

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117073.D
 Acq On : 16 Sep 2019 21:05
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 05:15:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	49993	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	206540	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	93061	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	132746	20.00	ng	0.00
76) Chrysene-d12	13.97	240	99621	20.00	ng	0.00
87) Perylene-d12	15.42	264	67226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	249564	77.94	ng	0.00
7) Phenol-d6	6.47	99	321848	77.77	ng	0.01
23) Nitrobenzene-d5	7.39	82	304821	77.54	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	51943	66.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	497132	83.53	ng	0.00
79) Terphenyl-d14	12.92	244	429935	80.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	50918	38.001	ng	99
3) Pyridine	3.28	79	139127	37.935	ng	97
4) n-Nitrosodimethylamine	3.22	42	47165	37.474	ng	98
6) Aniline	6.49	93	207186	38.886	ng	# 87
8) 2-Chlorophenol	6.62	128	133114	38.534	ng	98
9) Benzaldehyde	6.37	77	92558	46.234	ng	98
10) Phenol	6.48	94	178777	39.187	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	124747	37.205	ng	98
12) 1,3-Dichlorobenzene	6.77	146	152430	39.323	ng	99
13) 1,4-Dichlorobenzene	6.85	146	151327	38.254	ng	99
14) 1,2-Dichlorobenzene	7.00	146	142849	38.785	ng	98
15) Benzyl Alcohol	6.97	79	119369	37.615	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	120131	36.264	ng	96
17) 2-Methylphenol	7.09	107	111795	38.615	ng	95
18) Hexachloroethane	7.34	117	36787	24.173	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	95370	37.847	ng	97
20) 3+4-Methylphenols	7.24	107	148383	41.147	ng	# 87
22) Acetophenone	7.23	105	206036	39.263	ng	97
24) Nitrobenzene	7.41	77	149050	38.396	ng	93
25) Isophorone	7.65	82	256172	36.806	ng	99
26) 2-Nitrophenol	7.72	139	36189	21.704	ng	91
27) 2,4-Dimethylphenol	7.76	122	98030	37.074	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	159340	37.158	ng	98
29) 2,4-Dichlorophenol	7.97	162	100029	36.103	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	111402	37.217	ng	96
31) Naphthalene	8.13	128	373633	37.614	ng	99
32) Benzoic acid	7.89	122	17143	14.000	ng	92
33) 4-Chloroaniline	8.17	127	164105	37.248	ng	99
34) Hexachlorobutadiene	8.25	225	63650	37.480	ng	98
35) Caprolactam	8.54	113	33026	35.217	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	115811	35.848	ng	95
37) 2-Methylnaphthalene	8.82	142	243590	36.416	ng	99
38) 1-Methylnaphthalene	8.92	142	229659	36.659	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98754	41.095	ng	98

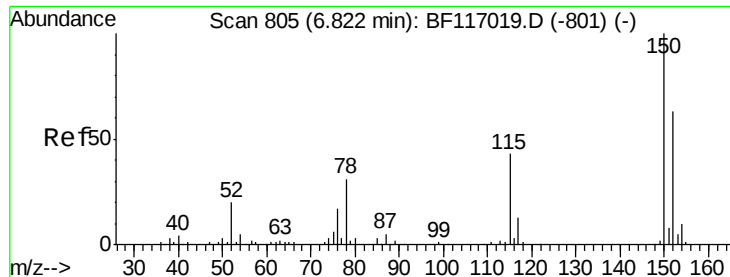
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117073.D
 Acq On : 16 Sep 2019 21:05
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 05:15:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	60583	37.149	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	62904	36.103	nq	96
46) 1,1'-Biphenyl	9.28	154	300351	41.146	nq	96
47) 2-Chloronaphthalene	9.30	162	228780	39.712	nq	99
48) 2-Nitroaniline	9.40	65	80293	43.452	nq	92
49) Acenaphthylene	9.72	152	330103	38.249	nq	100
50) Dimethylphthalate	9.57	163	262531	39.843	nq	99
51) 2,6-Dinitrotoluene	9.64	165	43641	32.519	nq	95
52) Acenaphthene	9.89	154	193703	37.863	nq	100
53) 3-Nitroaniline	9.81	138	73936	43.666	nq	98
55) Dibenzofuran	10.06	168	283450	37.552	nq	97
56) 4-Nitrophenol	9.98	139	28721	26.172	nq	96
57) 2,4-Dinitrotoluene	10.05	165	50619	29.058	nq	98
58) Fluorene	10.40	166	218856	35.994	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	46154	34.615	nq	98
60) Diethylphthalate	10.27	149	250262	38.605	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	100905	38.356	nq	98
62) 4-Nitroaniline	10.42	138	73134	41.533	nq	97
63) Azobenzene	10.55	77	235777	35.611	nq	97
65) 4,6-Dinitro-2-methylphenol	10.18	198	2270	10.116	nq	# 31
66) n-Nitrosodiphenylamine	10.51	169	190726	41.602	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	54794	40.419	nq	98
68) Hexachlorobenzene	10.96	284	56690	38.233	nq	98
69) Atrazine	11.03	200	43115	35.752	nq	96
70) Pentachlorophenol	11.15	266	24096	34.669	nq	97
71) Phenanthrene	11.36	178	290762	38.563	nq	100
72) Anthracene	11.42	178	300784	39.075	nq	99
73) Carbazole	11.57	167	286084	39.154	nq	99
74) Di-n-butylphthalate	11.89	149	349791	40.237	nq	98
75) Fluoranthene	12.54	202	311593	40.220	nq	98
77) Benzidine	12.67	184	165202	51.480	nq	99
78) Pyrene	12.77	202	321146	38.419	nq	100
80) Butylbenzylphthalate	13.39	149	157394	39.849	nq	97
81) Benzo(a)anthracene	13.96	228	251343	37.763	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	92962	43.343	nq	100
83) Chrysene	14.00	228	245954	37.888	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	210063	41.249	nq	99
85) Di-n-octyl phthalate	14.55	149	347914	43.405	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	145160	30.650	nq	99
88) Benzo(b)fluoranthene	15.00	252	149143	36.625	nq	100
89) Benzo(k)fluoranthene	15.03	252	166187	43.082	nq	96
90) Benzo(a)pyrene	15.36	252	135188	37.832	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	116495	40.924	nq	96
92) Benzo(g,h,i)perylene	17.29	276	113728	40.092	nq	95

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

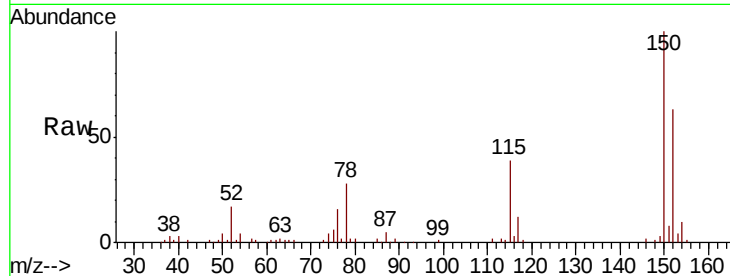


#1

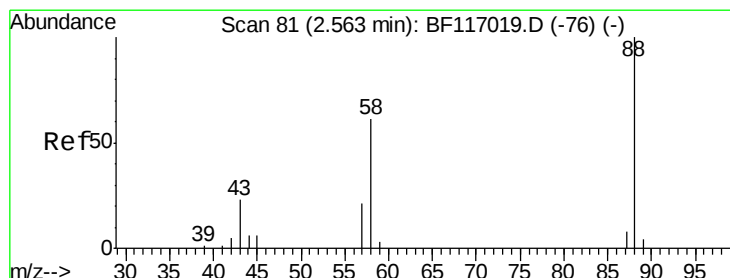
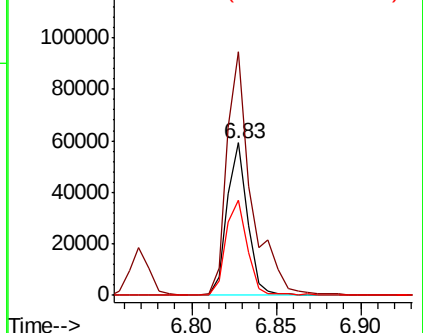
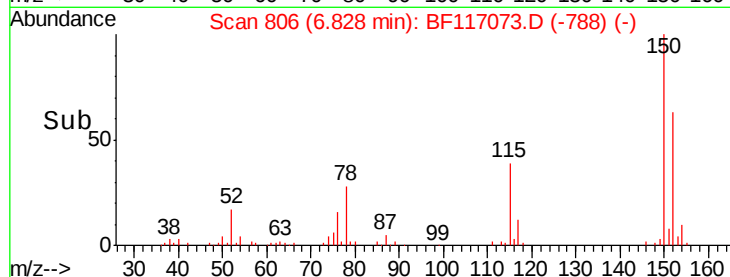
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49993
Ion Ratio Lower Upper
152 100
150 160.0 127.5 191.3
115 62.8 55.0 82.4



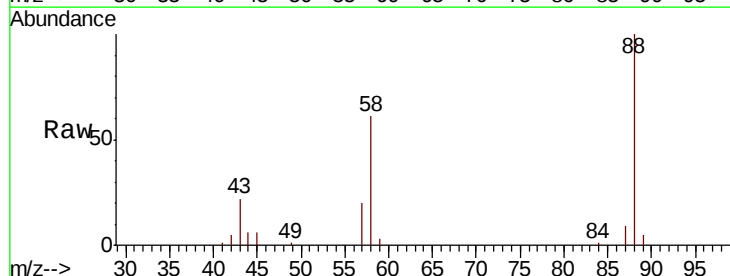
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



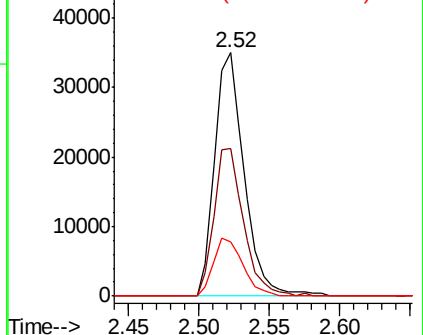
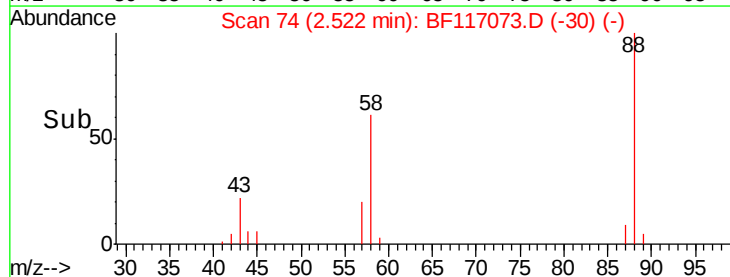
#2

1,4-Dioxane
Concen: 38.001 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.04 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion: 88 Resp: 50918
Ion Ratio Lower Upper
88 100
58 60.2 49.3 73.9
43 23.7 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: 37.935 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

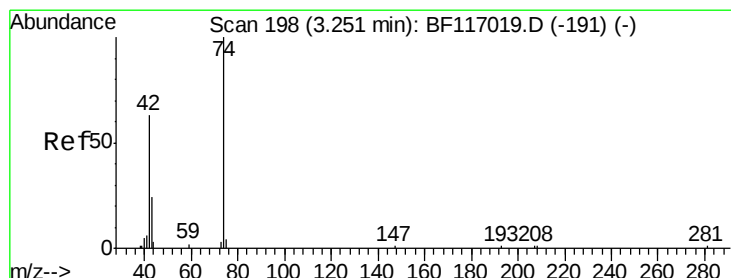
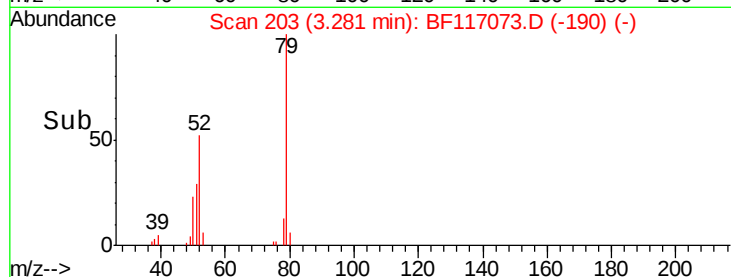
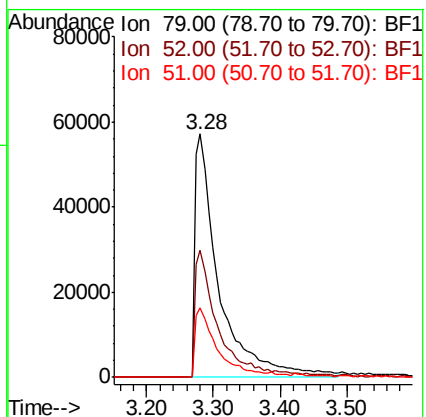
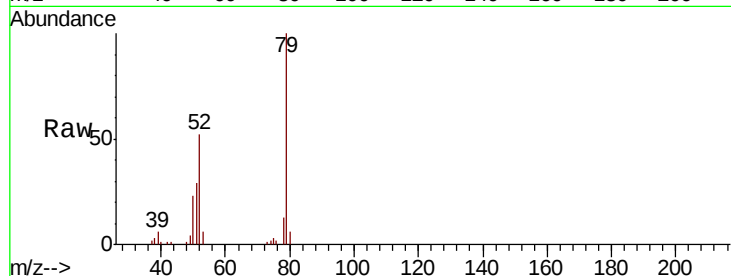
Tot Ion: 79 Resp: 139127

Ion Ratio Lower Upper

79 100

52 52.1 43.5 65.3

51 28.6 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 37.474 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.04 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

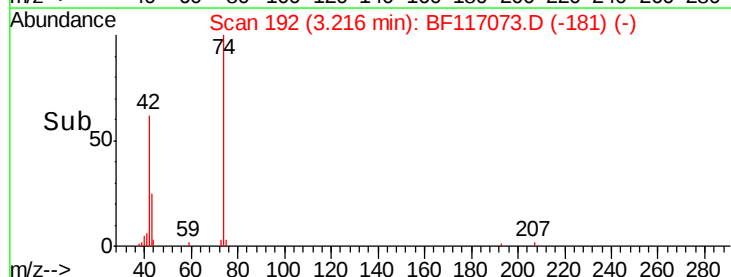
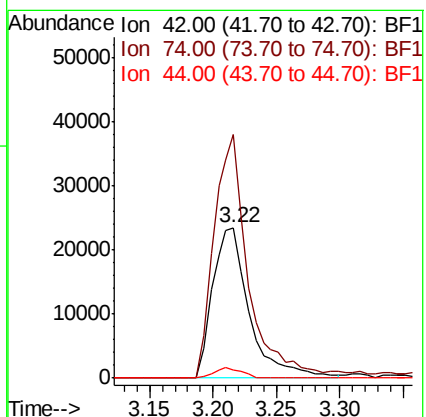
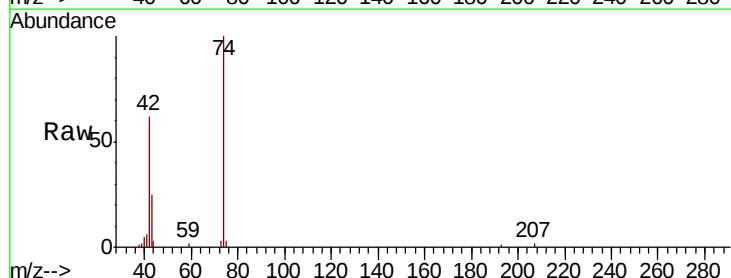
Tgt Ion: 42 Resp: 47165

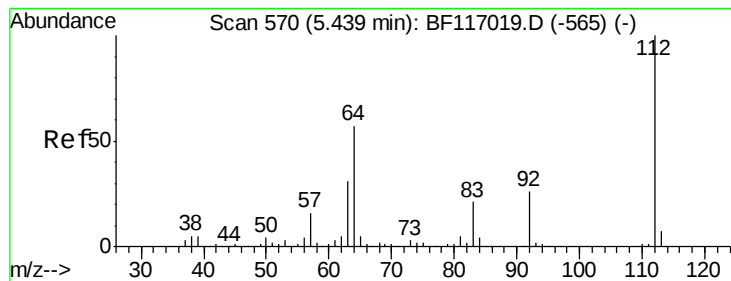
Ion Ratio Lower Upper

42 100

74 161.6 127.1 190.7

44 5.6 4.3 6.5





#5

2-Fluorophenol

Concen: 77.937 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117073.D

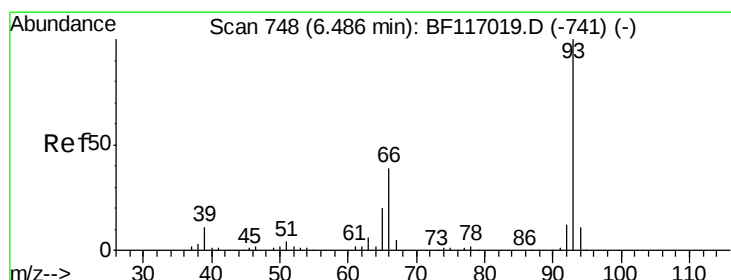
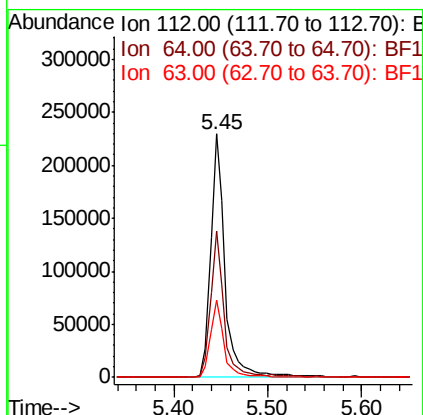
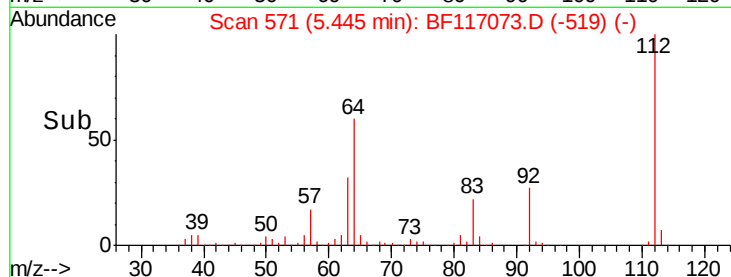
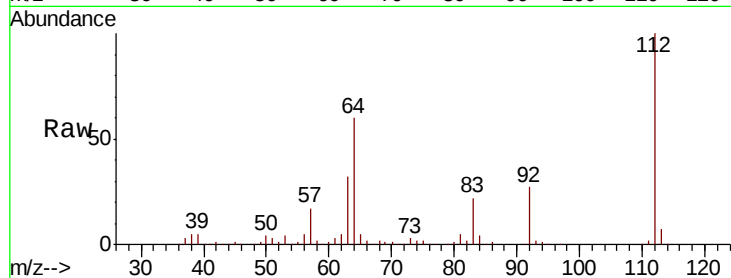
Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	249564
Ion	Ratio	Lower	Upper
112	100		
64	60.0	45.7	68.5
63	31.7	24.9	37.3



#6

Aniline

Concen: 38.886 ng

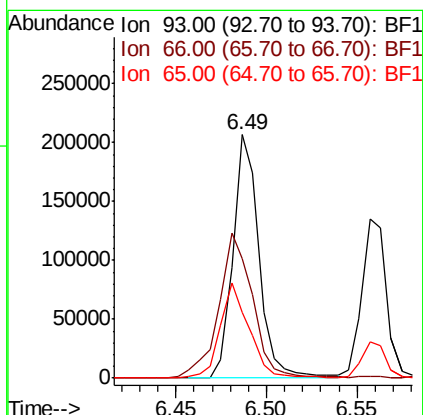
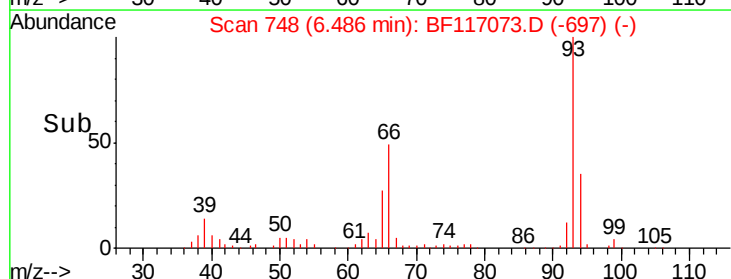
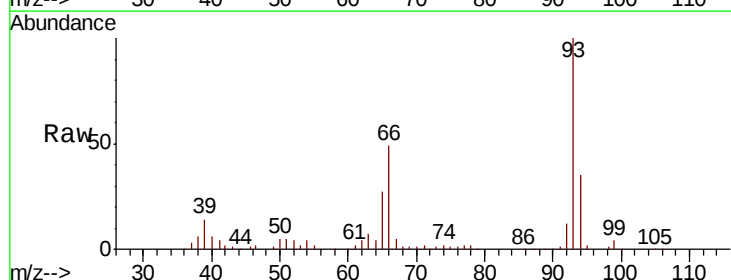
RT: 6.49 min Scan# 748

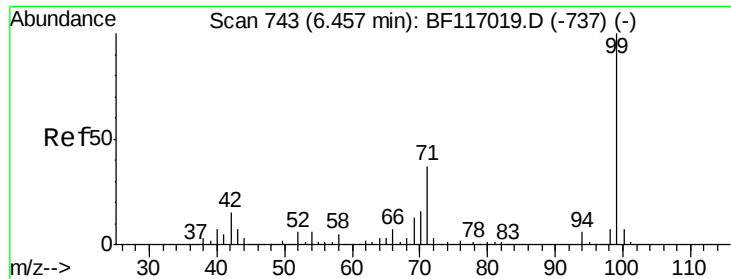
Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Tgt Ion:	93	Resp:	207186
Ion	Ratio	Lower	Upper
93	100		
66	49.2	32.6	49.0#
65	26.8	16.7	25.1#





#7

Phenol-d6

Concen: 77.773 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

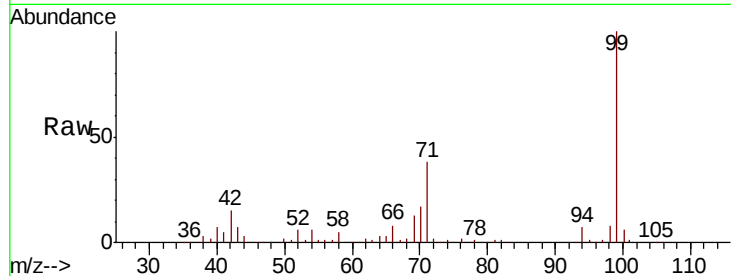
Tot Ion: 99 Resp: 321848

Ion Ratio Lower Upper

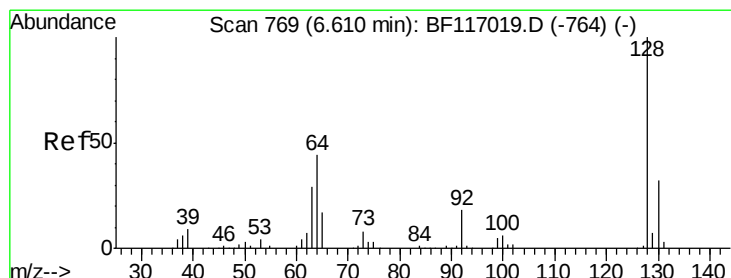
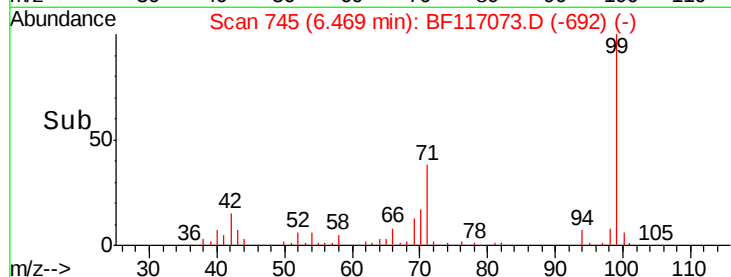
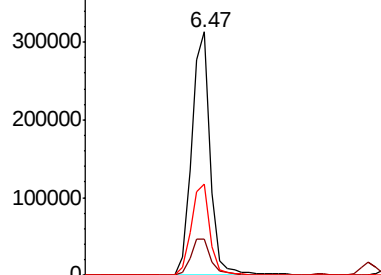
99 100

42 15.0 12.2 18.2

71 37.7 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: 38.534 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

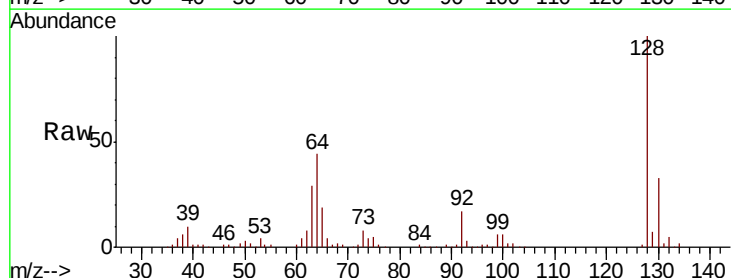
Tgt Ion: 128 Resp: 133114

Ion Ratio Lower Upper

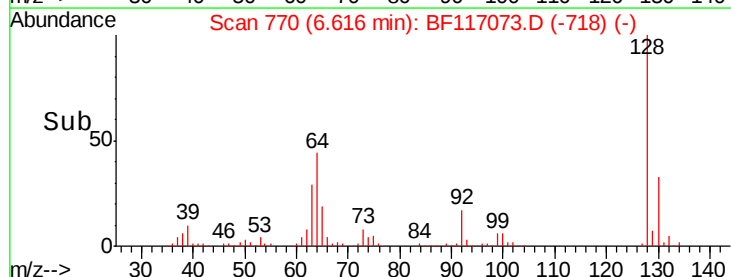
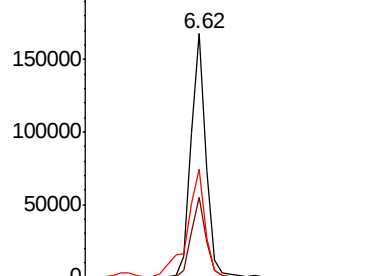
128 100

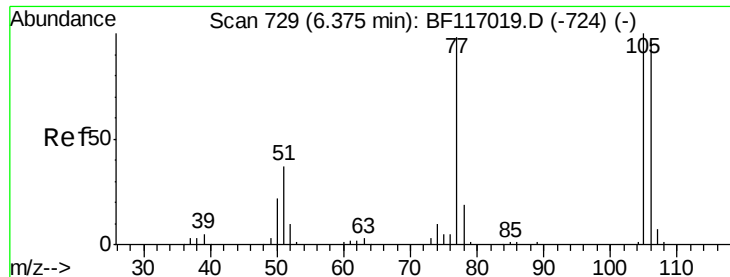
130 33.0 11.8 51.8

64 44.3 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

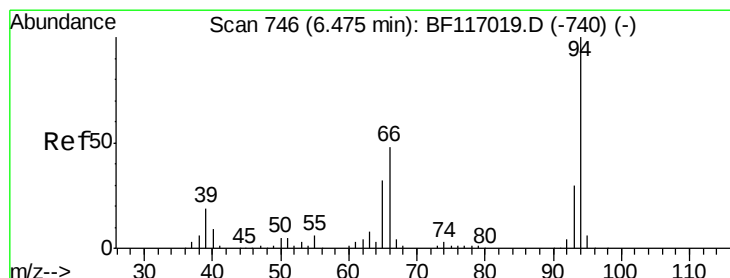
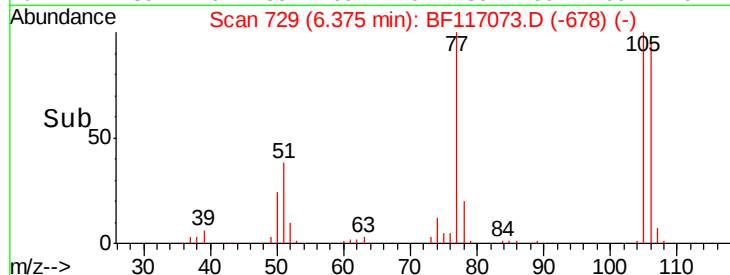
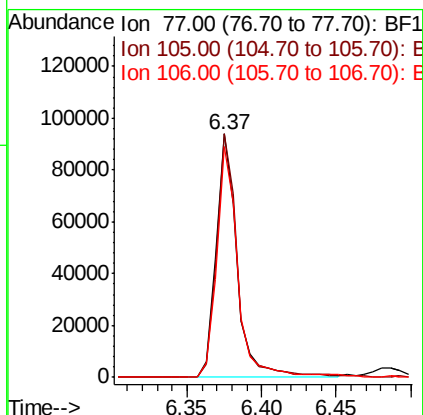
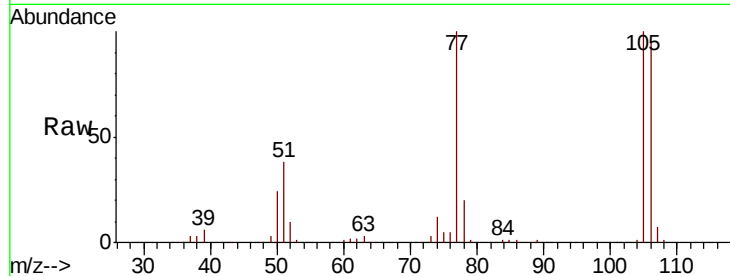




#9
Benzaldehyde
Concen: 46.234 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

