

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117395.D
 Acq On : 14 Oct 2019 12:09
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 14:27:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	55559	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	238803	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	128903	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	208463	20.00	ng	0.00
76) Chrysene-d12	13.96	240	152534	20.00	ng	0.00
87) Perylene-d12	15.42	264	135525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	74195	20.85	ng	0.00
7) Phenol-d6	6.43	99	104108	22.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	100513	22.12	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	22607	20.98	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	197404	23.94	ng	0.00
79) Terphenyl-d14	12.90	244	203946	24.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	14744	9.901	ng	100
3) Pyridine	3.29	79	30314	7.438	ng	98
4) n-Nitrosodimethylamine	3.21	42	10826	7.740	ng	# 99
6) Aniline	6.46	93	65675	11.091	ng	89
8) 2-Chlorophenol	6.58	128	42478	11.065	ng	95
9) Benzaldehyde	6.35	77	32998	13.140	ng	95
10) Phenol	6.45	94	52755	10.405	ng	# 72
11) bis(2-Chloroethyl)ether	6.52	93	39289	10.544	ng	95
12) 1,3-Dichlorobenzene	6.73	146	48917	11.355	ng	99
13) 1,4-Dichlorobenzene	6.81	146	50855	11.568	ng	99
14) 1,2-Dichlorobenzene	6.96	146	48078	11.746	ng	98
15) Benzyl Alcohol	6.95	79	40181	11.393	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	44441	12.071	ng	80
17) 2-Methylphenol	7.06	107	37232	11.572	ng	94
18) Hexachloroethane	7.30	117	19170	11.335	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	33240	11.869	ng	98
20) 3+4-Methylphenols	7.22	107	49108	12.253	ng	95
22) Acetophenone	7.20	105	67221	11.079	ng	# 93
24) Nitrobenzene	7.37	77	53563	11.934	ng	99
25) Isophorone	7.61	82	92187	11.456	ng	99
26) 2-Nitrophenol	7.70	139	21312	11.055	ng	96
27) 2,4-Dimethylphenol	7.74	122	35645	11.659	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	57232	11.543	ng	100
29) 2,4-Dichlorophenol	7.95	162	35068	10.947	ng	92
30) 1,2,4-Trichlorobenzene	8.02	180	38291	11.064	ng	93
31) Naphthalene	8.09	128	130992	11.406	ng	99
32) Benzoic acid	7.85	122	13250	6.162	ng	# 87
33) 4-Chloroaniline	8.16	127	57507	11.289	ng	97
34) Hexachlorobutadiene	8.21	225	22506	11.462	ng	96
35) Caprolactam	8.50	113	11142	10.276	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	41093	11.001	ng	98
37) 2-Methylnaphthalene	8.79	142	89850	11.618	ng	96
38) 1-Methylnaphthalene	8.89	142	86005	11.874	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	37027	11.124	ng	98

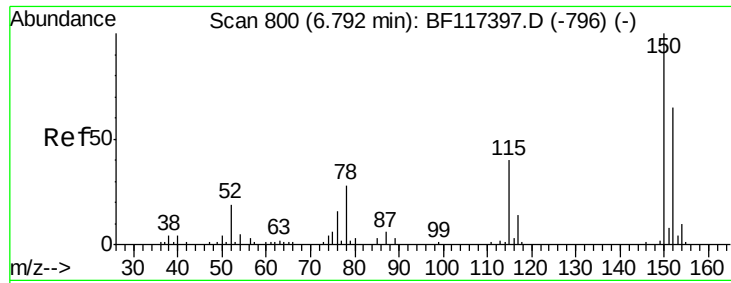
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	1219	0.974	nq	94
43) 2,4,6-Trichlorophenol	9.07	196	22458	9.942	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	23961	9.928	nq	# 92
46) 1,1'-Biphenyl	9.25	154	112304	11.107	nq	98
47) 2-Chloronaphthalene	9.27	162	89594	11.228	nq	98
48) 2-Nitroaniline	9.38	65	27471	10.733	nq	93
49) Acenaphthylene	9.69	152	132714	11.102	nq	99
50) Dimethylphthalate	9.55	163	101826	11.157	nq	98
51) 2,6-Dinitrotoluene	9.62	165	20337	10.941	nq	96
52) Acenaphthene	9.86	154	79369	11.200	nq	96
53) 3-Nitroaniline	9.79	138	26330	11.227	nq	# 85
54) 2,4-Dinitrophenol	9.94	184	4974	7.559	nq	88
55) Dibenzofuran	10.03	168	119606	11.440	nq	98
56) 4-Nitrophenol	10.00	139	5735	3.773	nq	94
57) 2,4-Dinitrotoluene	10.03	165	27380	11.347	nq	97
58) Fluorene	10.37	166	100128	11.889	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	19755	10.696	nq	# 98
60) Diethylphthalate	10.24	149	104099	11.593	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	43349	11.896	nq	89
62) 4-Nitroaniline	10.40	138	24828	10.179	nq	100
63) Azobenzene	10.52	77	108111	11.788	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	8084	9.240	nq	92
66) n-Nitrosodiphenylamine	10.48	169	84294	11.708	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	23908	11.230	nq	97
68) Hexachlorobenzene	10.93	284	25775	11.069	nq	100
69) Atrazine	11.01	200	22988	12.999	nq	99
70) Pentachlorophenol	11.14	266	6054	5.547	nq	97
71) Phenanthrene	11.34	178	133316	11.259	nq	99
72) Anthracene	11.39	178	143257	11.851	nq	99
73) Carbazole	11.55	167	127680	11.127	nq	98
74) Di-n-butylphthalate	11.87	149	174580	12.788	nq	99
75) Fluoranthene	12.53	202	137680	11.317	nq	98
77) Benzidine	12.65	184	66991	13.634	nq	99
78) Pyrene	12.76	202	140668	10.991	nq	98
80) Butylbenzylphthalate	13.37	149	71156	11.766	nq	94
81) Benzo(a)anthracene	13.95	228	112216	11.011	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	38954	11.862	nq	99
83) Chrysene	13.99	228	113288	11.398	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	101797	13.055	nq	98
85) Di-n-octyl phthalate	14.53	149	163671	13.336	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	75667	10.435	nq	99
88) Benzo(b)fluoranthene	14.99	252	84006	10.233	nq	96
89) Benzo(k)fluoranthene	15.02	252	101748	13.084	nq	99
90) Benzo(a)pyrene	15.36	252	82096	11.396	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	63272	11.025	nq	99
92) Benzo(g,h,i)perylene	17.31	276	57864	10.119	nq	96

