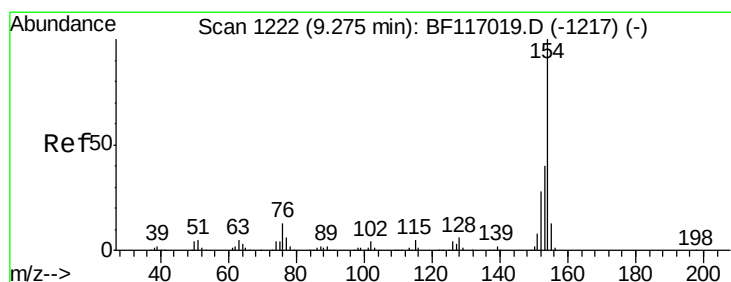
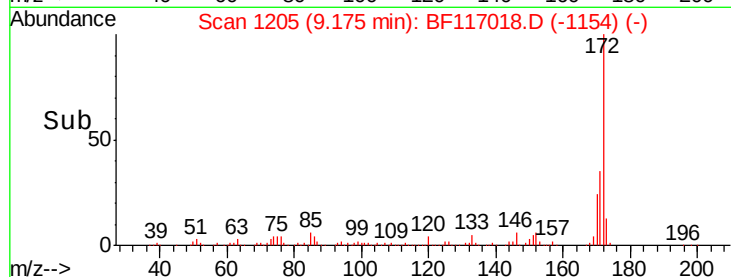
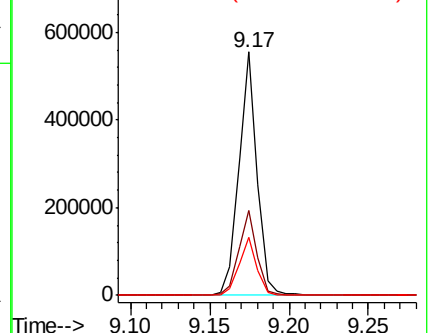
170 23.6 18.9 28.3



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: 22.463 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

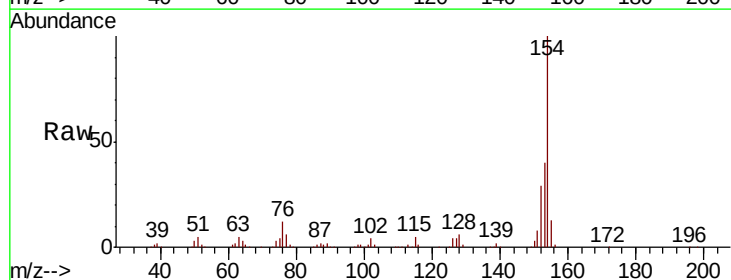
Tgt Ion:154 Resp: 266462

Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

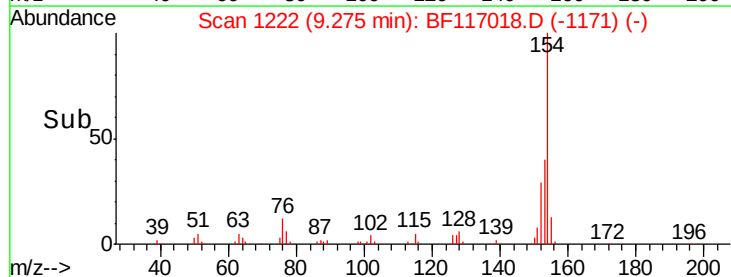
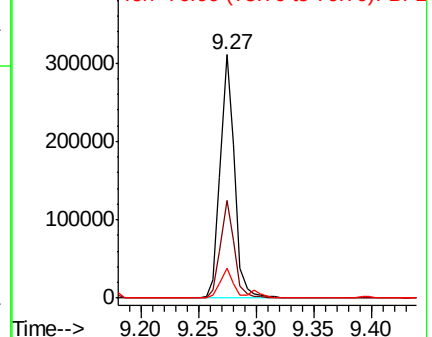
76 12.1 0.0 32.7

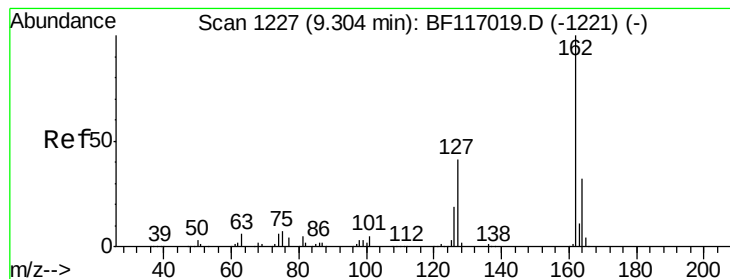


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

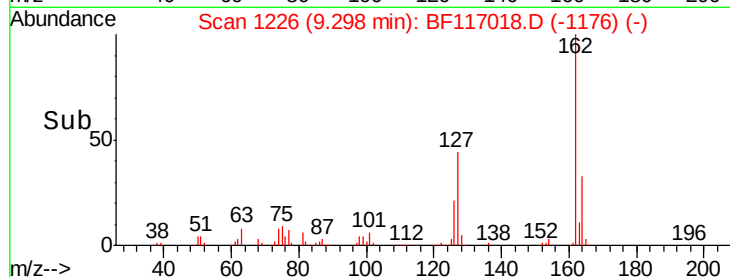
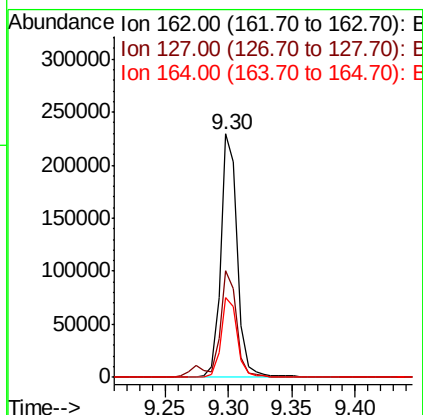
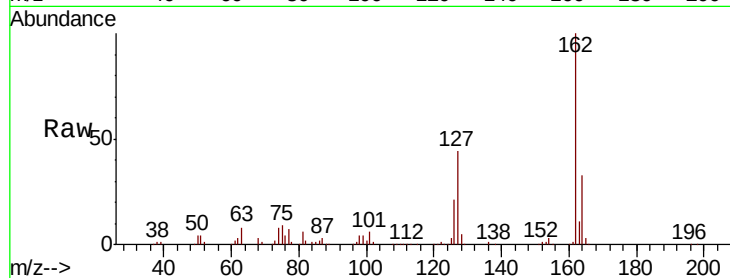




#47
 2-Chloronaphthalene
 Concen: 22.342 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

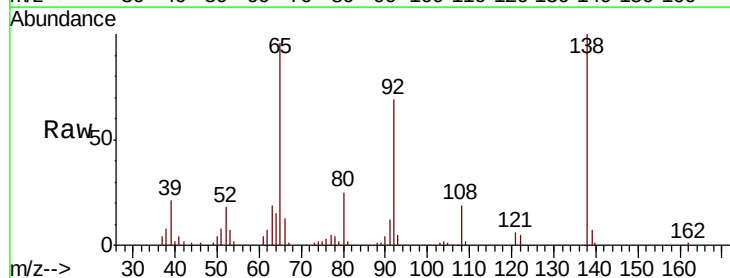
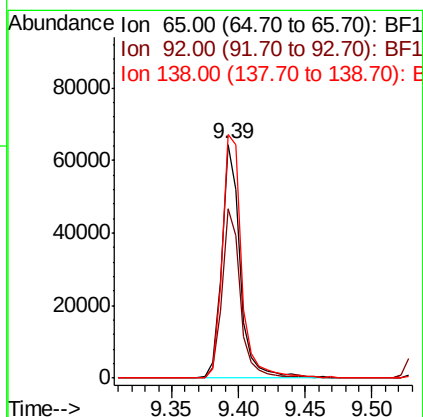
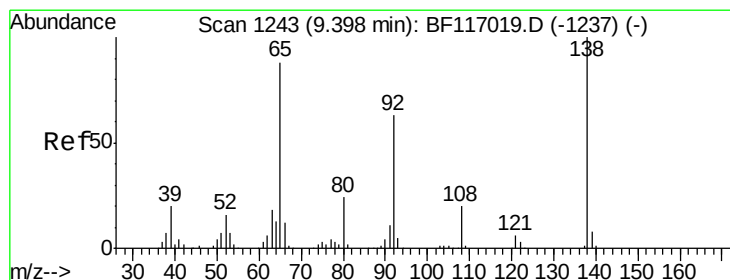
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

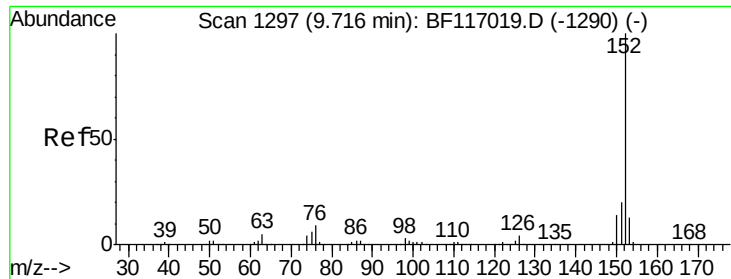
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.8	34.1	51.1
164	32.7	25.9	38.9



#48
 2-Nitroaniline
 Concen: 23.176 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.5	86.3
138	104.3	90.6	136.0





#49

Acenaphthylene

Concen: 22.178 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

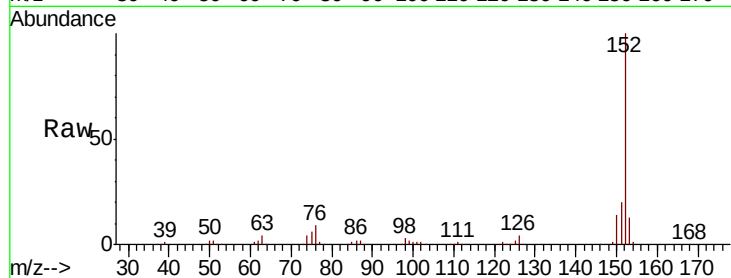
Tot Ion:152 Resp: 314979

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

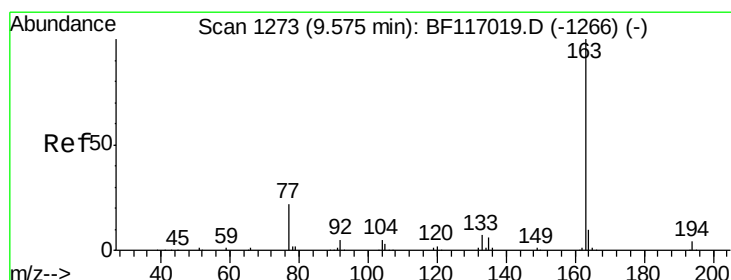
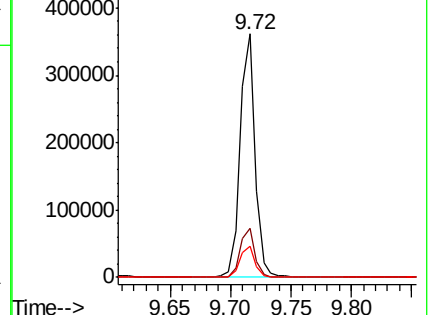
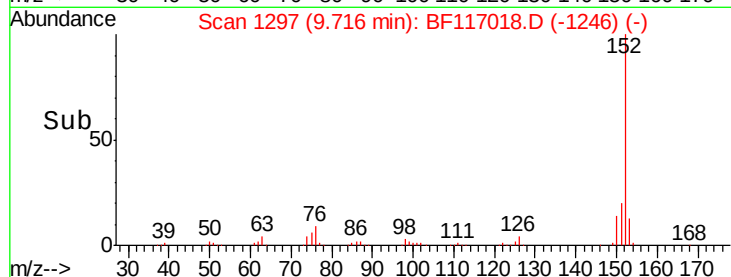
153 13.0 10.2 15.4



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: 21.388 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

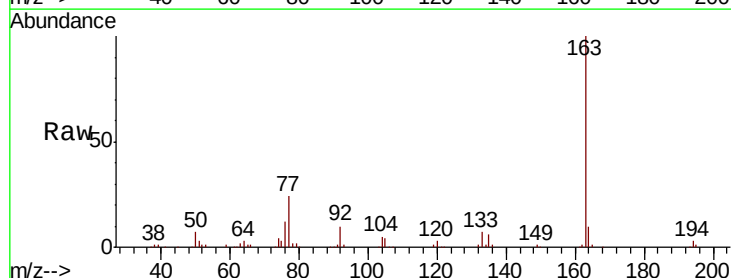
Tgt Ion:163 Resp: 230838

Ion Ratio Lower Upper

163 100

194 3.2 2.9 4.3

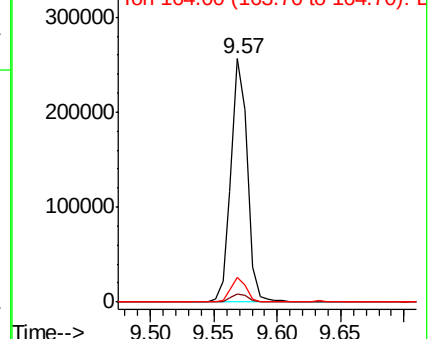
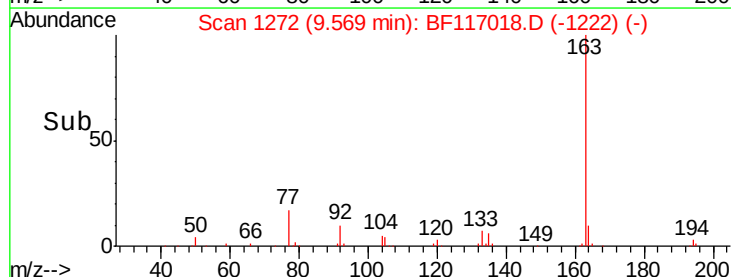
164 10.4 8.2 12.4