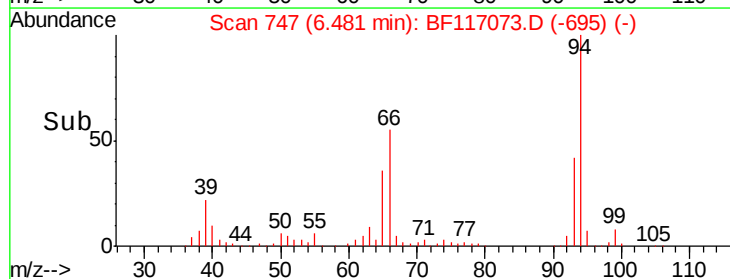
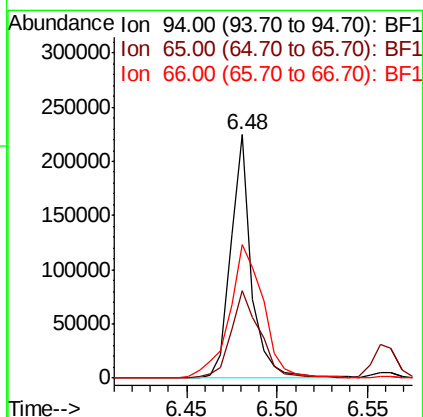
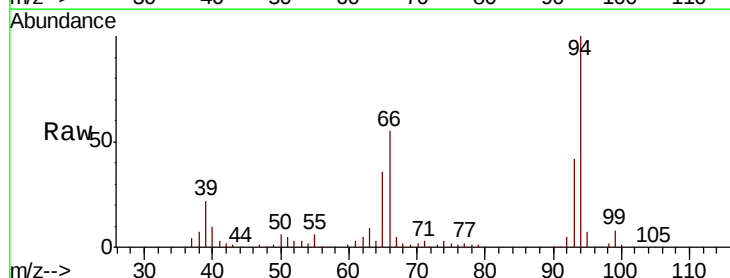
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 92558
Ion Ratio Lower Upper
77 100
105 100.0 81.8 121.8
106 94.8 77.3 117.3



#10
Phenol
Concen: 39.187 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion: 94 Resp: 178777
Ion Ratio Lower Upper
94 100
65 35.8 12.5 52.5
66 54.9 28.9 68.9

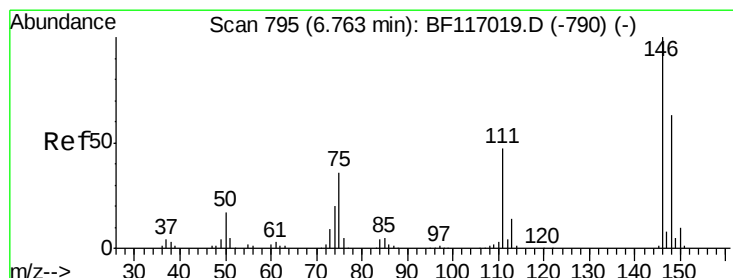
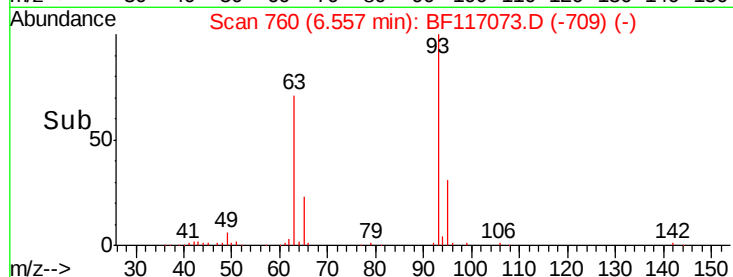
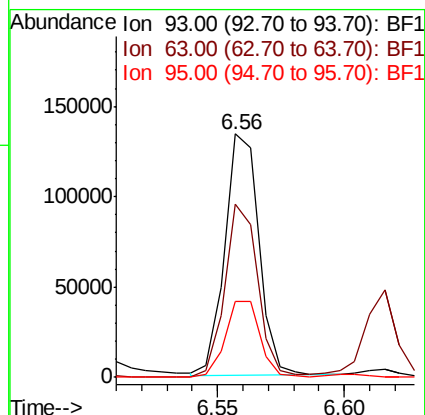
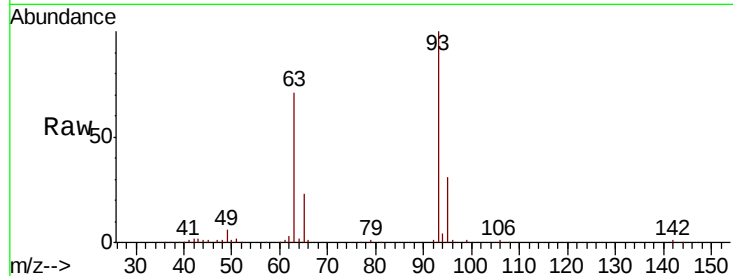




#11
bis(2-Chloroethyl)ether
Concen: 37.205 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

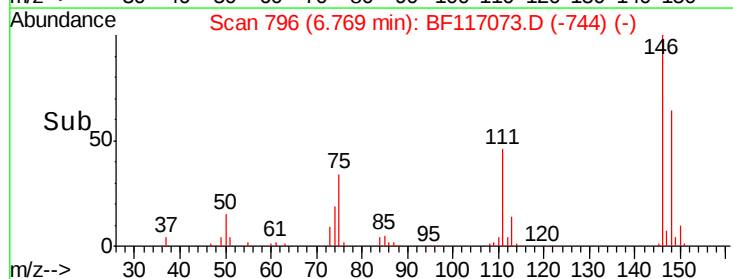
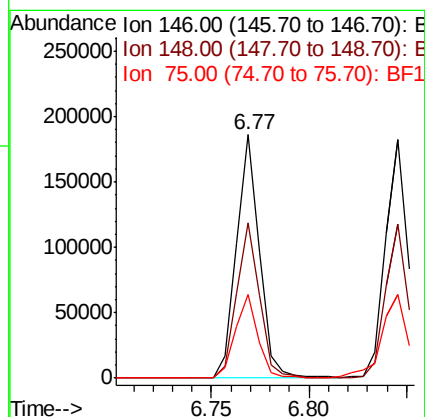
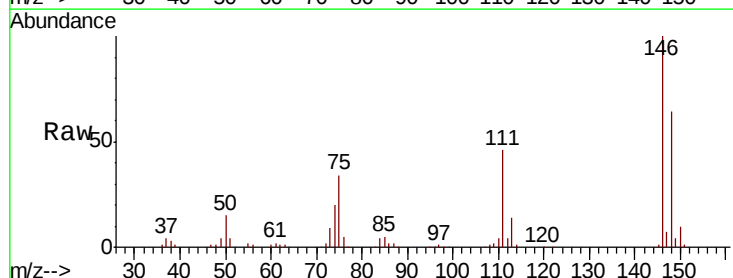
Instrument :
BNA_F
ClientSampleId :

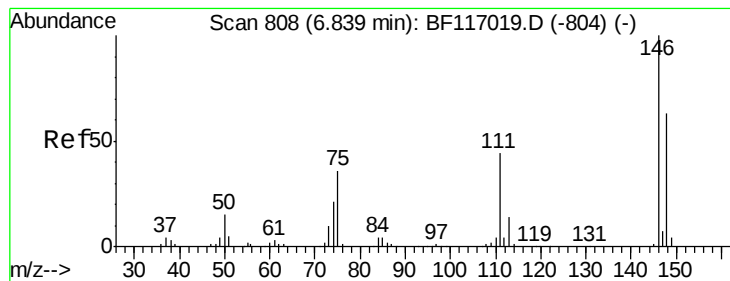
Tot Ion: 93 Resp: 124747
Ion Ratio Lower Upper
93 100
63 71.1 49.3 89.3
95 31.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.323 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion: 146 Resp: 152430
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
75 34.3 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 38.254 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampled :

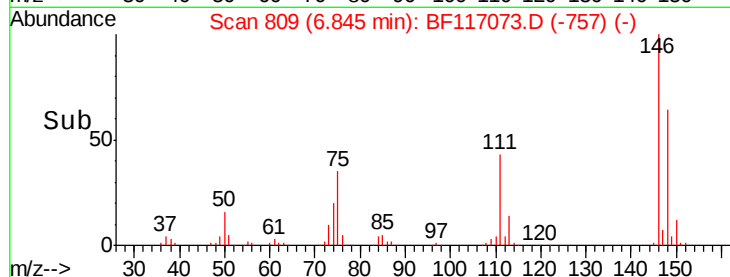
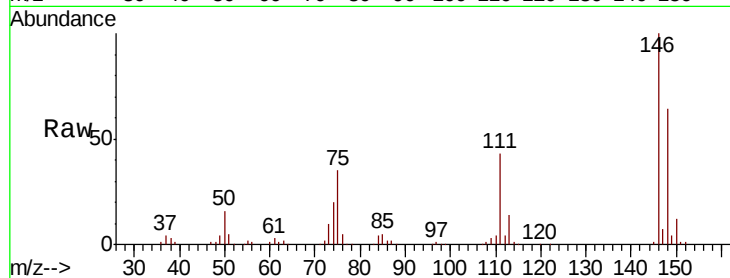
Tot Ion:146 Resp: 151327

Ion Ratio Lower Upper

146 100

148 64.4 50.6 76.0

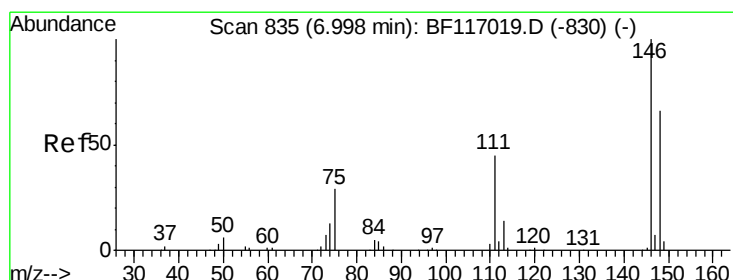
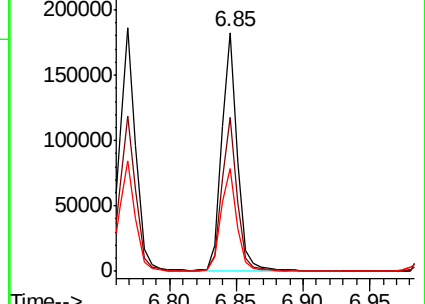
111 43.2 35.0 52.6



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: 38.785 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

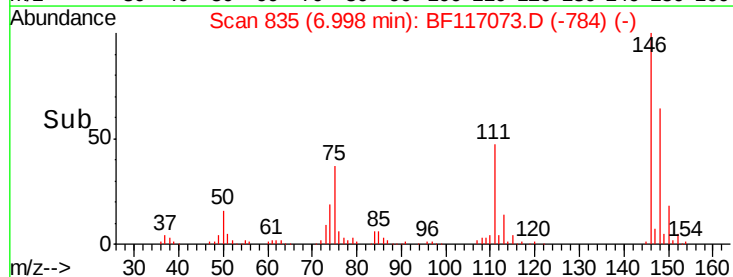
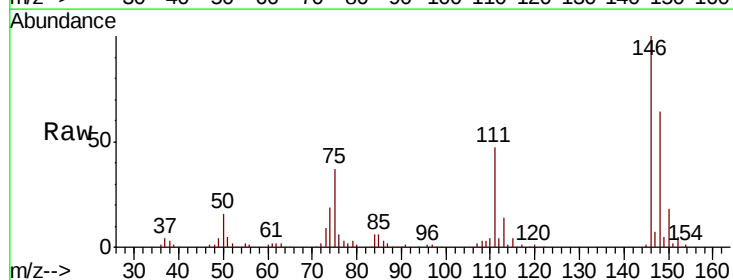
Tgt Ion:146 Resp: 142849

Ion Ratio Lower Upper

146 100

148 64.0 52.6 78.8

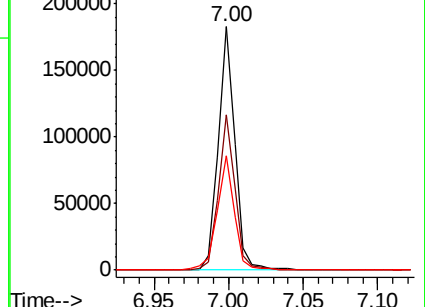
111 46.8 36.2 54.2

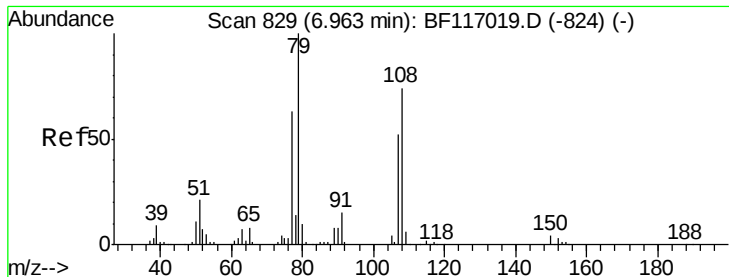


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.615 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

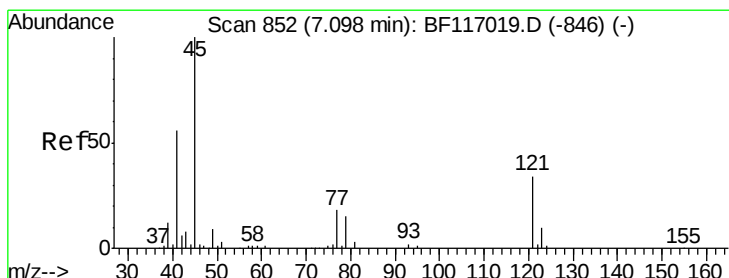
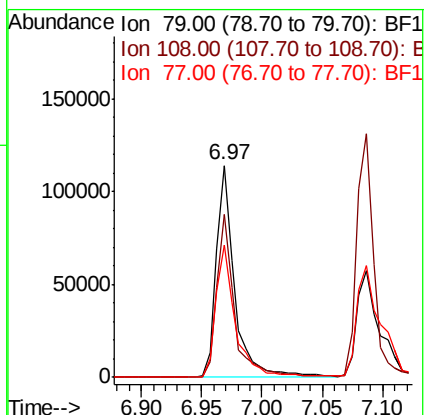
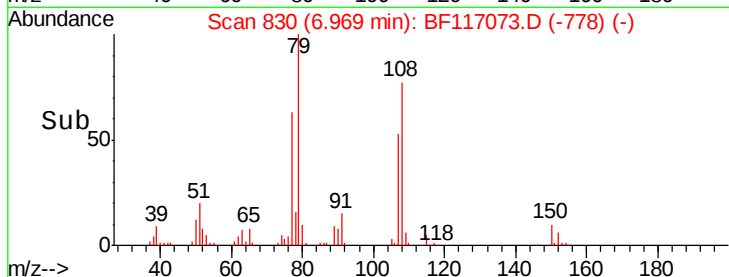
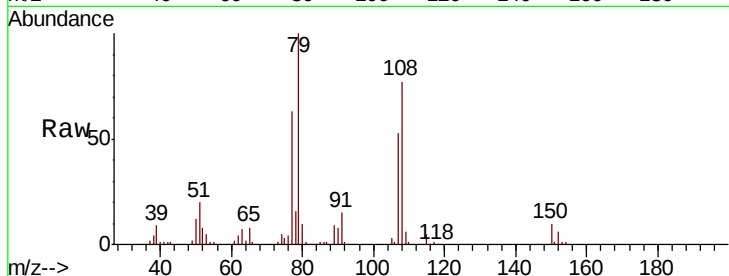
Tot Ion: 79 Resp: 119369

Ion Ratio Lower Upper

79 100

108 77.0 59.4 89.0

77 62.7 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.264 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

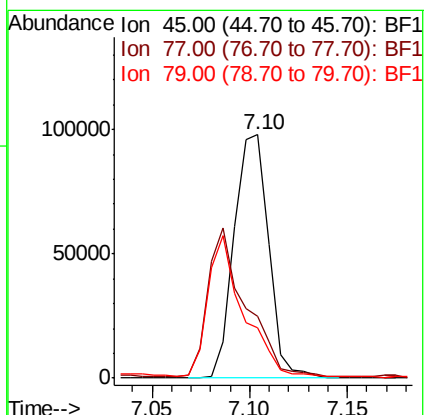
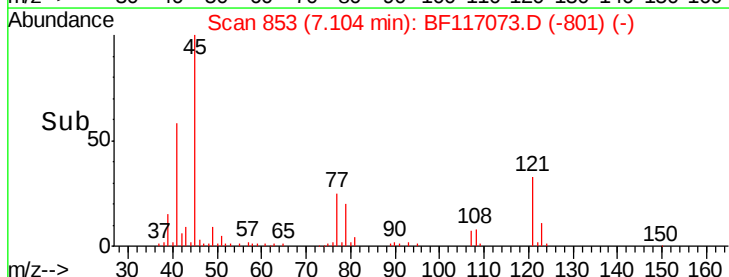
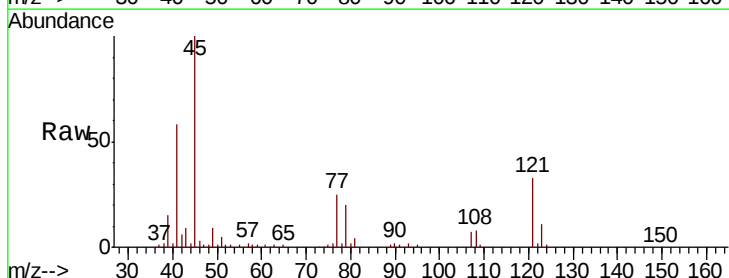
Tgt Ion: 45 Resp: 120131

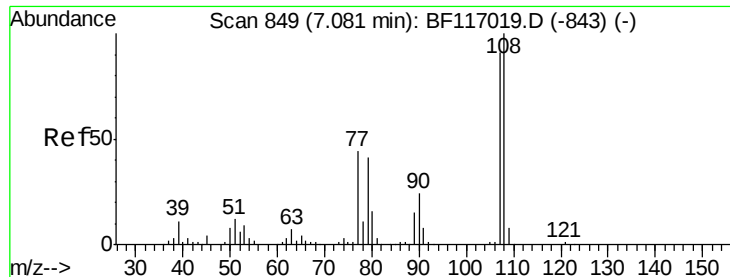
Ion Ratio Lower Upper

45 100

77 25.2 2.7 42.7

79 20.4 0.0 38.9

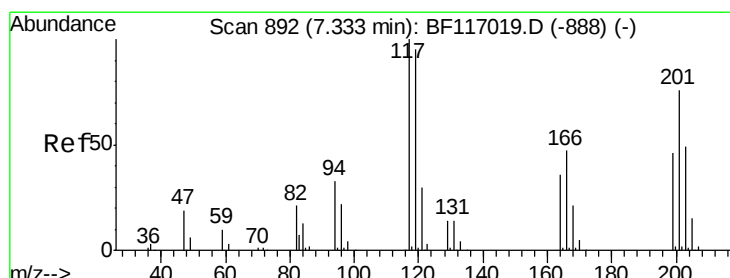
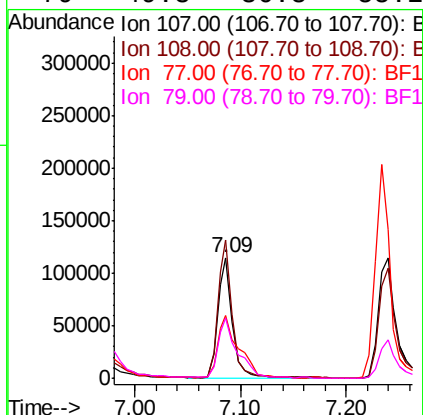
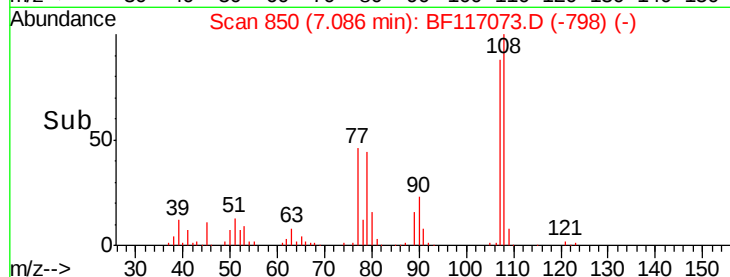
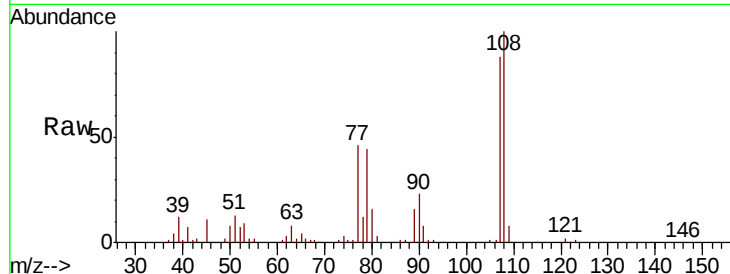




#17
2-Methylphenol
Concen: 38.615 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

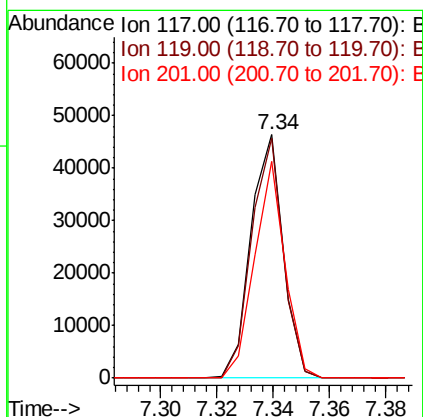
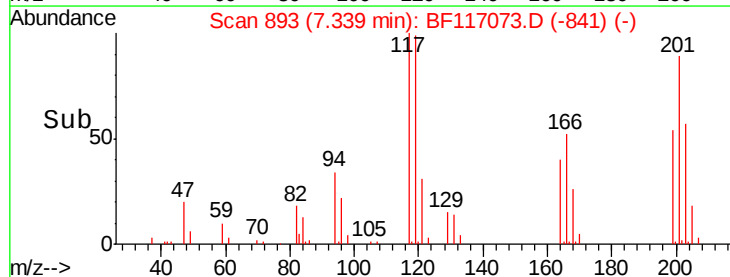
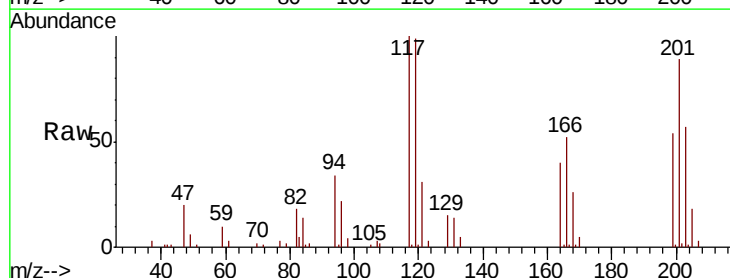
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	111795
Ion	Ratio	Lower	Upper
107	100		
108	114.1	87.7	131.5
77	52.5	38.6	58.0
79	49.8	36.8	55.2



#18
Hexachloroethane
Concen: 24.173 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:	117	Resp:	36787
Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.8	113.8
201	89.2	60.9	91.3

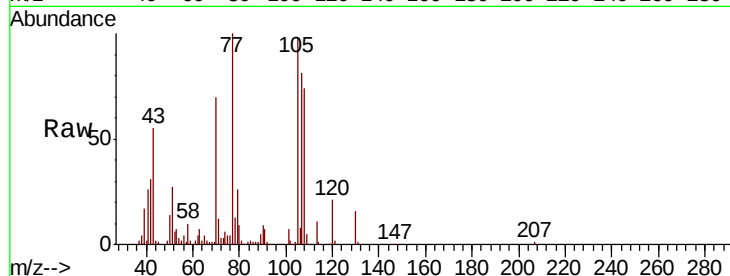




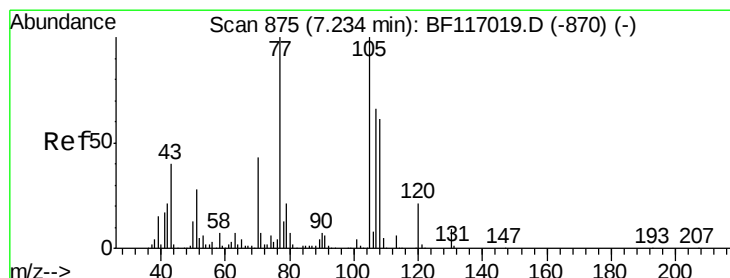
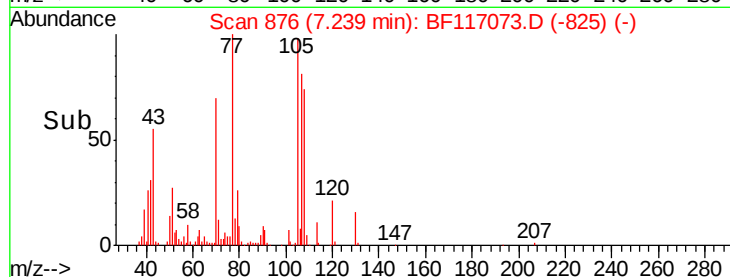
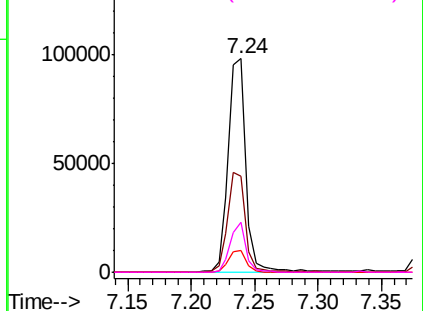
#19
n-Nitroso-di-n-propylamine
Concen: 37.847 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 95370
Ion Ratio Lower Upper
70 100
42 44.9 34.0 51.0
101 10.5 7.8 11.6
130 23.2 17.8 26.8

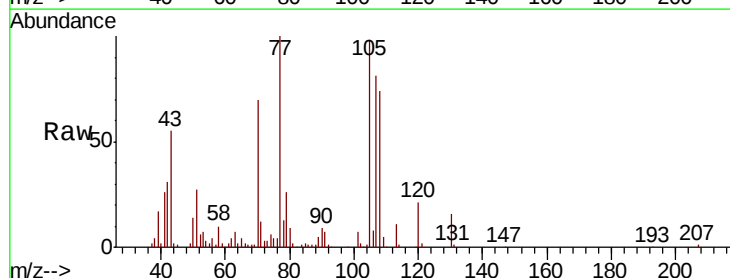


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

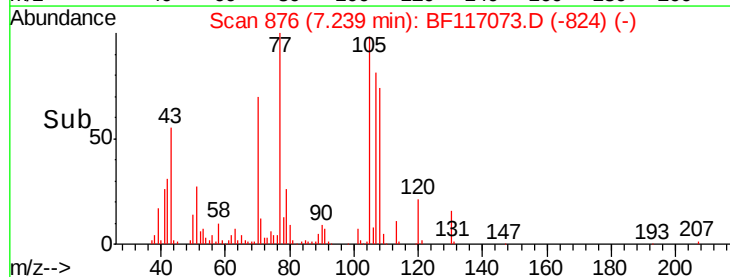
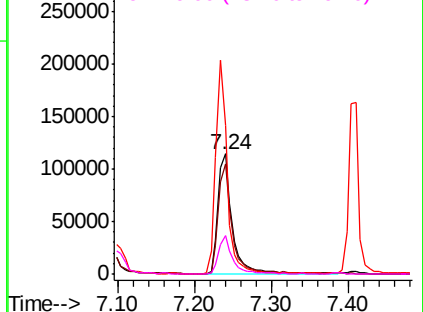


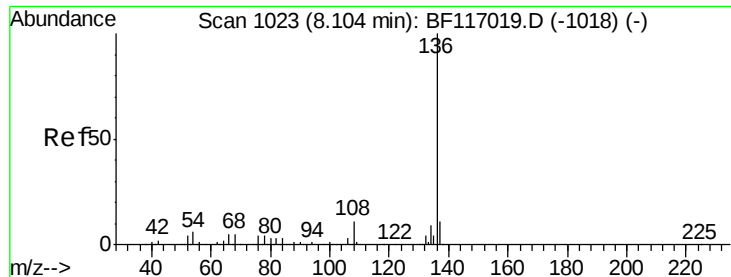
#20
3+4-Methylphenols
Concen: 41.147 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:107 Resp: 148383
Ion Ratio Lower Upper
107 100
108 91.7 72.6 112.6
77 123.7 132.1 172.1#
79 31.9 12.1 52.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 206540

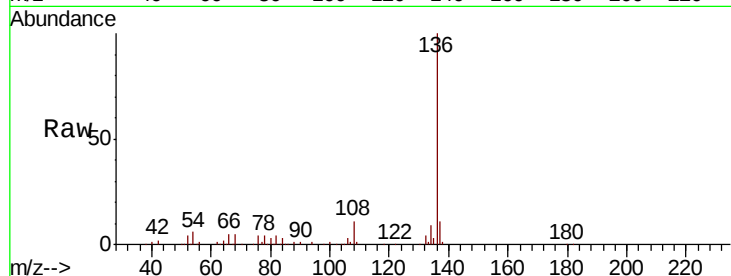
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.7 4.5 6.7