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

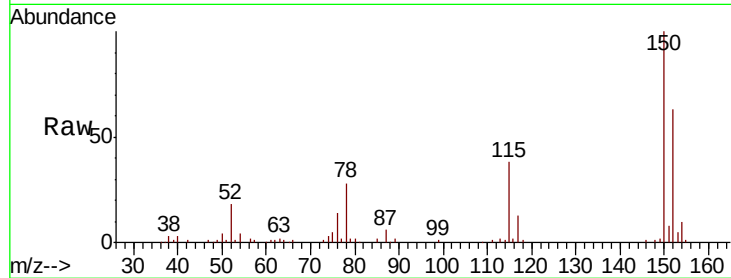


#1

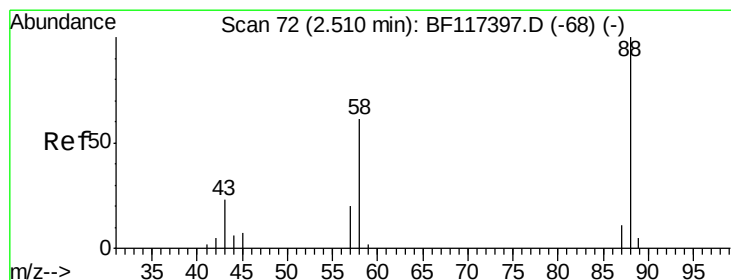
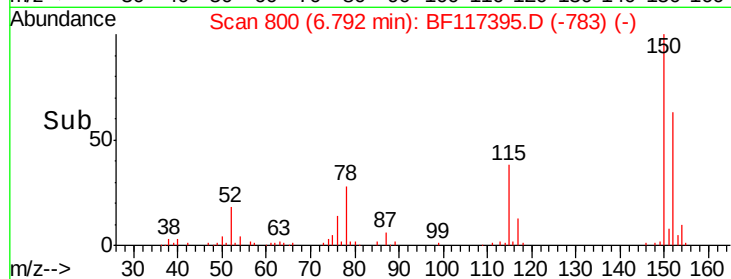
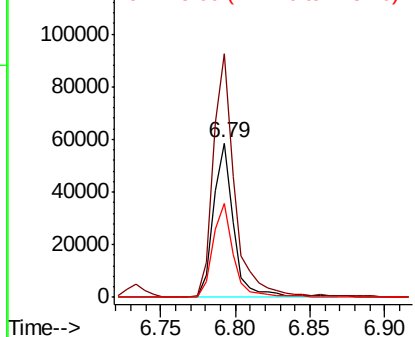
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55559
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 60.5 48.6 73.0



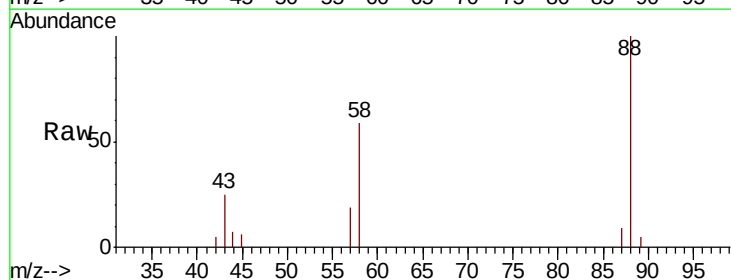
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



