

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117217.D
 Acq On : 24 Sep 2019 16:00
 Operator : JU
 Sample : PB123268BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 02:37:23 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	6.82	152	30774	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	132576	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	72593	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	119133	20.00	ng	0.00
76) Chrysene-d12	13.98	240	81185	20.00	ng	0.00
87) Perylene-d12	15.43	264	64859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	230678	117.03	ng	0.01
7) Phenol-d6	6.46	99	299706	117.65	ng	0.00
23) Nitrobenzene-d5	7.38	82	180478	71.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	73869	121.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	333911	71.92	ng	0.00
79) Terphenyl-d14	12.92	244	332025	76.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	33735	40.900	ng	# 96
3) Pyridine	3.39	79	77329	34.253	ng	94
4) n-Nitrosodimethylamine	3.33	42	37113	47.903	ng	82
6) Aniline	6.48	93	105803	32.259	ng	# 88
8) 2-Chlorophenol	6.60	128	99156	46.630	ng	97
9) Benzaldehyde	6.36	77	55184	44.392	ng	95
10) Phenol	6.47	94	127945	45.560	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	91165	44.169	ng	97
12) 1,3-Dichlorobenzene	6.76	146	101436	42.510	ng	99
13) 1,4-Dichlorobenzene	6.83	146	104766	43.023	ng	98
14) 1,2-Dichlorobenzene	6.99	146	97033	42.799	ng	97
15) Benzyl Alcohol	6.96	79	92432	47.317	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	84111	41.248	ng	66
17) 2-Methylphenol	7.07	107	82277	46.167	ng	# 92
18) Hexachloroethane	7.32	117	40588	43.327	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	72669	46.848	ng	93
20) 3+4-Methylphenols	7.23	107	105981	47.742	ng	90
22) Acetophenone	7.22	105	149782	44.467	ng	# 99
24) Nitrobenzene	7.40	77	110654	44.408	ng	99
25) Isophorone	7.64	82	195843	43.837	ng	99
26) 2-Nitrophenol	7.72	139	49043	45.822	ng	96
27) 2,4-Dimethylphenol	7.76	122	86825	51.155	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	115289	41.885	ng	100
29) 2,4-Dichlorophenol	7.96	162	80377	45.195	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	82611	42.996	ng	97
31) Naphthalene	8.12	128	283682	44.492	ng	99
32) Benzoic acid	7.90	122	41022	34.205	ng	97
33) 4-Chloroaniline	8.17	127	72178	25.523	ng	98
34) Hexachlorobutadiene	8.23	225	46008	42.206	ng	99
35) Caprolactam	8.54	113	14772	24.540	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	94996	45.810	ng	99
37) 2-Methylnaphthalene	8.81	142	196244	45.706	ng	100
38) 1-Methylnaphthalene	8.91	142	183463	45.623	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	77486	41.336	ng	98

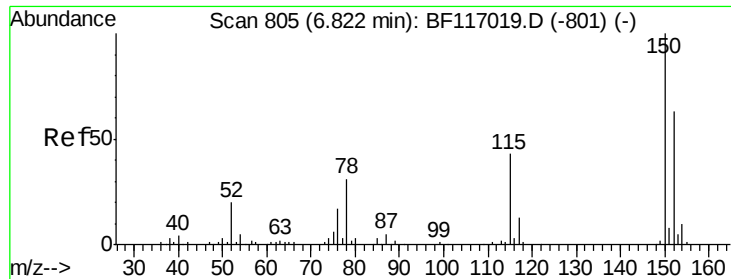
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117217.D
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 Operator : JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 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)
41) Hexachlorocyclopentadiene	8.96	237	63923	77.426	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	51294	40.322	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	55888	41.120	ng	99
46) 1,1'-Biphenyl	9.27	154	232422	40.817	ng	98
47) 2-Chloronaphthalene	9.30	162	180584	40.184	ng	97
48) 2-Nitroaniline	9.40	65	58157	40.347	ng	97
49) Acenaphthylene	9.72	152	287855	42.758	ng	99
50) Dimethylphthalate	9.57	163	212446	41.332	ng	97
51) 2,6-Dinitrotoluene	9.64	165	46412	44.335	ng	91
52) Acenaphthene	9.89	154	168602	42.248	ng	98
53) 3-Nitroaniline	9.81	138	35479	26.862	ng	98
54) 2,4-Dinitrophenol	9.93	184	32470	72.769	ng	94
55) Dibenzofuran	10.06	168	255639	43.417	ng	98
56) 4-Nitrophenol	9.99	139	56315	65.787	ng	93
57) 2,4-Dinitrotoluene	10.05	165	62998	46.361	ng	# 93
58) Fluorene	10.40	166	213316	44.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	45085	43.347	ng	97
60) Diethylphthalate	10.27	149	221722	43.846	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	93591	45.607	ng	96
62) 4-Nitroaniline	10.43	138	53287	38.795	ng	87
63) Azobenzene	10.55	77	228397	44.223	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	25596	47.275	ng	84
66) n-Nitrosodiphenylamine	10.51	169	181282	44.061	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	53289	43.800	ng	96
68) Hexachlorobenzene	10.96	284	55138	41.435	ng	94
69) Atrazine	11.04	200	50355	50.974	ng	98
70) Pentachlorophenol	11.15	266	47637	76.370	ng	96
71) Phenanthrene	11.36	178	292788	43.269	ng	99
72) Anthracene	11.42	178	306561	44.376	ng	100
73) Carbazole	11.57	167	272682	41.584	ng	99
74) Di-n-butylphthalate	11.89	149	345805	44.323	ng	99
75) Fluoranthene	12.55	202	294495	42.356	ng	98
77) Benzidine	12.67	184	115467	44.153	ng	98
78) Pyrene	12.78	202	295678	43.405	ng	98
80) Butylbenzylphthalate	13.39	149	136101	42.283	ng	97
81) Benzo(a)anthracene	13.97	228	227758	41.990	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	53421	30.563	ng	98
83) Chrysene	14.00	228	223603	42.267	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	187702	45.228	ng	99
85) Di-n-octyl phthalate	14.56	149	291769	44.667	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	153524	39.778	ng	98
88) Benzo(b)fluoranthene	15.01	252	175864	44.763	ng	98
89) Benzo(k)fluoranthene	15.04	252	175334	47.113	ng	97
90) Benzo(a)pyrene	15.37	252	159704	46.324	ng	97
91) Dibenzo(a,h)anthracene	16.89	278	129955	47.318	ng	98
92) Benzo(g,h,i)perylene	17.32	276	122938	44.921	ng	98

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

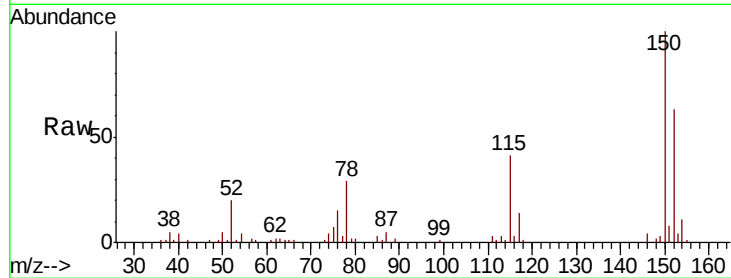


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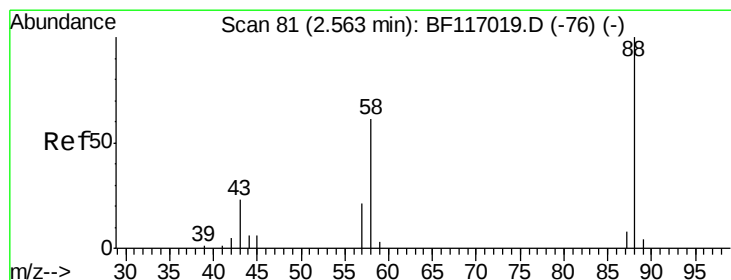
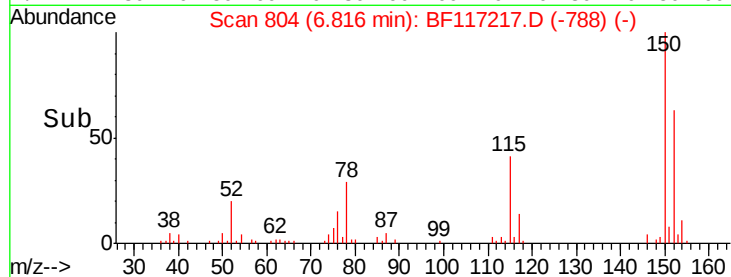
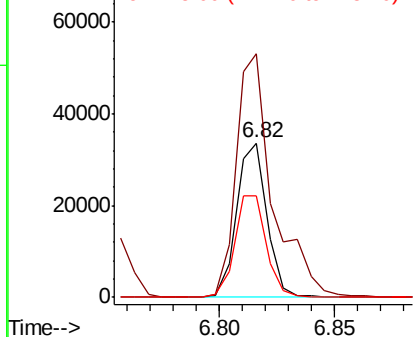
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30774
Ion Ratio Lower Upper
152 100
150 157.8 127.5 191.3
115 65.4 55.0 82.4



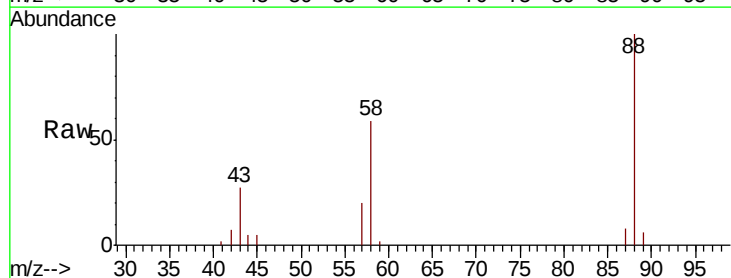
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



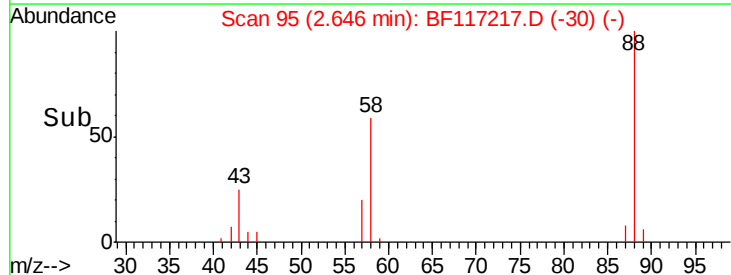
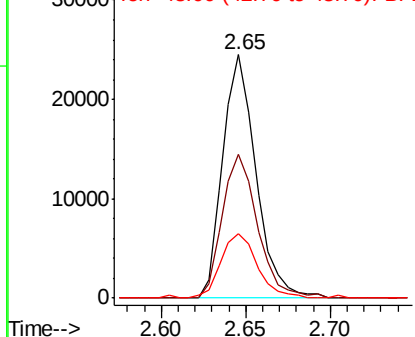
#2

1,4-Dioxane
Concen: 40.900 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.08 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion: 88 Resp: 33735
Ion Ratio Lower Upper
88 100
58 62.8 49.3 73.9
43 29.0 18.8 28.2#



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





#3

Pvridine

Concen: 34.253 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

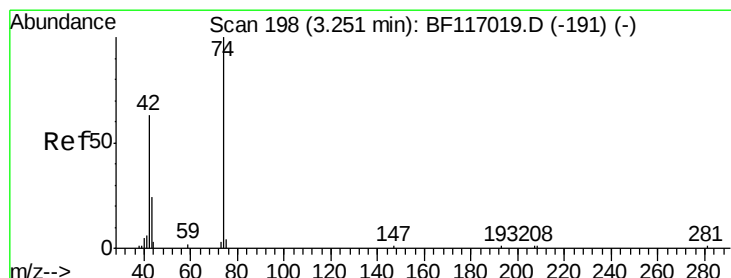
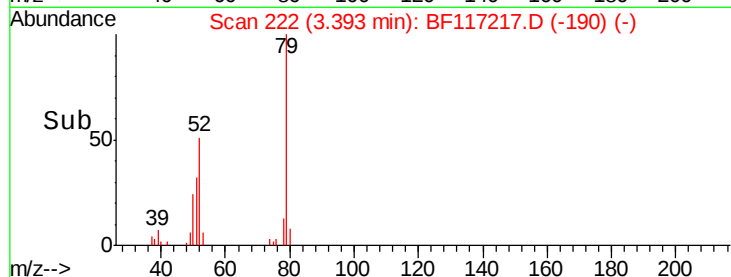
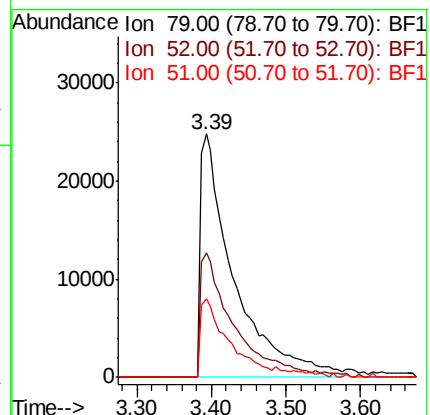
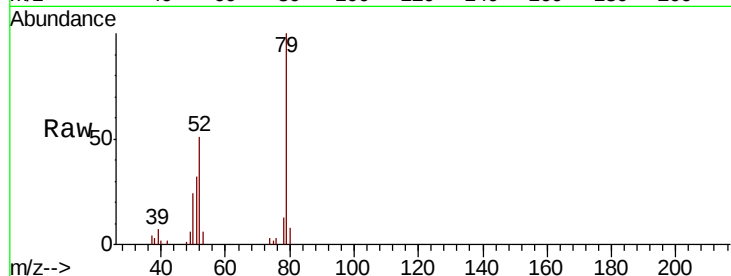
Tot Ion: 79 Resp: 77329

Ion Ratio Lower Upper

79 100

52 51.0 43.5 65.3

51 32.1 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 47.903 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

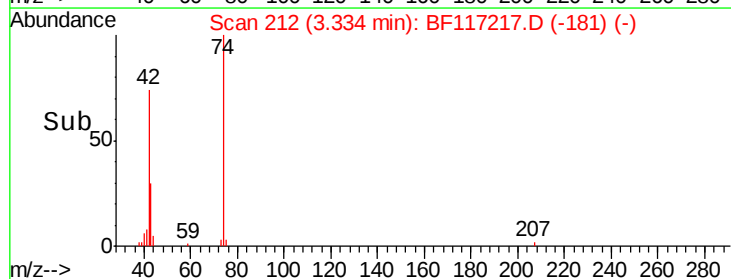
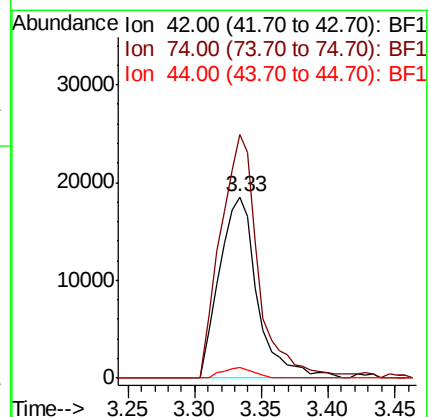
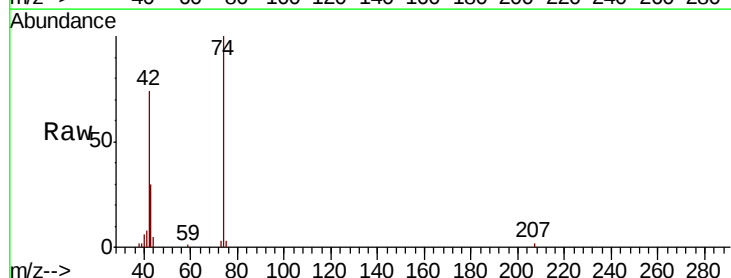
Tgt Ion: 42 Resp: 37113

Ion Ratio Lower Upper

42 100

74 134.6 127.1 190.7

44 6.1 4.3 6.5





#5

2-Fluorophenol

Concen: 117.029 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

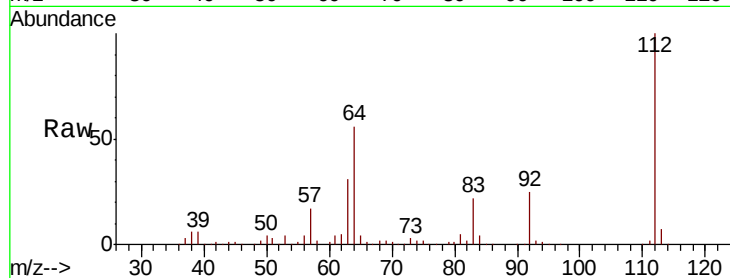
Tot Ion: 112 Resp: 230678

Ion Ratio Lower Upper

112 100

64 55.8 45.7 68.5

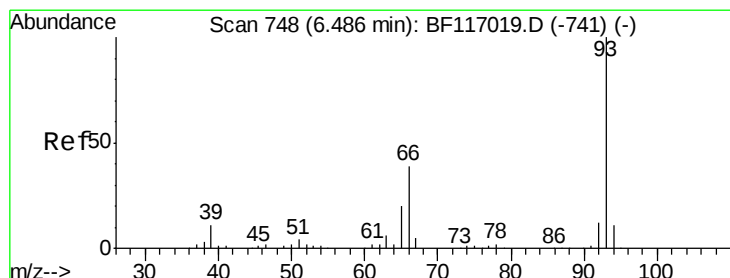
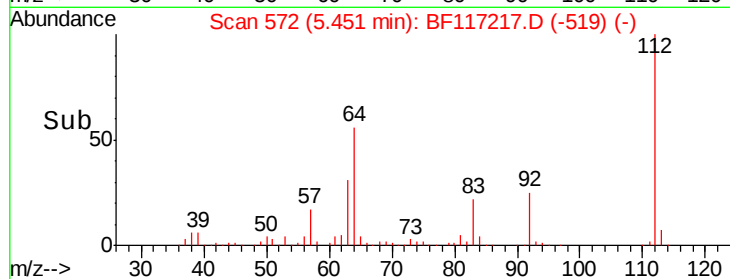
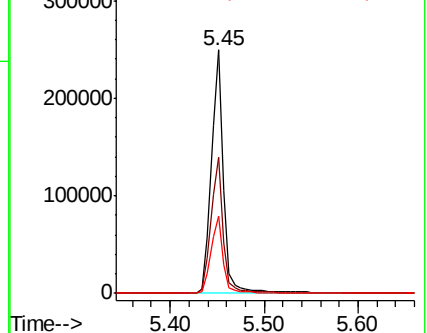
63 31.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.259 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

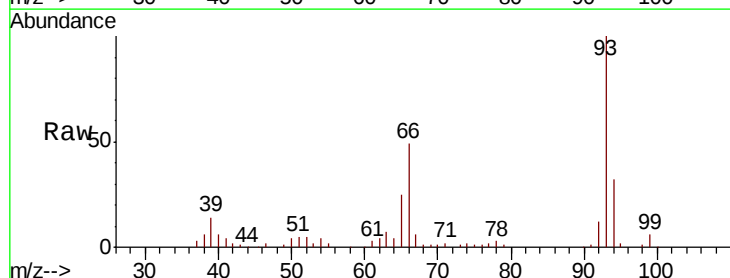
Tgt Ion: 93 Resp: 105803

Ion Ratio Lower Upper

93 100

66 49.2 32.6 49.0#

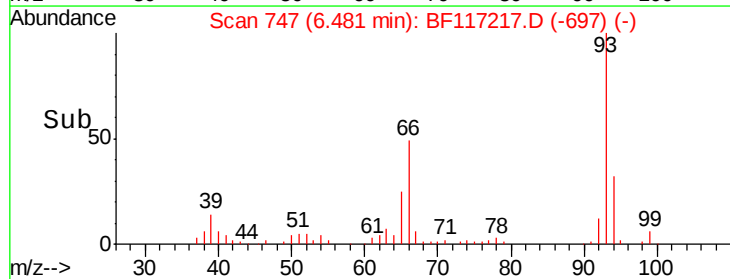
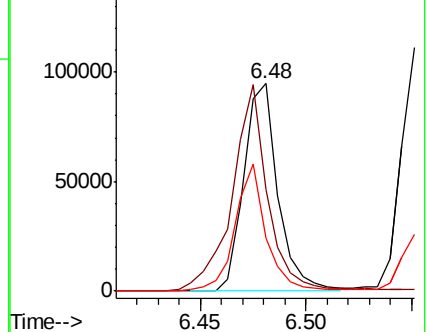
65 25.4 16.7 25.1#

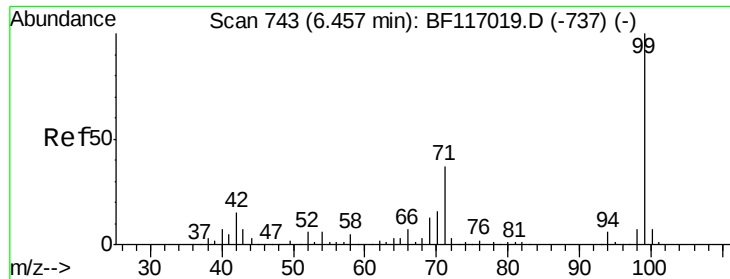


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.652 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

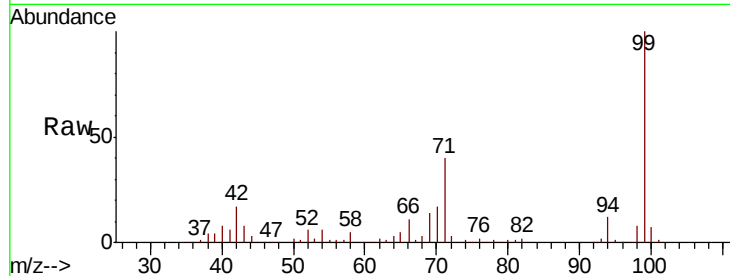
Tot Ion: 99 Resp: 299706

Ion Ratio Lower Upper

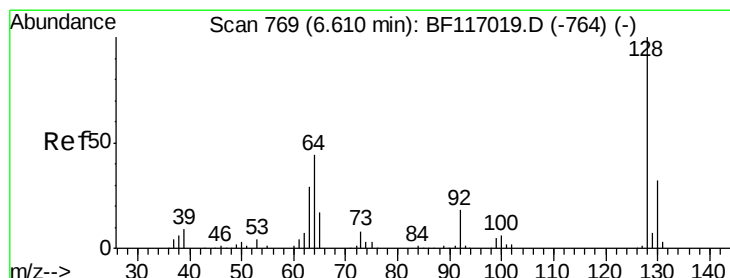
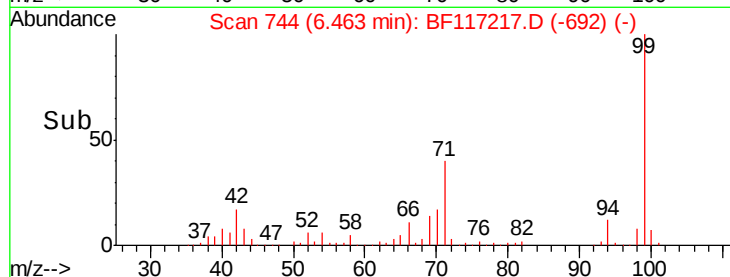
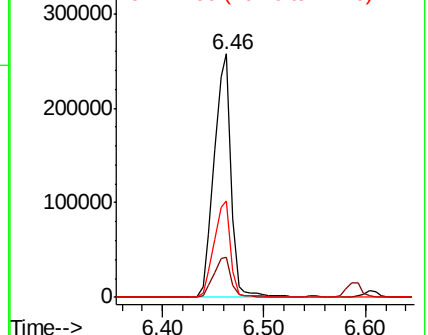
99 100

42 16.6 12.2 18.2

71 39.5 29.8 44.8



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



#8

2-Chlorophenol

Concen: 46.630 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

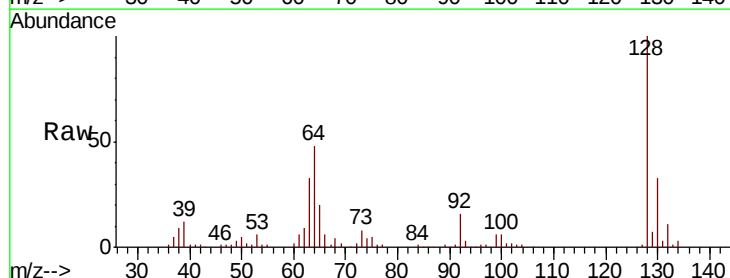
Tgt Ion: 128 Resp: 99156

Ion Ratio Lower Upper

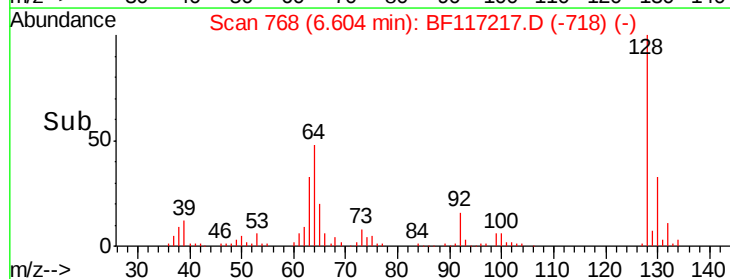
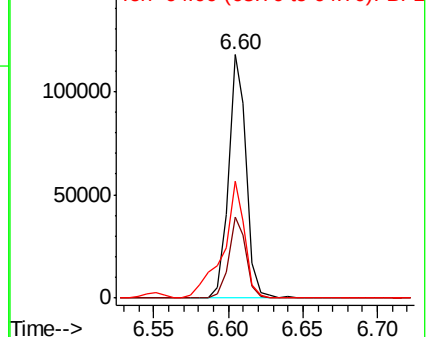
128 100

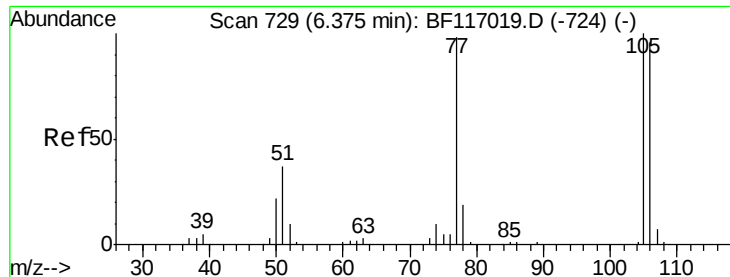
130 33.1 11.8 51.8

64 47.8 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

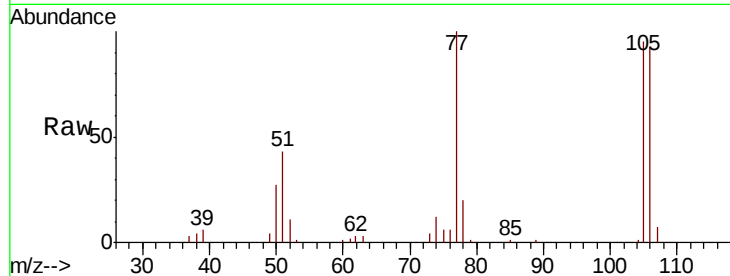




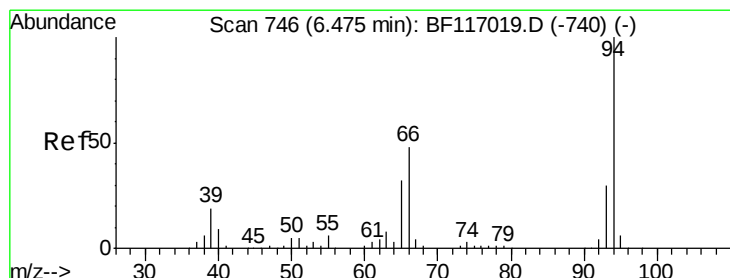
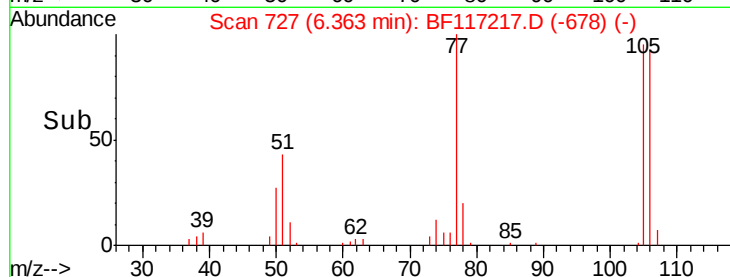
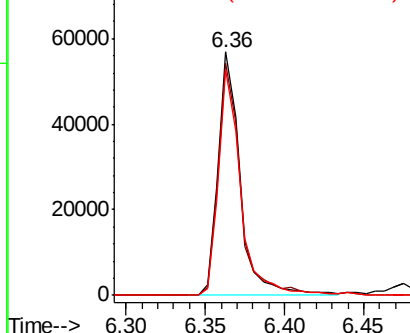
#9
Benzaldehyde
Concen: 44.392 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 55184
Ion Ratio Lower Upper
77 100
105 95.5 81.8 121.8
106 92.9 77.3 117.3