68 4.8 4.0 6.0

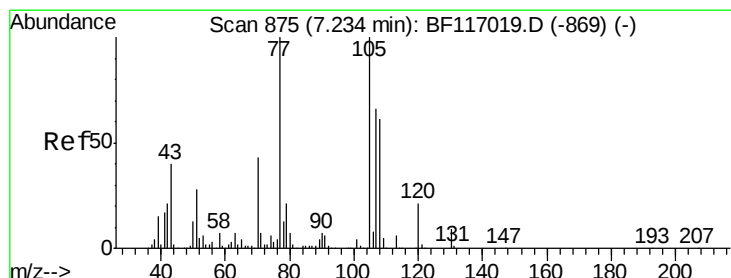
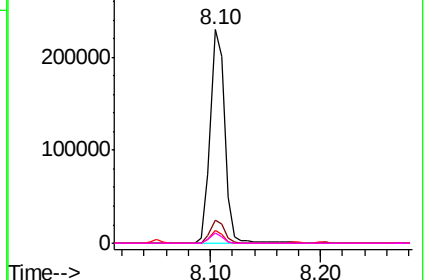
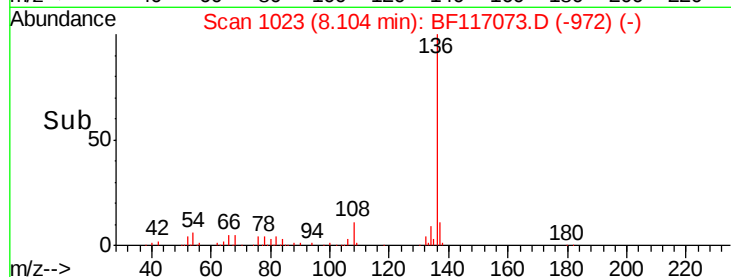


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.263 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Tgt Ion:105 Resp: 206036

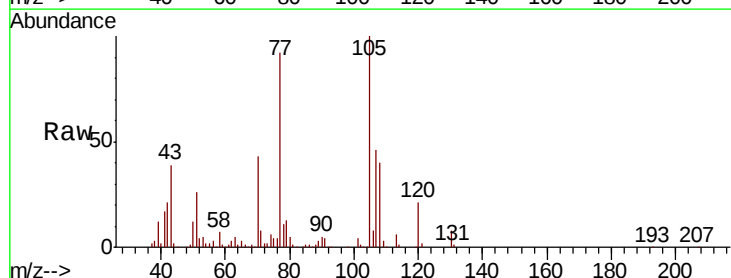
Ion Ratio Lower Upper

105 100

71 7.5 5.7 8.5

51 25.7 22.1 33.1

120 20.7 17.1 25.7

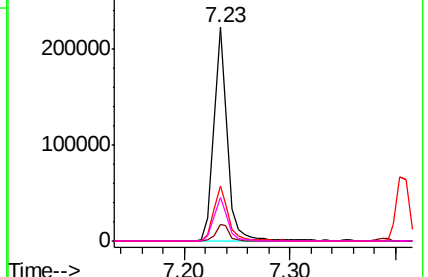
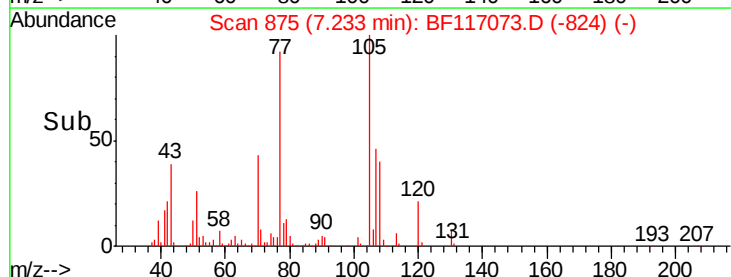


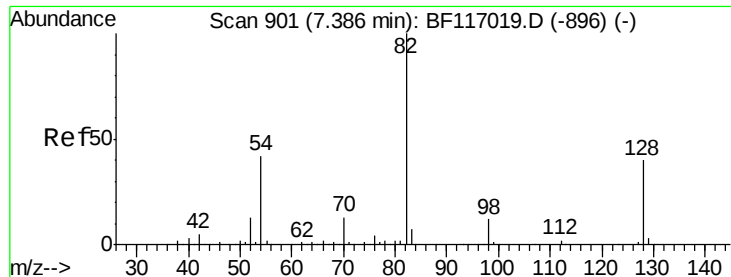
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

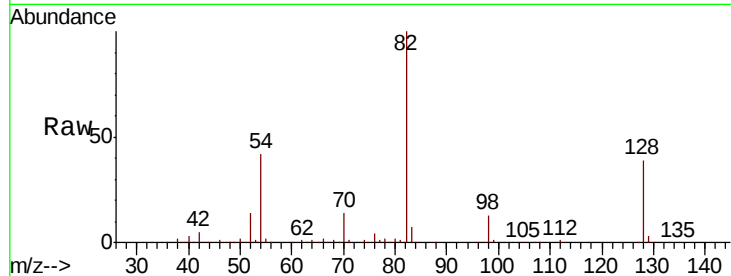




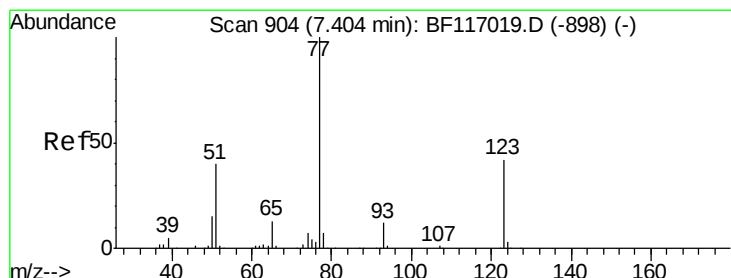
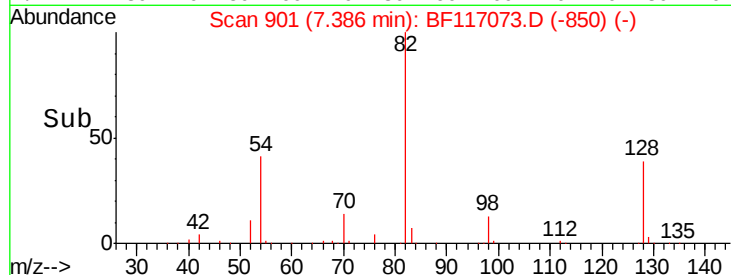
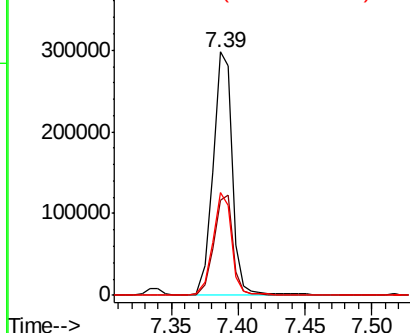
#23
 Nitrobenzene-d5
 Concen: 77.544 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	304821
Ion Ratio	100	Lower	Upper
128	38.9	32.3	48.5
54	42.2	33.3	49.9

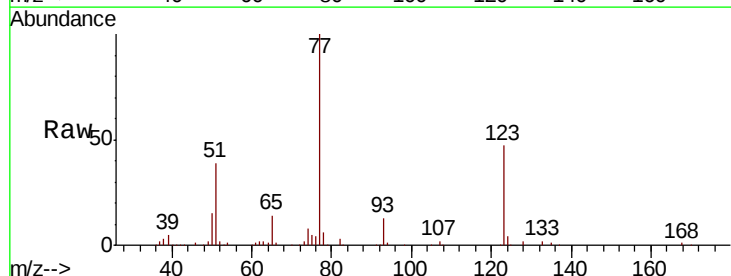


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

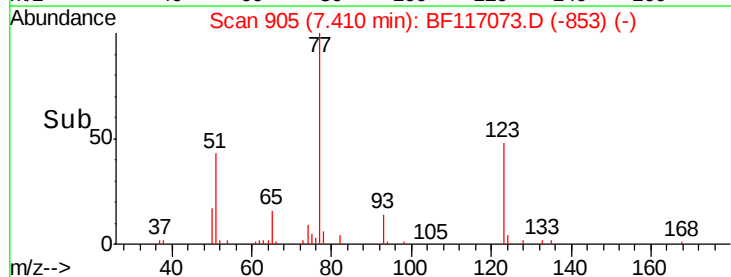
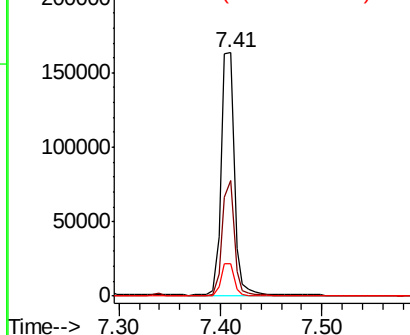


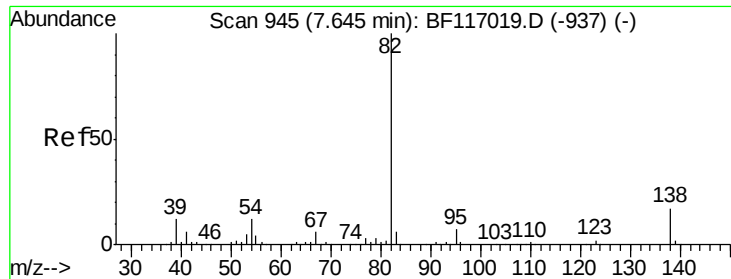
#24
 Nitrobenzene
 Concen: 38.396 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion	77	Resp	149050
Ion Ratio	100	Lower	Upper
123	47.3	33.5	50.3
65	13.5	10.5	15.7



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





#25

Isophorone

Concen: 36.806 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

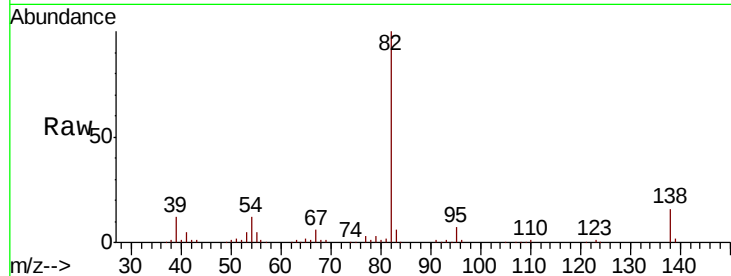
Tot Ion: 82 Resp: 256172

Ion Ratio Lower Upper

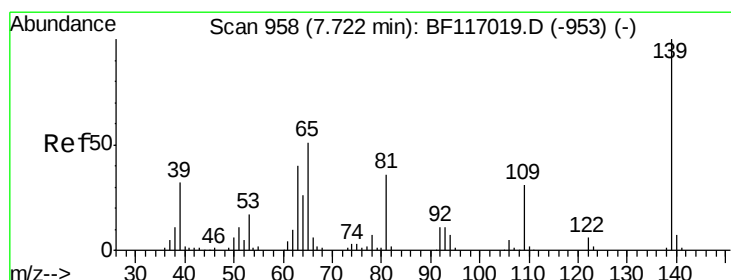
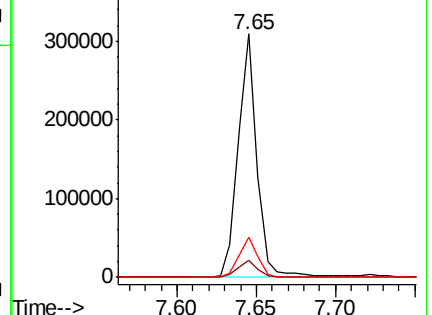
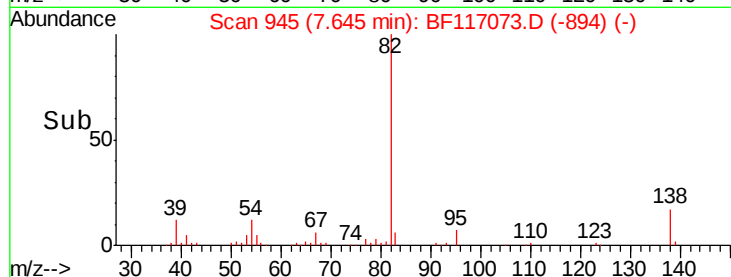
82 100

95 6.9 5.8 8.6

138 16.4 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: 21.704 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

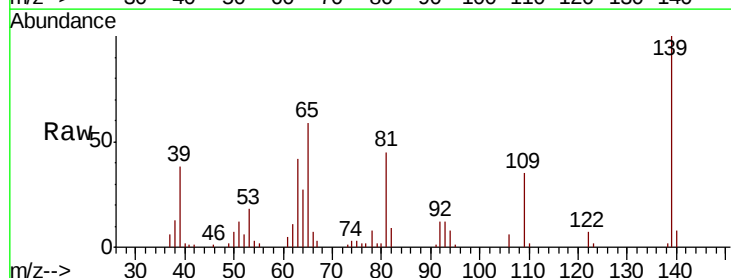
Tgt Ion: 139 Resp: 36189

Ion Ratio Lower Upper

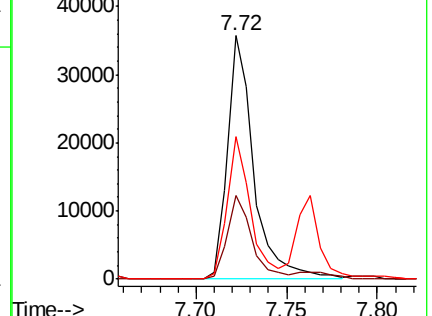
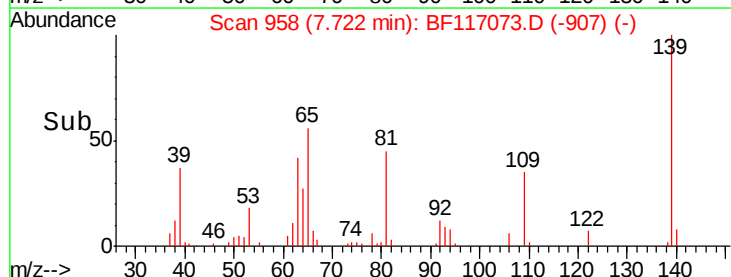
139 100

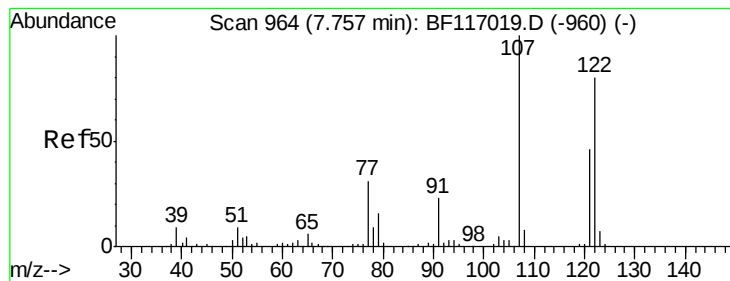
109 34.5 24.6 36.8

65 58.7 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: 37.074 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

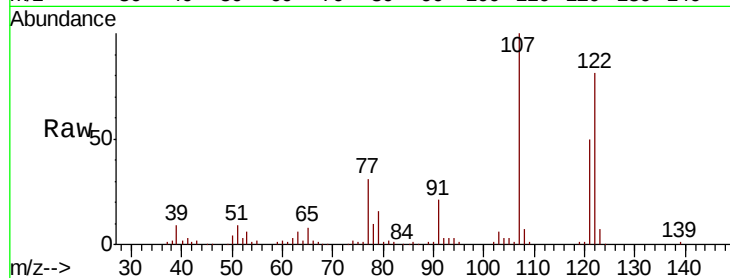
Tot Ion:122 Resp: 98030

Ion Ratio Lower Upper

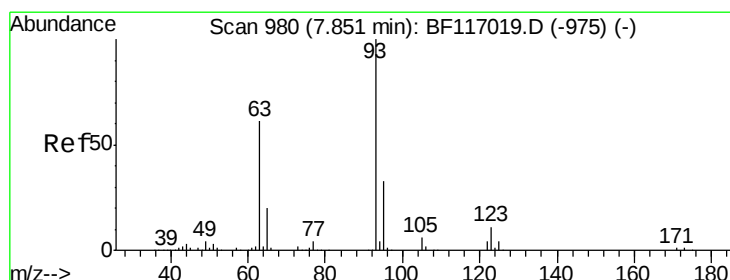
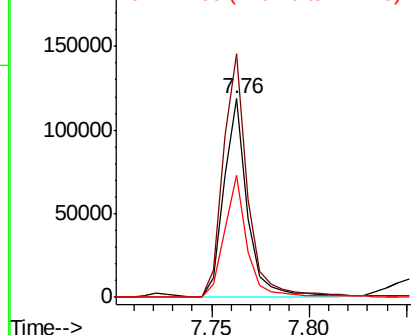
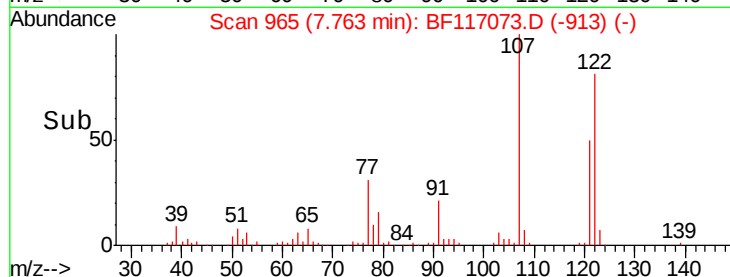
122 100

107 122.8 98.9 148.3

121 61.8 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: 37.158 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

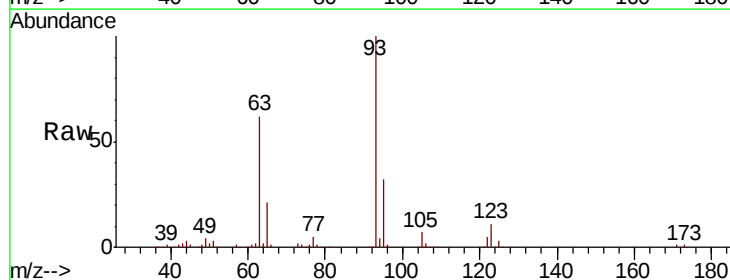
Tgt Ion: 93 Resp: 159340

Ion Ratio Lower Upper

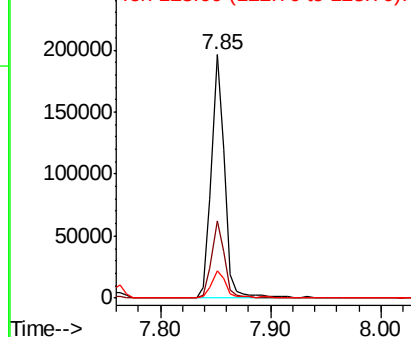
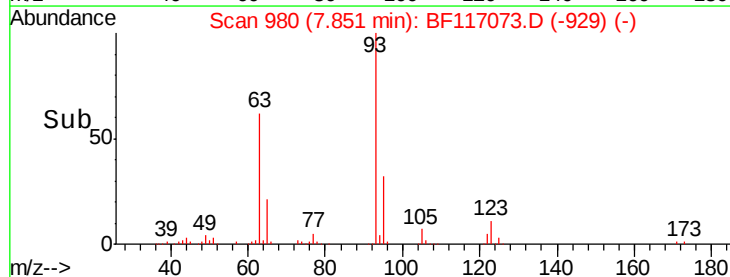
93 100

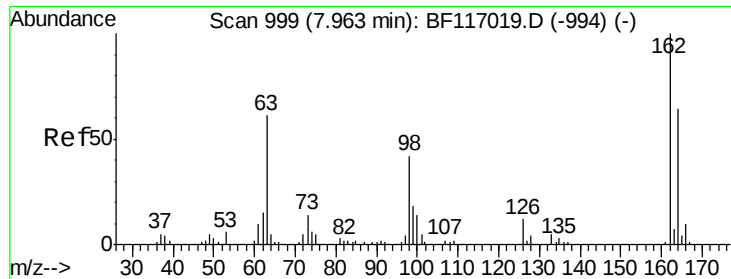
95 31.6 26.2 39.4

123 11.3 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

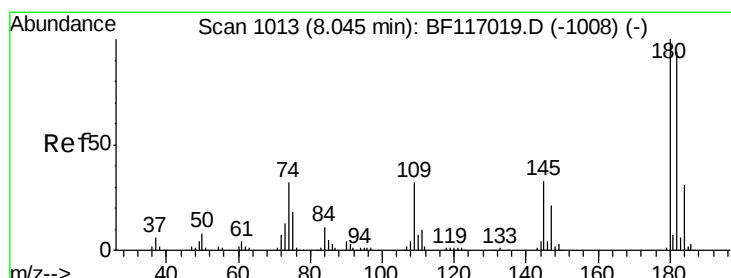
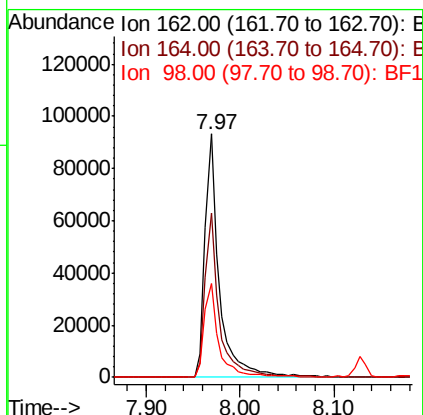
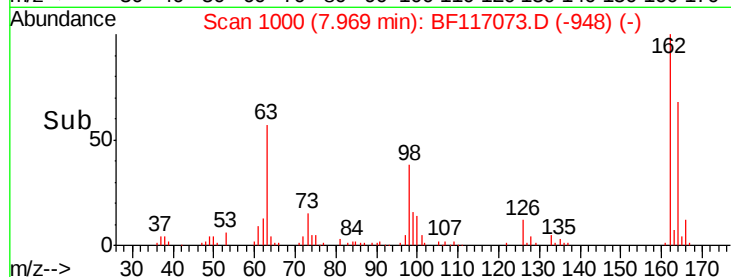
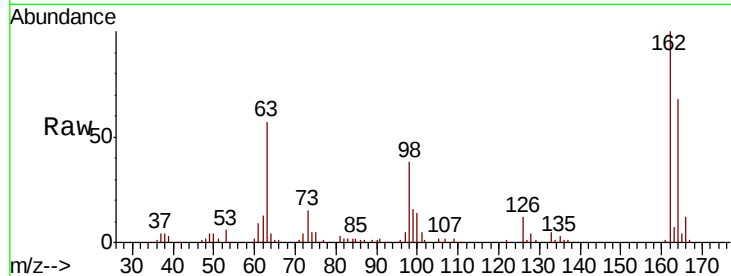




#29
2,4-Dichlorophenol
Concen: 36.103 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

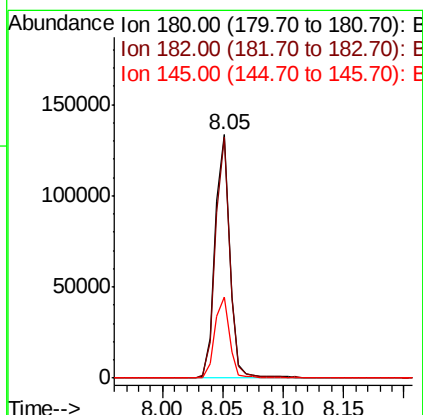
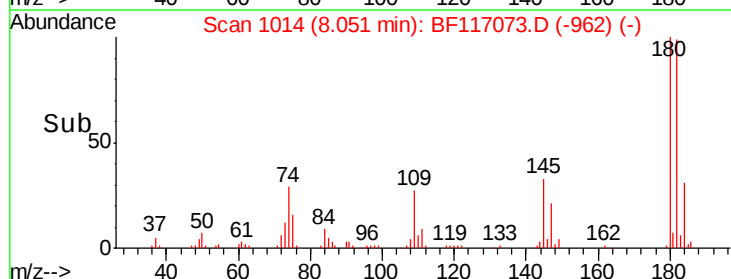
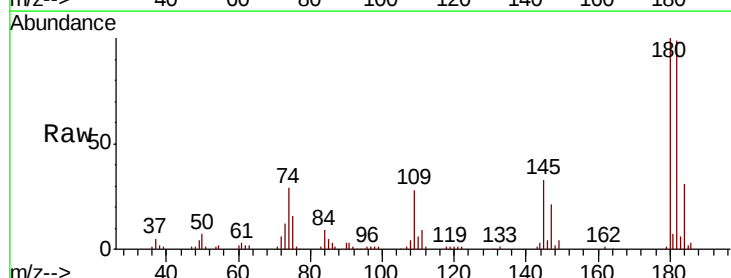
Instrument :
BNA_F
ClientSampled :

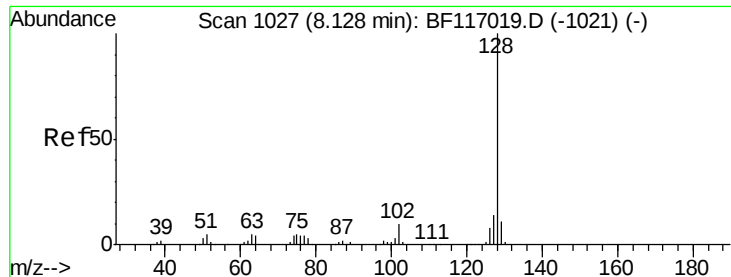
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	43.8	83.8
98	38.3	22.1	62.1



#30
1,2,4-Trichlorobenzene
Concen: 37.217 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	75.4	113.0
145	33.1	26.7	40.1

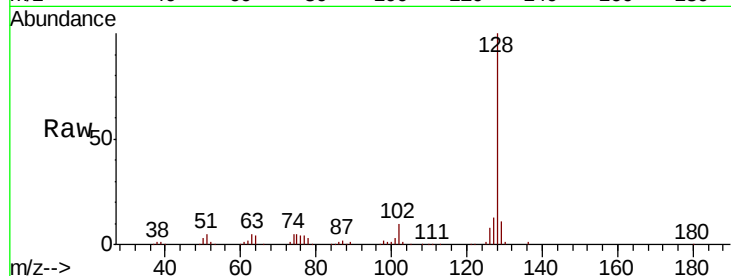




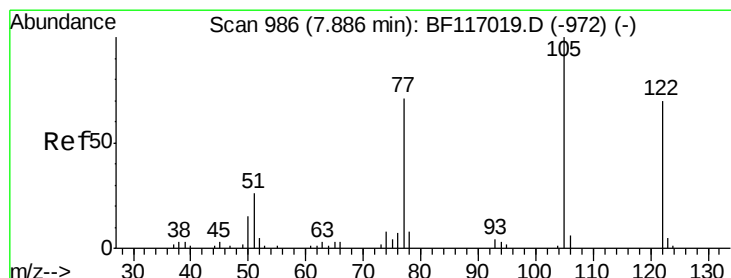
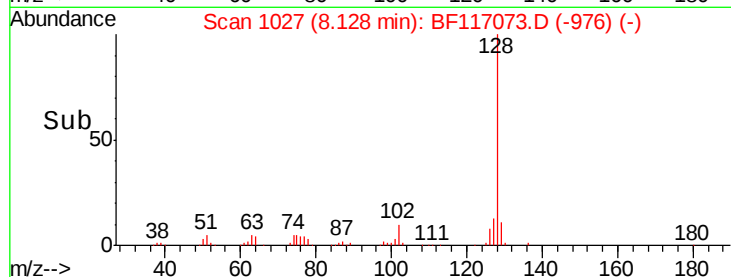
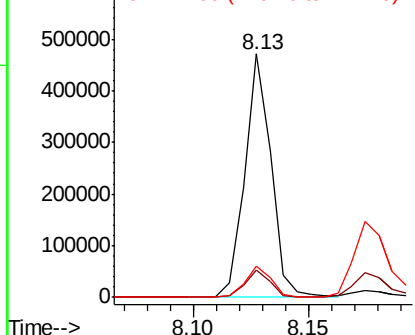
#31
Naphthalene
Concen: 37.614 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 373633
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.9 10.8 16.2

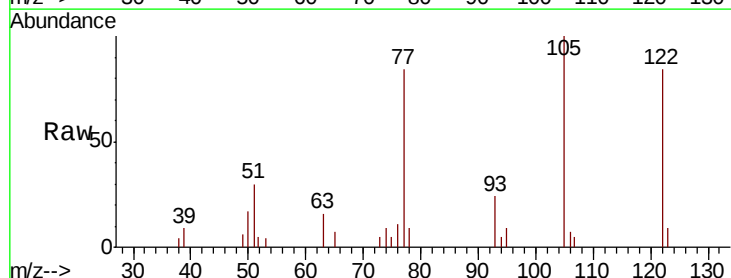


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

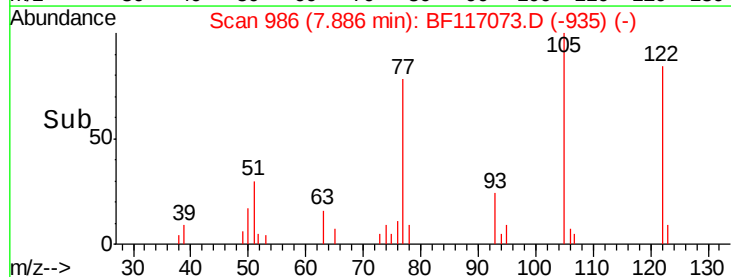
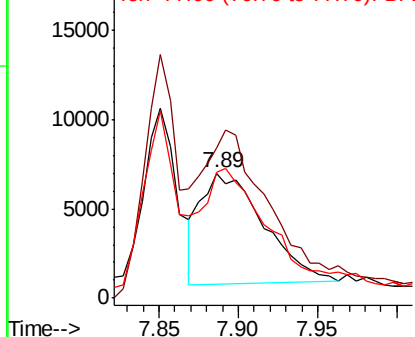


#32
Benzoic acid
Concen: 14.000 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:122 Resp: 17143
Ion Ratio Lower Upper
122 100
105 119.7 114.8 154.8
77 100.7 78.7 118.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

