

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117017.D
 Acq On : 13 Sep 2019 12:29
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 14:48:14 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	85478	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	350421	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	175829	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	291110	20.00	ng	0.00
76) Chrysene-d12	13.97	240	221899	20.00	ng	0.00
87) Perylene-d12	15.42	264	232913	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	117971	22.36	ng	0.00
7) Phenol-d6	6.45	99	158804	22.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	141572	23.06	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	32287	27.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	276041	26.48	ng	0.00
79) Terphenyl-d14	12.91	244	269039	22.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	23816	9.778	ng	98
3) Pyridine	3.33	79	60482	8.576	ng	95
4) n-Nitrosodimethylamine	3.24	42	20554	8.488	ng	# 93
6) Aniline	6.48	93	99891	10.410	ng	97
8) 2-Chlorophenol	6.60	128	67254	11.677	ng	99
9) Benzaldehyde	6.37	77	51179	11.213	ng	98
10) Phenol	6.46	94	87812	11.446	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	61831	10.351	ng	98
12) 1,3-Dichlorobenzene	6.76	146	73858	11.346	ng	97
13) 1,4-Dichlorobenzene	6.84	146	76054	11.735	ng	97
14) 1,2-Dichlorobenzene	6.99	146	72281	12.035	ng	98
15) Benzyl Alcohol	6.96	79	59513	10.582	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	61184	8.730	ng	95
17) 2-Methylphenol	7.07	107	55269	10.962	ng	97
18) Hexachloroethane	7.33	117	28727	11.409	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	47710	10.459	ng	98
20) 3+4-Methylphenols	7.23	107	73378	12.517	ng	# 87
22) Acetophenone	7.23	105	101949	12.084	ng	# 96
24) Nitrobenzene	7.40	77	70027	11.217	ng	99
25) Isophorone	7.64	82	131703	10.588	ng	99
26) 2-Nitrophenol	7.72	139	26119	11.253	ng	97
27) 2,4-Dimethylphenol	7.76	122	49391	10.537	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	82173	10.811	ng	99
29) 2,4-Dichlorophenol	7.96	162	50198	11.143	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	57251	11.717	ng	97
31) Naphthalene	8.12	128	192508	11.553	ng	98
32) Benzoic acid	7.84	122	23573	8.906	ng	94
33) 4-Chloroaniline	8.17	127	84019	11.077	ng	98
34) Hexachlorobutadiene	8.25	225	32430	12.173	ng	96
35) Caprolactam	8.51	113	16945	10.051	ng	93
36) 4-Chloro-3-methylphenol	8.65	107	61802	11.937	ng	99
37) 2-Methylnaphthalene	8.82	142	132945	11.991	ng	99
38) 1-Methylnaphthalene	8.91	142	125458	11.987	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	51731	12.273	ng	99

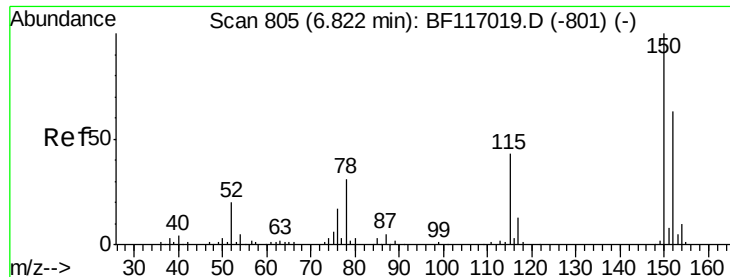
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117017.D
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 Operator : HP/JU
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 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	11288	4.638	ng	96
43) 2,4,6-Trichlorophenol	9.09	196	33185	11.485	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	37451	12.485	ng	96
46) 1,1'-Biphenyl	9.27	154	161789	12.126	ng	99
47) 2-Chloronaphthalene	9.30	162	127946	12.108	ng	99
48) 2-Nitroaniline	9.39	65	35631	11.663	ng	93
49) Acenaphthylene	9.72	152	190171	11.905	ng	99
50) Dimethylphthalate	9.57	163	141609	11.665	ng	99
51) 2,6-Dinitrotoluene	9.63	165	26327	11.367	ng	98
52) Acenaphthene	9.89	154	112215	11.433	ng	100
53) 3-Nitroaniline	9.80	138	33838	11.658	ng	96
54) 2,4-Dinitrophenol	9.92	184	5206	7.651	ng	92
55) Dibenzofuran	10.06	168	170163	12.298	ng	99
56) 4-Nitrophenol	9.97	139	18510	9.301	ng	99
57) 2,4-Dinitrotoluene	10.04	165	32149	11.352	ng	99
58) Fluorene	10.40	166	134041	12.714	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	24554	11.342	ng	92
60) Diethylphthalate	10.26	149	141486	11.636	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	58946	12.768	ng	96
62) 4-Nitroaniline	10.41	138	35278	12.524	ng	94
63) Azobenzene	10.55	77	142827	11.265	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	8097	8.236	ng	86
66) n-Nitrosodiphenylamine	10.50	169	118000	11.717	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	33864	11.451	ng	94
68) Hexachlorobenzene	10.95	284	37242	12.036	ng	94
69) Atrazine	11.03	200	32999	11.700	ng	98
70) Pentachlorophenol	11.15	266	13721	9.167	ng	94
71) Phenanthrene	11.36	178	196763	12.142	ng	98
72) Anthracene	11.41	178	202942	12.441	ng	98
73) Carbazole	11.56	167	188744	12.147	ng	98
74) Di-n-butylphthalate	11.89	149	220910	11.090	ng	97
75) Fluoranthene	12.55	202	202549	12.718	ng	97
77) Benzidine	12.66	184	106247	12.207	ng	99
78) Pyrene	12.77	202	206945	10.491	ng	99
80) Butylbenzylphthalate	13.39	149	92867	9.681	ng	93
81) Benzo(a)anthracene	13.96	228	168826	12.021	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	58415	12.308	ng	94
83) Chrysene	13.99	228	171234	11.835	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	121604	10.270	ng	97
85) Di-n-octyl phthalate	14.56	149	198154	10.226	ng	99
86) Indeno(1,2,3-cd)pyrene	16.85	276	137380	11.821	ng	99
88) Benzo(b)fluoranthene	15.00	252	150705	10.702	ng	99
89) Benzo(k)fluoranthene	15.03	252	152374	11.868	ng	98
90) Benzo(a)pyrene	15.36	252	138467	11.302	ng	99
91) Dibenzo(a,h)anthracene	16.86	278	107970	10.069	ng	100
92) Benzo(g,h,i)perylene	17.28	276	104838	9.586	ng	99

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

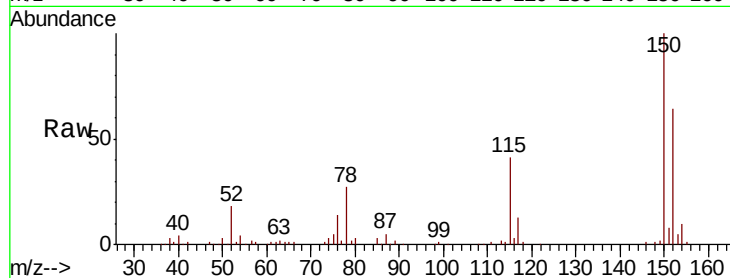


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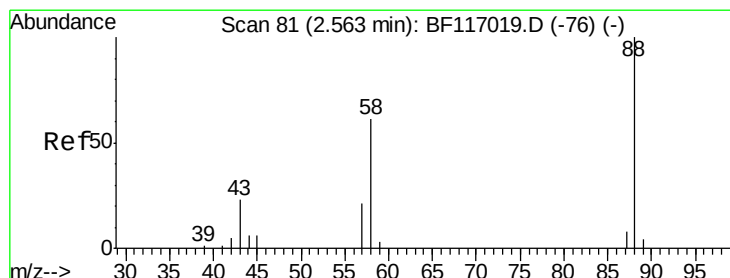
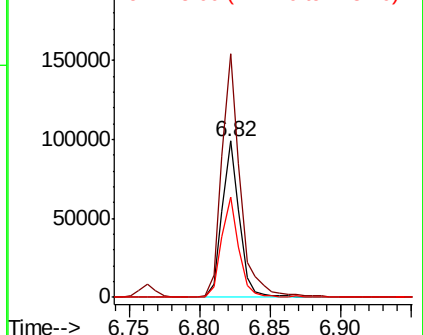
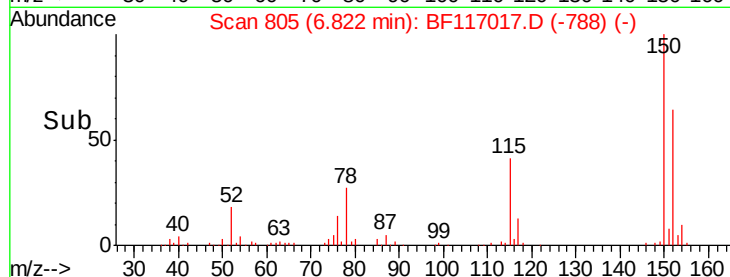
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85478
Ion Ratio Lower Upper
152 100
150 155.8 127.5 191.3
115 64.1 55.0 82.4



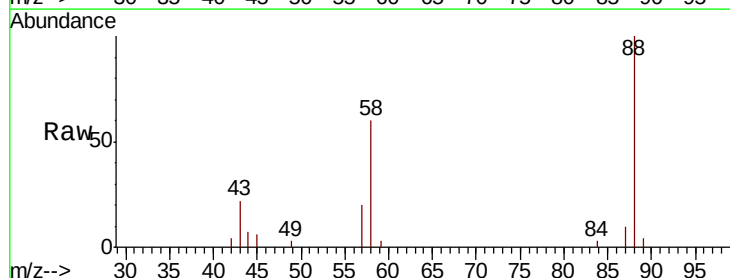
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



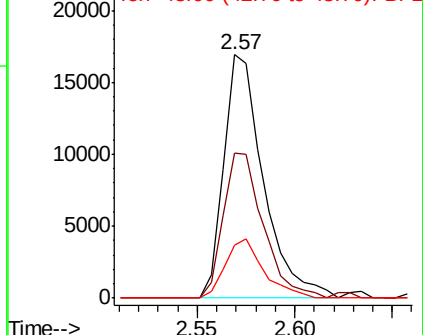
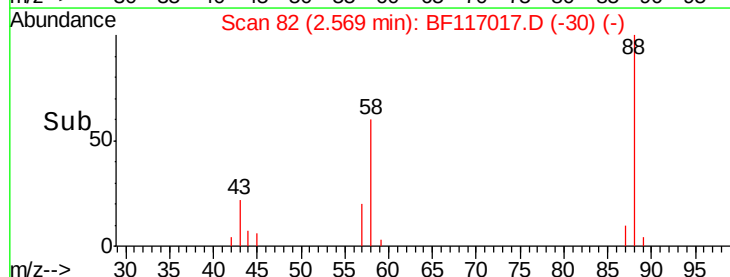
#2

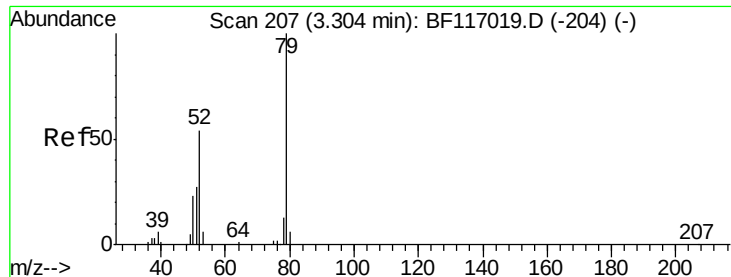
1,4-Dioxane
Concen: 9.778 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion: 88 Resp: 23816
Ion Ratio Lower Upper
88 100
58 60.0 49.3 73.9
43 23.6 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

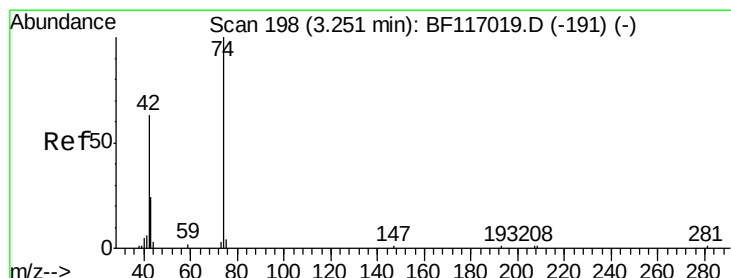
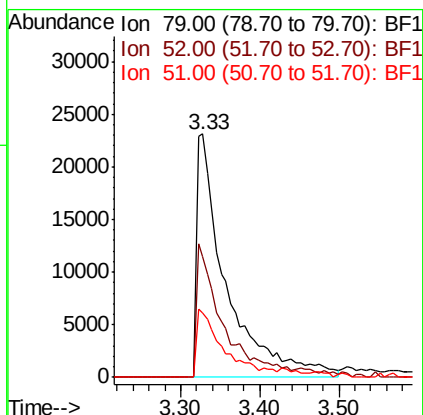
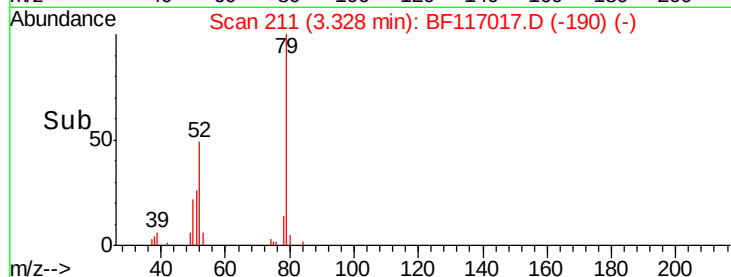
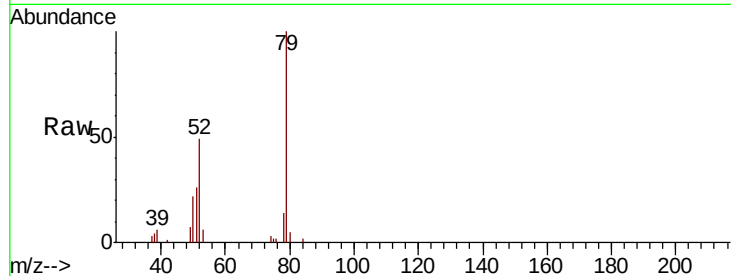




#3
 Pvridine
 Concen: 8.576 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.02 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

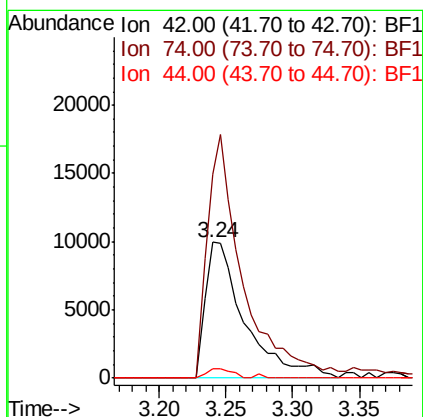
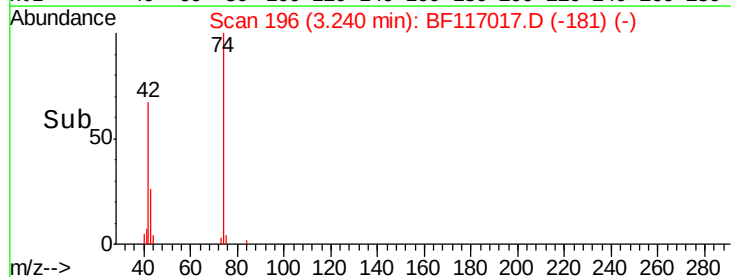
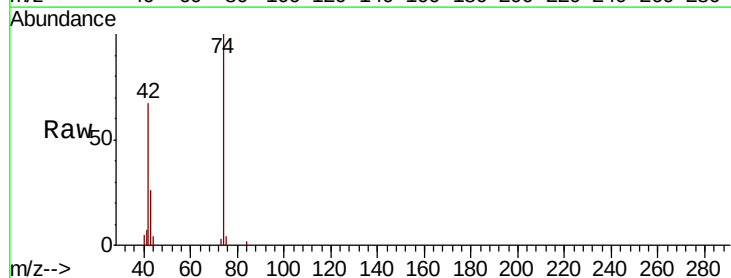
Instrument :
 BNA_F
 ClientSampleId :

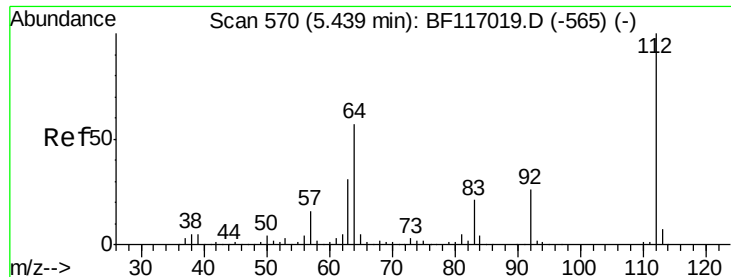
Tot Ion	Ratio	Lower	Upper
79	100		
52	49.4	43.5	65.3
51	26.5	21.8	32.6



#4
 n-Nitrosodimethylamine
 Concen: 8.488 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.1	127.1	190.7
44	6.6	4.3	6.5#





#5

2-Fluorophenol

Concen: 22.359 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

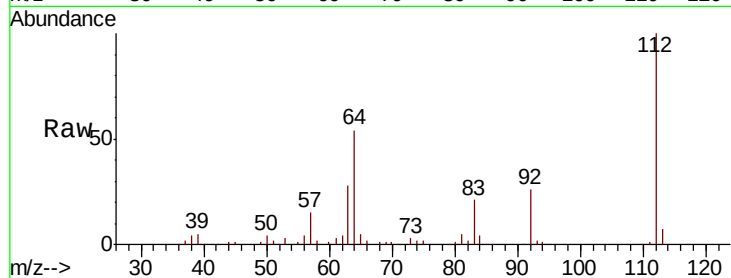
Tot Ion:112 Resp: 117971

Ion Ratio Lower Upper

112 100

64 54.4 45.7 68.5

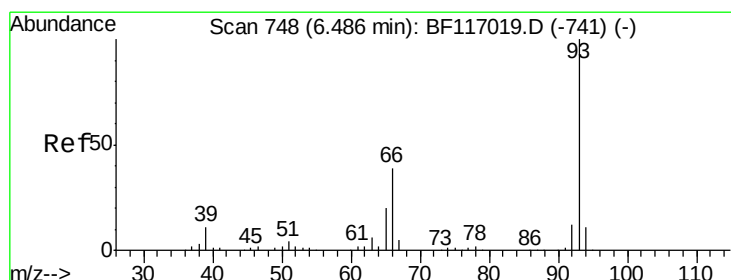
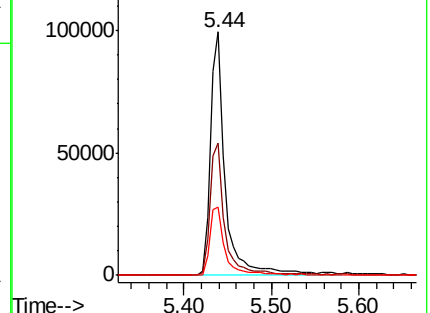
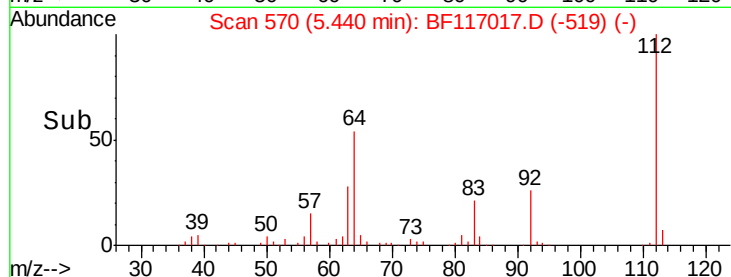
63 28.3 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.410 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

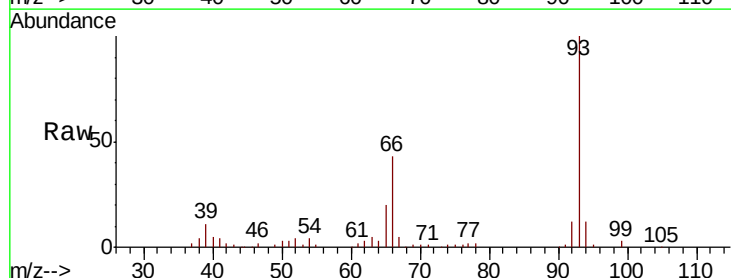
Tgt Ion: 93 Resp: 99891

Ion Ratio Lower Upper

93 100

66 43.1 32.6 49.0

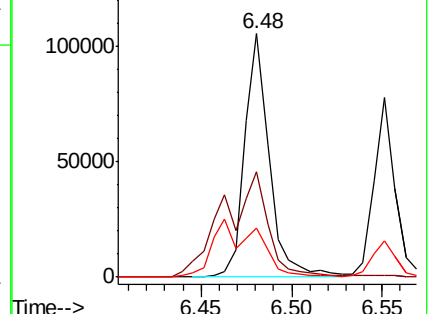
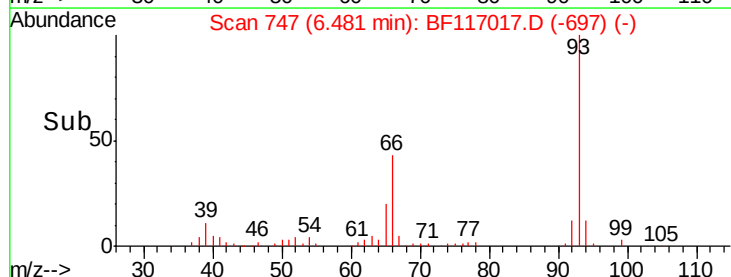
65 20.2 16.7 25.1

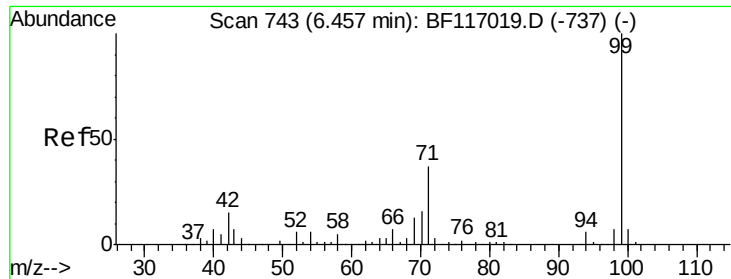


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.921 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

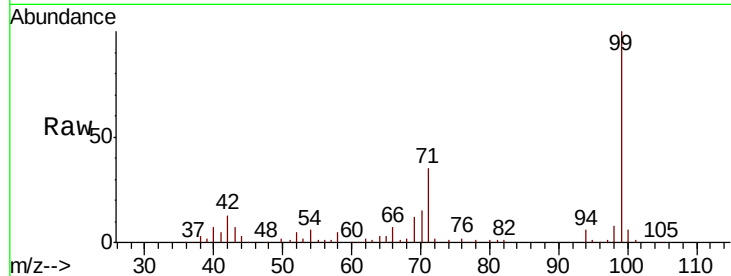
Tot Ion: 99 Resp: 158804

Ion Ratio Lower Upper

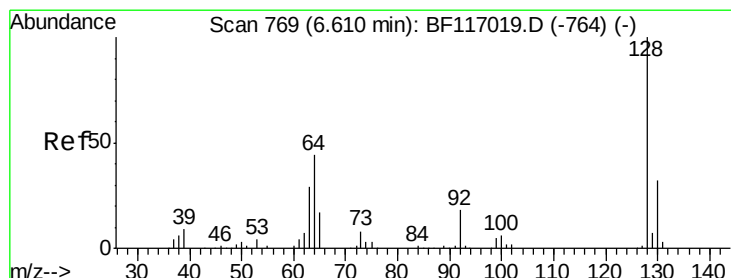
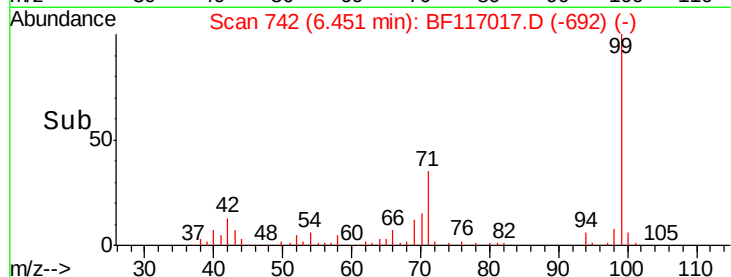
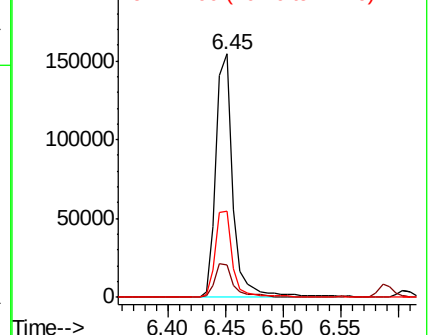
99 100

42 13.3 12.2 18.2

71 35.2 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: 11.677 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

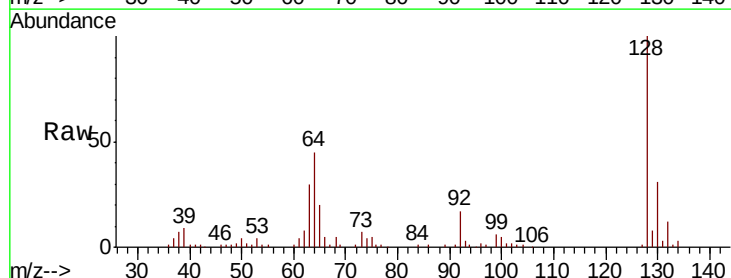
Tgt Ion: 128 Resp: 67254

Ion Ratio Lower Upper

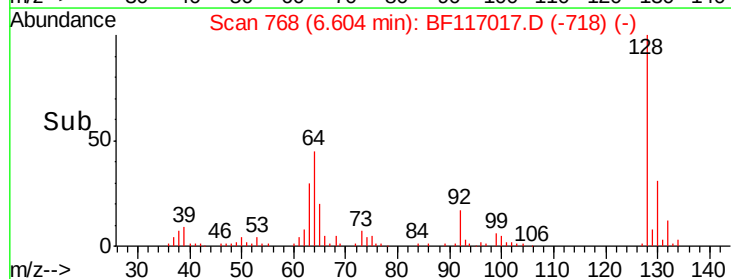
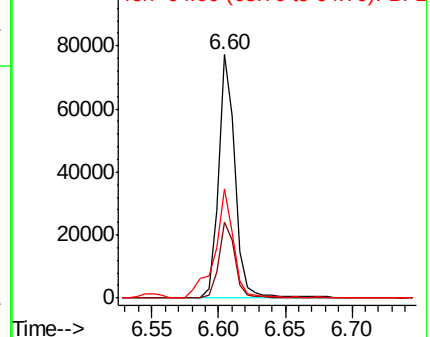
128 100

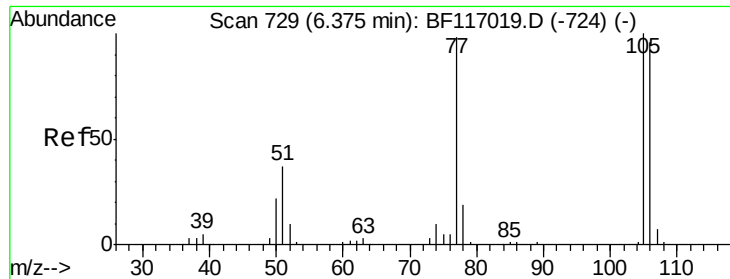
130 31.0 11.8 51.8

64 44.6 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: 11.213 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

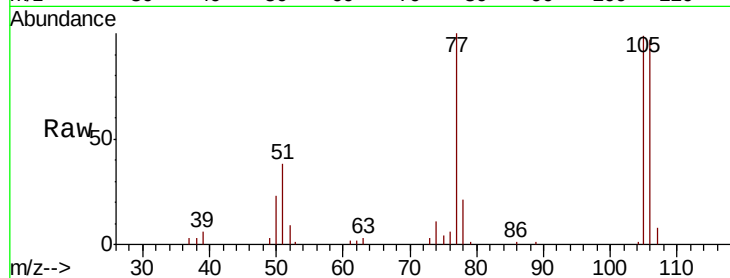
Tot Ion: 77 Resp: 51179

Ion Ratio Lower Upper

77 100

105 98.6 81.8 121.8

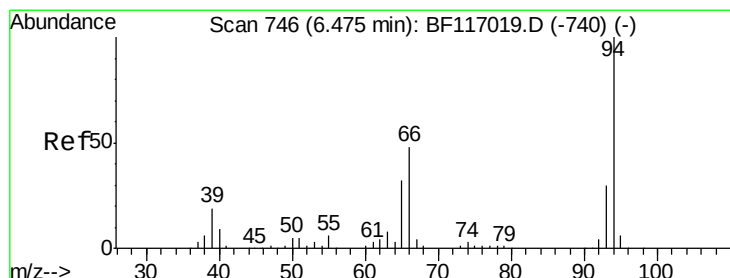
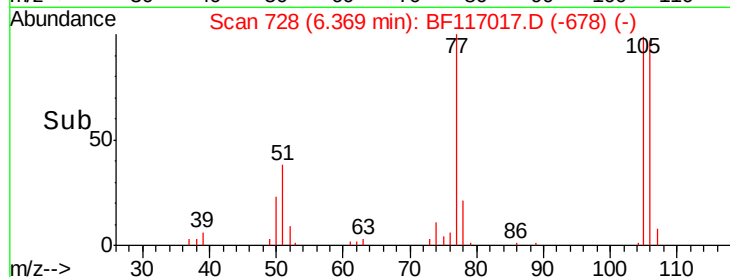
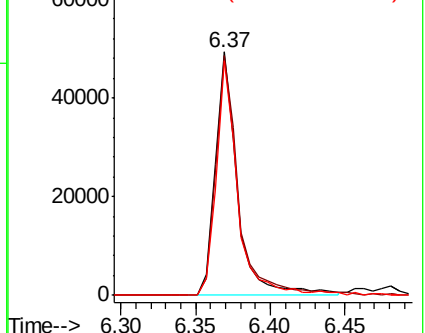
106 96.6 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 11.446 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