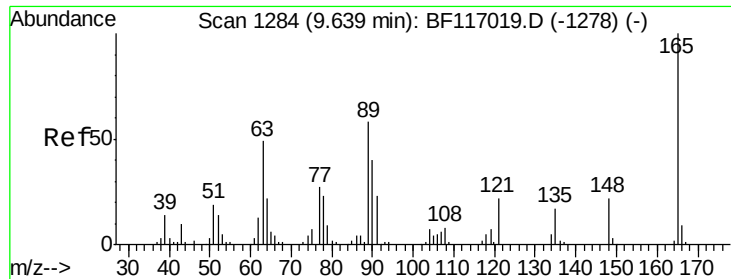


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

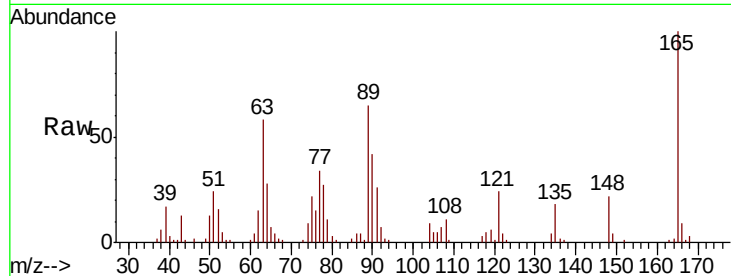




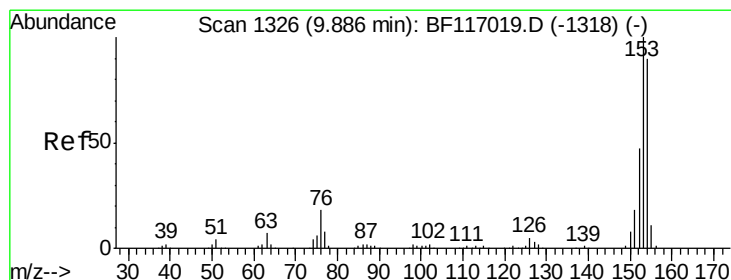
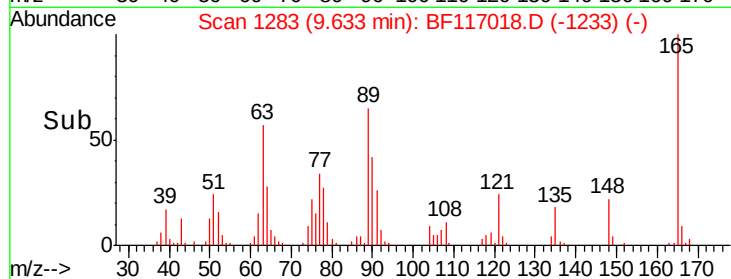
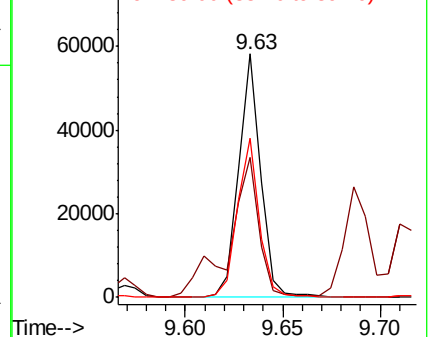
#51
 2,6-Dinitrotoluene
 Concen: 22.079 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:165 Resp: 45464
 Ion Ratio Lower Upper
 165 100
 63 57.6 41.8 62.8
 89 65.2 46.5 69.7

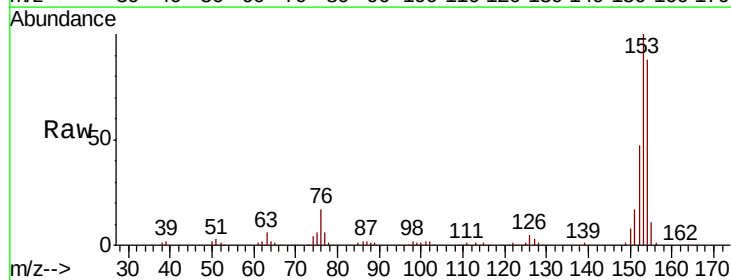


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

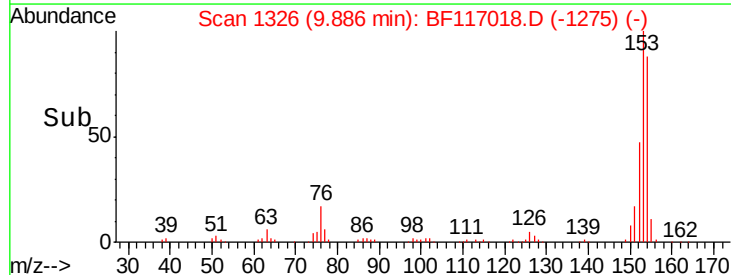
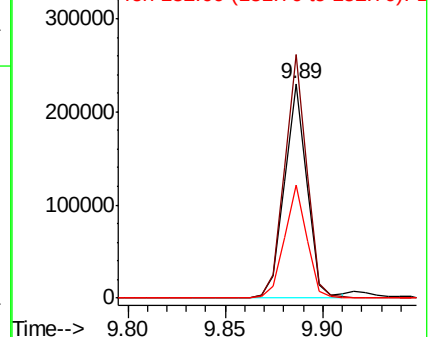


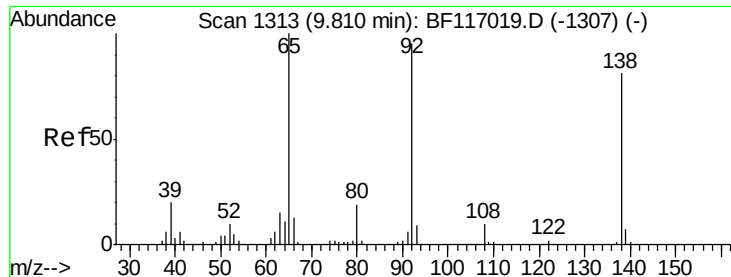
#52
 Acenaphthene
 Concen: 21.152 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion:154 Resp: 184585
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.0 133.6
 152 52.9 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

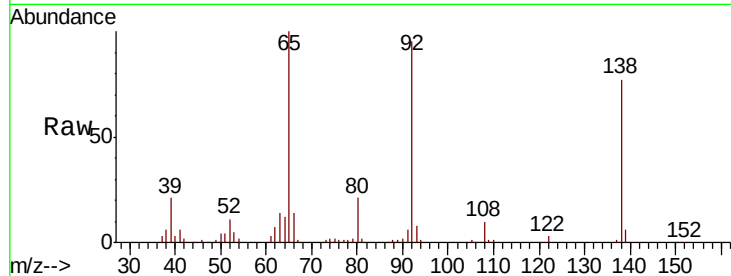




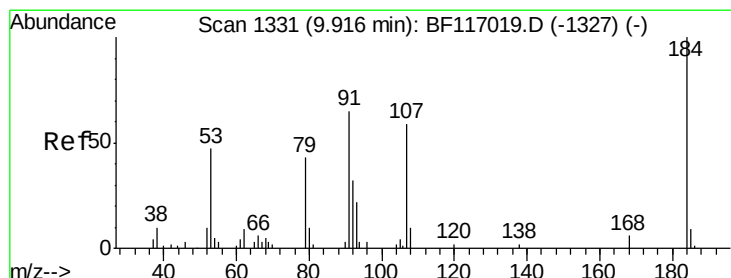
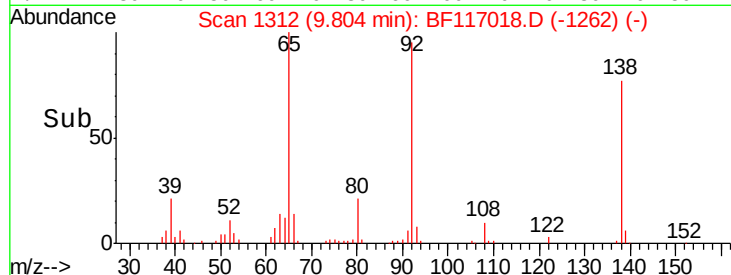
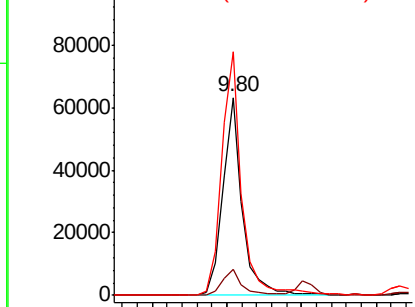
#53
 3-Nitroaniline
 Concen: 22.487 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:138 Resp: 58029
 Ion Ratio Lower Upper
 138 100
 108 13.2 9.5 14.3
 92 123.3 94.1 141.1

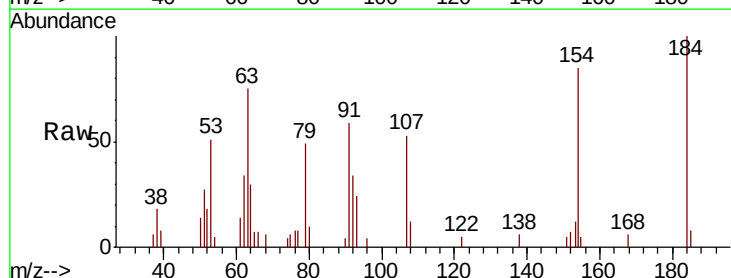


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

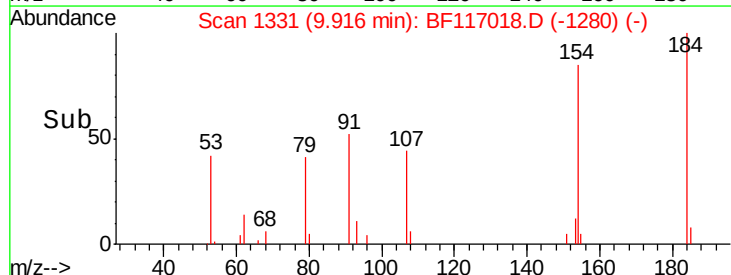
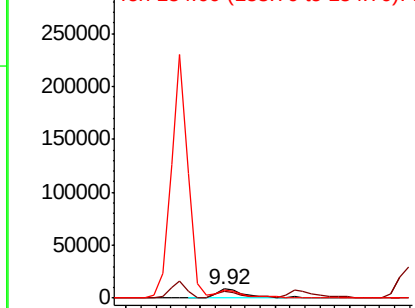


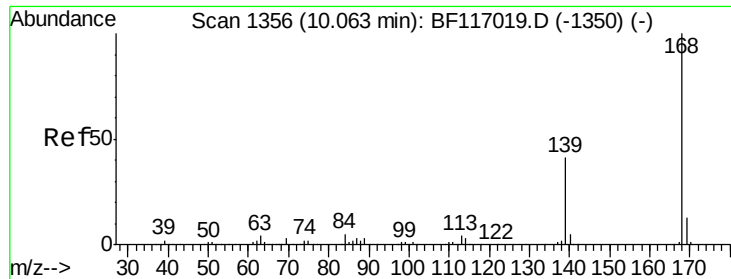
#54
 2,4-Dinitrophenol
 Concen: 19.598 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion:184 Resp: 11856
 Ion Ratio Lower Upper
 184 100
 63 75.4 63.8 95.6
 154 84.7 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: 22.427 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

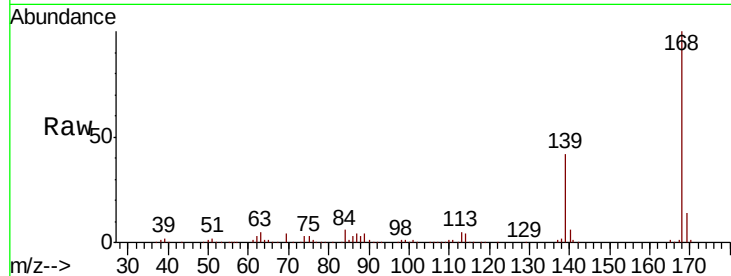
Tot Ion:168 Resp: 275896

Ion Ratio Lower Upper

168 100

139 42.3 32.8 49.2

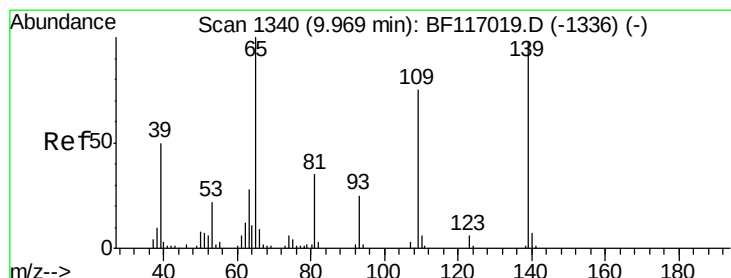
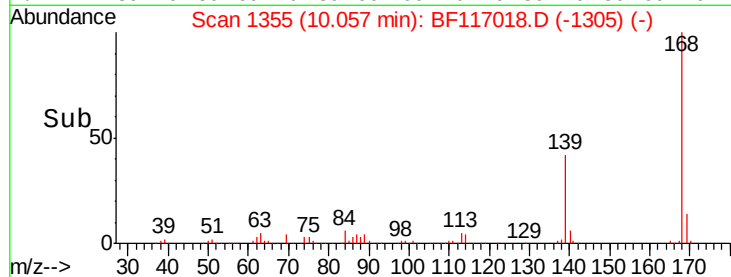
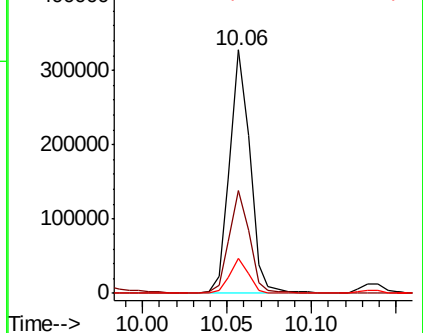
169 14.4 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 19.906 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

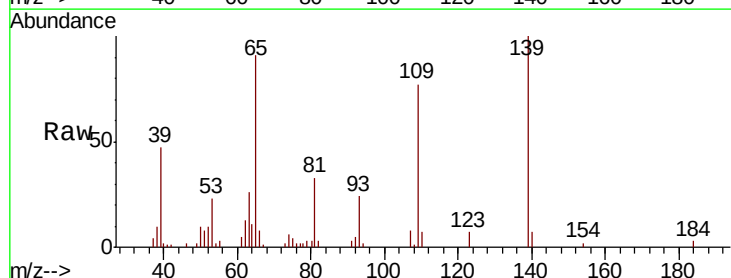
Tgt Ion:139 Resp: 35222

Ion Ratio Lower Upper

139 100

109 77.5 56.4 96.4

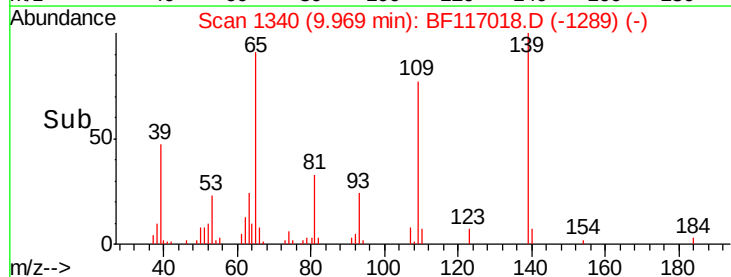
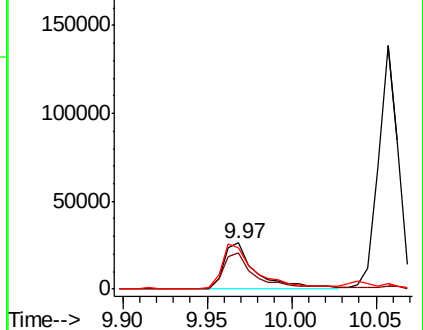
65 90.6 82.5 122.5

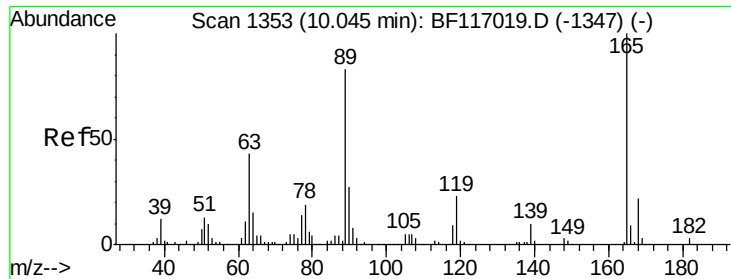


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 23.124 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:165 Resp: 58224