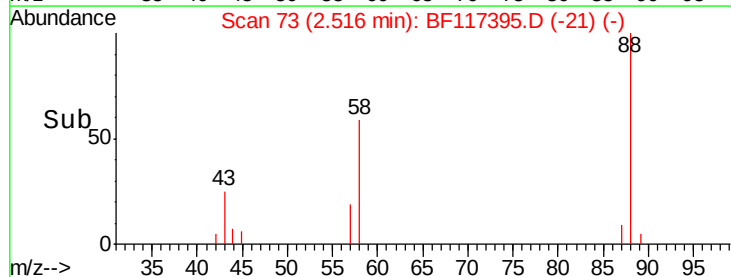
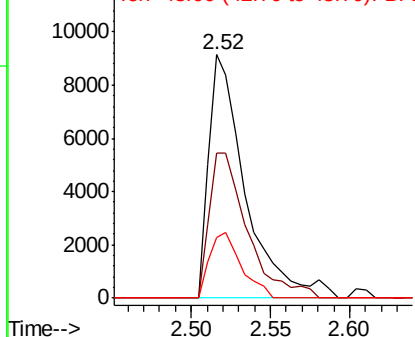
#2

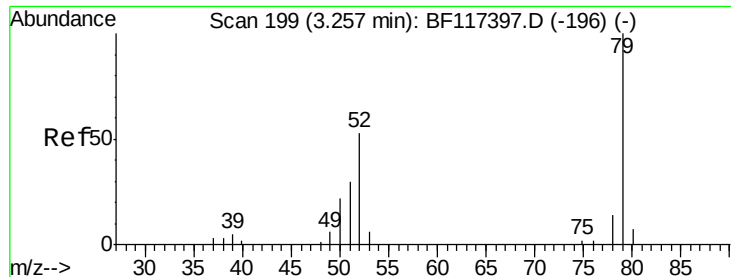
1,4-Dioxane
Concen: 9.901 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion: 88 Resp: 14744
Ion Ratio Lower Upper
88 100
58 61.8 49.4 74.2
43 23.2 18.1 27.1



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: 7.438 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.03 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

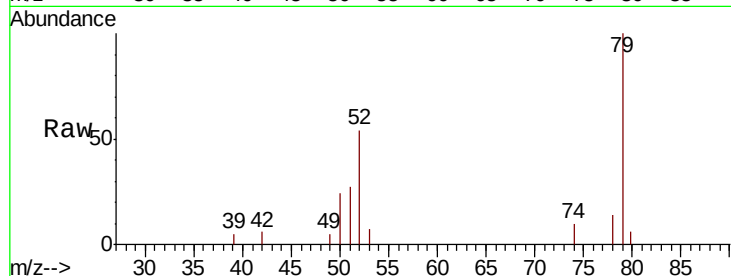
Tot Ion: 79 Resp: 30314

Ion Ratio Lower Upper

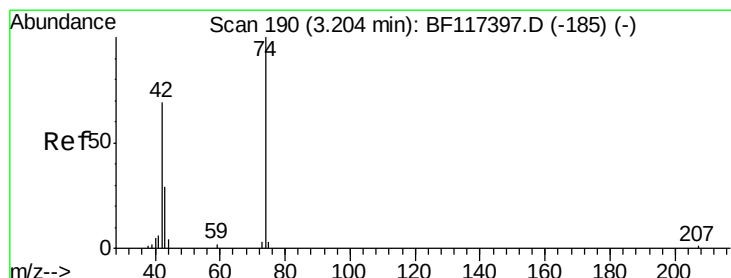
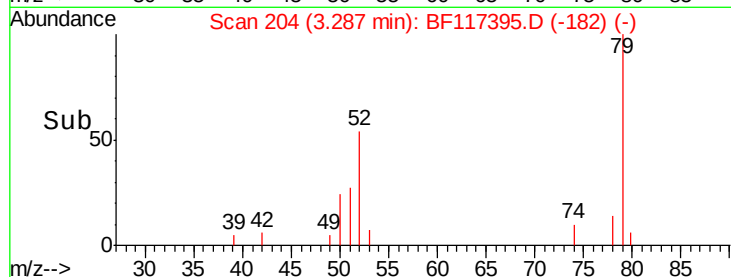
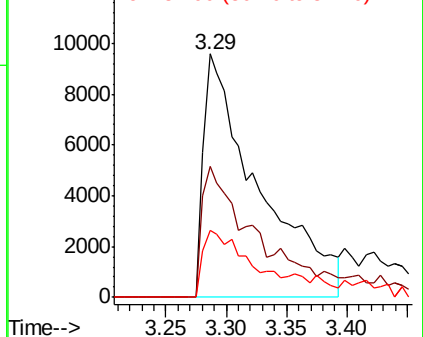
79 100

52 53.9 42.7 64.1

51 27.3 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 7.740 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