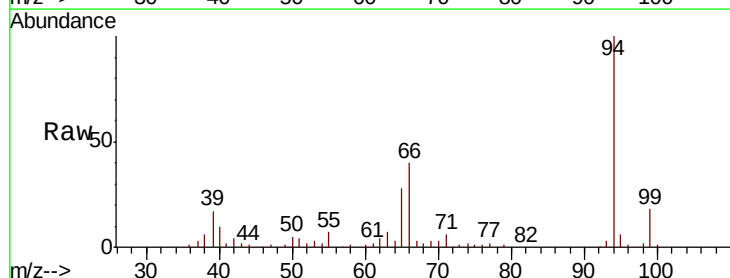
Tgt Ion: 94 Resp: 87812

Ion Ratio Lower Upper

94 100

65 28.1 12.5 52.5

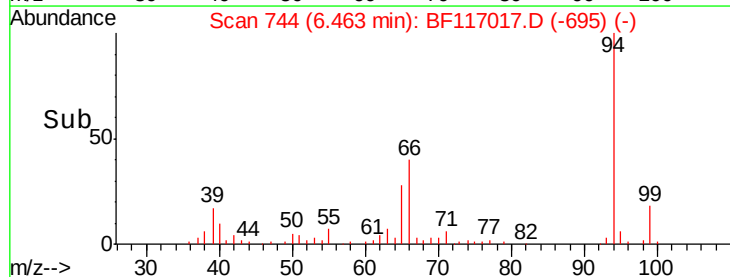
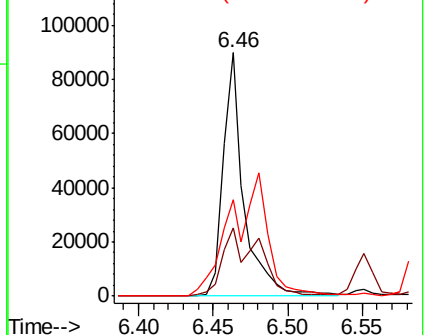
66 39.6 28.9 68.9

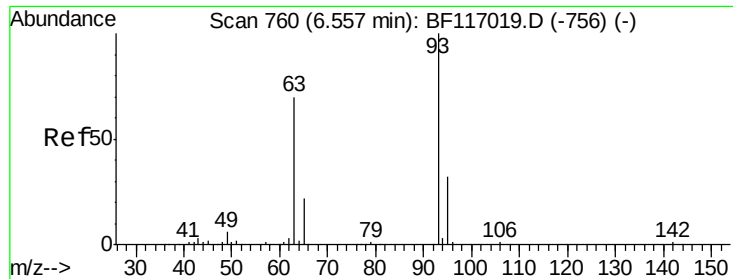


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 10.351 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

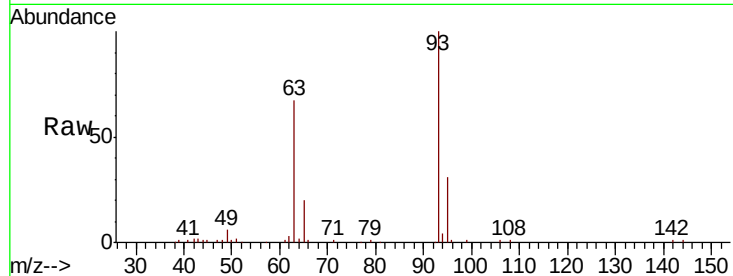
Tot Ion: 93 Resp: 61831

Ion Ratio Lower Upper

93 100

63 67.3 49.3 89.3

95 31.3 11.5 51.5

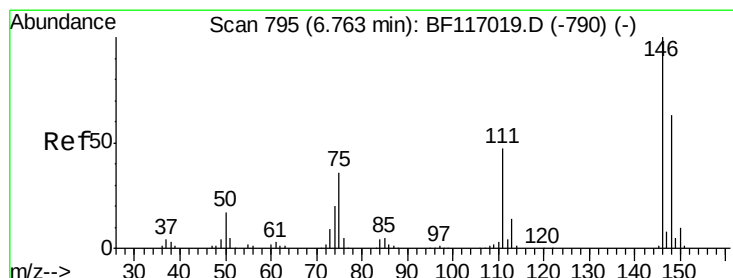
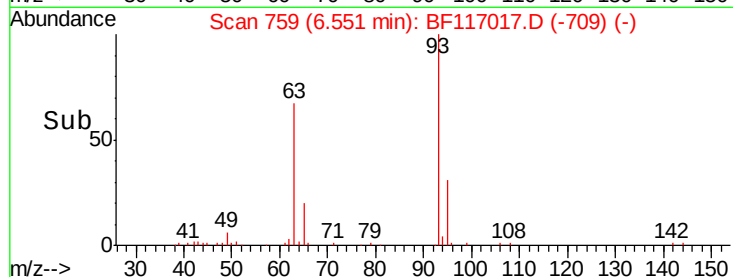
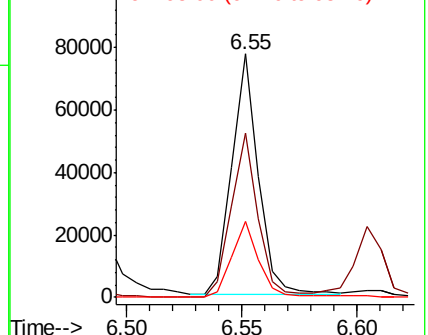


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 11.346 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

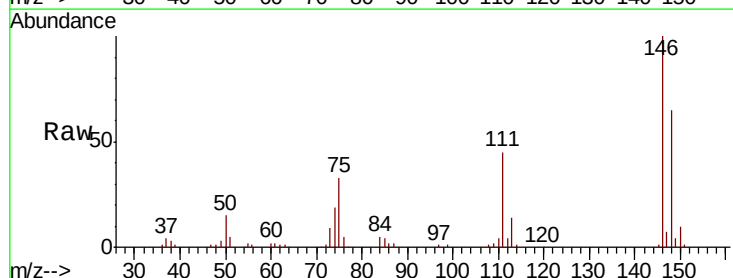
Tgt Ion: 146 Resp: 73858

Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

75 32.7 28.7 43.1

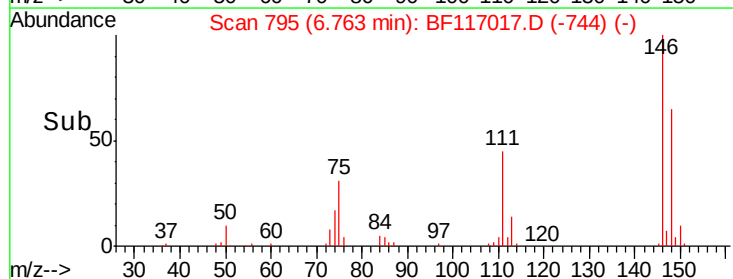
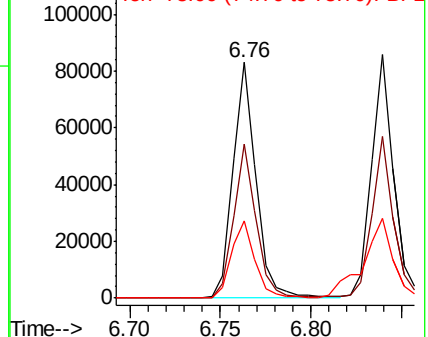


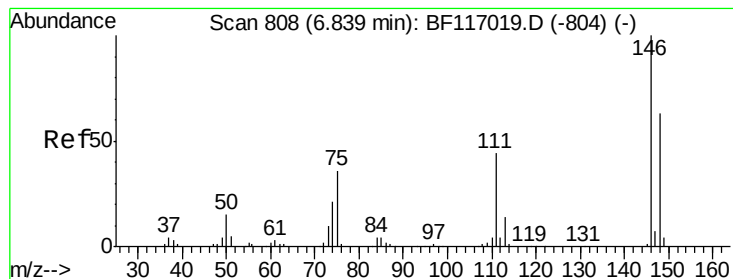
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 11.735 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

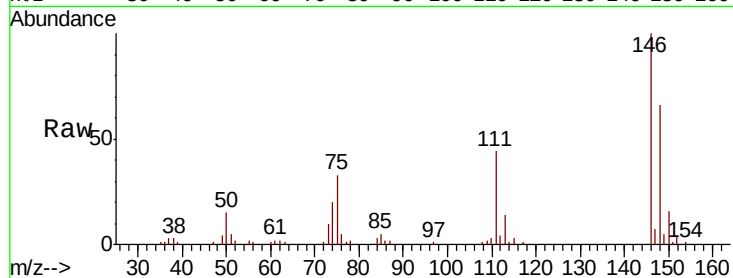
Tot Ion:146 Resp: 76054

Ion Ratio Lower Upper

146 100

148 66.3 50.6 76.0

111 44.4 35.0 52.6

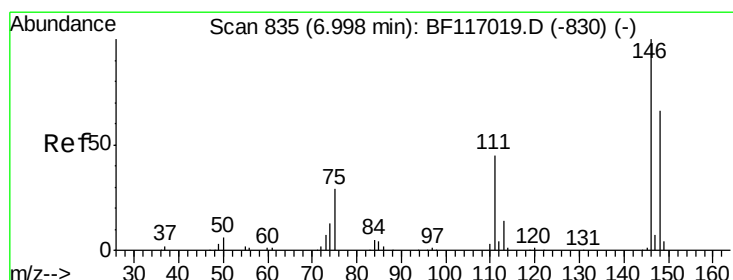
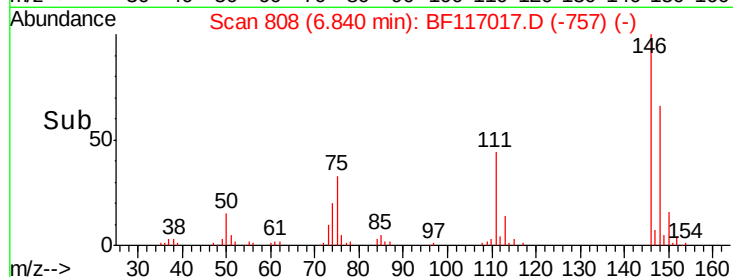
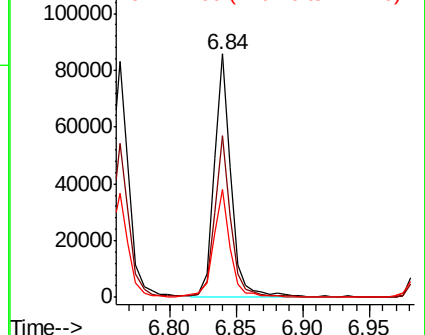


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 12.035 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

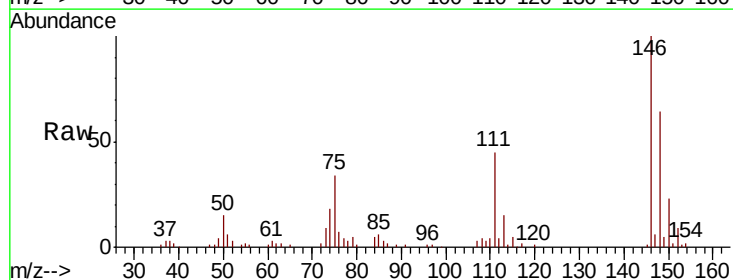
Tgt Ion:146 Resp: 72281

Ion Ratio Lower Upper

146 100

148 64.1 52.6 78.8

111 44.5 36.2 54.2

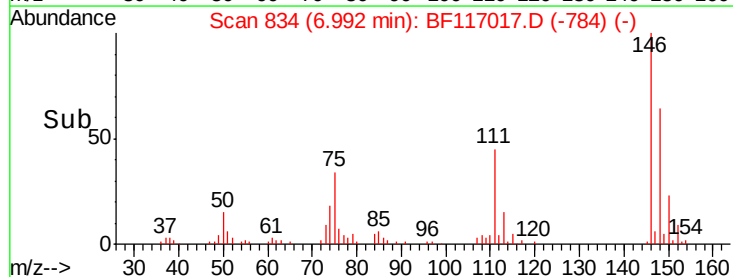
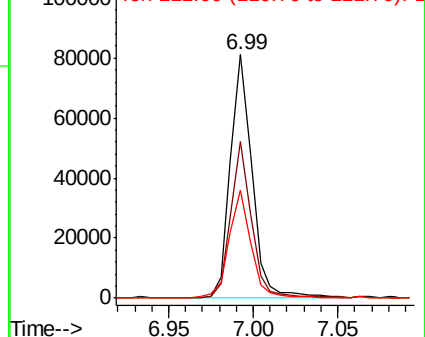


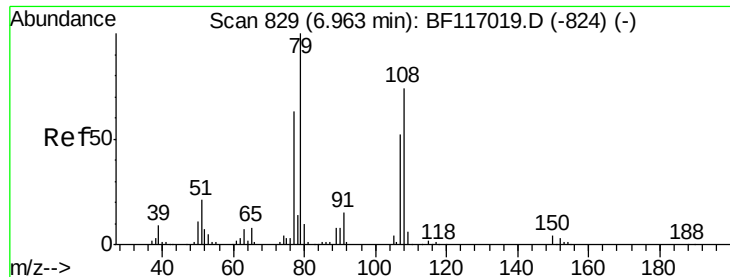
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.582 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

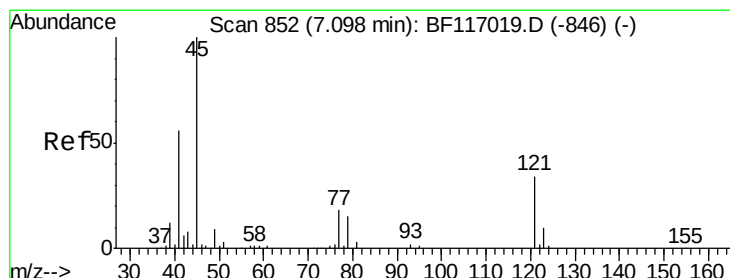
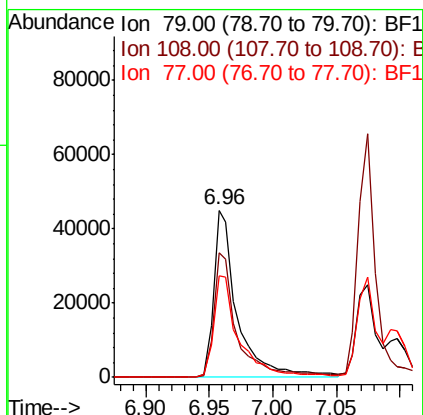
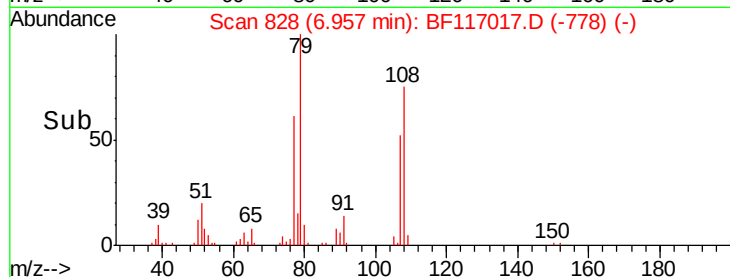
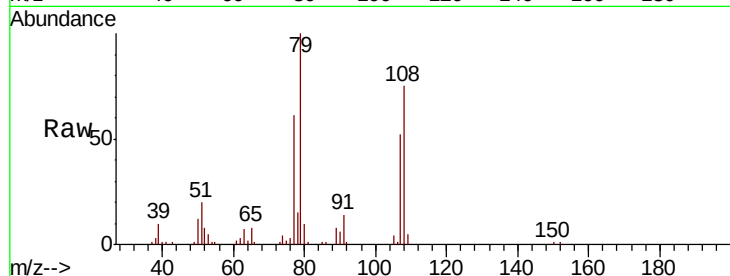
Tot Ion: 79 Resp: 59513

Ion Ratio Lower Upper

79 100

108 74.8 59.4 89.0

77 60.9 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.730 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

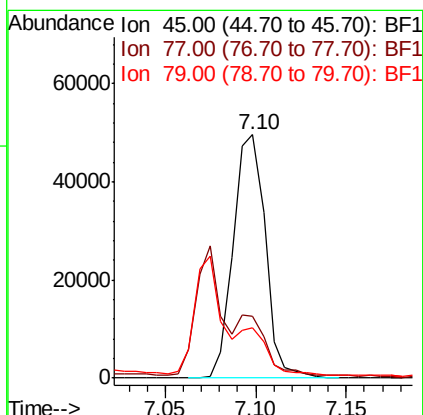
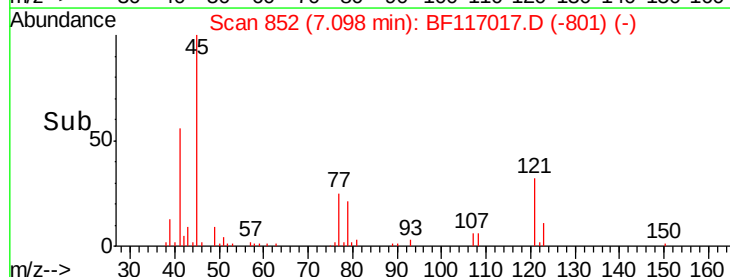
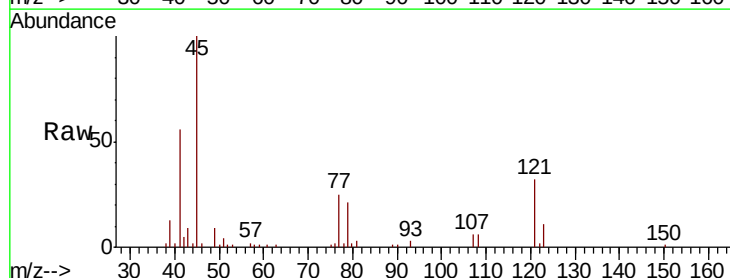
Tgt Ion: 45 Resp: 61184

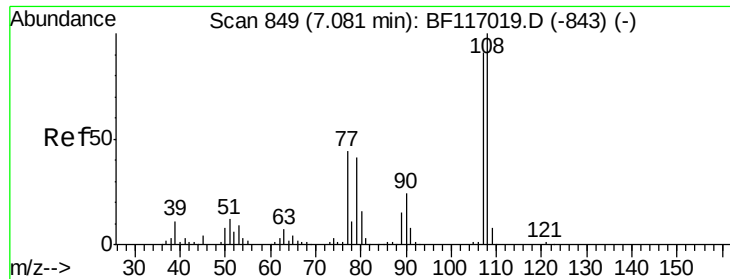
Ion Ratio Lower Upper

45 100

77 25.3 2.7 42.7

79 20.8 0.0 38.9

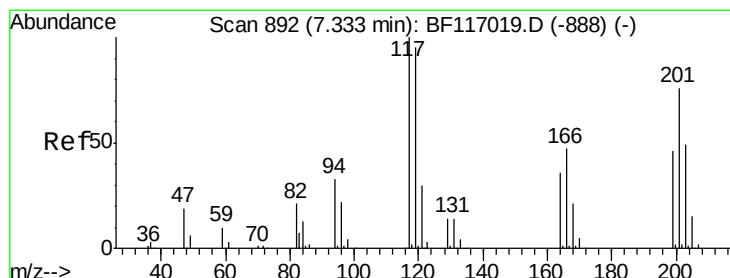
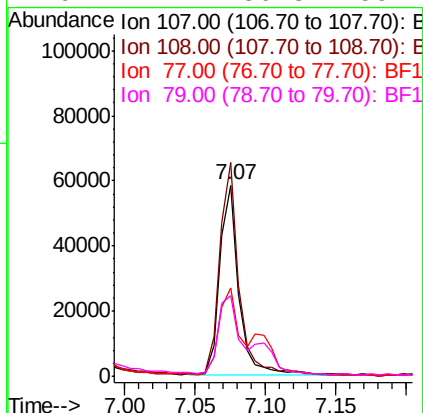
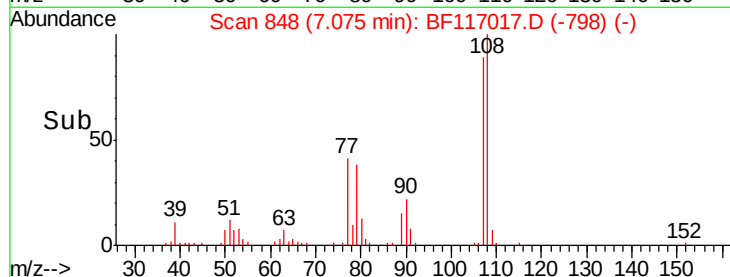
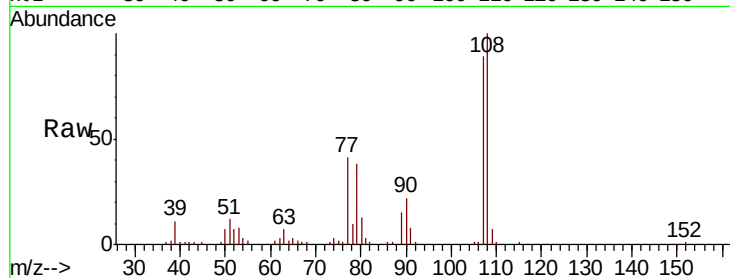




#17
2-Methylphenol
Concen: 10.962 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

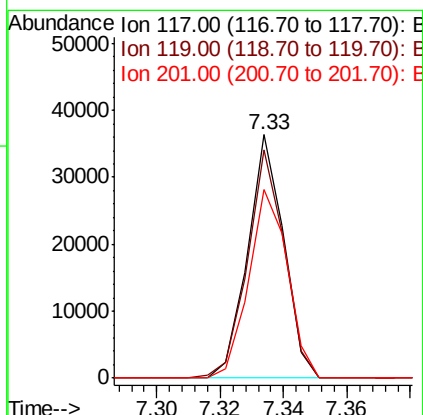
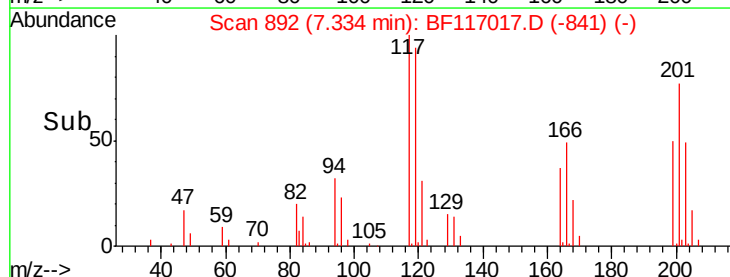
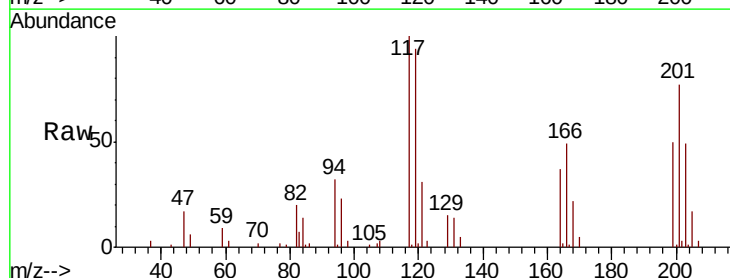
Instrument :
BNA_F
ClientSampled :

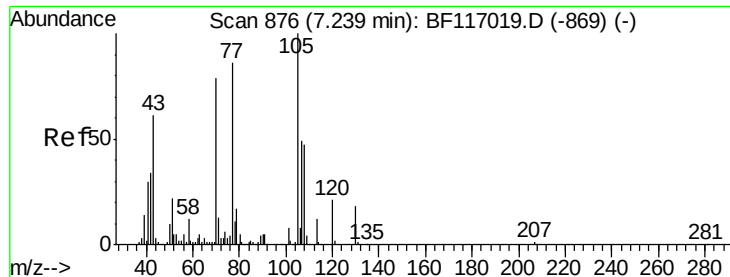
Tot Ion:	107	Resp:	55269
Ion	Ratio	Lower	Upper
107	100		
108	111.8	87.7	131.5
77	46.1	38.6	58.0
79	42.4	36.8	55.2



#18
Hexachloroethane
Concen: 11.409 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:	117	Resp:	28727
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.8	113.8
201	77.2	60.9	91.3

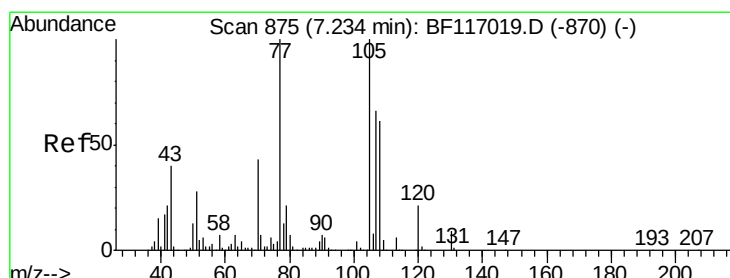
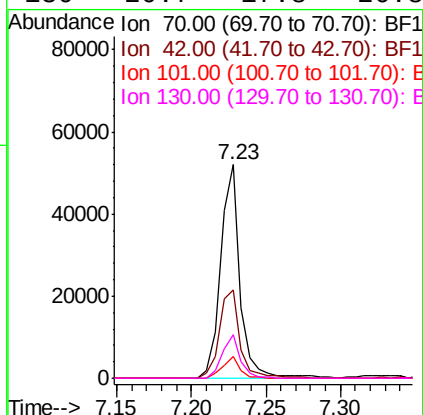
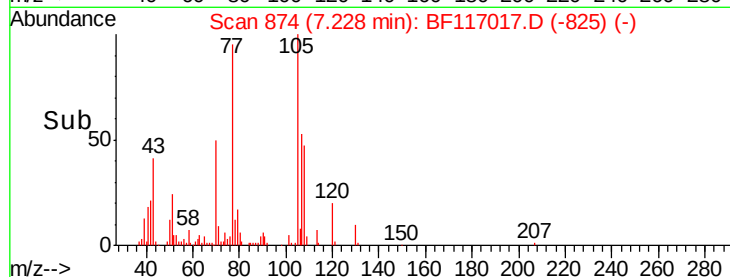
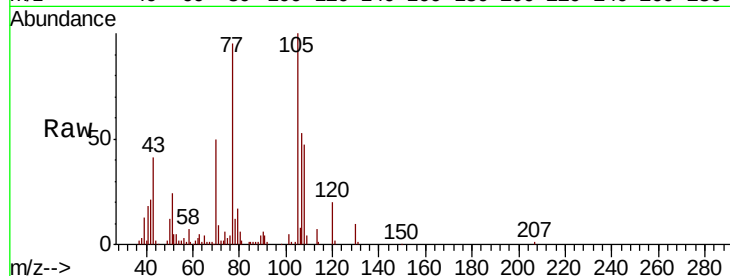




#19
n-Nitroso-di-n-propylamine
Concen: 10.459 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

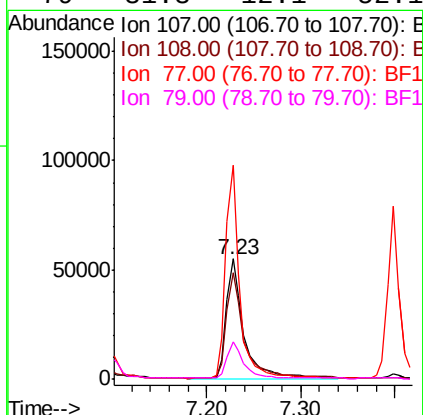
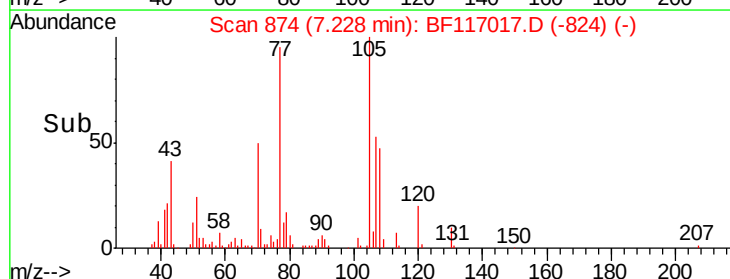
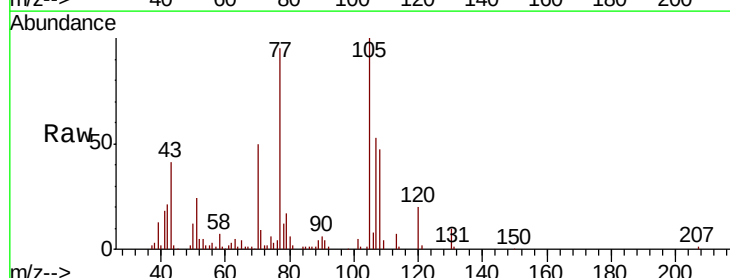
Instrument :
BNA_F
ClientSampleId :

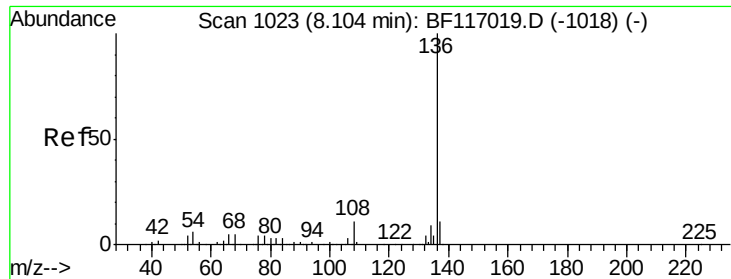
Tot Ion:	70	Resp:	47710
Ion	Ratio	Lower	Upper
70	100		
42	41.3	34.0	51.0
101	10.4	7.8	11.6
130	20.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 12.517 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:	107	Resp:	73378
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.6	112.6
77	177.9	132.1	172.1#
79	31.3	12.1	52.1

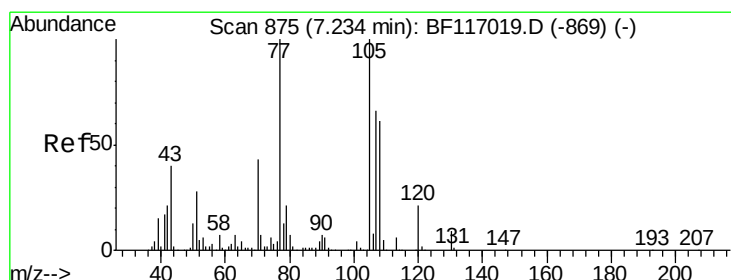
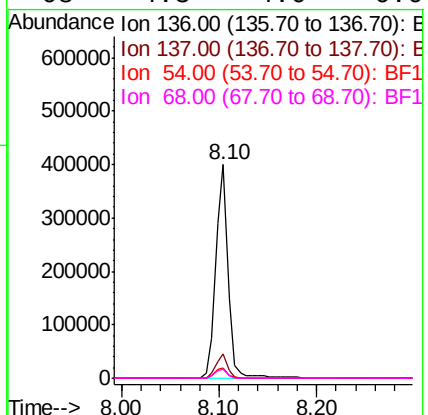
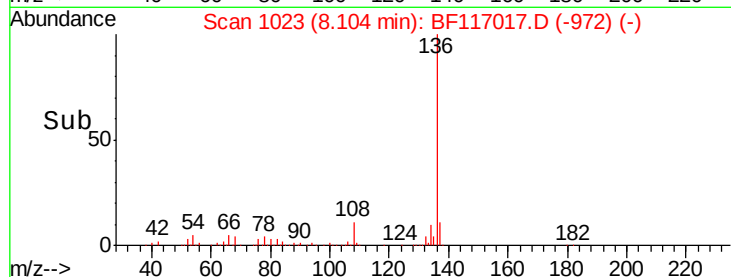
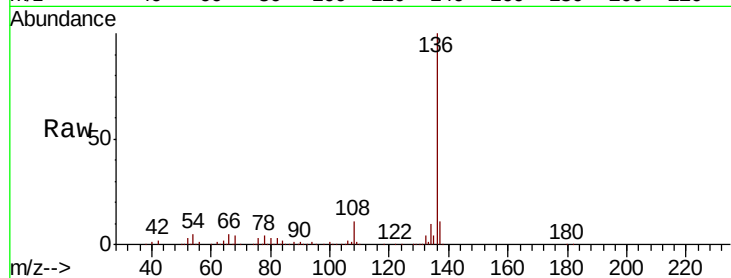