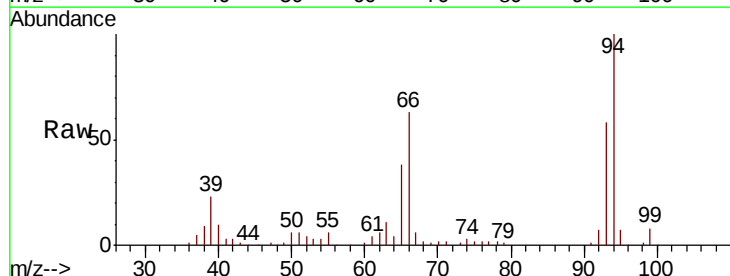


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

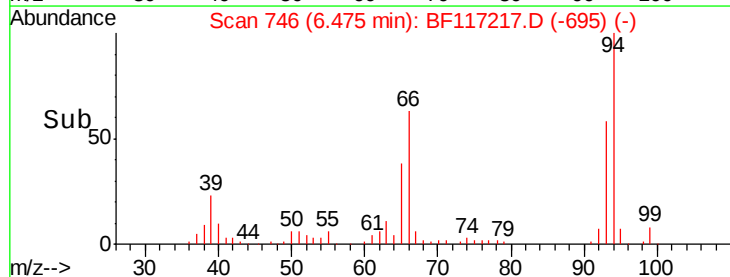
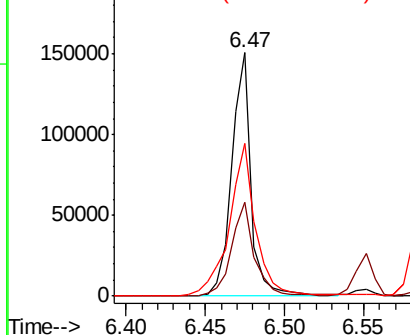


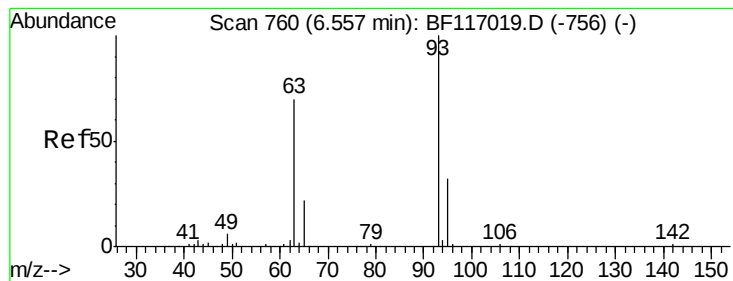
#10
Phenol
Concen: 45.560 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion: 94 Resp: 127945
Ion Ratio Lower Upper
94 100
65 38.4 12.5 52.5
66 62.6 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

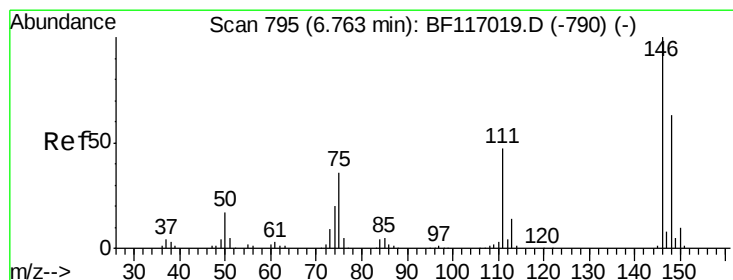
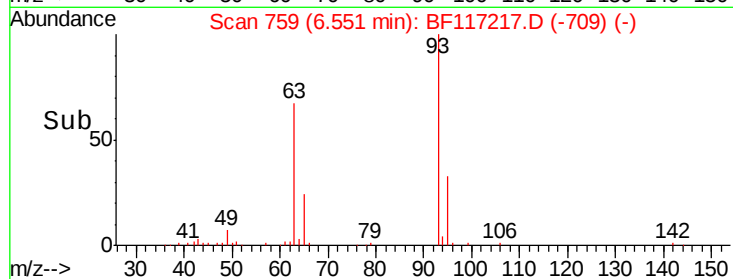
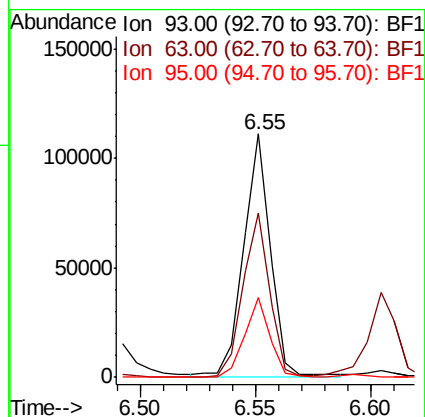
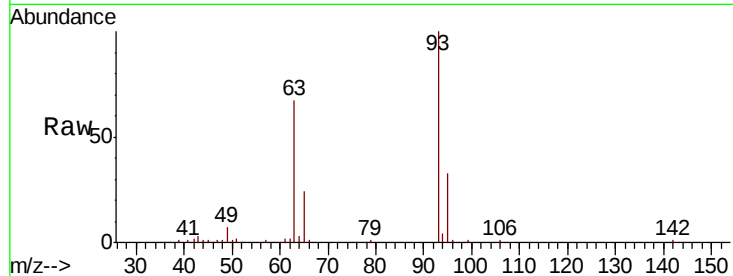




#11
 bis(2-Chloroethyl)ether
 Concen: 44.169 ng
 RT: 6.55 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

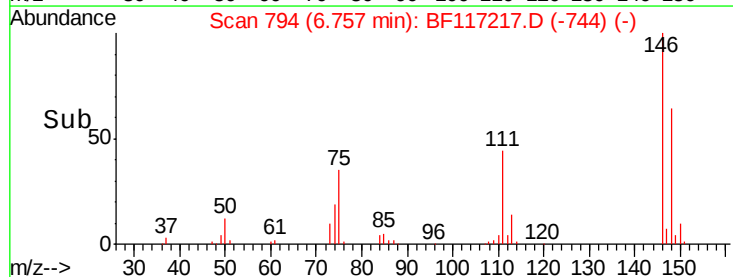
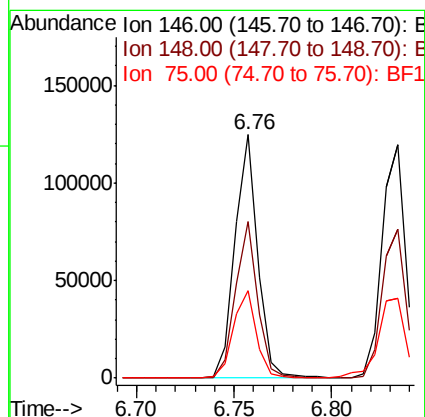
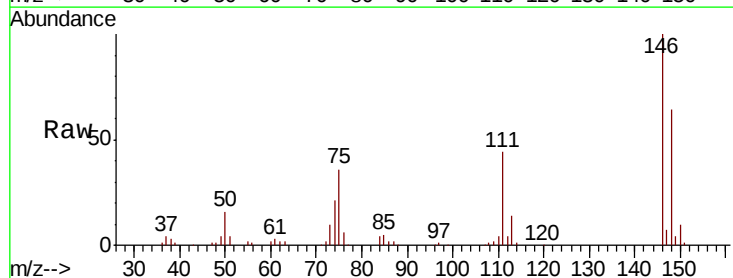
Instrument :
 BNA_F
 ClientSampled :

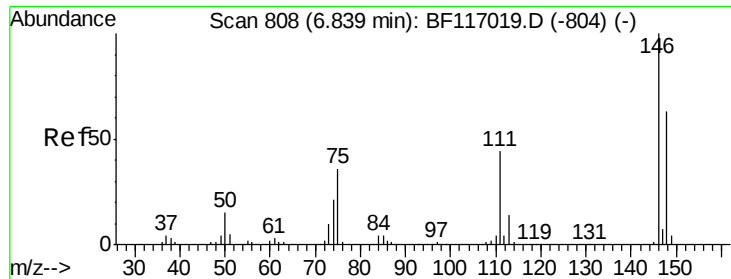
Tot Ion	93	Resp	91165
Ion	Ratio	Lower	Upper
93	100		
63	67.2	49.3	89.3
95	33.0	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 42.510 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion	146	Resp	101436
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
75	35.7	28.7	43.1

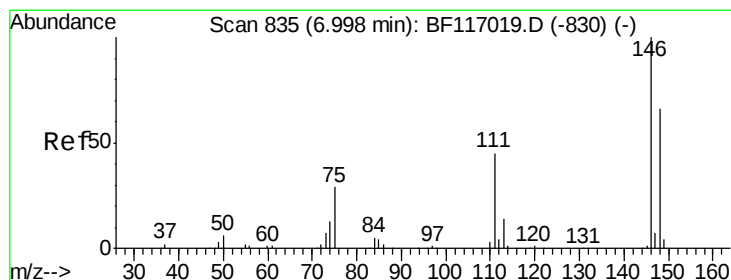
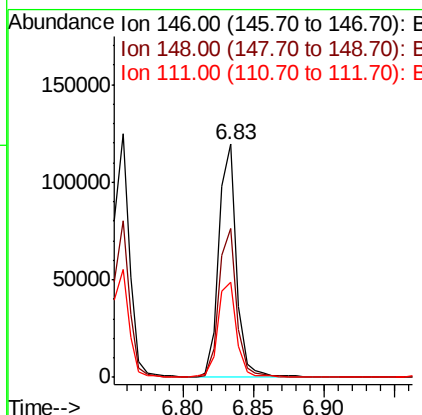
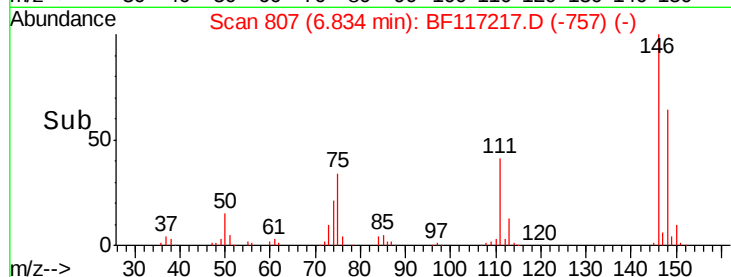
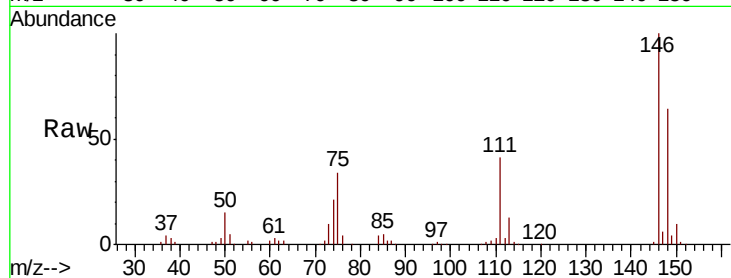




#13
 1,4-Dichlorobenzene
 Concen: 43.023 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

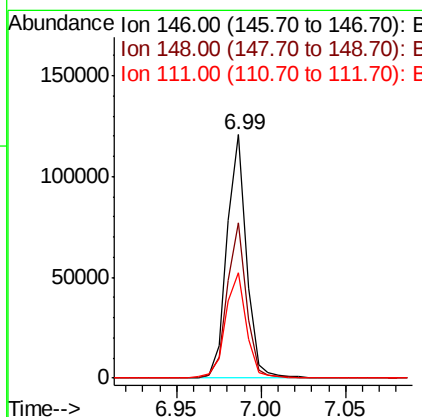
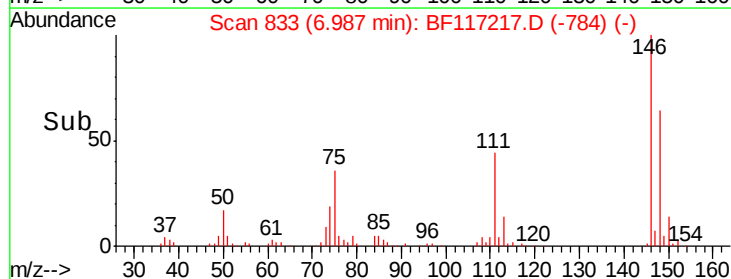
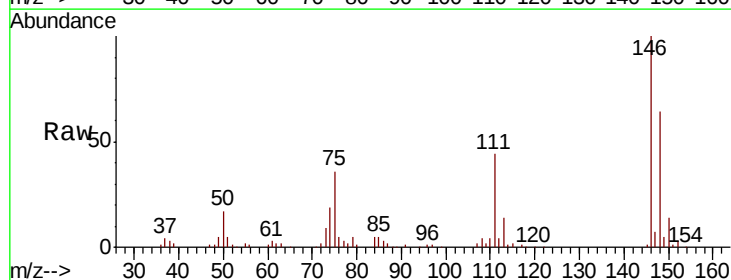
Instrument :
 BNA_F
 ClientSampleId :

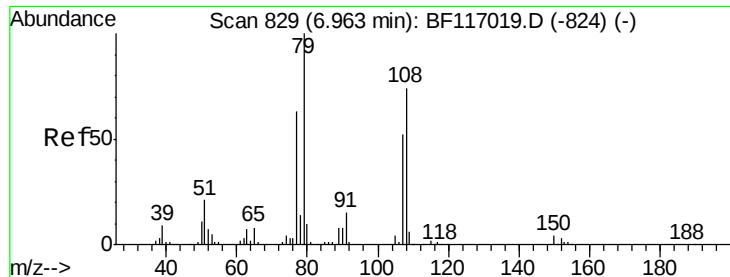
Tot Ion:146 Resp: 104766
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 41.0 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 42.799 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:146 Resp: 97033
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.6 78.8
 111 43.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.317 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampled :

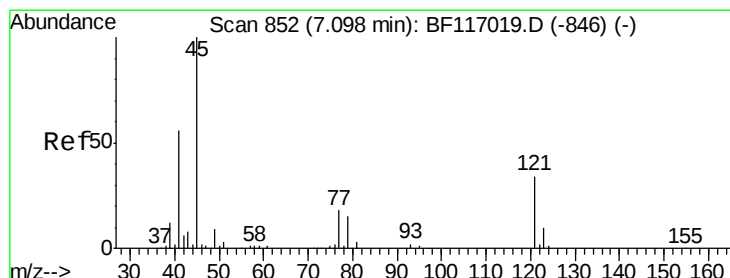
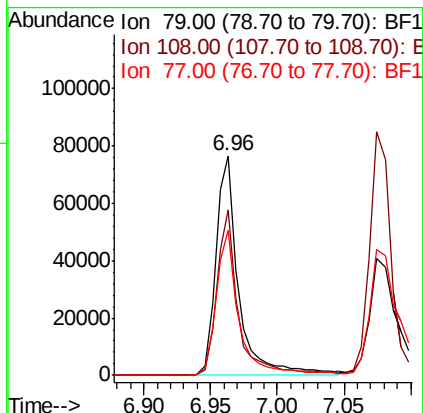
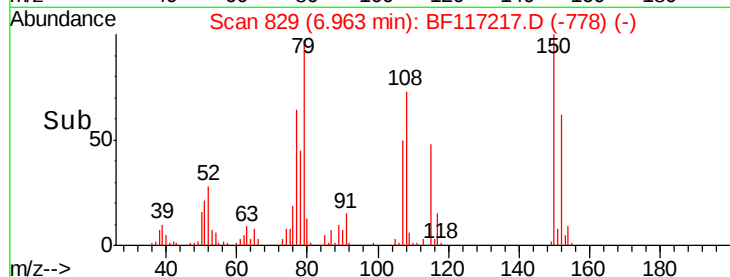
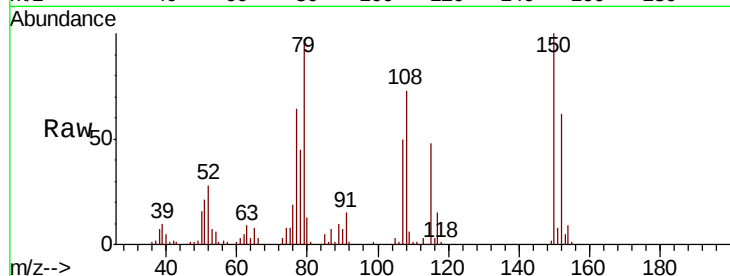
Tot Ion: 79 Resp: 92432

Ion Ratio Lower Upper

79 100

108 75.4 59.4 89.0

77 66.3 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.248 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

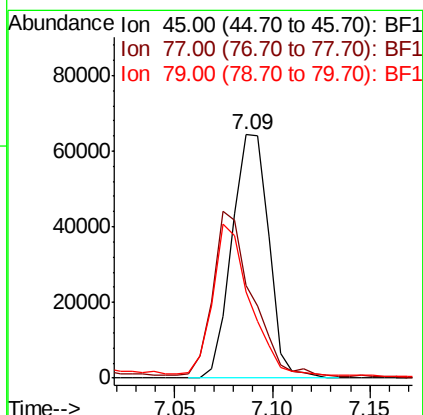
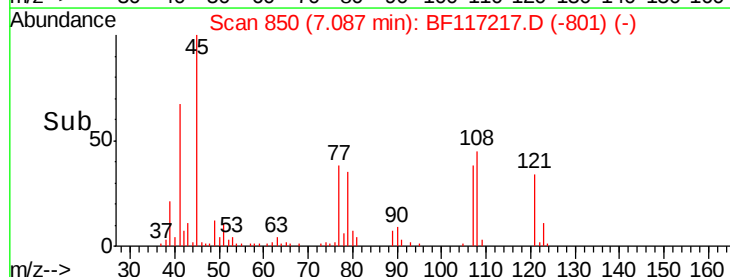
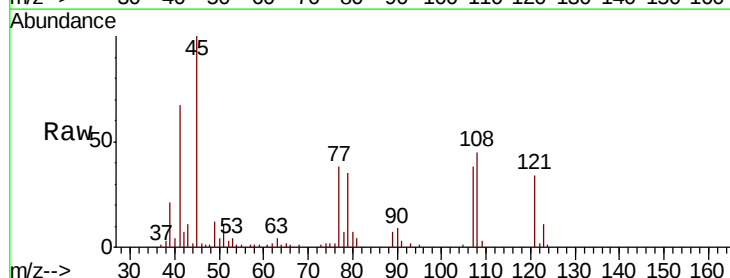
Tgt Ion: 45 Resp: 84111

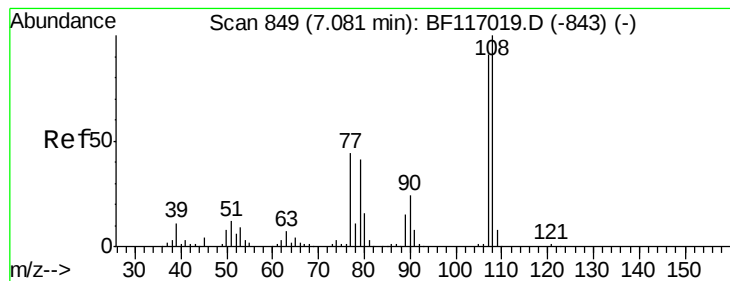
Ion Ratio Lower Upper

45 100

77 38.3 2.7 42.7

79 35.5 0.0 38.9

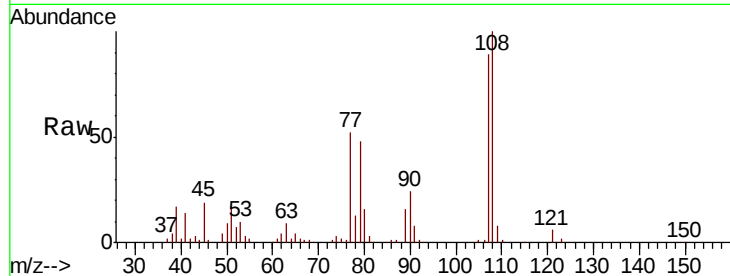




#17
2-Methylphenol
Concen: 46.167 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.7	131.5
77	58.4	38.6	58.0#
79	54.0	36.8	55.2



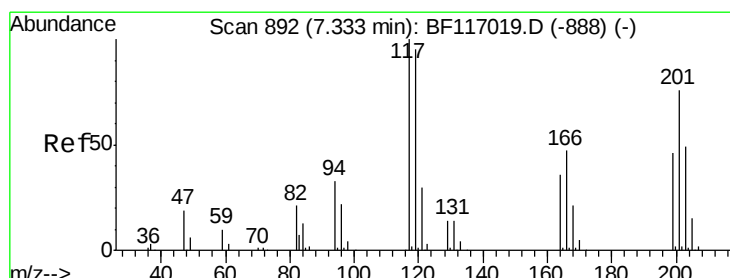
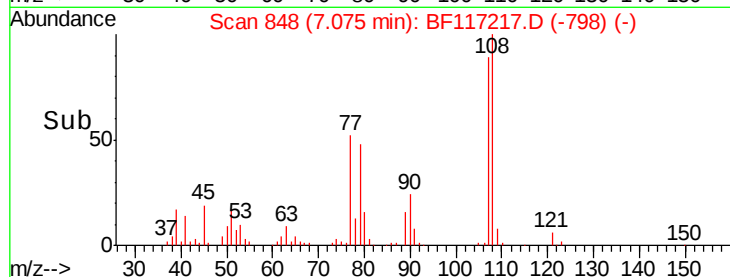
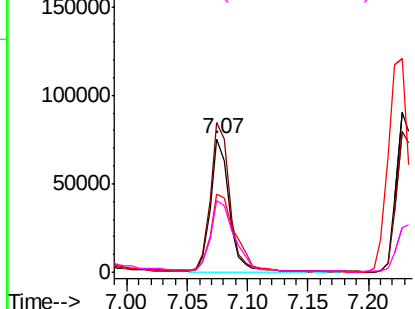
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

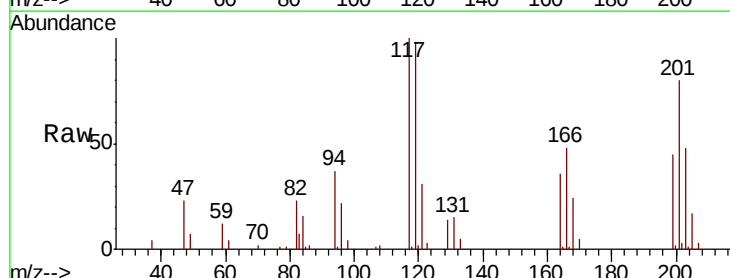
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.327 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.8
201	79.7	60.9	91.3

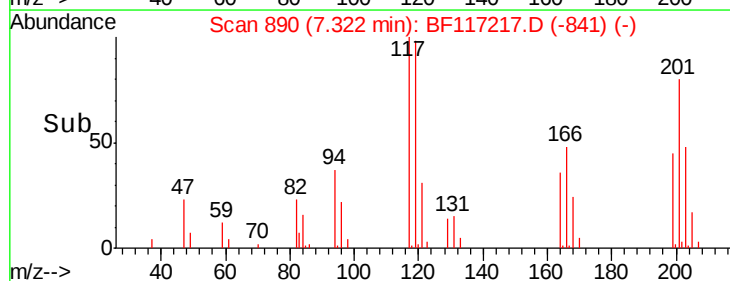
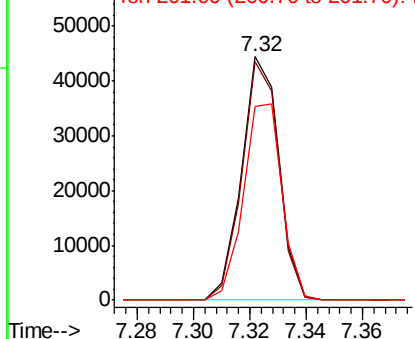


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.848 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 72669

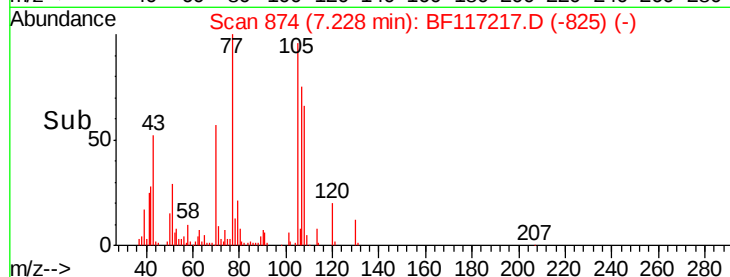
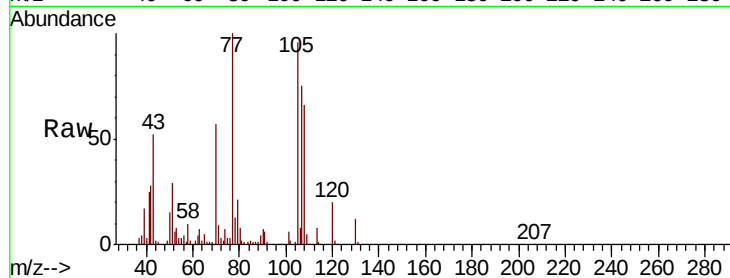
Ion Ratio Lower Upper

70 100

42 49.0 34.0 51.0

101 10.4 7.8 11.6

130 20.1 17.8 26.8

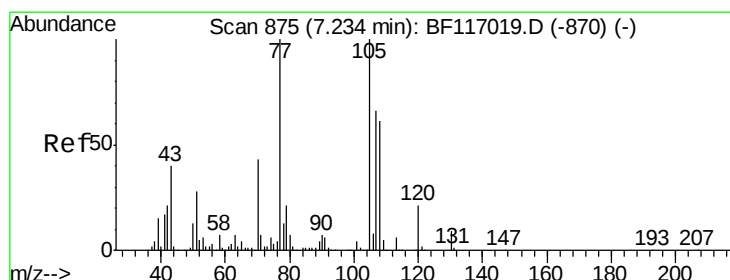
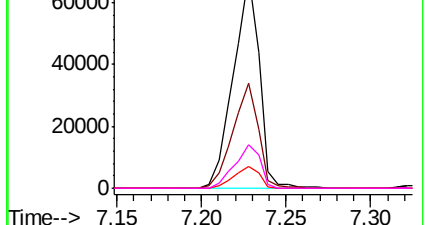


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 47.742 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Tgt Ion: 107 Resp: 105981

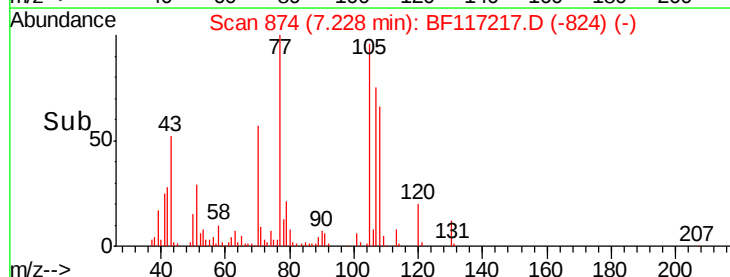
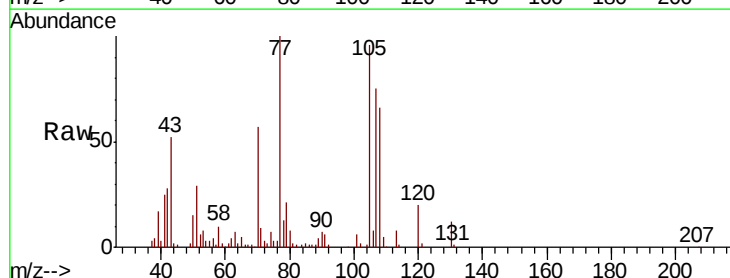
Ion Ratio Lower Upper

107 100

108 88.1 72.6 112.6

77 134.0 132.1 172.1

79 28.5 12.1 52.1

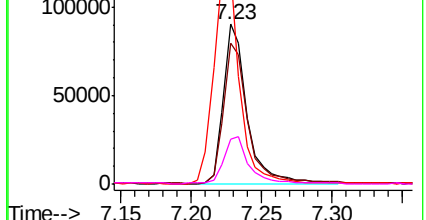


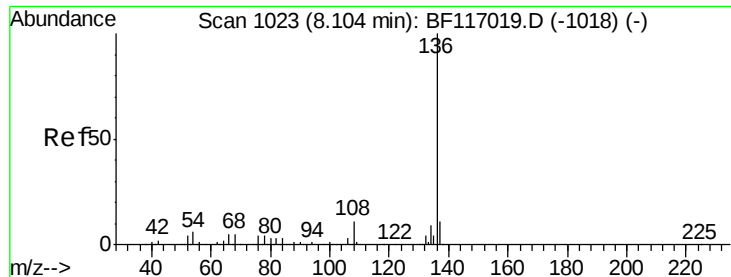
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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# 1022

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 132576

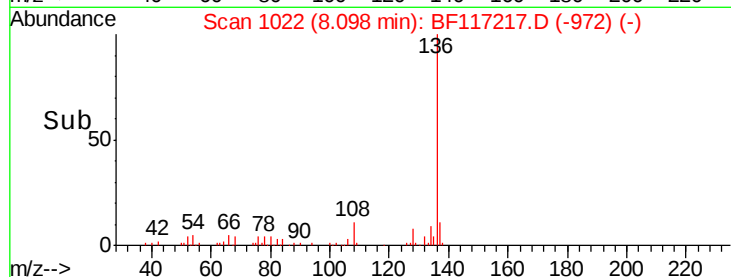
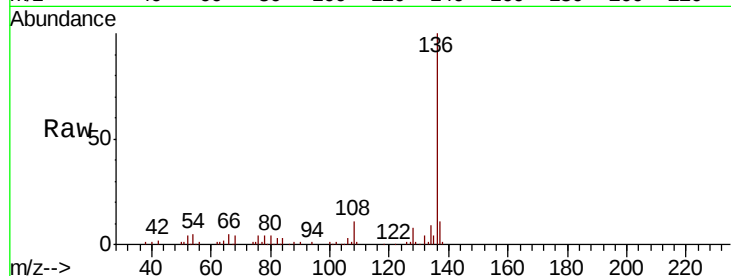
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.2 4.5 6.7