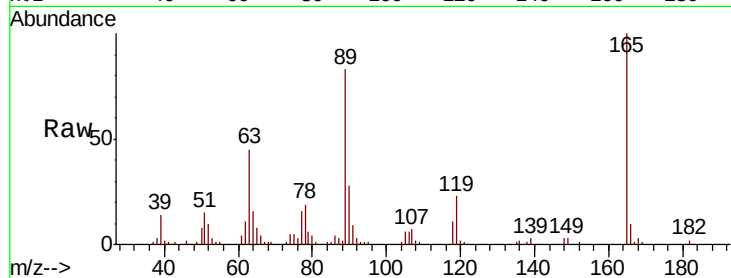
Ion Ratio Lower Upper

165 100

63 45.0 35.0 52.4

89 83.5 66.1 99.1

182 2.2 2.0 3.0

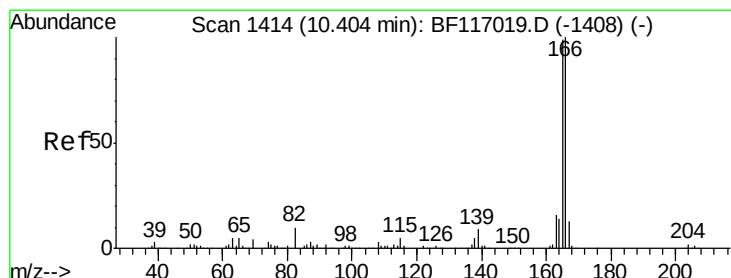
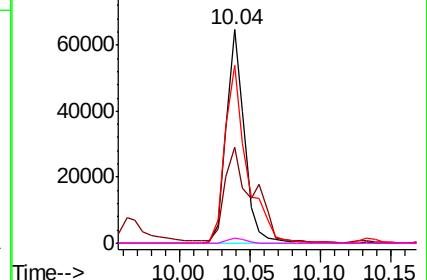
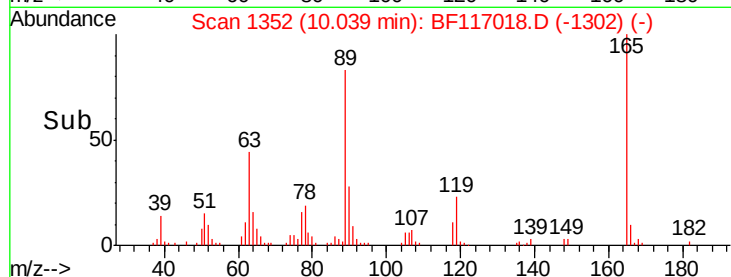


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 23.763 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

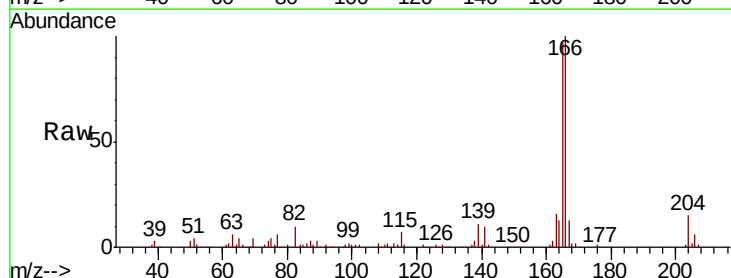
Tgt Ion:166 Resp: 222742

Ion Ratio Lower Upper

166 100

165 96.9 78.9 118.3

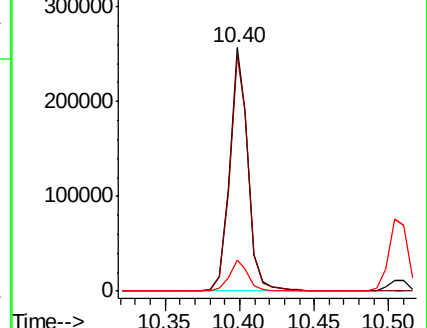
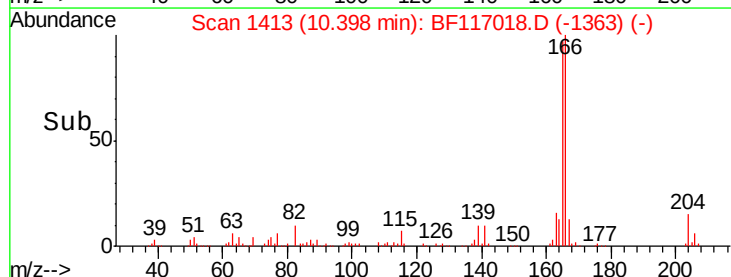
167 12.9 10.6 15.8

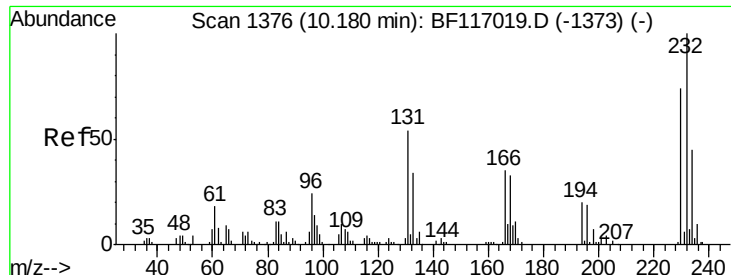


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

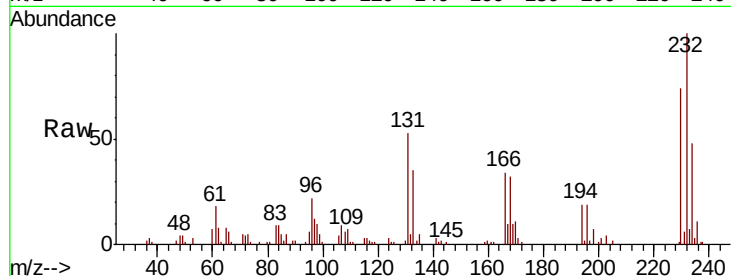




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.460 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
232	100		
131	60.3	45.3	67.9
130	2.4	1.8	2.8
166	37.7	29.4	44.2



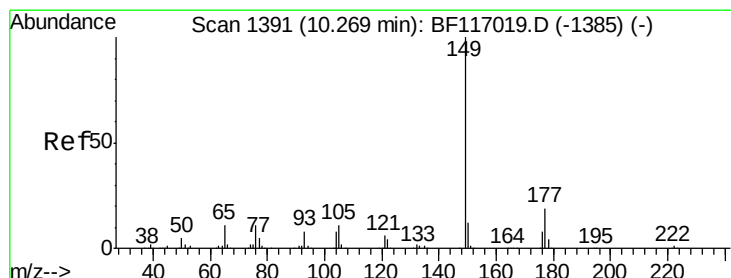
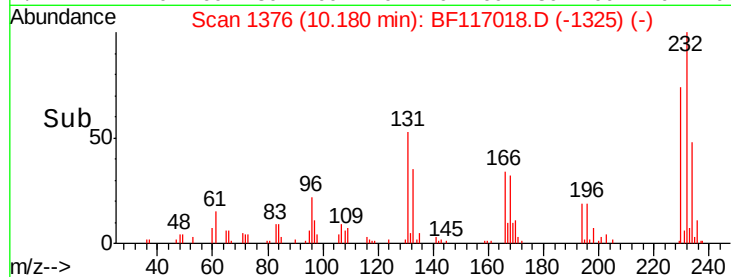
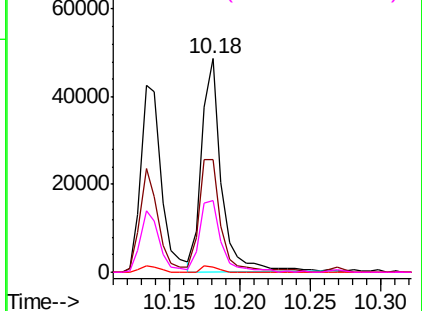
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

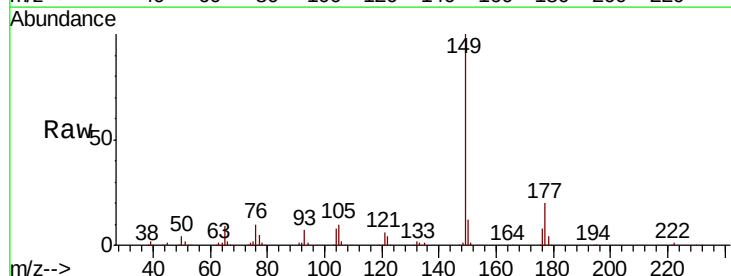
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 21.605 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	15.2	22.8
150	12.0	9.9	14.9

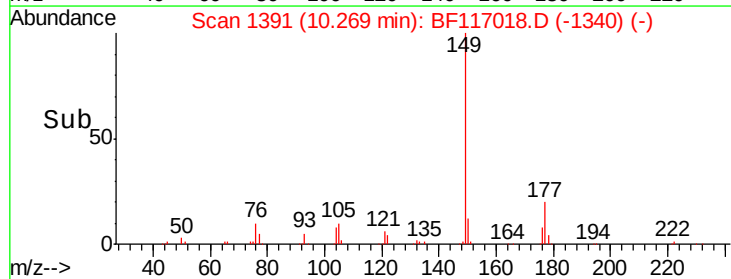
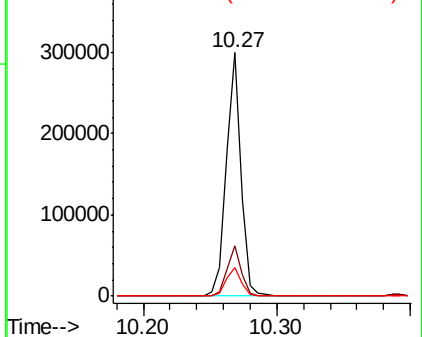


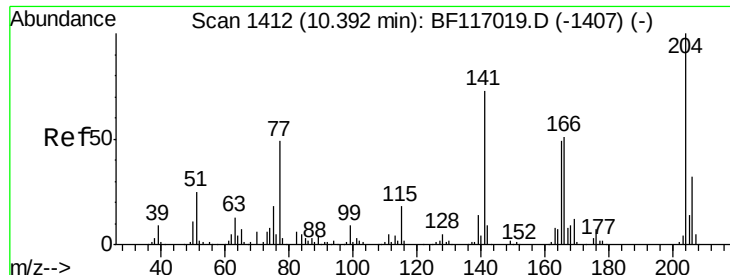
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

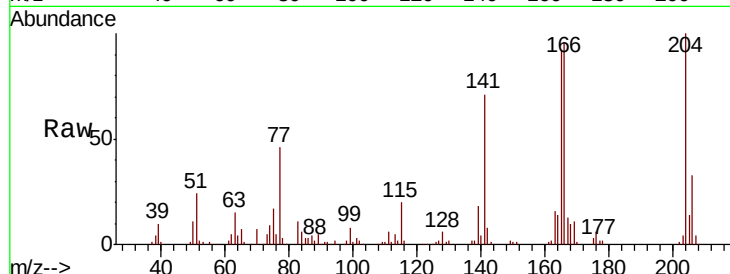




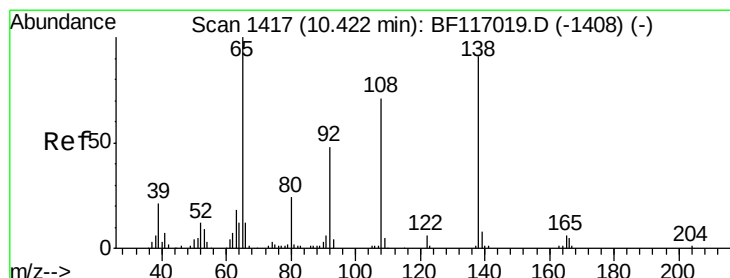
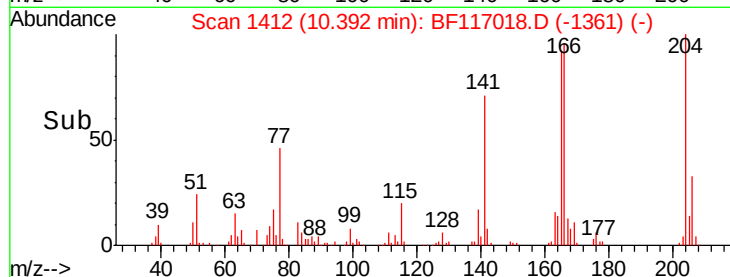
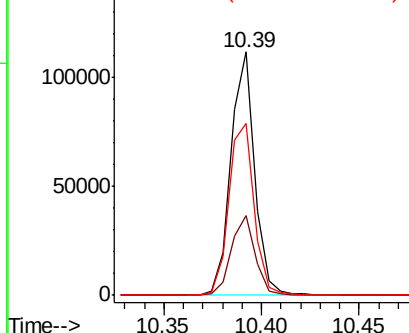
#61
4-Chlorophenyl-phenylether
Concen: 23.009 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:204 Resp: 94444
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 70.8 58.2 87.2

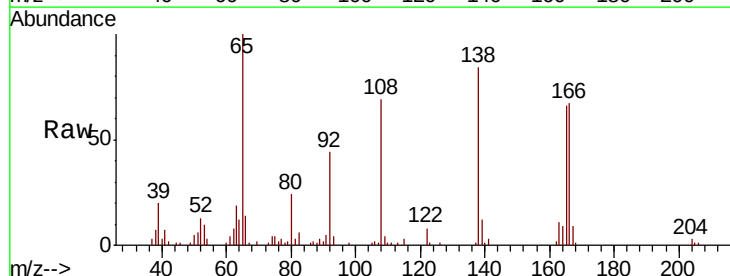


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

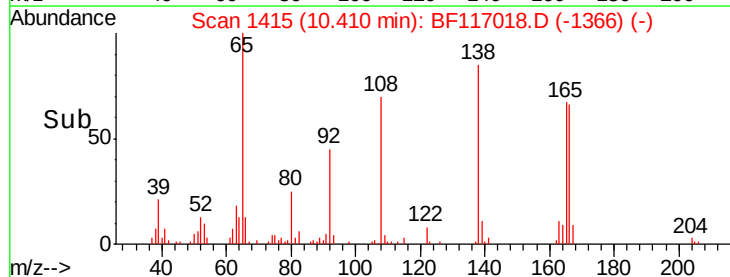
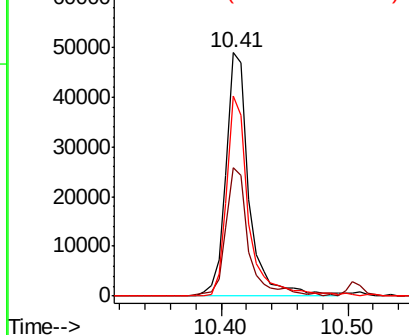


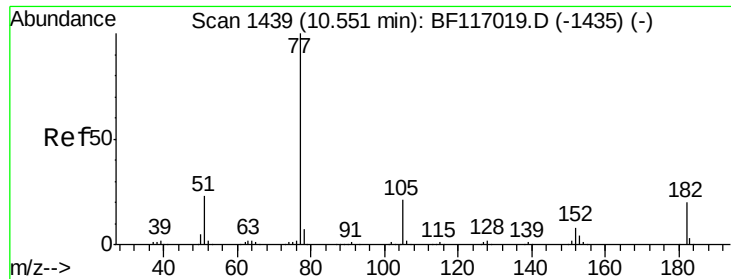
#62
4-Nitroaniline
Concen: 24.702 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:138 Resp: 61862
Ion Ratio Lower Upper
138 100
92 52.8 32.9 72.9
108 82.3 58.3 98.3



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





#63

Azobenzene

Concen: 21.289 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 77 Resp: 239993