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

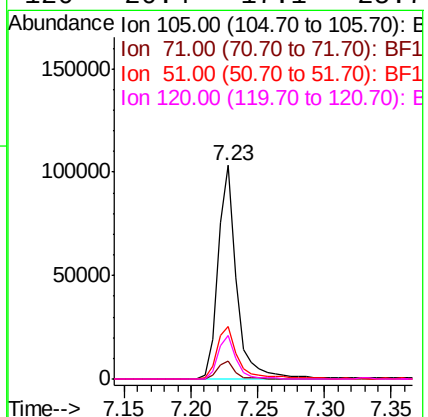
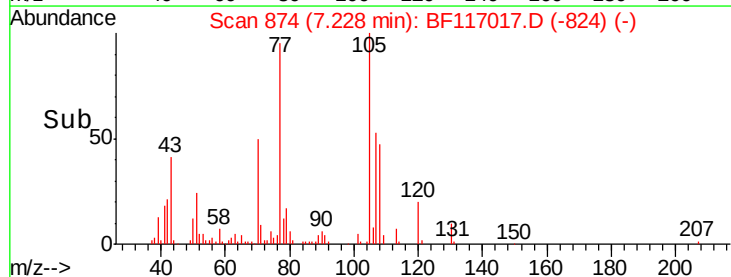
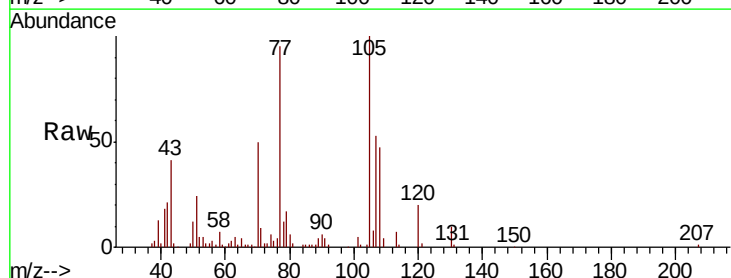
Instrument :
BNA_F
ClientSampleId :

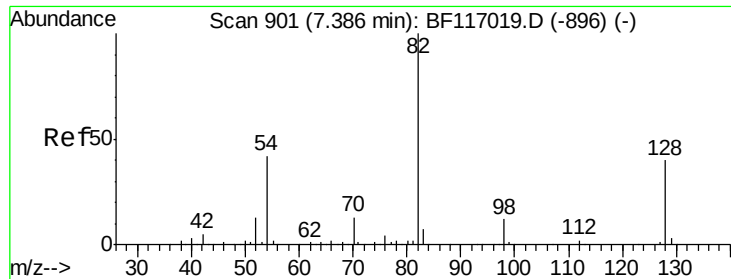
Tot Ion:136	Resp:	350421
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	5.1	4.5 6.7
68	4.3	4.0 6.0



#22
Acetophenone
Concen: 12.084 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:105	Resp:	101949
Ion Ratio	Lower	Upper
105	100	
71	8.7	5.7 8.5#
51	24.3	22.1 33.1
120	20.4	17.1 25.7

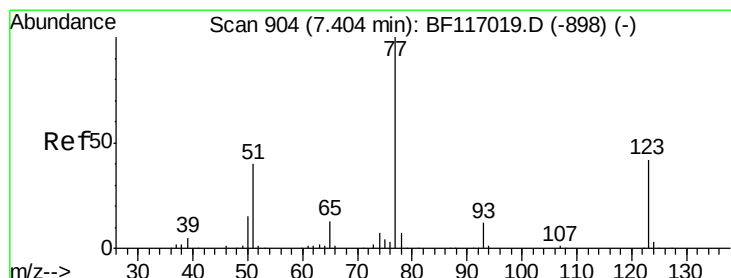
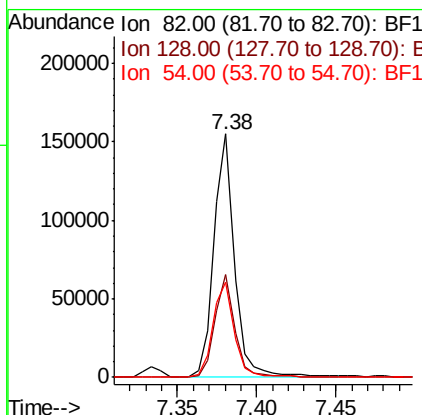
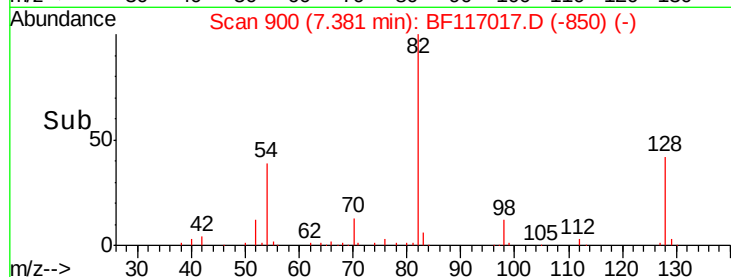
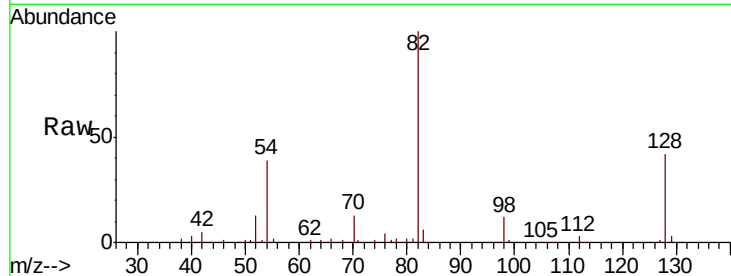




#23
 Nitrobenzene-d5
 Concen: 23.064 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

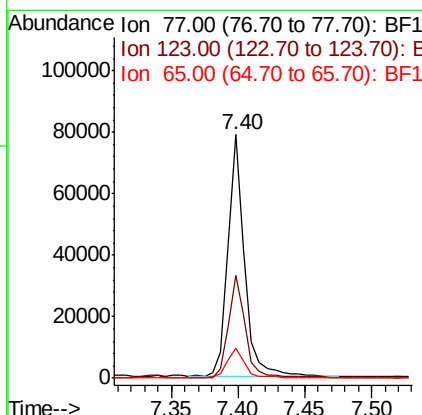
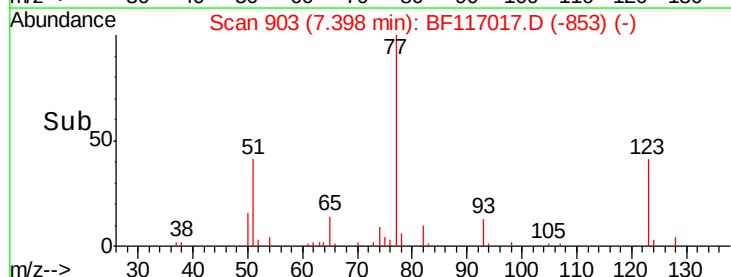
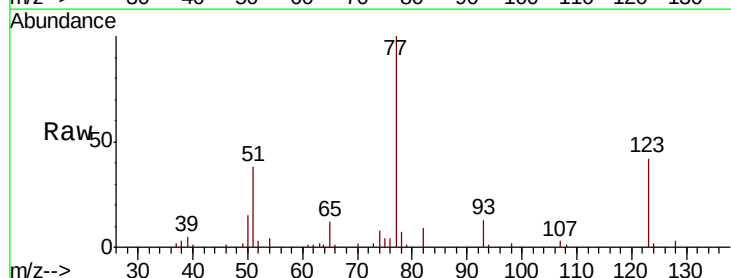
Instrument :
 BNA_F
 ClientSampleId :

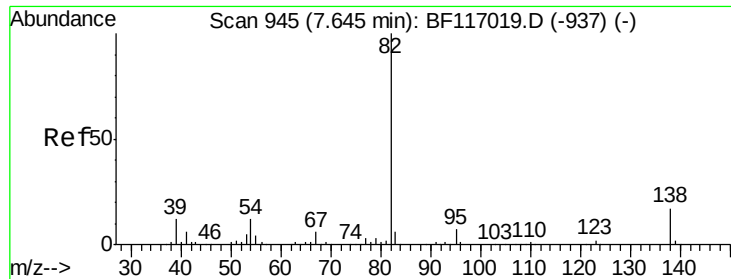
Tot Ion: 82 Resp: 141572
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.3 48.5
 54 39.2 33.3 49.9



#24
 Nitrobenzene
 Concen: 11.217 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion: 77 Resp: 70027
 Ion Ratio Lower Upper
 77 100
 123 42.1 33.5 50.3
 65 12.4 10.5 15.7





#25

Isophorone

Concen: 10.588 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

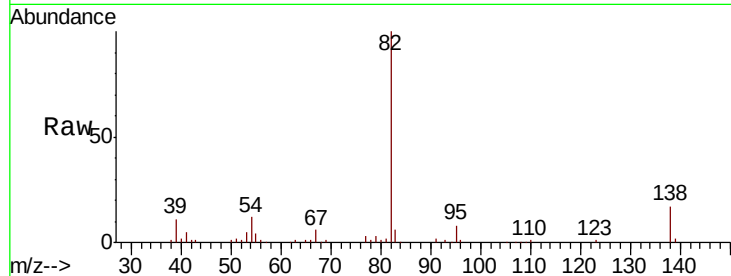
Tot Ion: 82 Resp: 131703

Ion Ratio Lower Upper

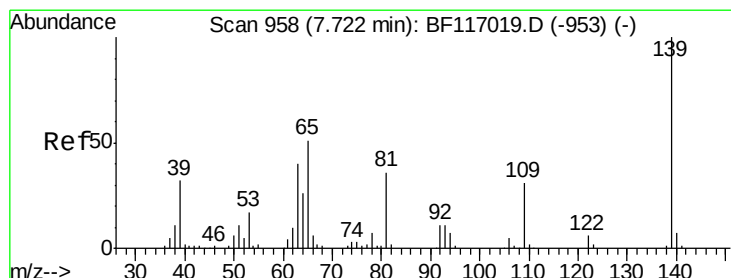
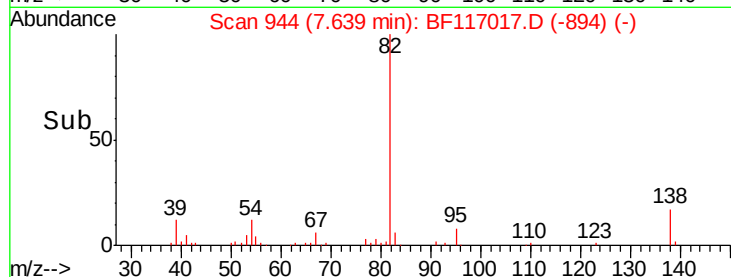
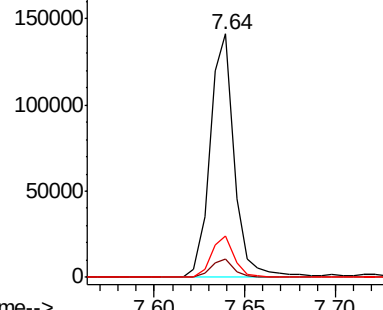
82 100

95 7.7 5.8 8.6

138 17.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 11.253 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

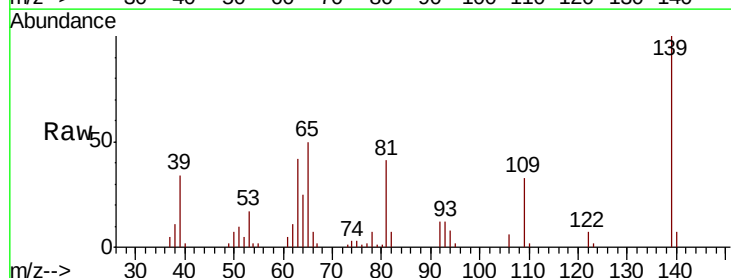
Tgt Ion: 139 Resp: 26119

Ion Ratio Lower Upper

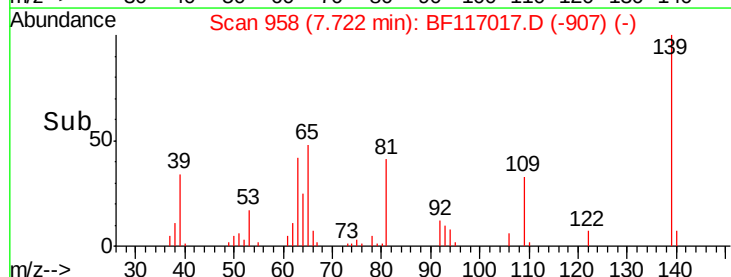
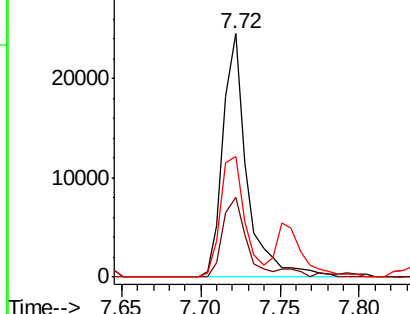
139 100

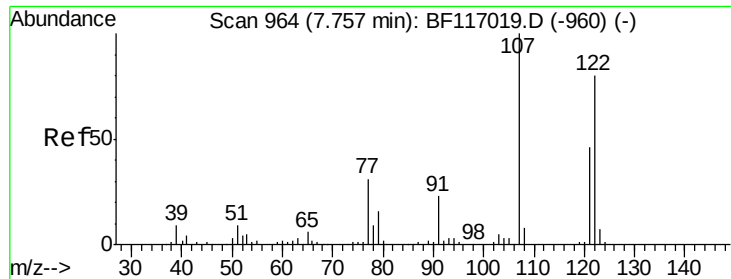
109 32.8 24.6 36.8

65 49.7 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 10.537 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

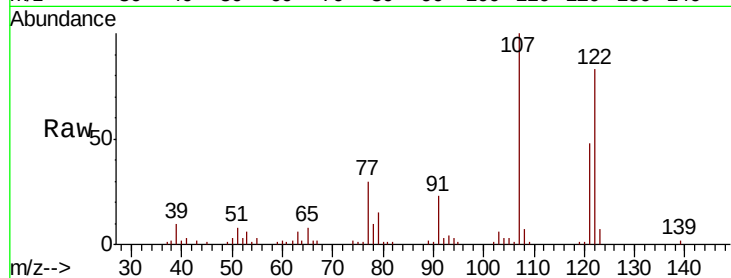
Tot Ion:122 Resp: 49391

Ion Ratio Lower Upper

122 100

107 120.5 98.9 148.3

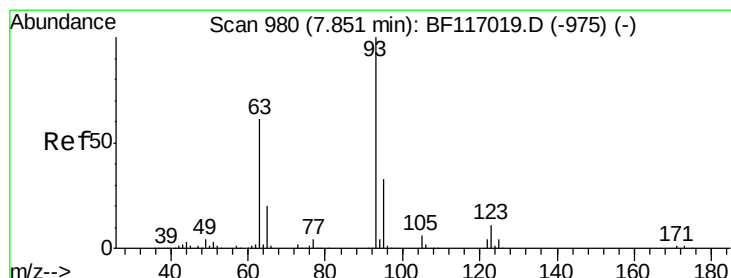
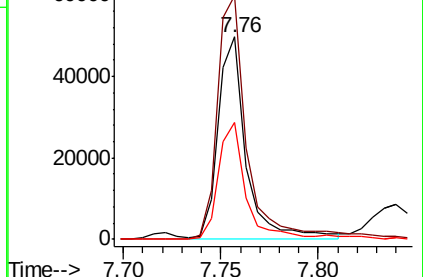
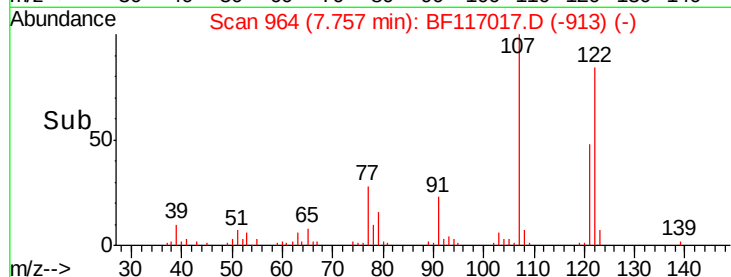
121 57.8 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.811 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

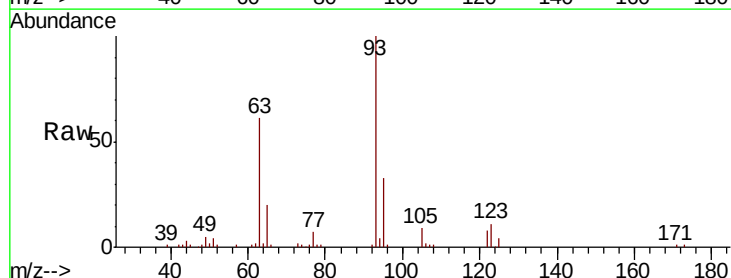
Tgt Ion: 93 Resp: 82173

Ion Ratio Lower Upper

93 100

95 33.5 26.2 39.4

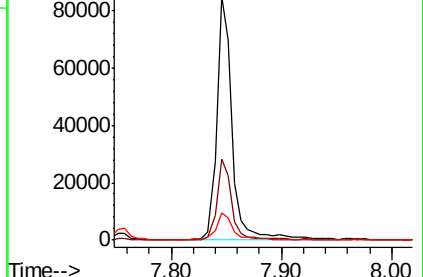
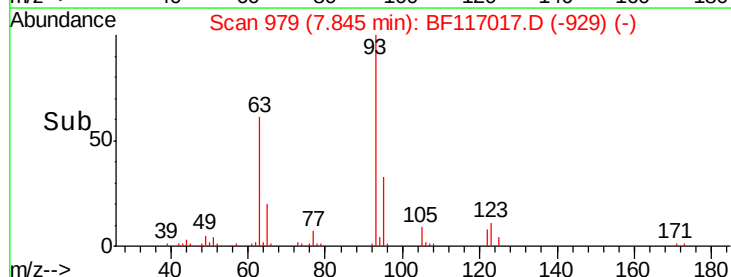
123 11.2 9.0 13.6

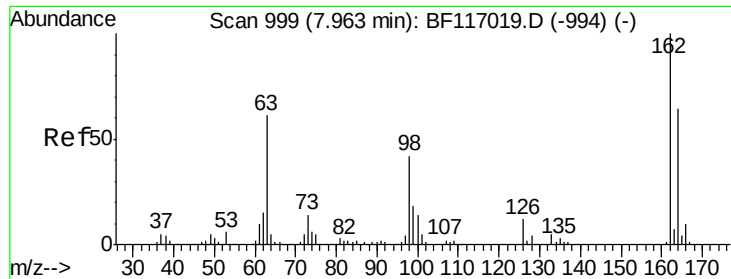


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

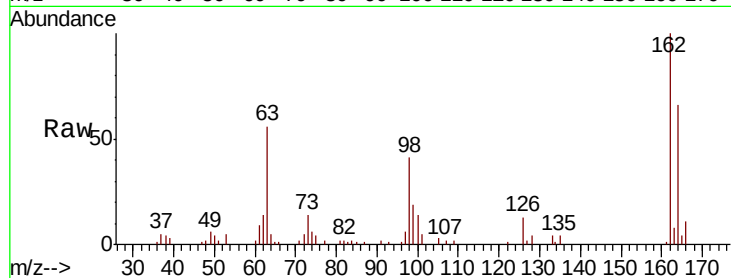




#29
 2,4-Dichlorophenol
 Concen: 11.143 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	41.2	22.1	62.1

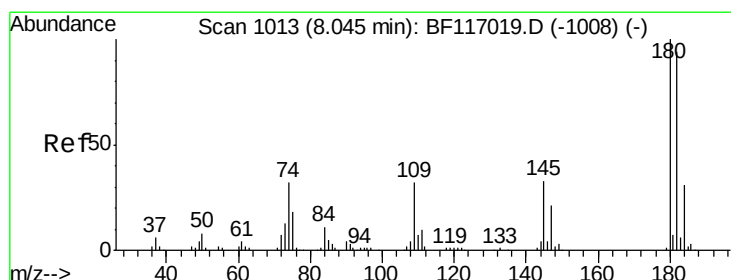
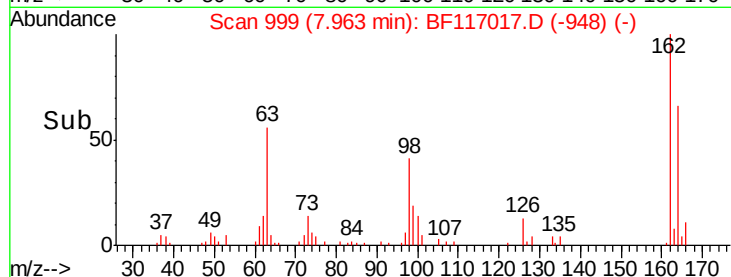
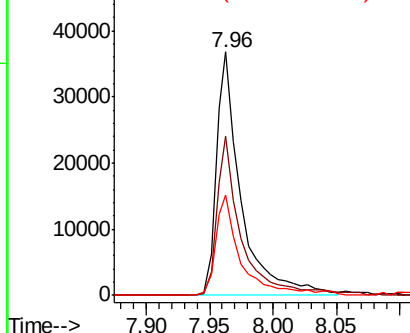


Abundance

Ion 162.00 (161.70 to 162.70): E

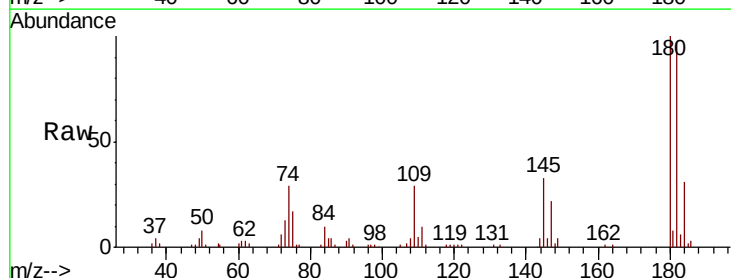
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 11.717 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.4	113.0
145	32.7	26.7	40.1

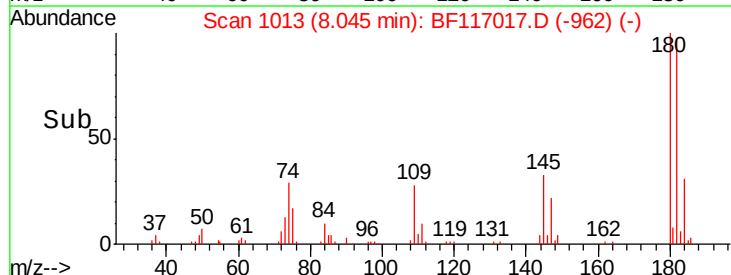
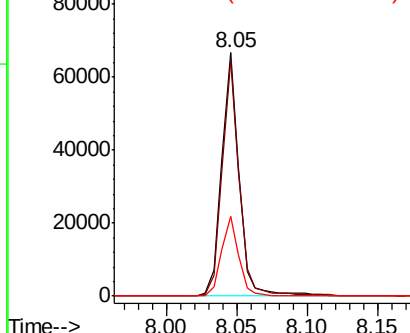


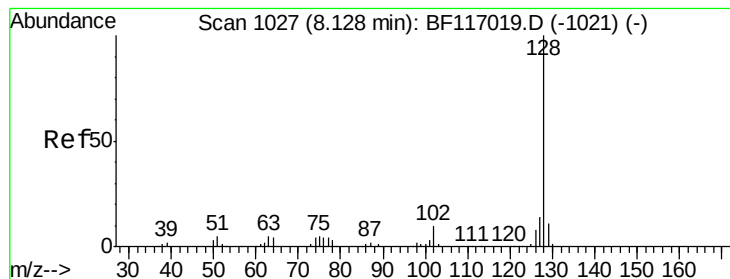
Abundance

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: 11.553 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

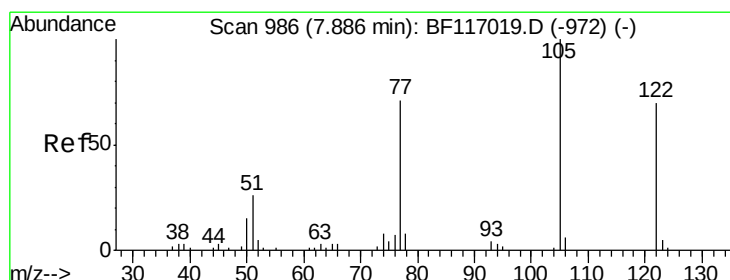
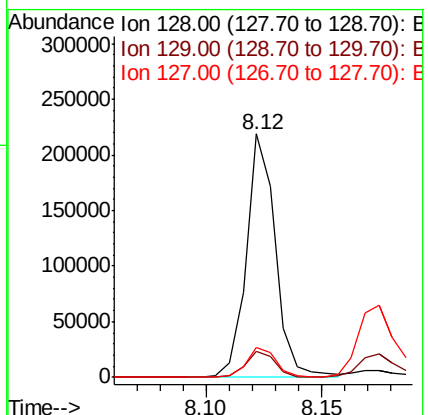
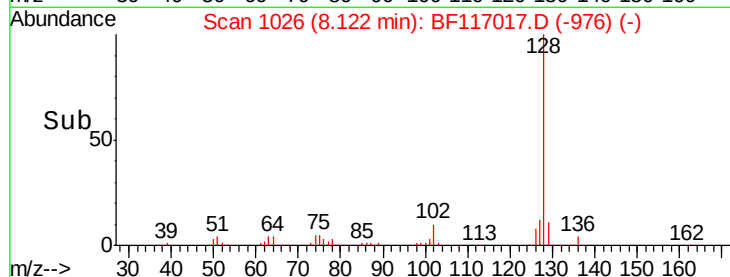
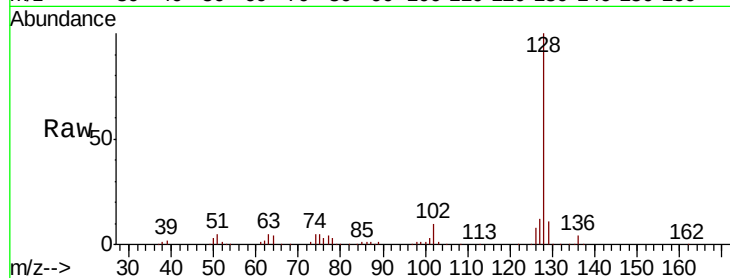
Tot Ion:128 Resp: 192508

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 12.4 10.8 16.2



#32

Benzoic acid

Concen: 8.906 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.05 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

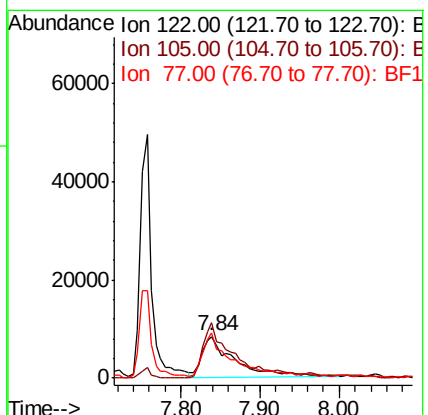
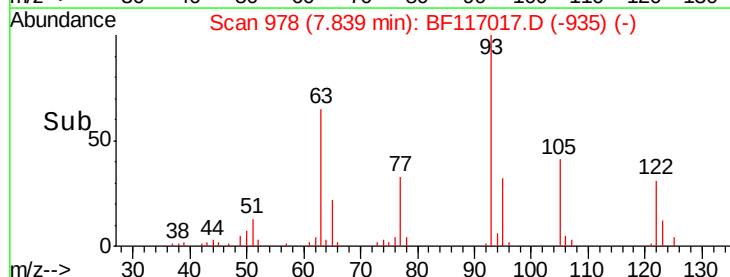
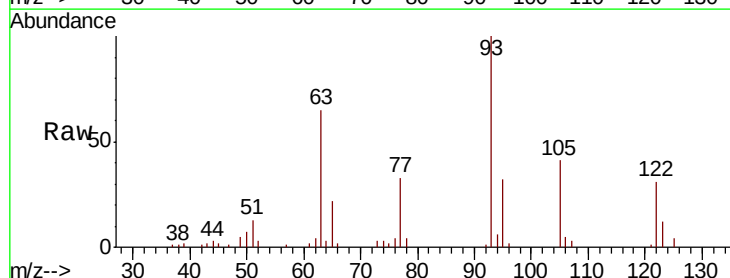
Tgt Ion:122 Resp: 23573