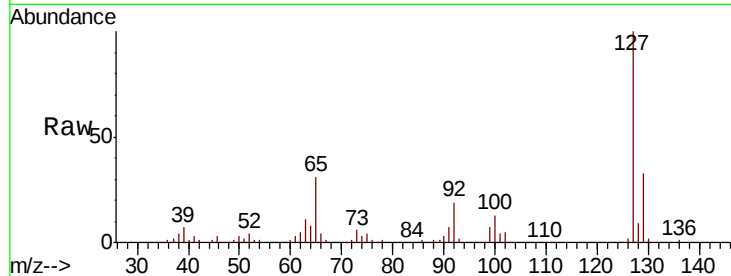




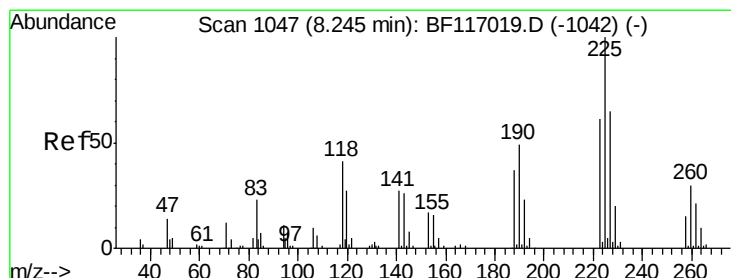
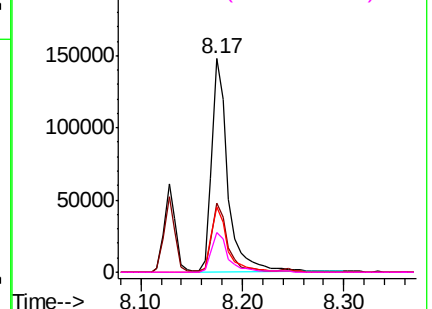
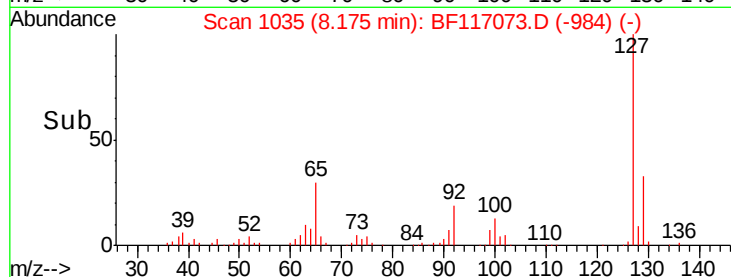
#33
4-Chloroaniline
Concen: 37.248 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	164105
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	30.6	23.5	35.3
92	18.9	15.9	23.9

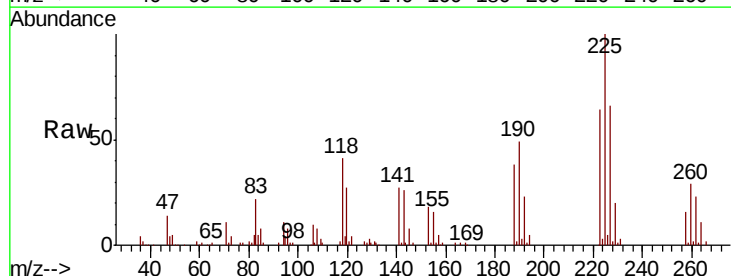


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

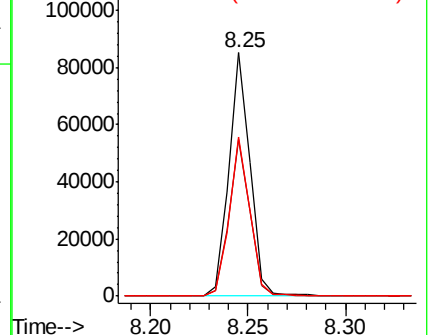
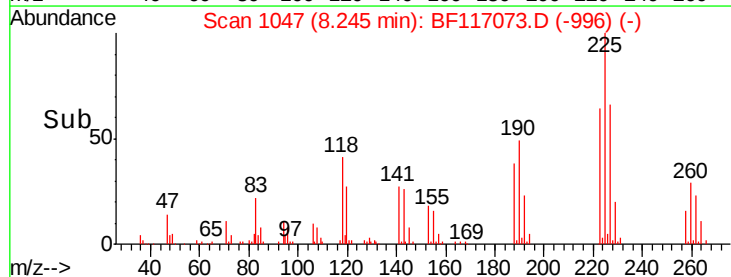


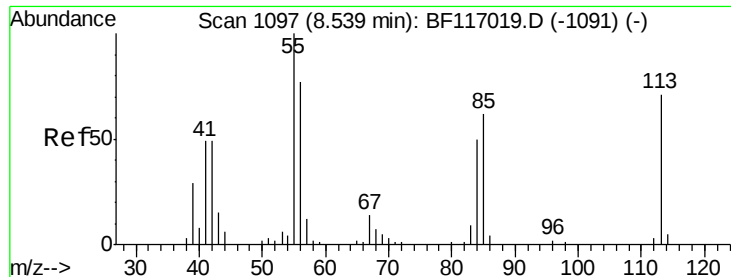
#34
Hexachlorobutadiene
Concen: 37.480 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:	225	Resp:	63650
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.1	73.7
227	65.5	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

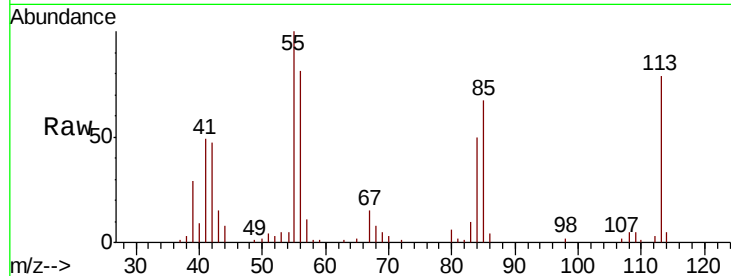




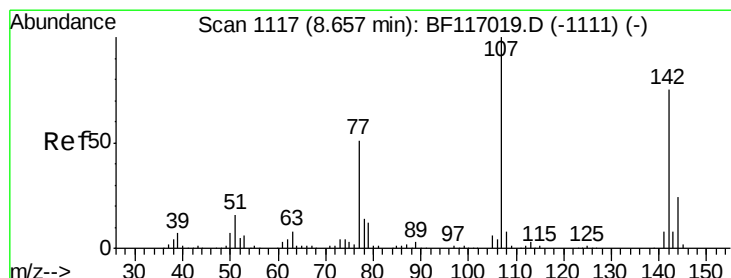
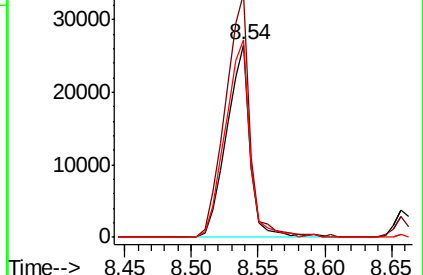
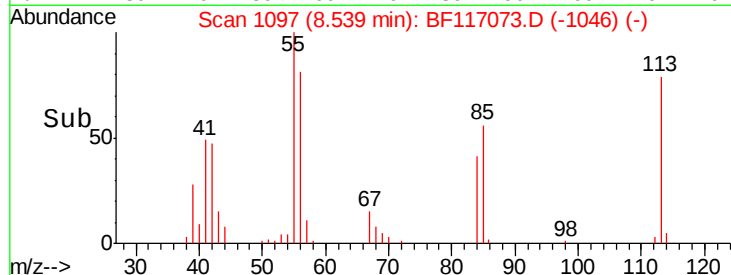
#35
 Caprolactam
 Concen: 35.217 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 33026
 Ion Ratio Lower Upper
 113 100
 55 126.3 120.6 160.6
 56 102.3 88.8 128.8

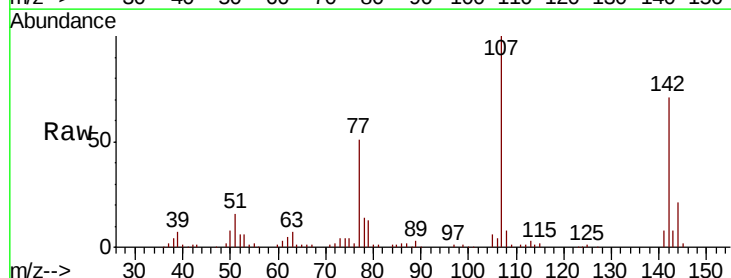


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

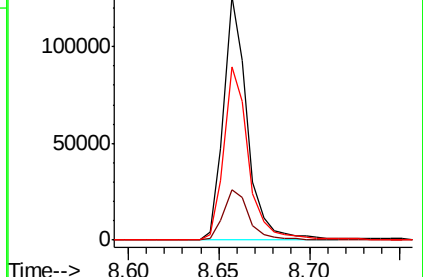
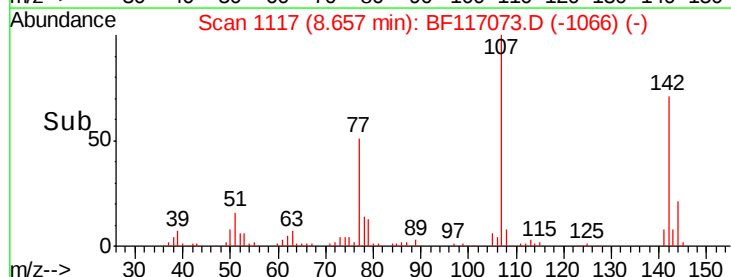


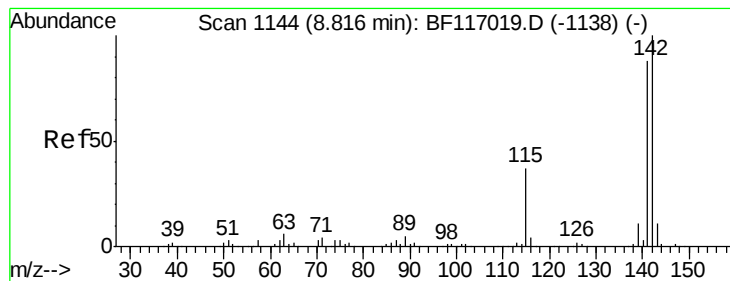
#36
 4-Chloro-3-methylphenol
 Concen: 35.848 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion:107 Resp: 115811
 Ion Ratio Lower Upper
 107 100
 144 20.9 19.2 28.8
 142 71.0 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: 36.416 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

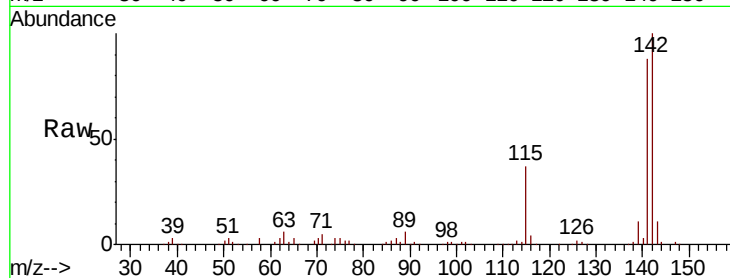
Tot Ion:142 Resp: 243590

Ion Ratio Lower Upper

142 100

141 87.9 70.7 106.1

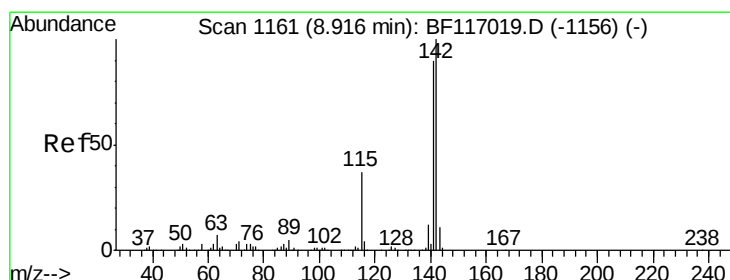
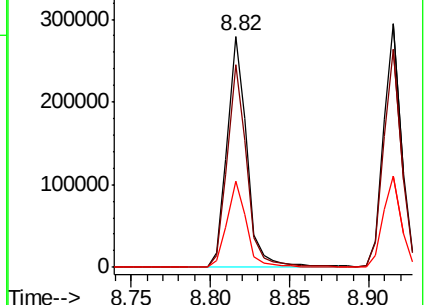
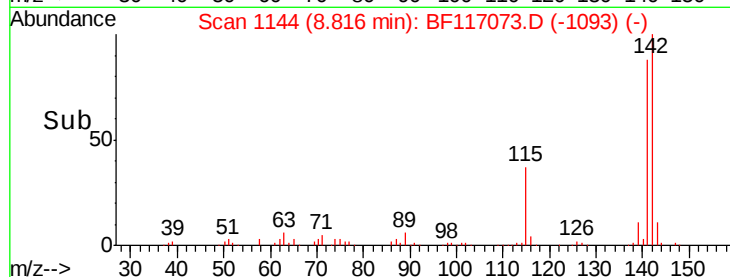
115 37.2 29.4 44.0



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: 36.659 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

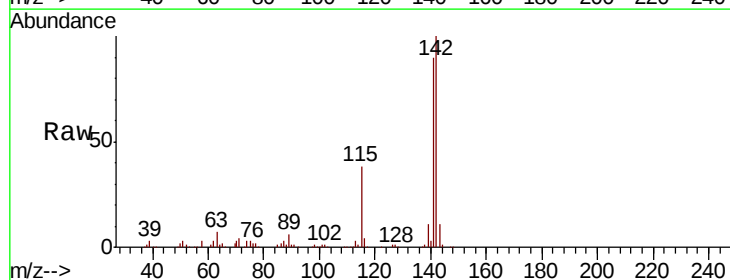
Tgt Ion:142 Resp: 229659

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9

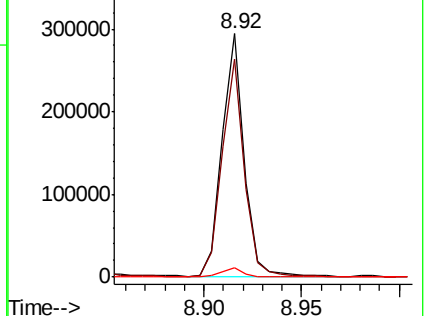
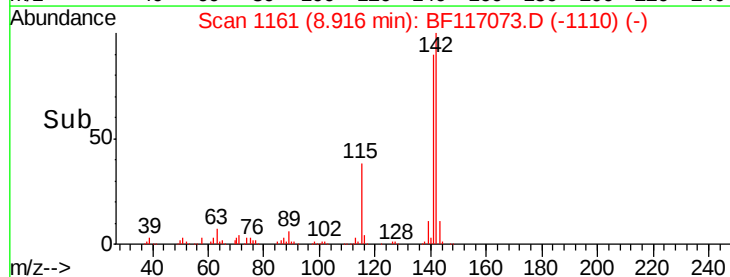
116 4.0 3.2 4.8

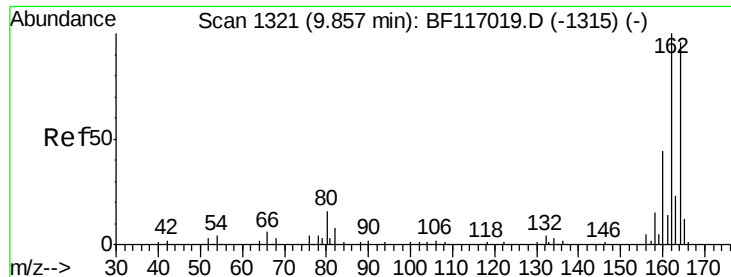


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

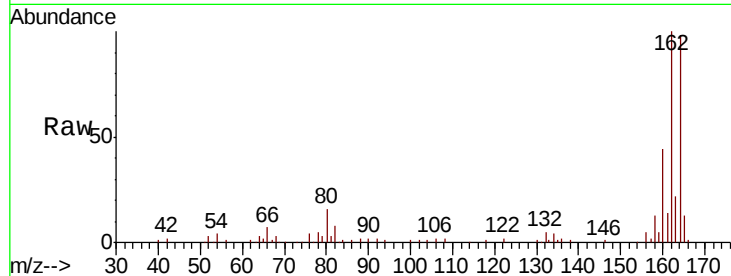




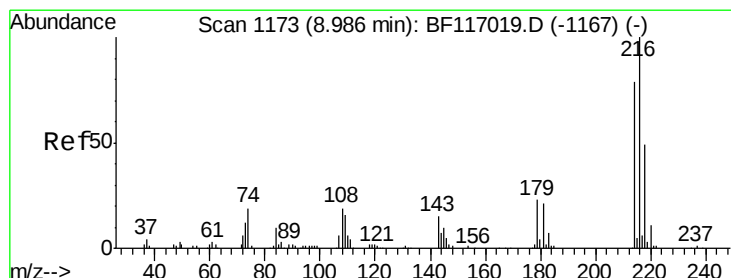
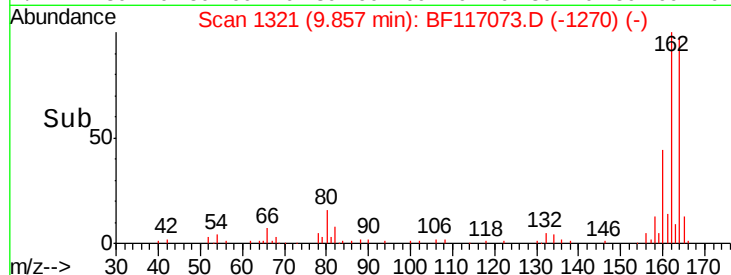
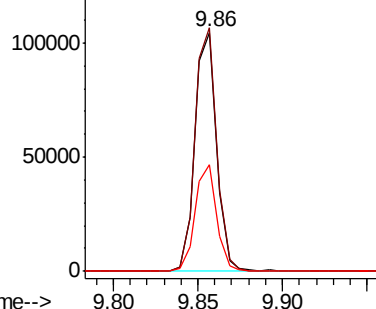
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 93061
Ion Ratio Lower Upper
164 100
162 101.9 83.4 125.2
160 44.8 36.4 54.6

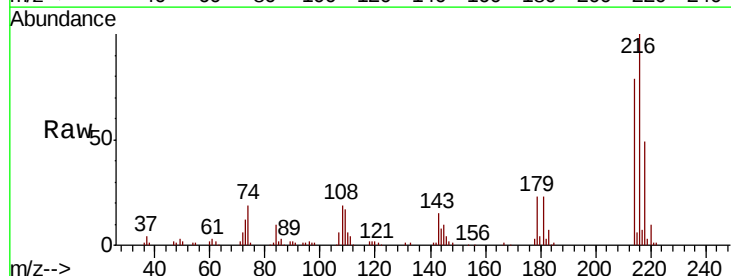


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

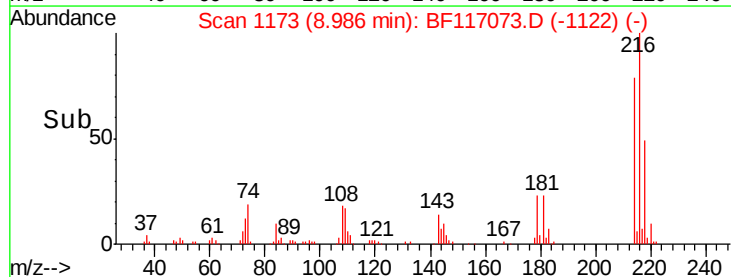
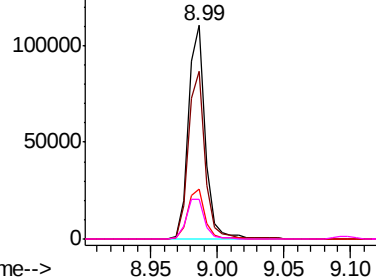


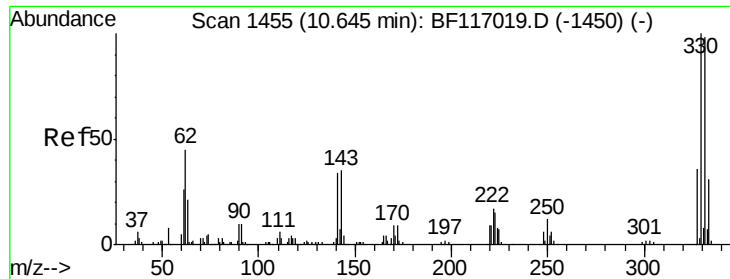
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.095 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:216 Resp: 98754
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 23.6 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





#42

2,4,6-Tribromophenol

Concen: 66.784 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

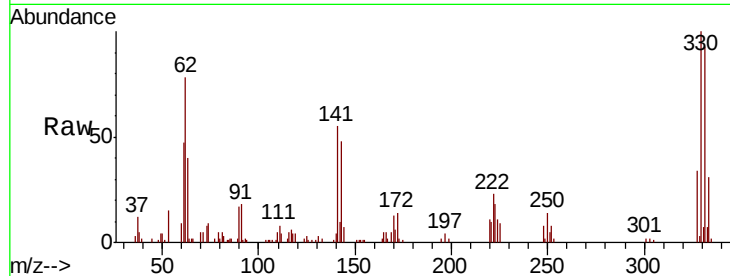
Tot Ion:330 Resp: 51943

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

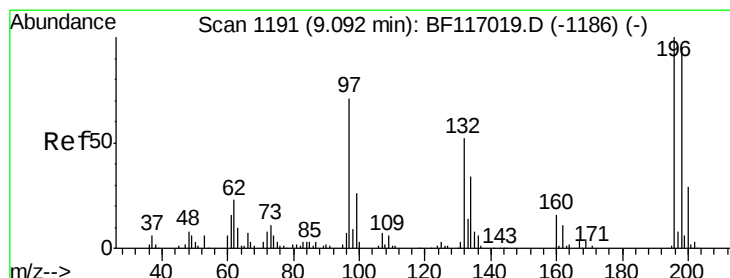
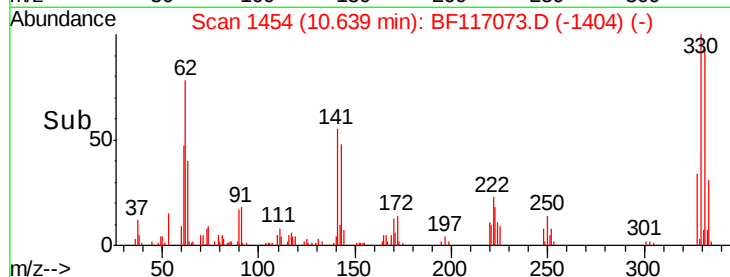
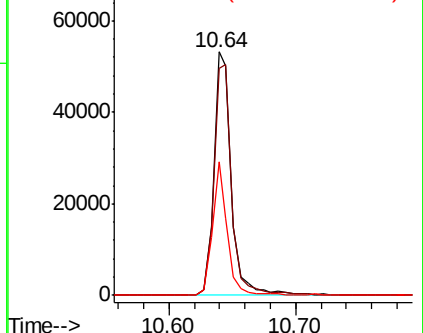
141 46.5 35.8 53.6



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: 37.149 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

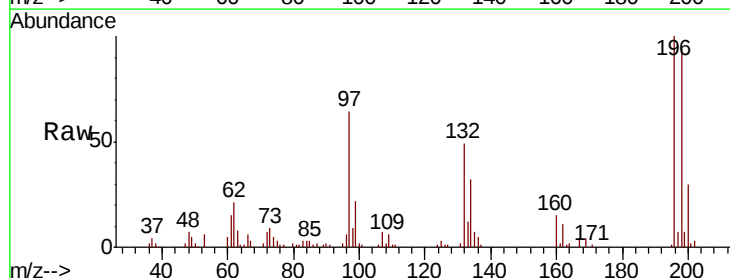
Tgt Ion:196 Resp: 60583

Ion Ratio Lower Upper

196 100

198 93.7 75.7 113.5

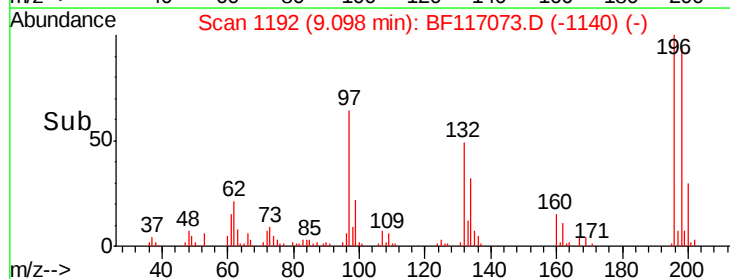
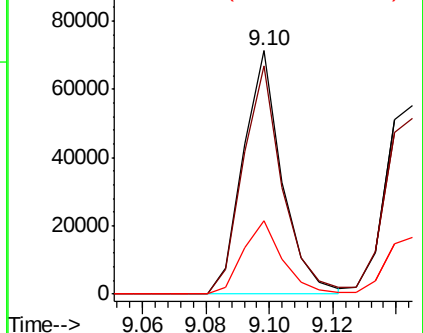
200 30.1 23.3 34.9

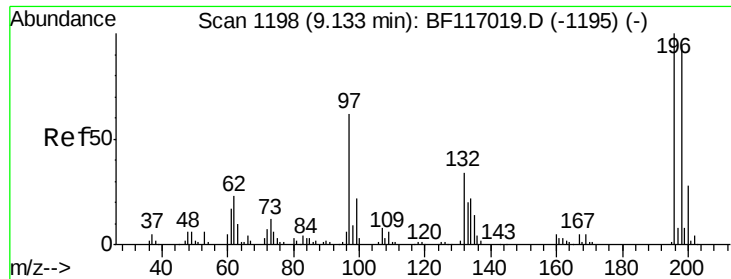


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

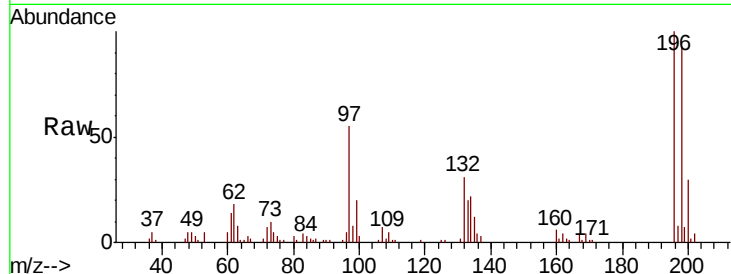




#44
 2,4,5-Trichlorophenol
 Concen: 36.103 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.6	112.0
97	55.2	49.5	74.3
132	31.2	27.4	41.2



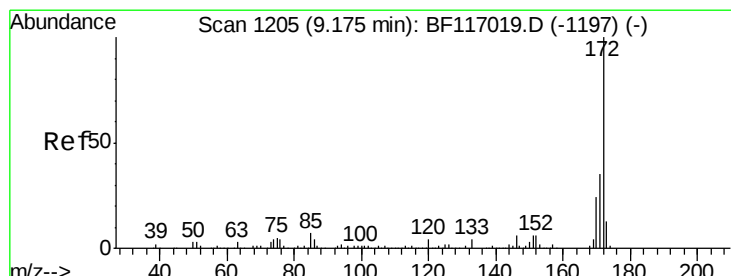
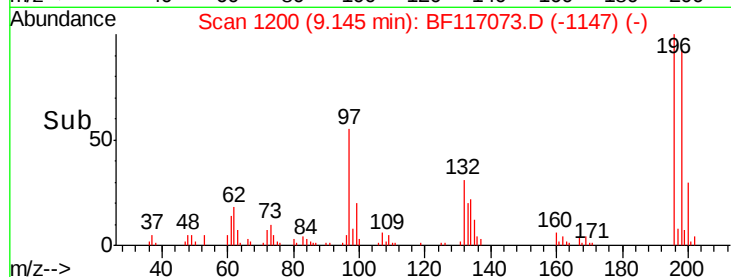
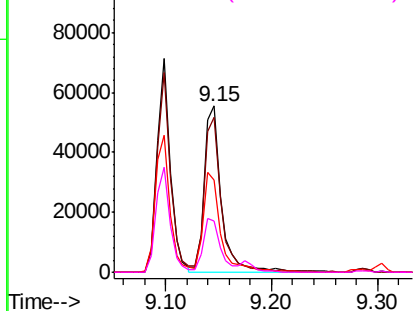
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

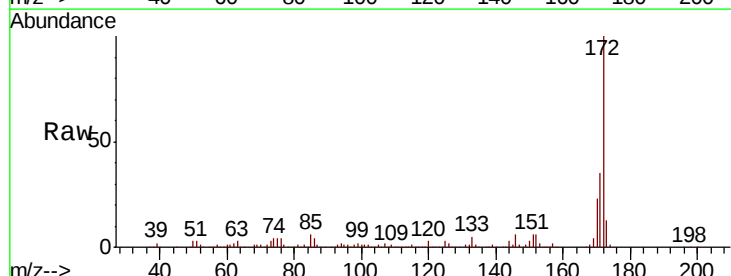
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.526 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.8	18.9	28.3

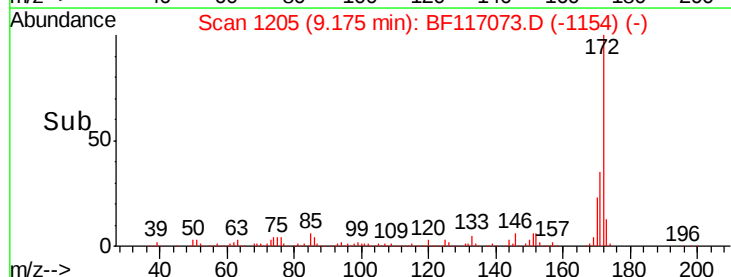
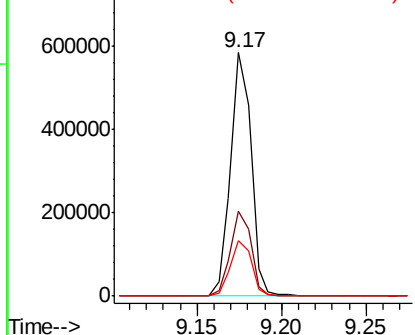