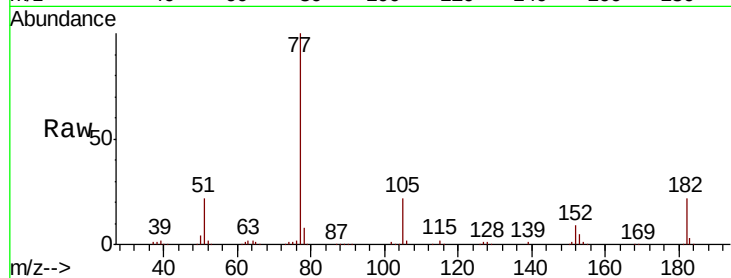
Ion Ratio Lower Upper

77 100

182 21.7 0.4 40.4

105 22.1 0.9 40.9

51 22.5 2.8 42.8

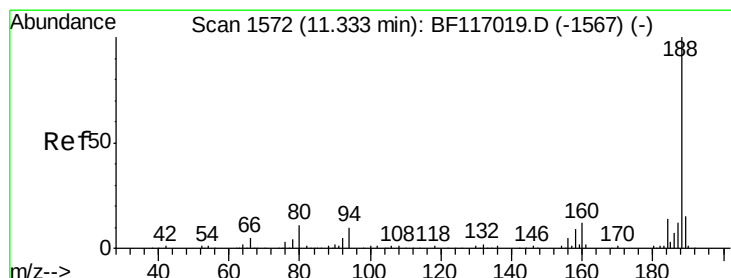
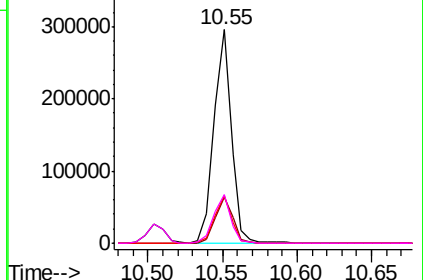
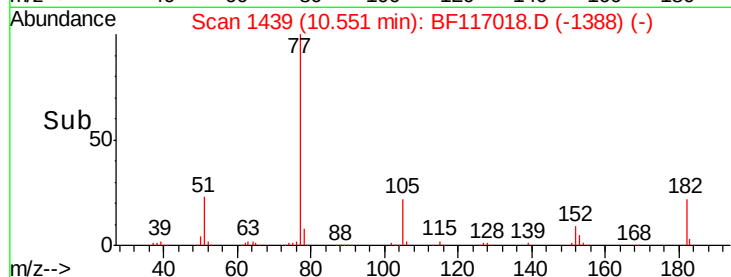


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

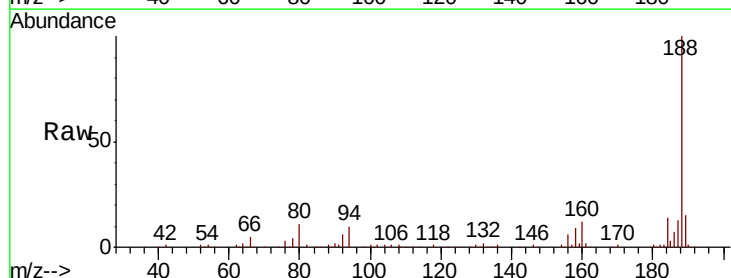
Tgt Ion: 188 Resp: 258732

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

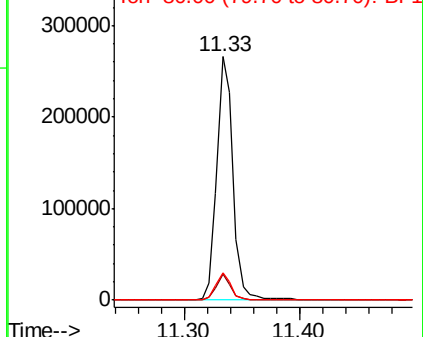
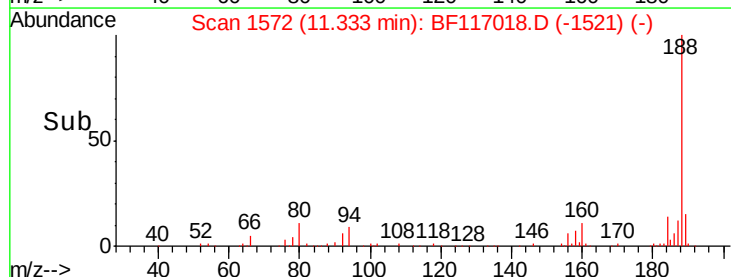
80 11.4 9.0 13.6

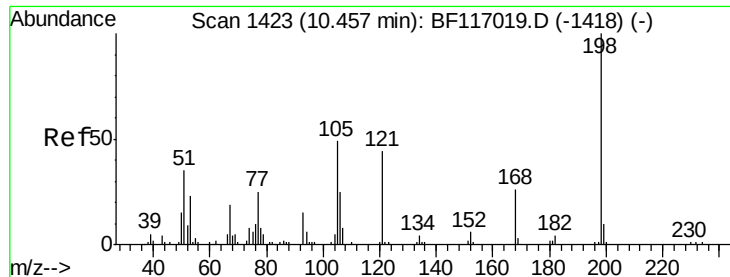


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

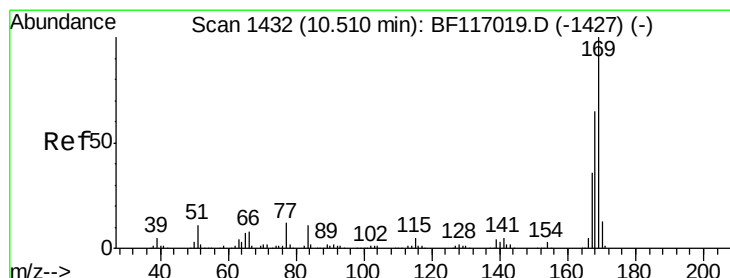
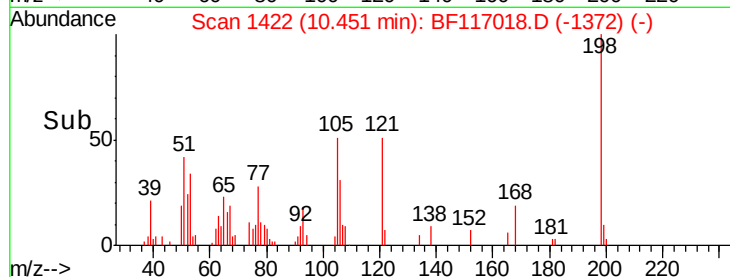
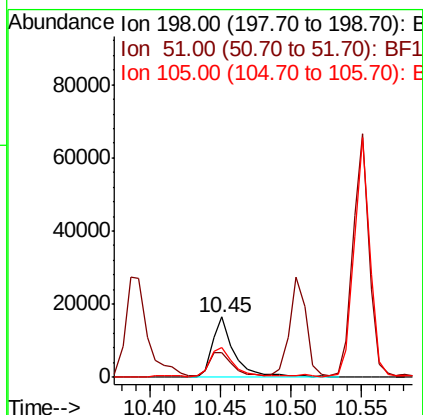
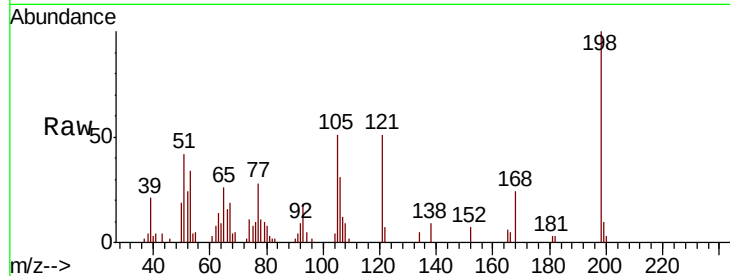




#65
4,6-Dinitro-2-methylphenol
Concen: 20.480 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

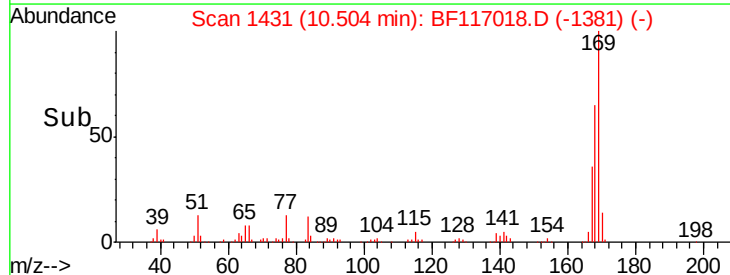
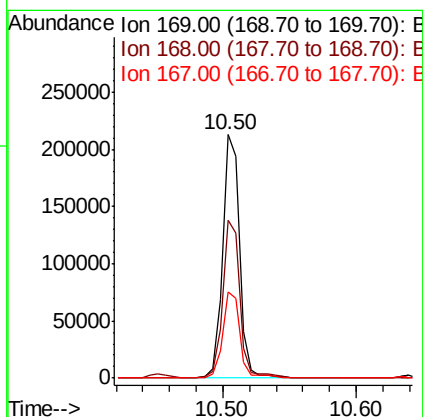
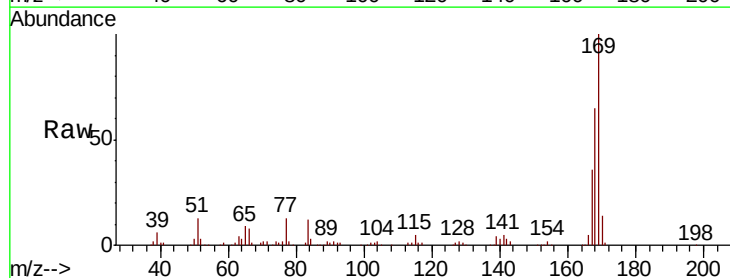
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

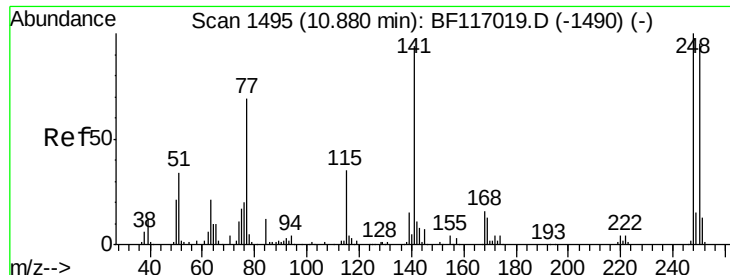
Tot Ion:198 Resp: 17895
Ion Ratio Lower Upper
198 100
51 42.1 18.7 58.7
105 50.5 30.2 70.2



#66
n-Nitrosodiphenylamine
Concen: 21.384 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:169 Resp: 191399
Ion Ratio Lower Upper
169 100
168 64.9 52.2 78.2
167 35.5 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 21.227 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

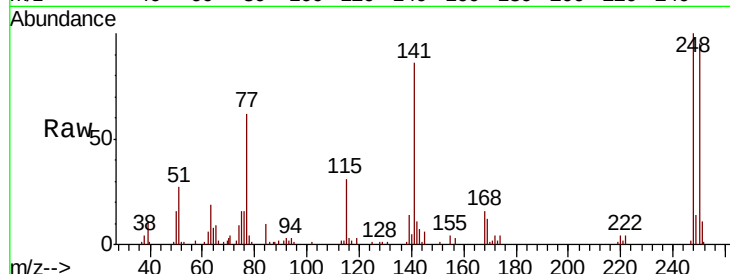
Tot Ion:248 Resp: 55793

Ion Ratio Lower Upper

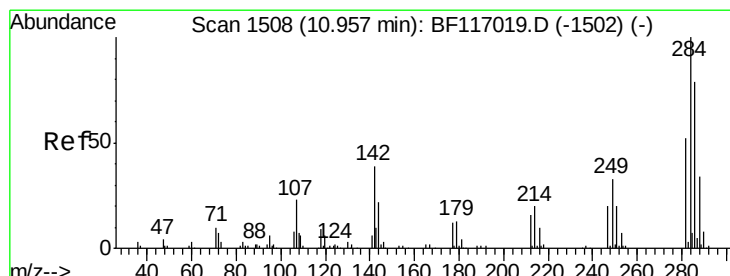
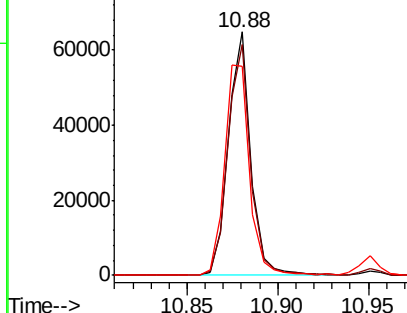
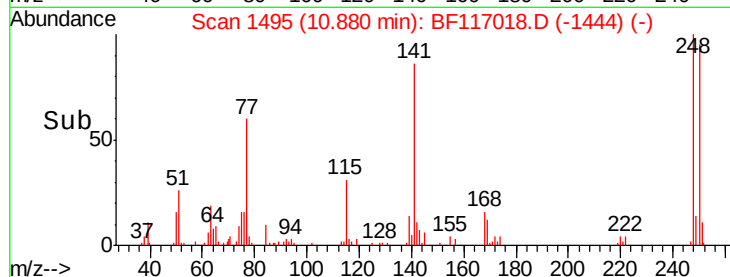
248 100

250 94.8 76.2 114.4

141 85.9 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: 22.140 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

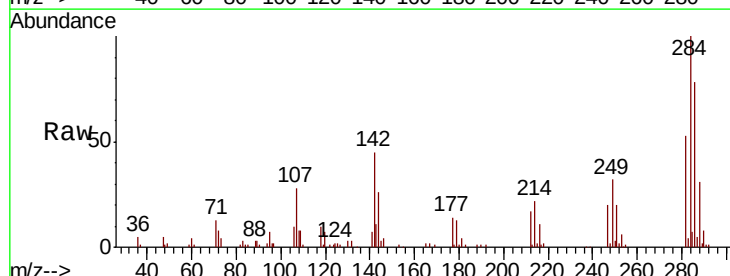
Tgt Ion:284 Resp: 60884

Ion Ratio Lower Upper

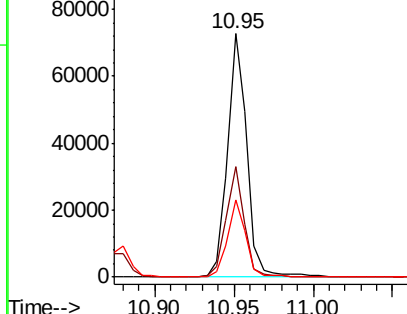
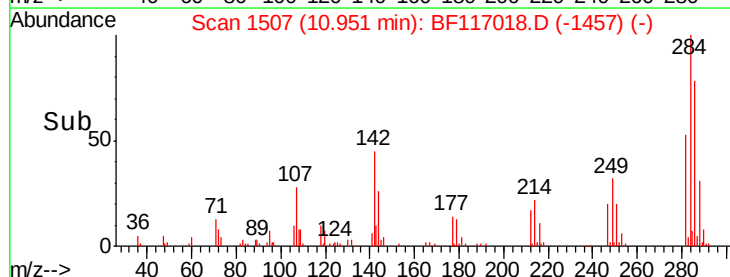
284 100

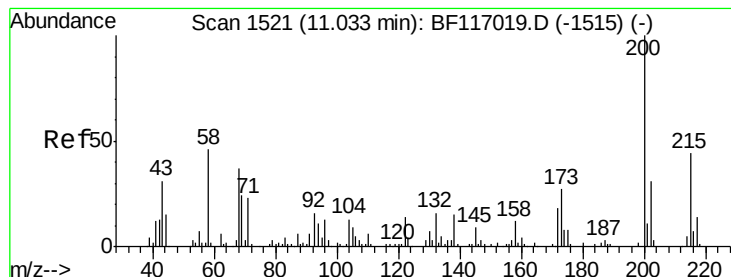
142 45.2 31.4 47.2

249 31.5 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: 20.911 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