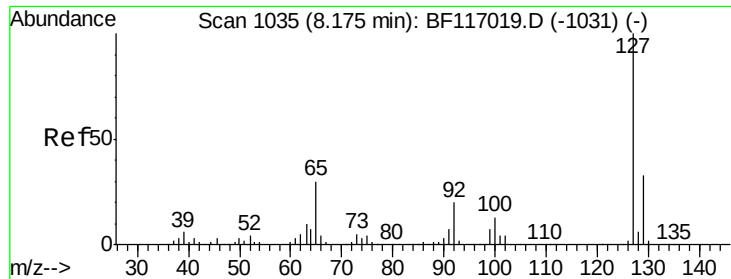
Ion Ratio Lower Upper

122 100

105 131.3 114.8 154.8

77 108.1 78.7 118.7

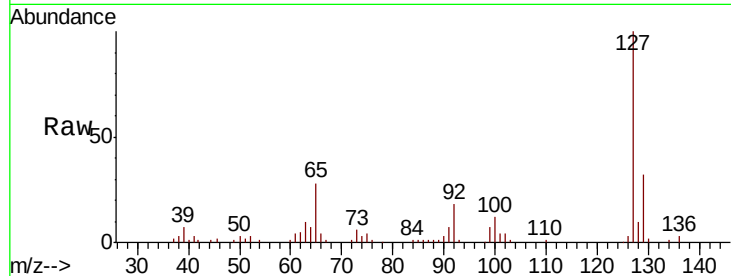




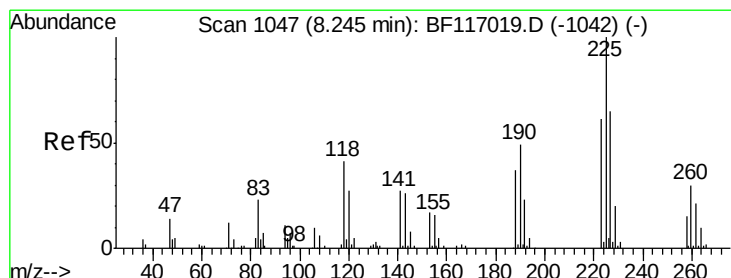
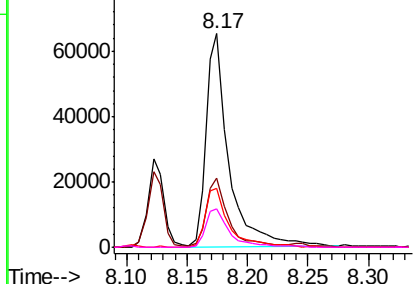
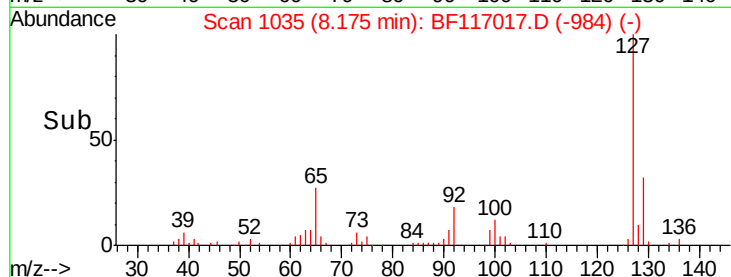
#33
4-Chloroaniline
Concen: 11.077 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	84019
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	27.7	23.5	35.3
92	18.2	15.9	23.9

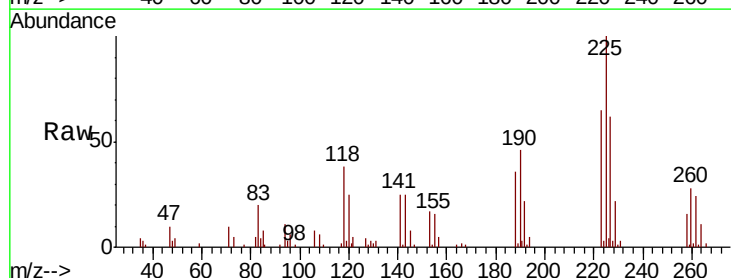


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

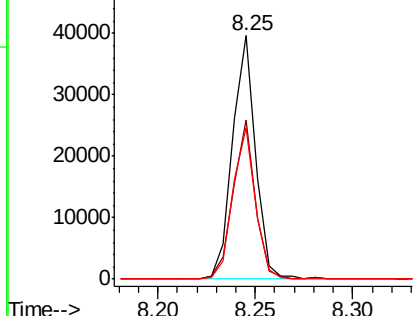
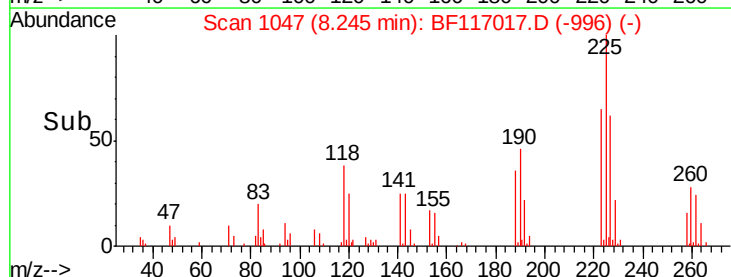


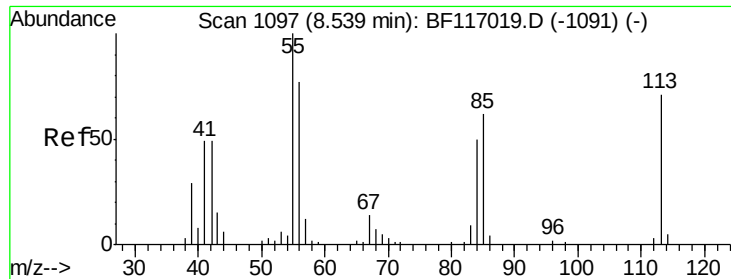
#34
Hexachlorobutadiene
Concen: 12.173 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:	225	Resp:	32430
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.1	73.7
227	62.4	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

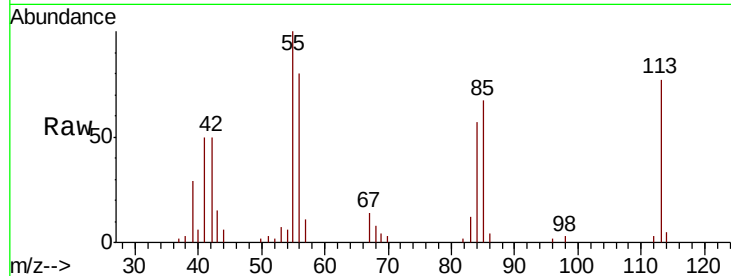




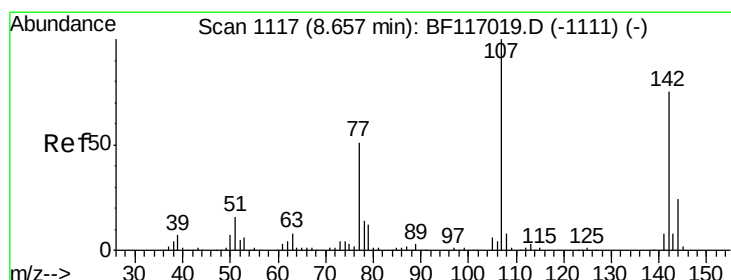
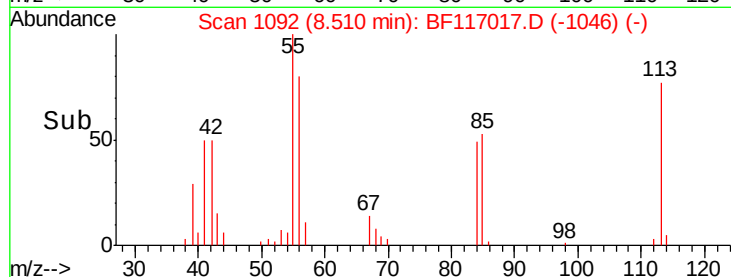
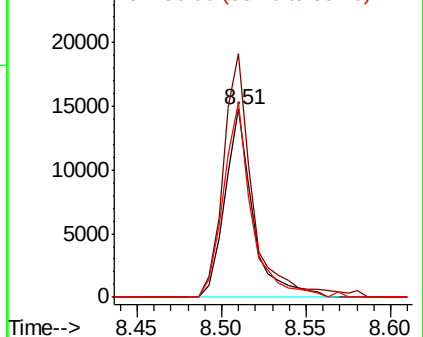
#35
Caprolactam
Concen: 10.051 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.03 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 16945
Ion Ratio Lower Upper
113 100
55 129.2 120.6 160.6
56 103.8 88.8 128.8

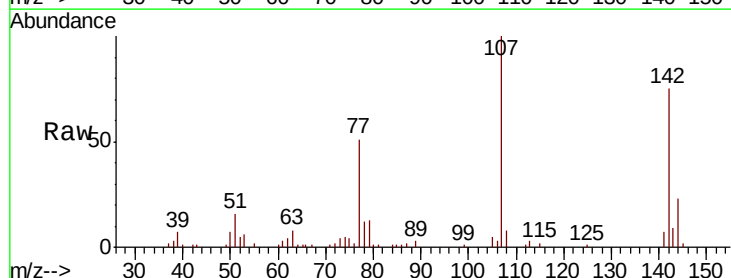


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

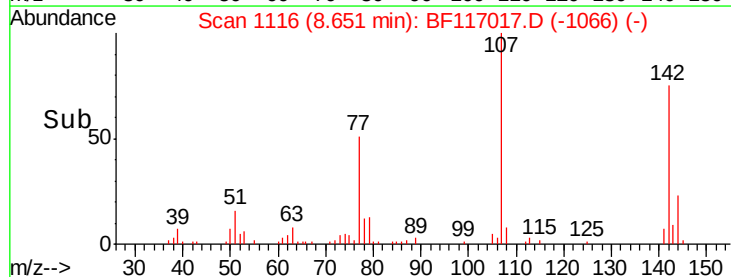
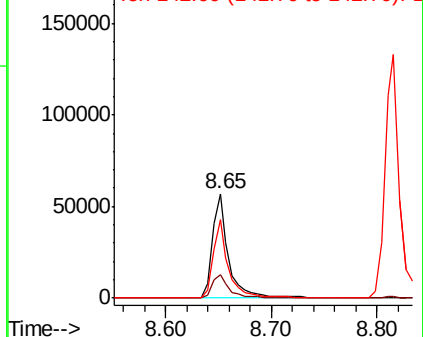


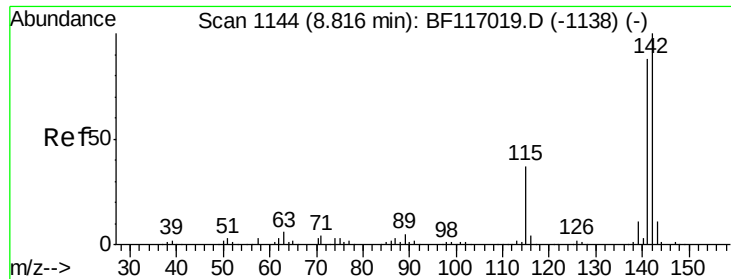
#36
4-Chloro-3-methylphenol
Concen: 11.937 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:107 Resp: 61802
Ion Ratio Lower Upper
107 100
144 22.7 19.2 28.8
142 75.0 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

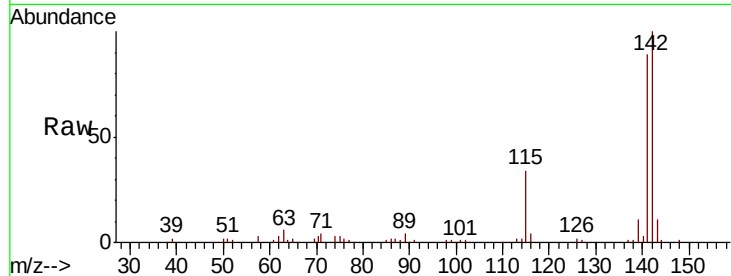




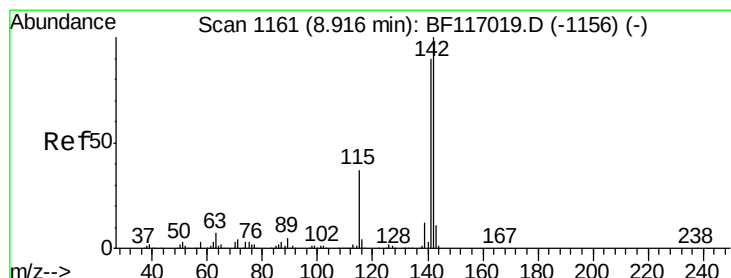
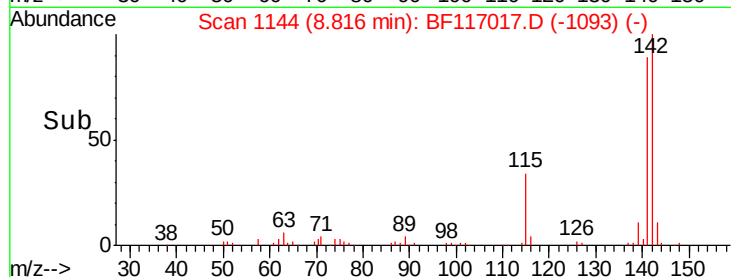
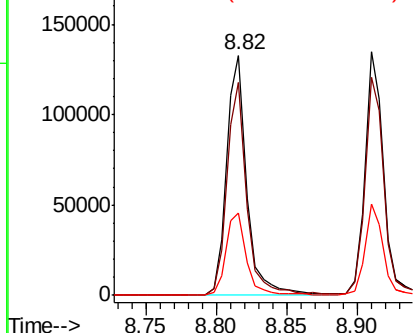
#37
2-Methylnaphthalene
Concen: 11.991 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.7	106.1
115	34.4	29.4	44.0

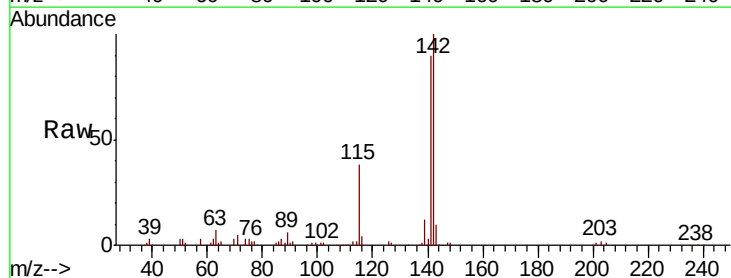


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

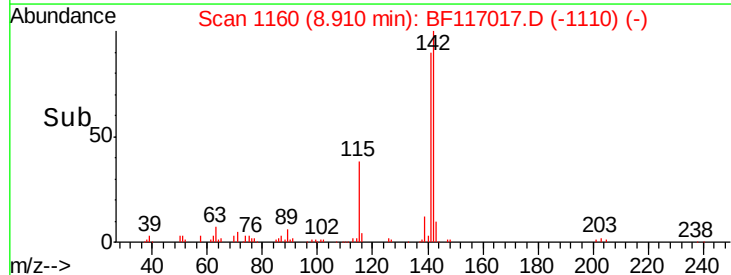
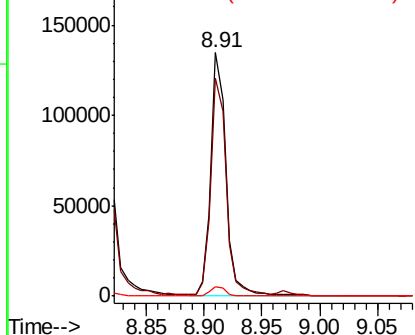


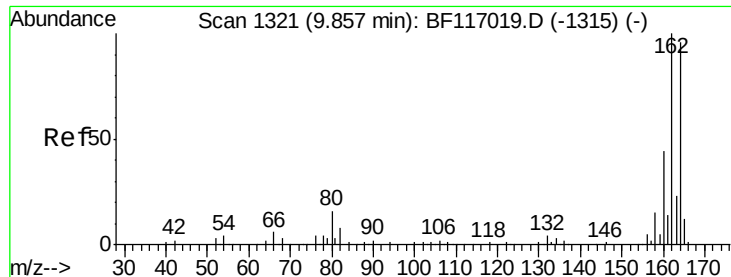
#38
1-Methylnaphthalene
Concen: 11.987 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
116	4.1	3.2	4.8



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

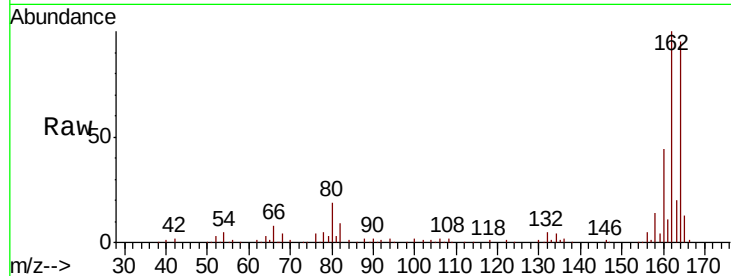




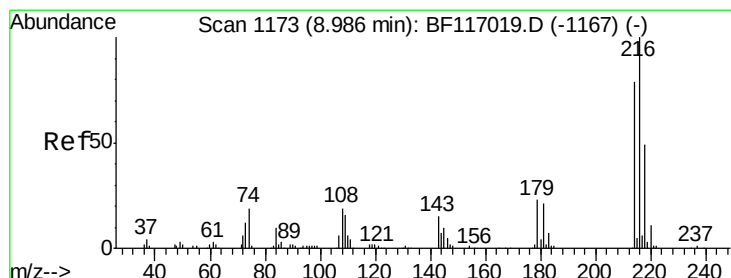
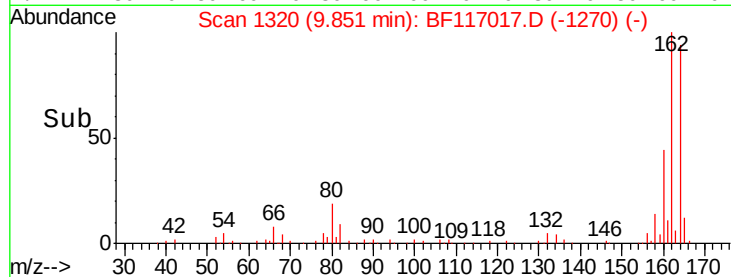
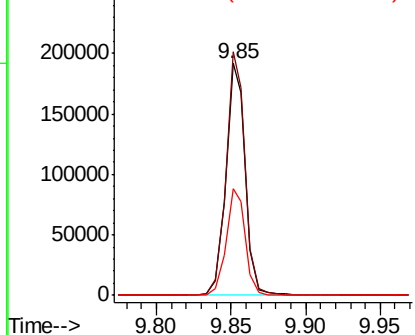
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 175829
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.4 125.2
 160 46.0 36.4 54.6

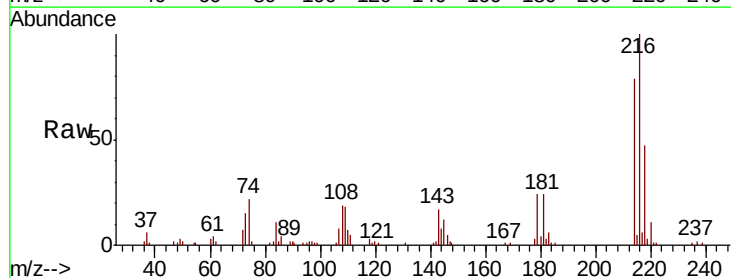


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

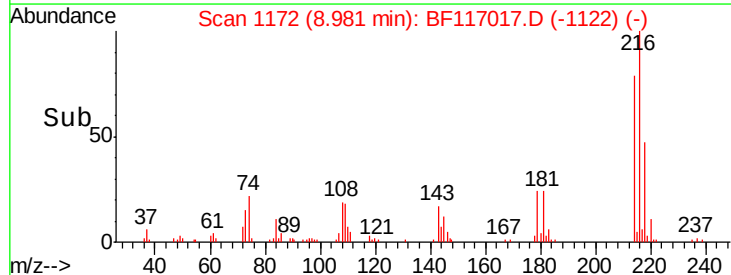
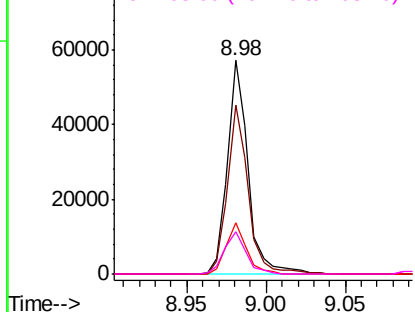


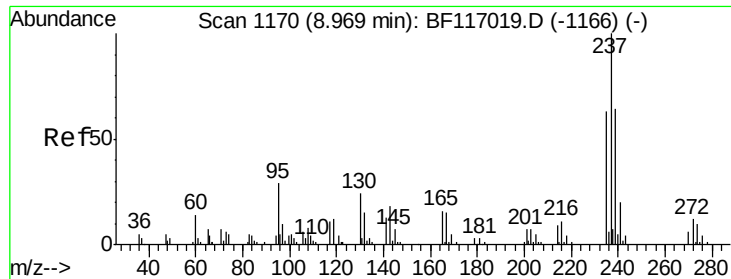
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.273 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion:216 Resp: 51731
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.6 95.4
 179 23.1 18.3 27.5
 108 20.8 17.8 26.6



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

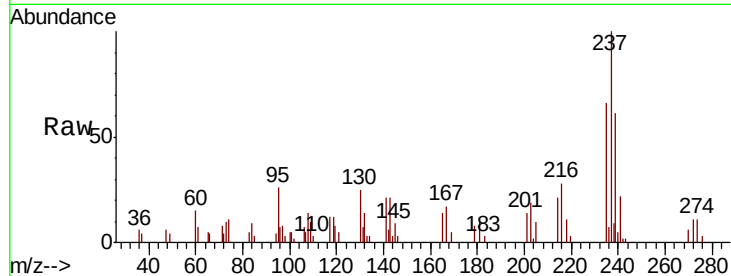




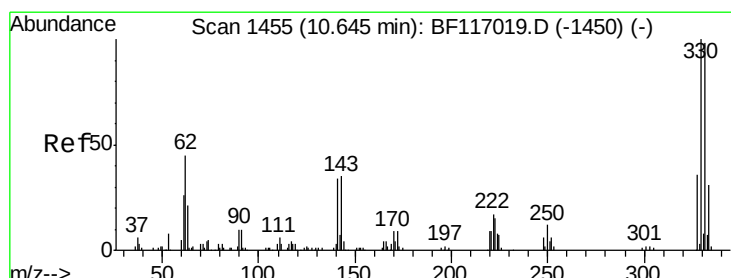
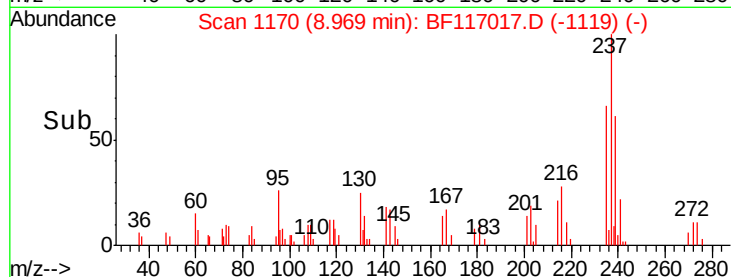
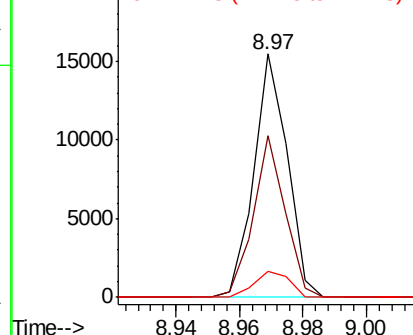
#41
Hexachlorocyclopentadiene
Concen: 4.638 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 11288
Ion Ratio Lower Upper
237 100
235 66.5 43.2 83.2
272 10.6 0.0 31.9

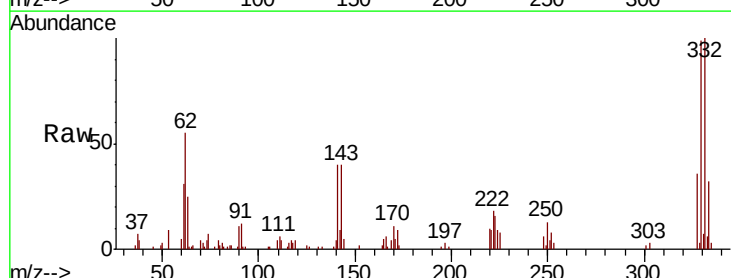


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

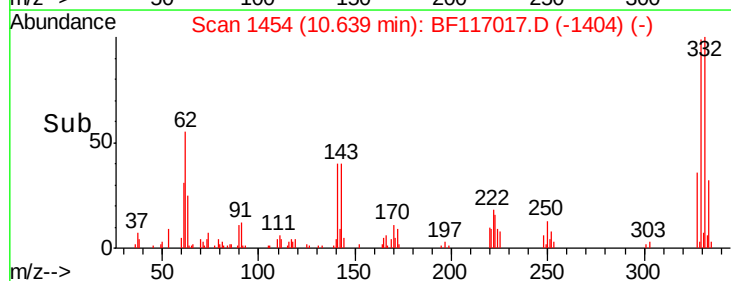
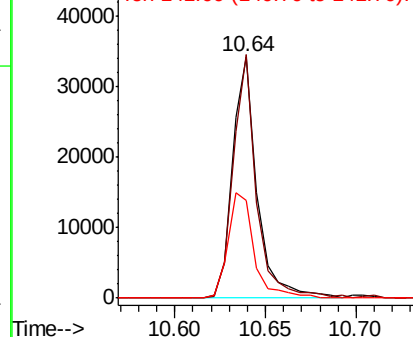


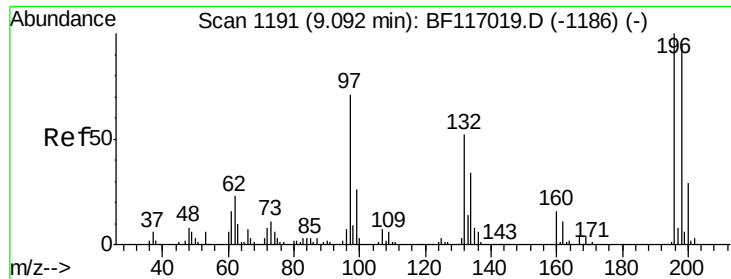
#42
2,4,6-Tribromophenol
Concen: 27.468 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:330 Resp: 32287
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 46.4 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

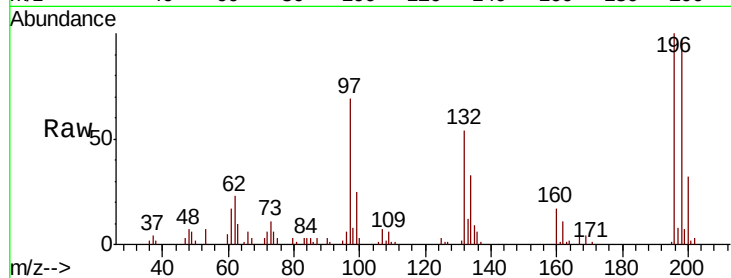




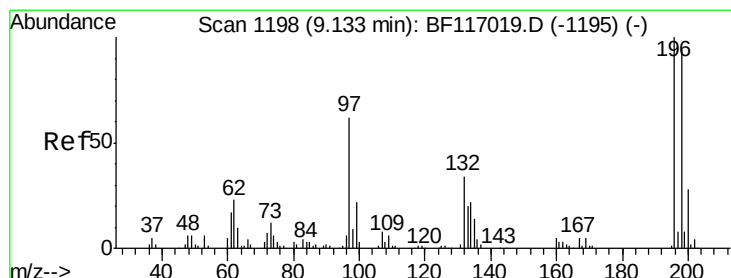
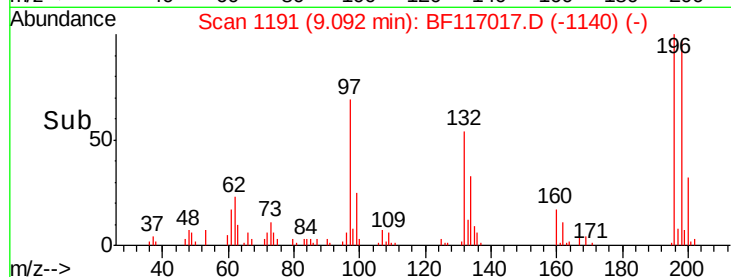
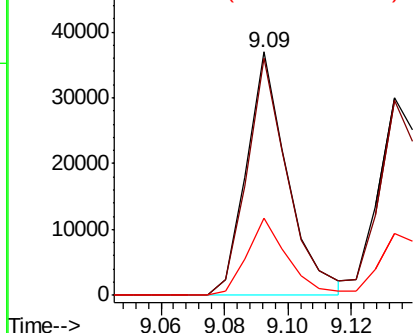
#43
 2,4,6-Trichlorophenol
 Concen: 11.485 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 33185
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 200 31.8 23.3 34.9

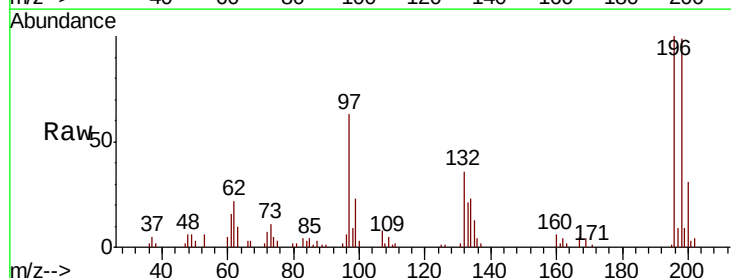


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

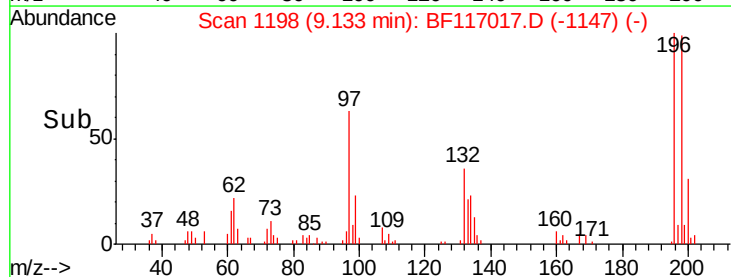
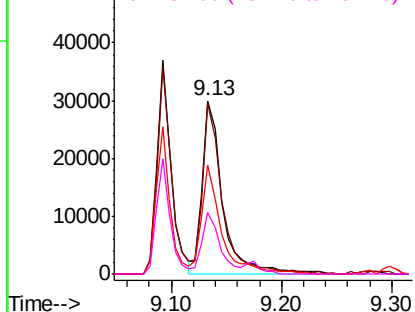


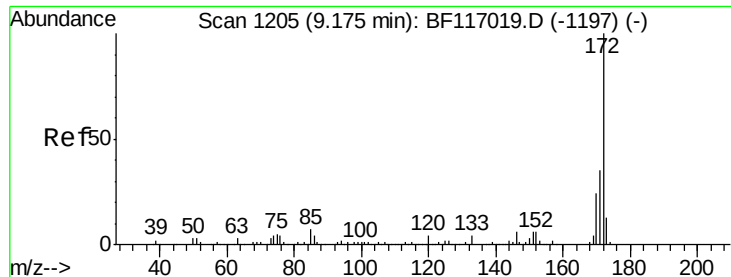
#44
 2,4,5-Trichlorophenol
 Concen: 12.485 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion:196 Resp: 37451
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.6 112.0
 97 62.7 49.5 74.3
 132 35.7 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