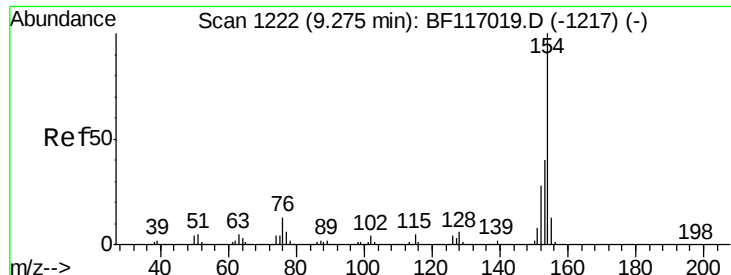
Abundance

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

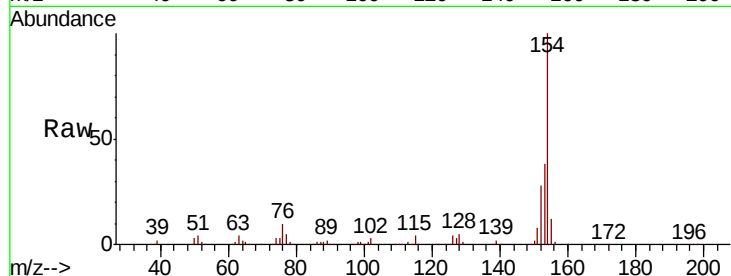




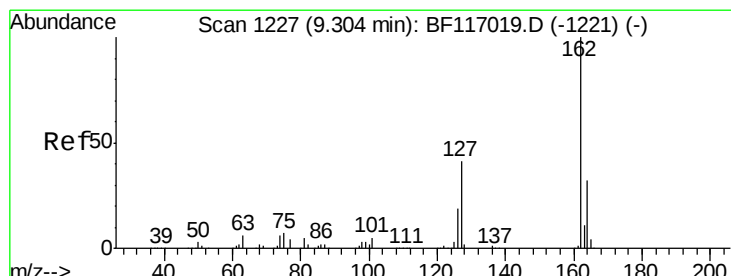
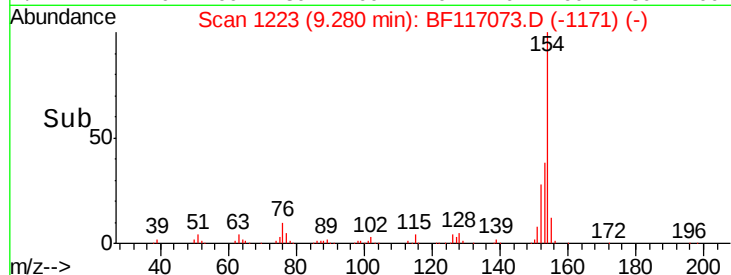
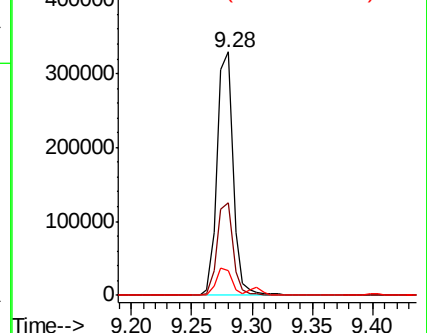
#46
 1,1'-Biphenyl
 Concen: 41.146 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.1	20.0	60.0
76	10.0	0.0	32.7

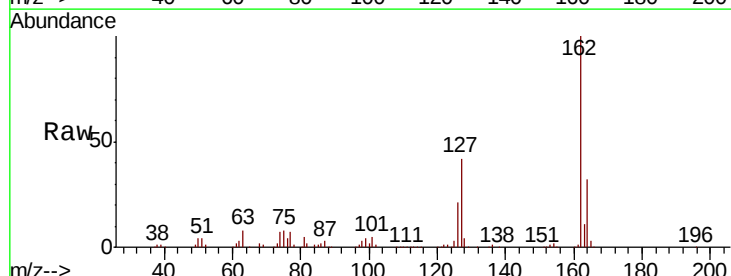


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

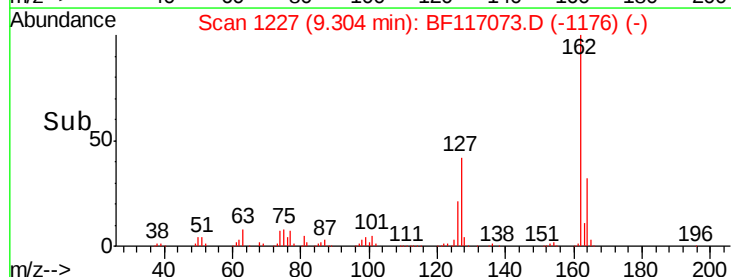
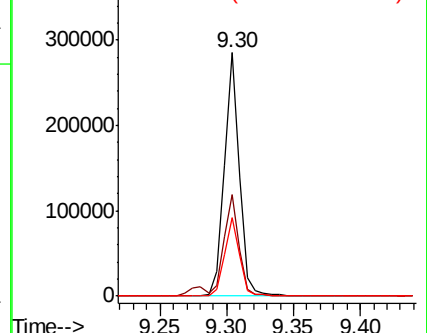


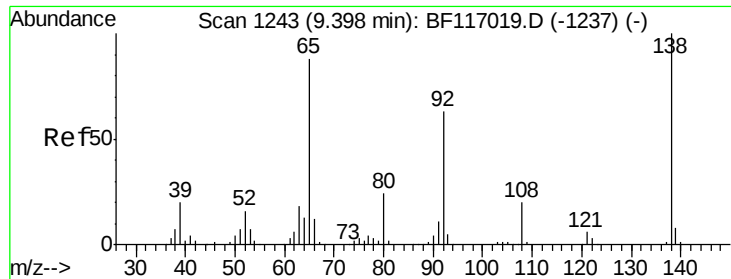
#47
 2-Chloronaphthalene
 Concen: 39.712 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.1	51.1
164	32.4	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

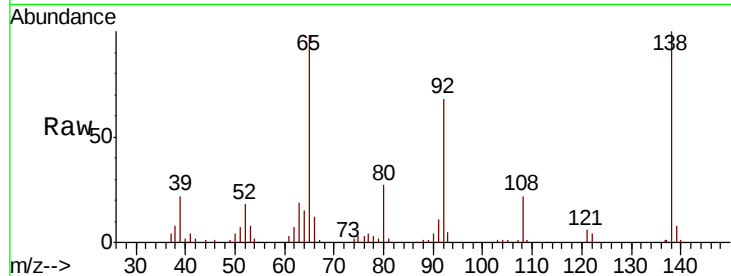




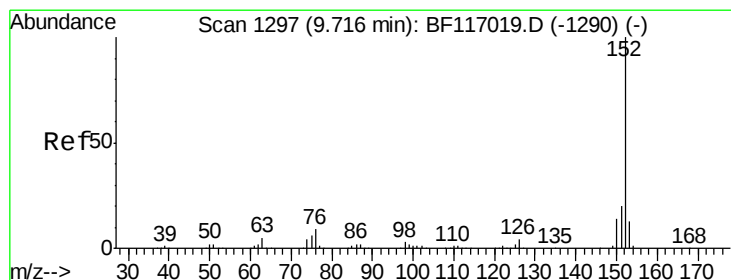
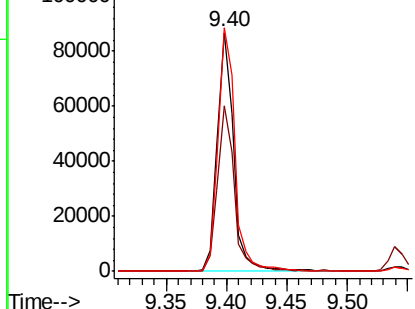
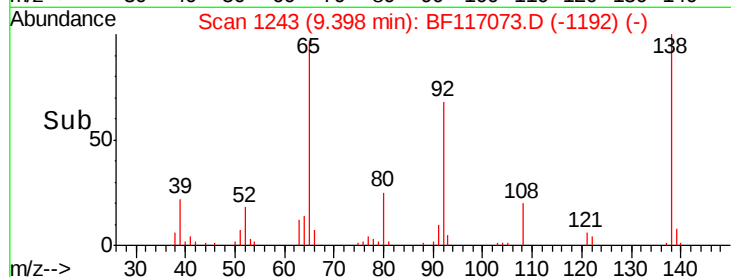
#48
2-Nitroaniline
Concen: 43.452 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 80293
Ion Ratio Lower Upper
65 100
92 69.3 57.5 86.3
138 101.9 90.6 136.0

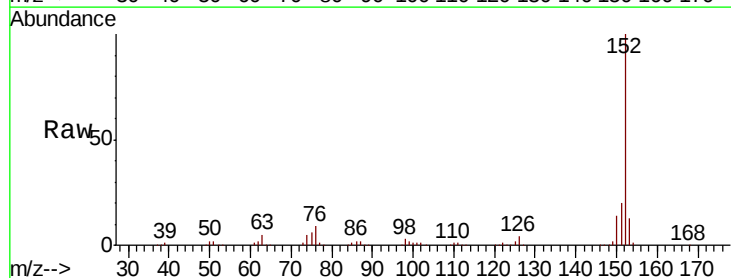


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

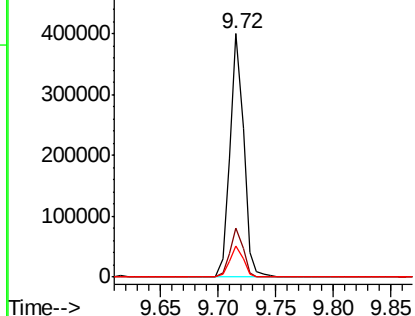
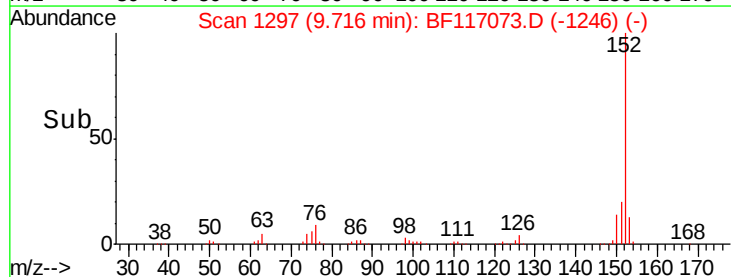


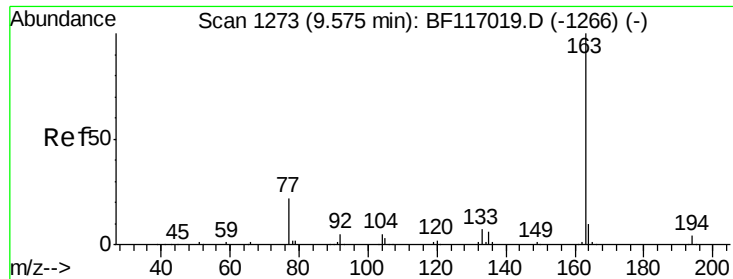
#49
Acenaphthylene
Concen: 38.249 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion: 152 Resp: 330103
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.9 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

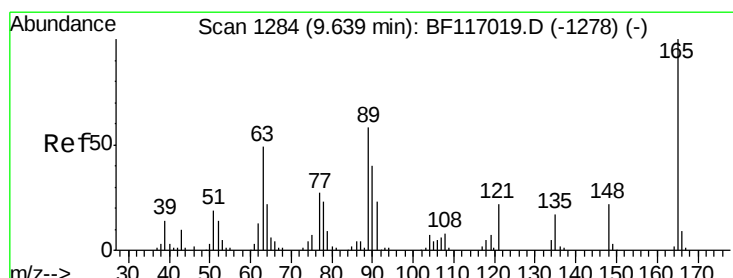
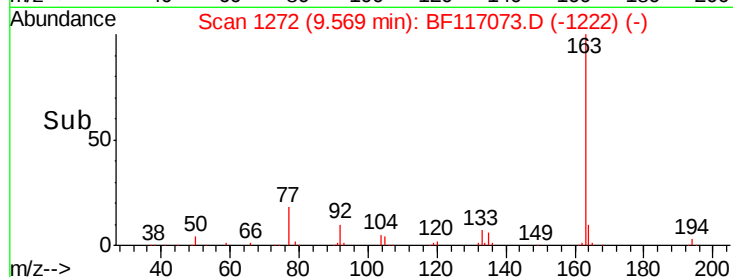
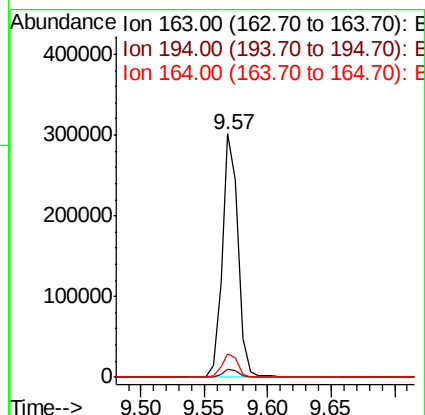
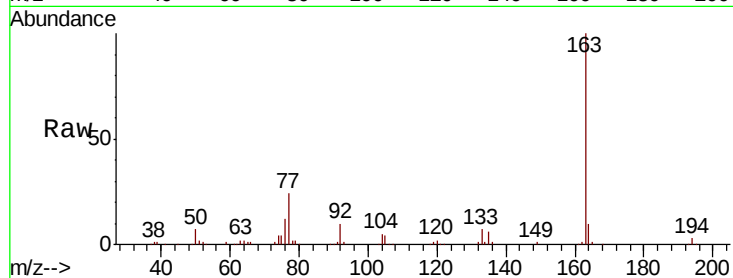




#50
Dimethylphthalate
Concen: 39.843 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

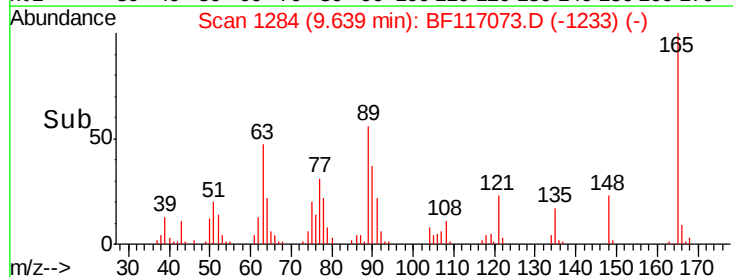
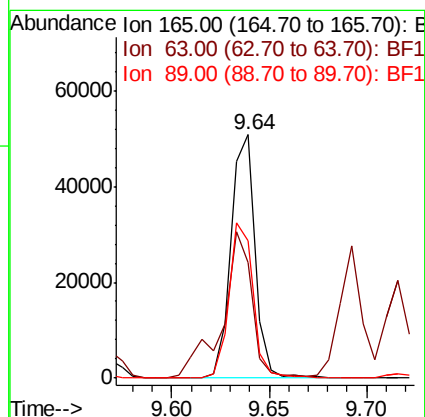
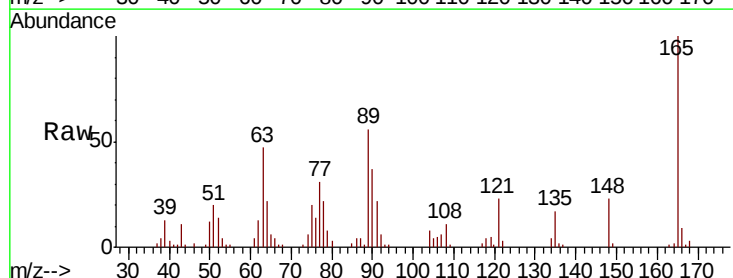
Instrument :
BNA_F
ClientSampleId :

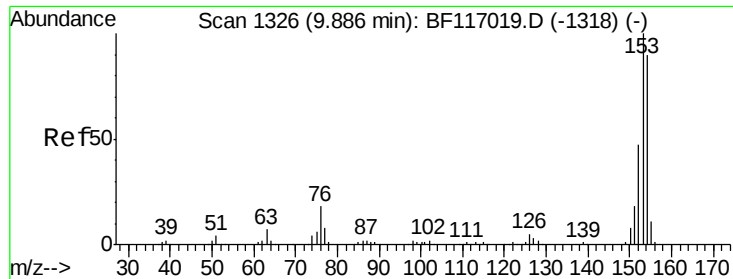
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.8	8.2	12.4



#51
2,6-Dinitrotoluene
Concen: 32.519 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	41.8	62.8
89	56.2	46.5	69.7





#52

Acenaphthene

Concen: 37.863 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

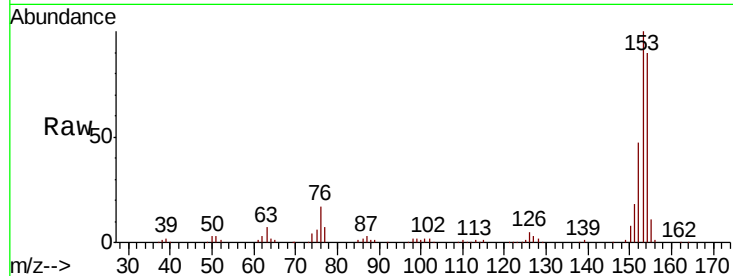
Tot Ion:154 Resp: 193703

Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.6

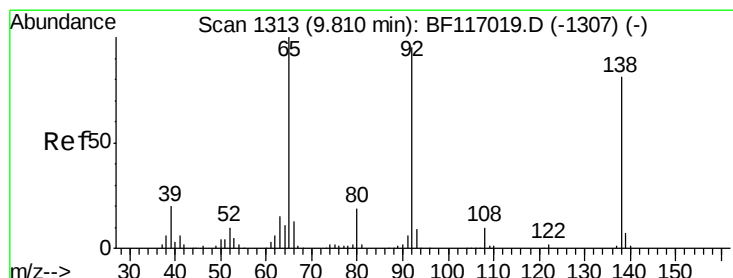
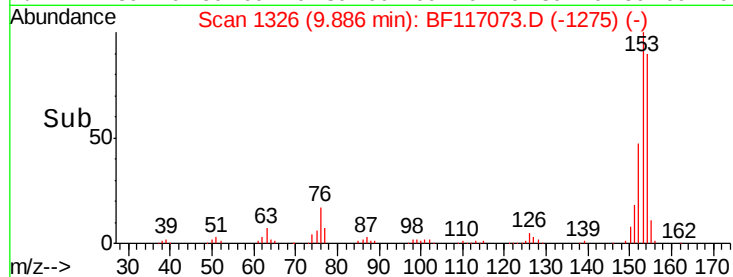
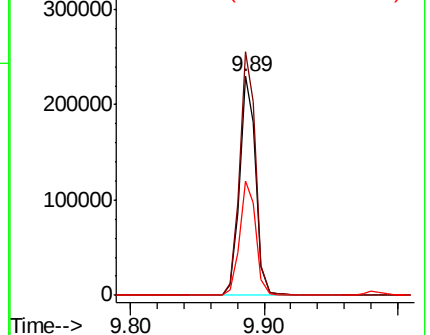
152 52.4 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 43.666 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

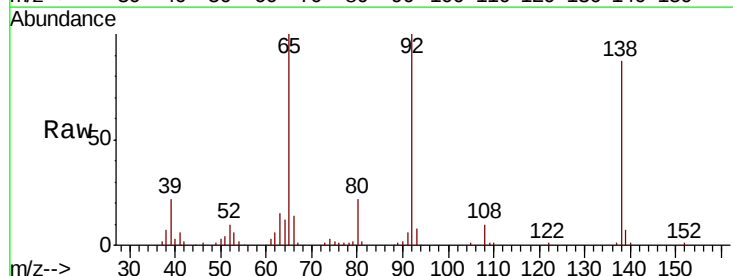
Tgt Ion:138 Resp: 73936

Ion Ratio Lower Upper

138 100

108 11.0 9.5 14.3

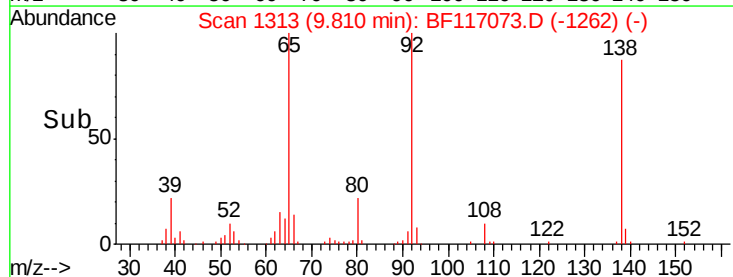
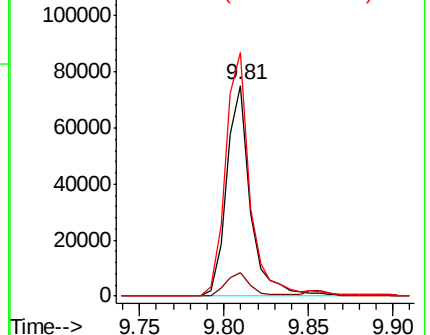
92 115.5 94.1 141.1

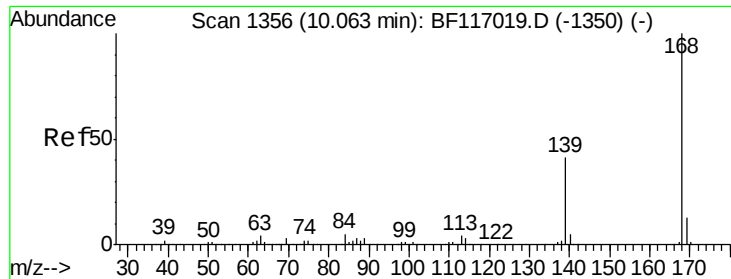


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

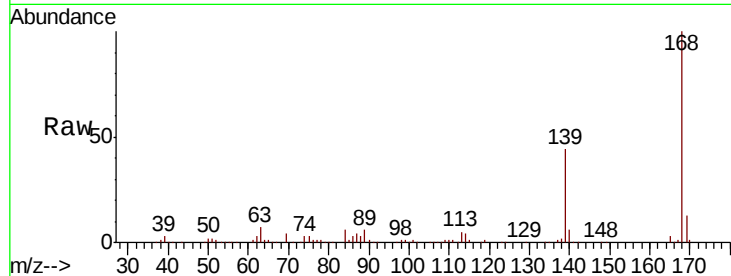




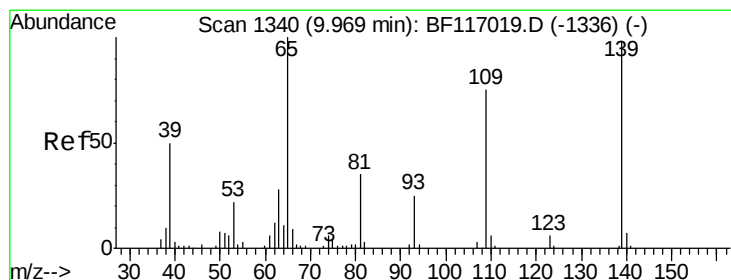
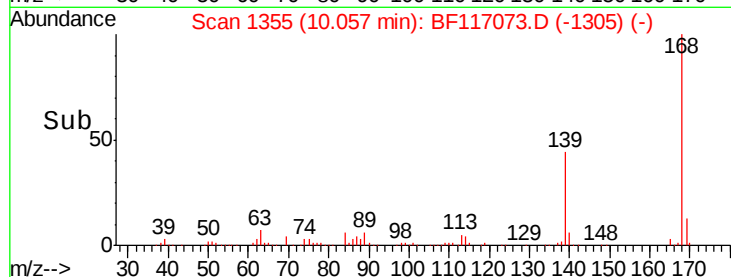
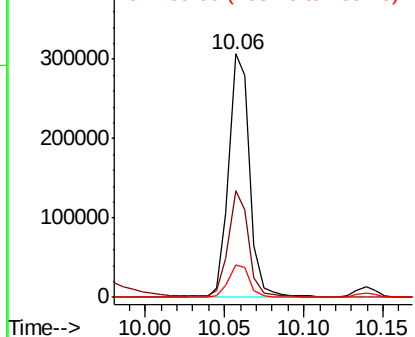
#55
Dibenzenofuran
Concen: 37.552 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 283450
Ion Ratio Lower Upper
168 100
139 43.7 32.8 49.2
169 13.3 10.5 15.7

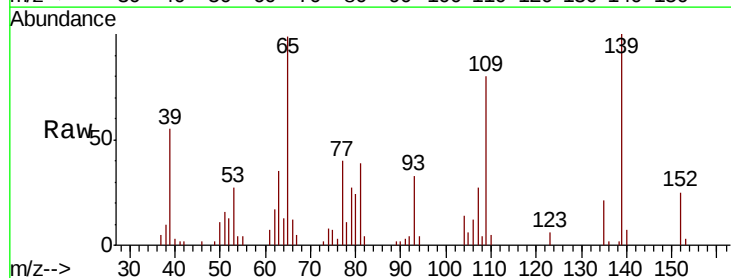


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

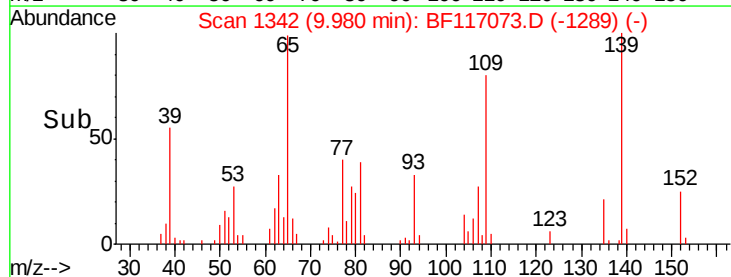
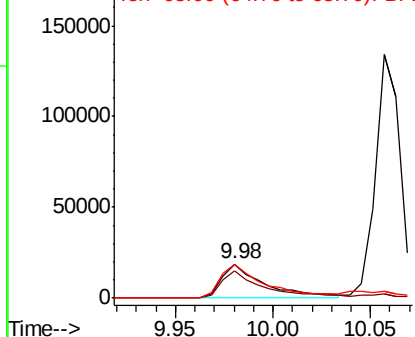


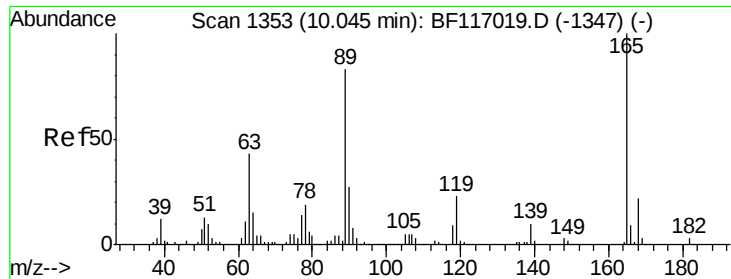
#56
4-Nitrophenol
Concen: 26.172 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:139 Resp: 28721
Ion Ratio Lower Upper
139 100
109 79.6 56.4 96.4
65 98.8 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

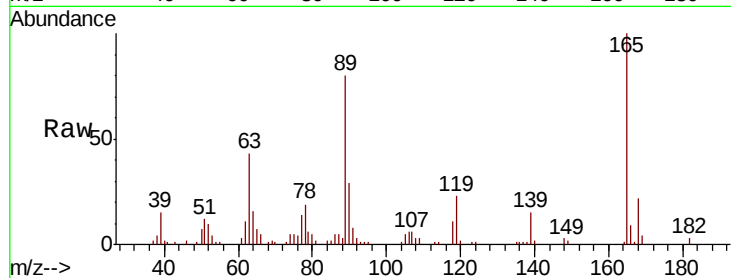




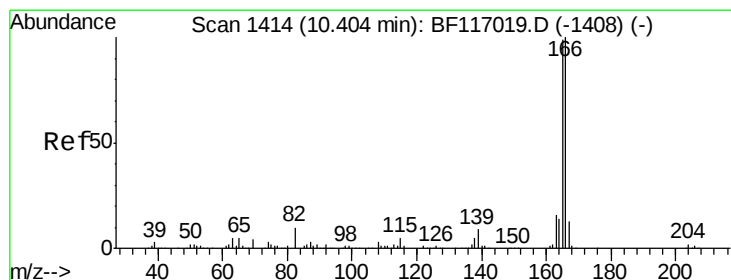
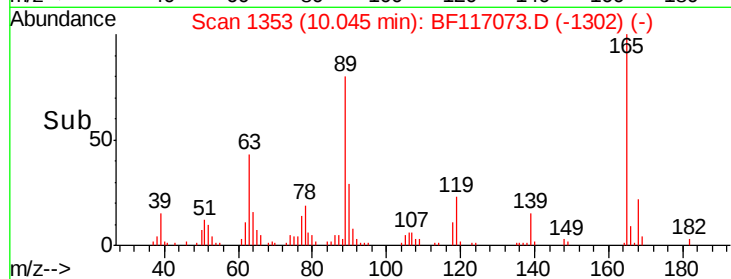
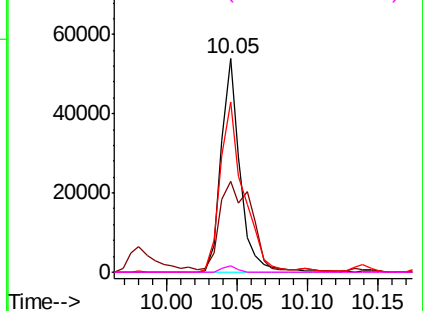
#57
 2,4-Dinitrotoluene
 Concen: 29.058 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	50619
Ion	Ratio	Lower	Upper
165	100		
63	42.7	35.0	52.4
89	79.9	66.1	99.1
182	2.9	2.0	3.0