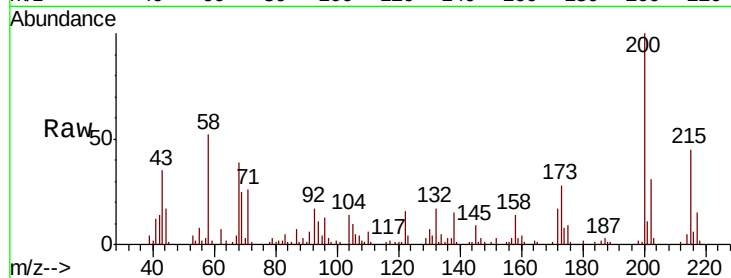
Tot Ion:200 Resp: 52420

Ion Ratio Lower Upper

200 100

173 27.6 6.9 46.9

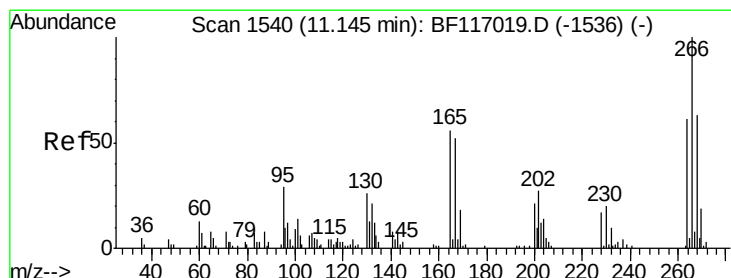
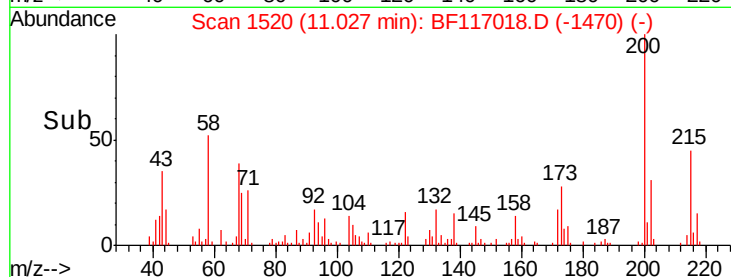
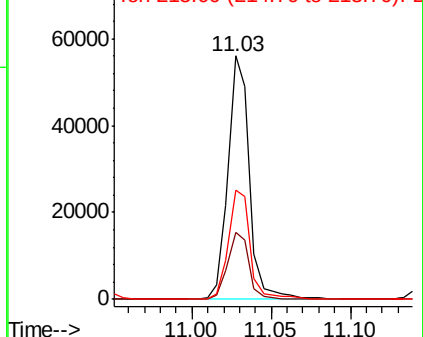
215 45.1 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 19.502 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

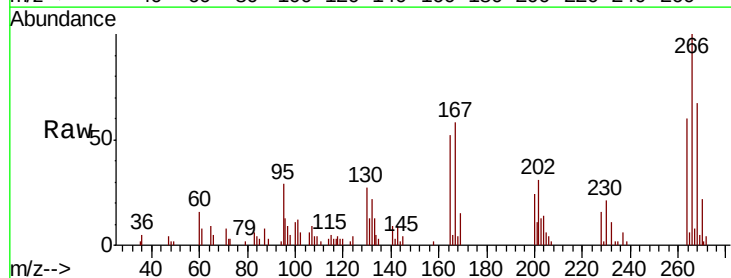
Tgt Ion:266 Resp: 25943

Ion Ratio Lower Upper

266 100

268 66.8 50.5 75.7

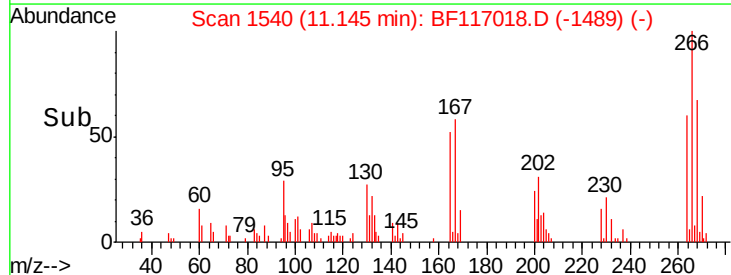
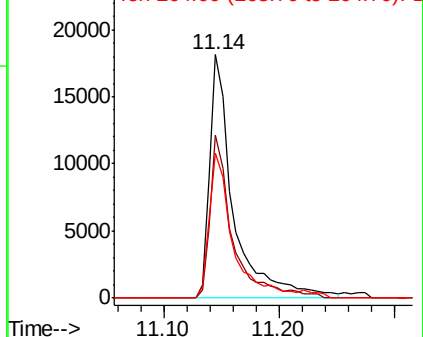
264 59.8 48.8 73.2

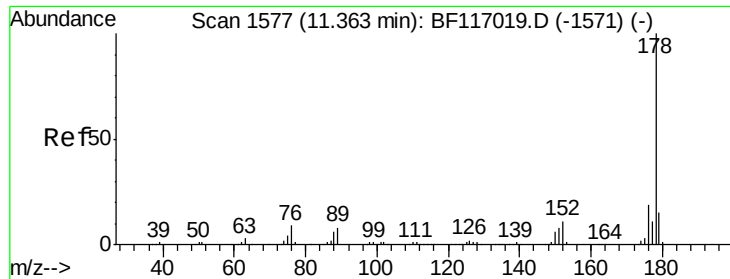


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

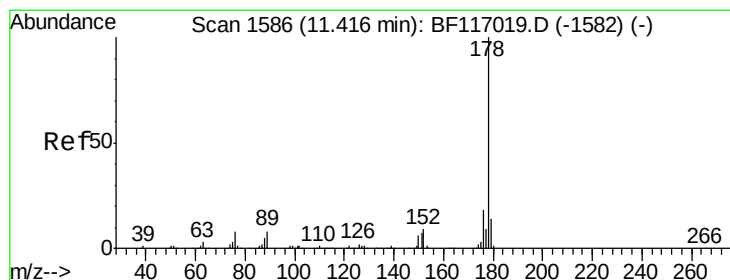
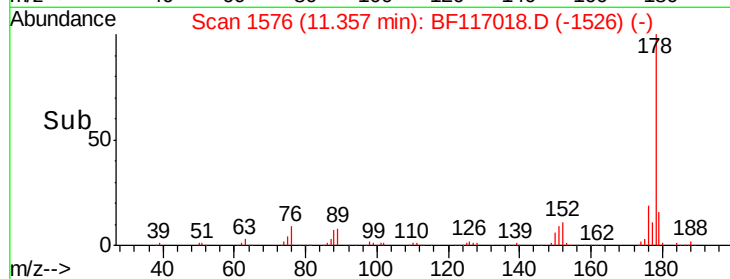
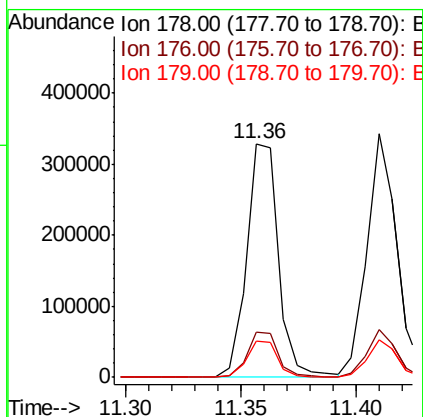
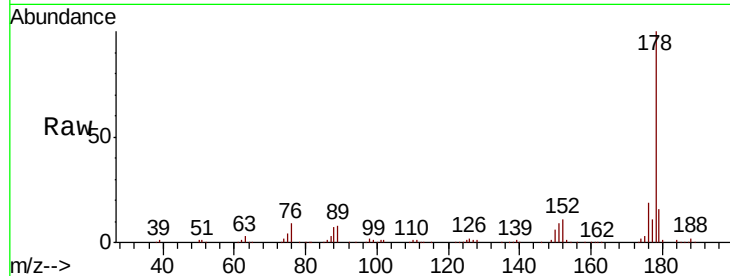




#71
Phenanthrene
Concen: 22.030 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

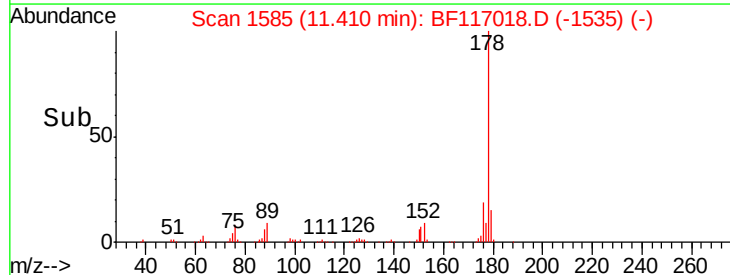
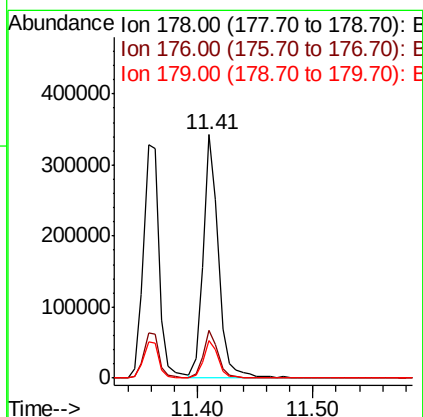
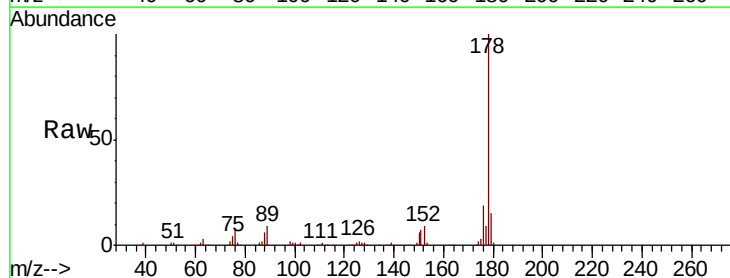
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

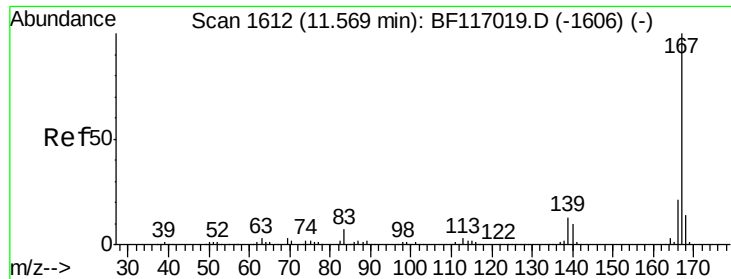
Tot Ion:178 Resp: 317285
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.4 18.6



#72
Anthracene
Concen: 22.075 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:178 Resp: 320046
Ion Ratio Lower Upper
178 100
176 19.4 14.6 21.8
179 15.4 11.6 17.4

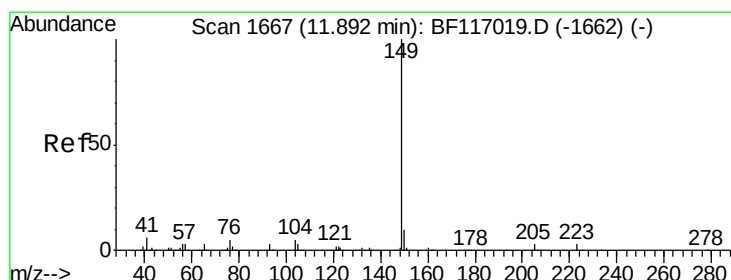
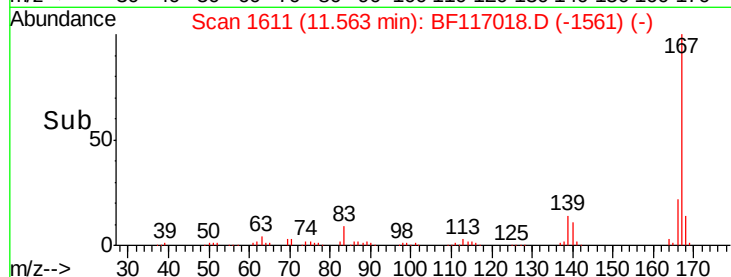
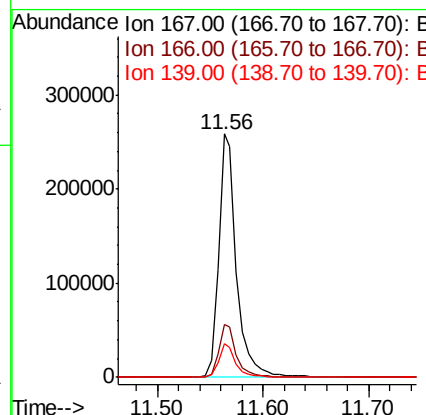
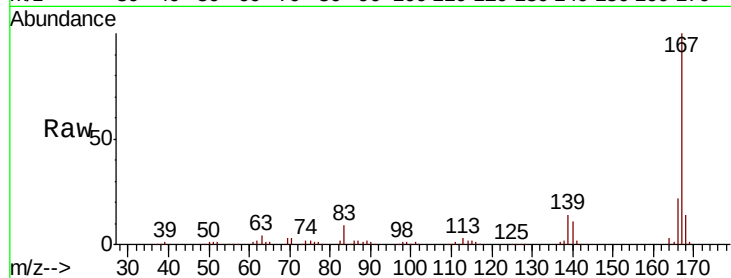




#73
 Carbazole
 Concen: 22.223 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

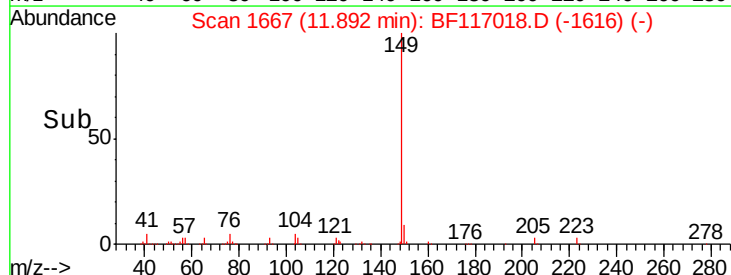
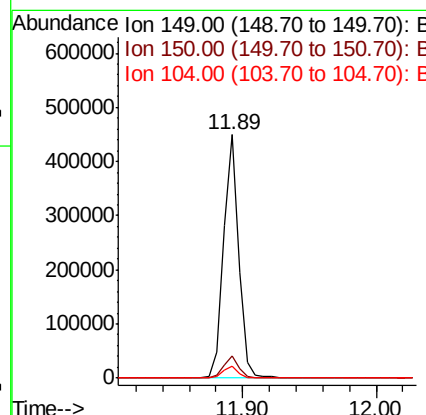
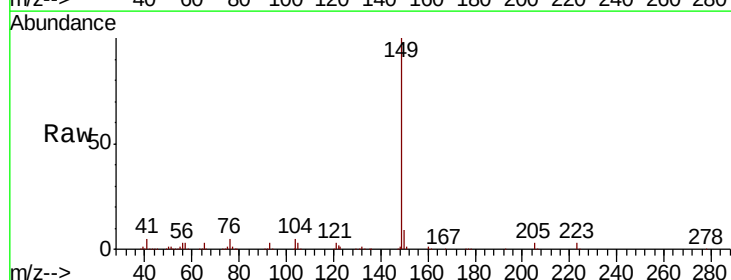
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