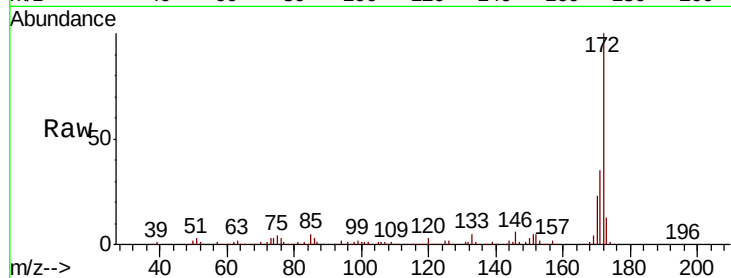




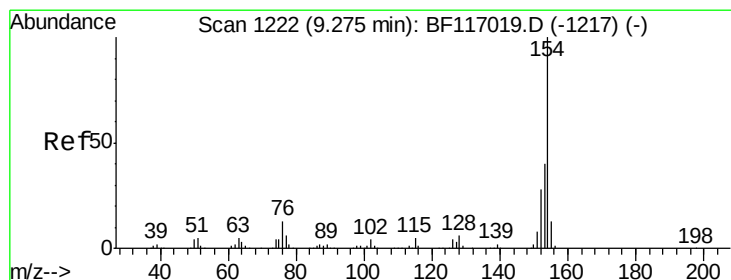
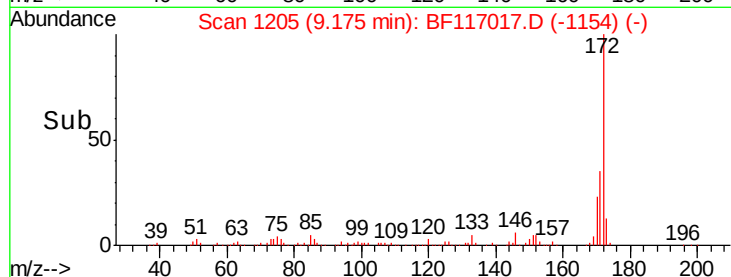
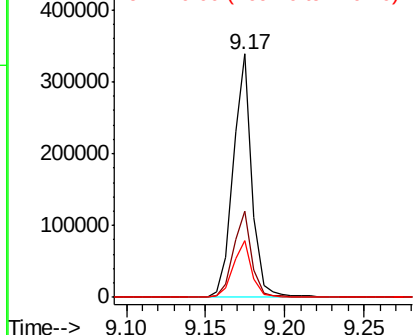
#45
2-Fluorobiphenyl
Concen: 26.483 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 276041
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 18.9 28.3

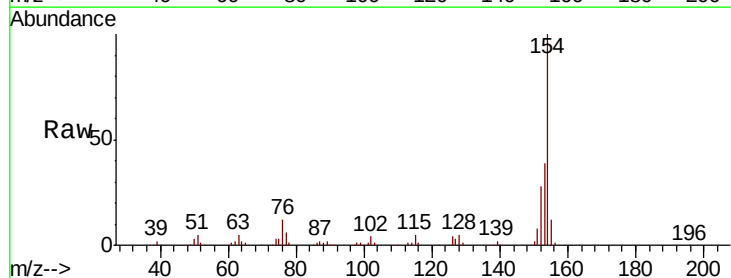


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

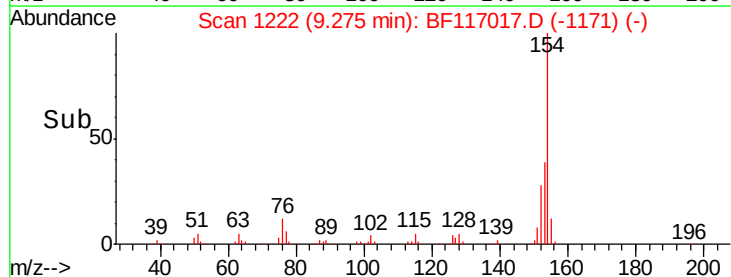
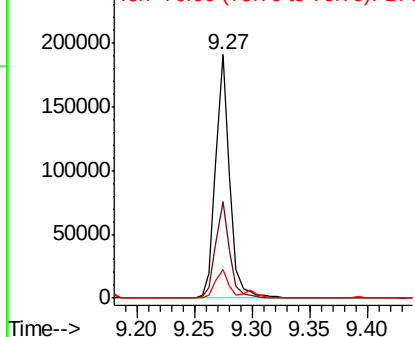


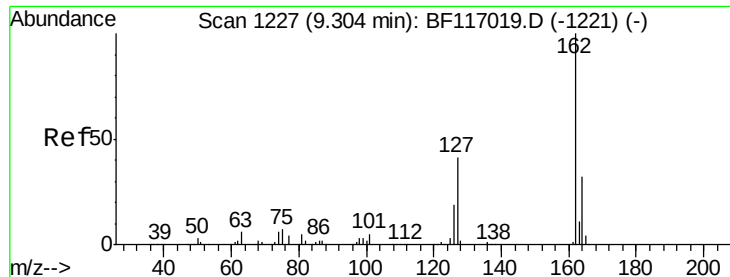
#46
1,1'-Biphenyl
Concen: 12.126 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:154 Resp: 161789
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 11.8 0.0 32.7



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

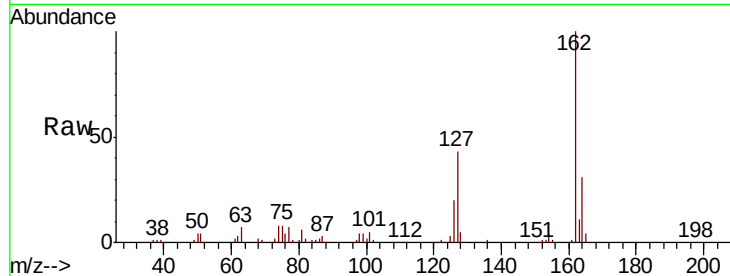




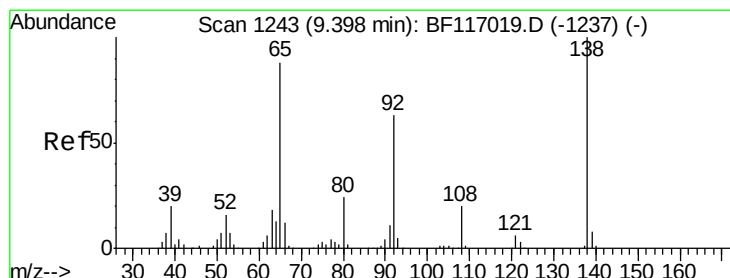
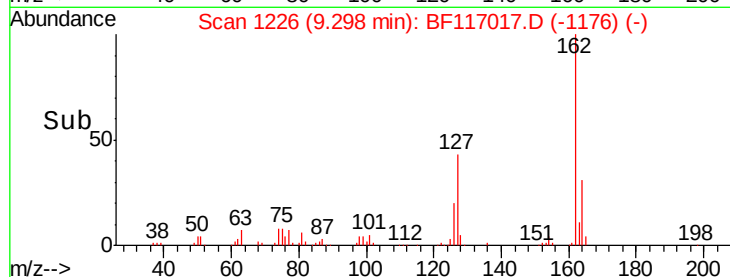
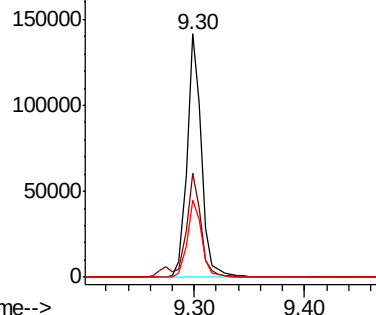
#47
 2-Chloronaphthalene
 Concen: 12.108 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	127946
Ion	Ratio	Lower	Upper
162	100		
127	42.7	34.1	51.1
164	31.5	25.9	38.9

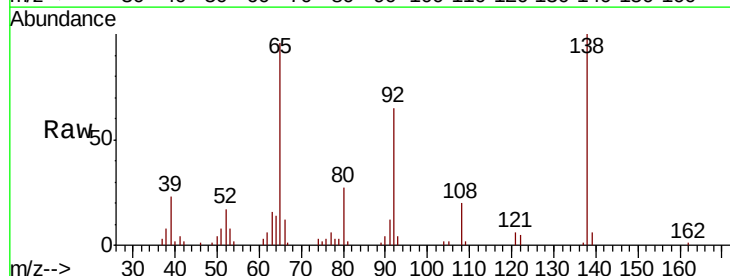


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

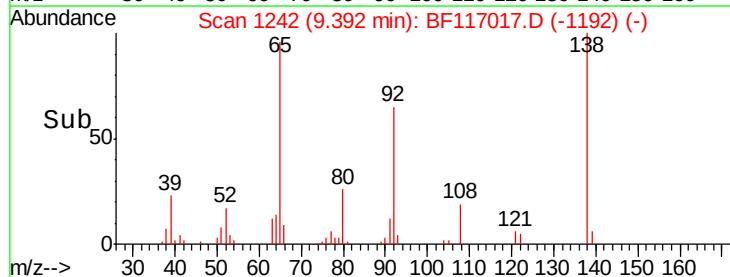
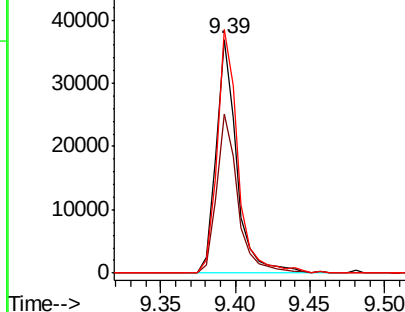


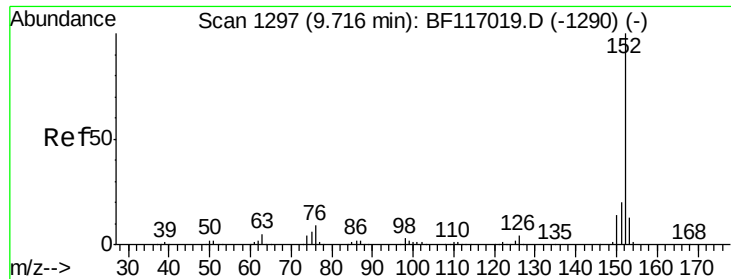
#48
 2-Nitroaniline
 Concen: 11.663 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion:	65	Resp:	35631
Ion	Ratio	Lower	Upper
65	100		
92	68.2	57.5	86.3
138	104.2	90.6	136.0



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





#49

Acenaphthylene

Concen: 11.905 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

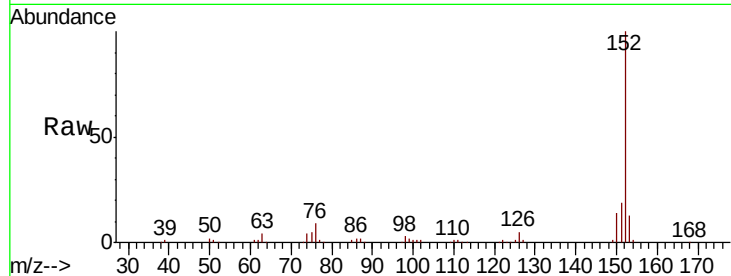
Tot Ion:152 Resp: 190171

Ion Ratio Lower Upper

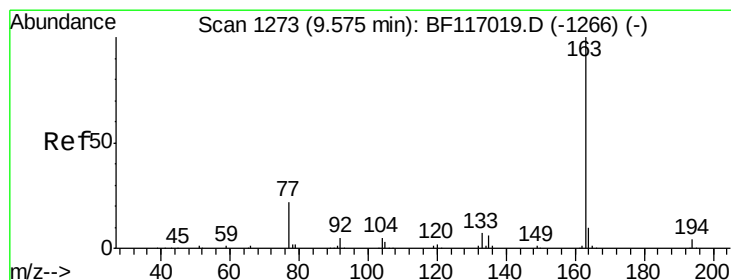
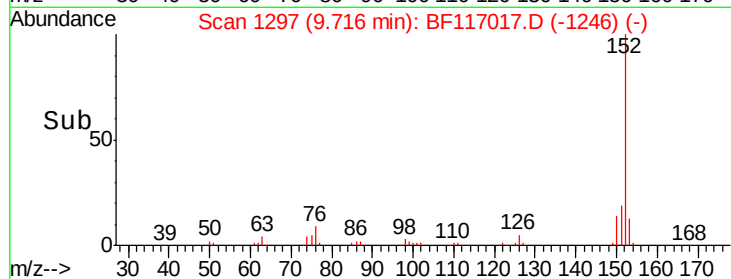
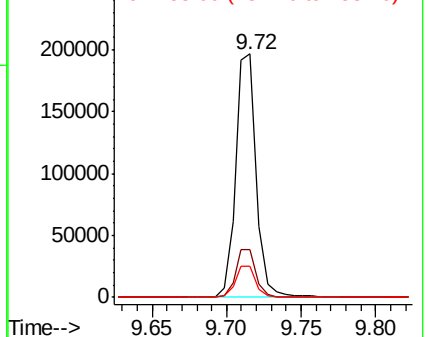
152 100

151 19.4 16.2 24.2

153 12.9 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: 11.665 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

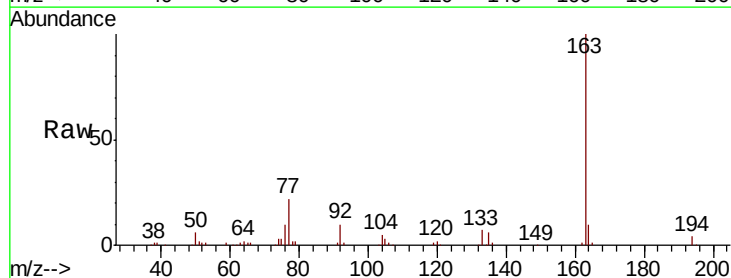
Tgt Ion:163 Resp: 141609

Ion Ratio Lower Upper

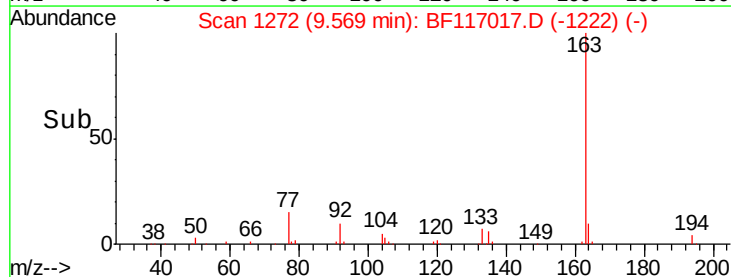
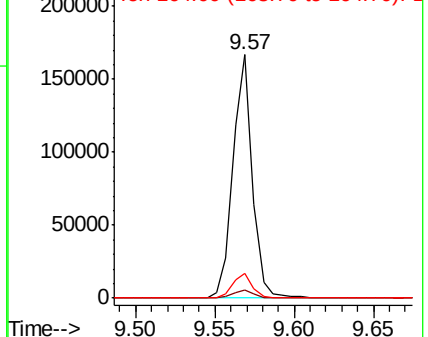
163 100

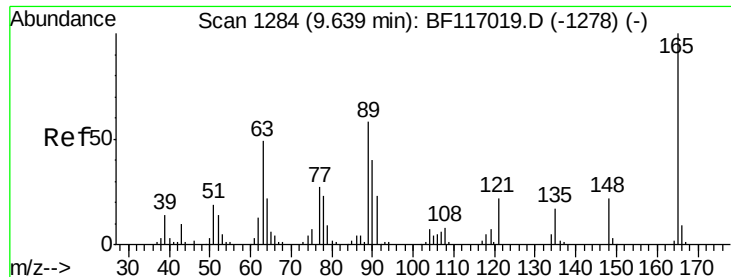
194 3.5 2.9 4.3

164 10.0 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

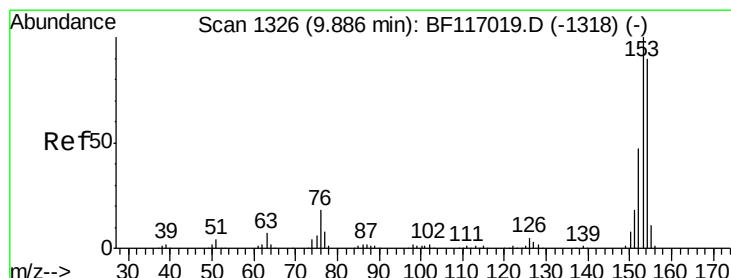
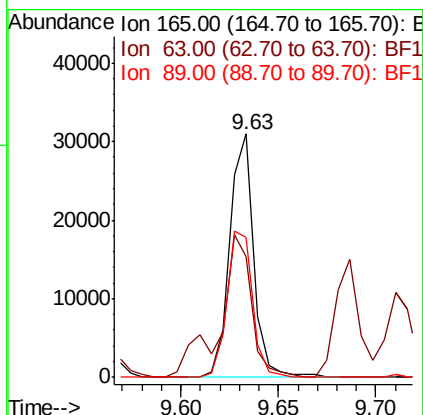
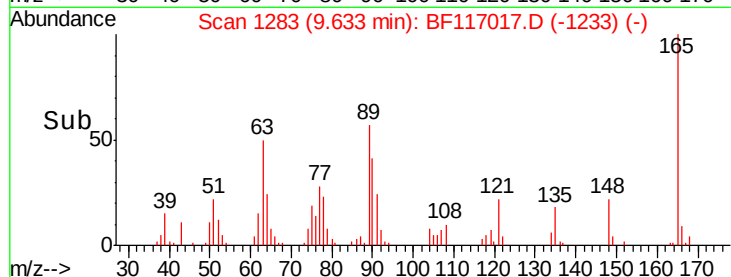
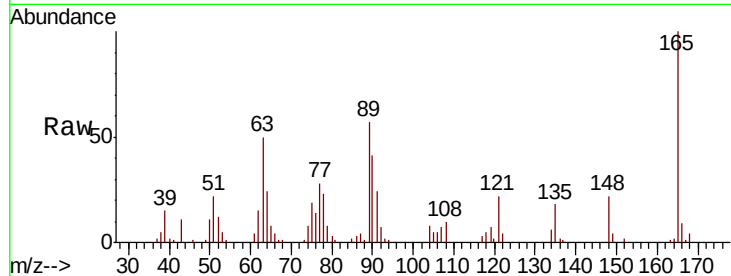




#51
 2,6-Dinitrotoluene
 Concen: 11.367 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

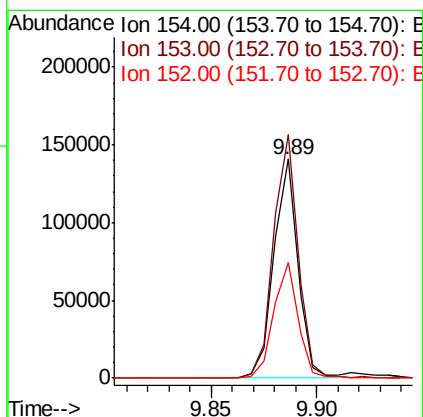
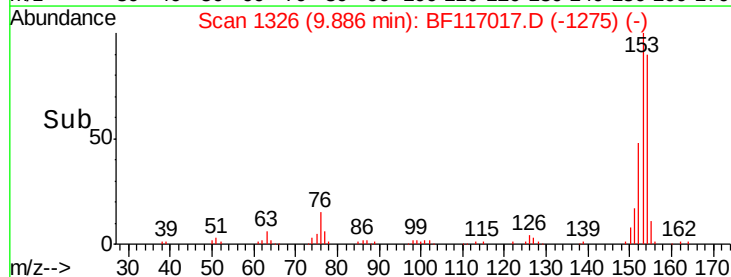
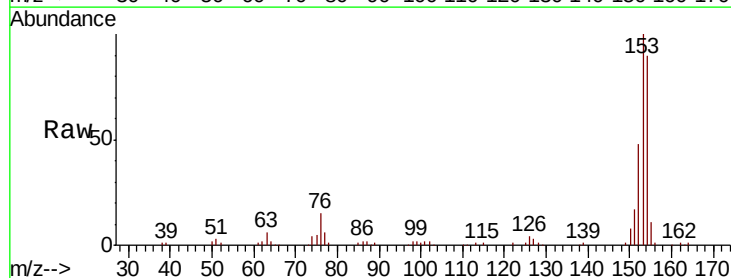
Instrument :
 BNA_F
 ClientSampled :

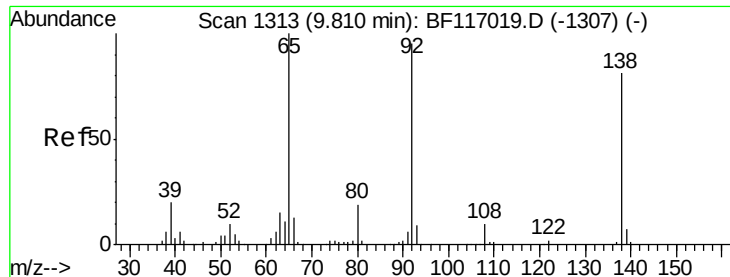
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	41.8	62.8
89	57.3	46.5	69.7



#52
 Acenaphthene
 Concen: 11.433 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.6
152	53.1	41.9	62.9

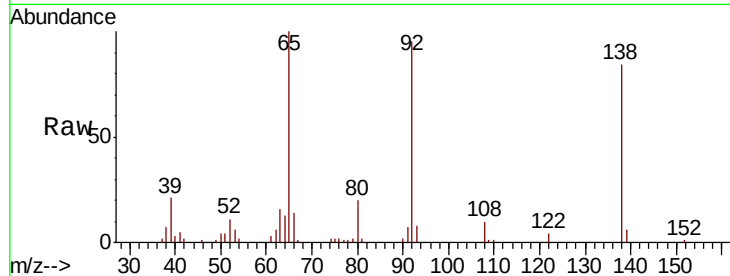




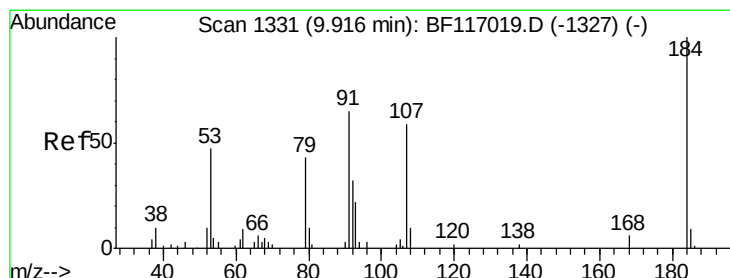
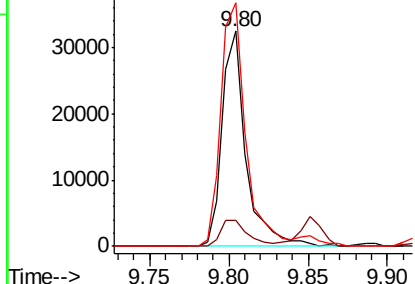
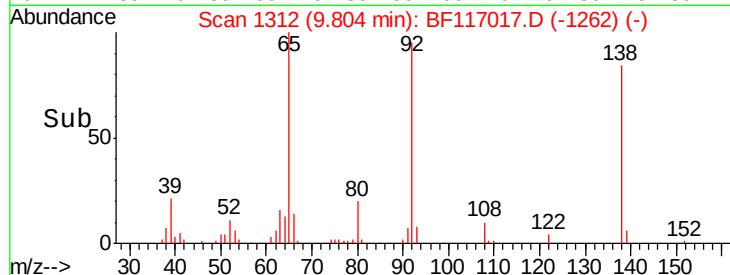
#53
3-Nitroaniline
Concen: 11.658 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 33838
Ion Ratio Lower Upper
138 100
108 11.8 9.5 14.3
92 113.0 94.1 141.1

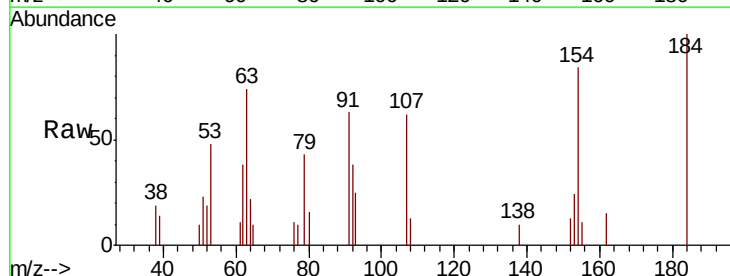


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

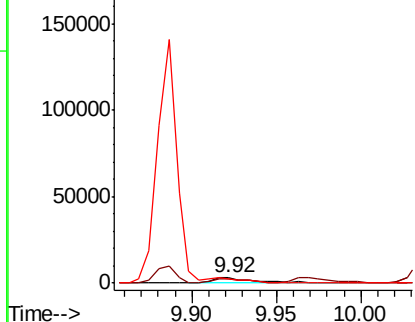
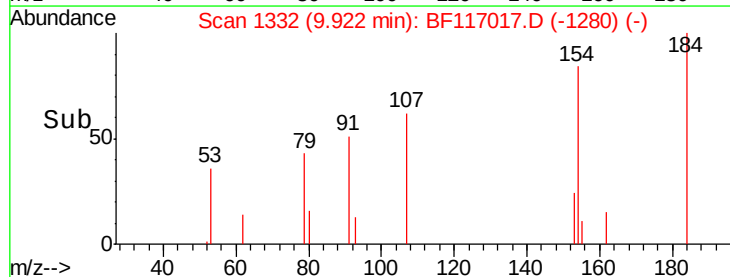


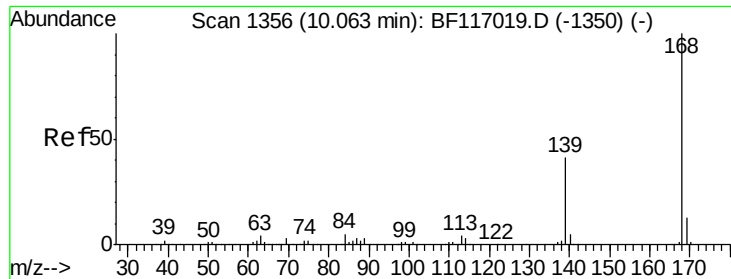
#54
2,4-Dinitrophenol
Concen: 7.651 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:184 Resp: 5206
Ion Ratio Lower Upper
184 100
63 74.2 63.8 95.6
154 83.5 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

Dibenzofuran

Concen: 12.298 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

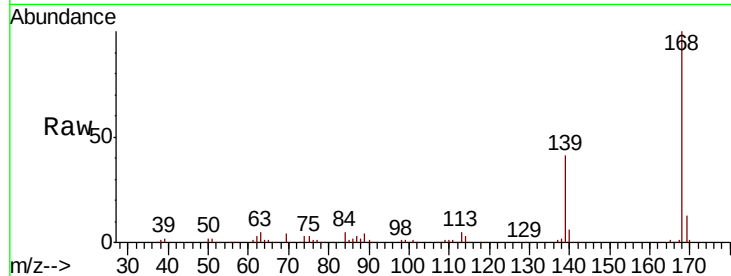
Tot Ion:168 Resp: 170163

Ion Ratio Lower Upper

168 100

139 41.3 32.8 49.2

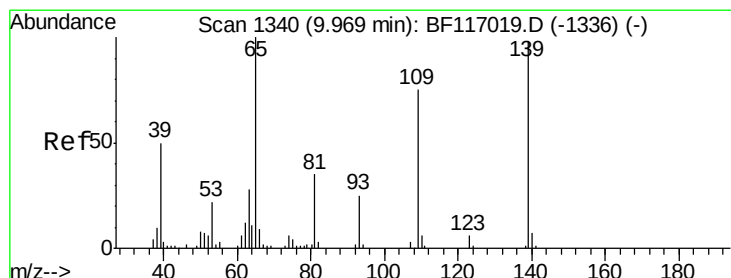
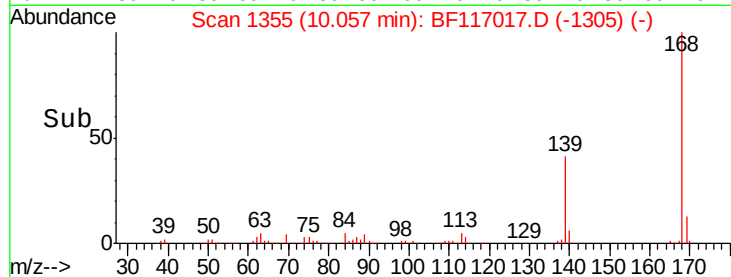
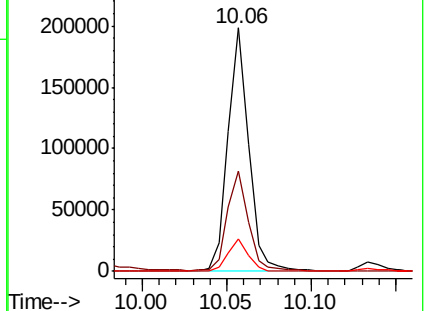
169 13.4 10.5 15.7



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: 9.301 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

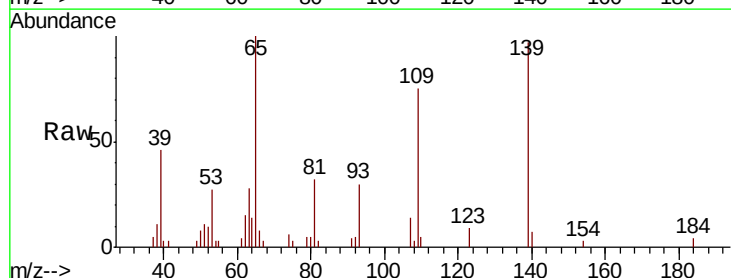
Tgt Ion:139 Resp: 18510

Ion Ratio Lower Upper

139 100

109 77.8 56.4 96.4

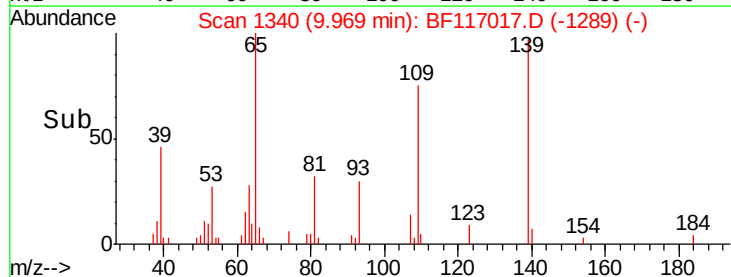
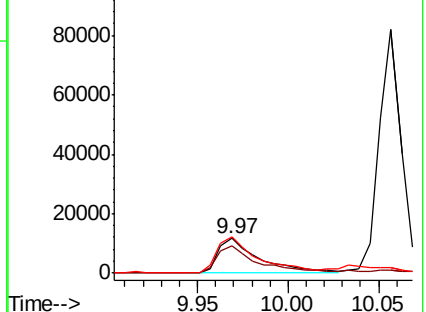
65 103.1 82.5 122.5