68 3.7 4.0 6.0#

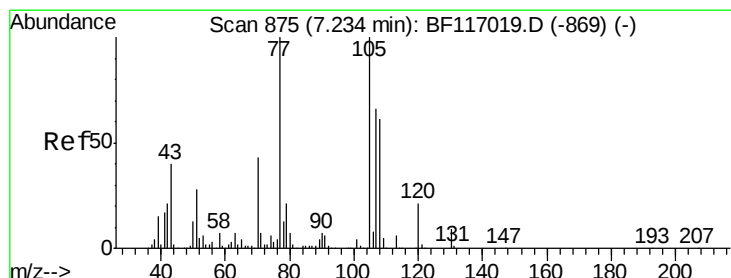
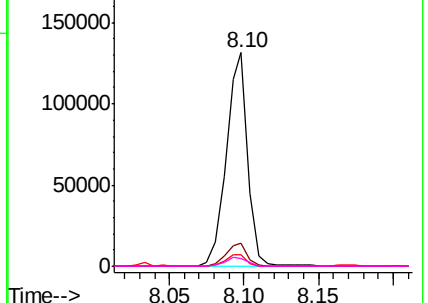


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.467 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Tgt Ion:105 Resp: 149782

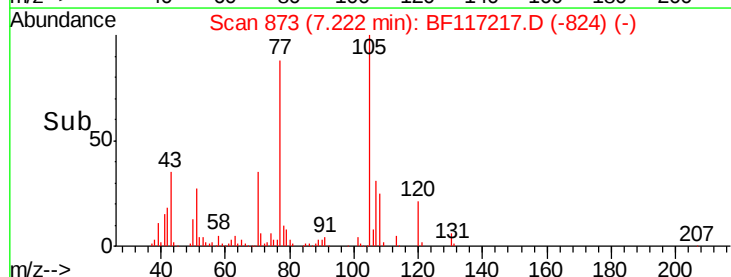
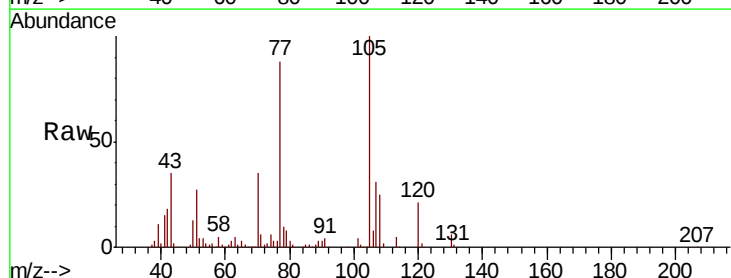
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 26.9 22.1 33.1

120 21.3 17.1 25.7

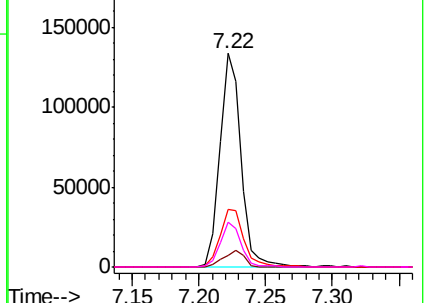


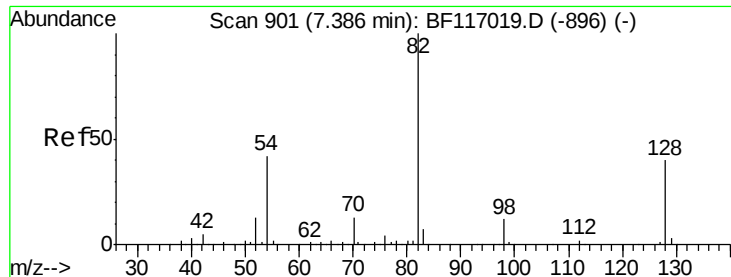
Abundance Ion 105.00 (104.70 to 105.70): E

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

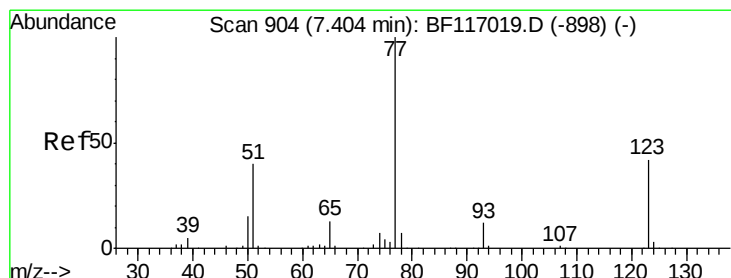
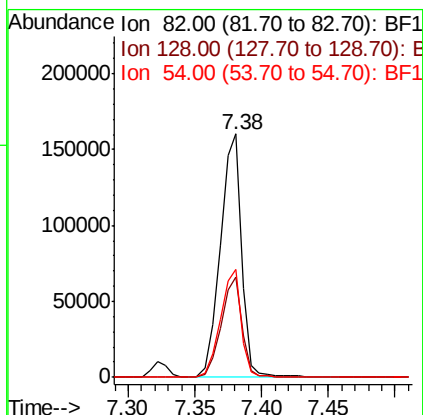
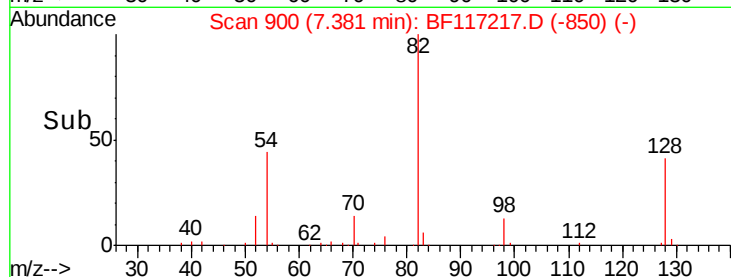
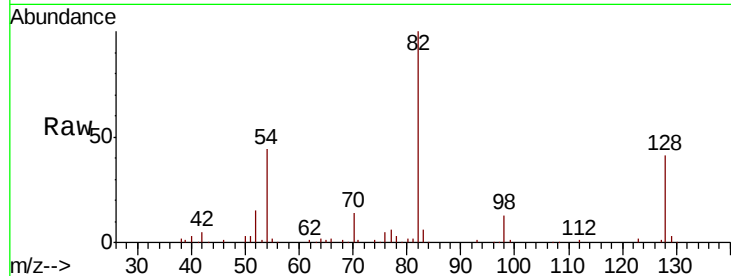




#23
Nitrobenzene-d5
Concen: 71.527 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

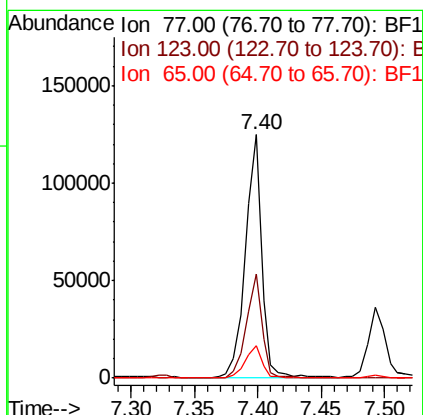
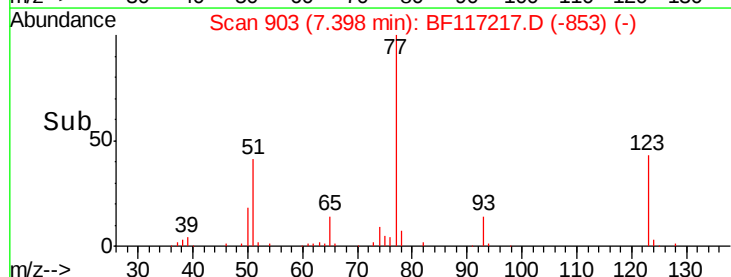
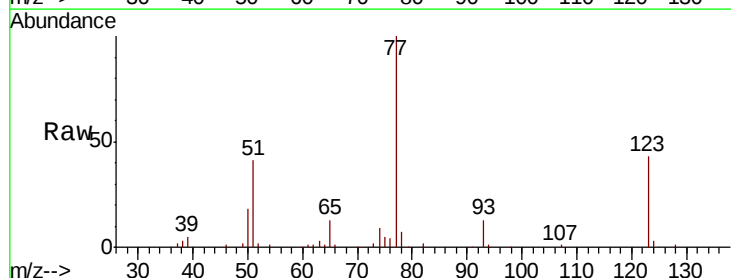
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 180478
Ion Ratio Lower Upper
82 100
128 41.2 32.3 48.5
54 44.2 33.3 49.9



#24
Nitrobenzene
Concen: 44.408 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion: 77 Resp: 110654
Ion Ratio Lower Upper
77 100
123 42.9 33.5 50.3
65 13.2 10.5 15.7

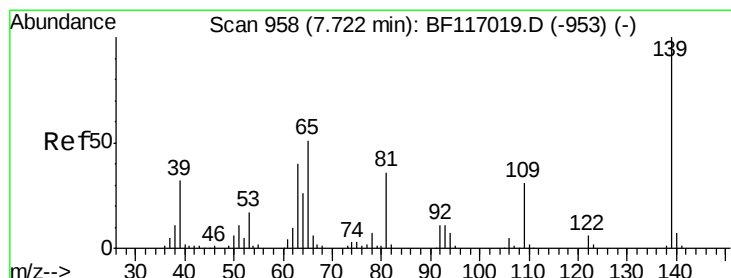
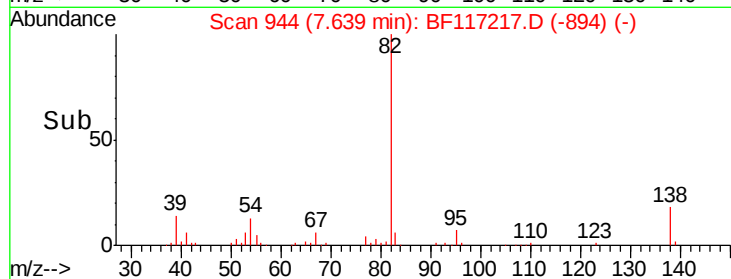
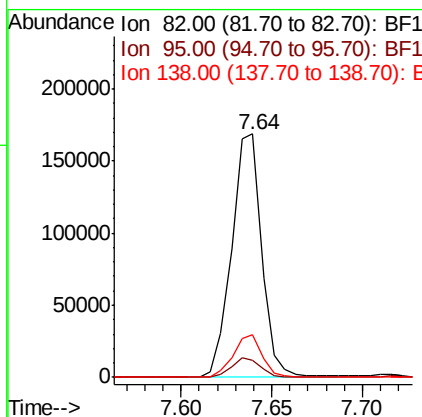
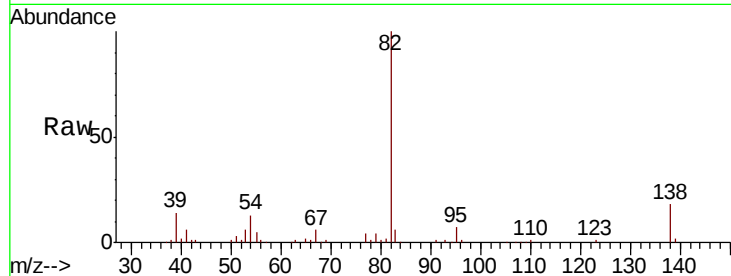




#25
Isophorone
Concen: 43.837 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

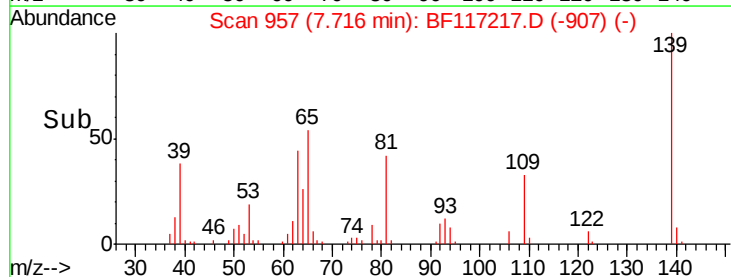
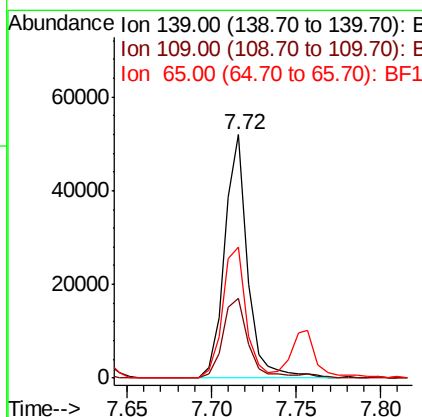
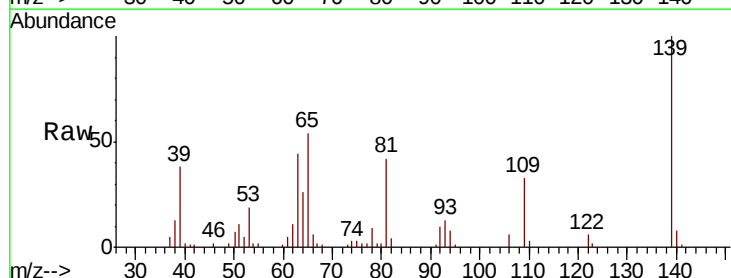
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 195843
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.6 13.5 20.3



#26
2-Nitrophenol
Concen: 45.822 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion: 139 Resp: 49043
Ion Ratio Lower Upper
139 100
109 32.7 24.6 36.8
65 53.9 40.9 61.3

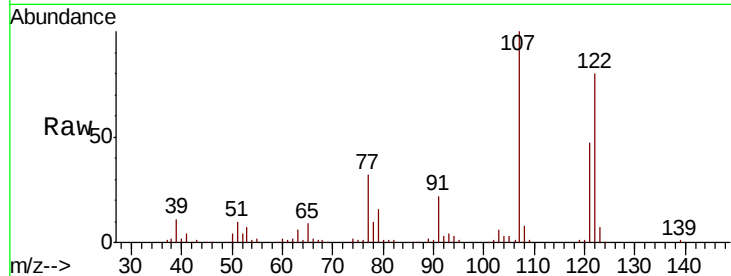




#27
 2,4-Dimethylphenol
 Concen: 51.155 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.2	98.9	148.3
121	59.3	45.3	67.9

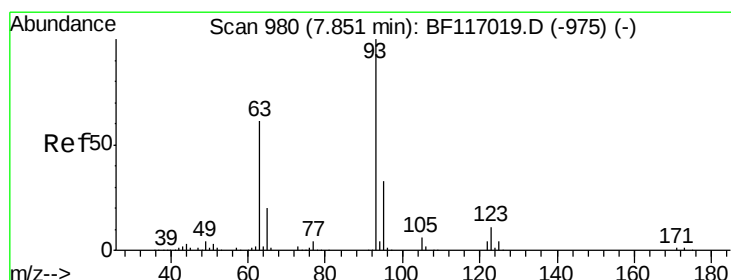
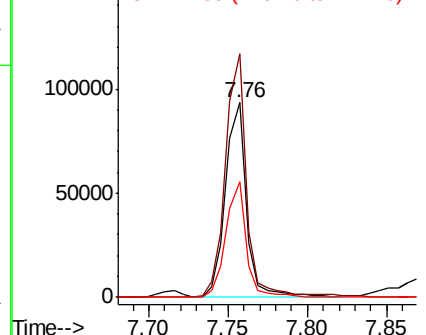
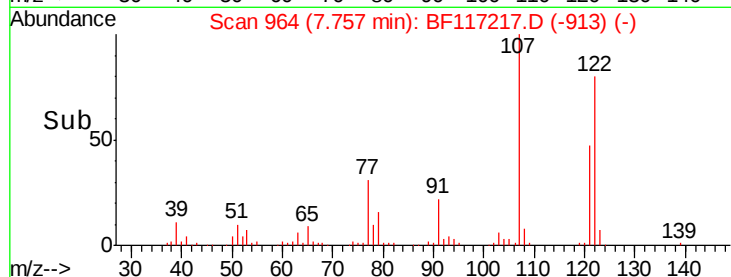


Abundance

Ion 122.00 (121.70 to 122.70): E

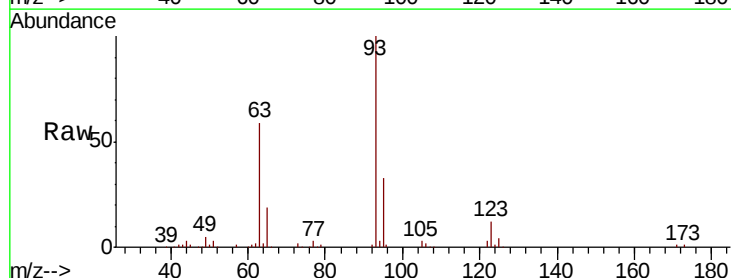
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.885 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.7	9.0	13.6

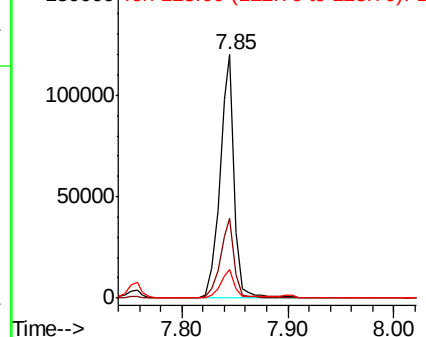
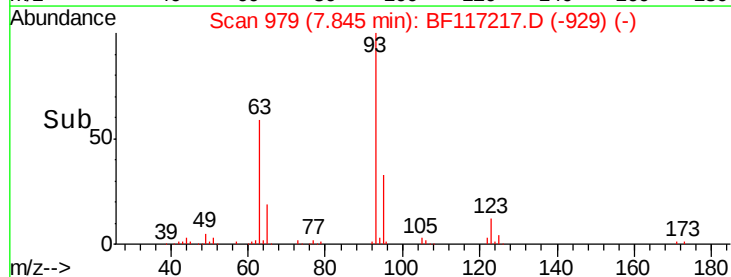


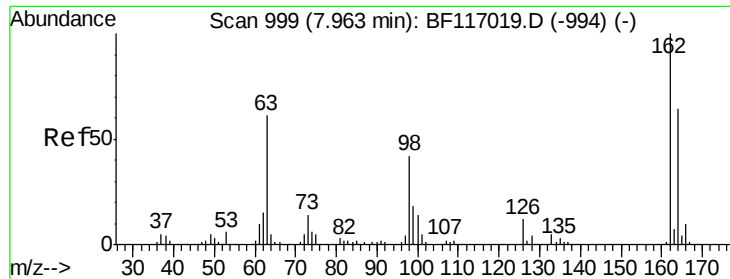
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

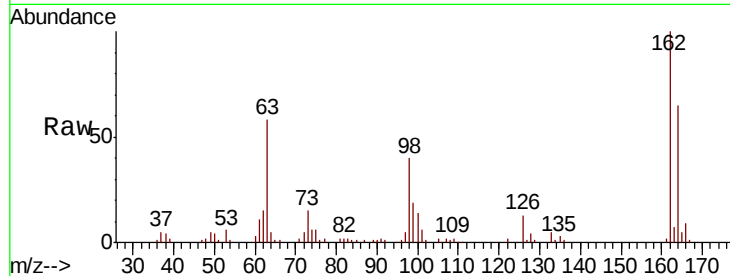




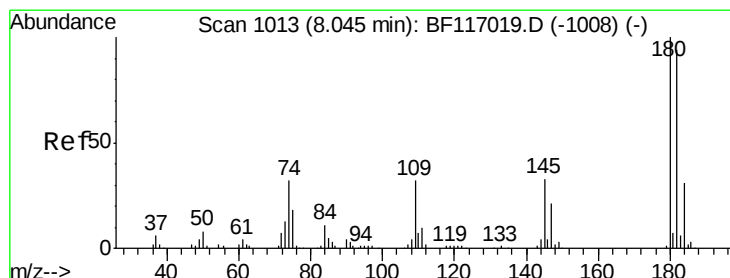
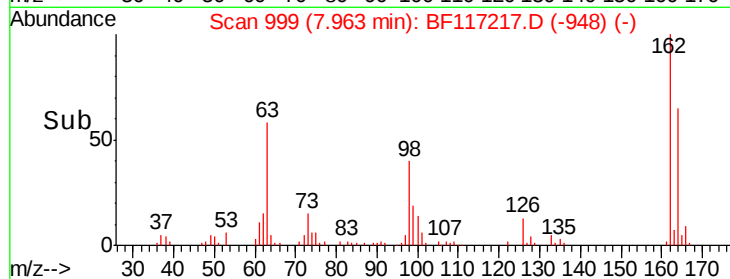
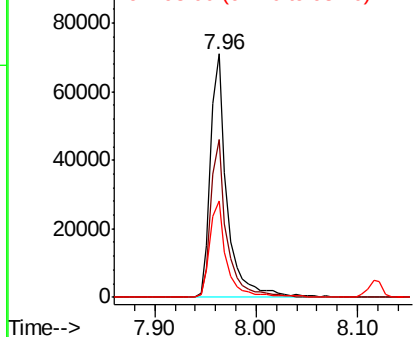
#29
 2,4-Dichlorophenol
 Concen: 45.195 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 80377
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.8 83.8
 98 39.6 22.1 62.1

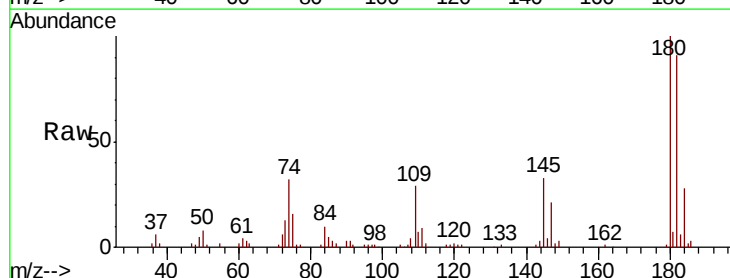


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

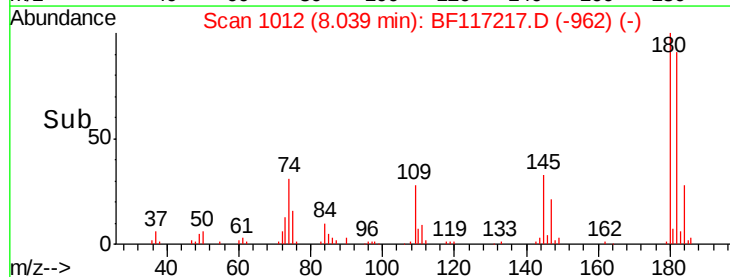
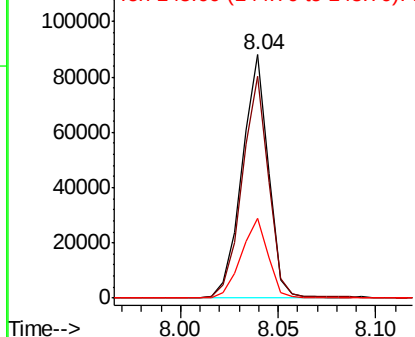


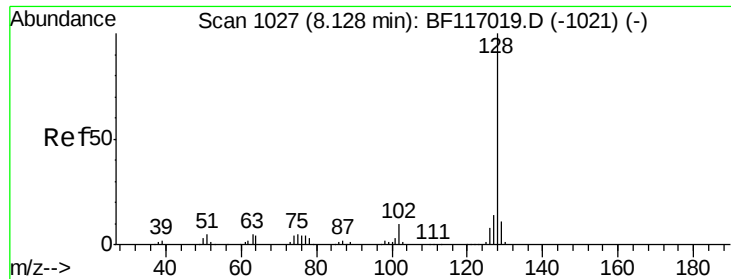
#30
 1,2,4-Trichlorobenzene
 Concen: 42.996 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:180 Resp: 82611
 Ion Ratio Lower Upper
 180 100
 182 91.2 75.4 113.0
 145 33.0 26.7 40.1



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

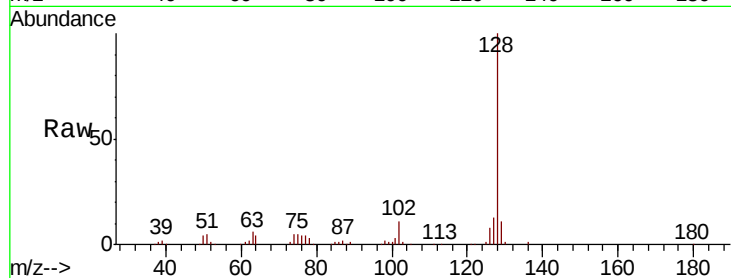




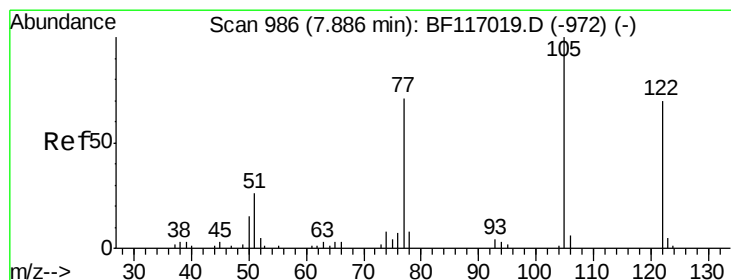
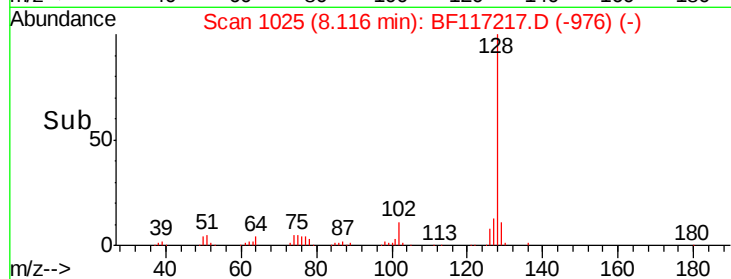
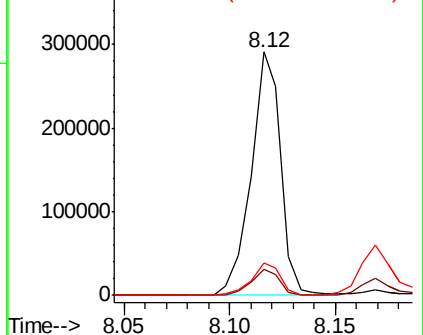
#31
Naphthalene
Concen: 44.492 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 283682
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.8 16.2

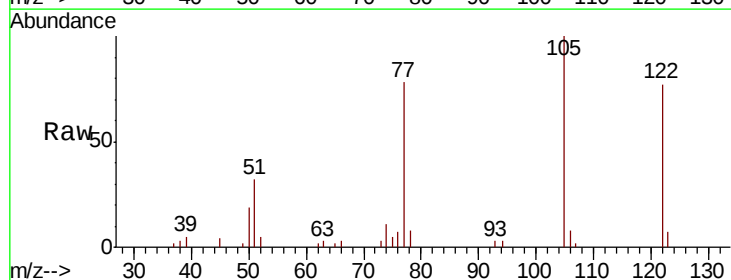


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

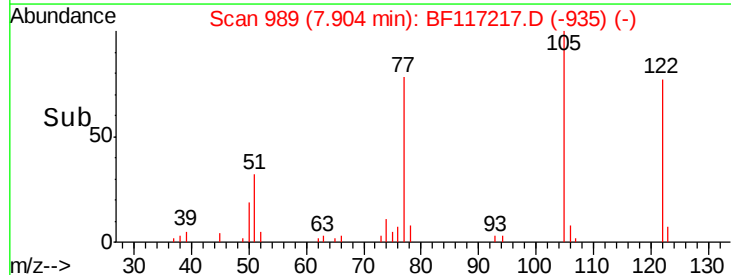
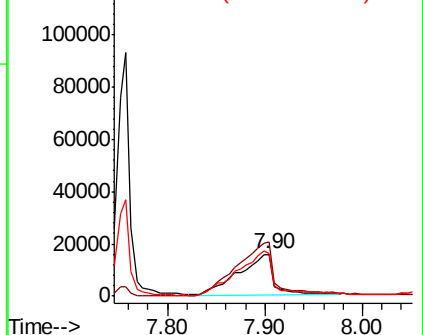


#32
Benzoic acid
Concen: 34.205 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:122 Resp: 41022
Ion Ratio Lower Upper
122 100
105 130.2 114.8 154.8
77 100.9 78.7 118.7