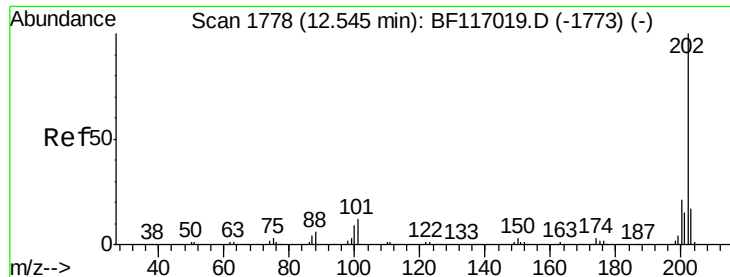
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.9	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 20.430 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.9	4.2	6.4

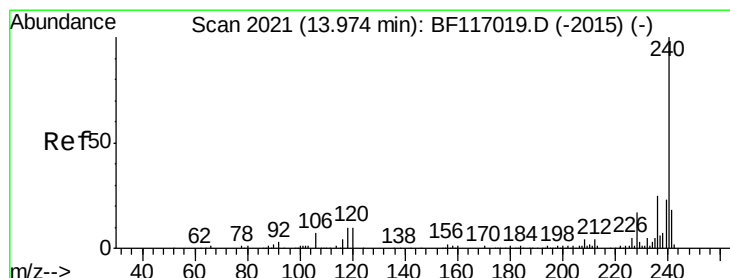
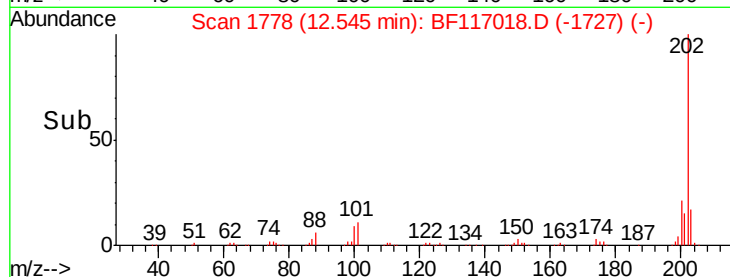
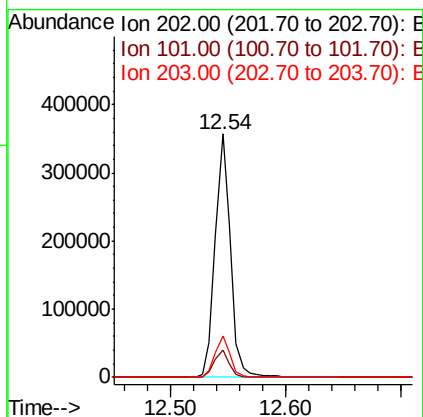
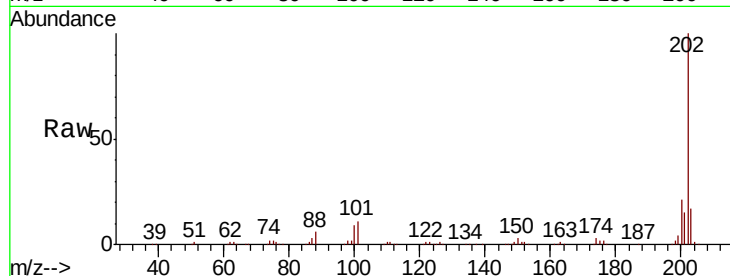




#75
 Fluoranthene
 Concen: 23.193 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

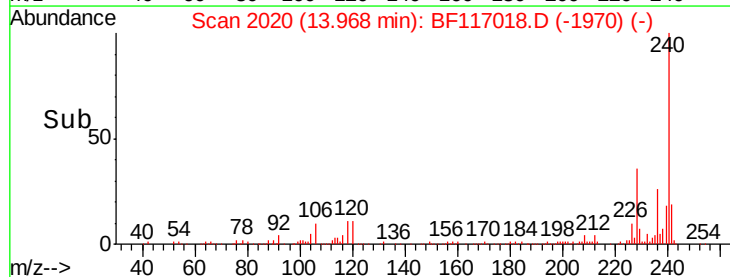
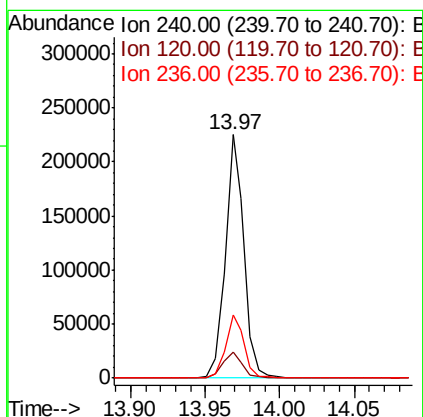
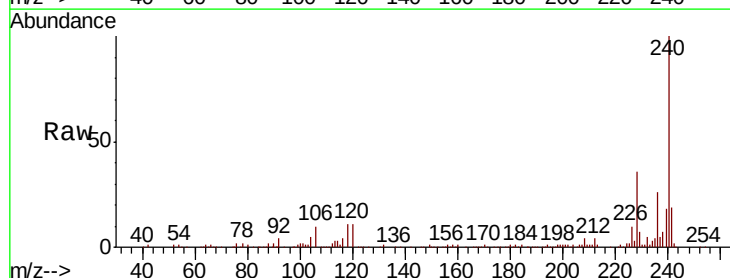
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

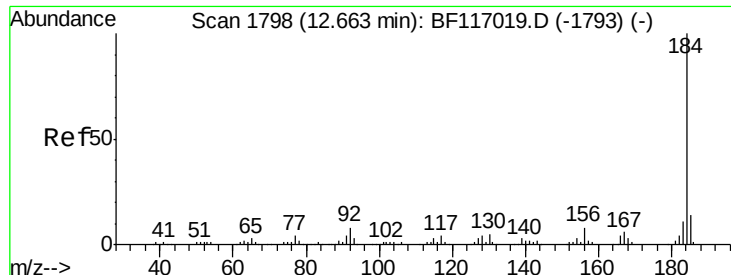
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
203	17.2	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.8	20.3	30.5

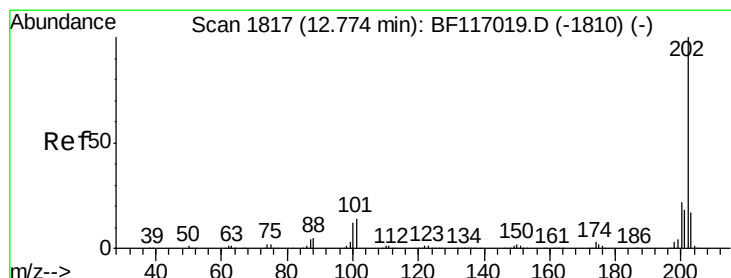
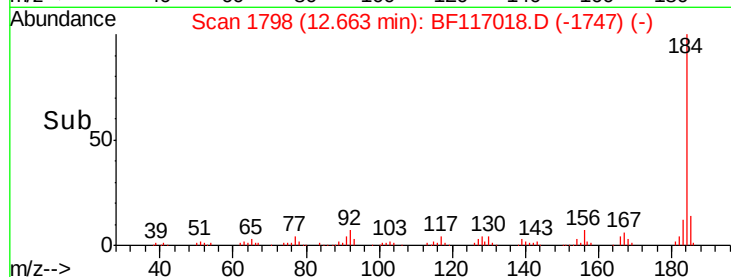
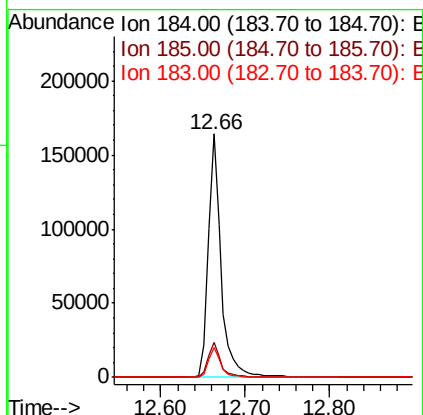
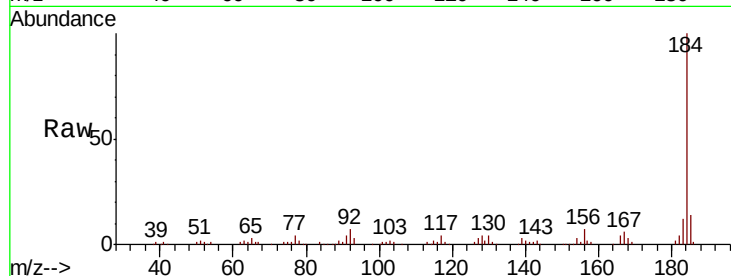




#77
Benzidine
Concen: 22.537 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

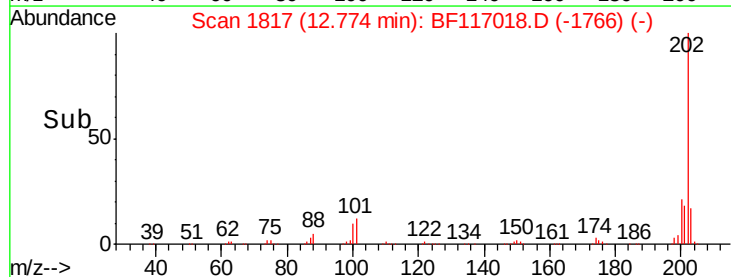
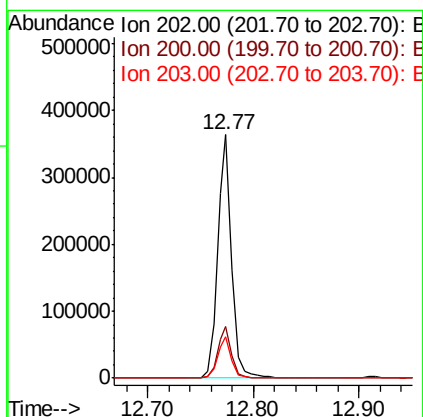
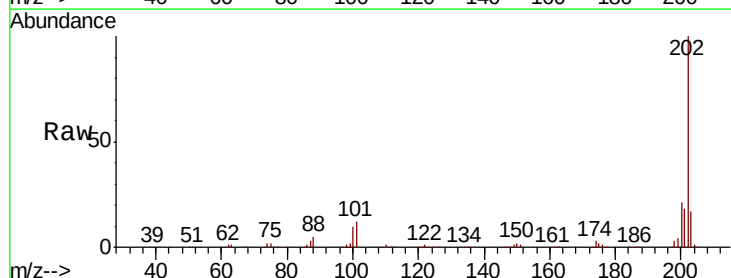
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

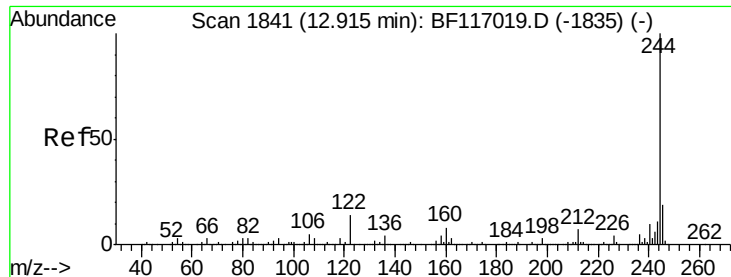
Tot Ion:184 Resp: 175264
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 12.2 9.0 13.4



#78
Pyrene
Concen: 19.102 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:202 Resp: 336672
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 16.9 14.0 21.0

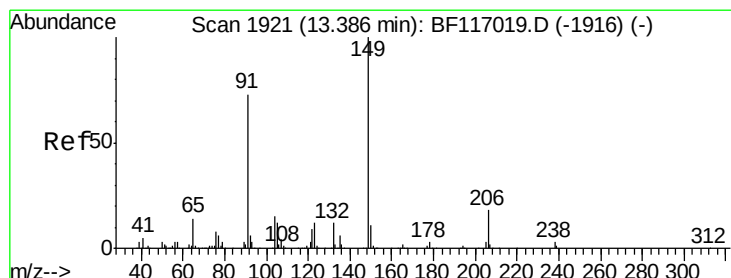
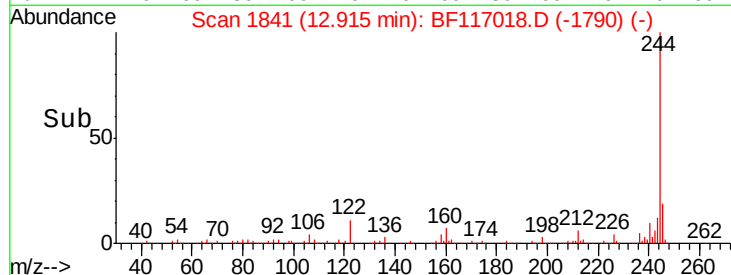
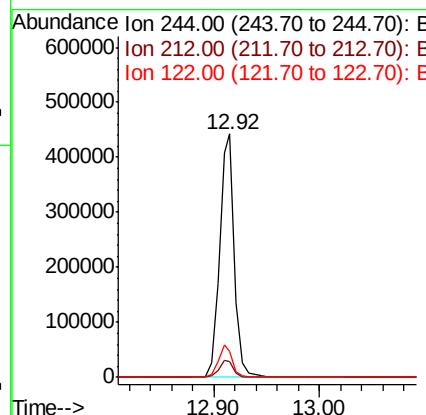
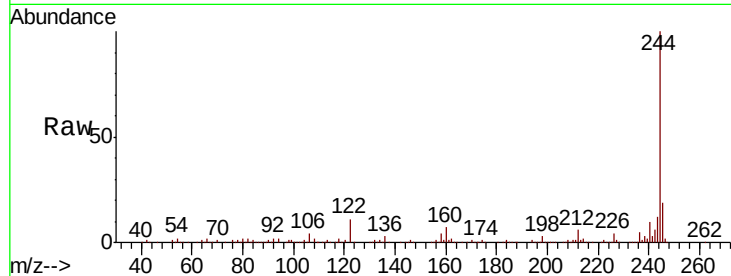




#79
 Terphenyl-d14
 Concen: 40.712 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

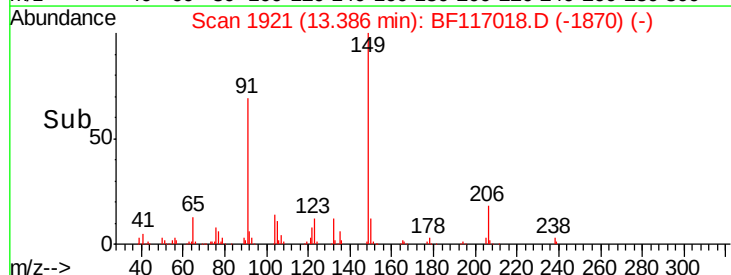
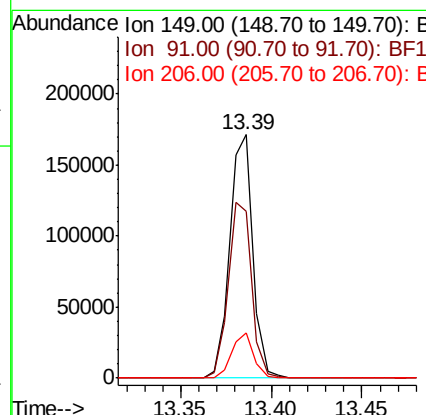
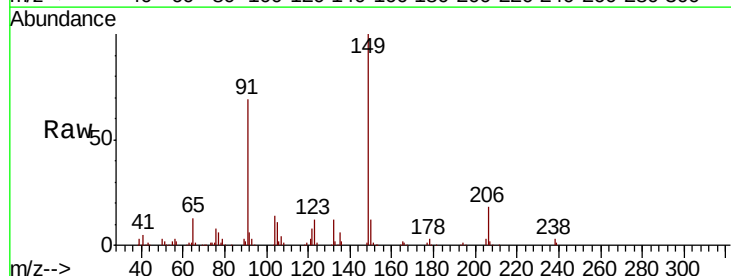
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