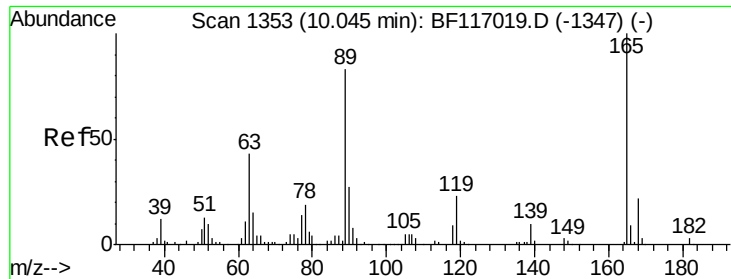


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

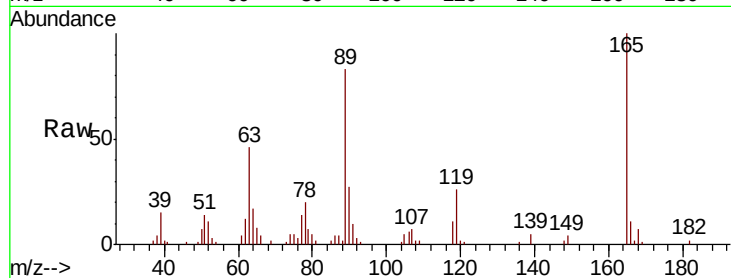




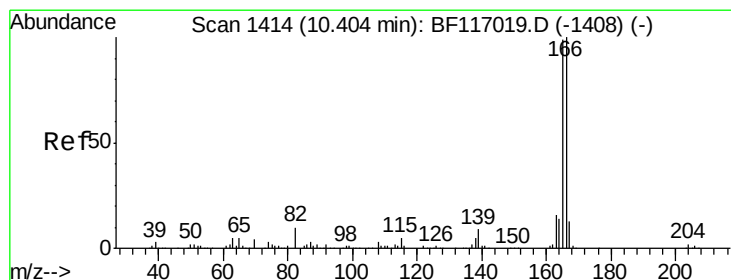
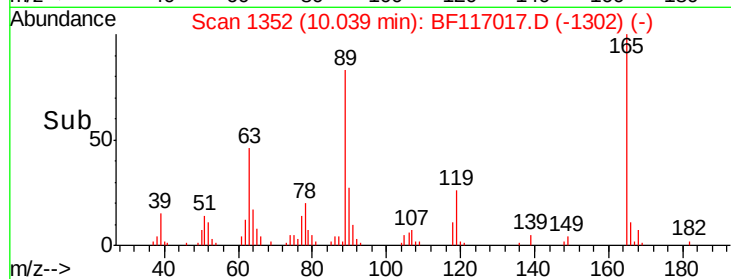
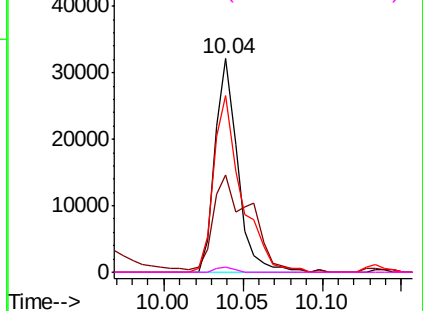
#57
2,4-Dinitrotoluene
Concen: 11.352 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	32149
Ion	Ratio	Lower Upper
165	100	
63	45.8	35.0 52.4
89	82.9	66.1 99.1
182	2.5	2.0 3.0

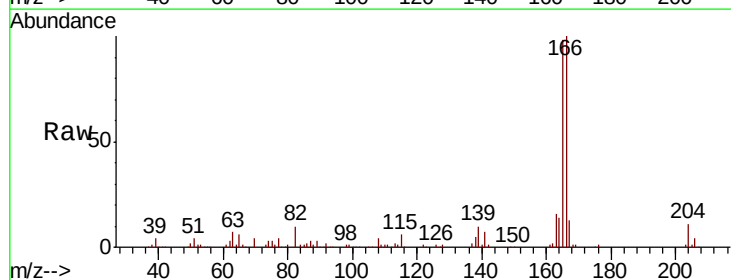


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

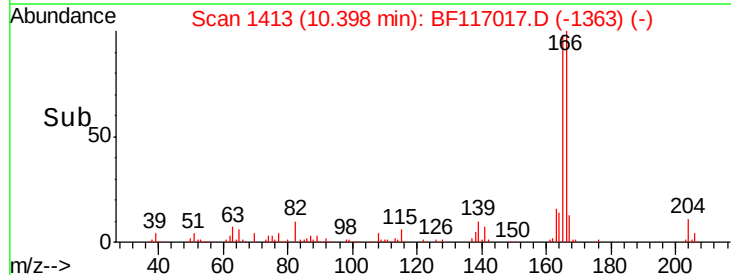
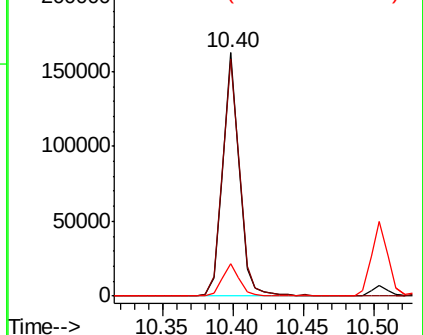


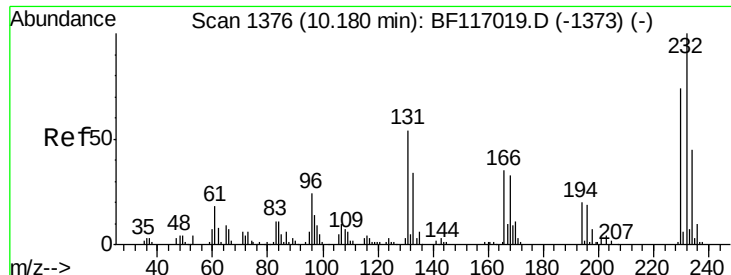
#58
Fluorene
Concen: 12.714 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:166	Resp:	134041
Ion	Ratio	Lower Upper
166	100	
165	97.6	78.9 118.3
167	13.4	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

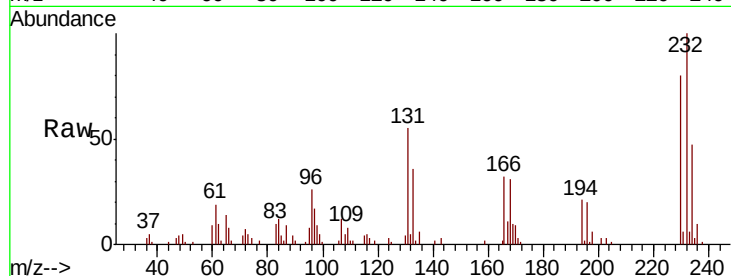




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.342 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.05 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.3	45.3	67.9
130	2.4	1.8	2.8
166	30.2	29.4	44.2



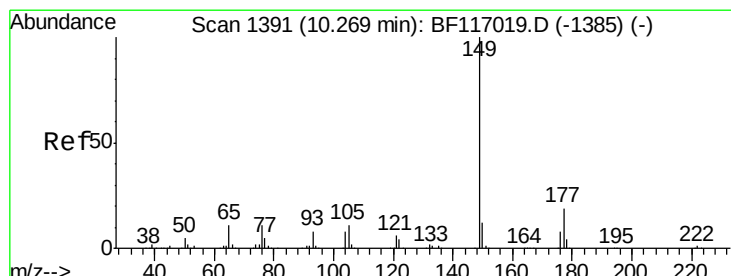
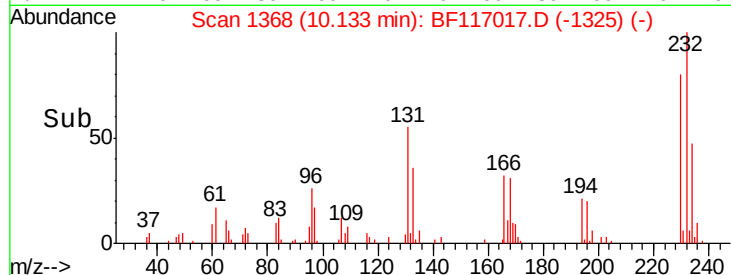
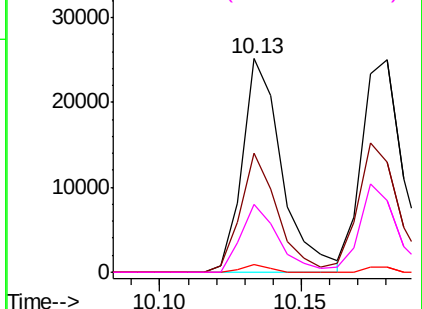
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

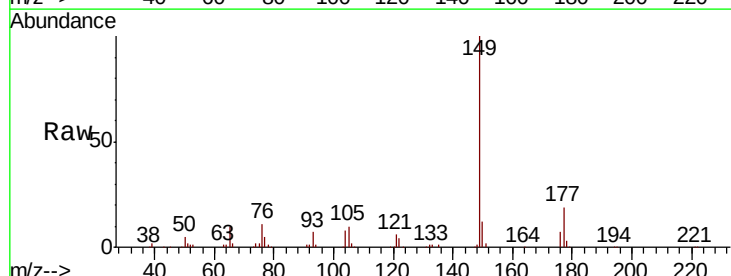
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 11.636 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.1	15.2	22.8
150	12.0	9.9	14.9

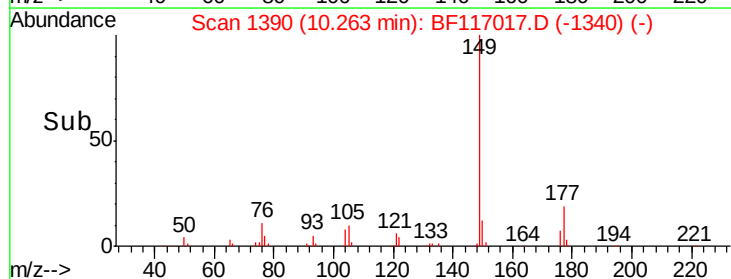
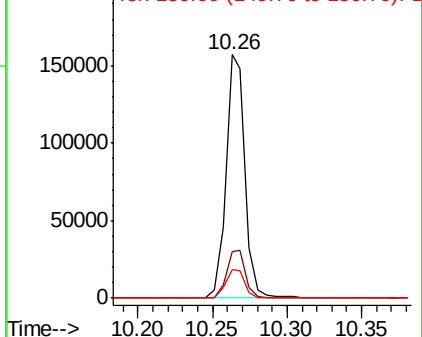


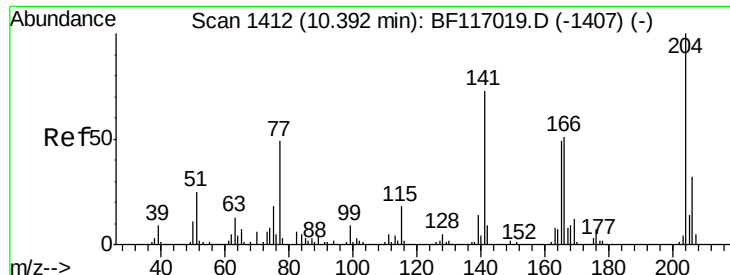
Abundance

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

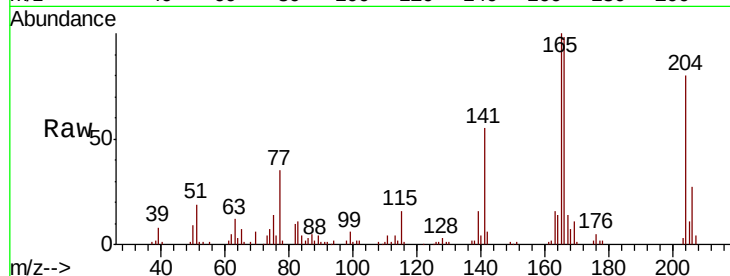




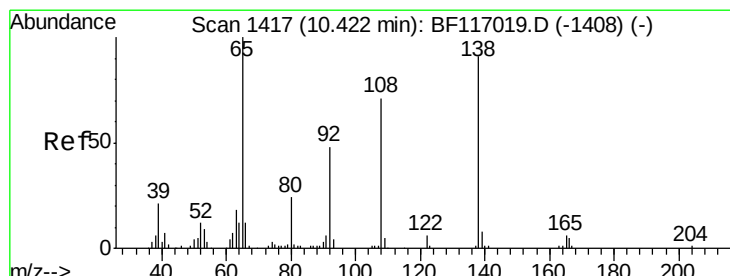
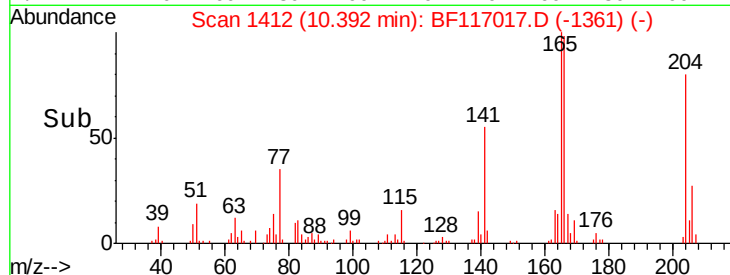
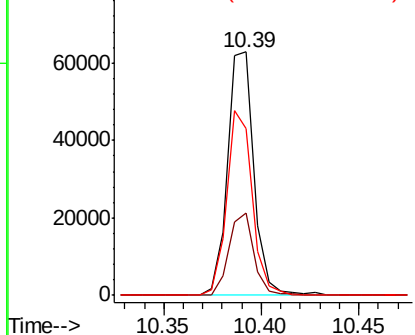
#61
4-Chlorophenyl-phenylether
Concen: 12.768 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 58946
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 68.4 58.2 87.2

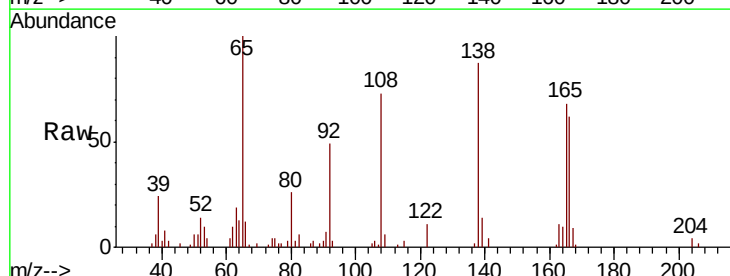


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

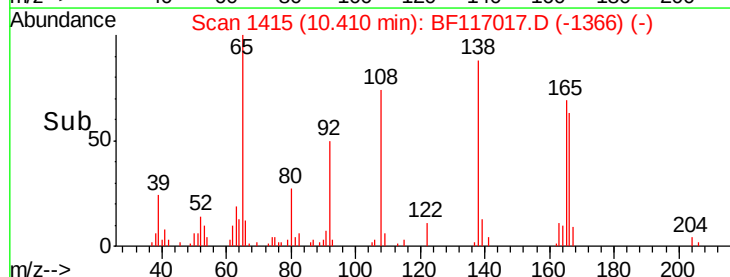
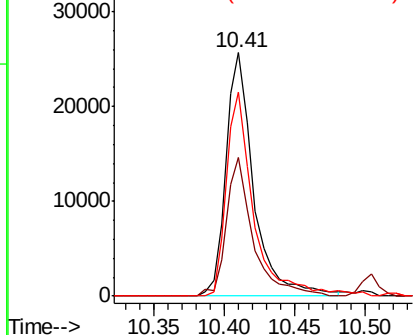


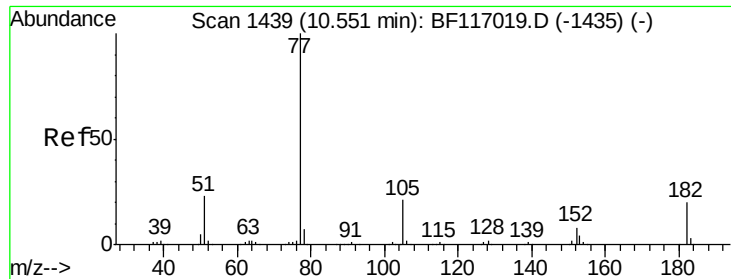
#62
4-Nitroaniline
Concen: 12.524 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:138 Resp: 35278
Ion Ratio Lower Upper
138 100
92 56.7 32.9 72.9
108 83.9 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

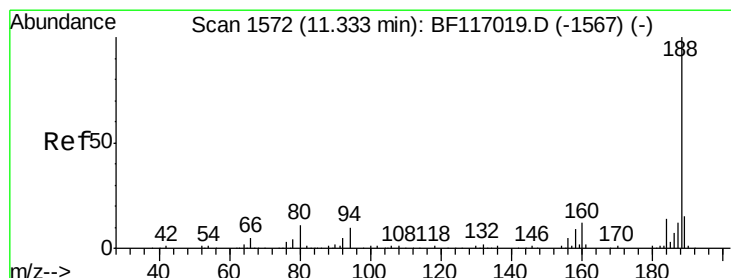
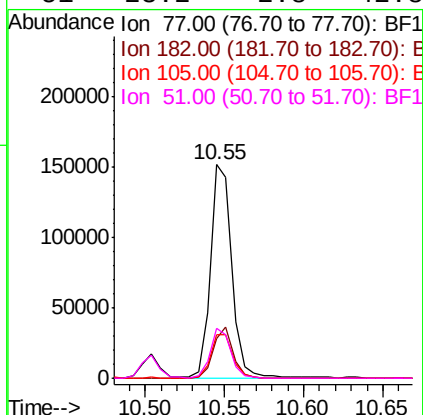
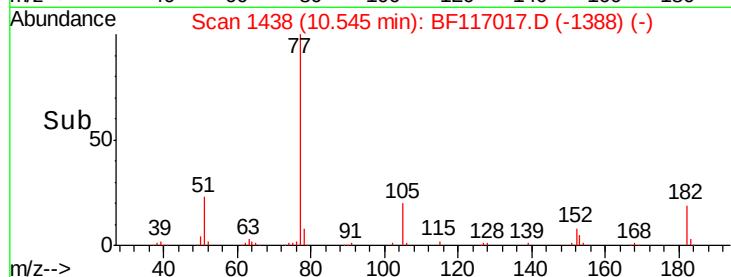
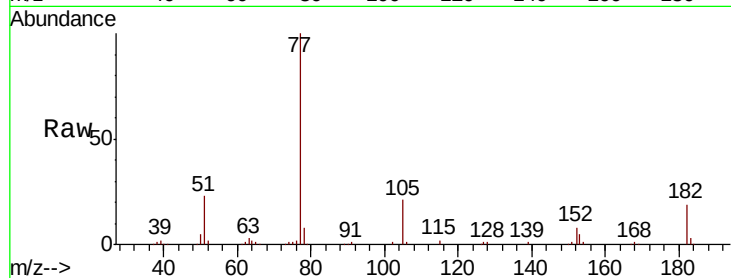




#63
Azobenzene
Concen: 11.265 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

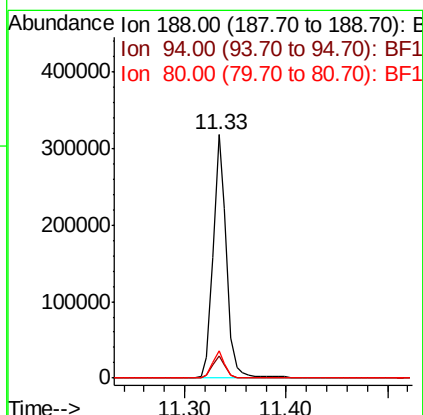
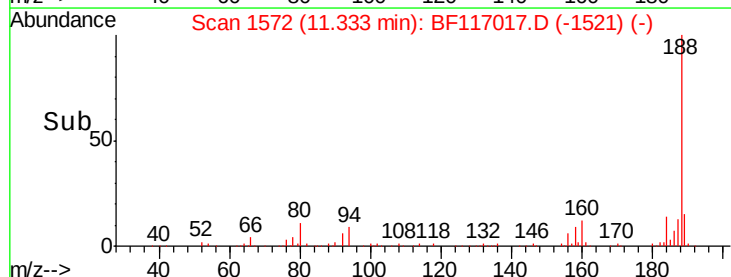
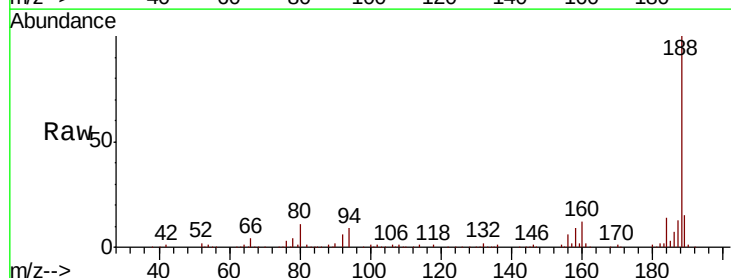
Instrument :
BNA_F
ClientSampleId :

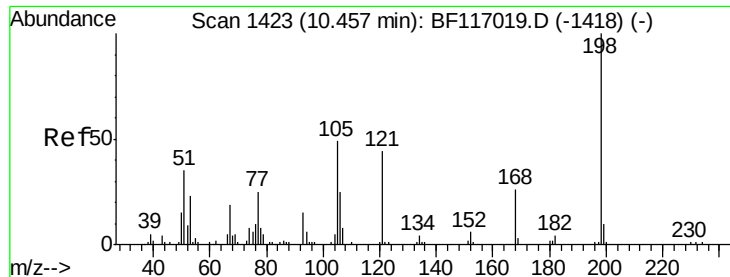
Tot Ion:	77	Resp:	142827
Ion	Ratio	Lower	Upper
77	100		
182	18.6	0.4	40.4
105	20.6	0.9	40.9
51	23.2	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:	188	Resp:	291110
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	11.0	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 8.236 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampled :

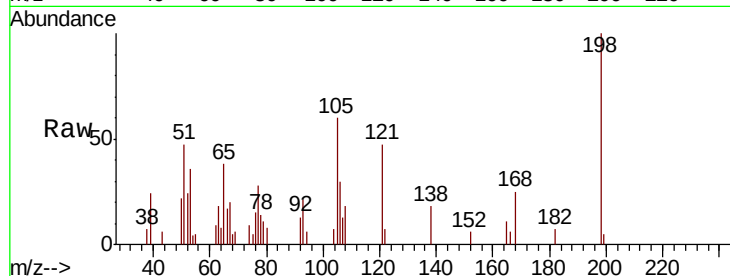
Tot Ion:198 Resp: 8097

Ion Ratio Lower Upper

198 100

51 46.5 18.7 58.7

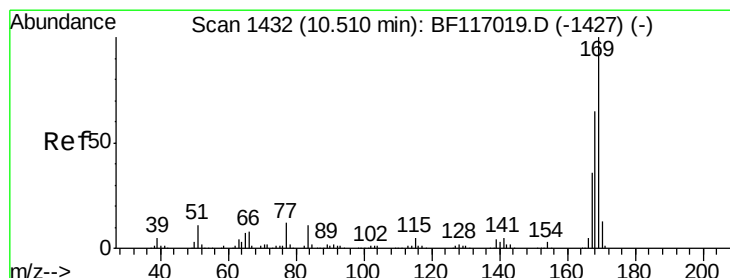
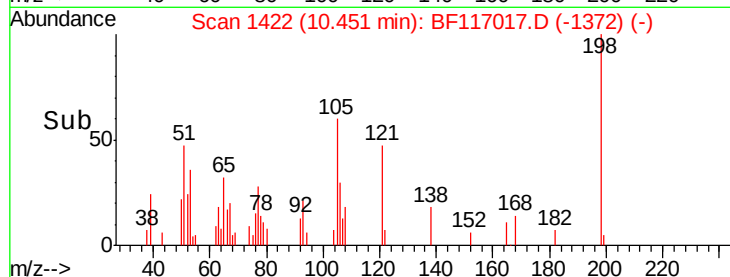
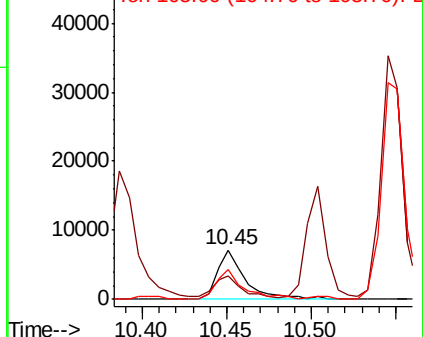
105 60.4 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 11.717 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

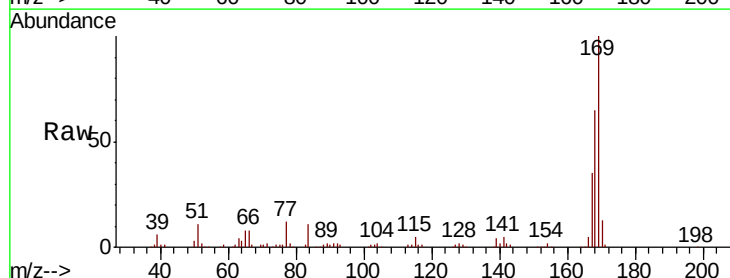
Tgt Ion:169 Resp: 118000

Ion Ratio Lower Upper

169 100

168 65.3 52.2 78.2

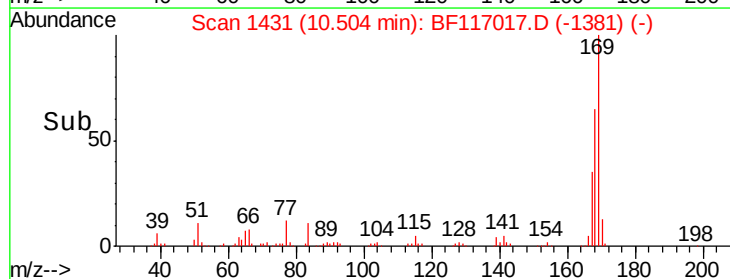
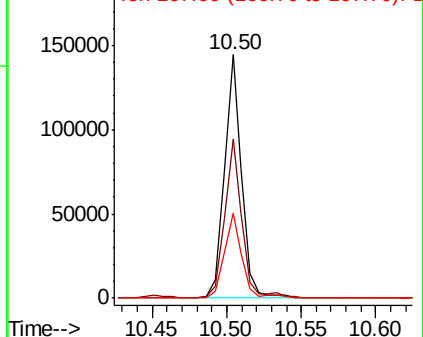
167 34.7 28.8 43.2

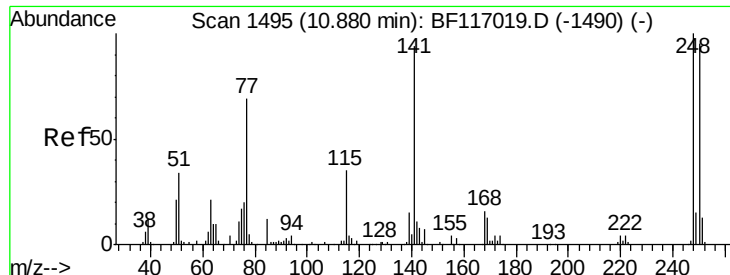


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

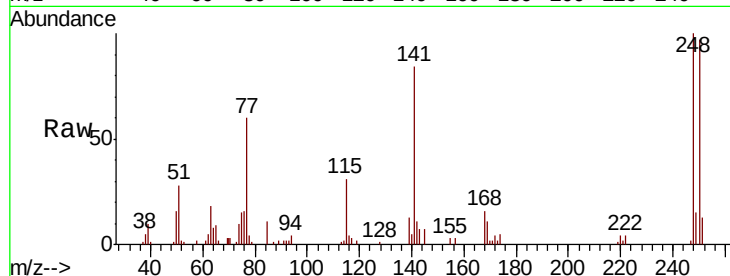




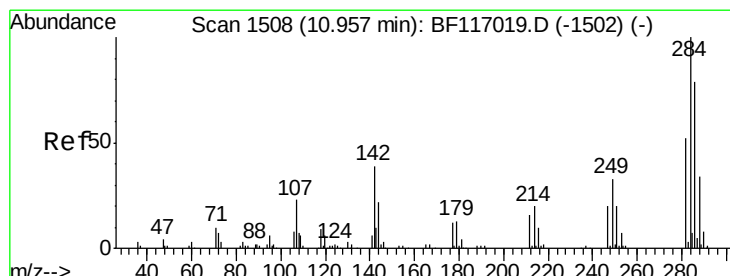
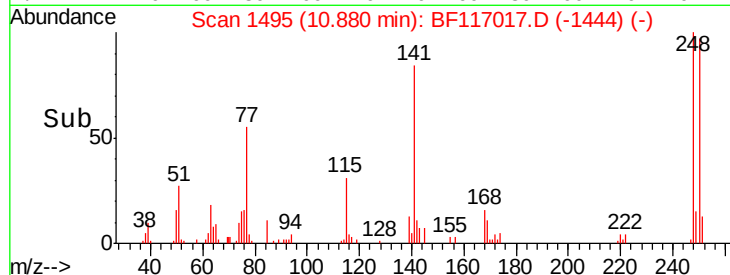
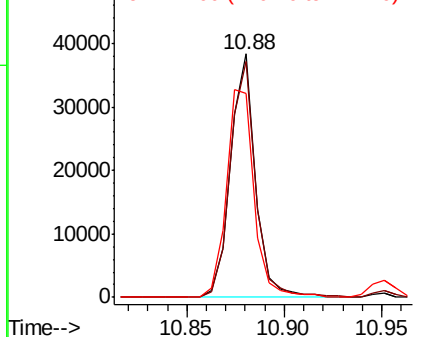
#67
 4-Bromophenyl-phenylether
 Concen: 11.451 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 33864
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.2 114.4
 141 83.8 75.0 112.4

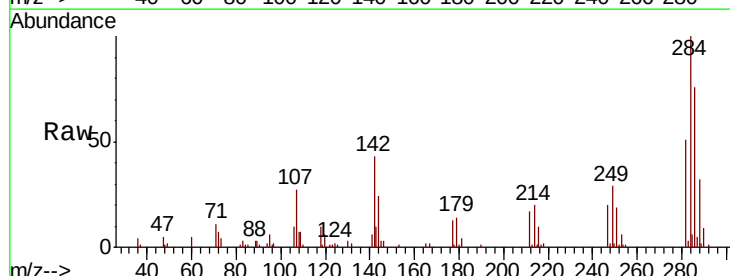


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

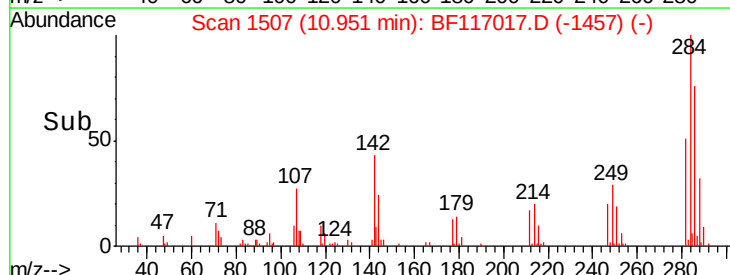
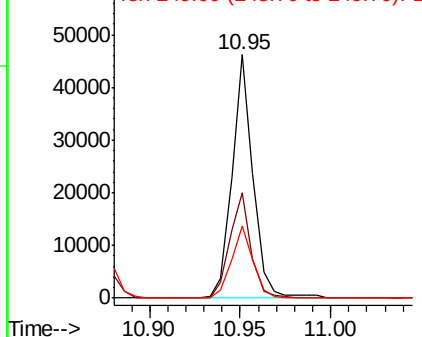