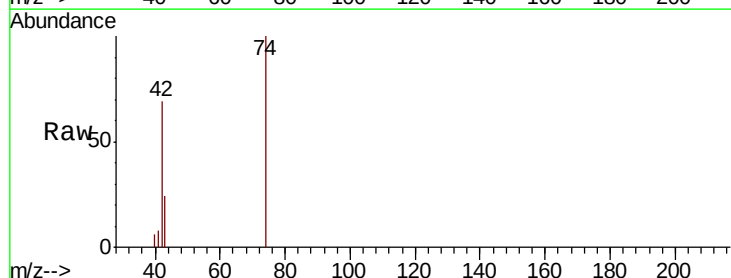
Tgt Ion: 42 Resp: 10826

Ion Ratio Lower Upper

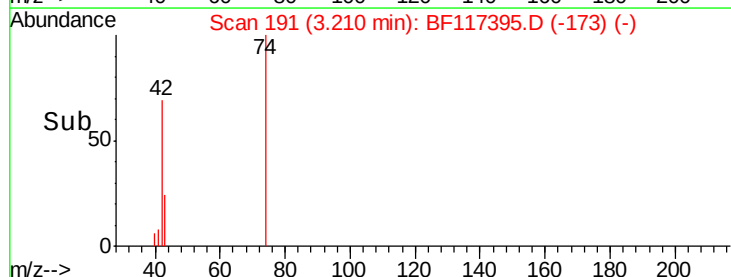
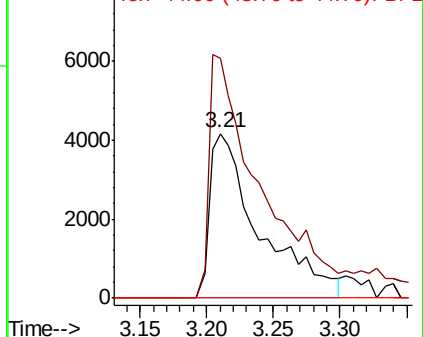
42 100

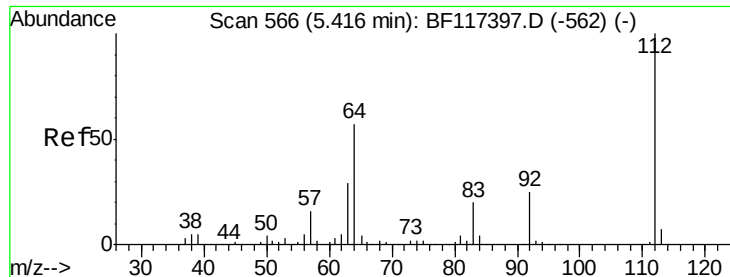
74 145.6 116.2 174.4

44 0.0 4.2 6.4#



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





#5

2-Fluorophenol

Concen: 20.849 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

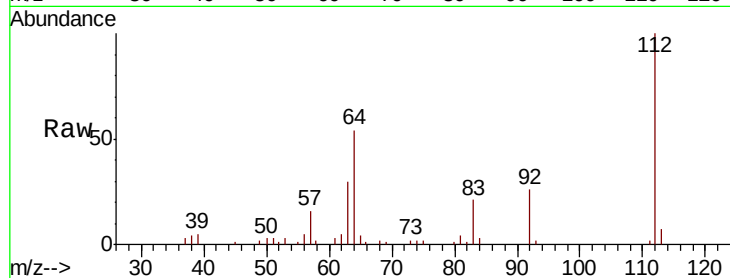
Tot Ion: 112 Resp: 74195

Ion Ratio Lower Upper

112 100

64 54.4 45.2 67.8

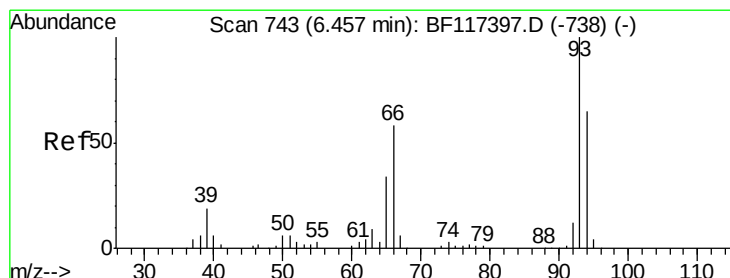
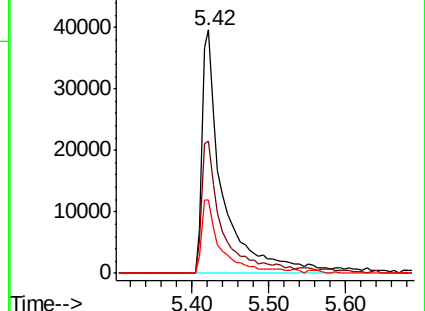
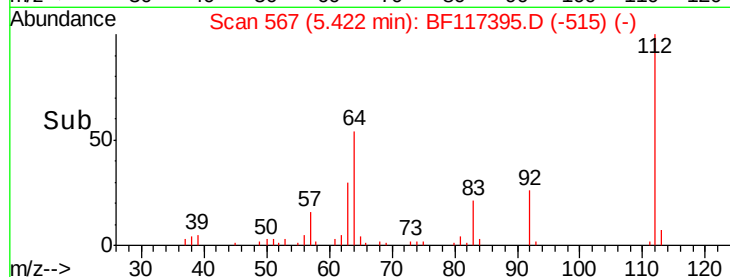
63 30.0 23.4 35.2



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: 11.091 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