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

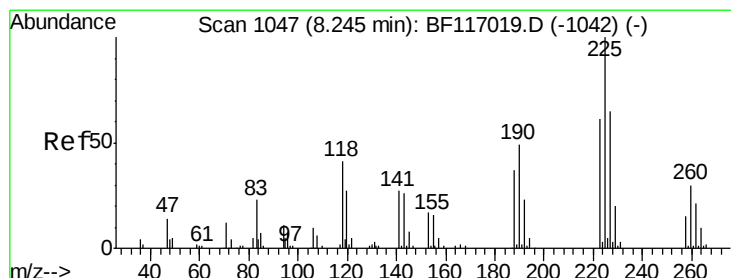
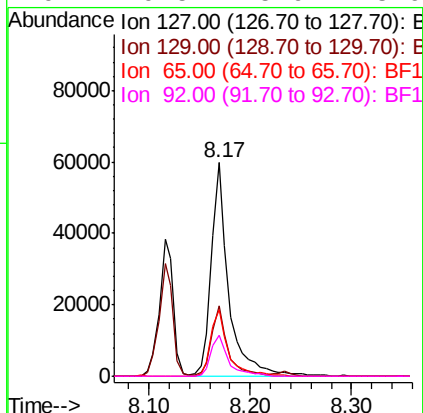
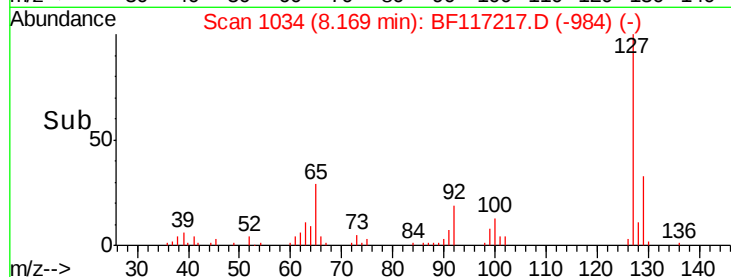
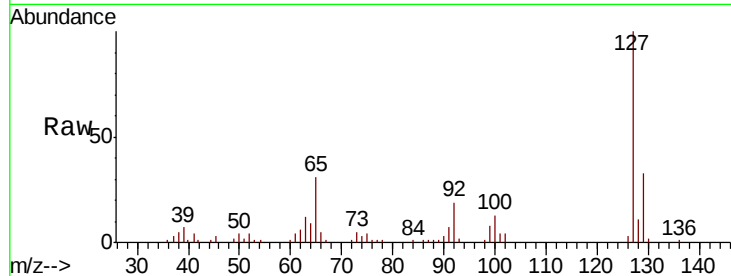




#33
4-Chloroaniline
Concen: 25.523 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

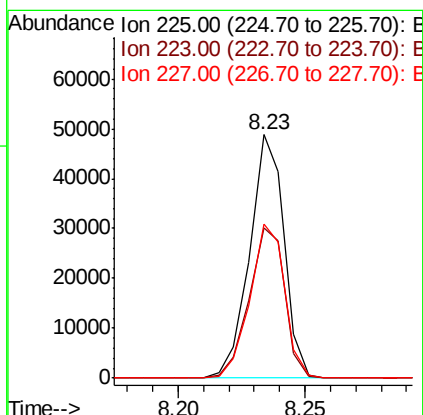
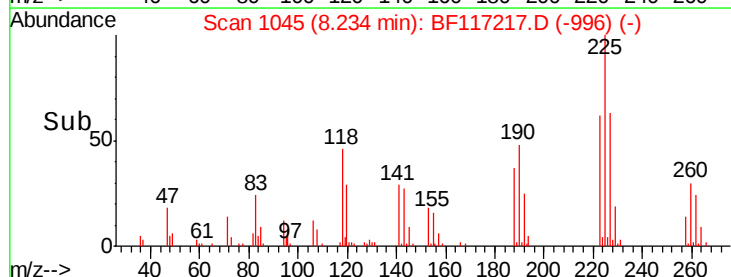
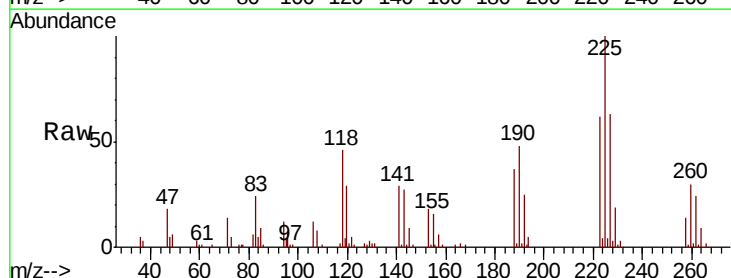
Instrument :
BNA_F
ClientSampleId :

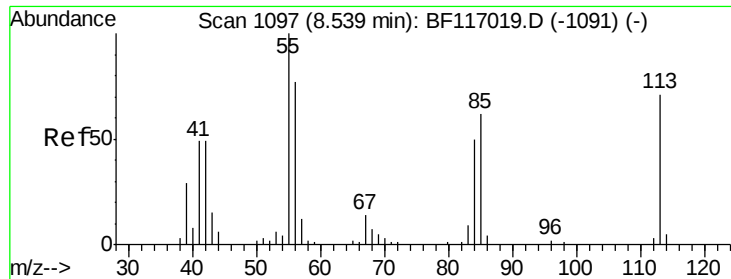
Tot Ion:127	Resp:	72178
Ion	Ratio	Lower Upper
127	100	
129	33.1	26.2 39.2
65	30.9	23.5 35.3
92	19.5	15.9 23.9



#34
Hexachlorobutadiene
Concen: 42.206 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:225	Resp:	46008
Ion	Ratio	Lower Upper
225	100	
223	61.6	49.1 73.7
227	63.5	52.2 78.2

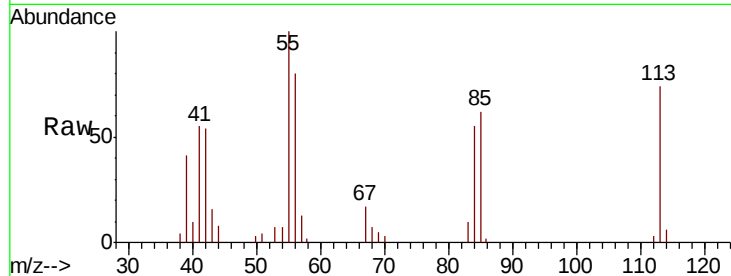




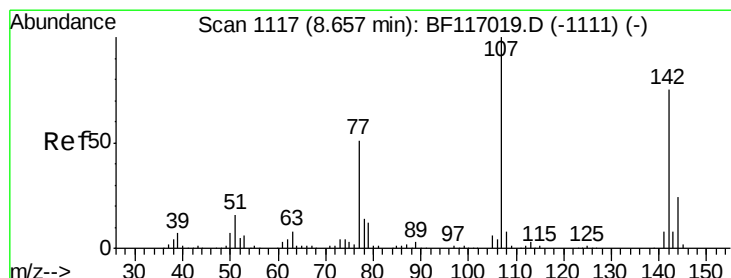
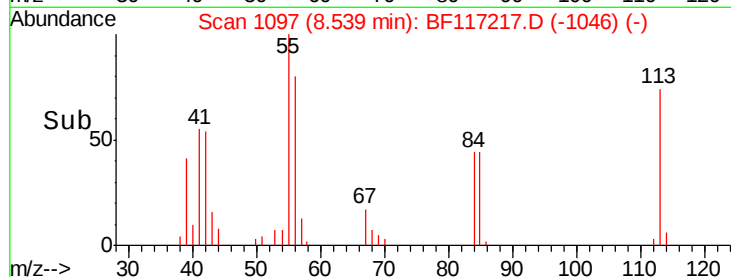
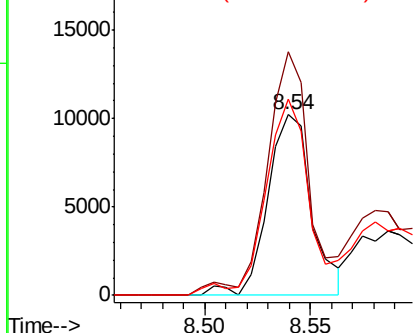
#35
Caprolactam
Concen: 24.540 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 14772
Ion Ratio Lower Upper
113 100
55 134.7 120.6 160.6
56 108.4 88.8 128.8

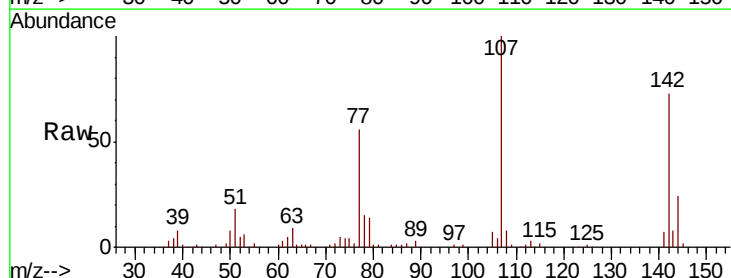


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

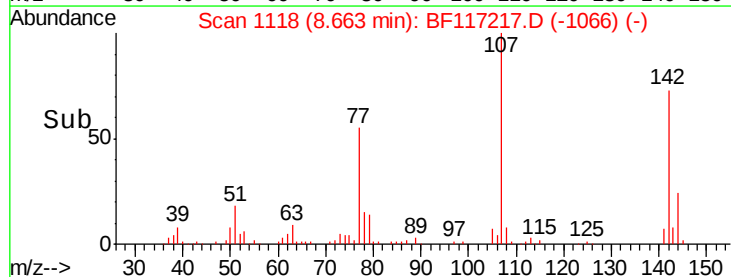
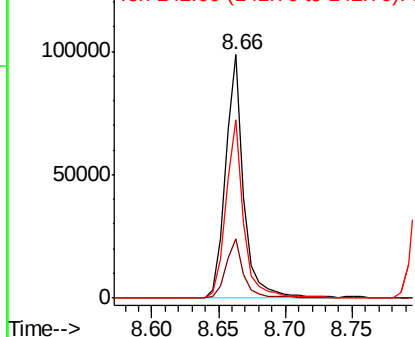


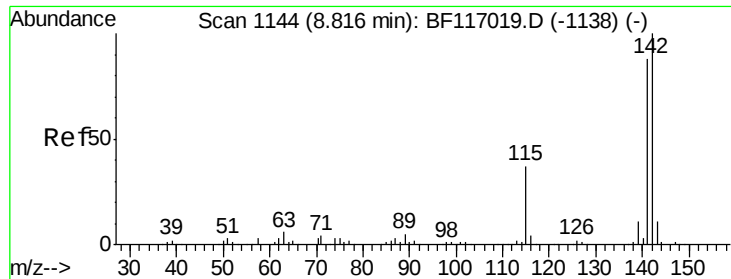
#36
4-Chloro-3-methylphenol
Concen: 45.810 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:107 Resp: 94996
Ion Ratio Lower Upper
107 100
144 24.4 19.2 28.8
142 73.3 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

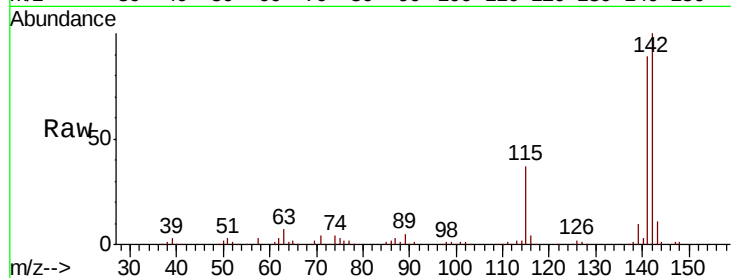




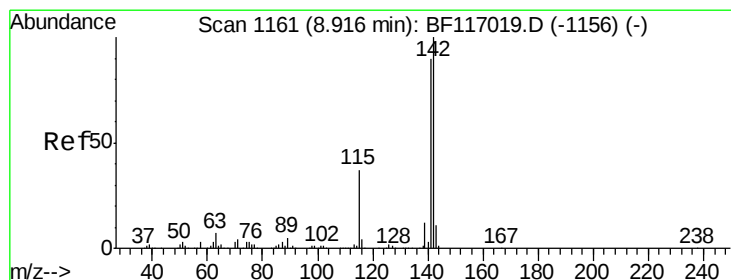
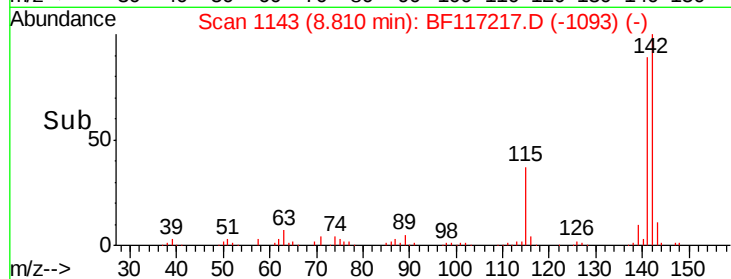
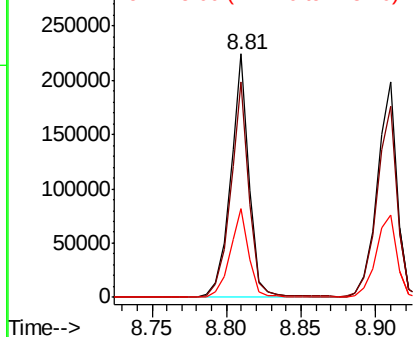
#37
 2-Methylnaphthalene
 Concen: 45.706 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 196244
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.7 106.1
 115 36.7 29.4 44.0

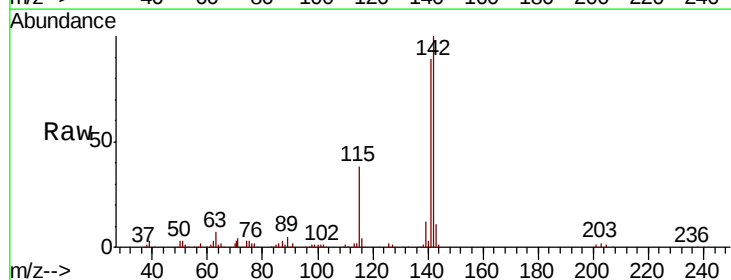


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

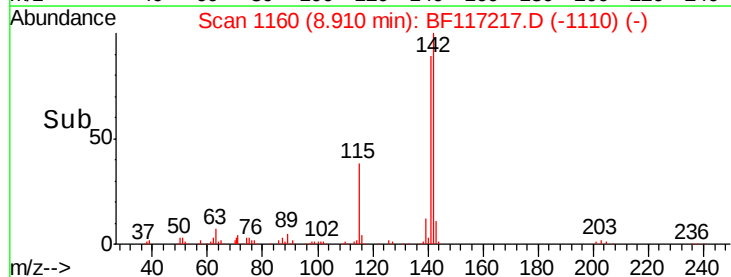
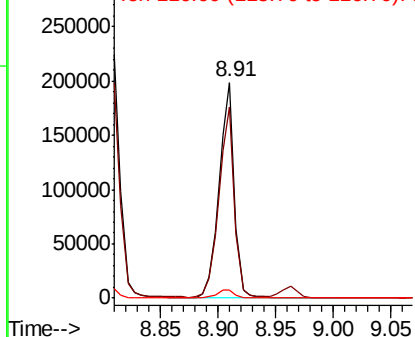


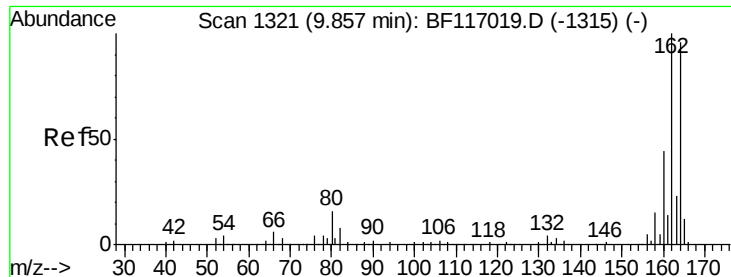
#38
 1-Methylnaphthalene
 Concen: 45.623 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:142 Resp: 183463
 Ion Ratio Lower Upper
 142 100
 141 88.9 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

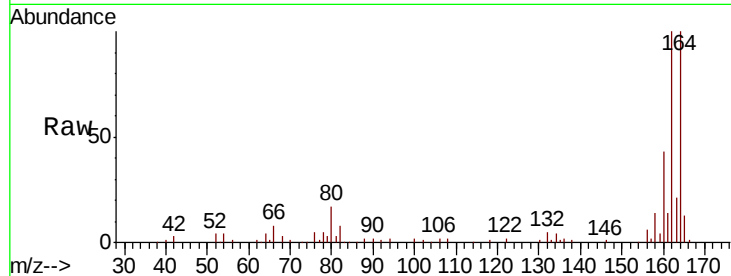




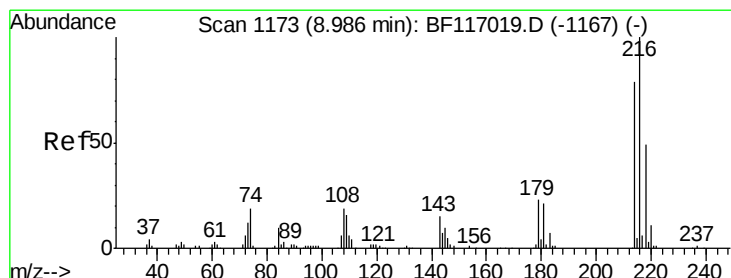
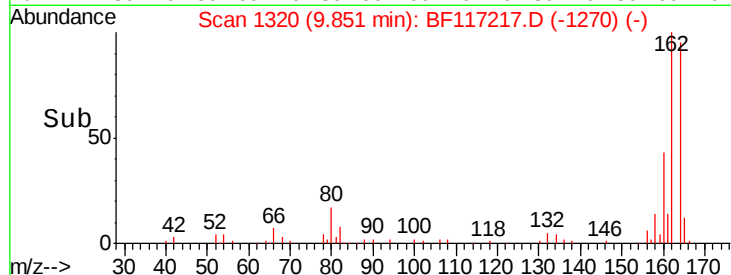
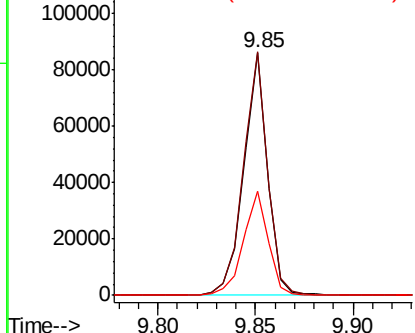
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 72593
 Ion Ratio Lower Upper
 164 100
 162 100.3 83.4 125.2
 160 42.7 36.4 54.6

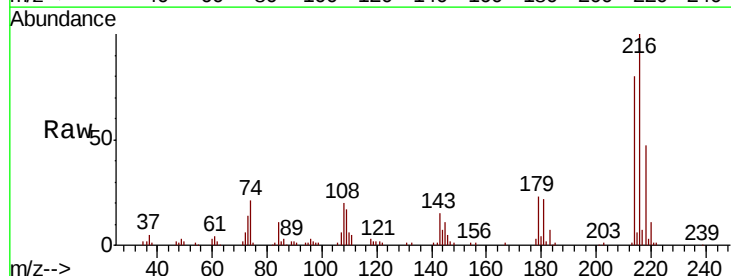


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

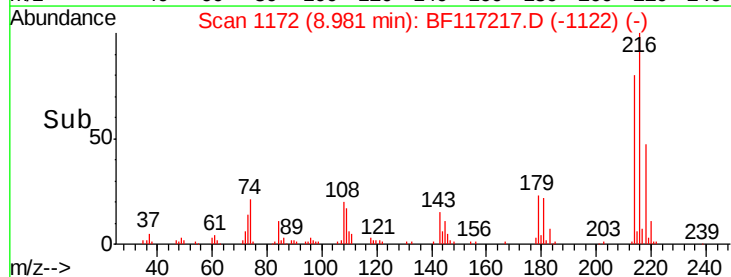
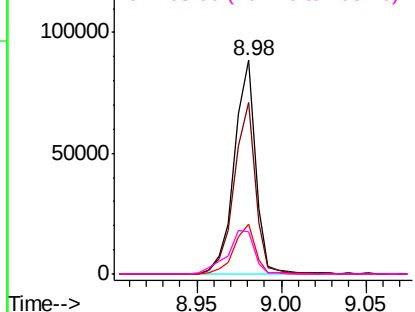


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.336 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:216 Resp: 77486
 Ion Ratio Lower Upper
 216 100
 214 80.7 63.6 95.4
 179 23.3 18.3 27.5
 108 25.9 17.8 26.6



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





#41

Hexachlorocyclopentadiene

Concen: 77.426 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampled :

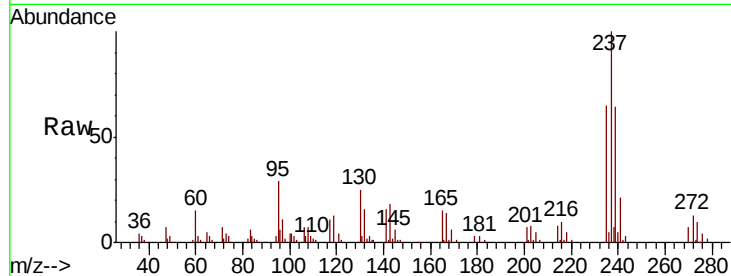
Tot Ion:237 Resp: 63923

Ion Ratio Lower Upper

237 100

235 64.7 43.2 83.2

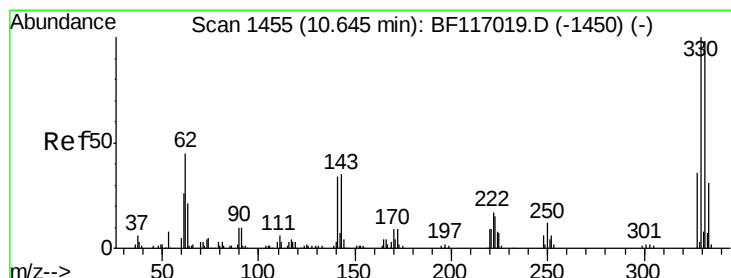
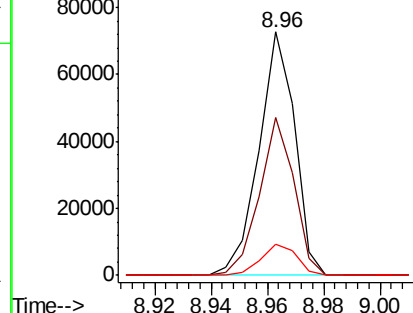
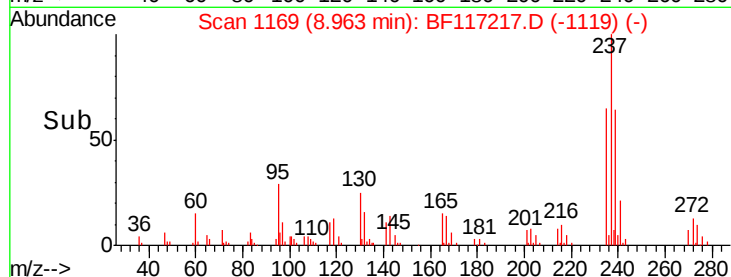
272 13.0 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 121.753 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

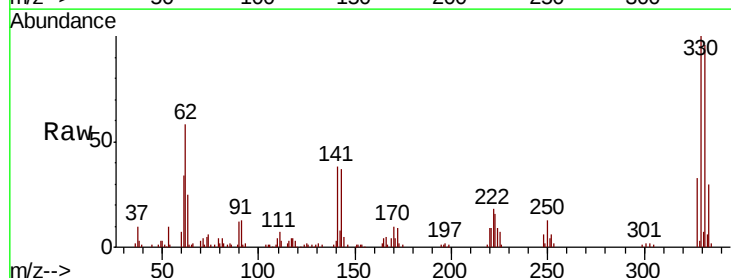
Tgt Ion:330 Resp: 73869

Ion Ratio Lower Upper

330 100

332 94.6 78.0 117.0

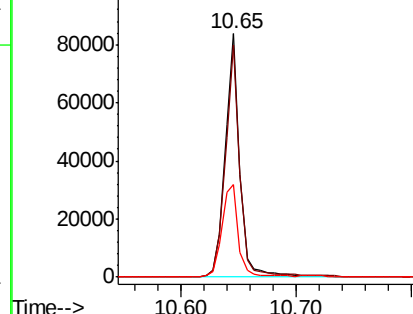
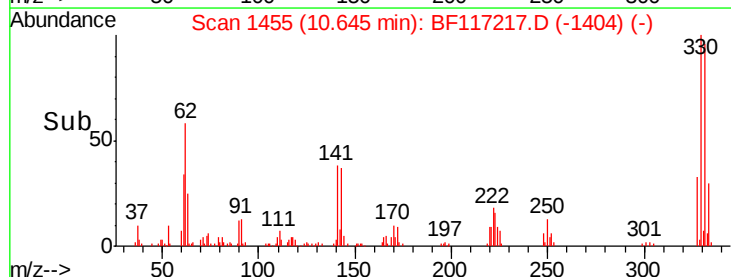
141 43.1 35.8 53.6



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

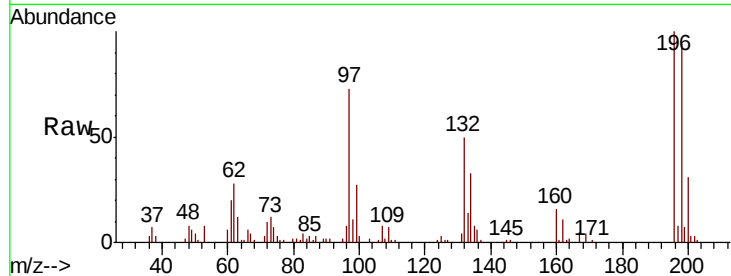




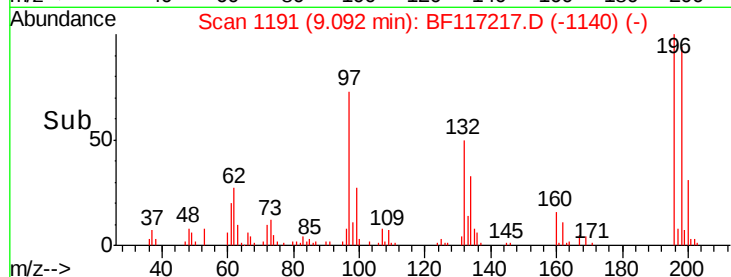
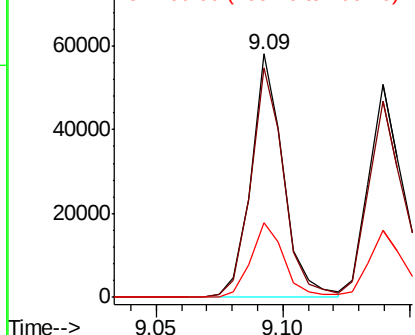
#43
 2,4,6-Trichlorophenol
 Concen: 40.322 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 51294
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.7 23.3 34.9

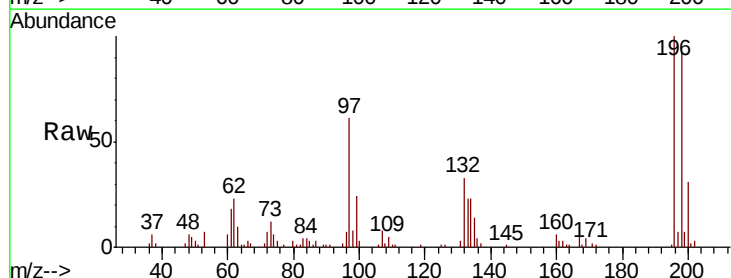


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

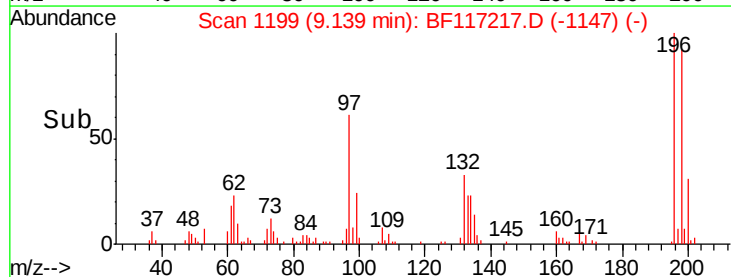
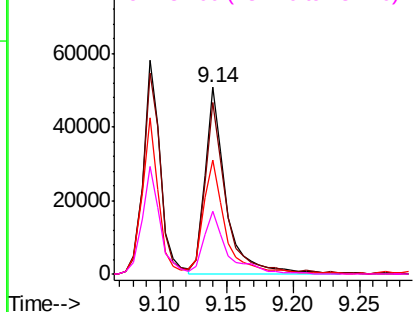


#44
 2,4,5-Trichlorophenol
 Concen: 41.120 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:196 Resp: 55888
 Ion Ratio Lower Upper
 196 100
 198 92.1 74.6 112.0
 97 61.0 49.5 74.3
 132 33.4 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

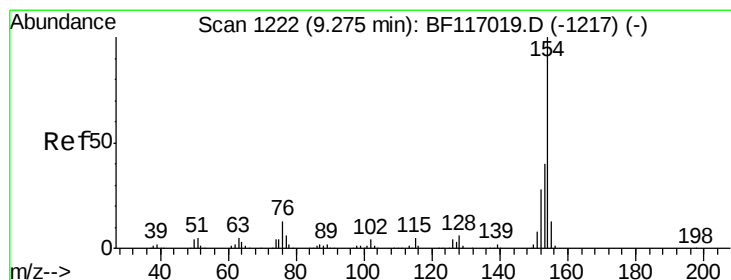
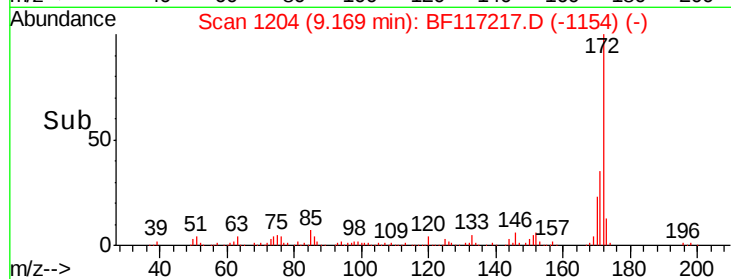
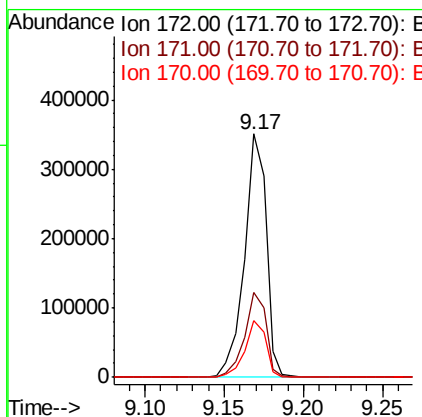
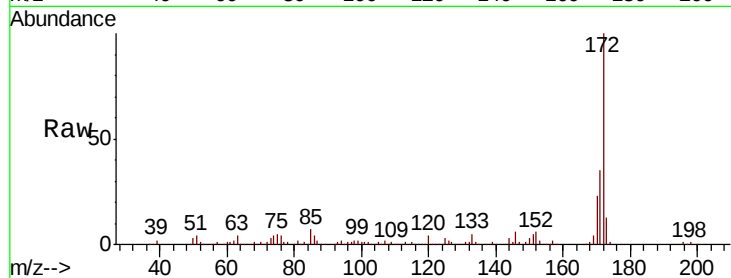