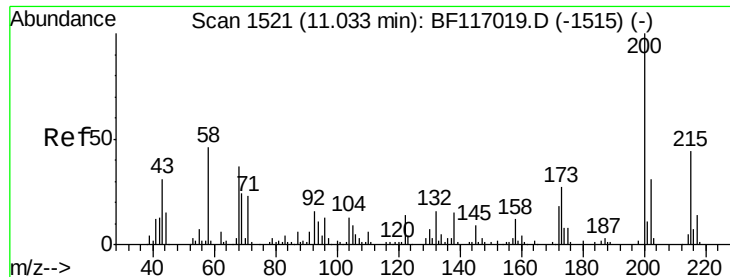
#68
 Hexachlorobenzene
 Concen: 12.036 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion:284 Resp: 37242
 Ion Ratio Lower Upper
 284 100
 142 43.1 31.4 47.2
 249 29.4 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

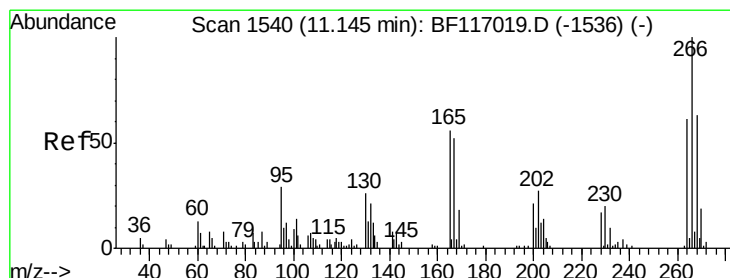
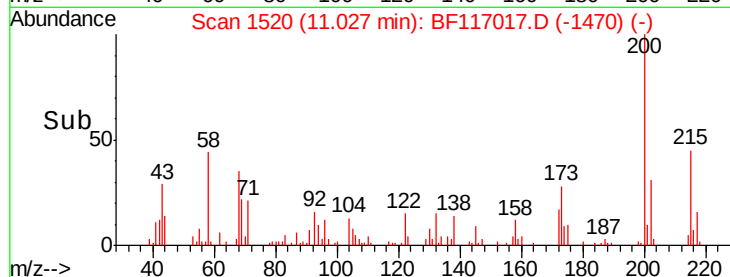
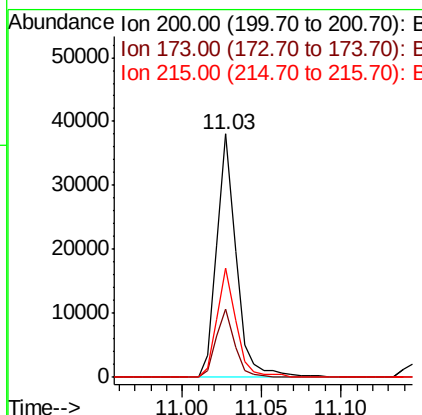
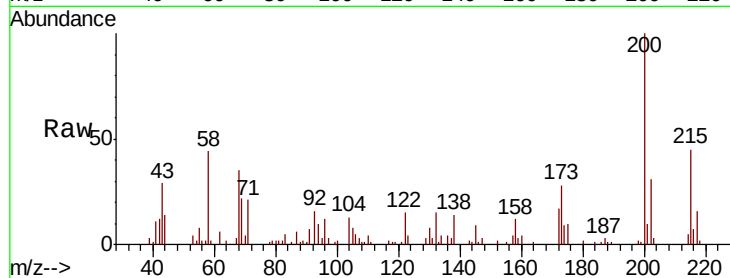




#69
Atrazine
Concen: 11.700 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

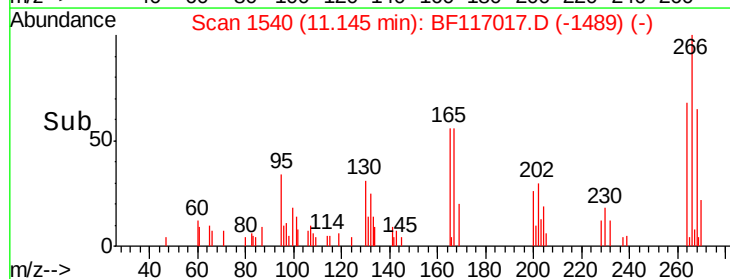
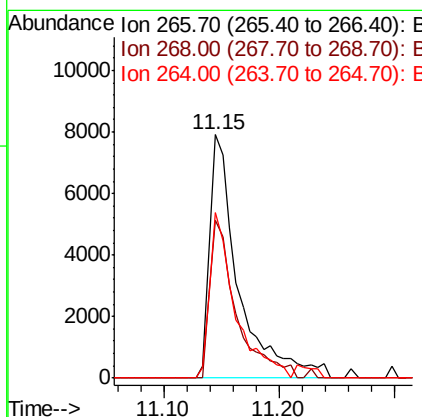
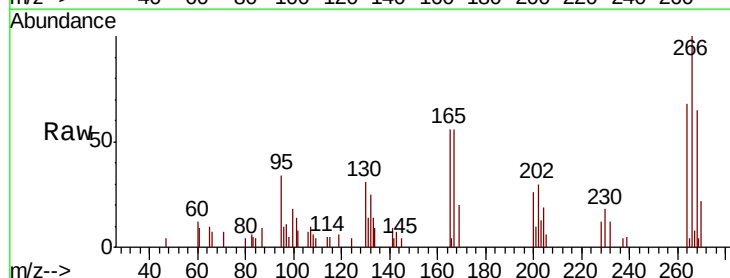
Instrument :
BNA_F
ClientSampleId :

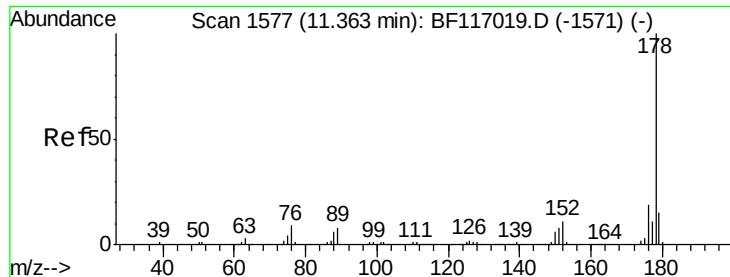
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.9	46.9
215	44.9	23.8	63.8



#70
Pentachlorophenol
Concen: 9.167 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.5	75.7
264	68.1	48.8	73.2

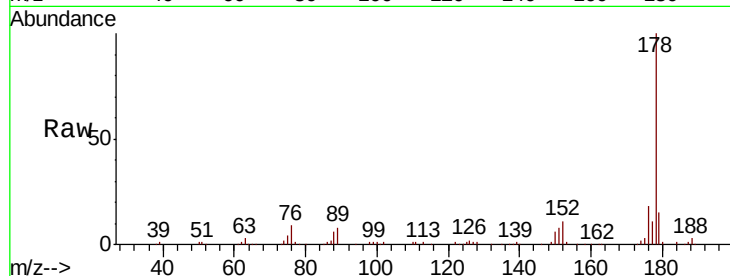




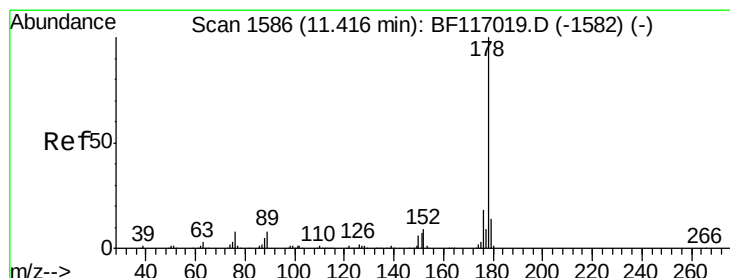
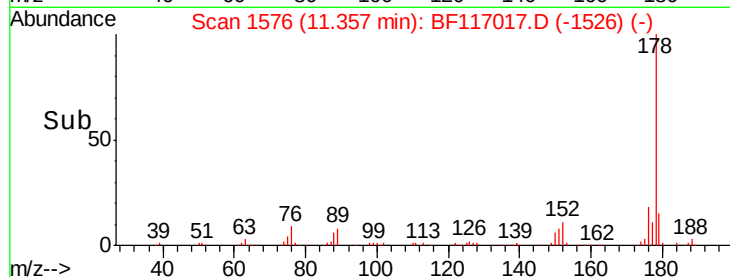
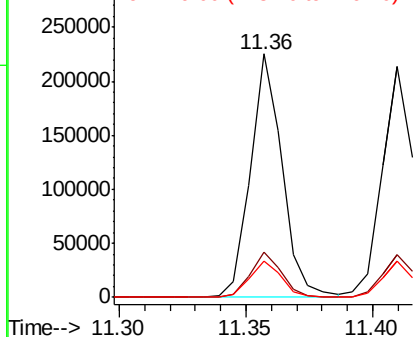
#71
Phenanthrene
Concen: 12.142 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 196763
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.1 12.4 18.6

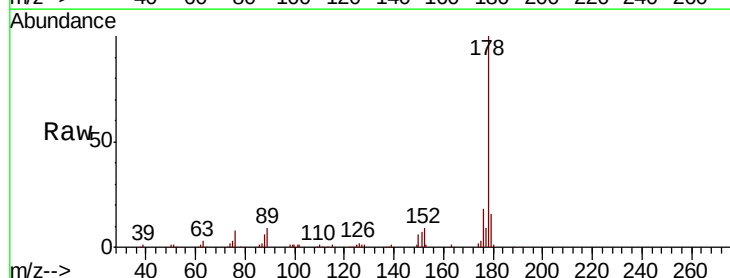


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

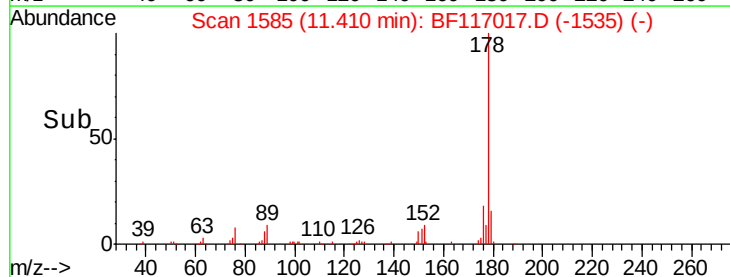
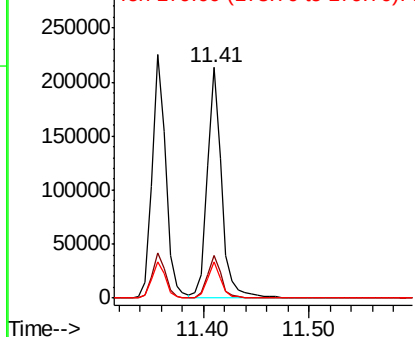


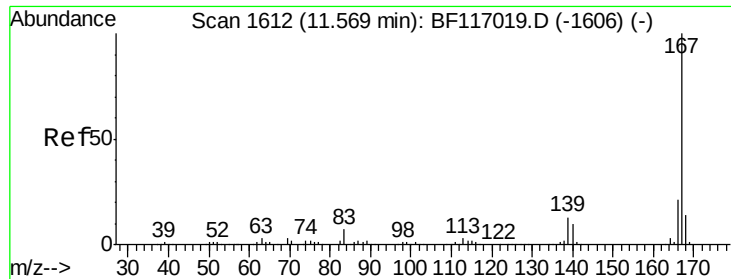
#72
Anthracene
Concen: 12.441 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:178 Resp: 202942
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.7 11.6 17.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

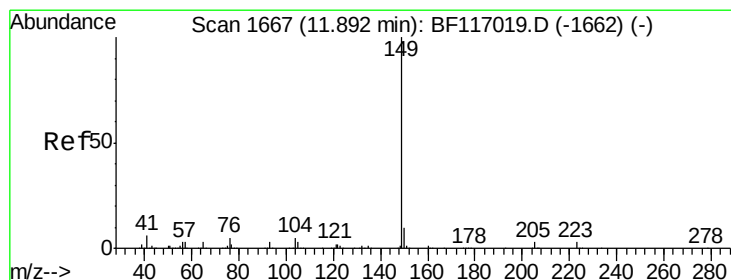
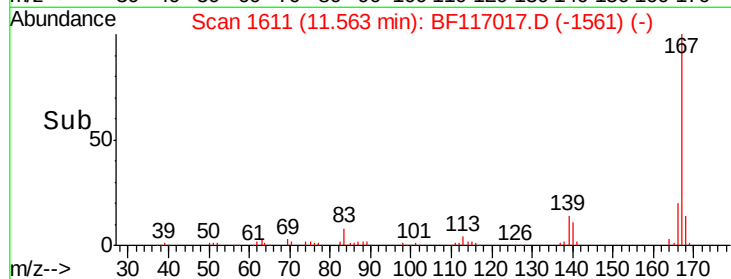
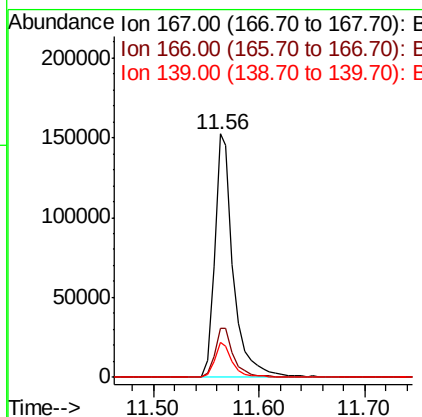
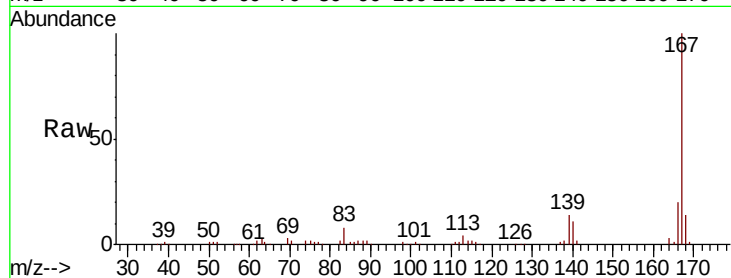




#73
 Carbazole
 Concen: 12.147 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

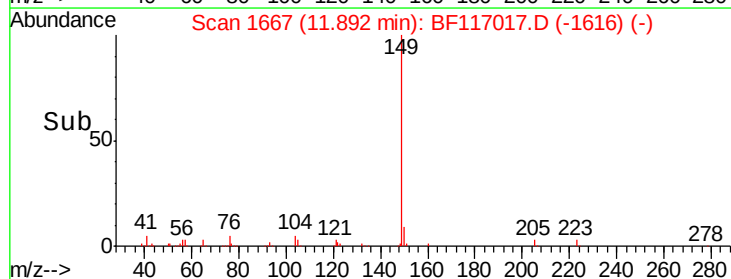
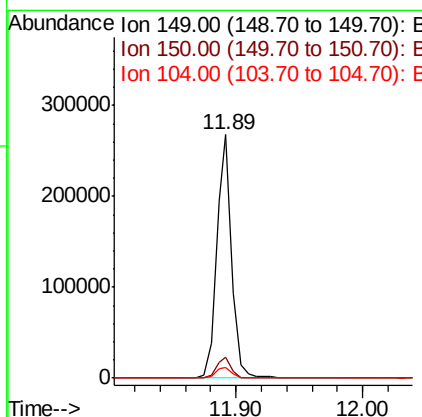
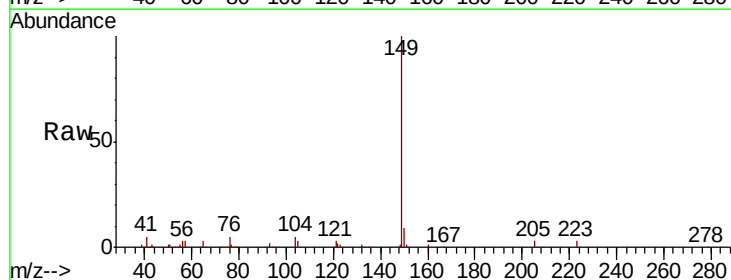
Instrument :
 BNA_F
 ClientSampleId :

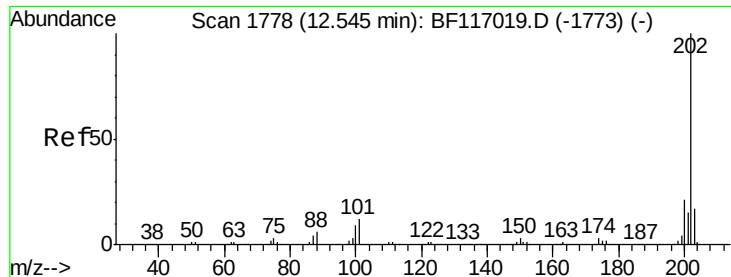
Tot Ion:167 Resp: 188744
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.2 25.8
 139 14.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 11.090 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion:149 Resp: 220910
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.7 11.5
 104 4.6 4.2 6.4

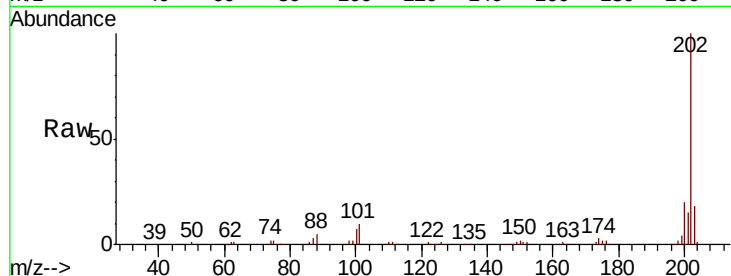




#75
 Fluoranthene
 Concen: 12.718 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.3
203	17.8	0.0	37.1

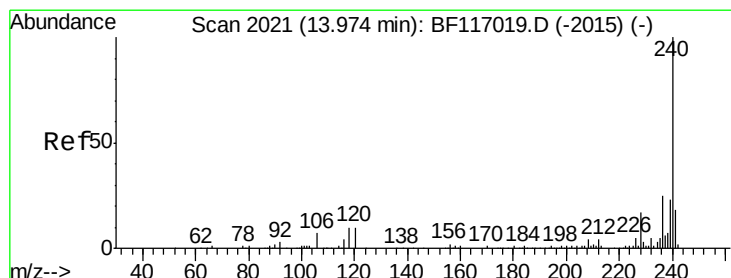
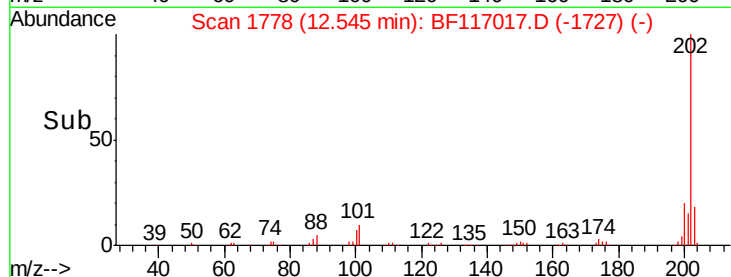
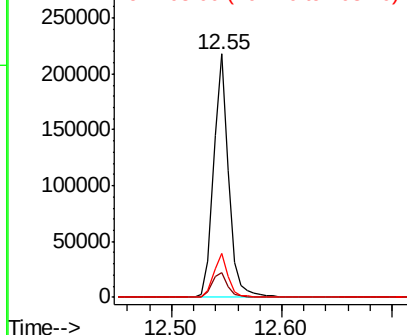


Abundance

Ion 202.00 (201.70 to 202.70): E

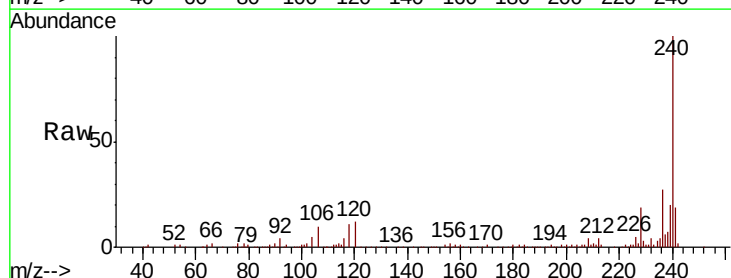
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117017.D
 Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.6	20.3	30.5

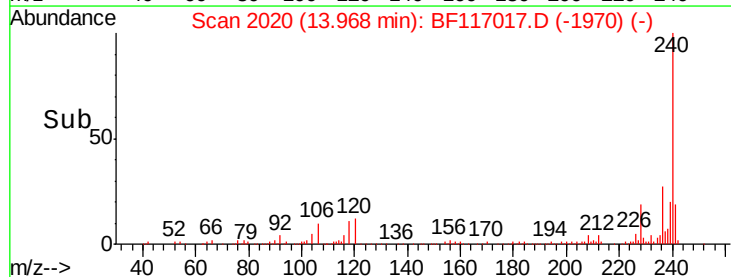
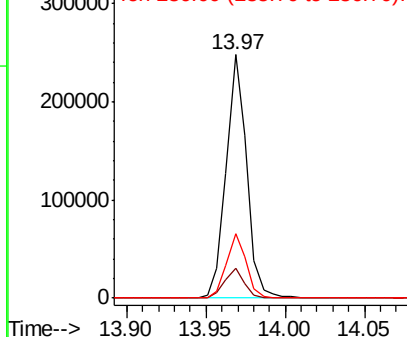


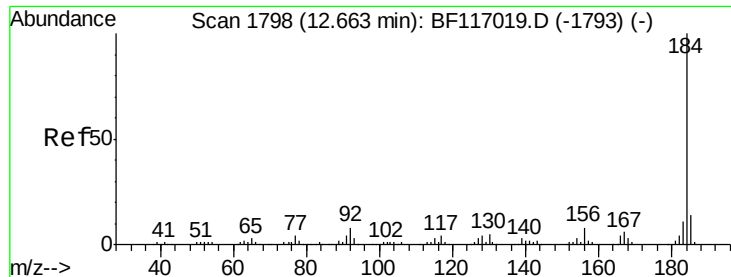
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.207 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

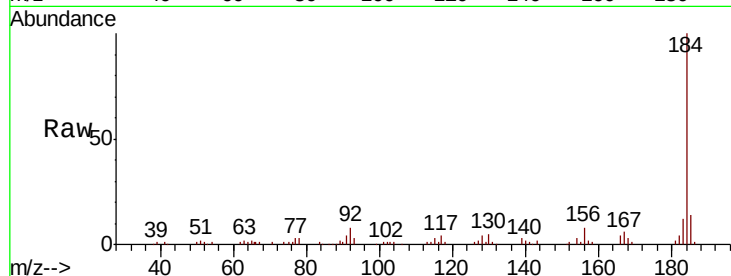
Instrument :

BNA_F

ClientSampled :

Tot Ion:184 Resp: 106247

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.6	17.4
183	11.7	9.0	13.4

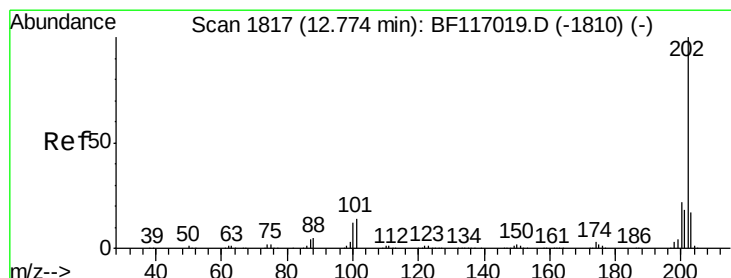
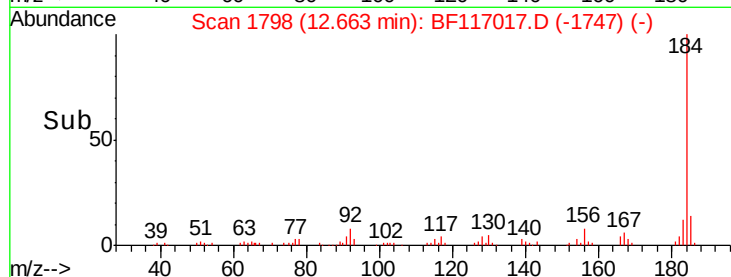
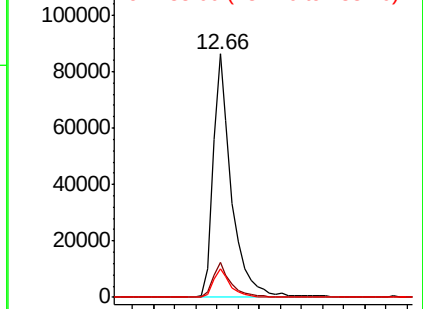


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.491 ng

RT: 12.77 min Scan# 1817

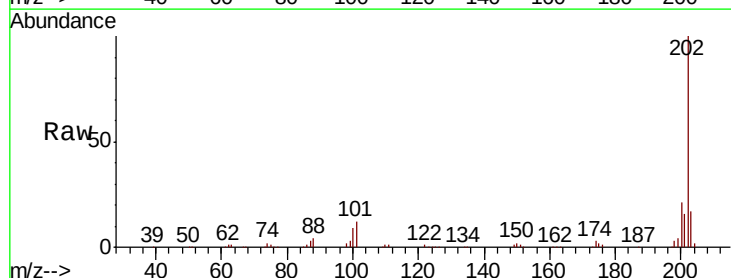
Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Tgt Ion:202 Resp: 206945

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.1	14.0	21.0

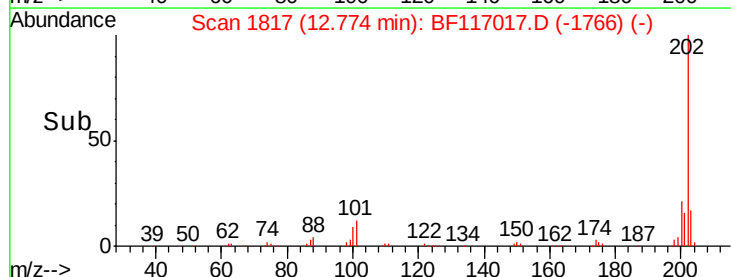
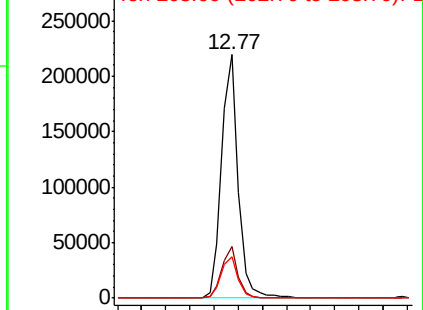


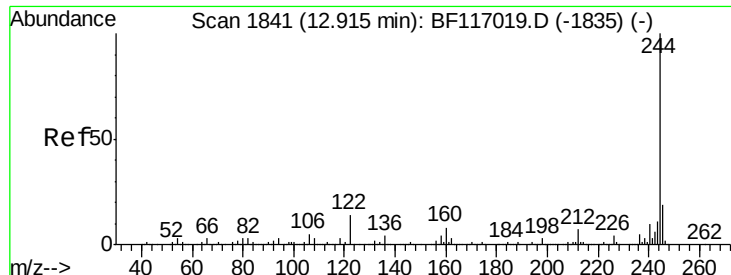
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.429 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

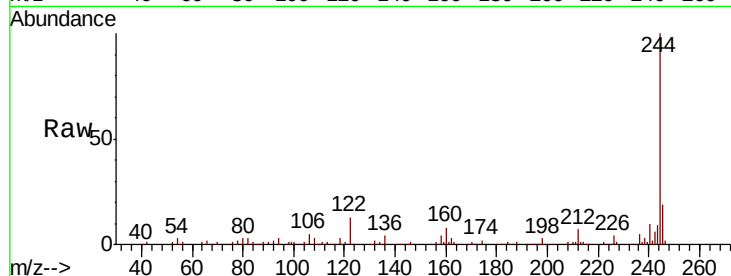
Tot Ion:244 Resp: 269039

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

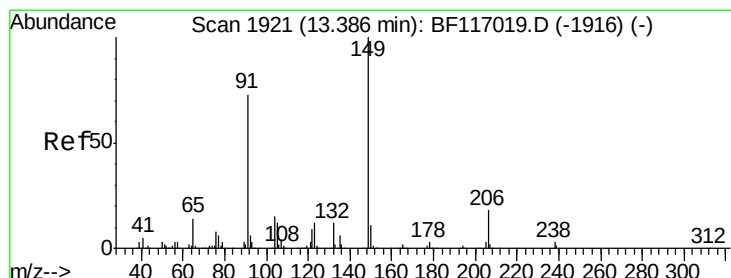
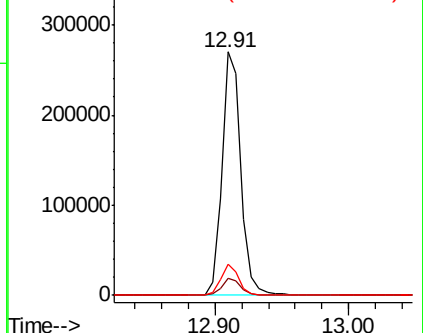
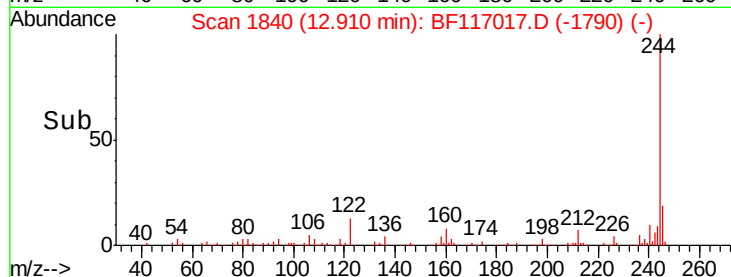
122 12.7 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.681 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