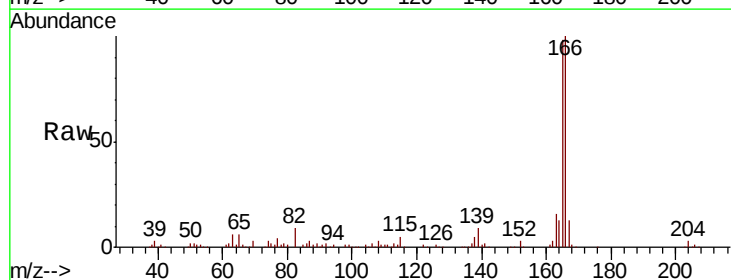


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

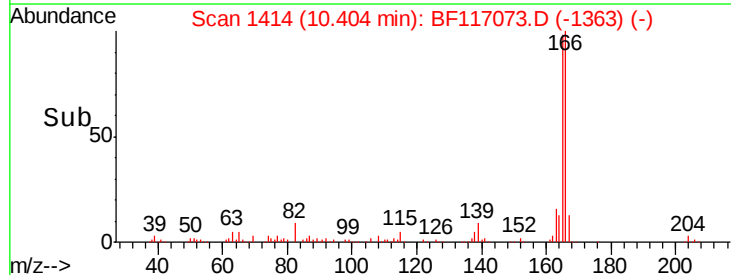
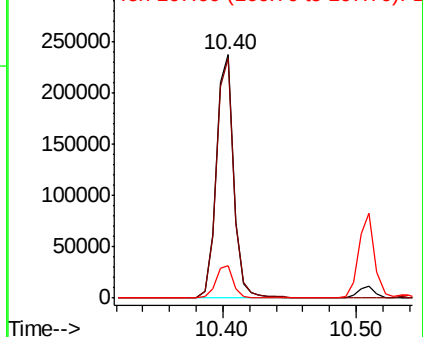


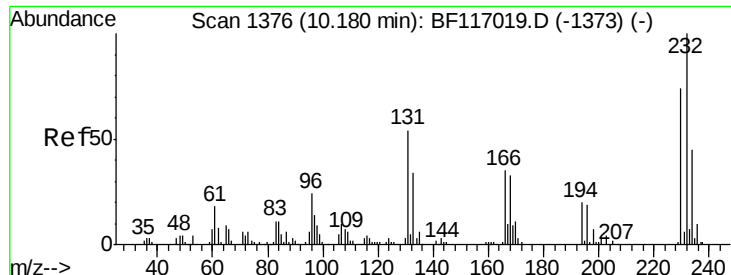
#58
 Fluorene
 Concen: 35.994 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion:	166	Resp:	218856
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.9	118.3
167	13.3	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

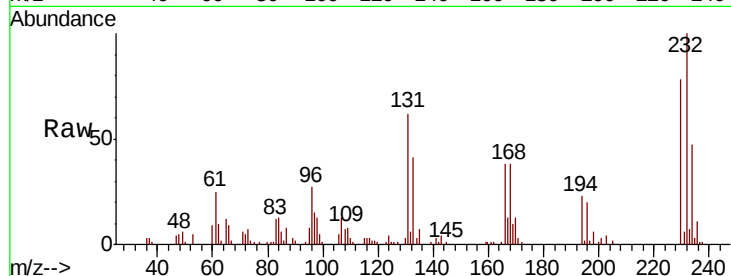




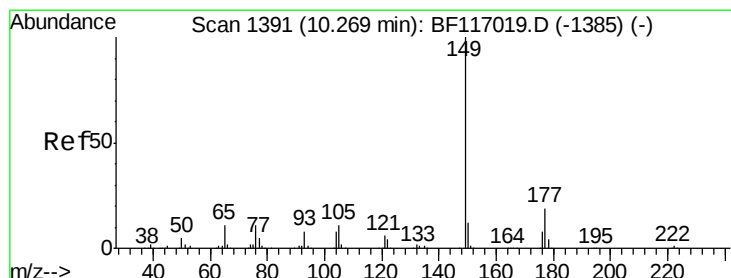
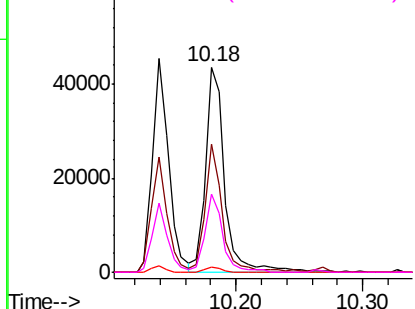
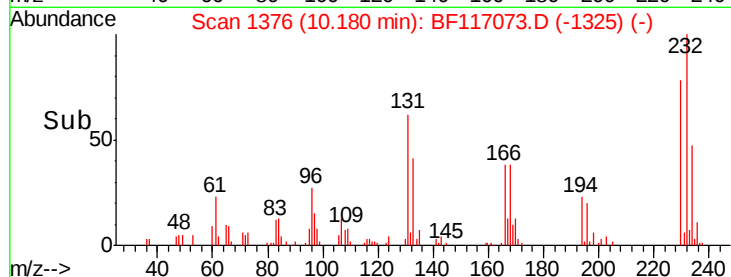
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.615 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 46154
Ion Ratio Lower Upper
232 100
131 55.4 45.3 67.9
130 2.3 1.8 2.8
166 34.6 29.4 44.2

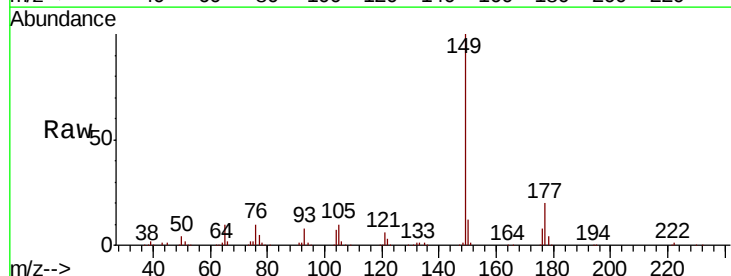


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

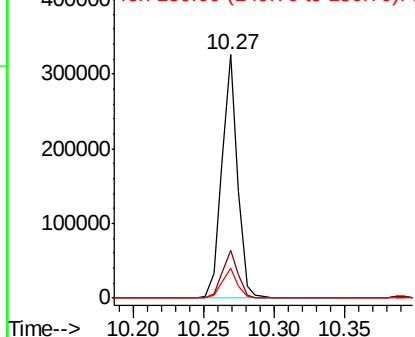
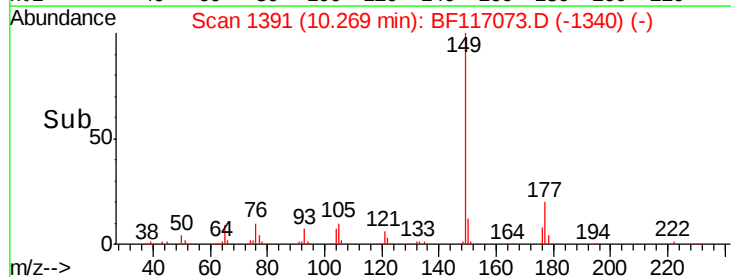


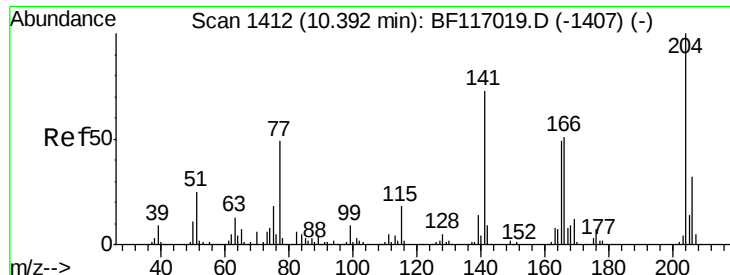
#60
Diethylphthalate
Concen: 38.605 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:149 Resp: 250262
Ion Ratio Lower Upper
149 100
177 19.8 15.2 22.8
150 12.2 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

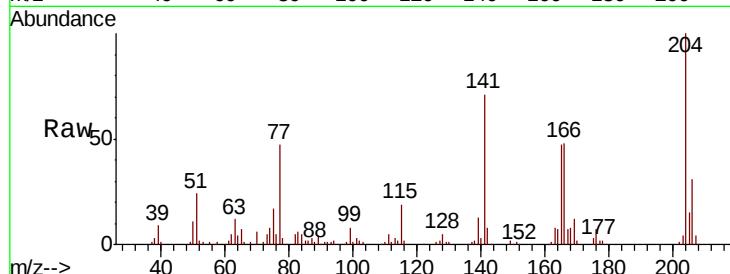




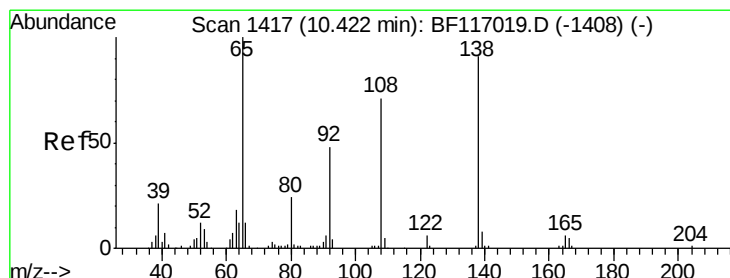
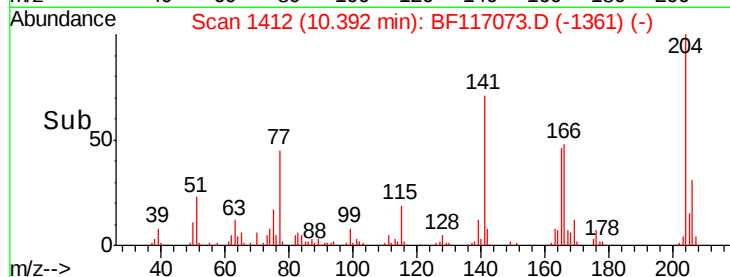
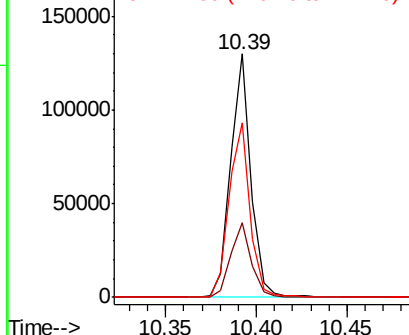
#61
 4-Chlorophenyl-phenylether
 Concen: 38.356 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 100905
 Ion Ratio Lower Upper
 204 100
 206 30.8 26.0 39.0
 141 71.5 58.2 87.2

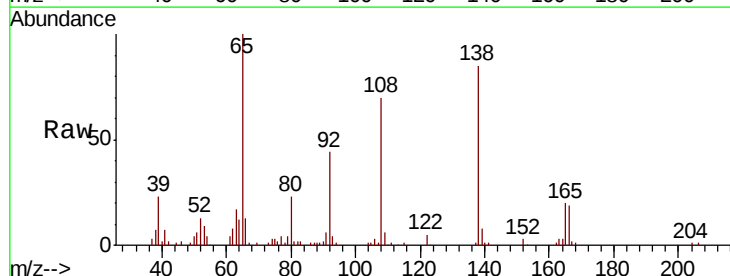


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

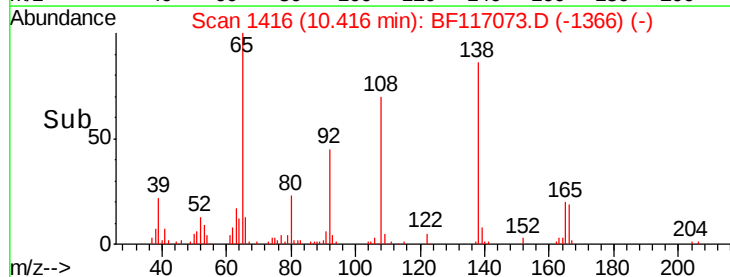
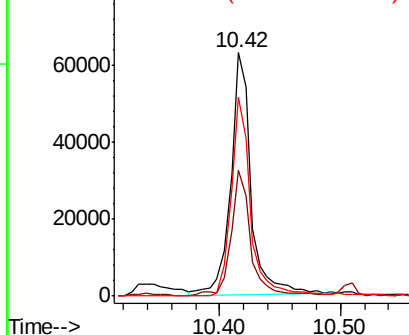


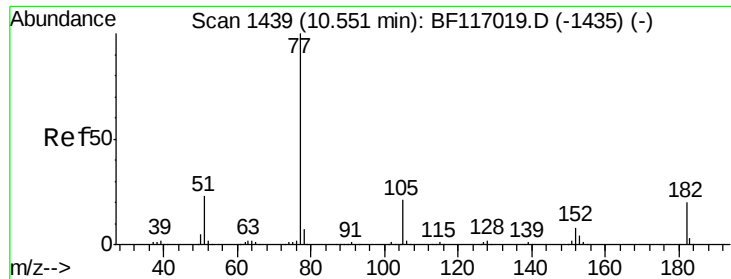
#62
 4-Nitroaniline
 Concen: 41.533 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion:138 Resp: 73134
 Ion Ratio Lower Upper
 138 100
 92 51.9 32.9 72.9
 108 81.5 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: 35.611 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 235777

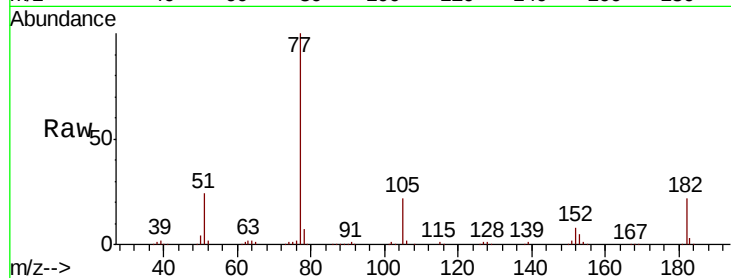
Ion Ratio Lower Upper

77 100

182 21.9 0.4 40.4

105 22.4 0.9 40.9

51 23.7 2.8 42.8

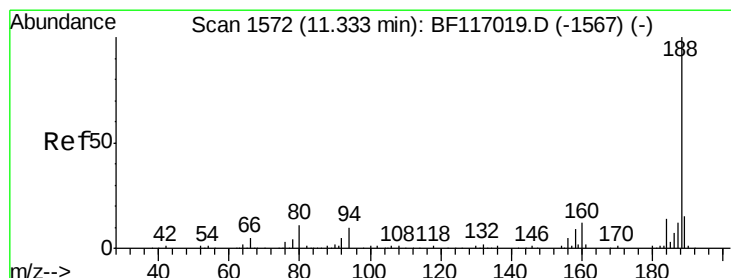
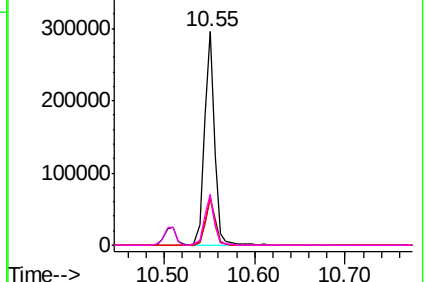
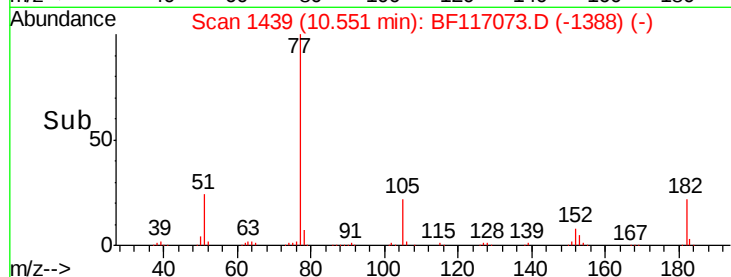


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

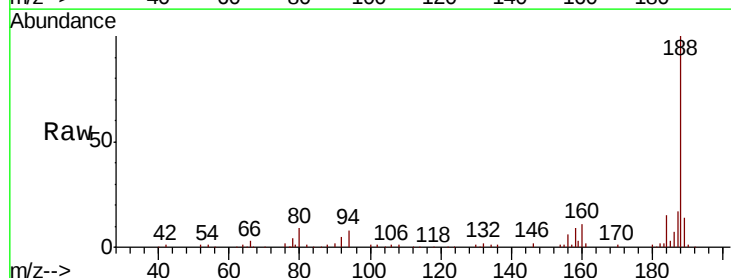
Tgt Ion: 188 Resp: 132746

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

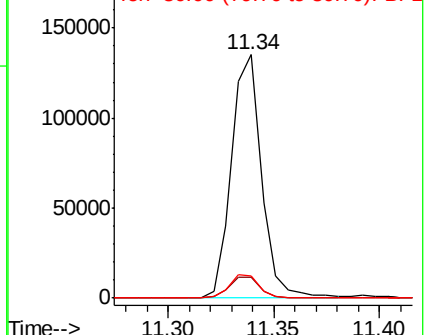
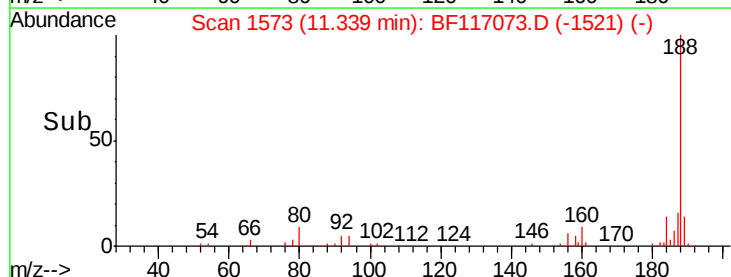
80 9.1 9.0 13.6

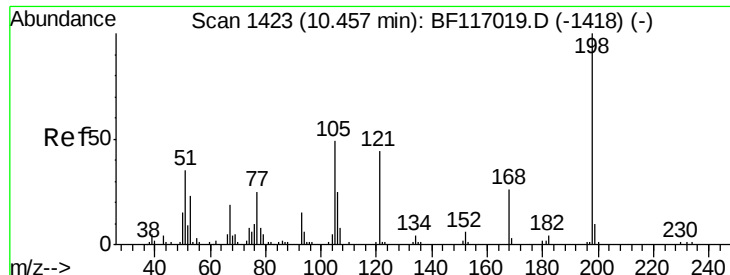


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

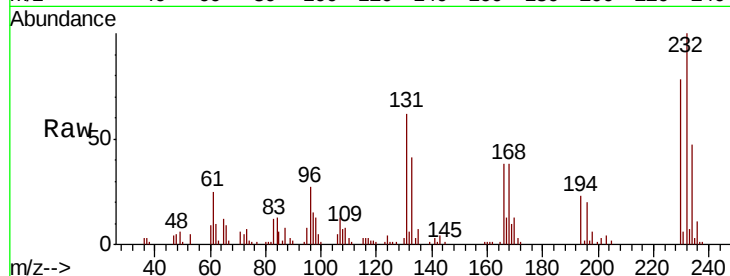




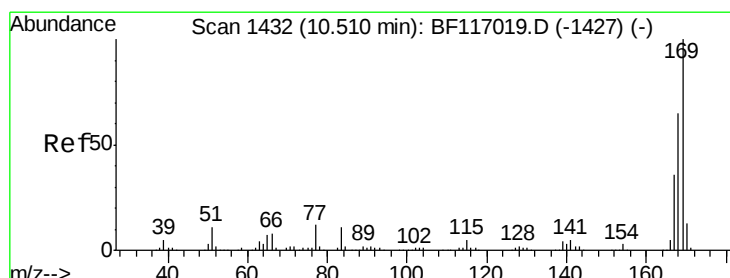
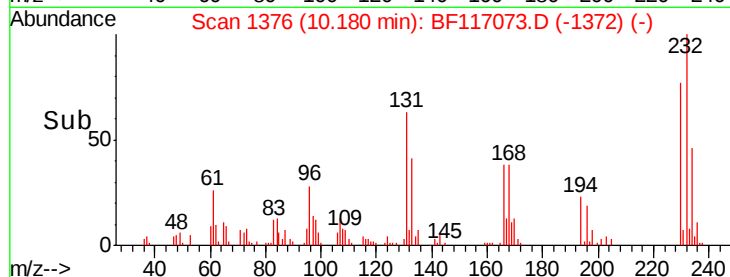
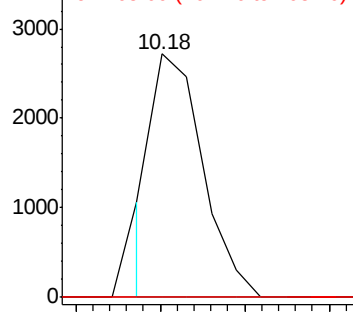
#65
4,6-Dinitro-2-methylphenol
Concen: 10.116 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.28 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 2270
Ion Ratio Lower Upper
198 100
51 0.0 18.7 58.7#
105 0.0 30.2 70.2#

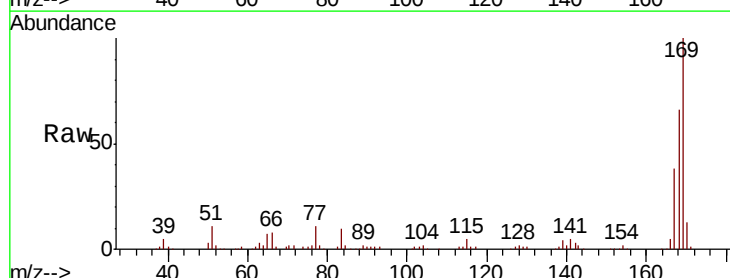


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

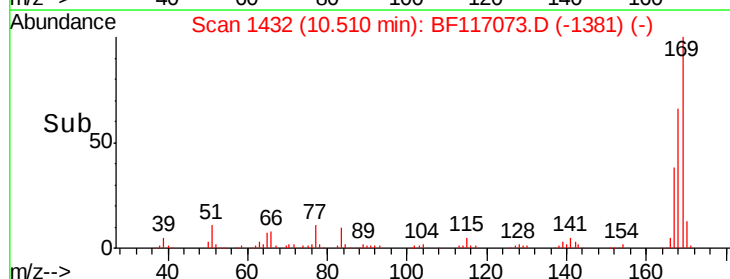
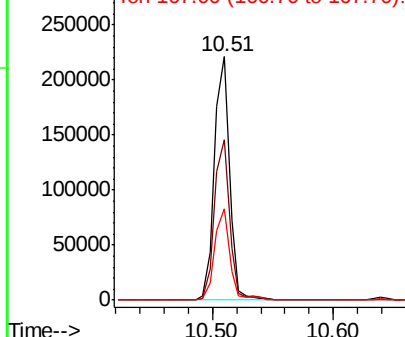


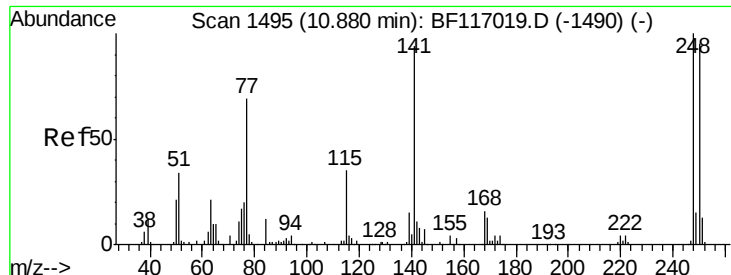
#66
n-Nitrosodiphenylamine
Concen: 41.602 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:169 Resp: 190726
Ion Ratio Lower Upper
169 100
168 65.8 52.2 78.2
167 37.6 28.8 43.2



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

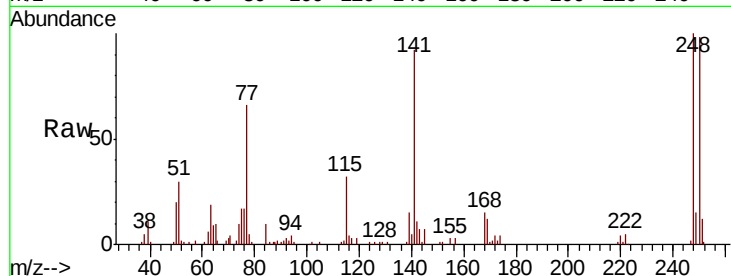




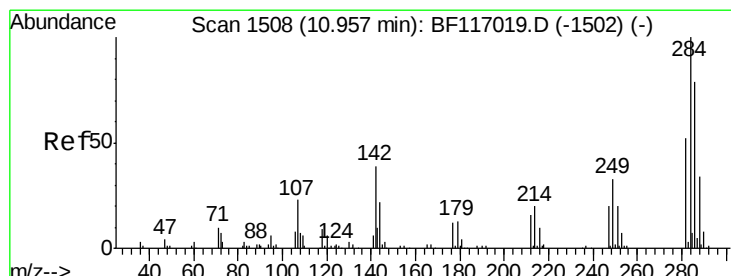
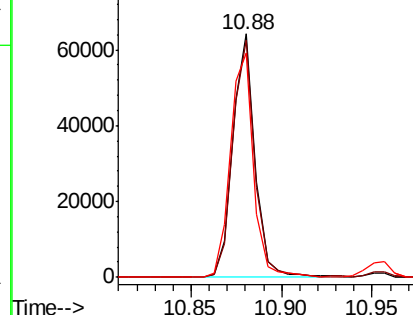
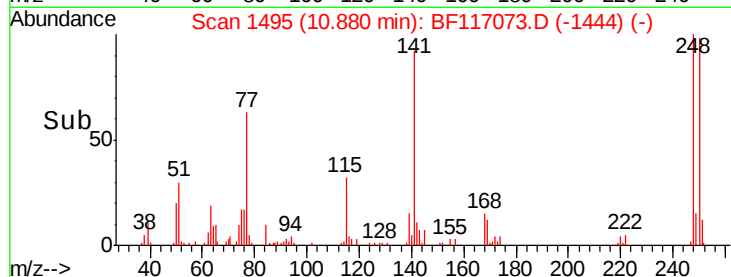
#67
 4-Bromophenyl-phenylether
 Concen: 40.419 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot	Ion:248	Resp:	54794
Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.2	114.4
141	92.0	75.0	112.4

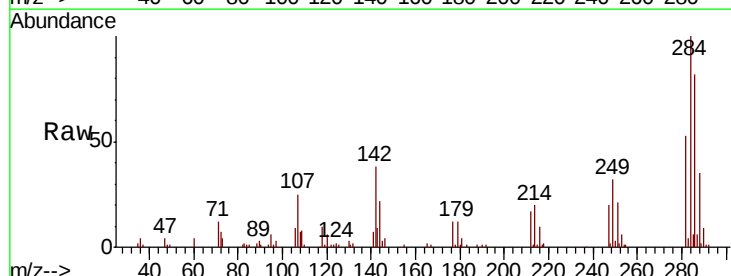


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

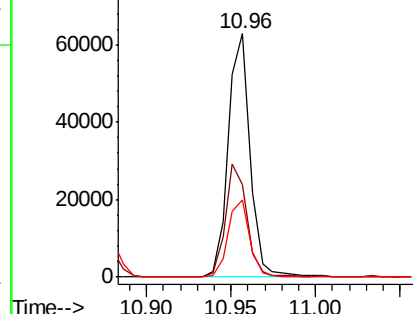
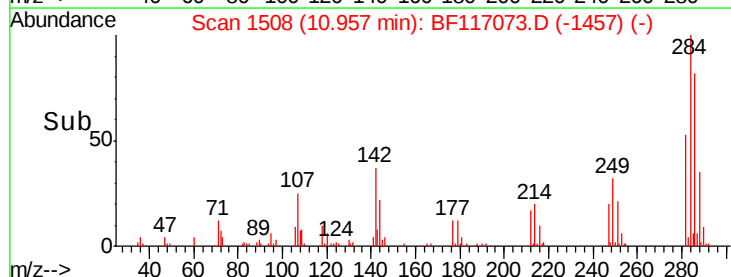


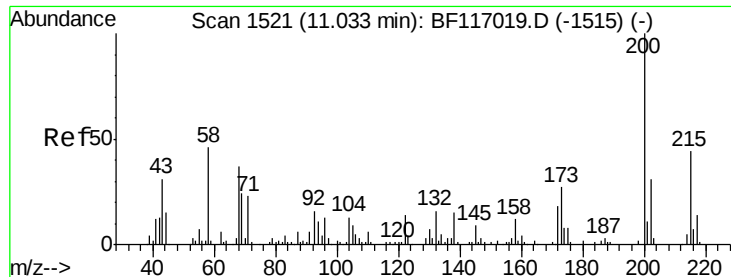
#68
 Hexachlorobenzene
 Concen: 38.233 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt	Ion:284	Resp:	56690
Ion	Ratio	Lower	Upper
284	100		
142	37.8	31.4	47.2
249	31.9	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

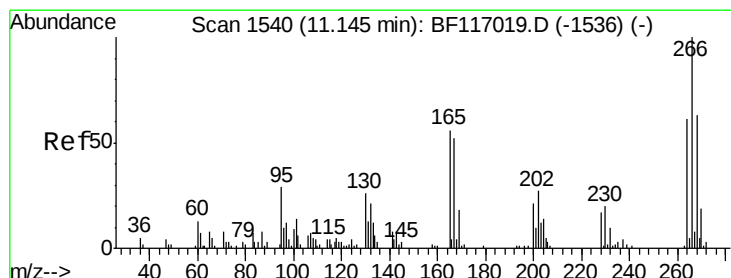
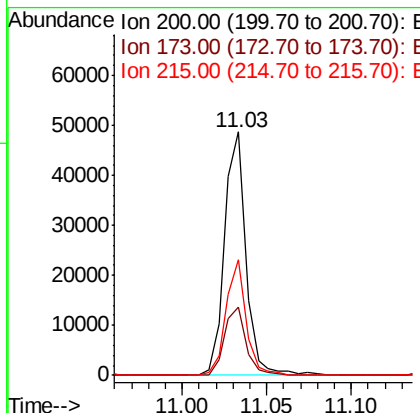
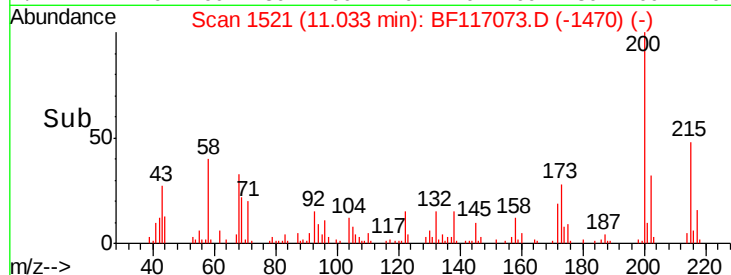
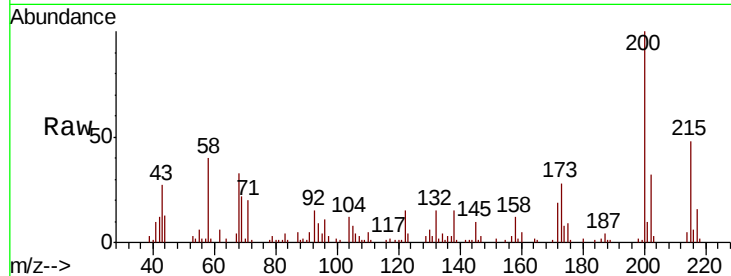