#45
2-Fluorobiphenyl
Concen: 71.921 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

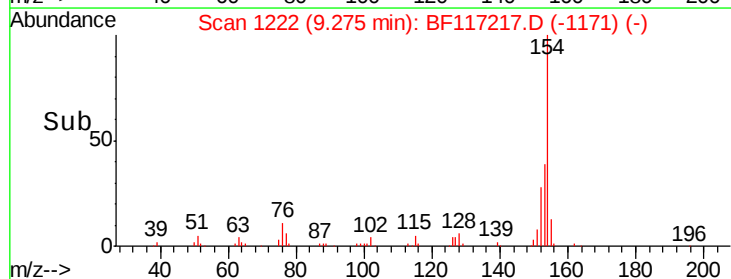
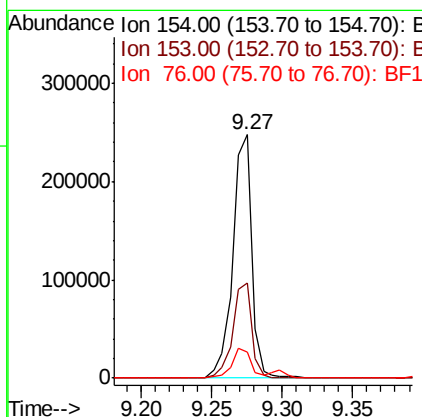
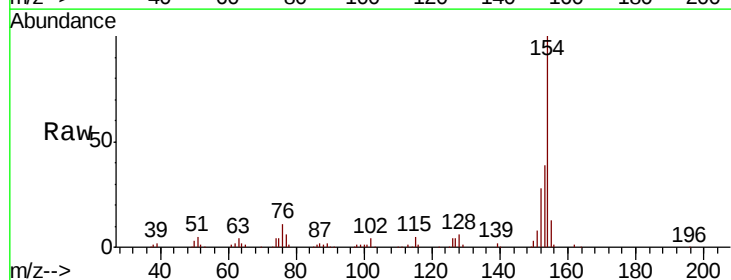
Instrument :
BNA_F
ClientSampleId :

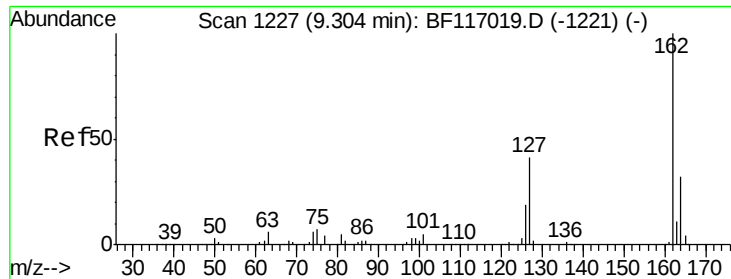
Tot Ion:172 Resp: 333911
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.817 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:154 Resp: 232422
Ion Ratio Lower Upper
154 100
153 39.0 20.0 60.0
76 10.6 0.0 32.7

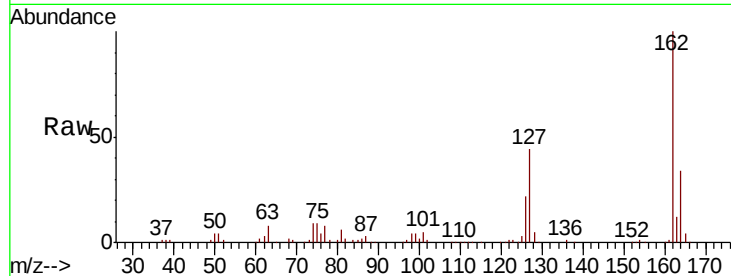




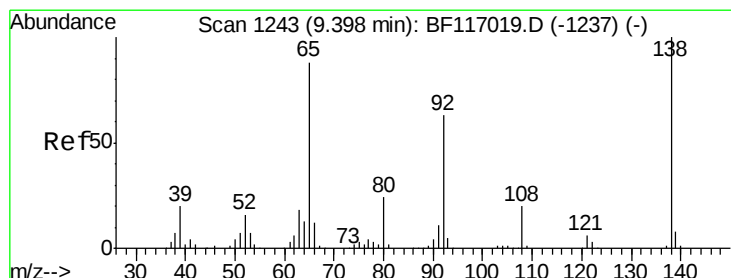
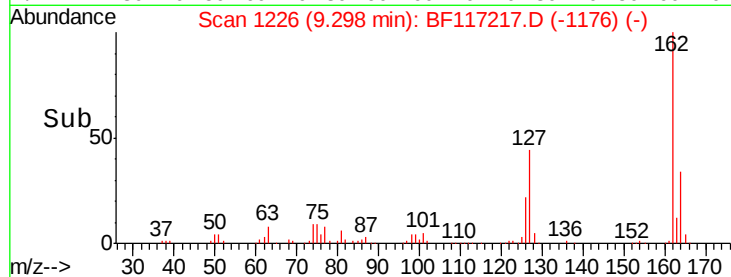
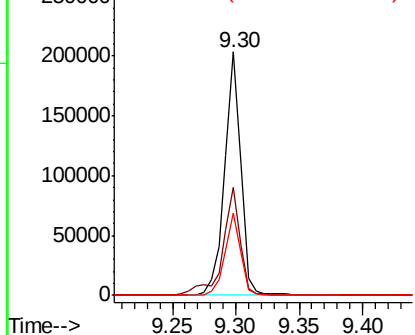
#47
 2-Chloronaphthalene
 Concen: 40.184 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.2	34.1	51.1
164	33.8	25.9	38.9

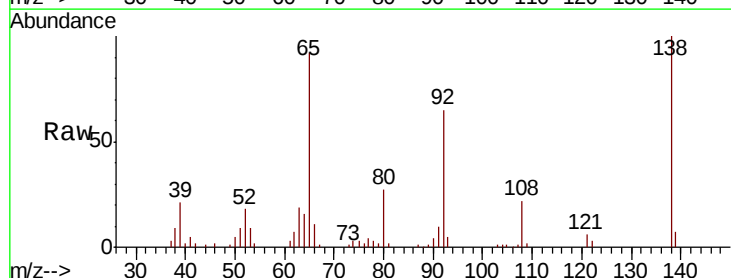


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

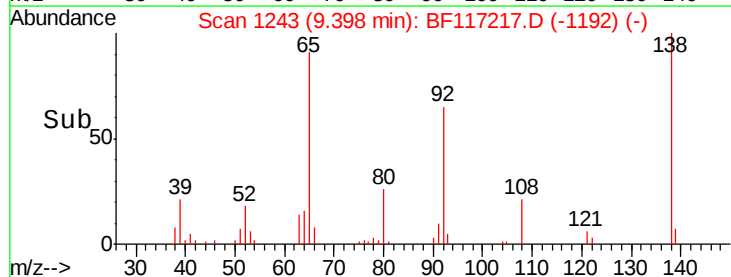
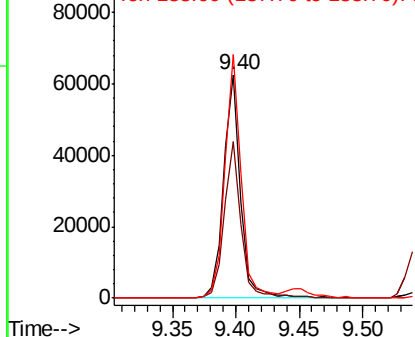


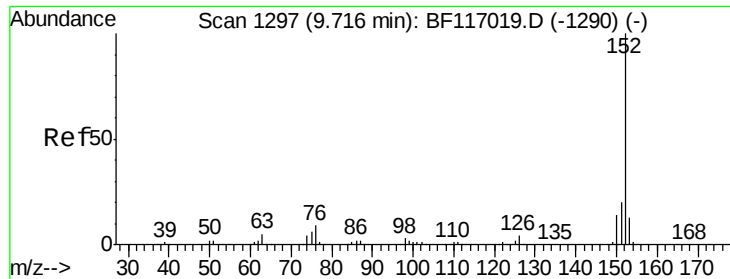
#48
 2-Nitroaniline
 Concen: 40.347 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.5	86.3
138	109.1	90.6	136.0



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





#49

Acenaphthylene

Concen: 42.758 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

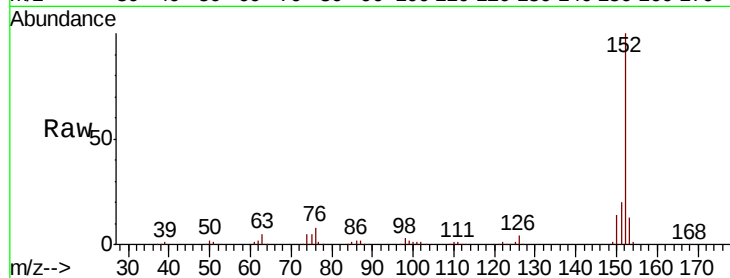
Tot Ion:152 Resp: 287855

Ion Ratio Lower Upper

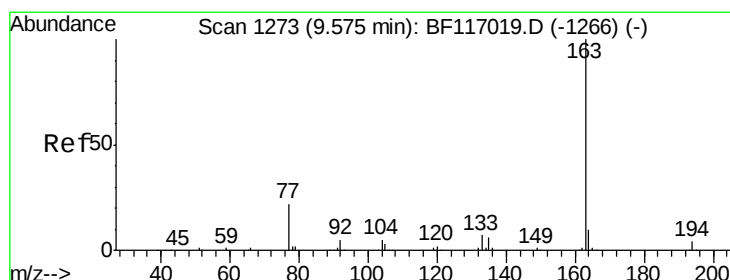
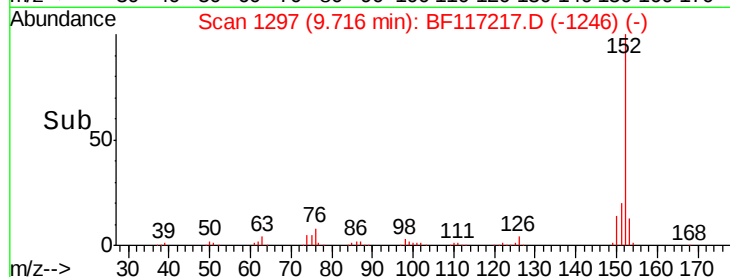
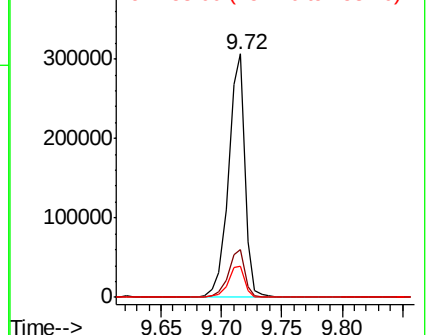
152 100

151 19.6 16.2 24.2

153 12.5 10.2 15.4



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



#50

Dimethylphthalate

Concen: 41.332 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

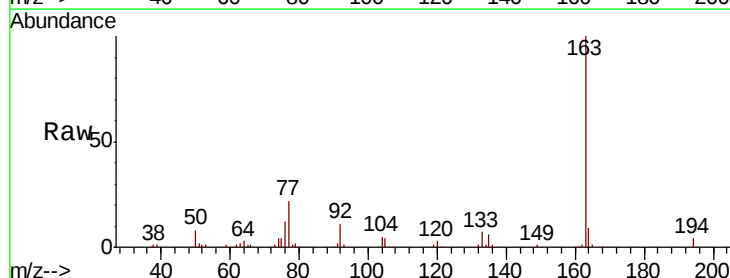
Tgt Ion:163 Resp: 212446

Ion Ratio Lower Upper

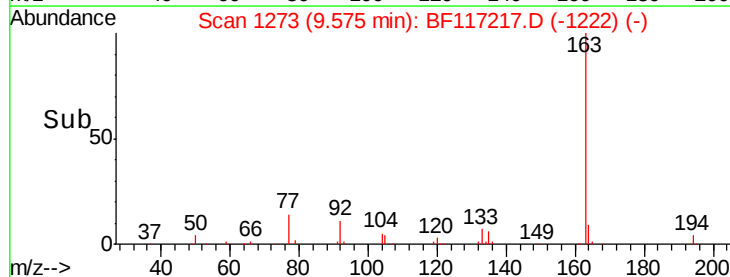
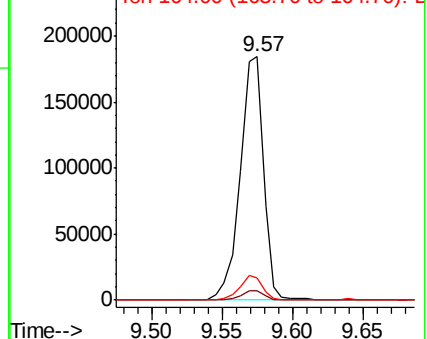
163 100

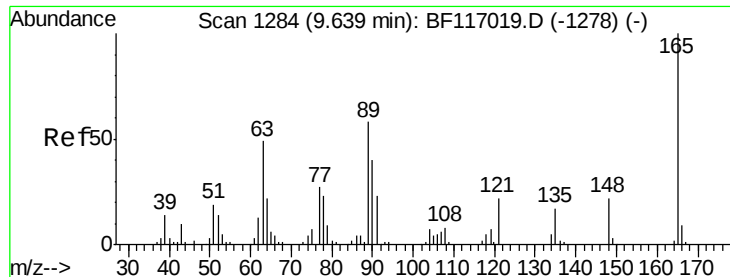
194 3.7 2.9 4.3

164 9.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

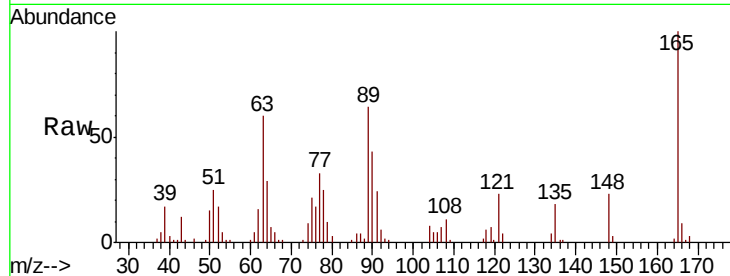




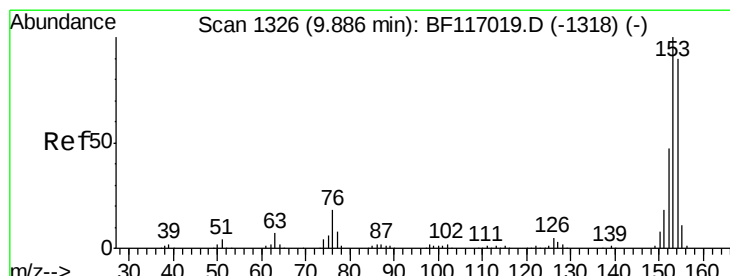
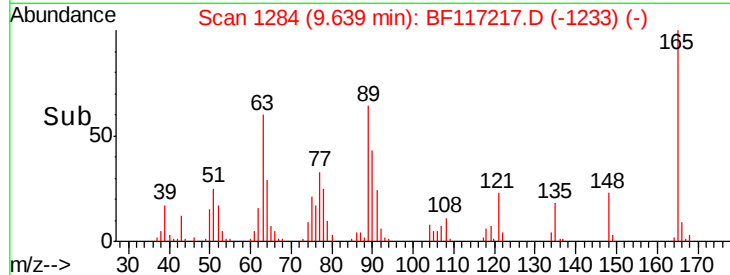
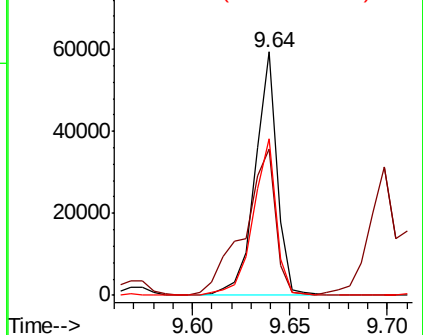
#51
 2,6-Dinitrotoluene
 Concen: 44.335 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 46412
 Ion Ratio Lower Upper
 165 100
 63 60.0 41.8 62.8
 89 64.2 46.5 69.7

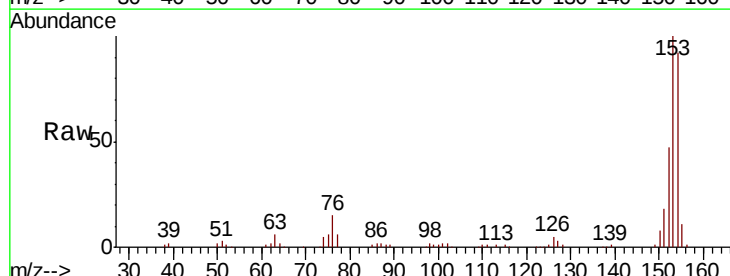


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

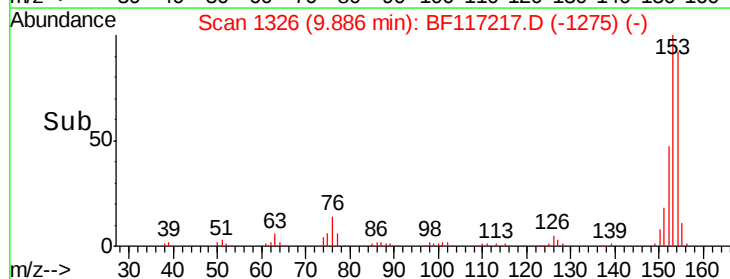
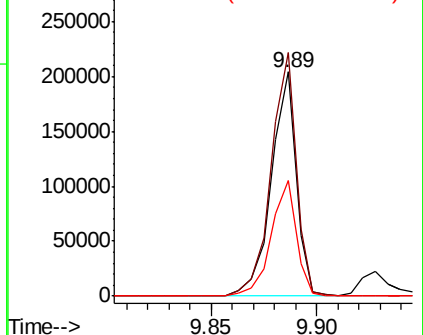


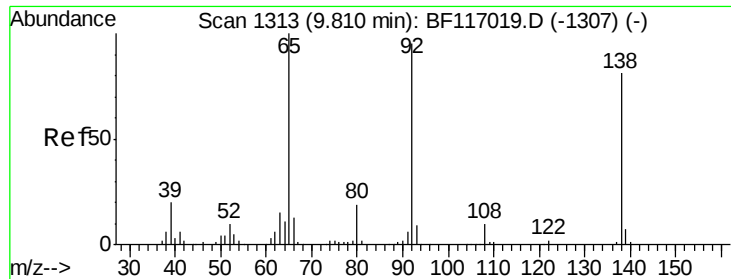
#52
 Acenaphthene
 Concen: 42.248 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:154 Resp: 168602
 Ion Ratio Lower Upper
 154 100
 153 108.6 89.0 133.6
 152 51.5 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

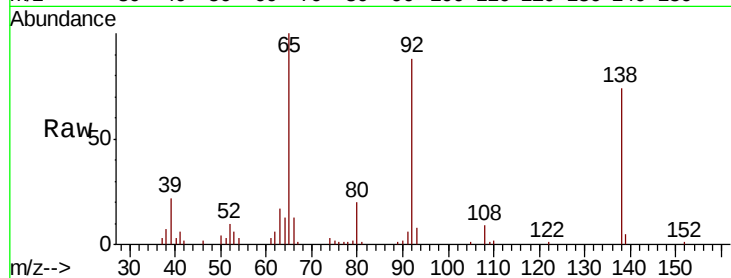




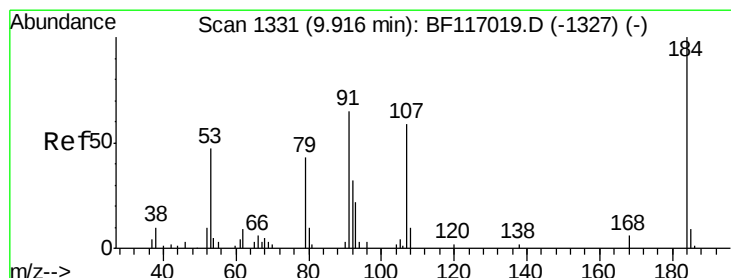
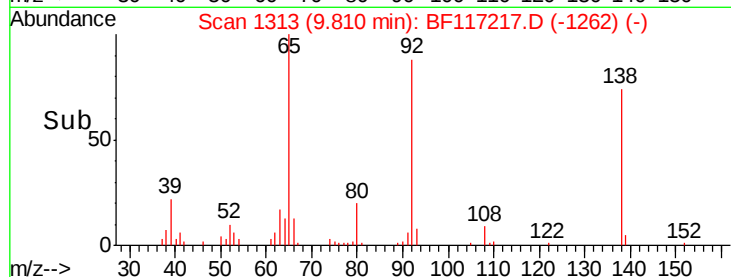
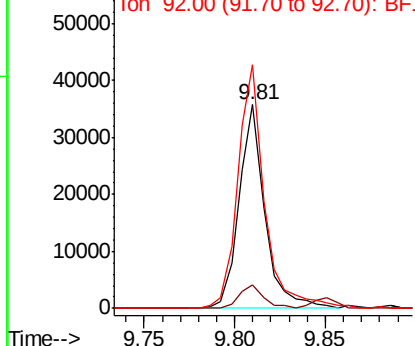
#53
 3-Nitroaniline
 Concen: 26.862 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 35479
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.5 14.3
 92 119.6 94.1 141.1

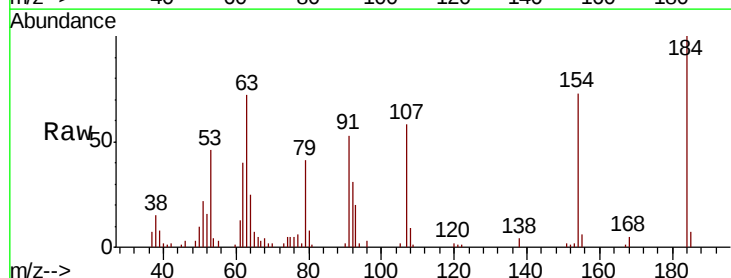


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

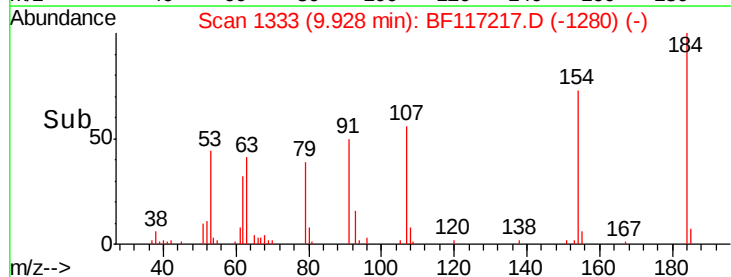
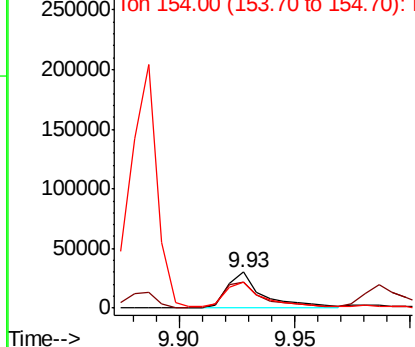


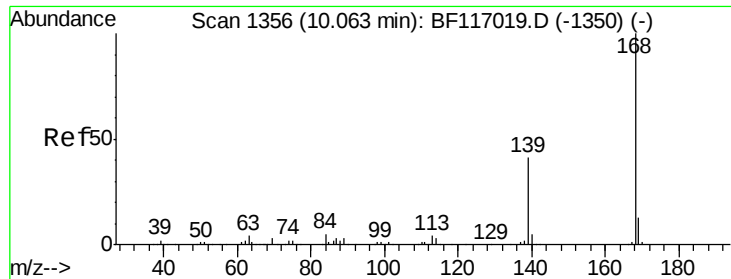
#54
 2,4-Dinitrophenol
 Concen: 72.769 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:184 Resp: 32470
 Ion Ratio Lower Upper
 184 100
 63 71.8 63.8 95.6
 154 72.7 60.4 90.6



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





#55

Dibenzenofuran

Concen: 43.417 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

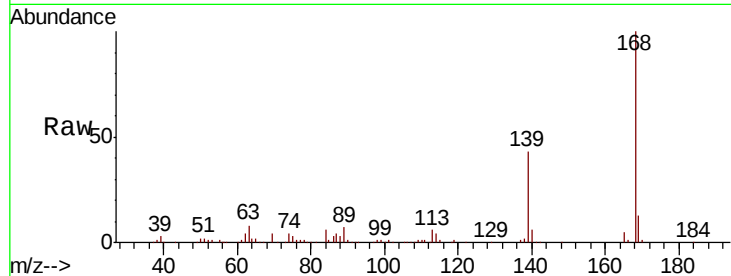
Tot Ion:168 Resp: 255639

Ion Ratio Lower Upper

168 100

139 43.0 32.8 49.2

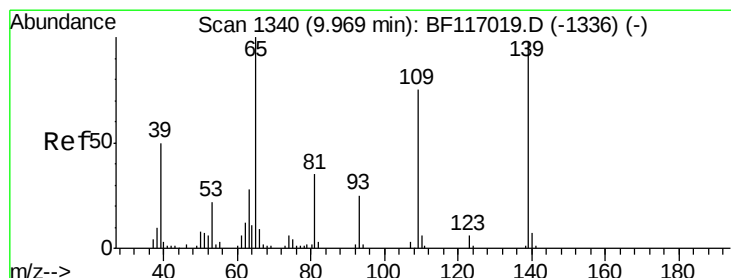
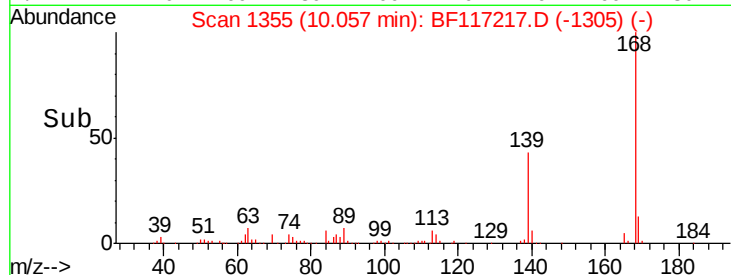
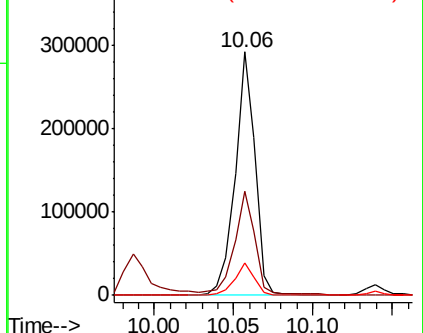
169 13.1 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.787 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

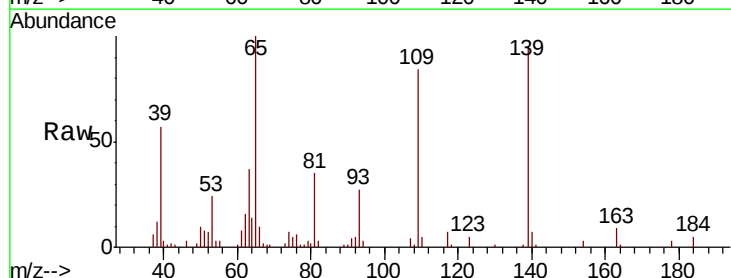
Tgt Ion:139 Resp: 56315

Ion Ratio Lower Upper

139 100

109 88.6 56.4 96.4

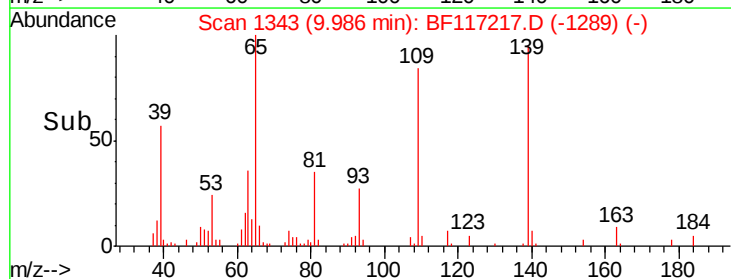
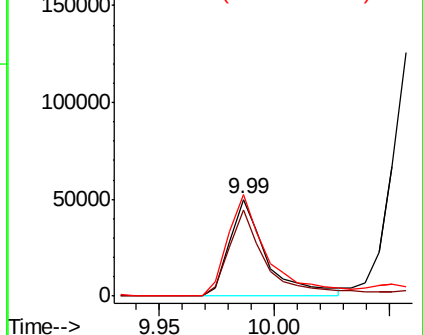
65 105.0 82.5 122.5