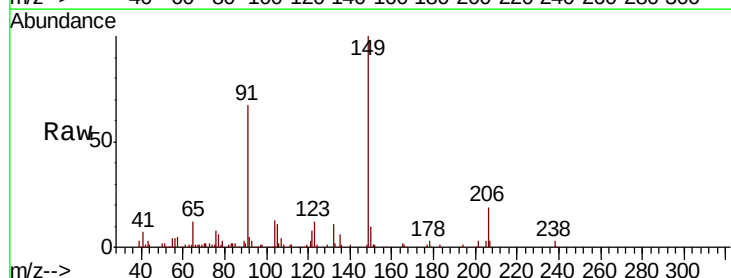
Tgt Ion:149 Resp: 92867

Ion Ratio Lower Upper

149 100

91 66.8 58.8 88.2

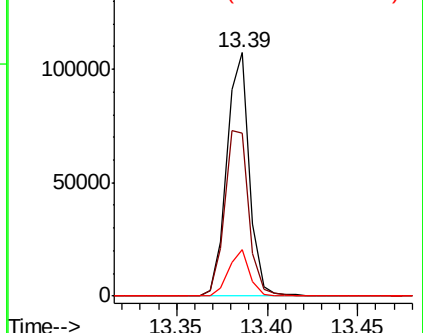
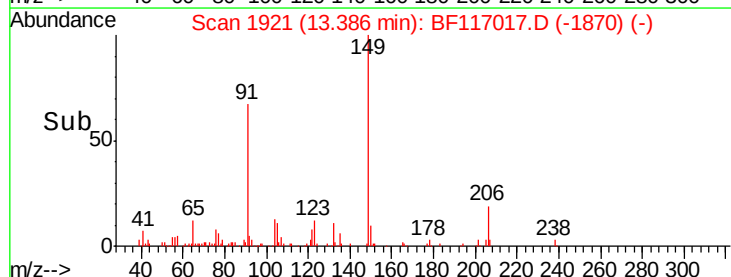
206 18.9 14.1 21.1

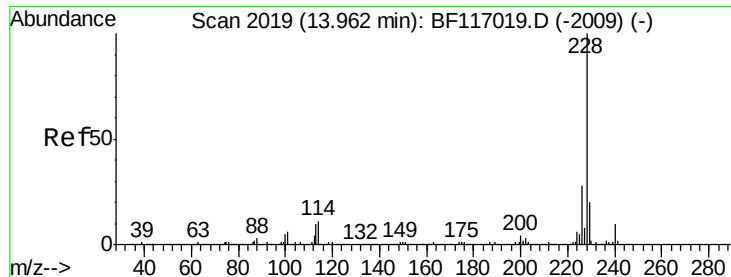


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 12.021 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

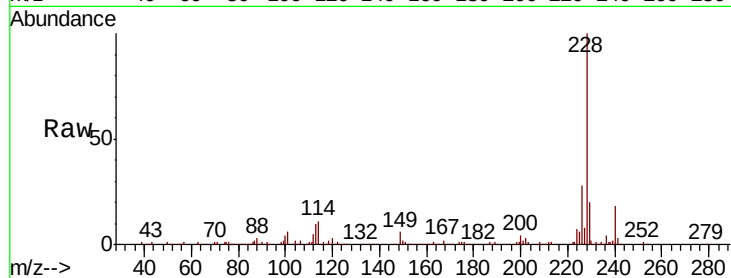
Tot Ion:228 Resp: 168826

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

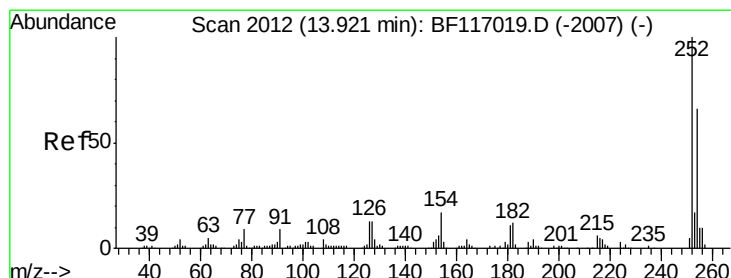
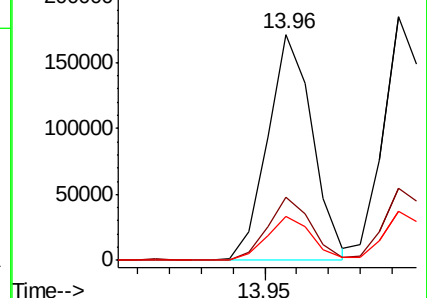
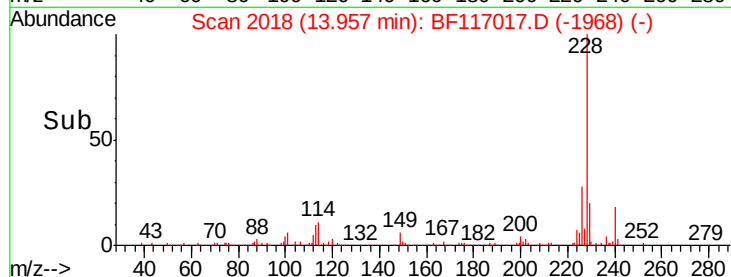
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.308 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

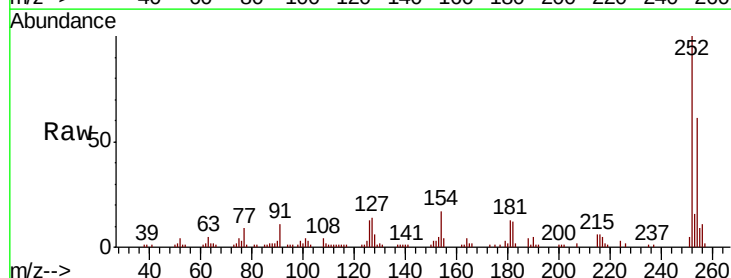
Tgt Ion:252 Resp: 58415

Ion Ratio Lower Upper

252 100

254 60.5 52.6 79.0

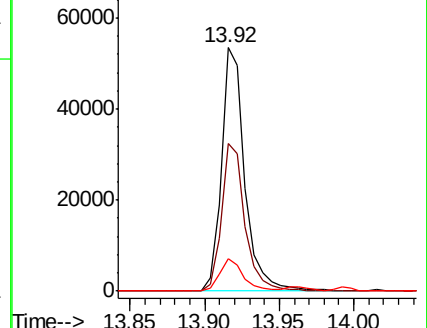
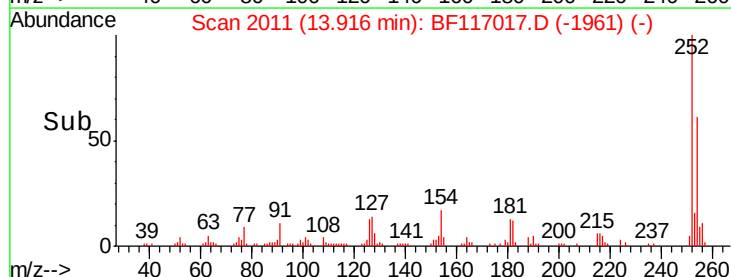
126 13.2 10.4 15.6

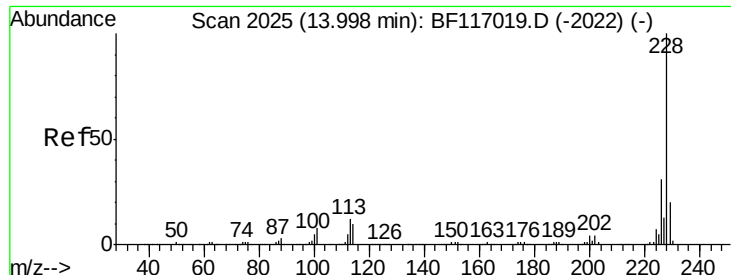


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.835 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

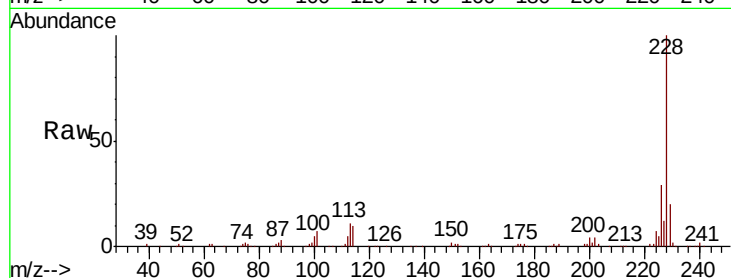
Tot Ion:228 Resp: 171234

Ion Ratio Lower Upper

228 100

226 29.4 24.8 37.2

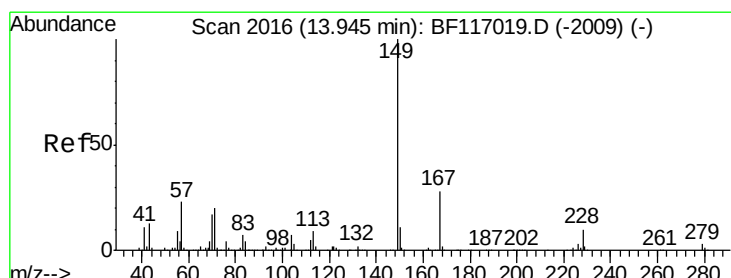
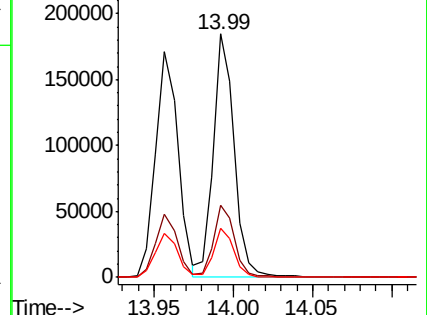
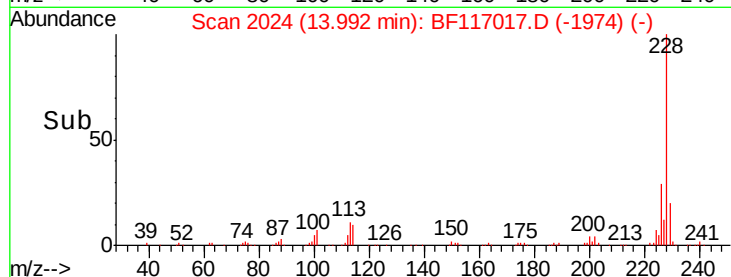
229 20.0 15.8 23.8



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: 10.270 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

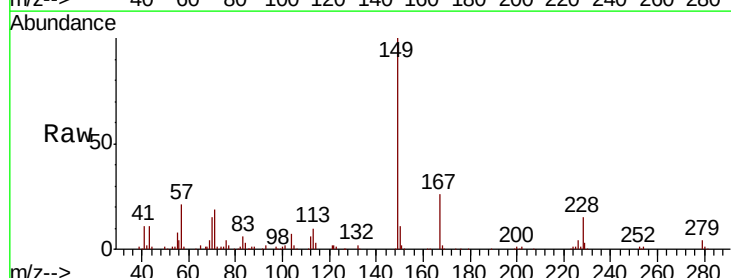
Tgt Ion:149 Resp: 121604

Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.2

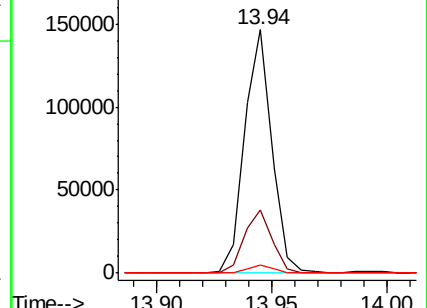
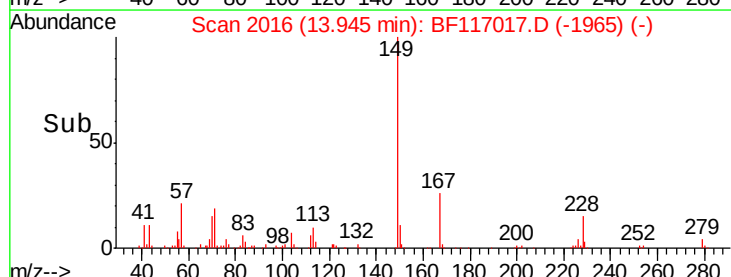
279 3.5 2.8 4.2

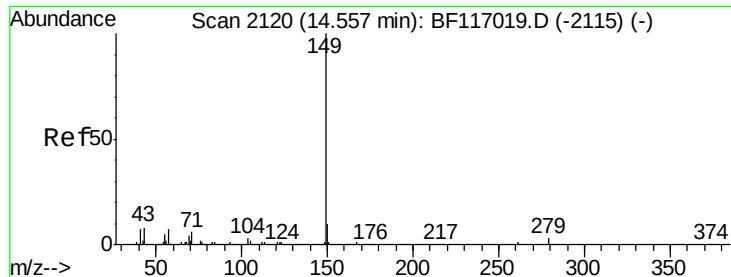


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

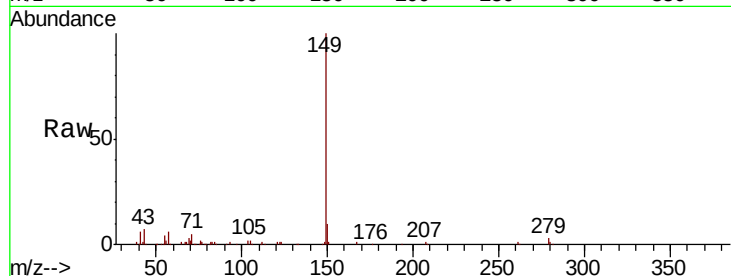




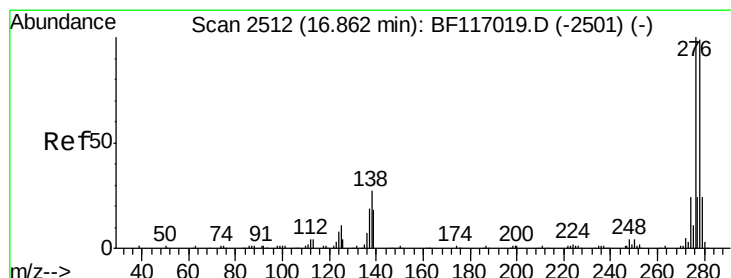
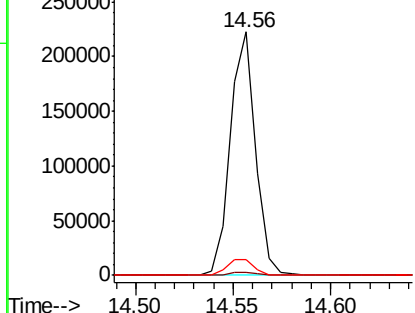
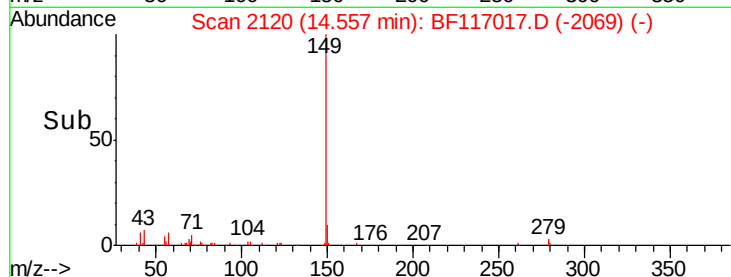
#85
Di-n-octyl phthalate
Concen: 10.226 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.4

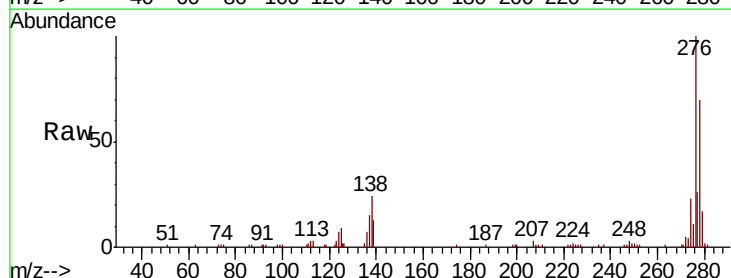


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

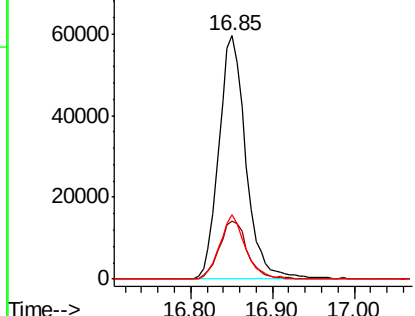
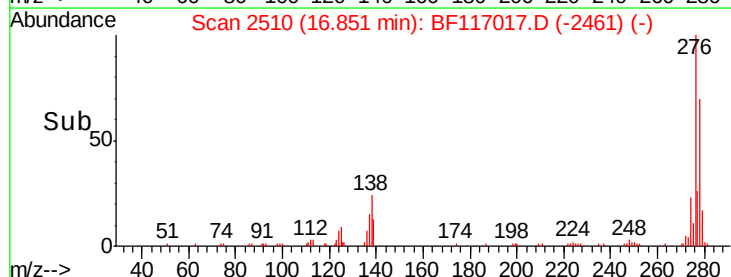


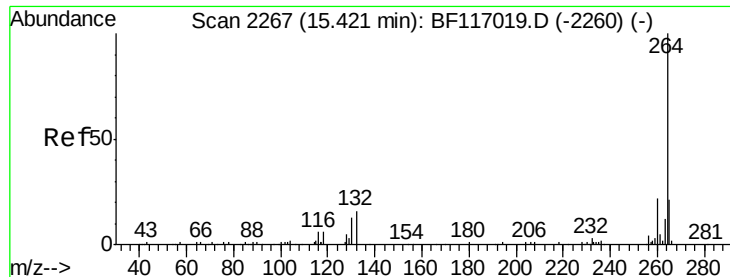
#86
Indeno(1,2,3-cd)pyrene
Concen: 11.821 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	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: BF117017.D

Acq: 13 Sep 2019 12:29

Instrument :

BNA_F

ClientSampleId :

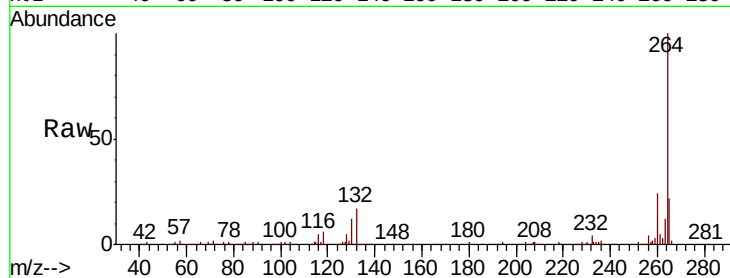
Tot Ion:264 Resp: 232913

Ion Ratio Lower Upper

264 100

260 23.8 17.6 26.4

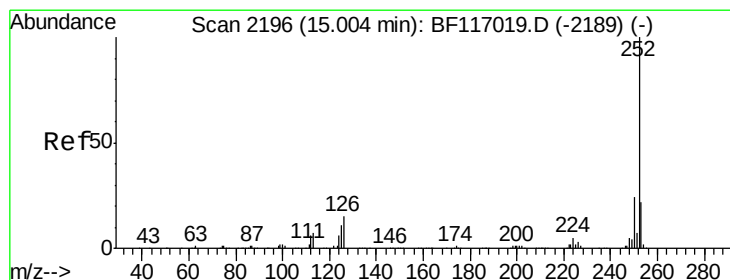
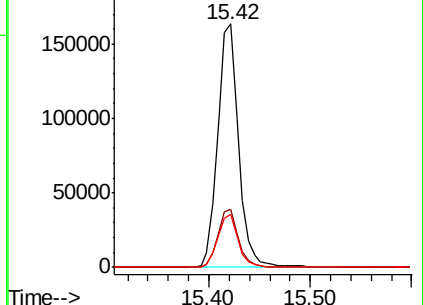
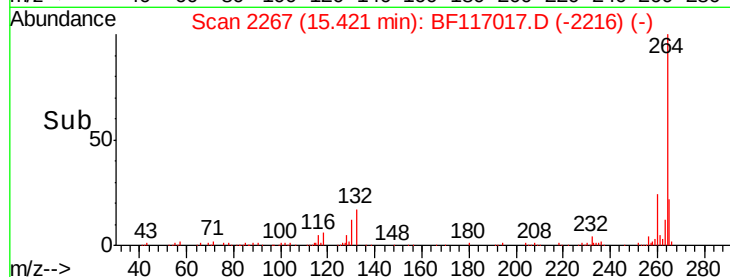
265 21.5 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 10.702 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF117017.D

Acq: 13 Sep 2019 12:29

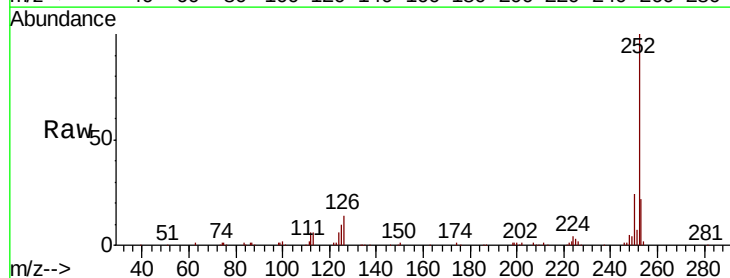
Tgt Ion:252 Resp: 150705

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

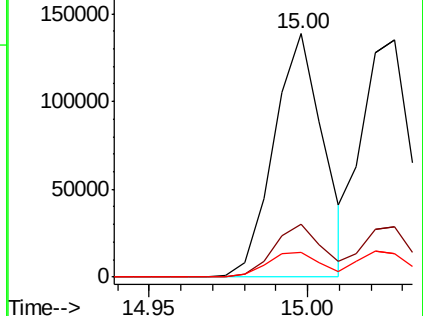
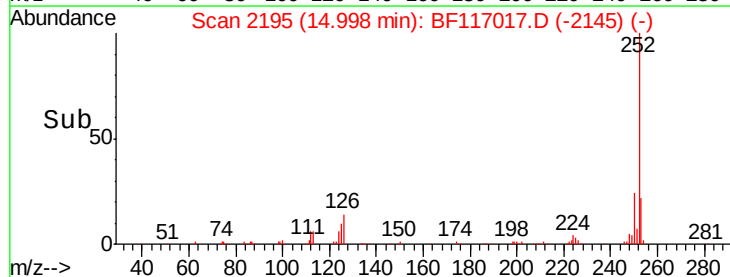
125 10.0 8.6 12.8

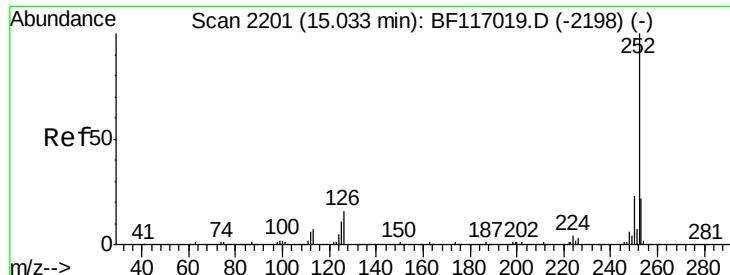


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

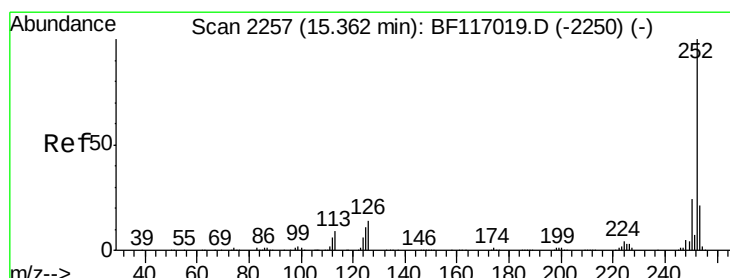
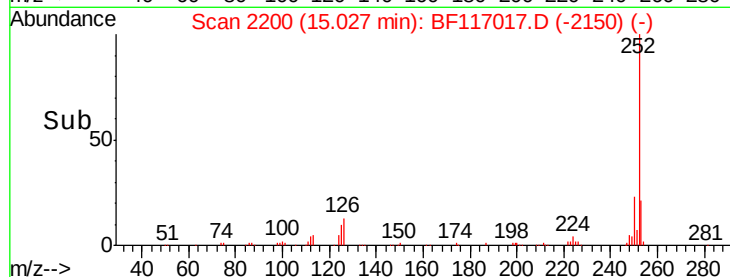
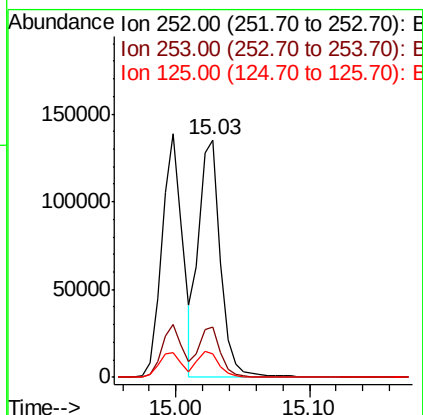
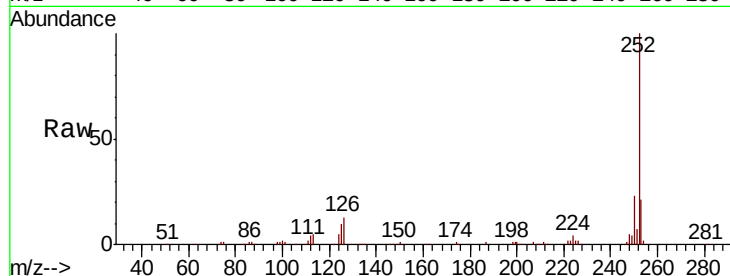




#89
Benzo(k)fluoranthene
Concen: 11.868 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

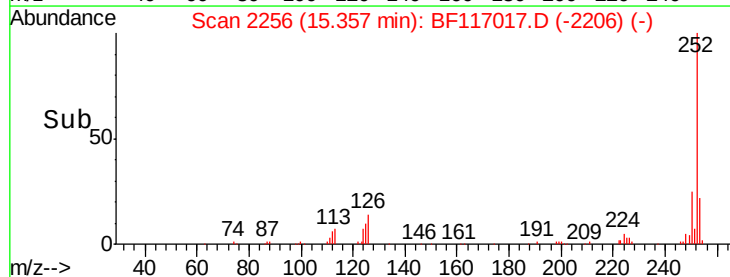
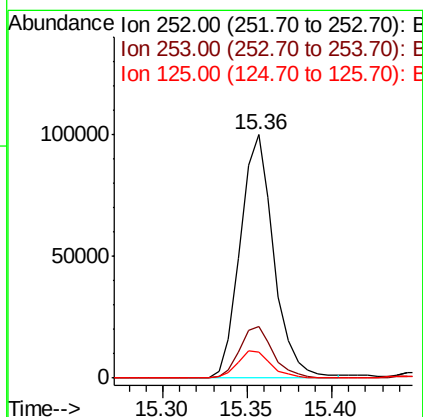
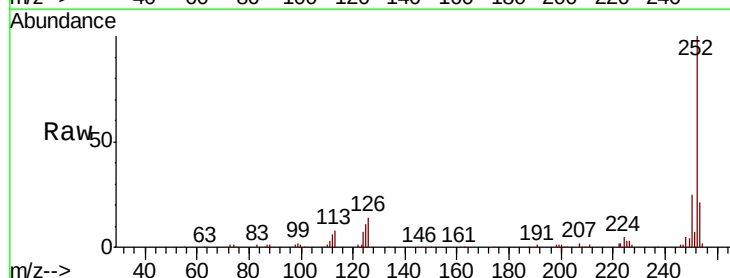
Instrument :
BNA_F
ClientSampleId :

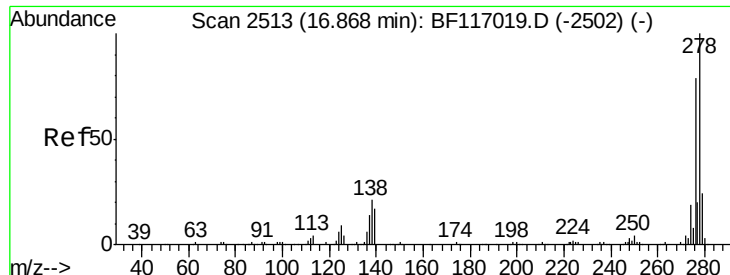
Tot Ion:252 Resp: 152374
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 11.302 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion:252 Resp: 138467
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 10.5 8.9 13.3

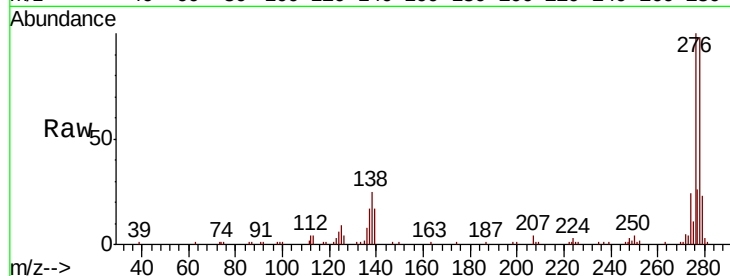




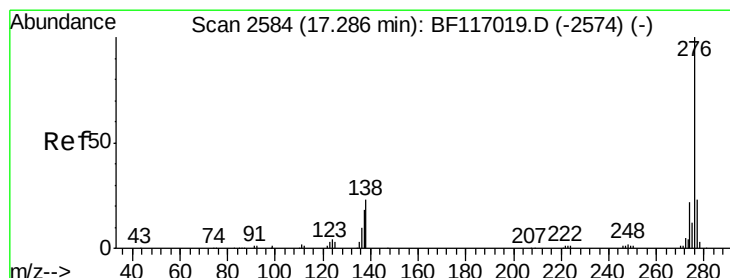
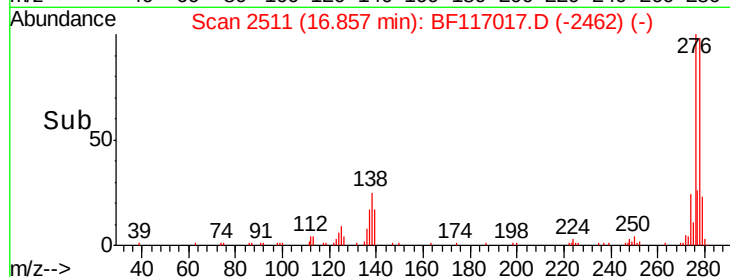
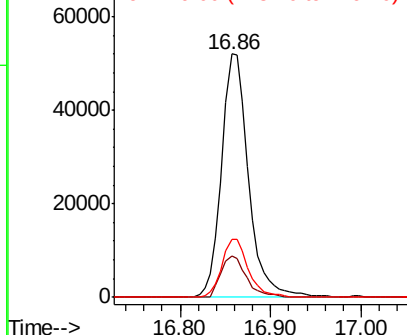
#91
Dibenzo(a,h)anthracene
Concen: 10.069 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.5	20.3
279	23.7	18.8	28.2

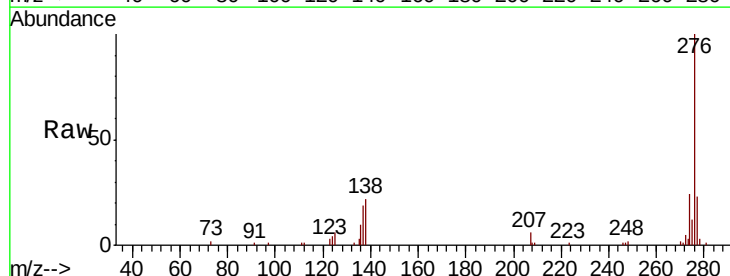


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.586 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117017.D
Acq: 13 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	22.4	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