#69
 Atrazine
 Concen: 35.752 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

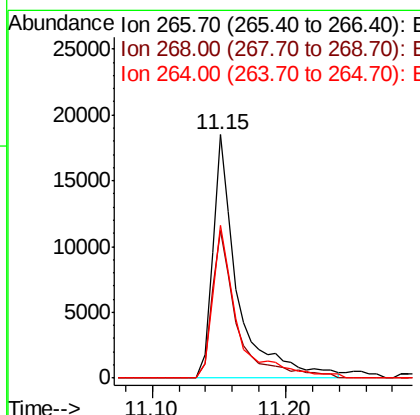
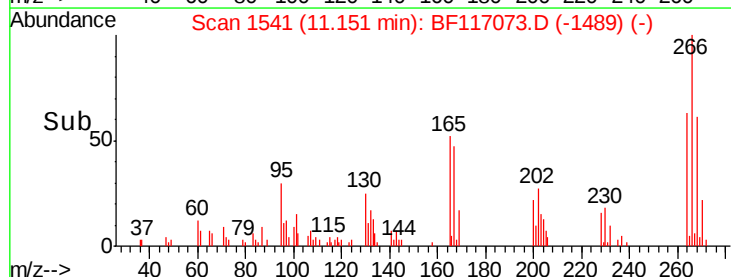
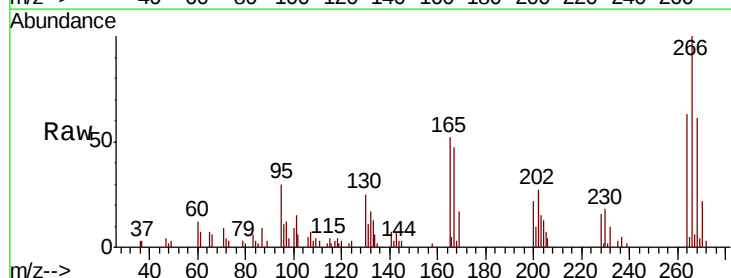
Instrument :
 BNA_F
 ClientSampleId :

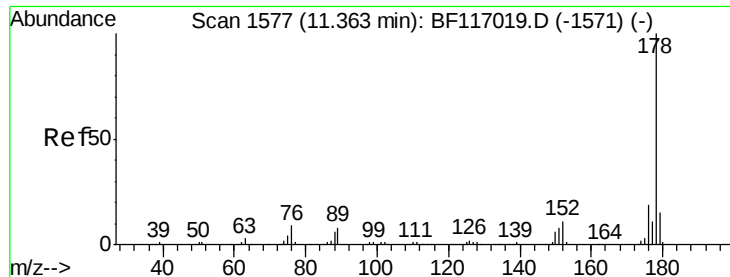
Tot Ion:200 Resp: 43115
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.9 46.9
 215 47.7 23.8 63.8



#70
 Pentachlorophenol
 Concen: 34.669 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion:266 Resp: 24096
 Ion Ratio Lower Upper
 266 100
 268 60.6 50.5 75.7
 264 62.6 48.8 73.2

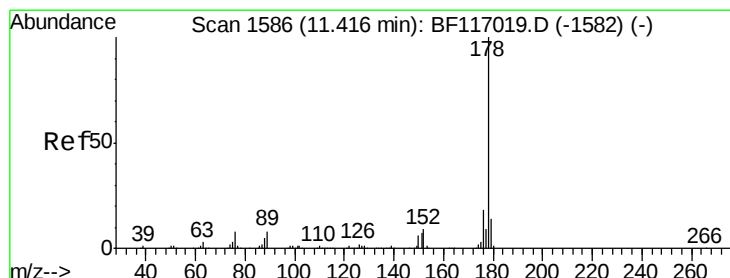
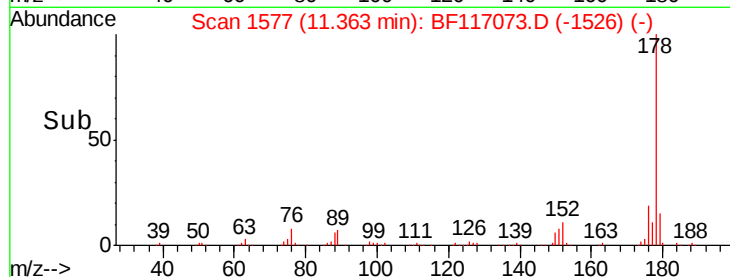
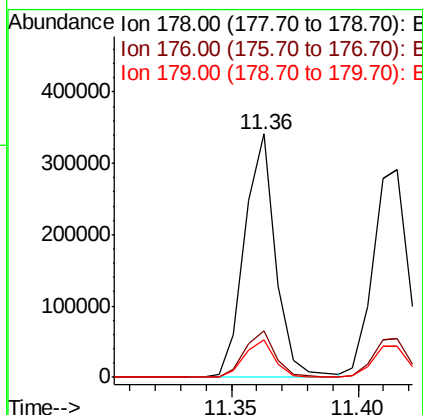
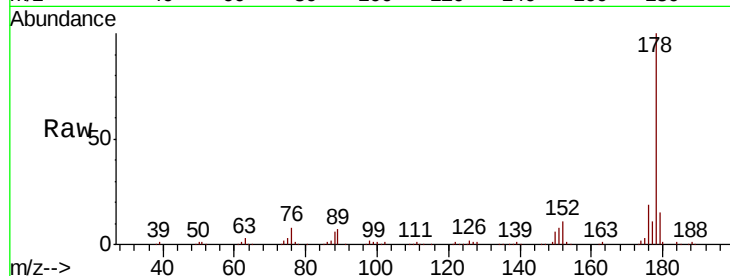




#71
Phenanthrene
Concen: 38.563 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

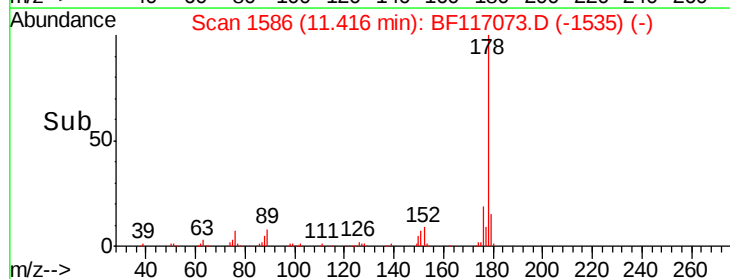
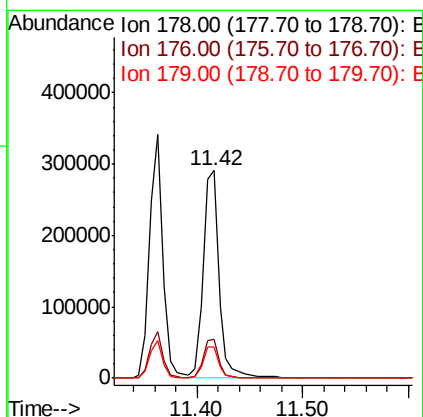
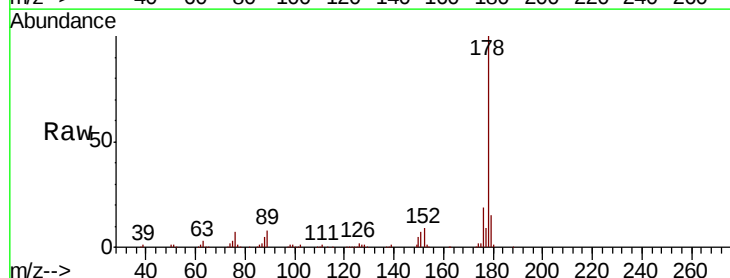
Instrument :
BNA_F
ClientSampleId :

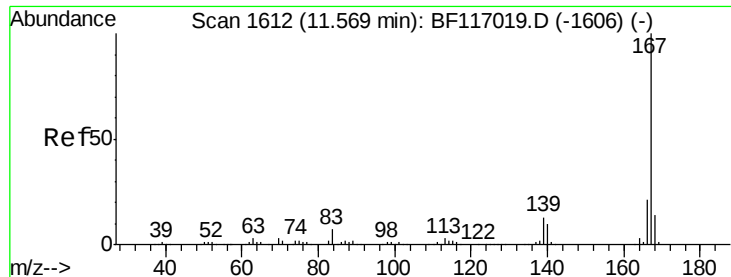
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6



#72
Anthracene
Concen: 39.075 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	14.8	11.6	17.4

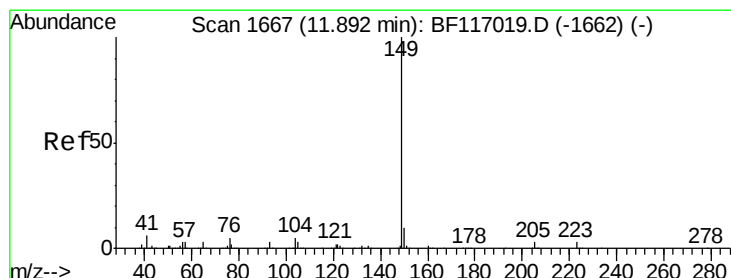
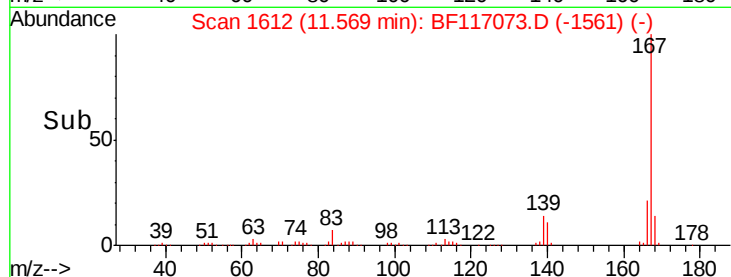
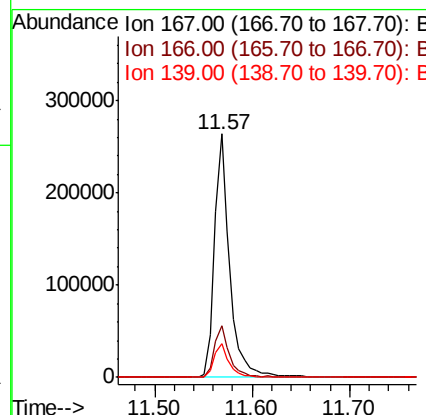
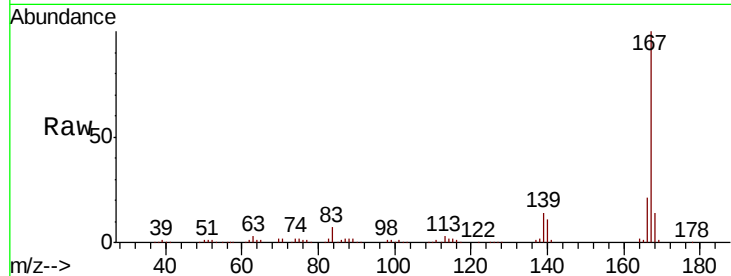




#73
 Carbazole
 Concen: 39.154 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

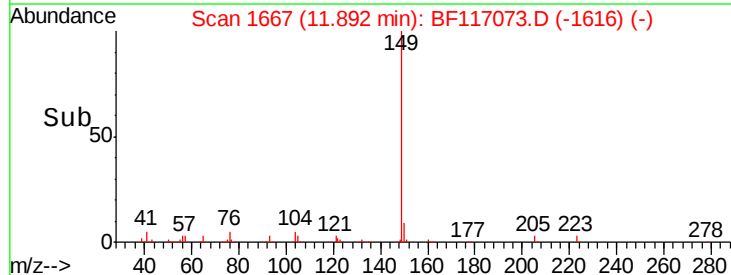
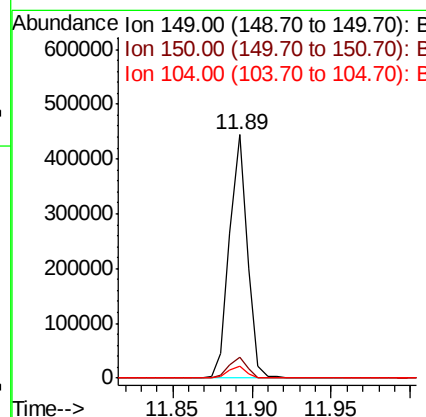
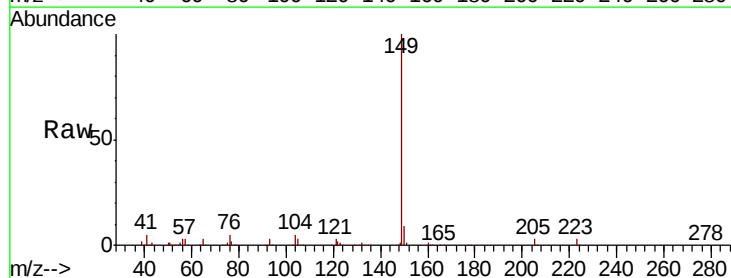
Instrument :
 BNA_F
 ClientSampleId :

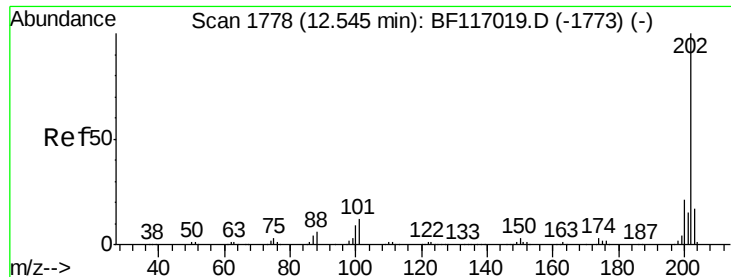
Tot Ion:167 Resp: 286084
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.237 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion:149 Resp: 349791
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 40.220 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

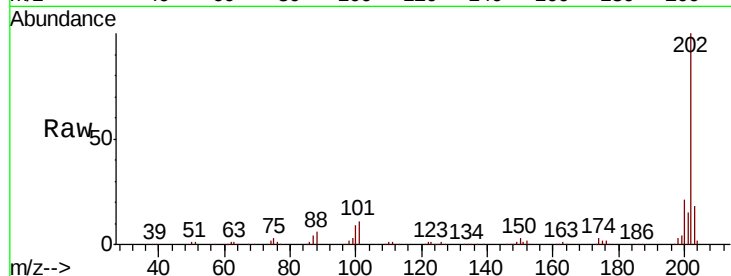
Tot Ion:202 Resp: 311593

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.3

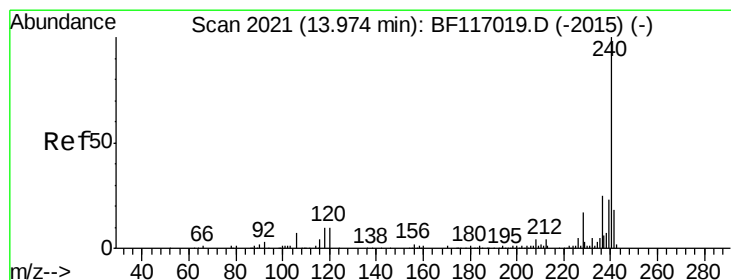
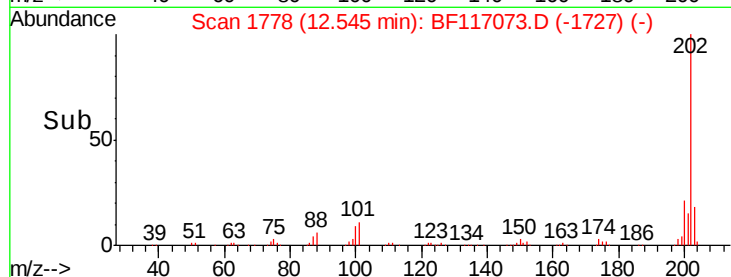
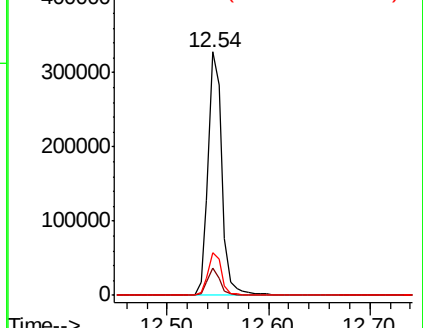
203 17.7 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

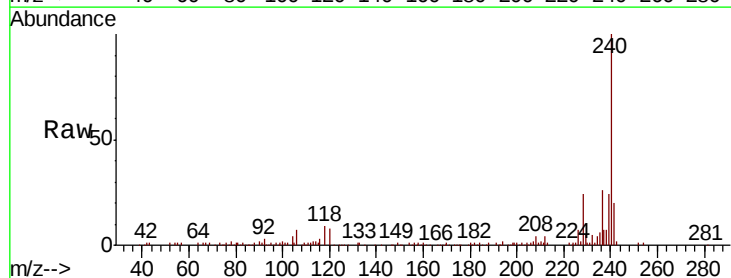
Tgt Ion:240 Resp: 99621

Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

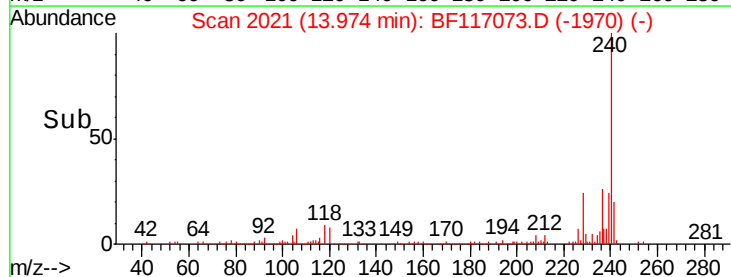
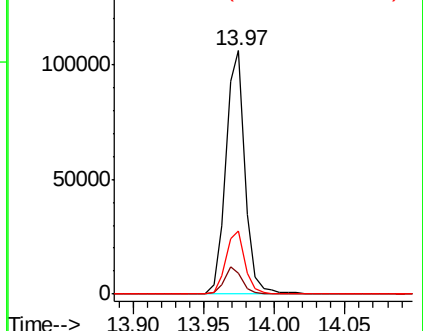
236 25.8 20.3 30.5

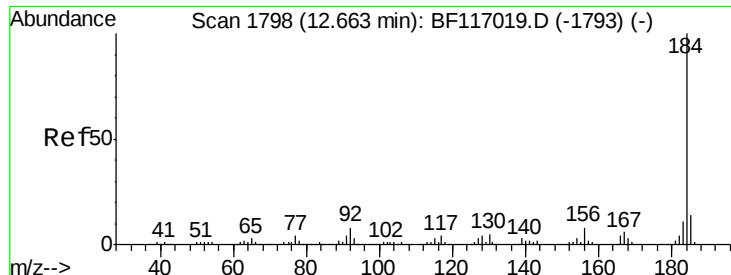


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

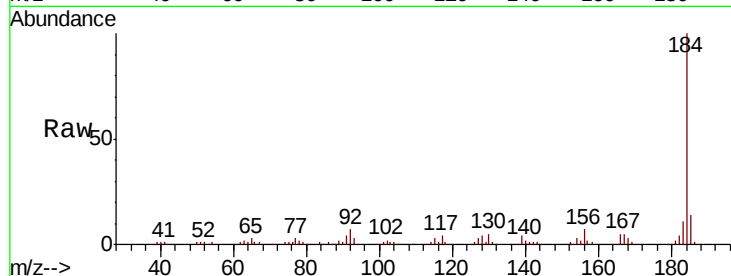




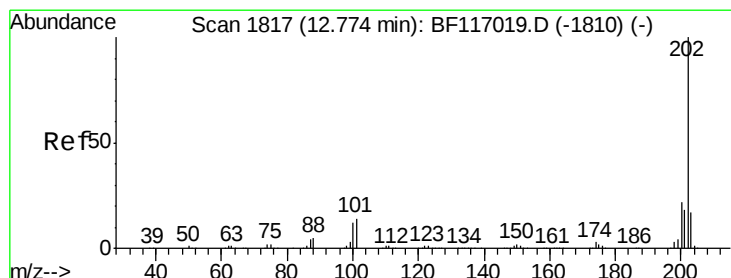
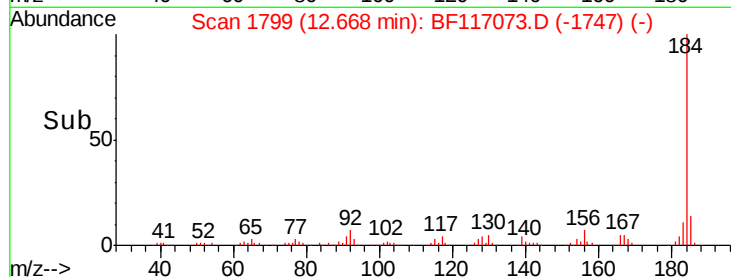
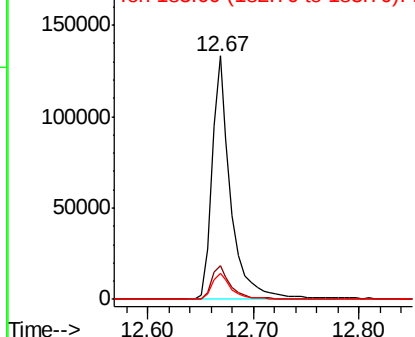
#77
Benzidine
Concen: 51.480 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 165202
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 10.9 9.0 13.4

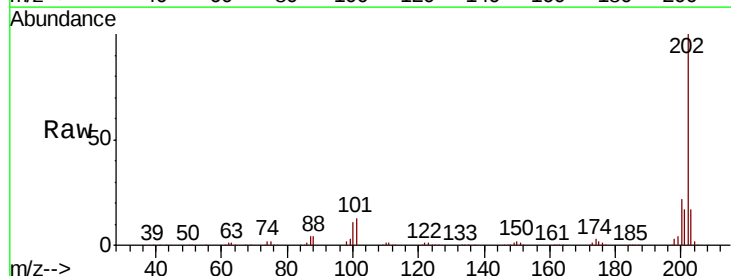


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

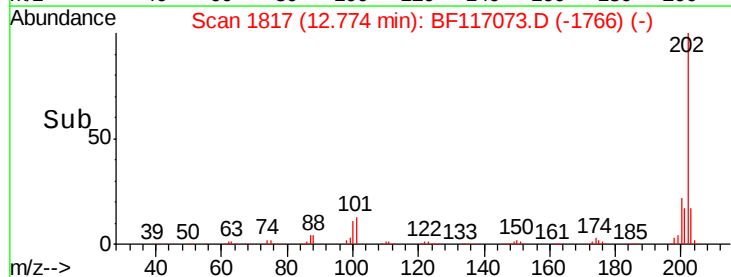
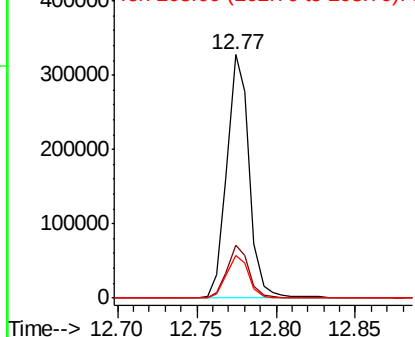


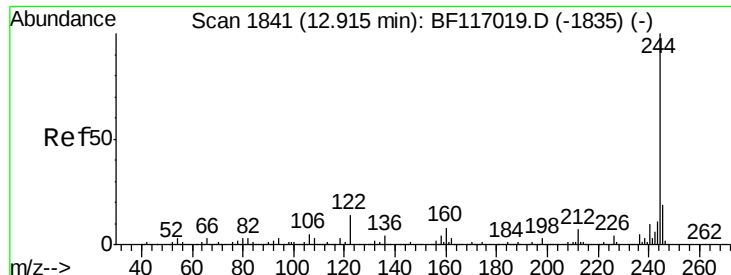
#78
Pyrene
Concen: 38.419 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion:202 Resp: 321146
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.3 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

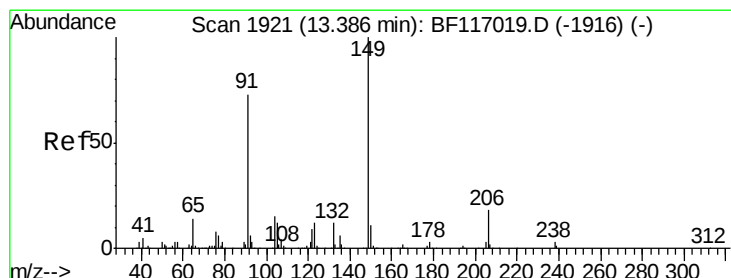
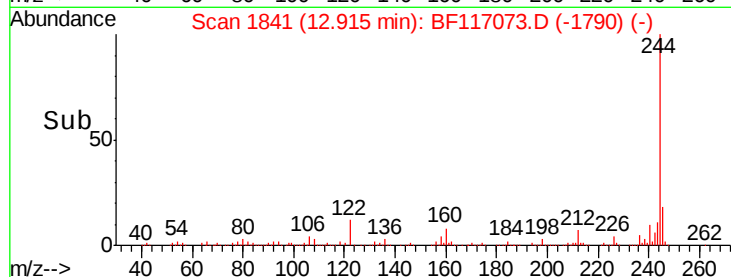
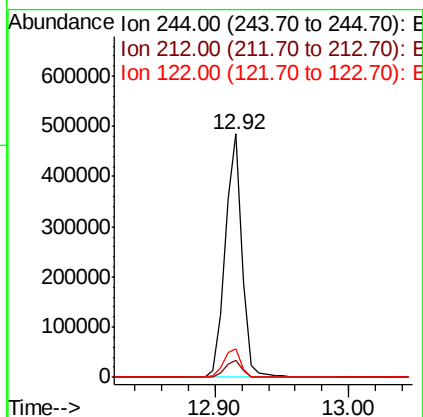
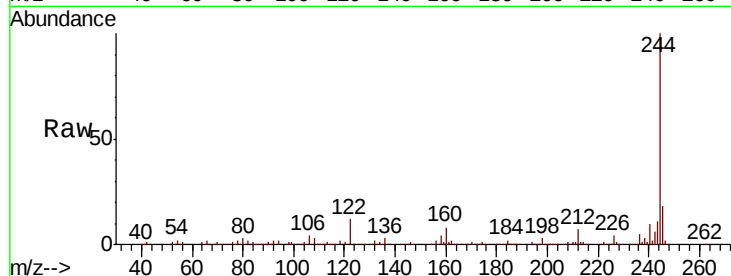




#79
 Terphenyl-d14
 Concen: 80.670 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

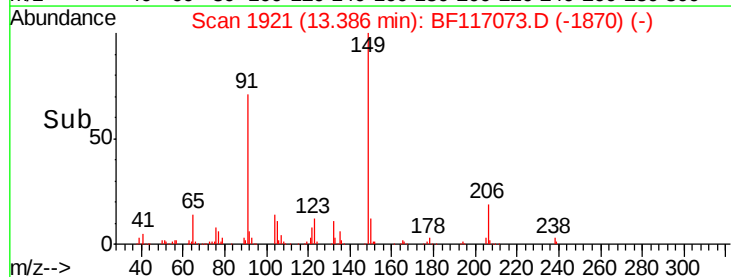
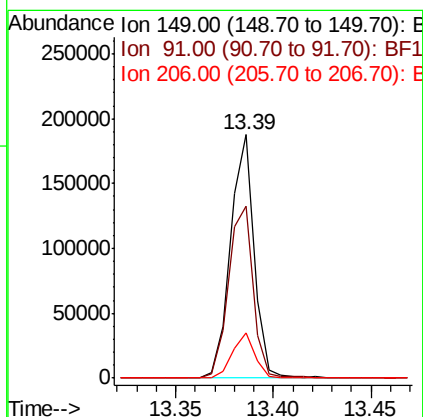
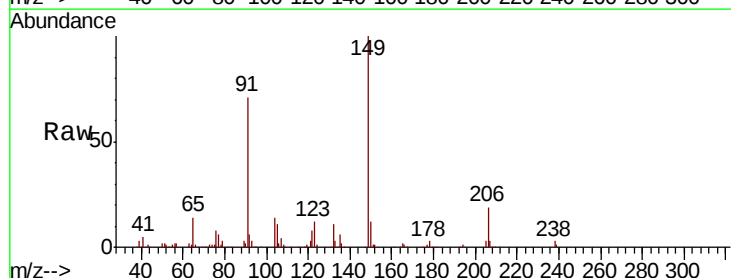
Instrument :
 BNA_F
 ClientSampleId :

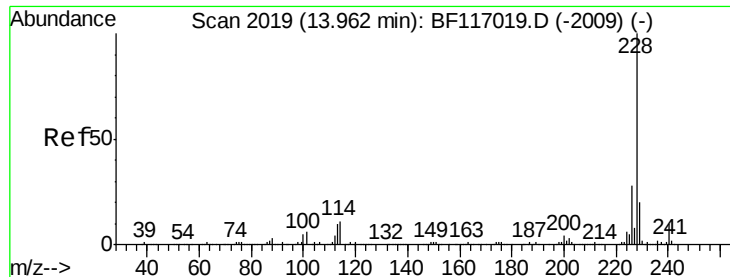
Tot Ion:244 Resp: 429935
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.5 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 39.849 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion:149 Resp: 157394
 Ion Ratio Lower Upper
 149 100
 91 70.6 58.8 88.2
 206 18.7 14.1 21.1