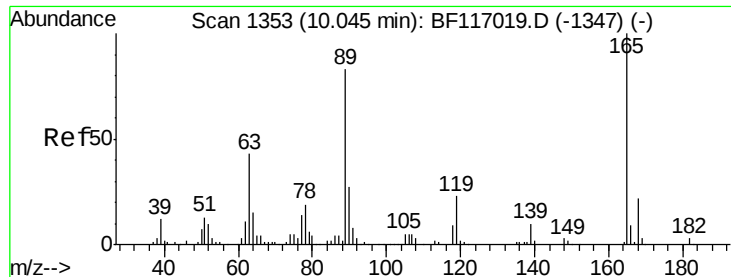


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 46.361 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 62998

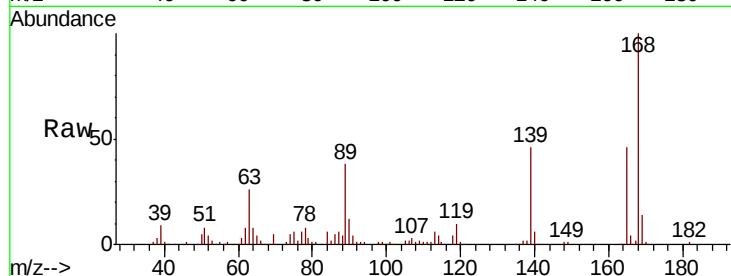
Ion Ratio Lower Upper

165 100

63 55.1 35.0 52.4#

89 81.1 66.1 99.1

182 2.2 2.0 3.0

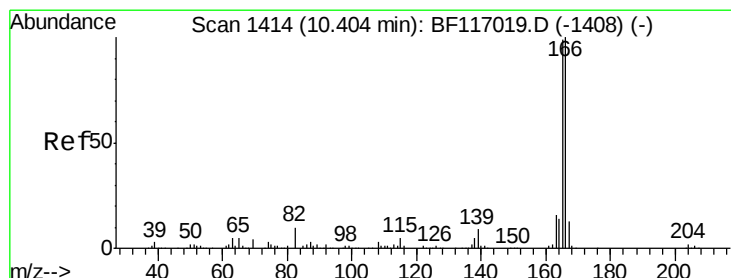
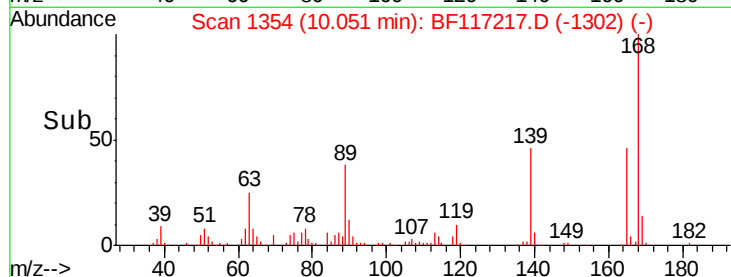
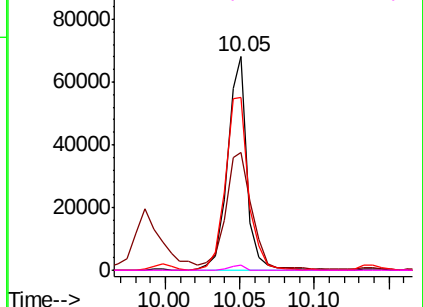


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.975 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

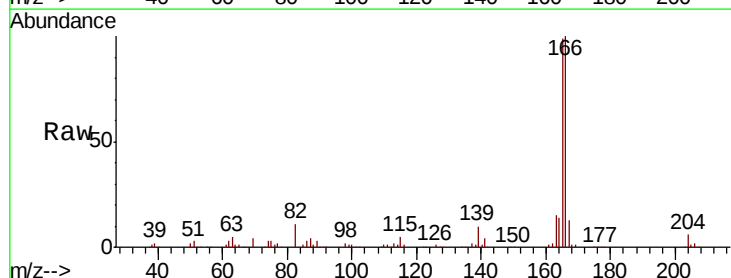
Tgt Ion:166 Resp: 213316

Ion Ratio Lower Upper

166 100

165 99.4 78.9 118.3

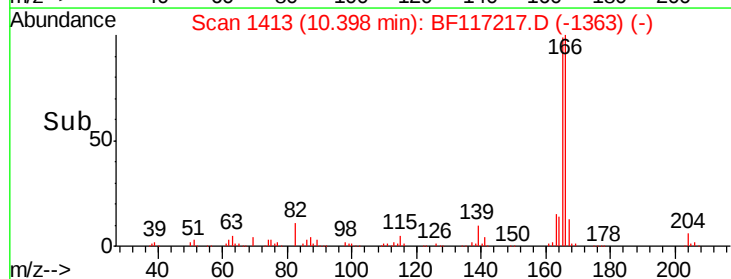
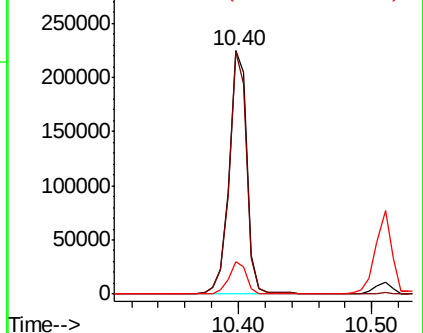
167 13.3 10.6 15.8

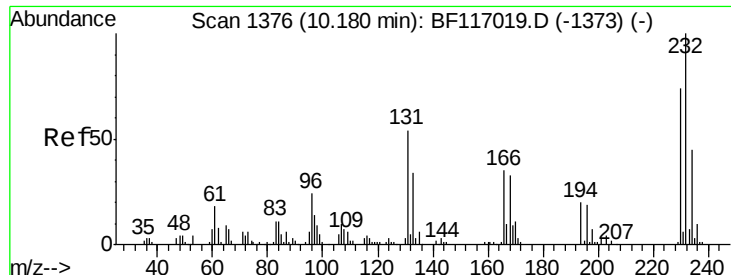


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

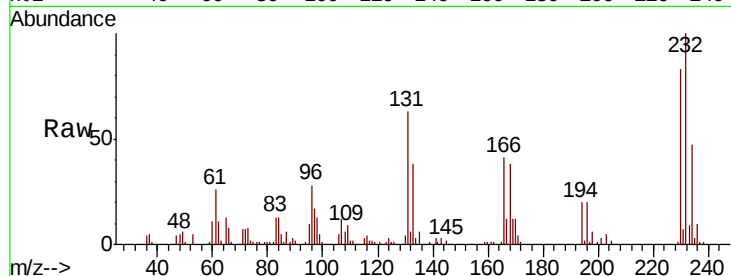




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.347 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	59.5	45.3	67.9
130	2.6	1.8	2.8
166	37.9	29.4	44.2



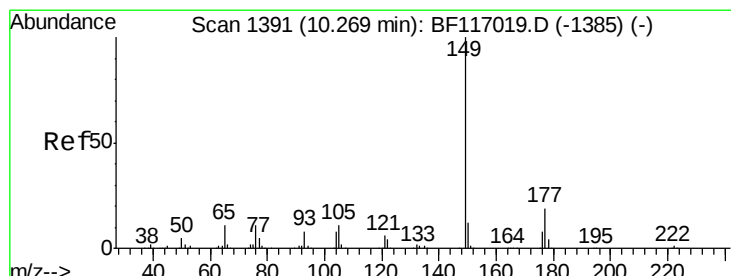
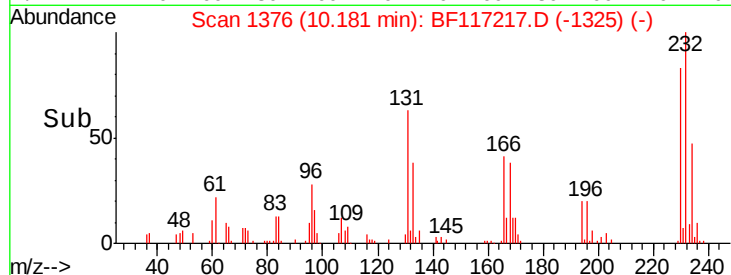
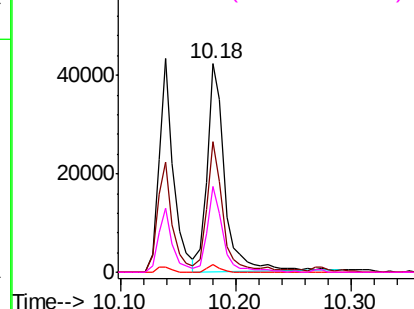
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

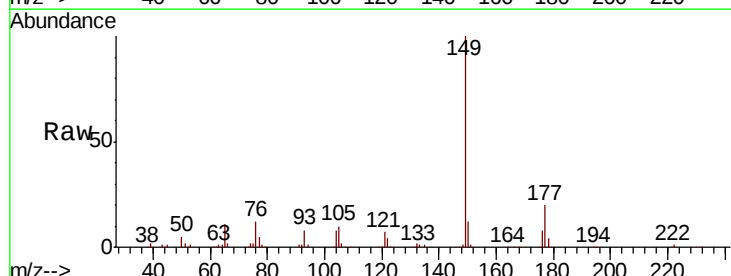
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.846 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.2	22.8
150	12.4	9.9	14.9

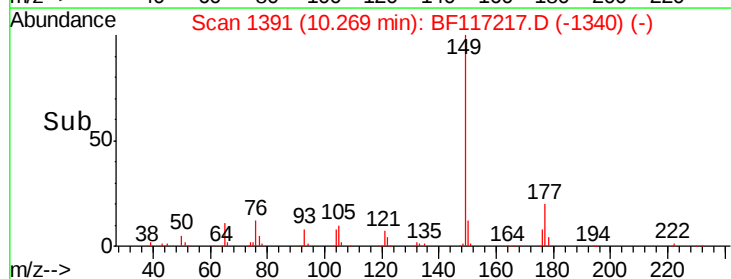
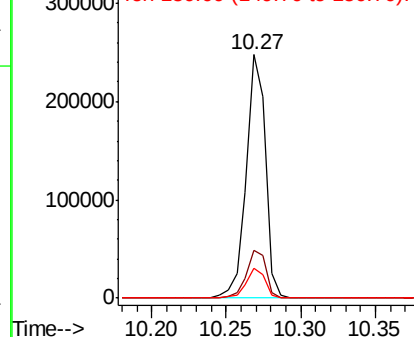


Abundance

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

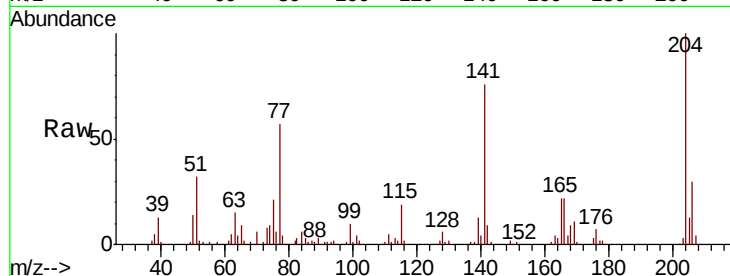




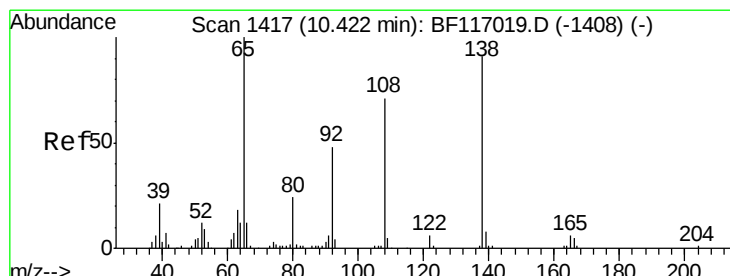
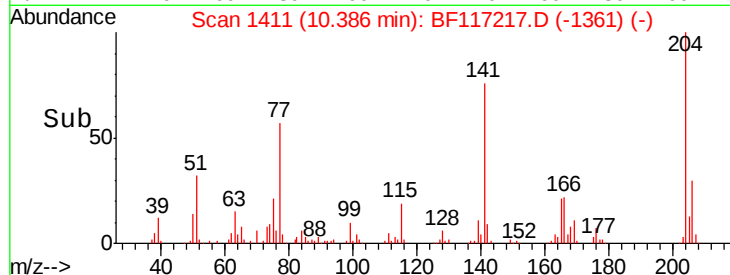
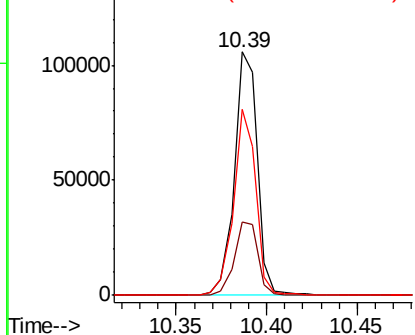
#61
4-Chlorophenyl-phenylether
Concen: 45.607 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 93591
Ion Ratio Lower Upper
204 100
206 30.2 26.0 39.0
141 76.2 58.2 87.2

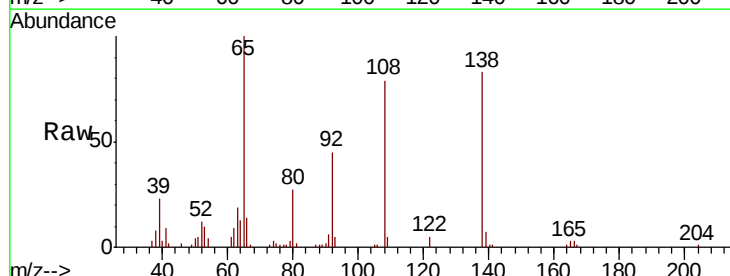


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

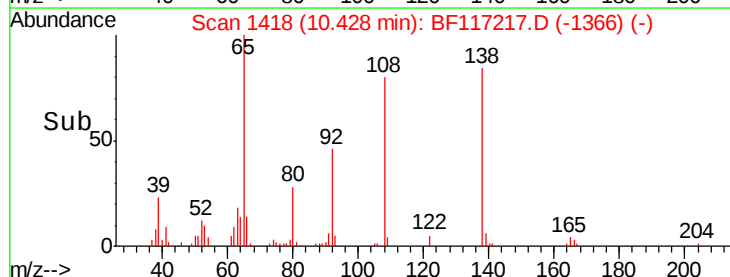
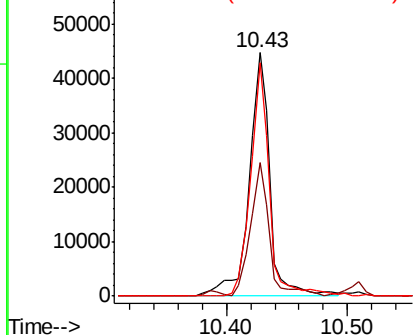


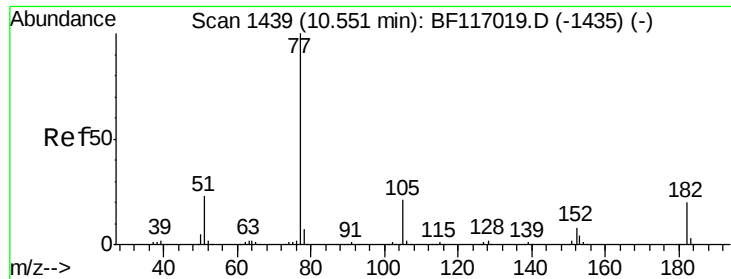
#62
4-Nitroaniline
Concen: 38.795 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:138 Resp: 53287
Ion Ratio Lower Upper
138 100
92 54.7 32.9 72.9
108 95.7 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

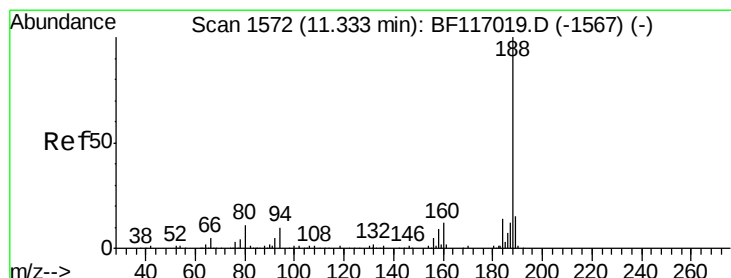
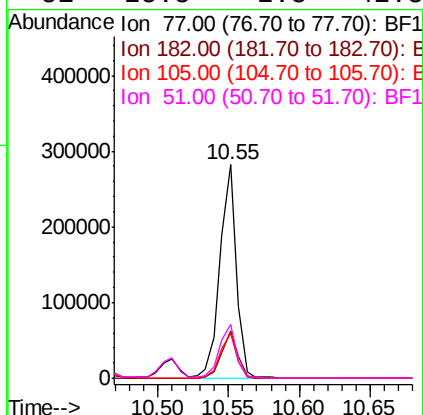
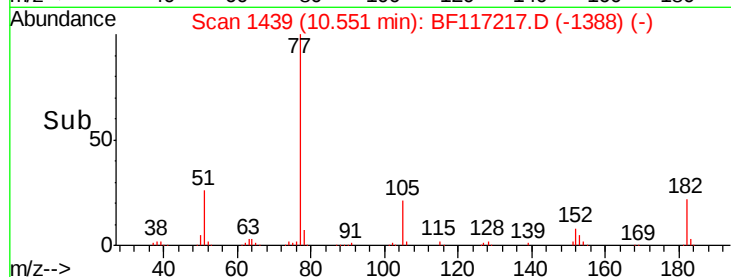
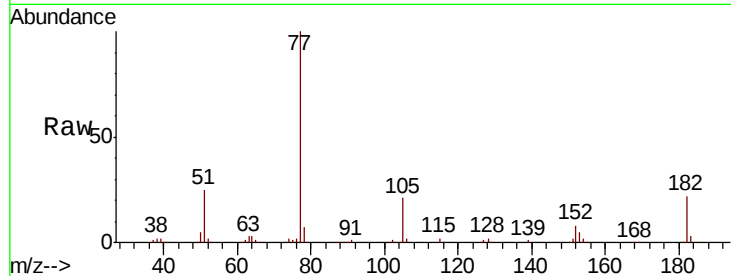




#63
Azobenzene
Concen: 44.223 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

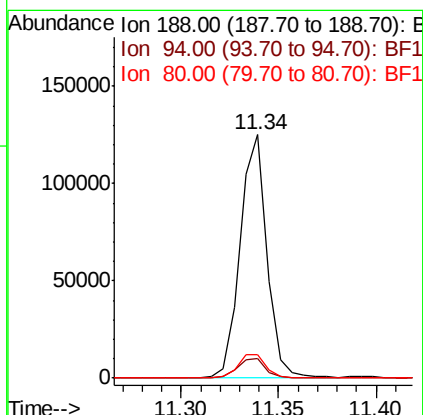
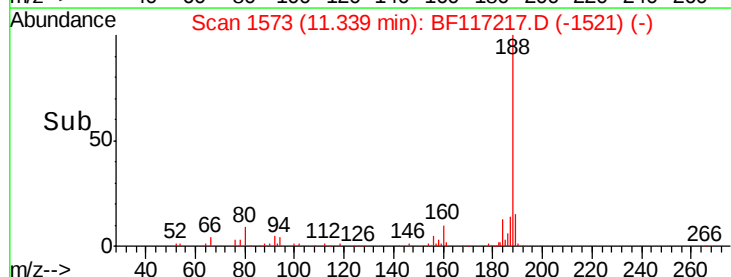
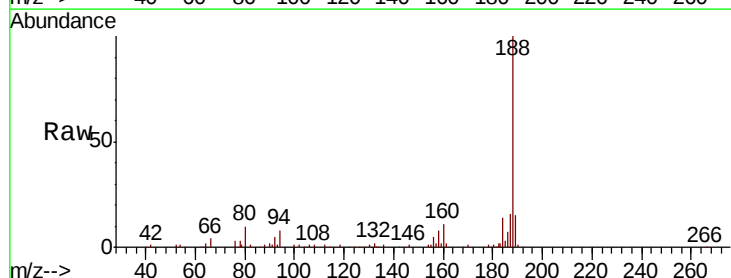
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	228397
Ion	Ratio	Lower	Upper
77	100		
182	22.4	0.4	40.4
105	20.9	0.9	40.9
51	25.5	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:	188	Resp:	119133
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	9.5	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 47.275 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampled :

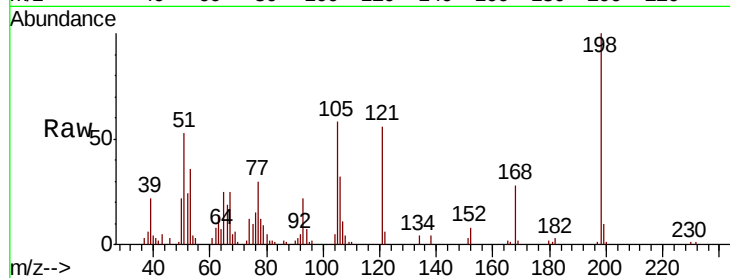
Tot Ion:198 Resp: 25596

Ion Ratio Lower Upper

198 100

51 53.0 18.7 58.7

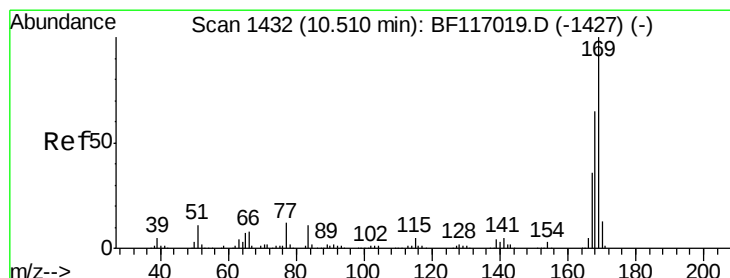
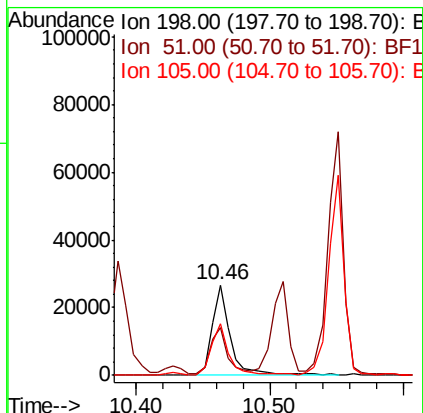
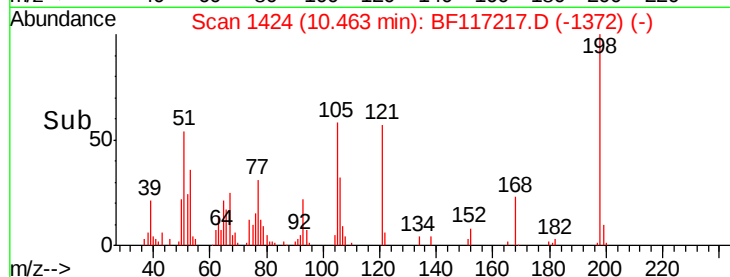
105 57.8 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.061 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

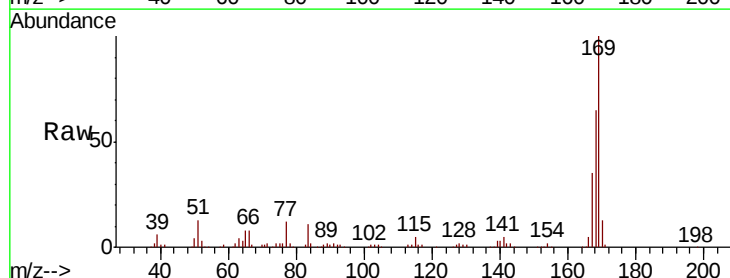
Tgt Ion:169 Resp: 181282

Ion Ratio Lower Upper

169 100

168 65.0 52.2 78.2

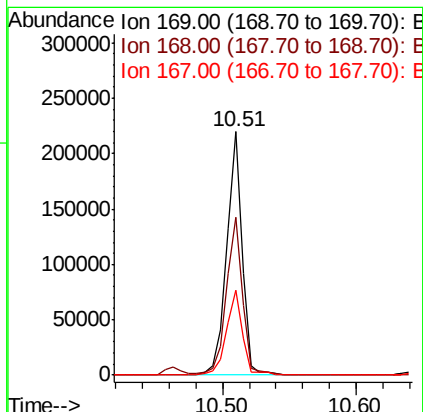
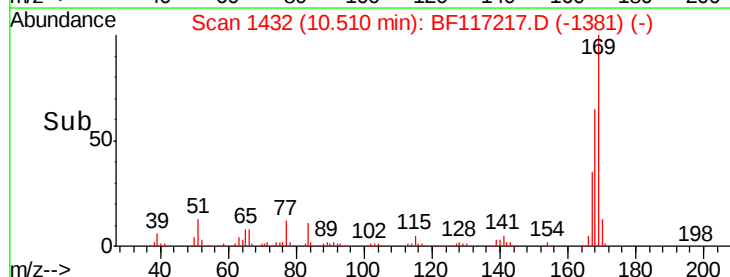
167 35.0 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

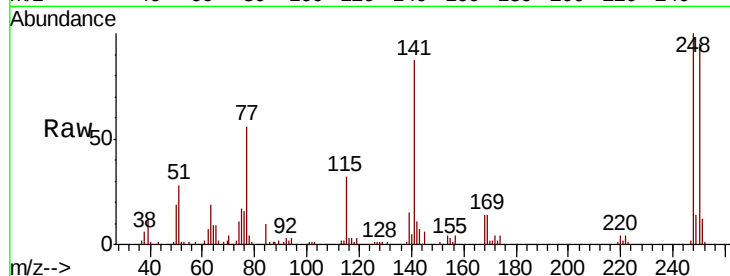




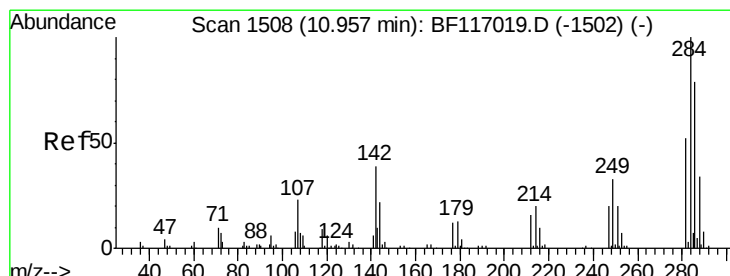
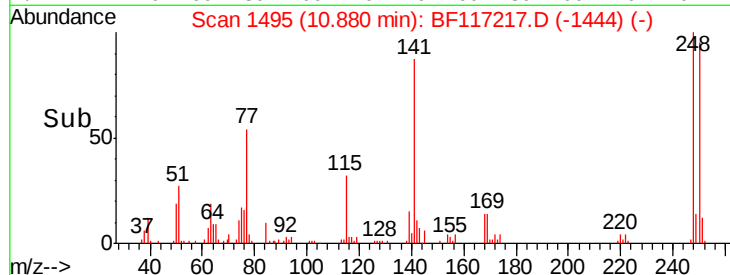
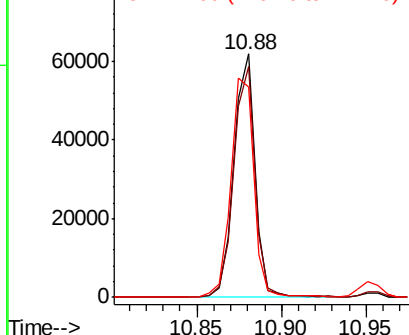
#67
4-Bromophenyl-phenylether
Concen: 43.800 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 53289
Ion Ratio Lower Upper
248 100
250 94.8 76.2 114.4
141 86.5 75.0 112.4

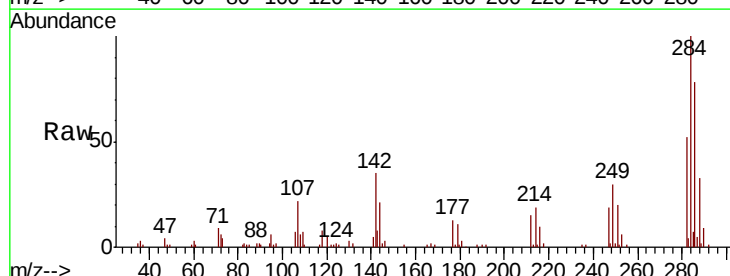


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

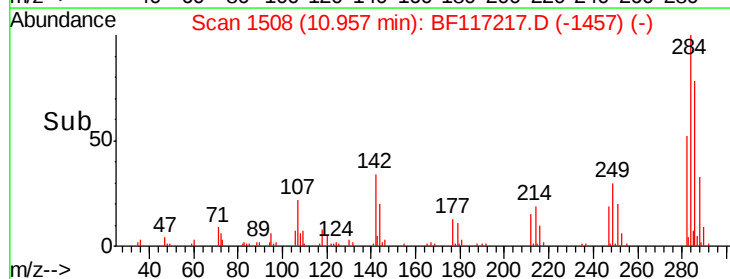
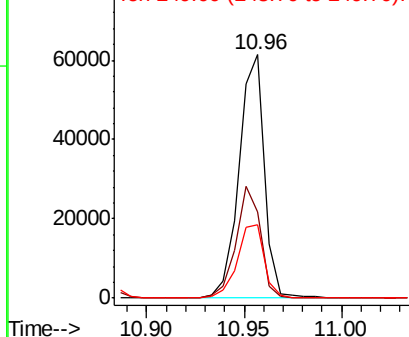