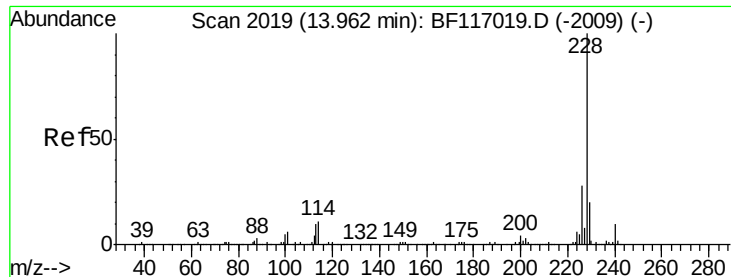
Tot Ion:244 Resp: 436337
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.9 11.3 16.9#



#80
 Butylbenzylphthalate
 Concen: 17.758 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF117018.D
 Acq: 13 Sep 2019 12:55

Tgt Ion:149 Resp: 152207
 Ion Ratio Lower Upper
 149 100
 91 68.8 58.8 88.2
 206 18.4 14.1 21.1





#81

Benzo(a)anthracene

Concen: 22.021 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

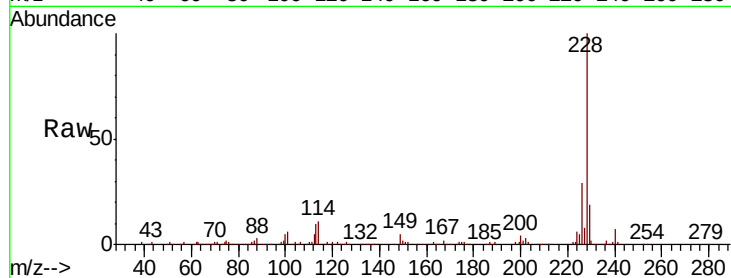
Tot Ion:228 Resp: 276337

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

229 19.0 15.9 23.9

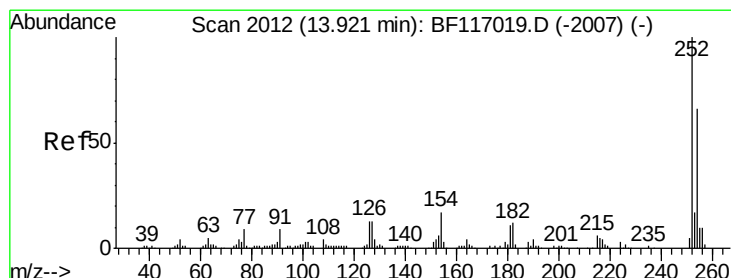
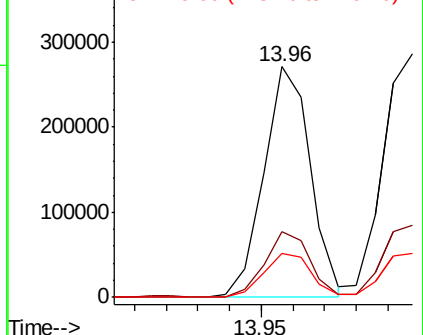
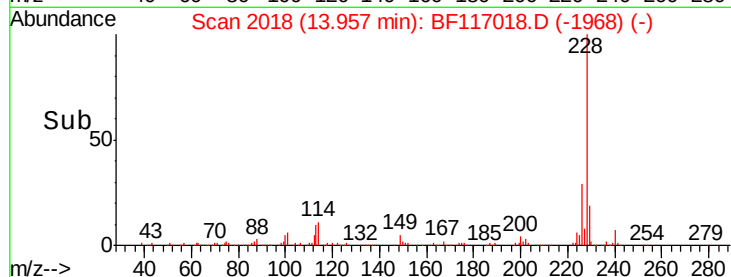


Abundance

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: 22.435 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

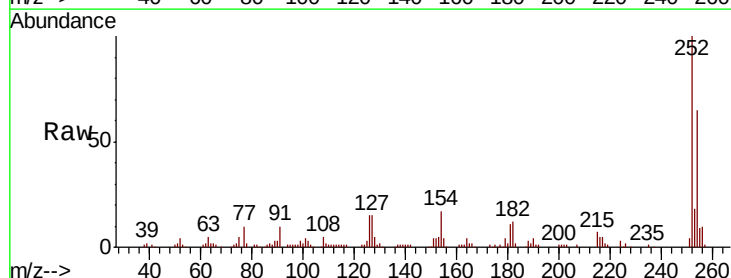
Tgt Ion:252 Resp: 95139

Ion Ratio Lower Upper

252 100

254 65.4 52.6 79.0

126 15.3 10.4 15.6

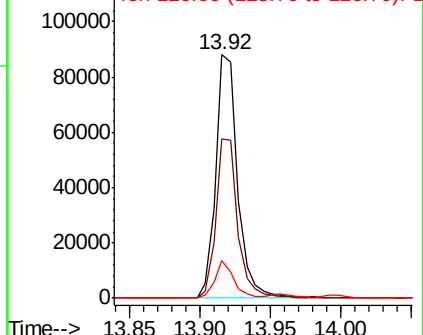
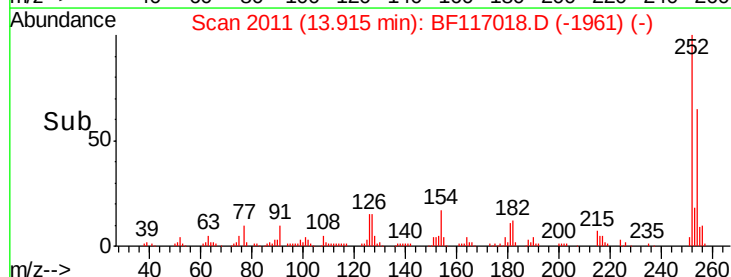


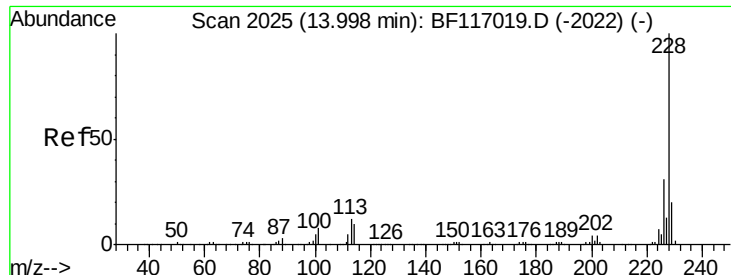
Abundance

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: 21.164 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

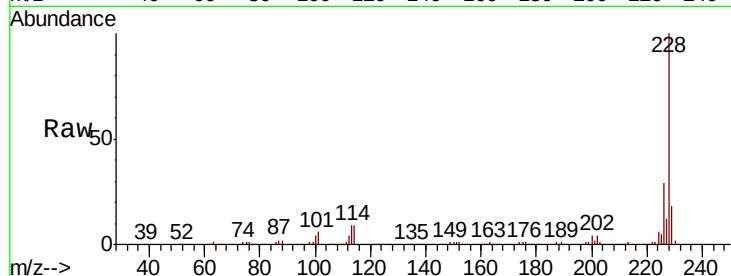
BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:228 Resp: 273614

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.8	37.2
229	18.2	15.8	23.8

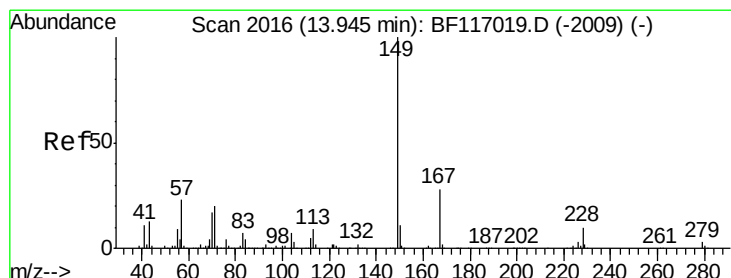
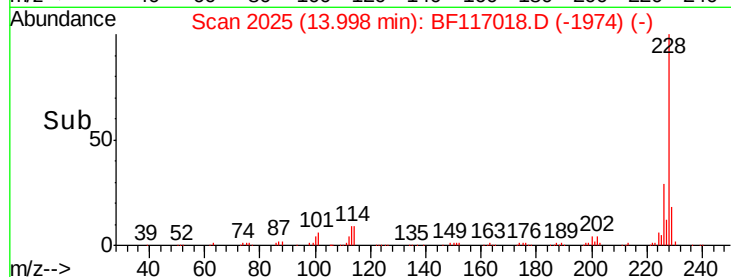
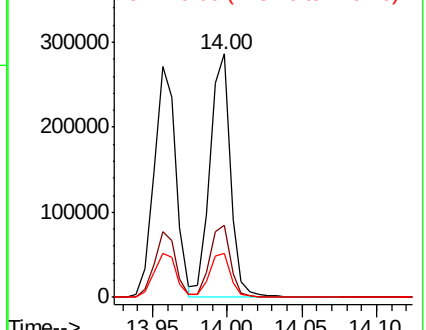


Abundance

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: 18.938 ng

RT: 13.94 min Scan# 2016

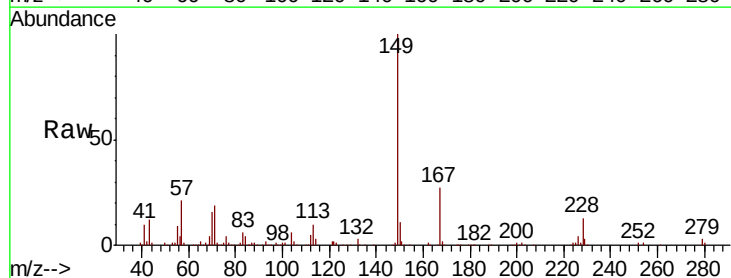
Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Tgt Ion:149 Resp: 200370

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.4	2.8	4.2

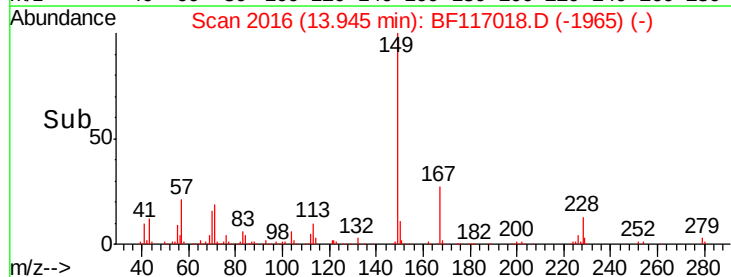
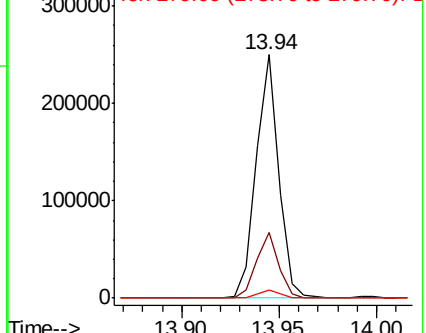


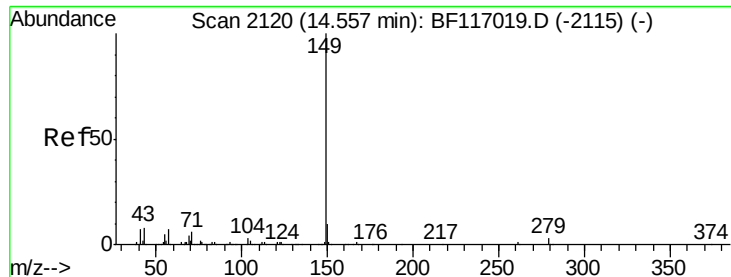
Abundance

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: 18.872 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

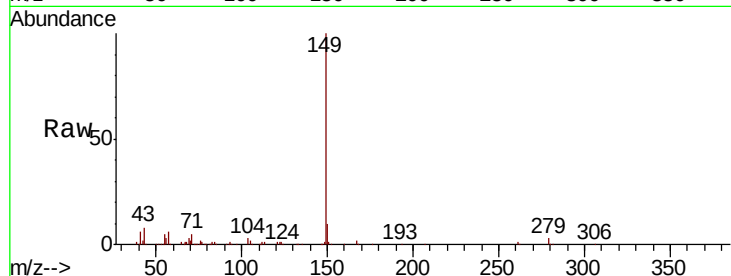
Tot Ion:149 Resp: 326749

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

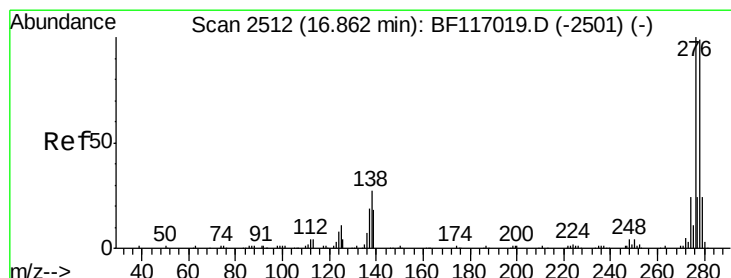
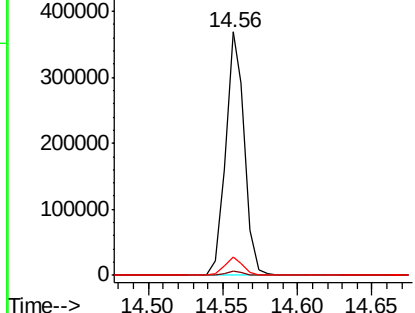
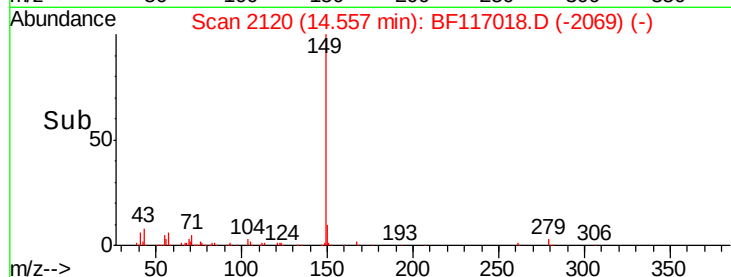
43 7.4 6.2 9.4



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: 17.872 ng

RT: 16.85 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BF117018.D

Acq: 13 Sep 2019 12:55

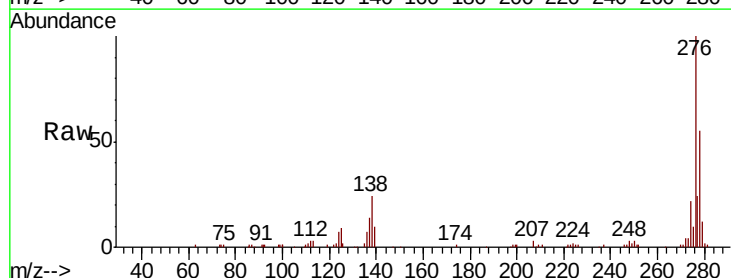
Tgt Ion:276 Resp: 185585

Ion Ratio Lower Upper

276 100

138 26.5 20.7 31.1

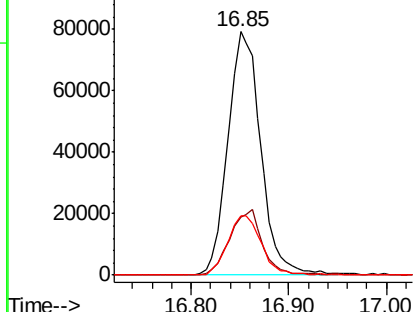
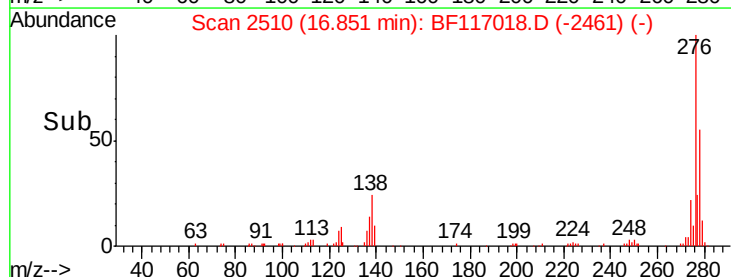
277 24.9 19.8 29.8