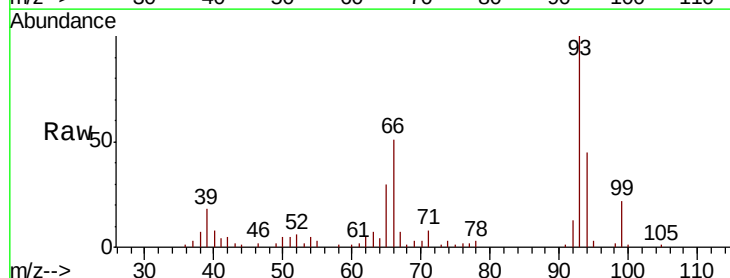
Tgt Ion: 93 Resp: 65675

Ion Ratio Lower Upper

93 100

66 50.5 48.4 72.6

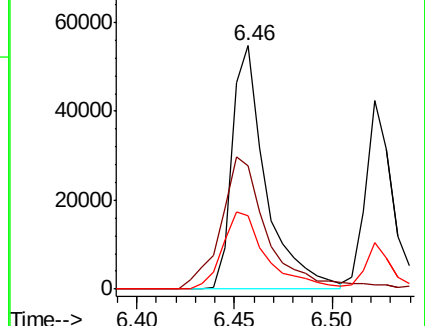
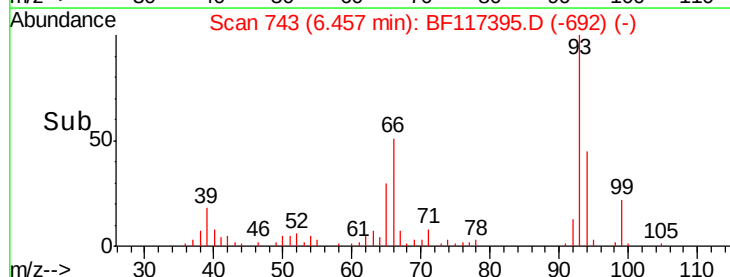
65 29.9 27.8 41.6

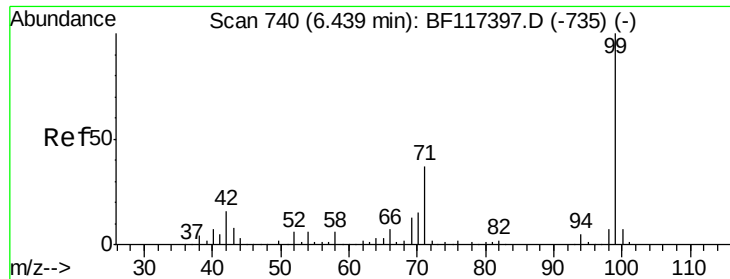


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.637 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampled :

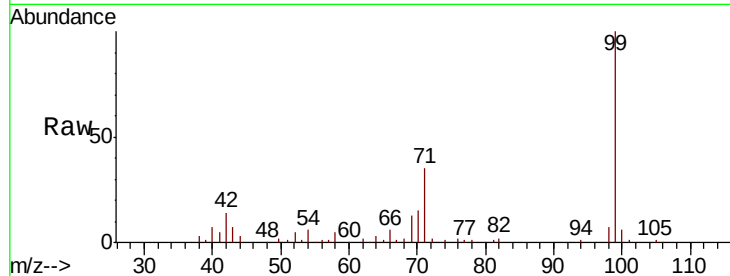
Tot Ion: 99 Resp: 104108

Ion Ratio Lower Upper

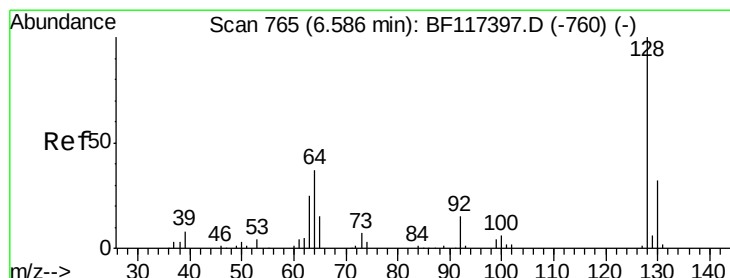
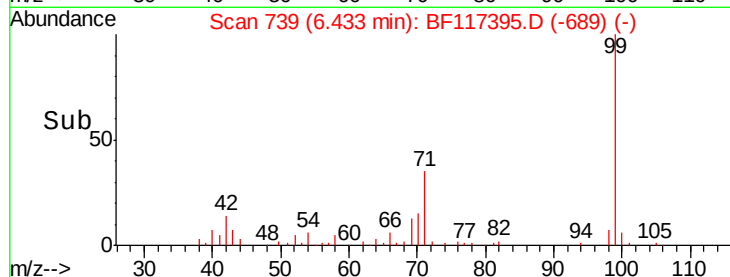
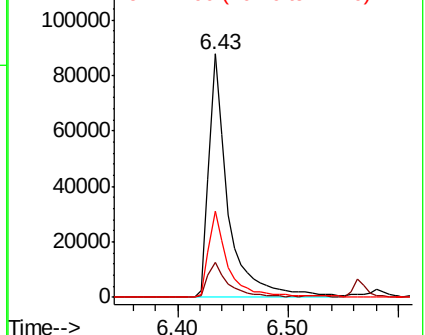
99 100