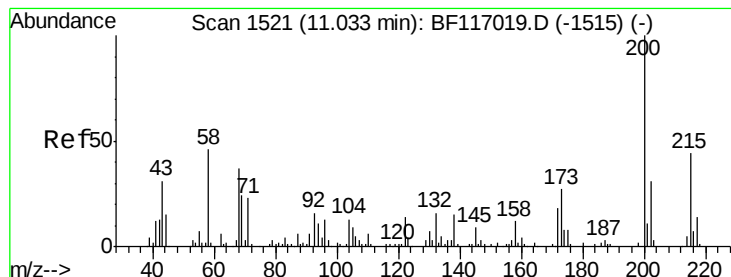
#68
Hexachlorobenzene
Concen: 41.435 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:284 Resp: 55138
Ion Ratio Lower Upper
284 100
142 35.1 31.4 47.2
249 30.0 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: 50.974 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

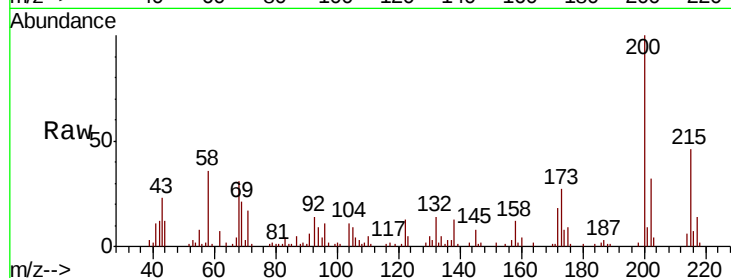
Tot Ion:200 Resp: 50355

Ion Ratio Lower Upper

200 100

173 27.0 6.9 46.9

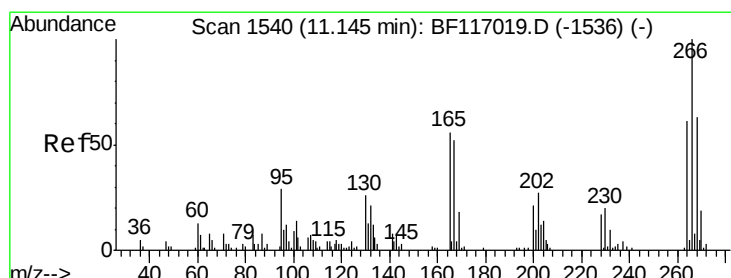
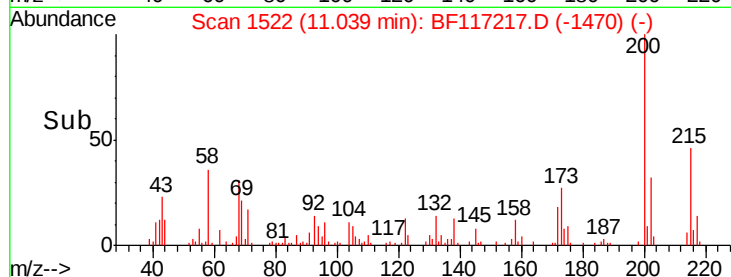
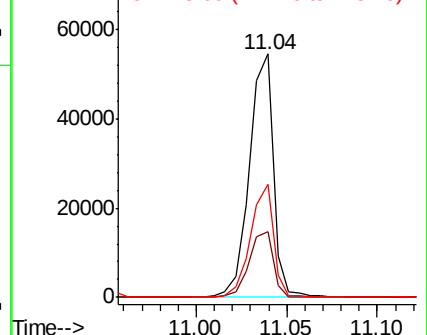
215 46.2 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.370 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

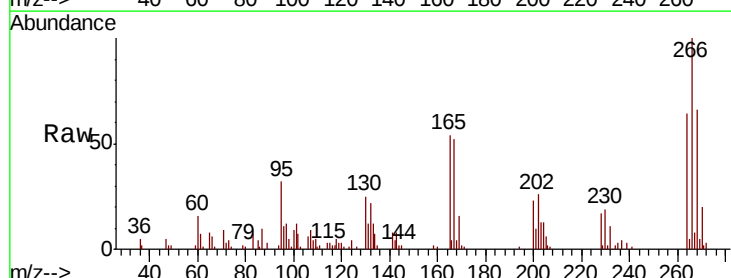
Tgt Ion:266 Resp: 47637

Ion Ratio Lower Upper

266 100

268 66.3 50.5 75.7

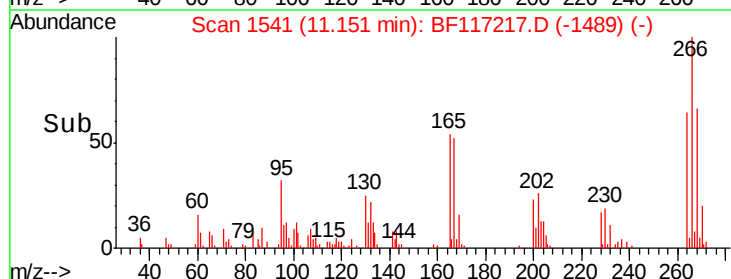
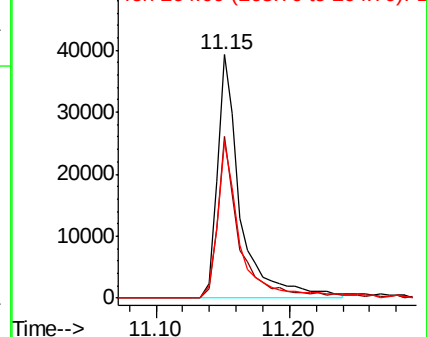
264 64.3 48.8 73.2

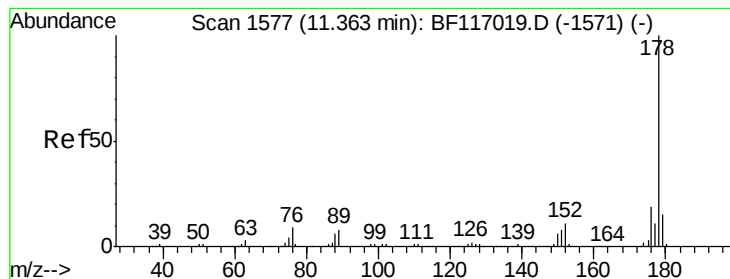


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.269 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampled :

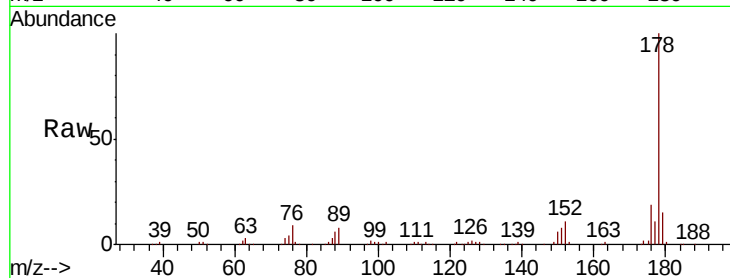
Tot Ion:178 Resp: 292788

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

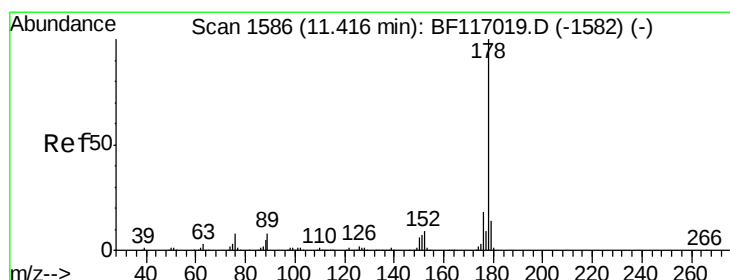
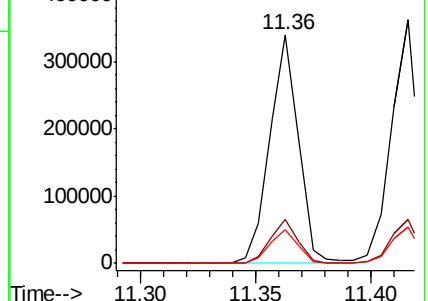
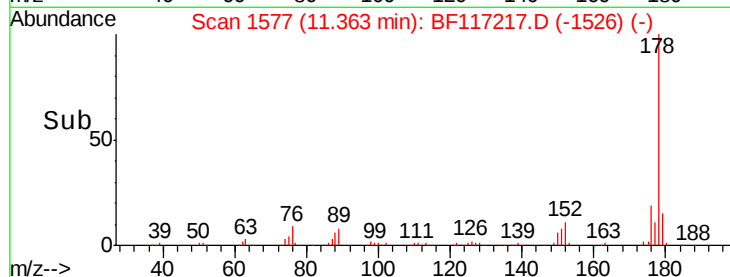
179 15.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.376 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

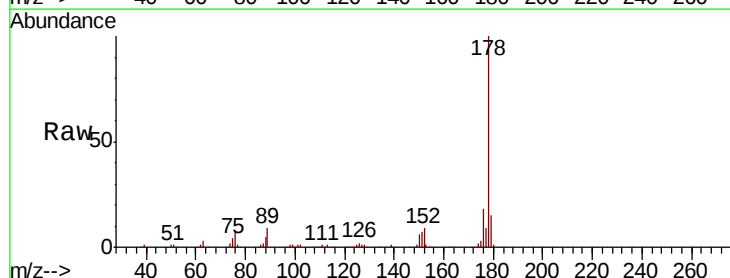
Tgt Ion:178 Resp: 306561

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

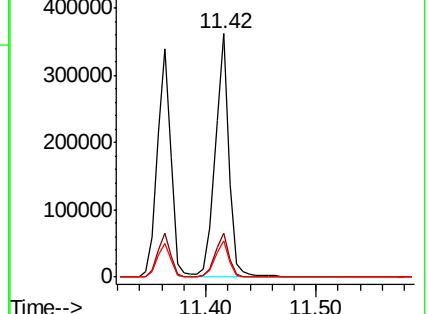
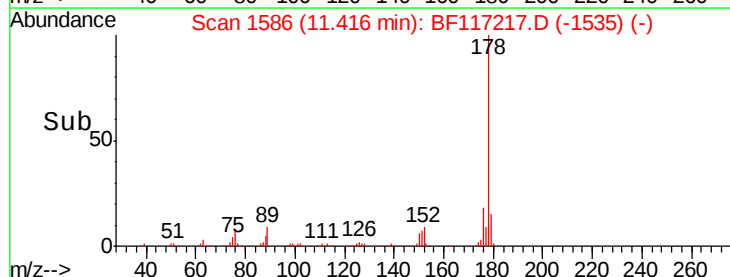
179 14.9 11.6 17.4

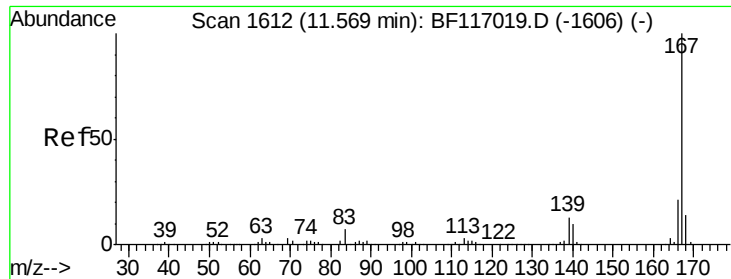


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

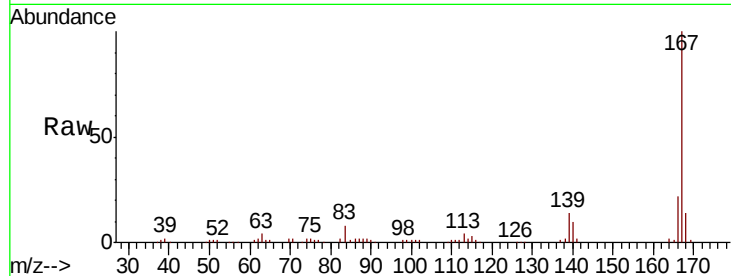




#73
 Carbazole
 Concen: 41.584 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	14.1	10.6	16.0

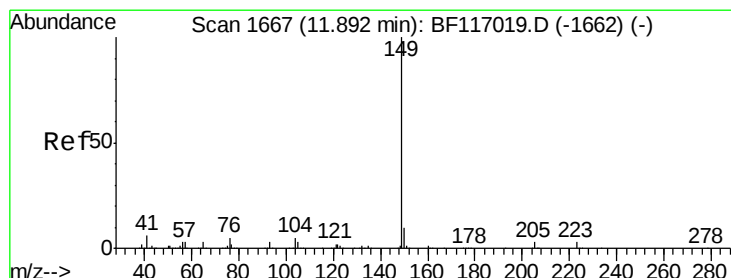
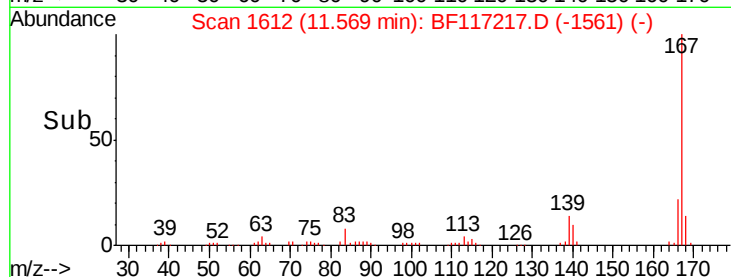
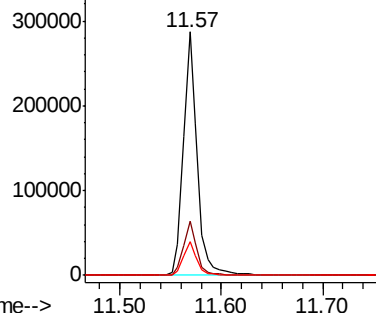


Abundance

Ion 167.00 (166.70 to 167.70): E

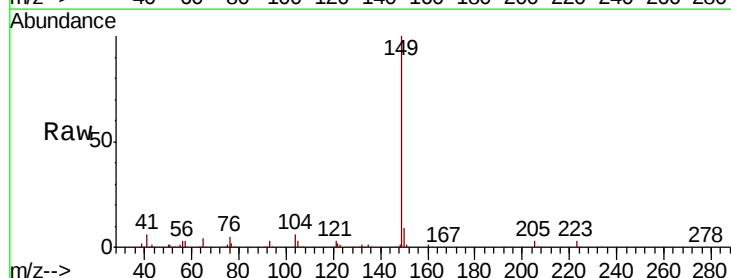
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.323 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.7	4.2	6.4

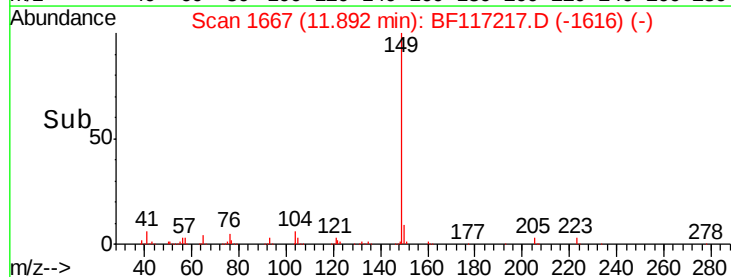
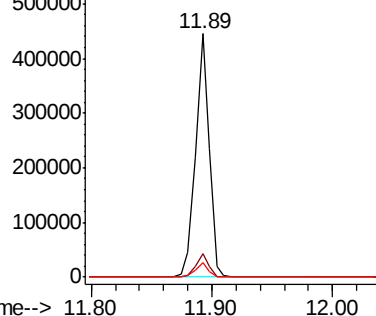


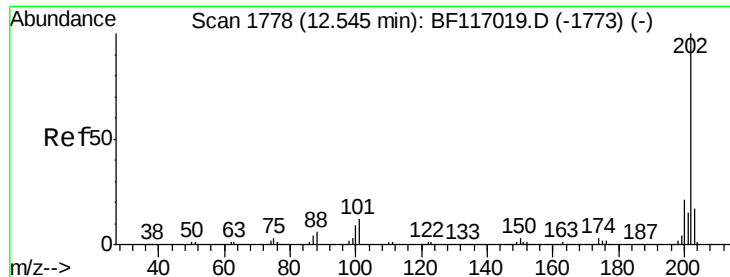
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

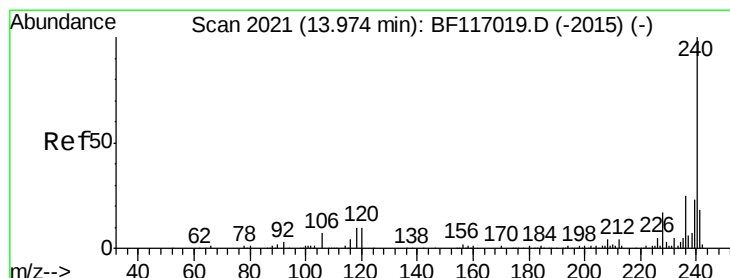
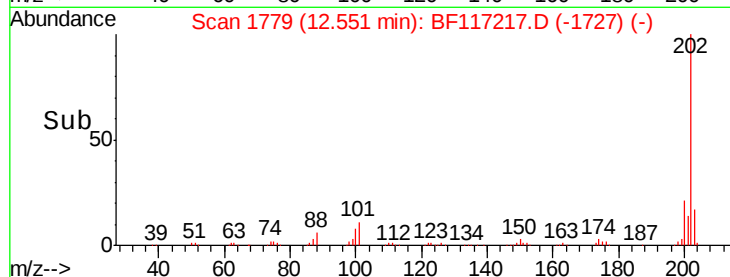
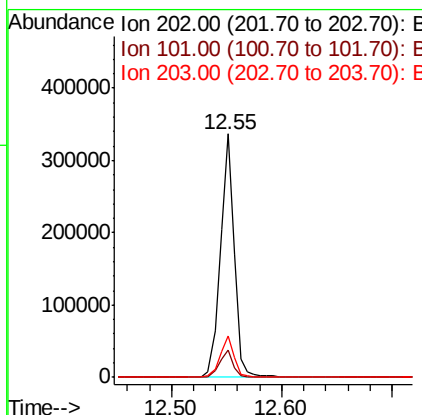
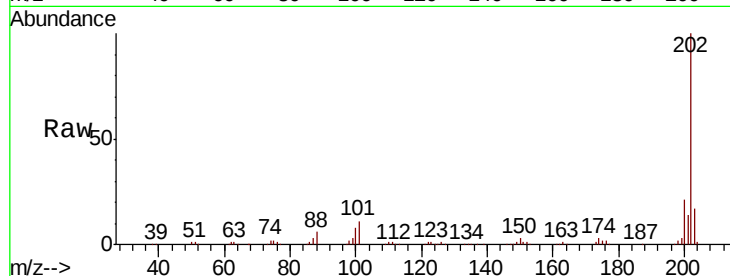




#75
 Fluoranthene
 Concen: 42.356 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

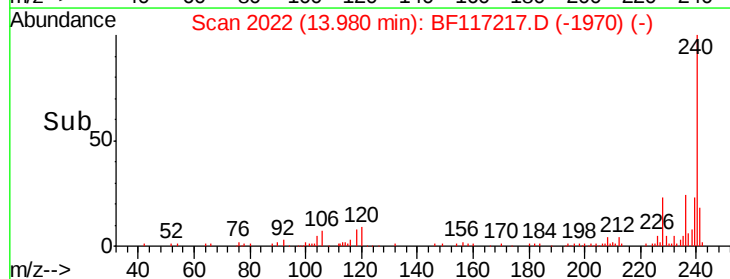
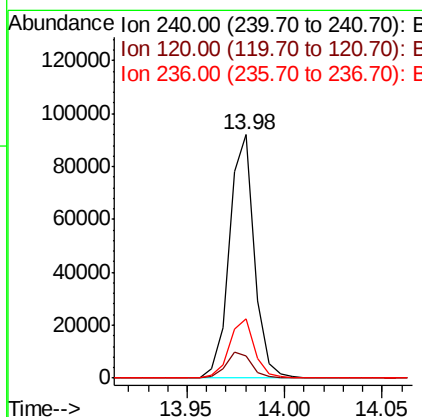
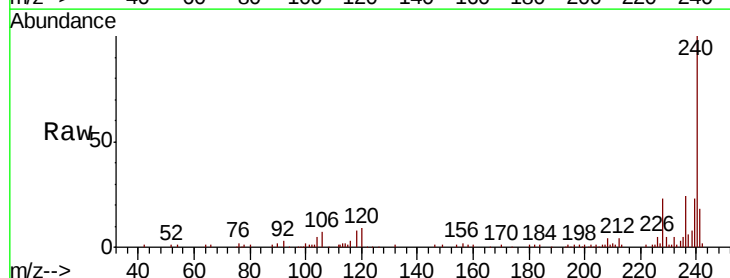
Instrument :
 BNA_F
 ClientSampleId :

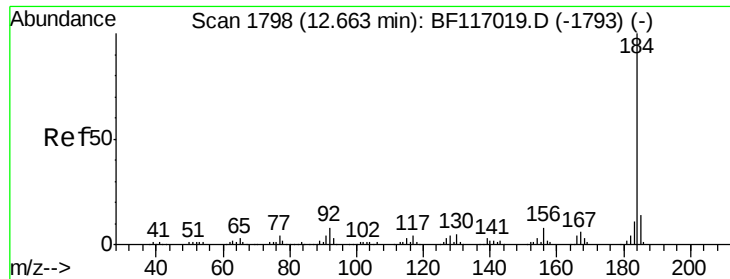
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.3	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.3	12.5
236	24.2	20.3	30.5

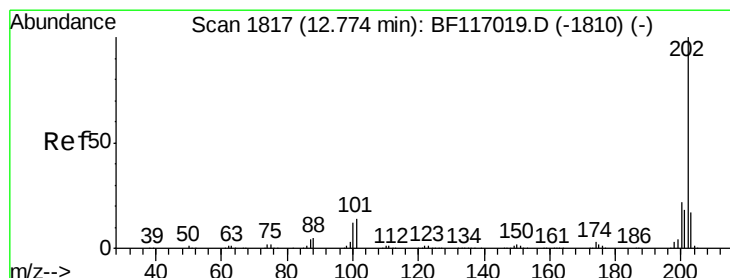
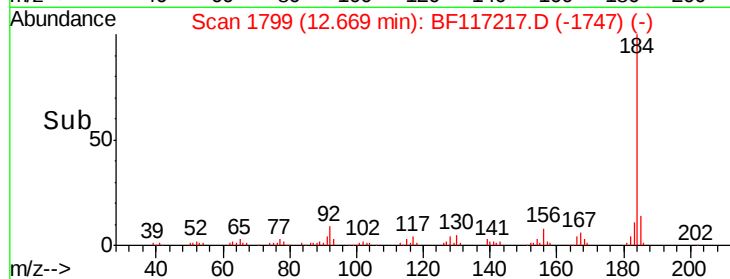
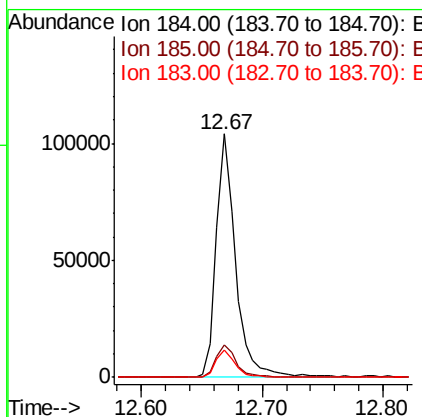
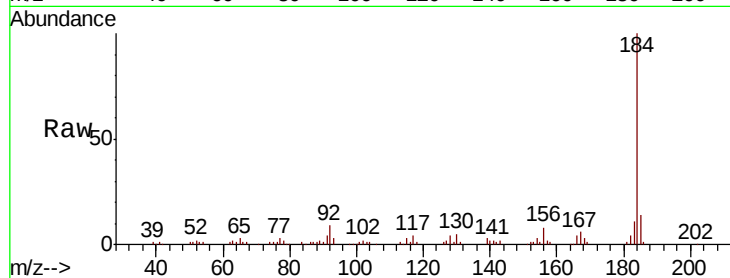




#77
Benzidine
Concen: 44.153 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

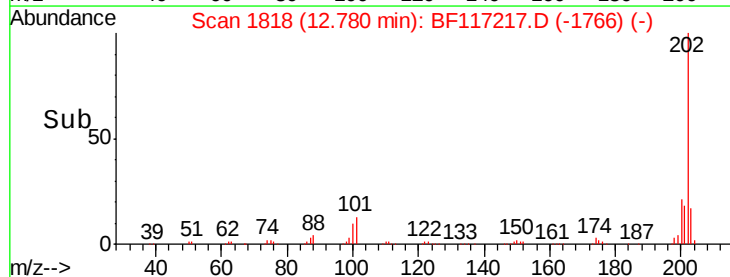
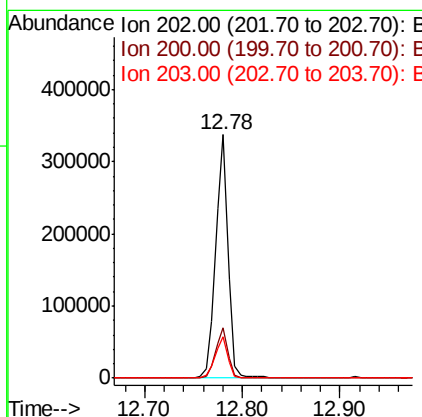
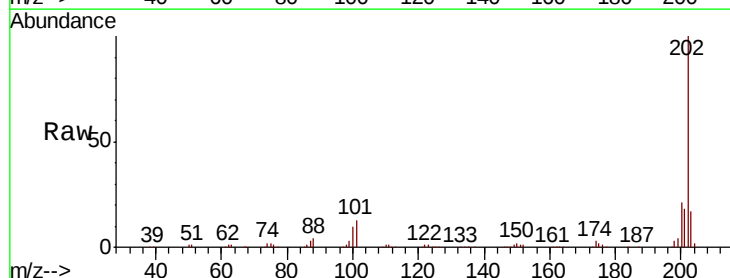
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.6	17.4
183	11.0	9.0	13.4



#78
Pyrene
Concen: 43.405 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	17.0	14.0	21.0





#79

Terphenyl-d14

Concen: 76.446 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

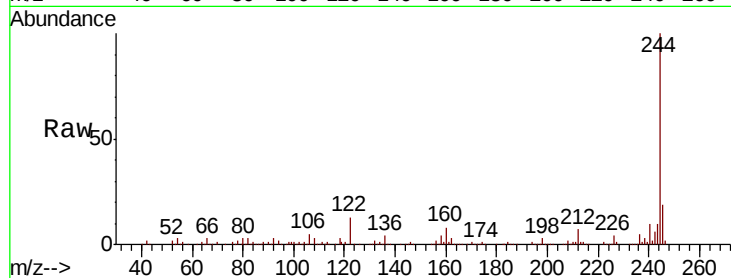
Tot Ion:244 Resp: 332025

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

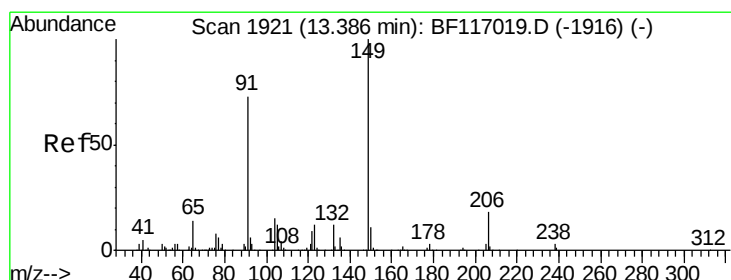
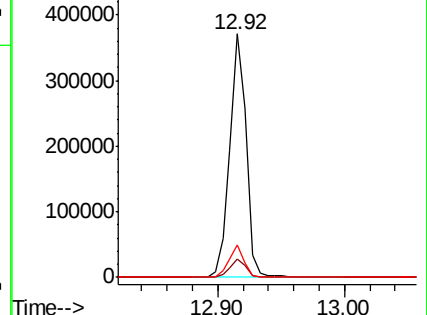
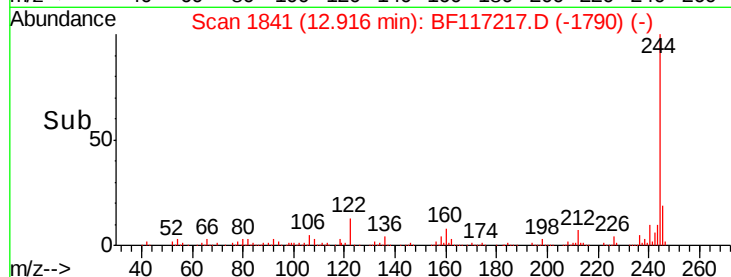
122 13.4 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.283 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

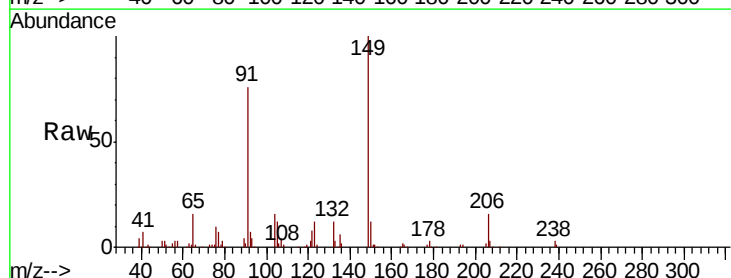
Tgt Ion:149 Resp: 136101

Ion Ratio Lower Upper

149 100

91 76.2 58.8 88.2

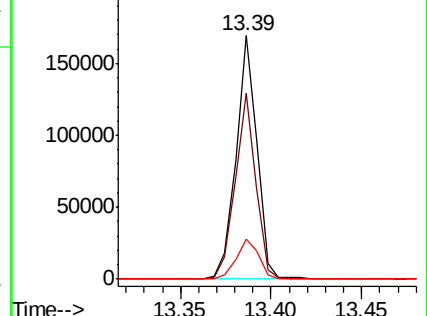
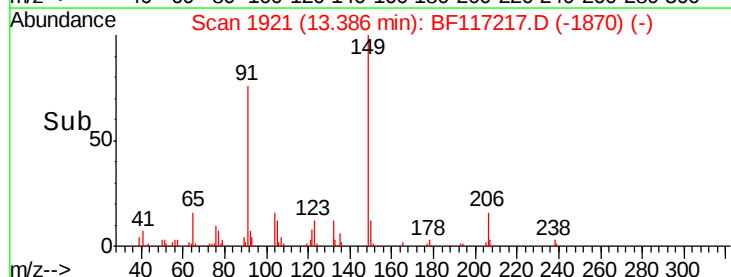
206 16.5 14.1 21.1