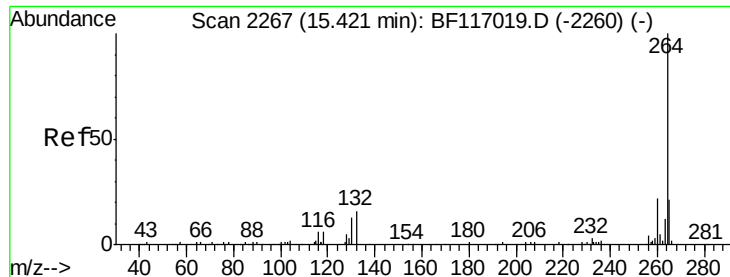


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



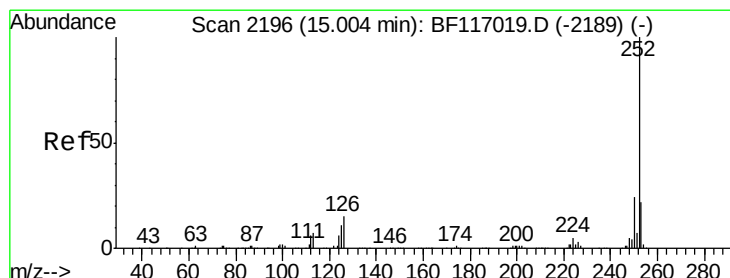
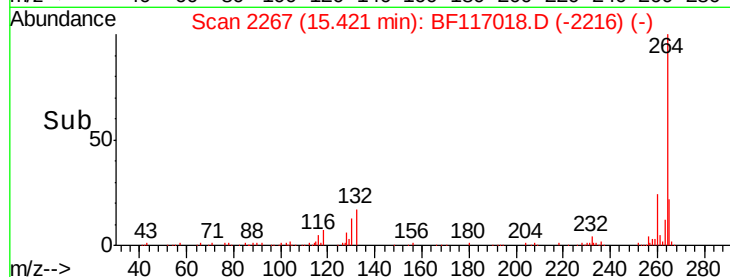
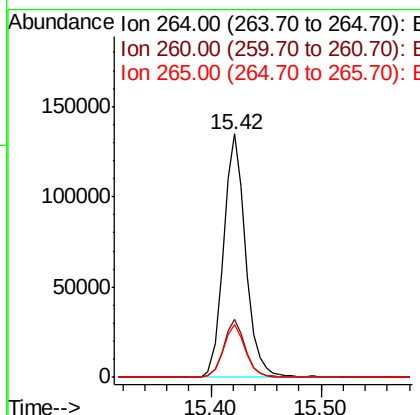
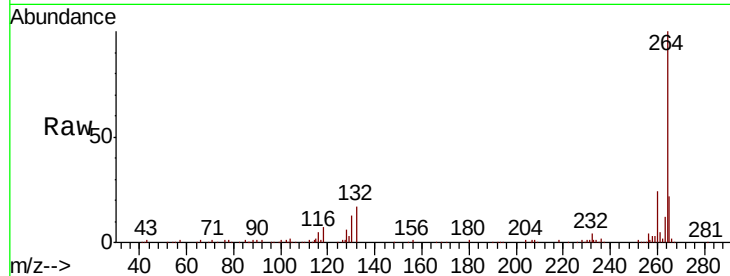


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:264 Resp: 188398

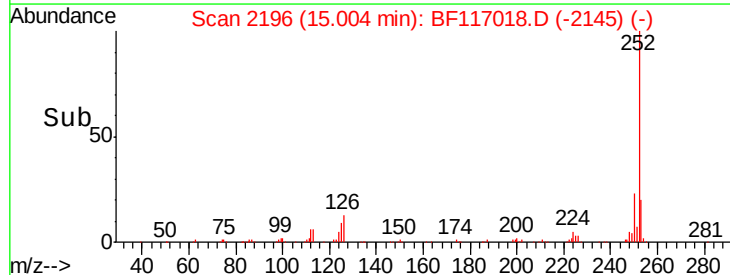
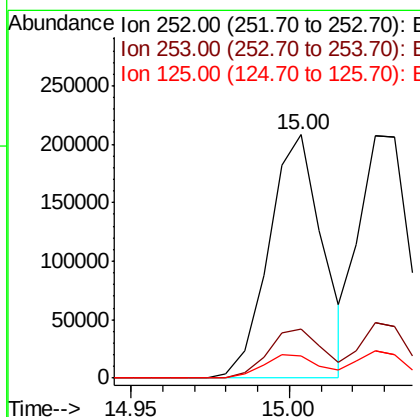
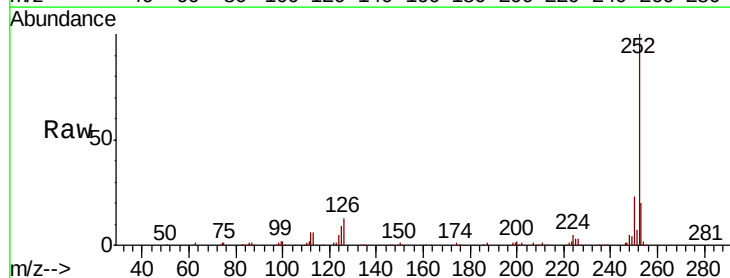
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	21.8	16.6	24.8

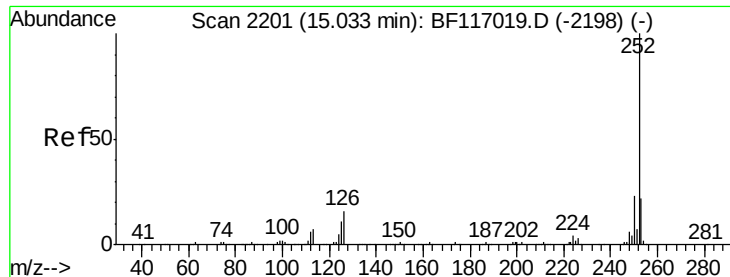


#88
Benzo(b)fluoranthene
Concen: 21.498 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:252 Resp: 244865

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.6	26.4
125	9.0	8.6	12.8

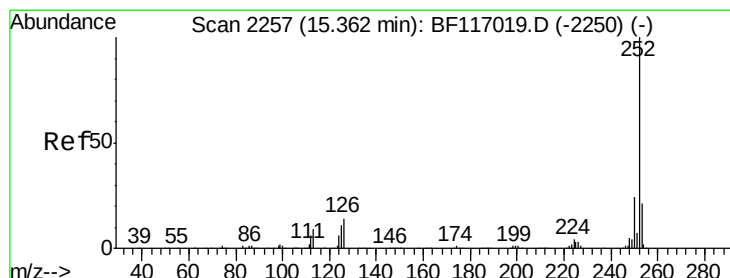
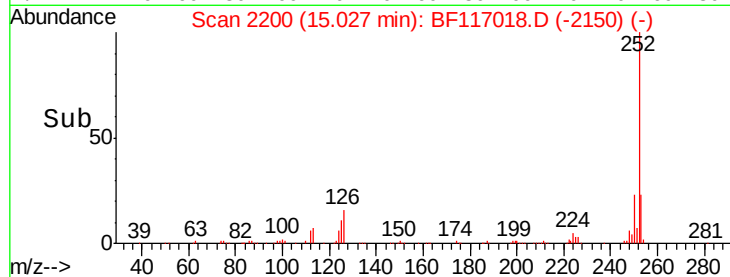
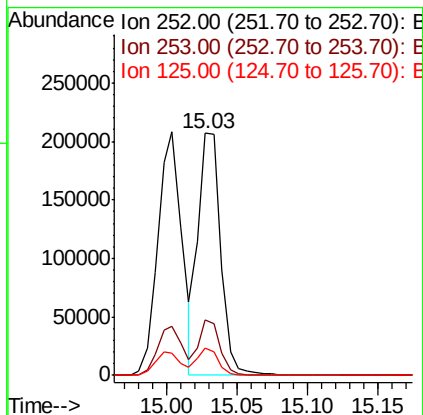
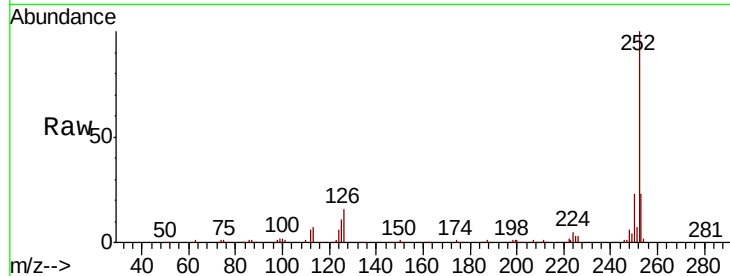




#89
Benzo(k)fluoranthene
Concen: 22.316 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

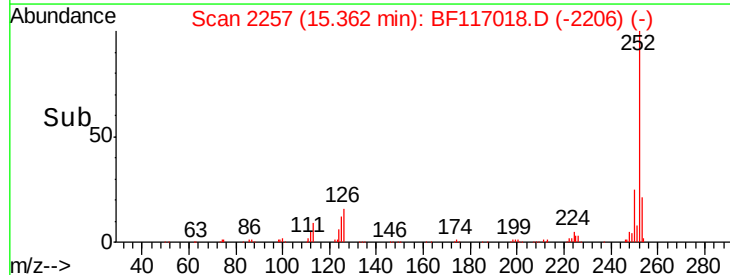
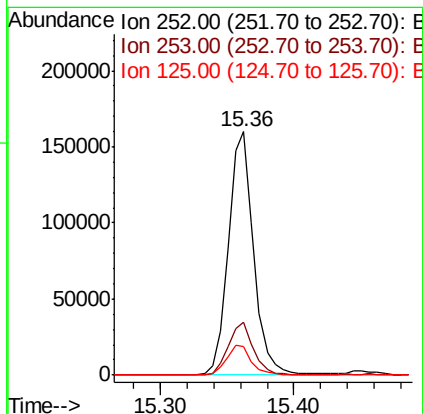
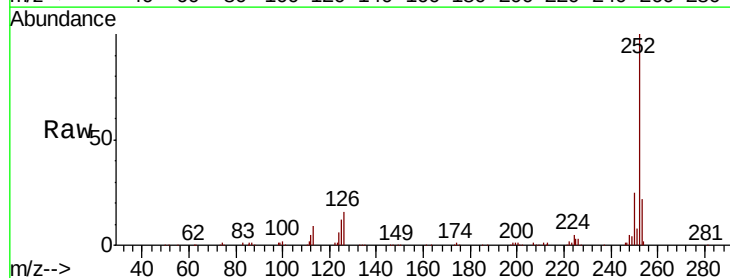
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

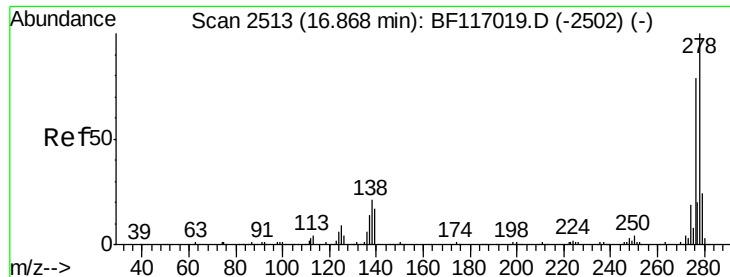
Tot Ion:252 Resp: 231758
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.4 8.8 13.2



#90
Benzo(a)pyrene
Concen: 21.449 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion:252 Resp: 212556
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 11.7 8.9 13.3

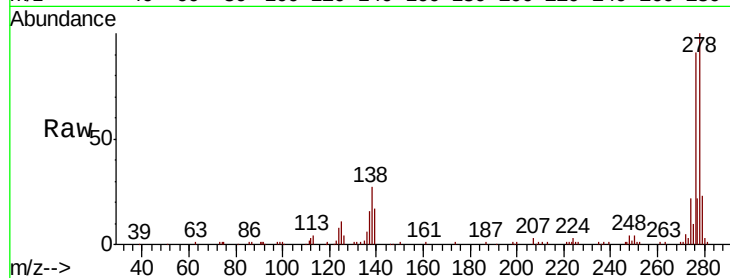




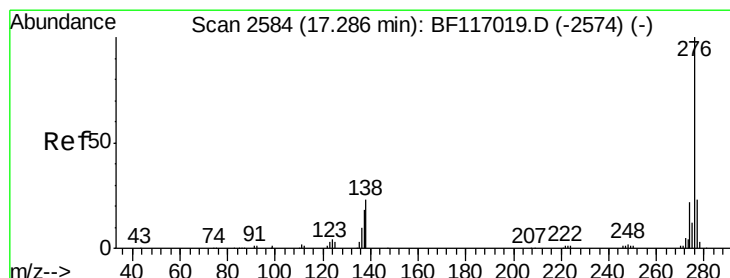
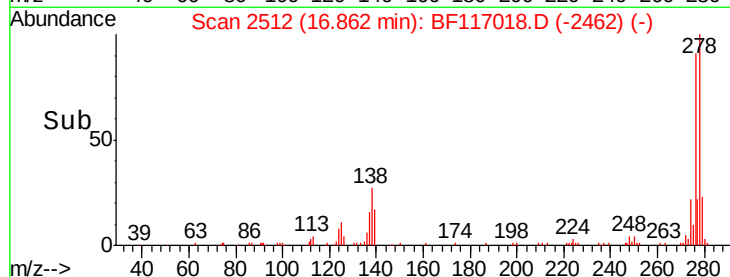
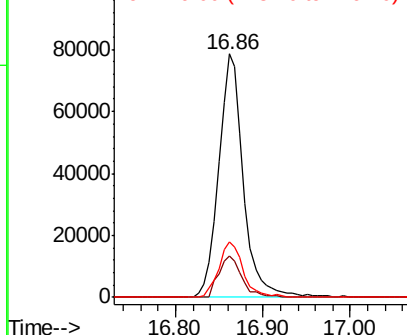
#91
Dibenzo(a,h)anthracene
Concen: 17.611 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	22.6	18.8	28.2

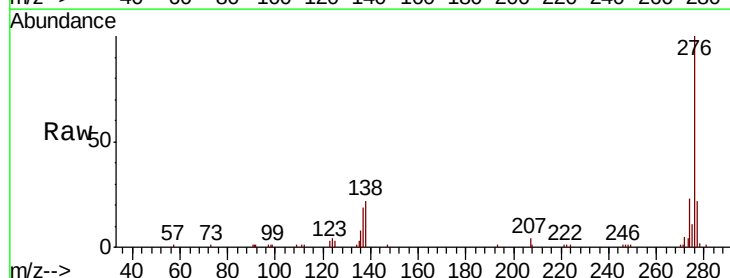


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 16.617 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF117018.D
Acq: 13 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	27.8
138	22.0	18.0	27.0



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