42 14.2 12.5 18.7

71 35.2 29.2 43.8



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



#8

2-Chlorophenol

Concen: 11.065 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

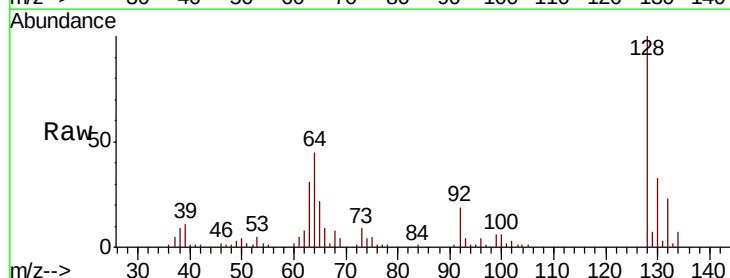
Tgt Ion: 128 Resp: 42478

Ion Ratio Lower Upper

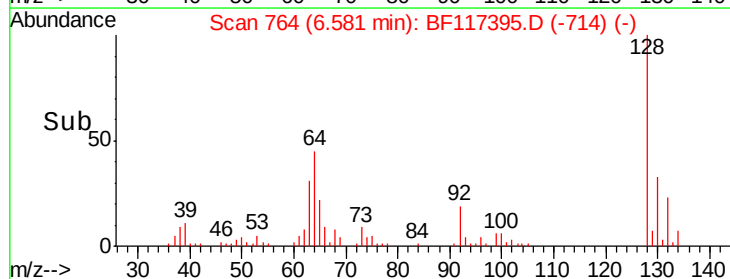
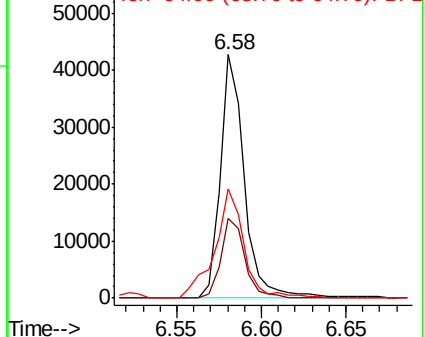
128 100

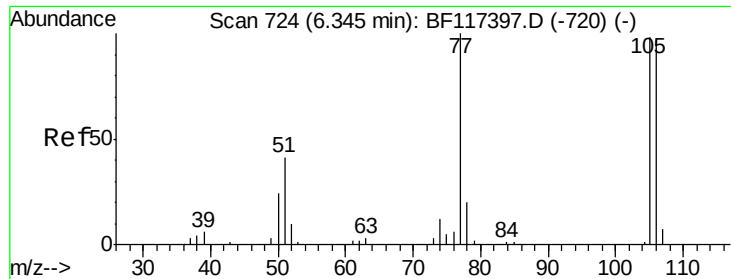
130 32.8 11.7 51.7

64 45.0 20.4 60.4



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: 13.140 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampled :

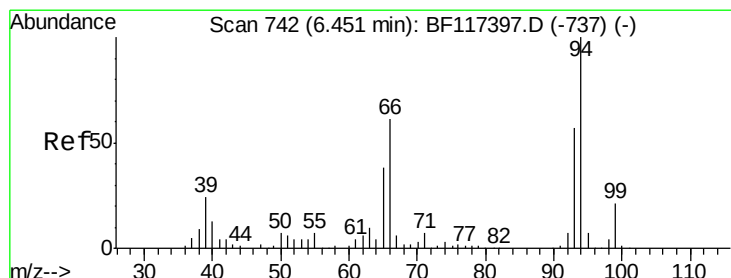
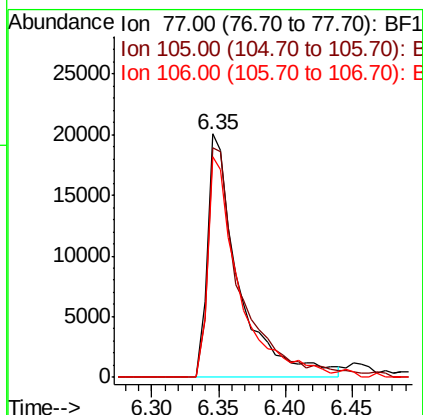
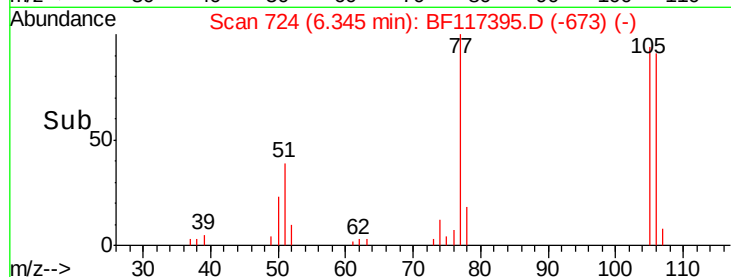
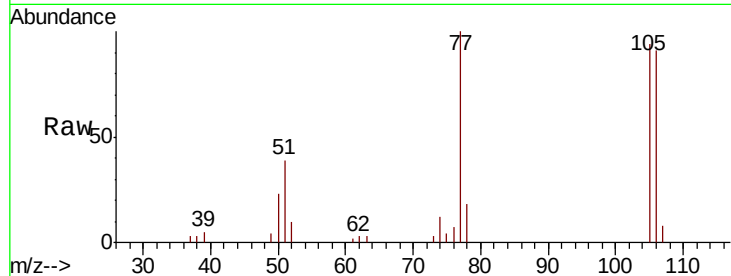
Tot Ion: 77 Resp: 32998