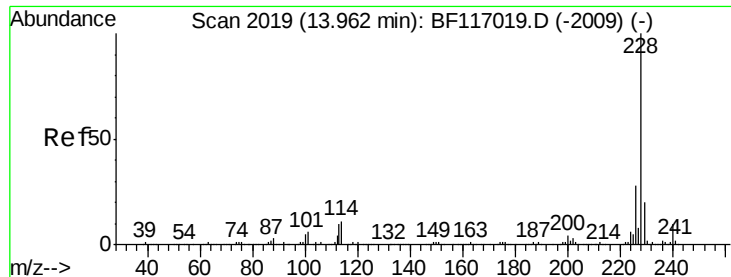


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.990 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

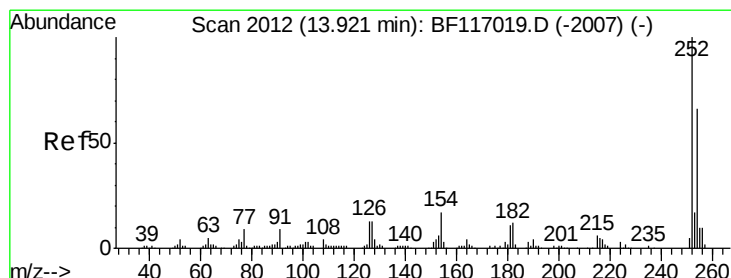
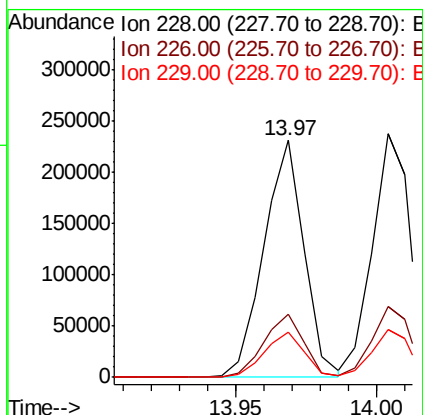
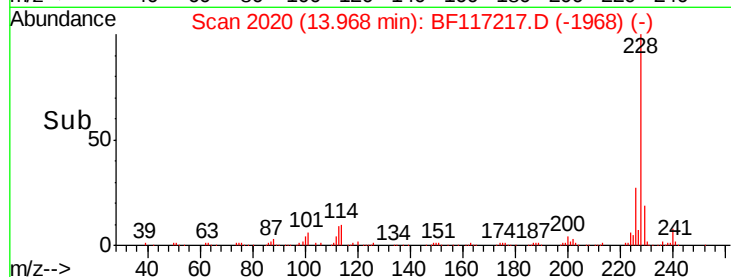
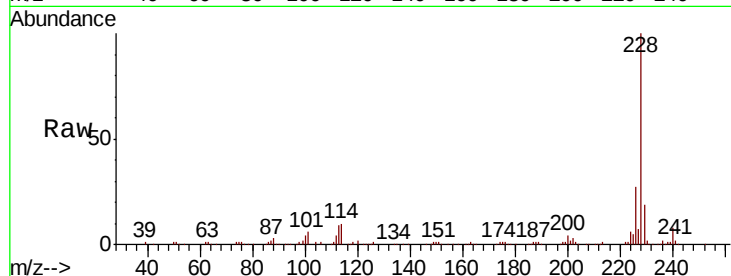
Tot Ion:228 Resp: 227758

Ion Ratio Lower Upper

228 100

226 26.9 22.3 33.5

229 19.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 30.563 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

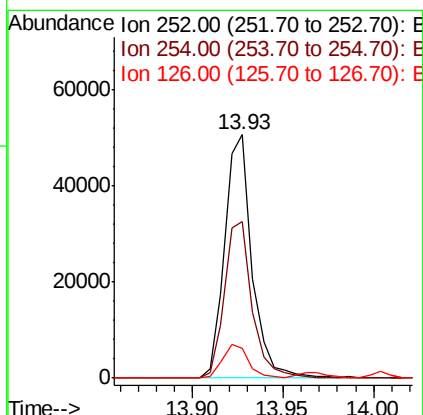
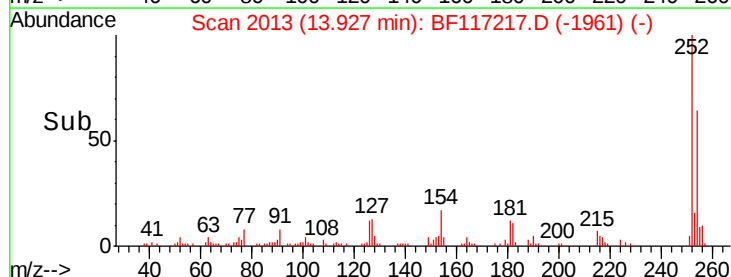
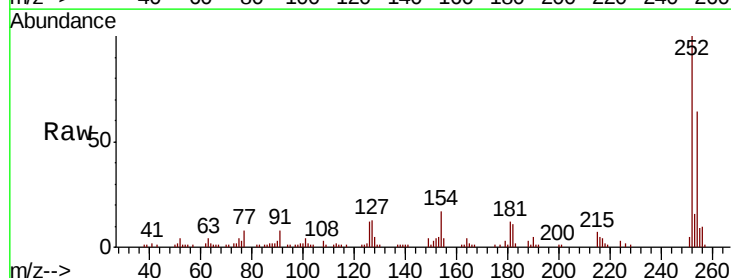
Tgt Ion:252 Resp: 53421

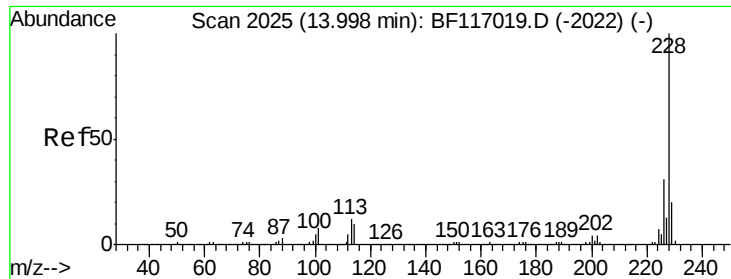
Ion Ratio Lower Upper

252 100

254 64.4 52.6 79.0

126 12.4 10.4 15.6

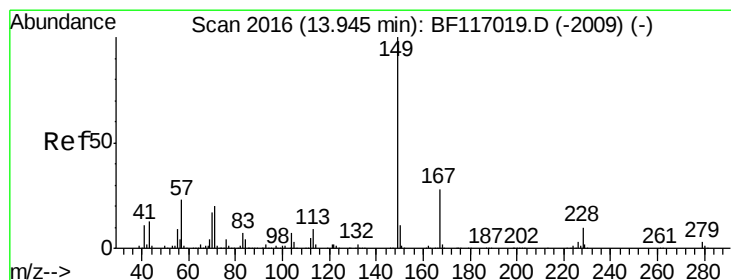
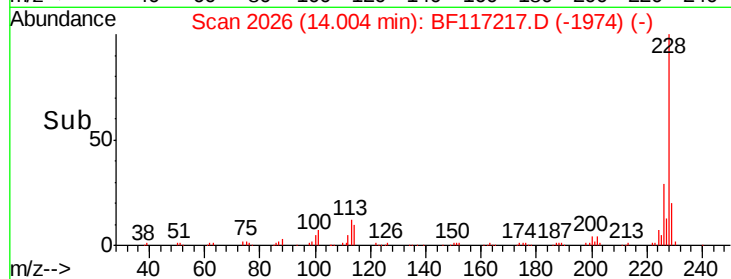
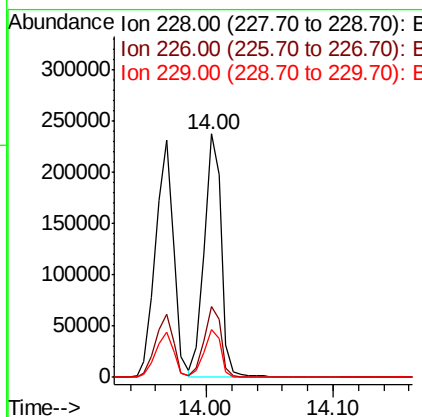
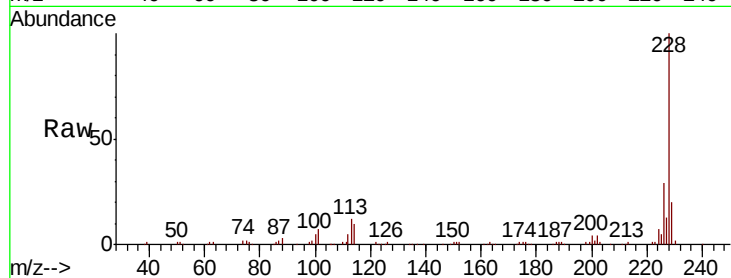




#83
 Chrysene
 Concen: 42.267 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

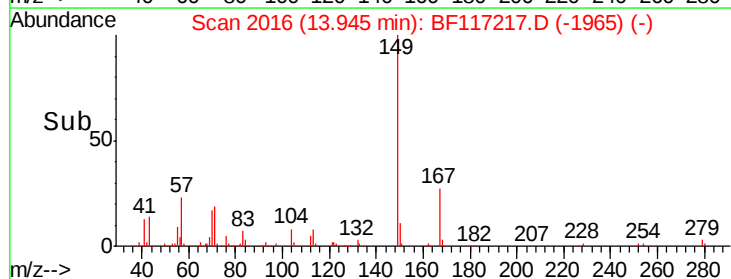
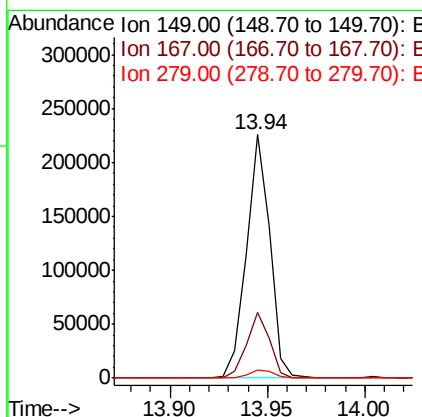
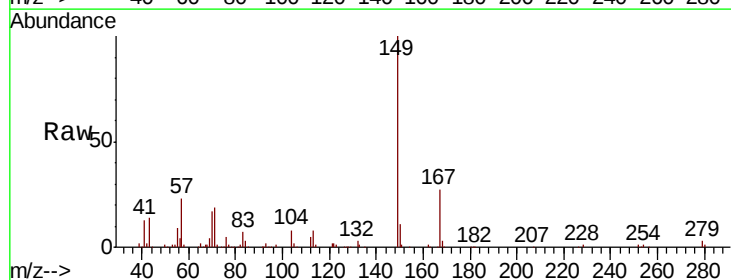
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 223603
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.8 37.2
 229 19.9 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.228 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117217.D
 Acq: 24 Sep 2019 16:00

Tgt Ion:149 Resp: 187702
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.2 33.2
 279 3.3 2.8 4.2

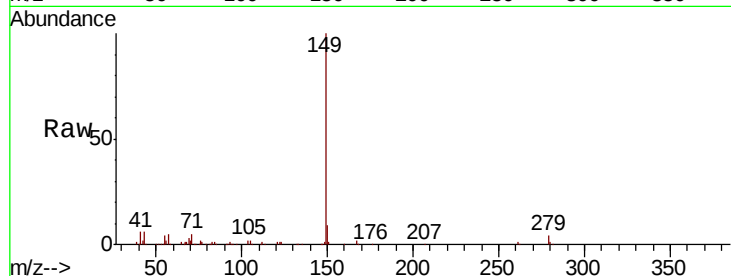




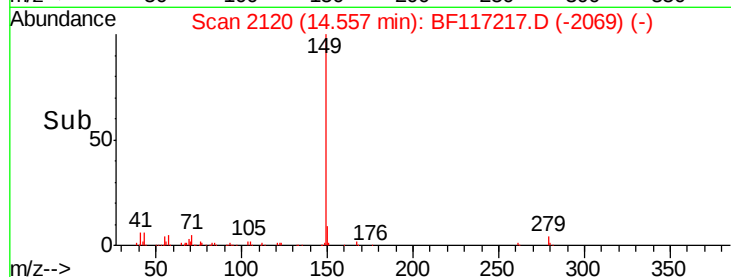
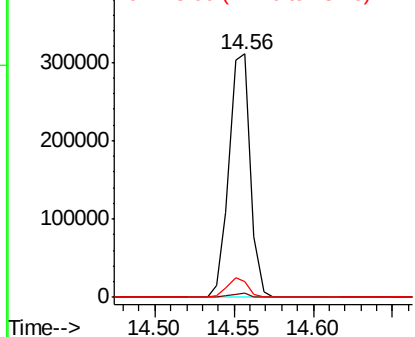
#85
Di-n-octyl phthalate
Concen: 44.667 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	6.2	9.4

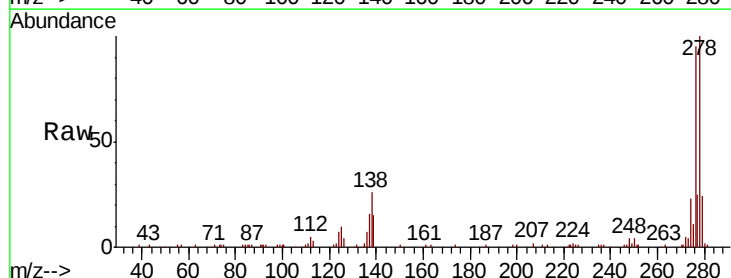


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

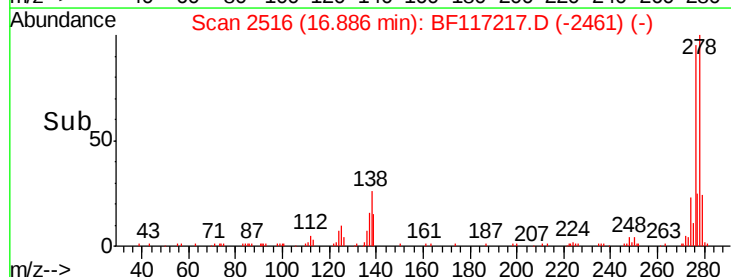
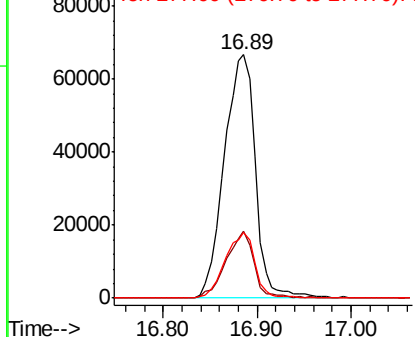


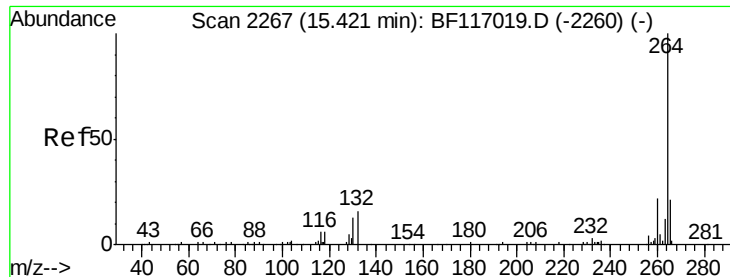
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.778 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.7	31.1
277	25.6	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



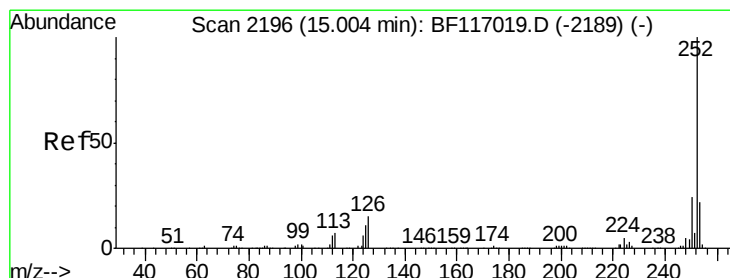
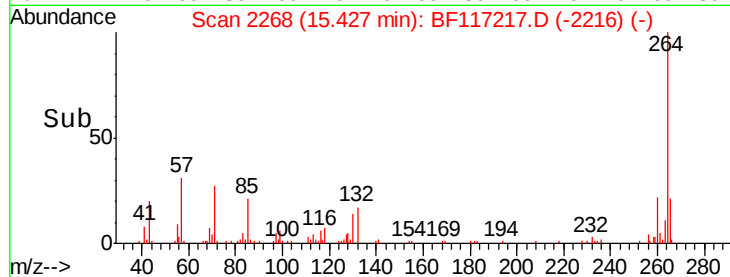
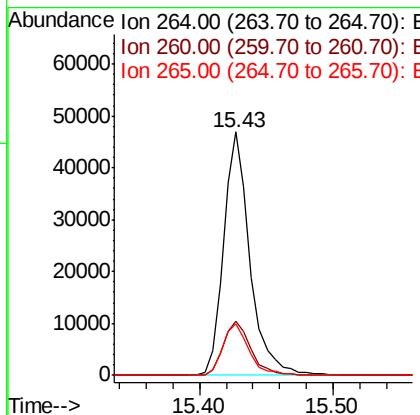
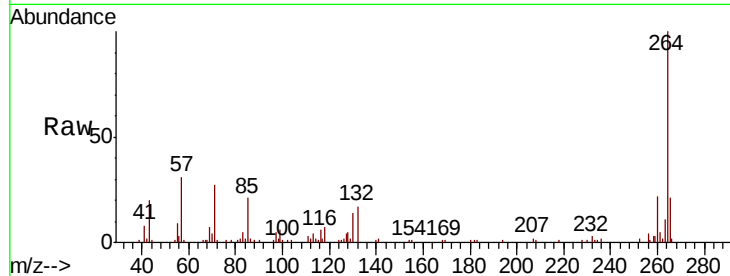


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 64859

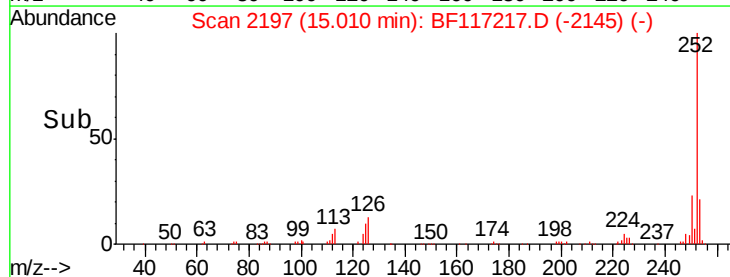
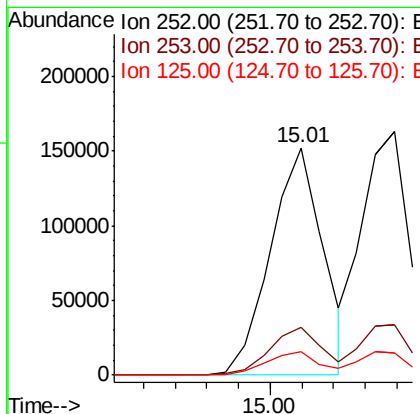
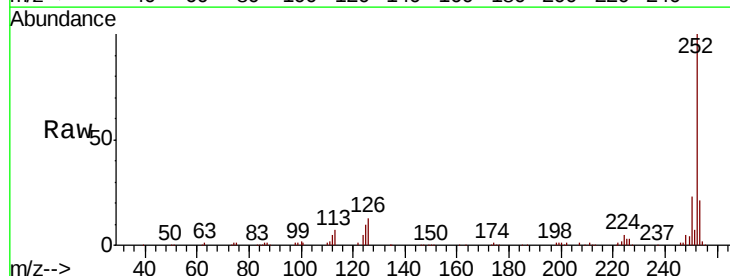
Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.6	26.4
265	21.1	16.6	24.8

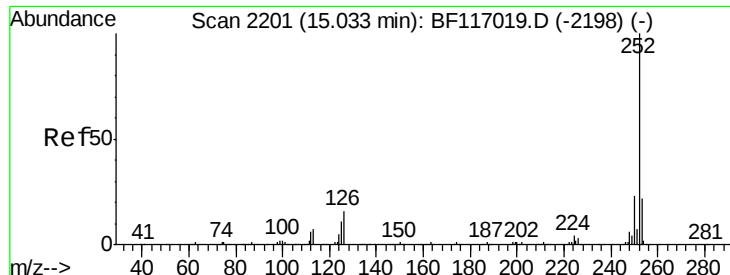


#88
Benzo(b)fluoranthene
Concen: 44.763 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117217.D
Acq: 24 Sep 2019 16:00

Tgt Ion:252 Resp: 175864

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	10.2	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 47.113 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Instrument :

BNA_F

ClientSampleId :

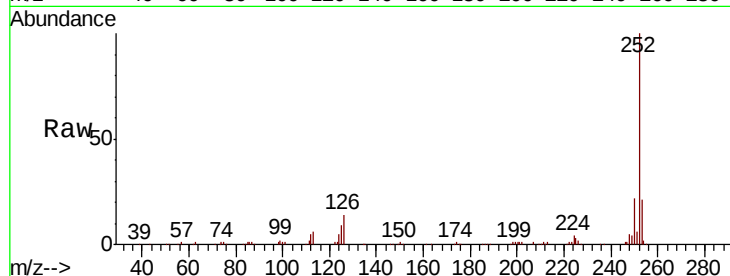
Tot Ion:252 Resp: 175334

Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.2

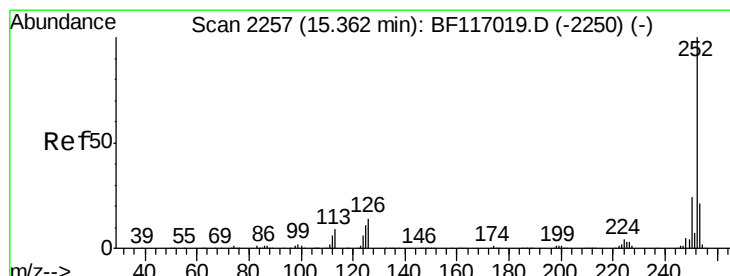
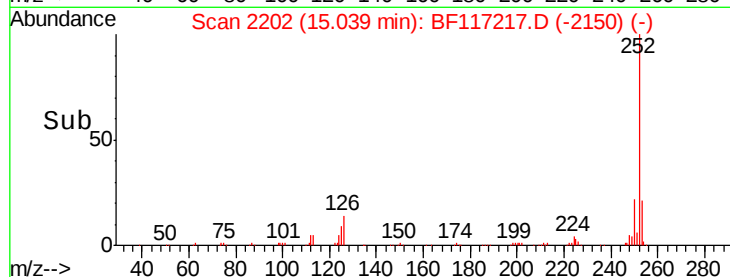
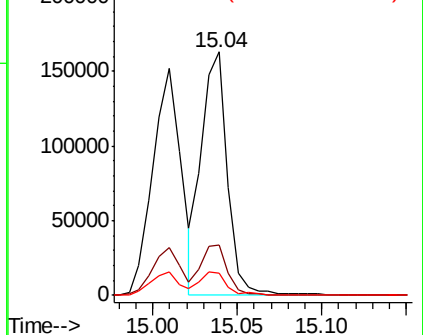
125 9.4 8.8 13.2



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



#90

Benzo(a)pyrene

Concen: 46.324 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

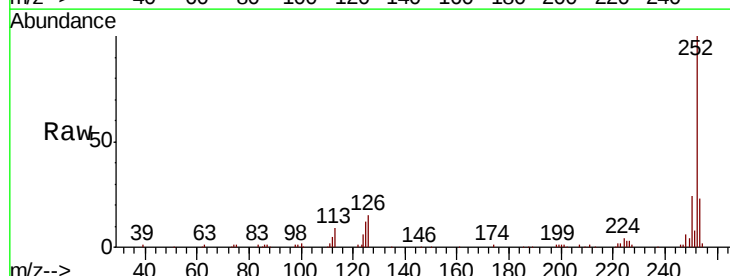
Tgt Ion:252 Resp: 159704

Ion Ratio Lower Upper

252 100

253 22.6 16.6 25.0

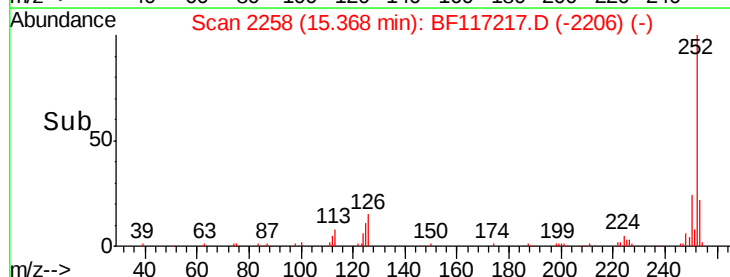
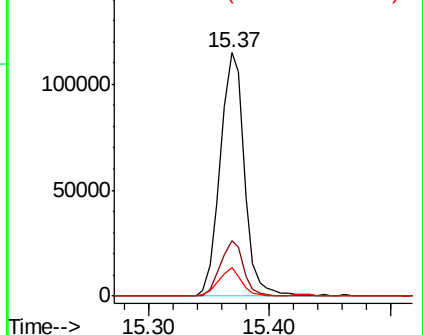
125 11.7 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 47.318 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

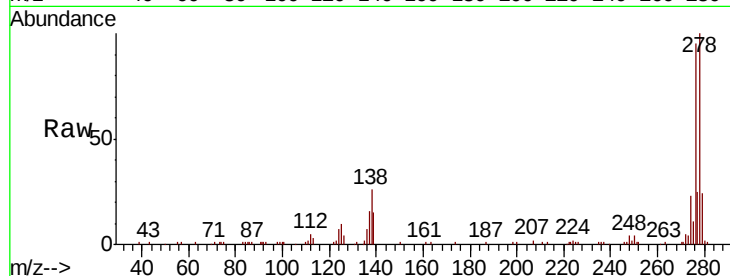
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 129955

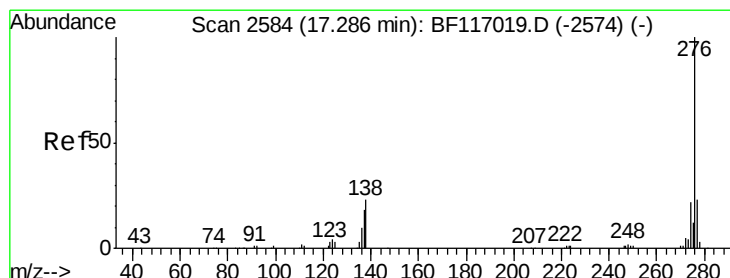
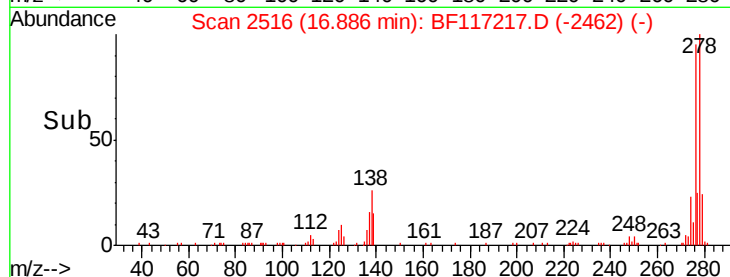
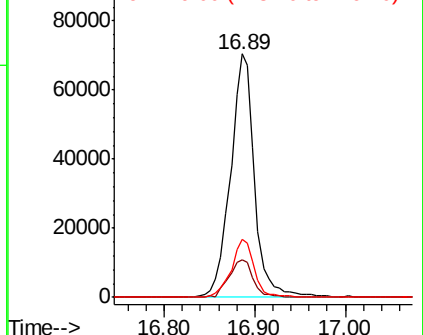
Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.5	20.3
279	23.6	18.8	28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.921 ng

RT: 17.32 min Scan# 2589

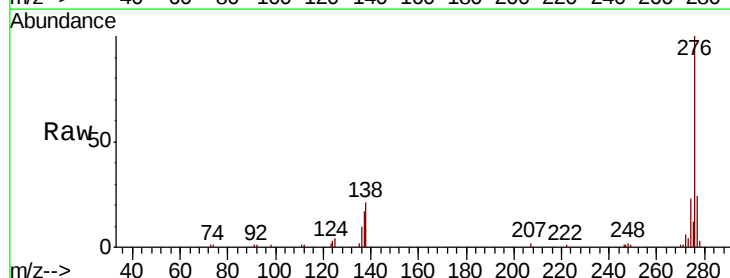
Delta R.T. 0.03 min

Lab File: BF117217.D

Acq: 24 Sep 2019 16:00

Tgt Ion:276 Resp: 122938

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	21.3	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