#81

Benzo(a)anthracene

Concen: 37.763 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

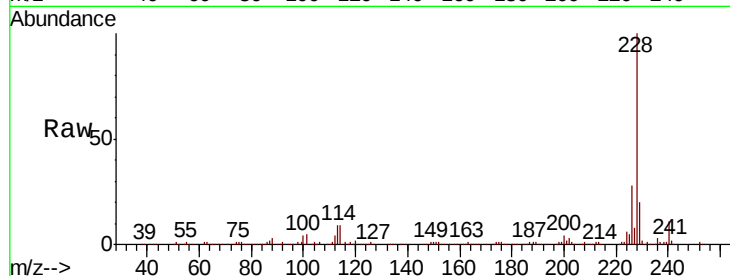
Tot Ion:228 Resp: 251343

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

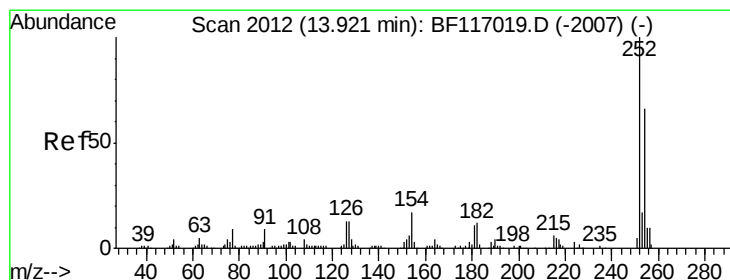
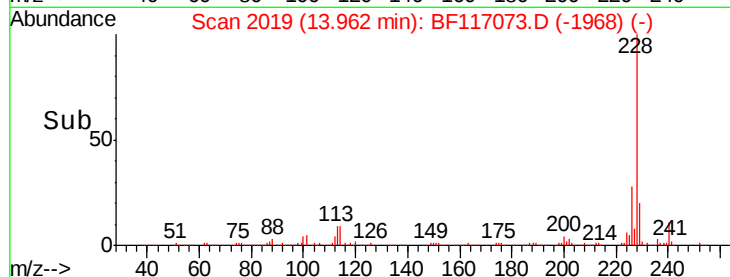
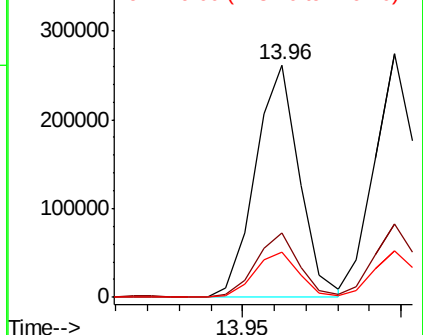
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.343 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

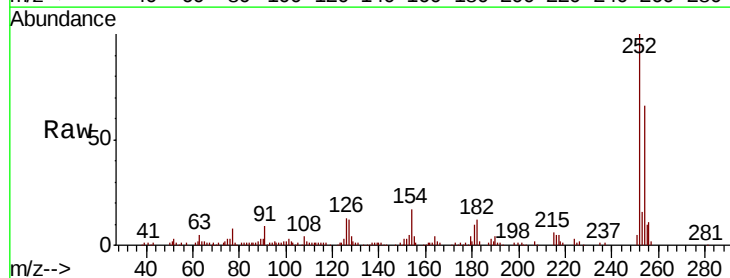
Tgt Ion:252 Resp: 92962

Ion Ratio Lower Upper

252 100

254 65.9 52.6 79.0

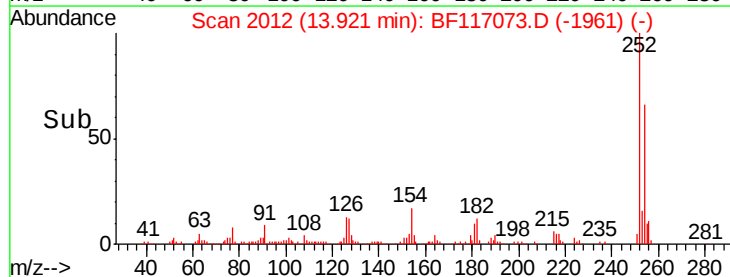
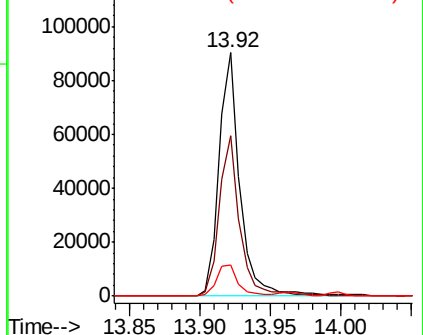
126 12.7 10.4 15.6

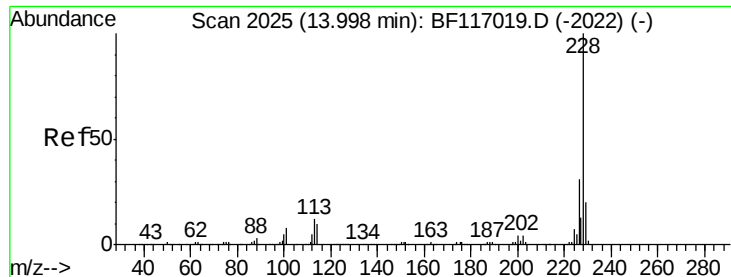


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.888 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

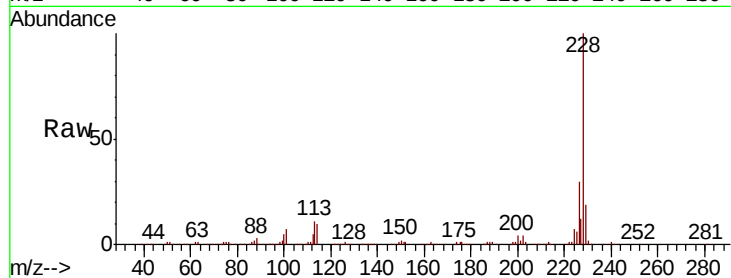
Tot Ion:228 Resp: 245954

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

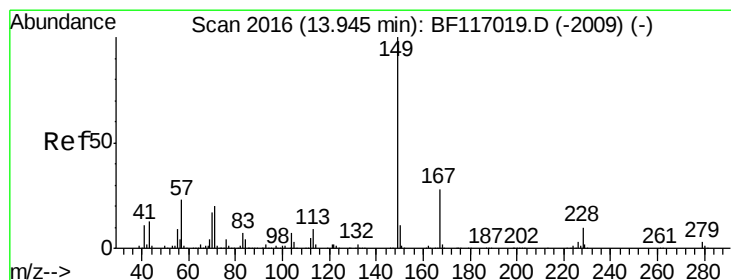
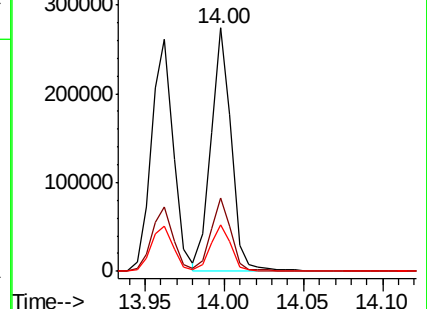
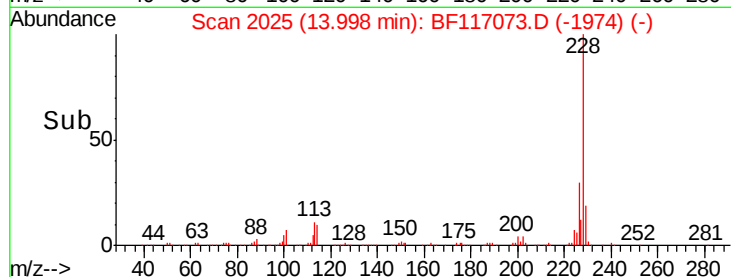
229 19.1 15.8 23.8



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: 41.249 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

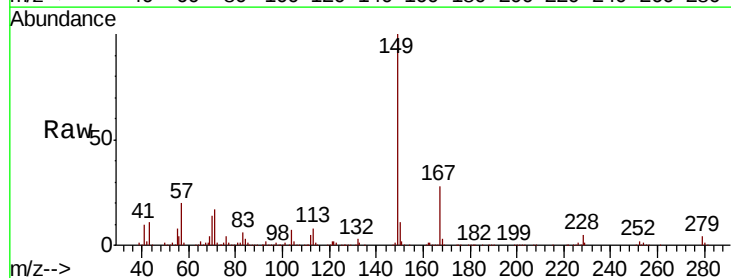
Tgt Ion:149 Resp: 210063

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

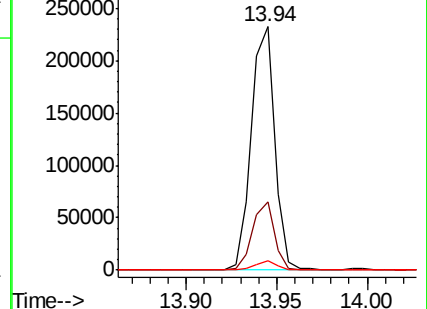
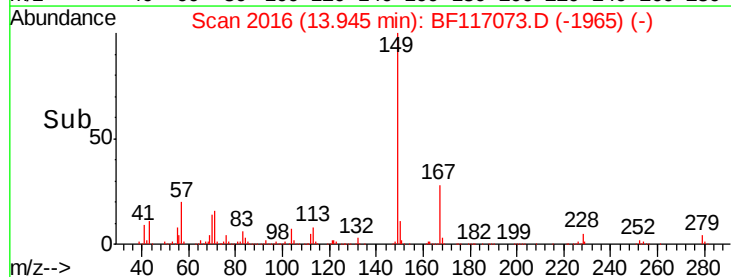
279 3.7 2.8 4.2

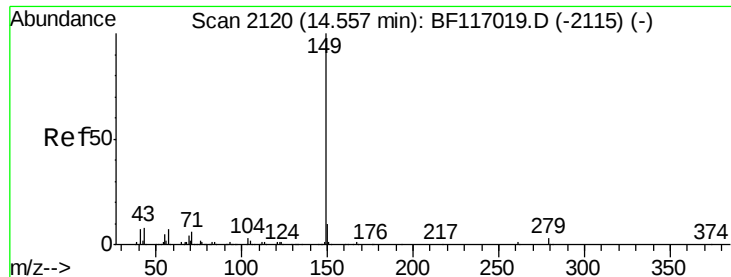


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

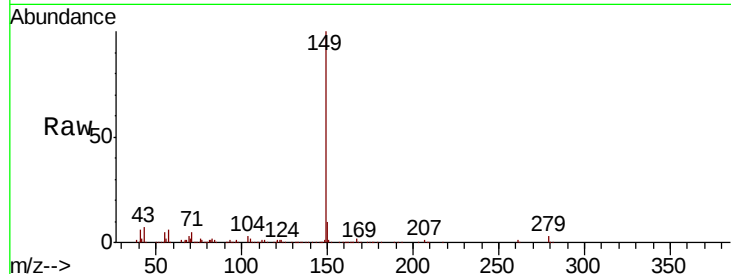




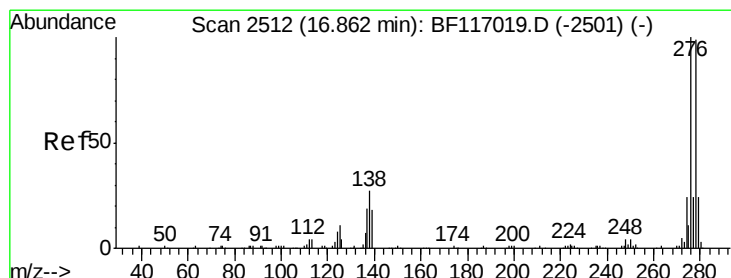
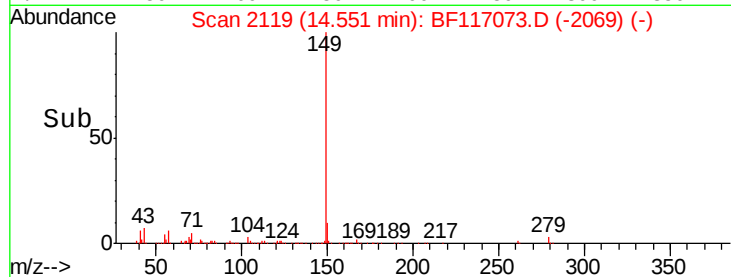
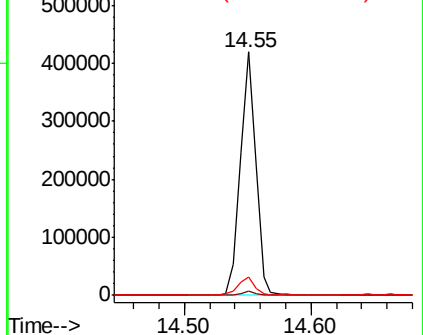
#85
 Di-n-octyl phthalate
 Concen: 43.405 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	7.6	6.2	9.4

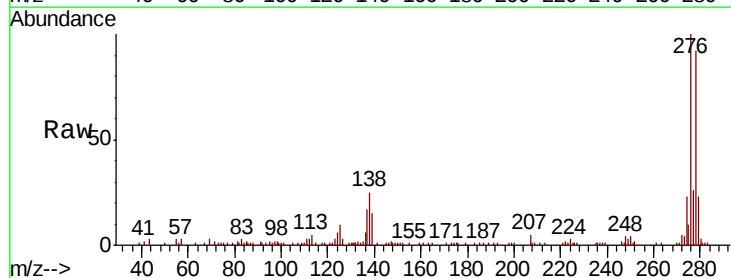


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

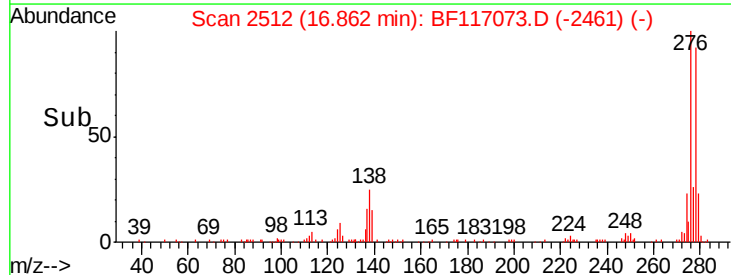
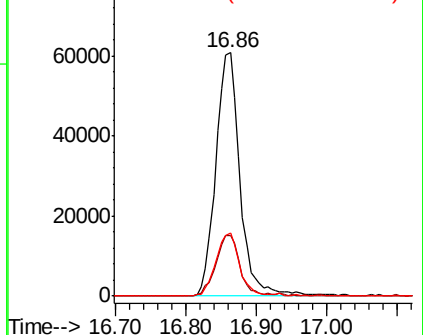


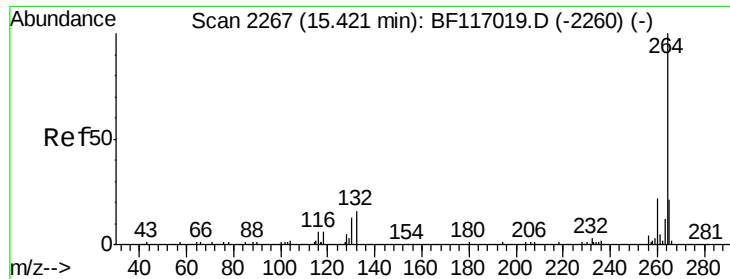
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 30.650 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BF117073.D
 Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.7	31.1
277	25.0	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



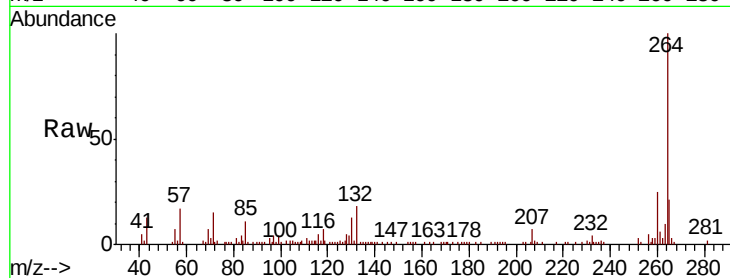


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

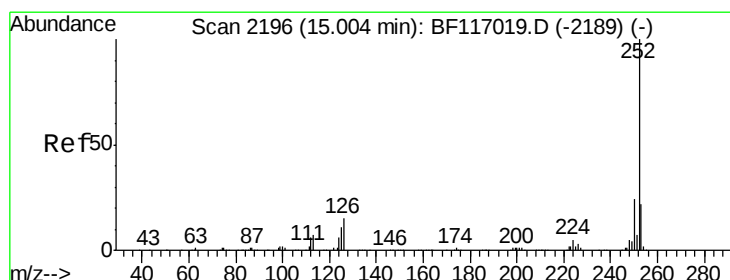
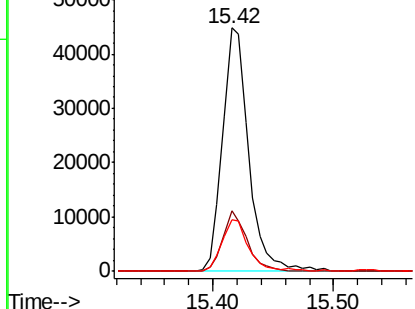
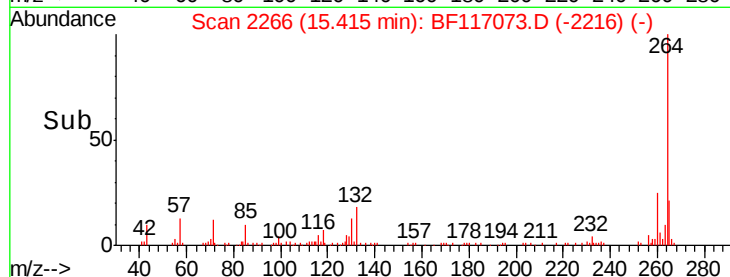
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 67226

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.6	26.4
265	21.4	16.6	24.8



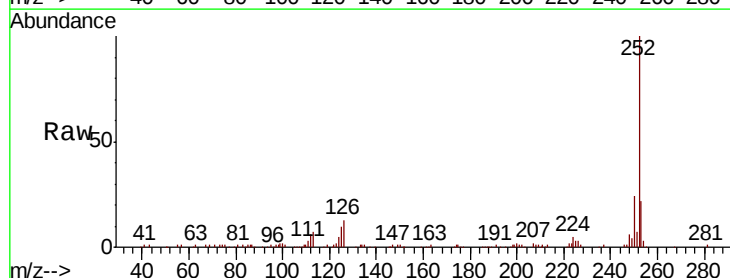
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



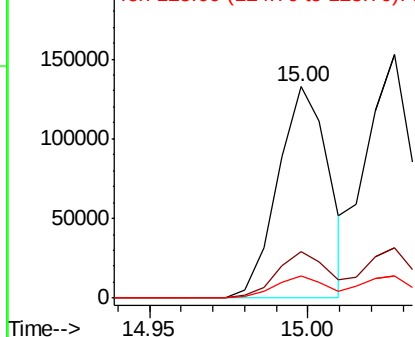
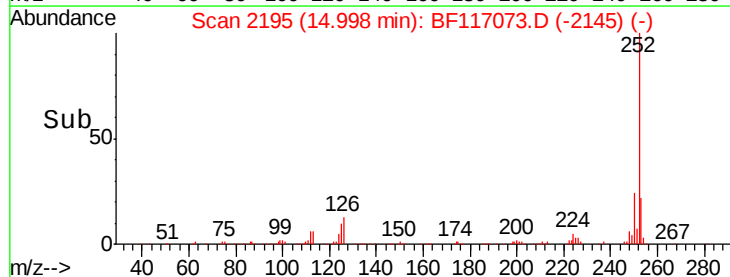
#88
Benzo(b)fluoranthene
Concen: 36.625 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

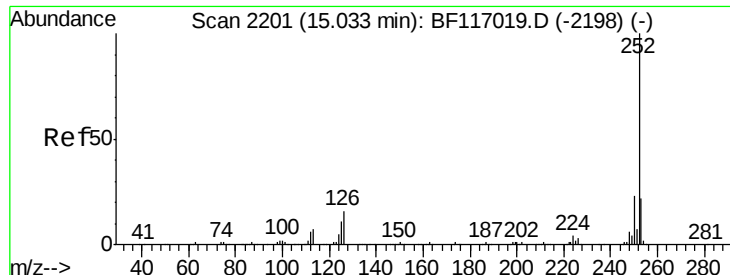
Tgt Ion:252 Resp: 149143

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.5	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

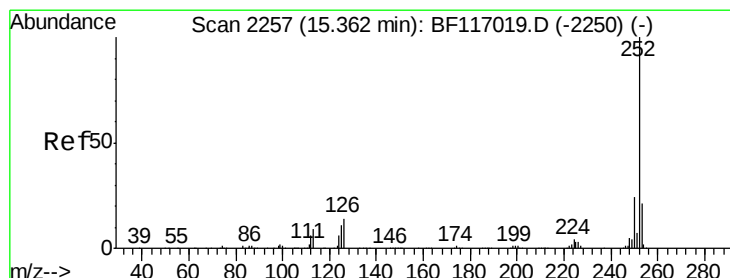
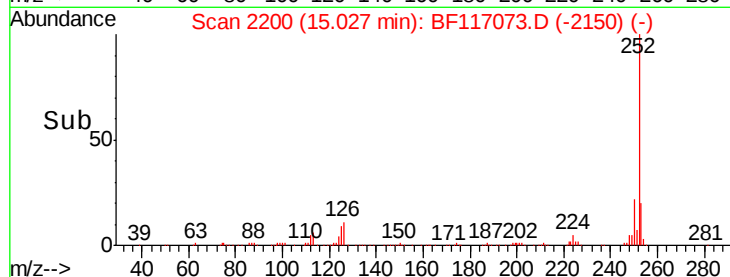
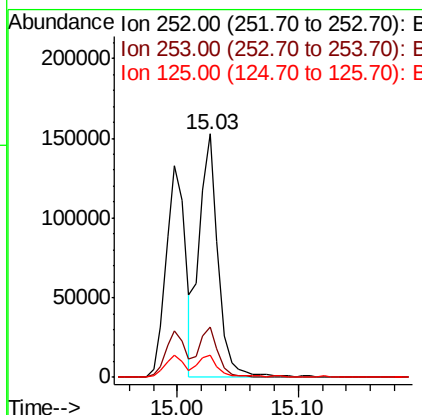
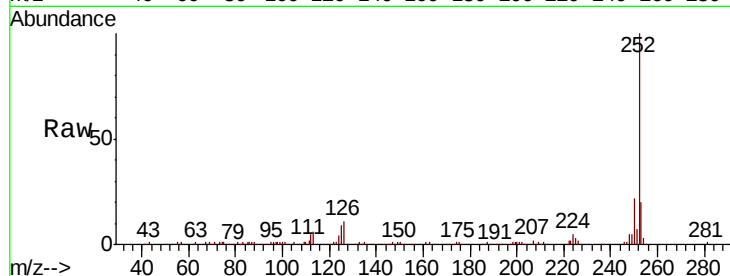




#89
Benzo(k)fluoranthene
Concen: 43.082 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

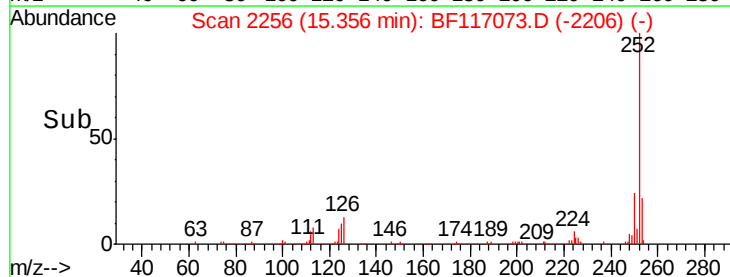
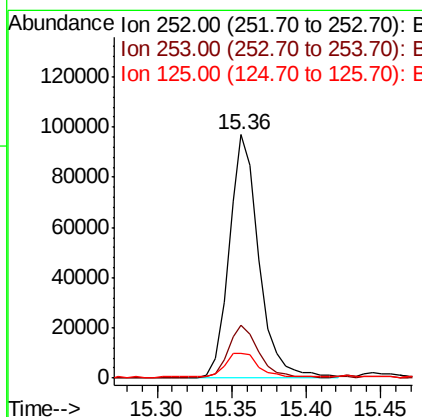
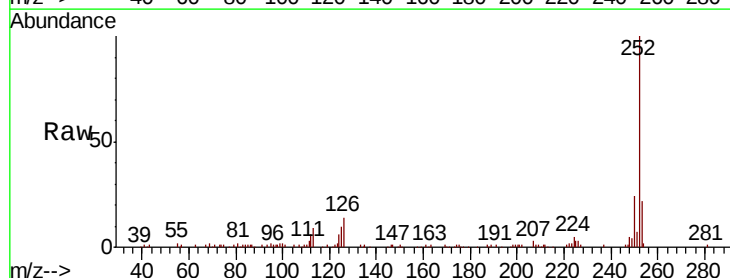
Instrument :
BNA_F
ClientSampleId :

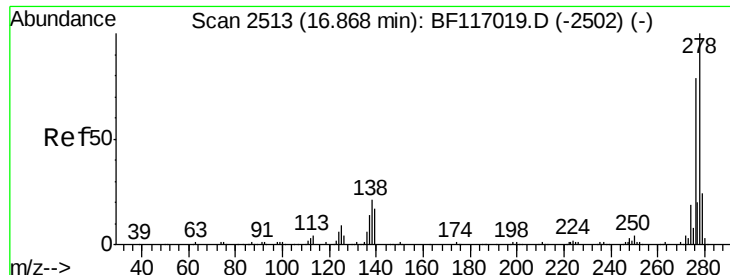
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.4	26.2
125	9.2	8.8	13.2



#90
Benzo(a)pyrene
Concen: 37.832 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117073.D
Acq: 16 Sep 2019 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	10.4	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.924 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

Instrument :

BNA_F

ClientSampleId :

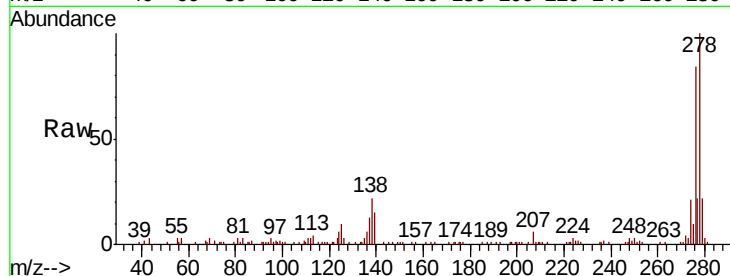
Tot Ion:278 Resp: 116495

Ion Ratio Lower Upper

278 100

139 15.1 13.5 20.3

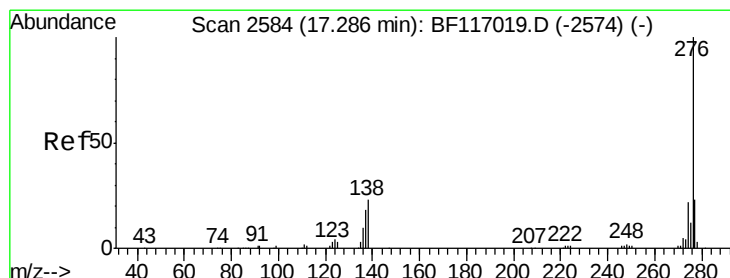
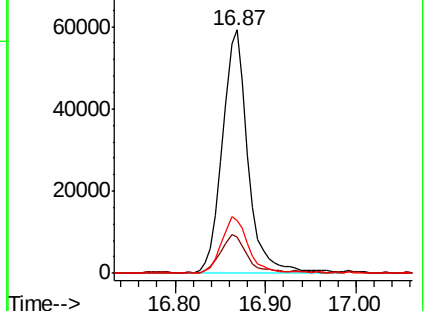
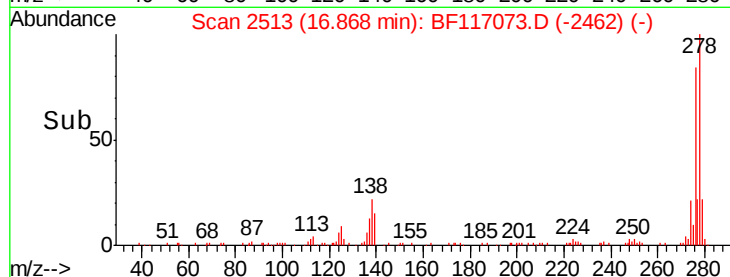
279 21.8 18.8 28.2



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: 40.092 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF117073.D

Acq: 16 Sep 2019 21:05

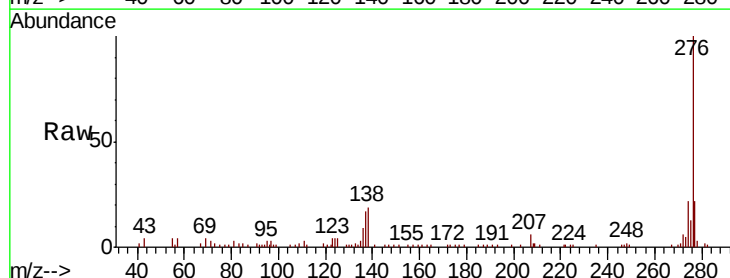
Tgt Ion:276 Resp: 113728

Ion Ratio Lower Upper

276 100

277 22.3 18.6 27.8

138 19.0 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