Ion Ratio Lower Upper

77 100

105 94.1 77.9 117.9

106 90.8 77.2 117.2



#10

Phenol

Concen: 10.405 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

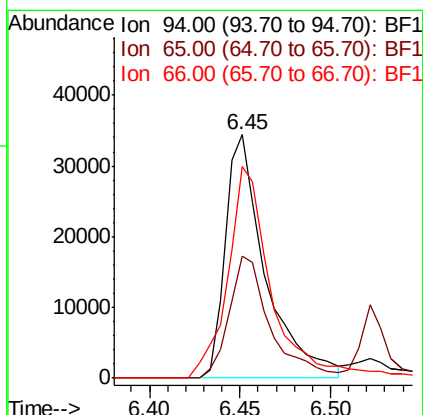
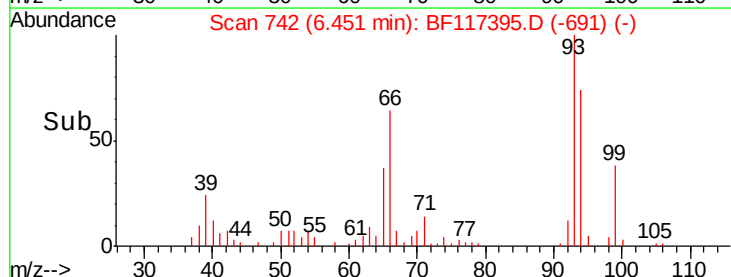
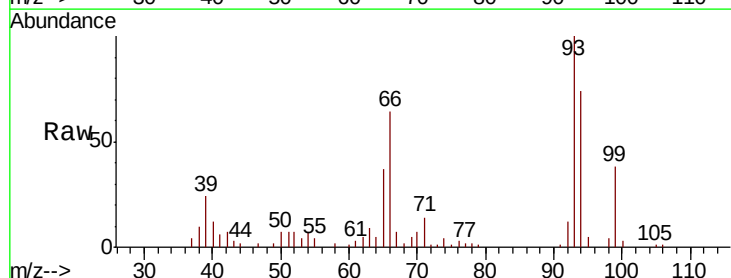
Tgt Ion: 94 Resp: 52755

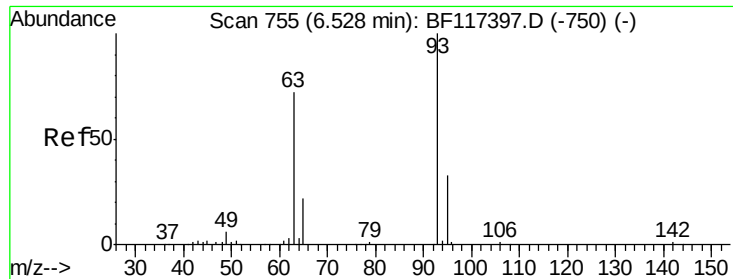
Ion Ratio Lower Upper

94 100

65 50.2 18.2 58.2

66 86.7 41.1 81.1#

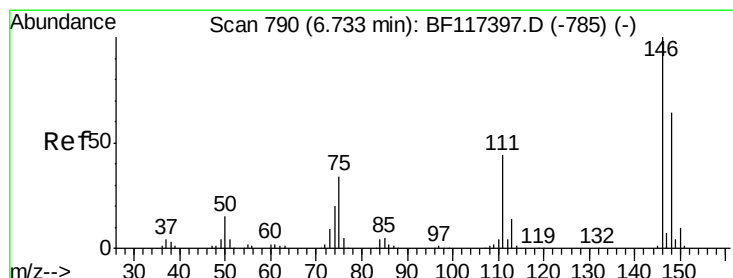
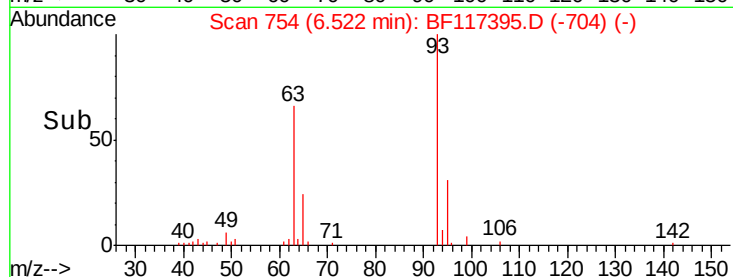
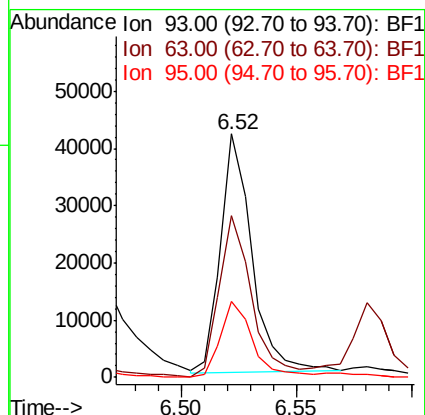
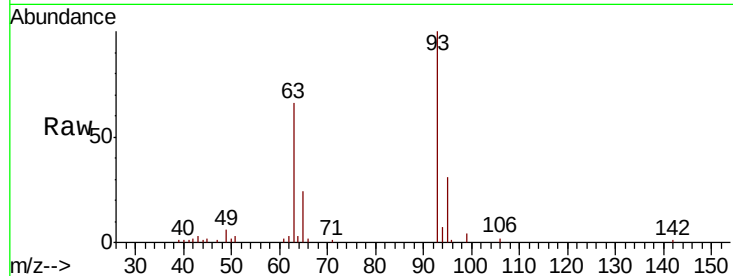




#11
bis(2-Chloroethyl)ether
Concen: 10.544 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

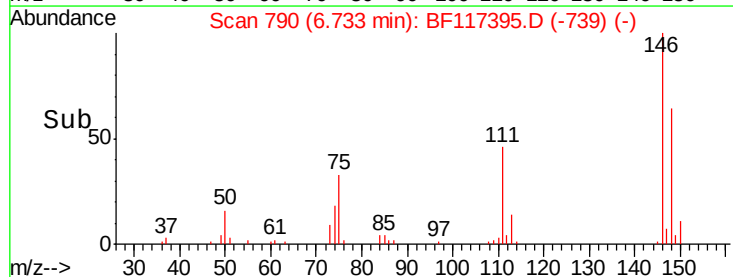
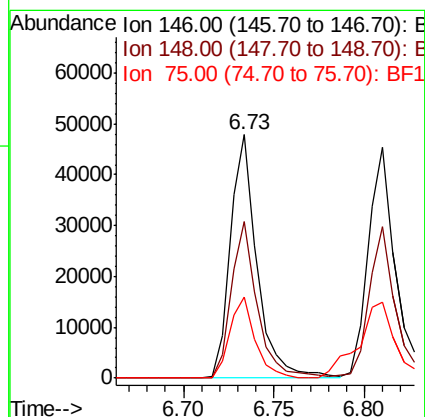
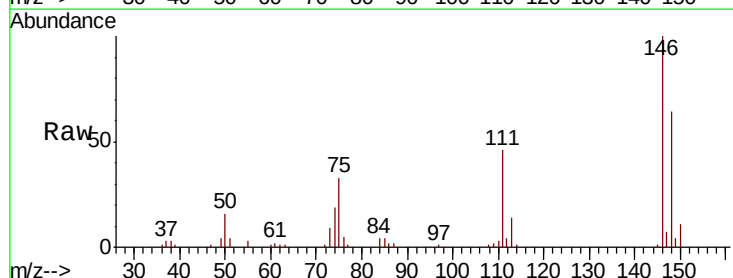
Instrument :
BNA_F
ClientSampled :

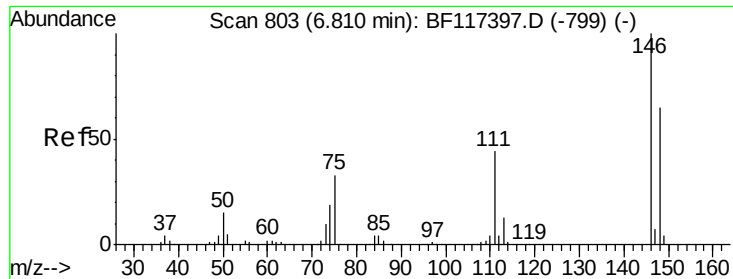
Tot Ion: 93 Resp: 39289
Ion Ratio Lower Upper
93 100
63 66.3 50.9 90.9
95 31.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 11.355 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion: 146 Resp: 48917
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
75 33.5 27.4 41.2

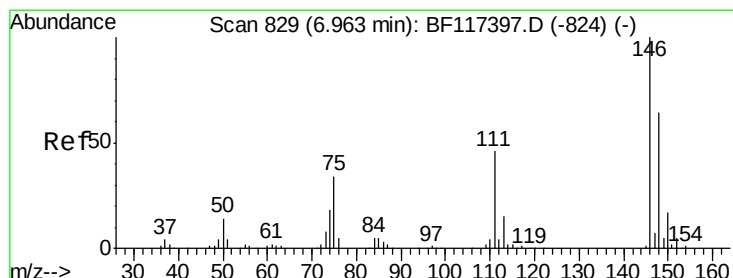
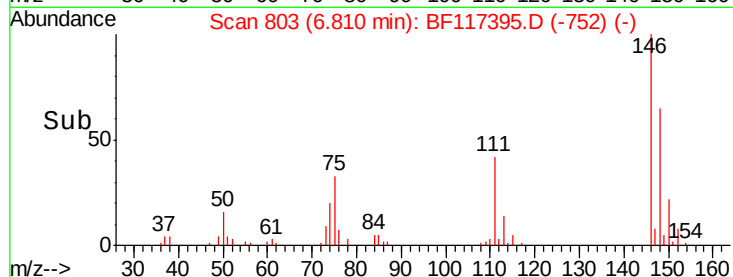
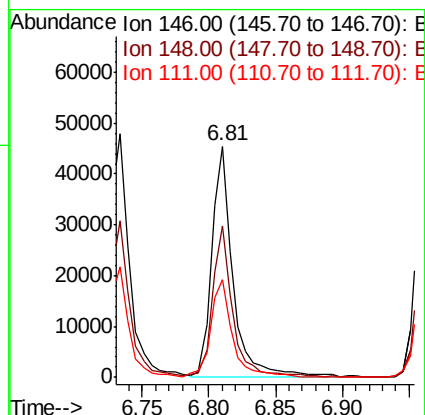
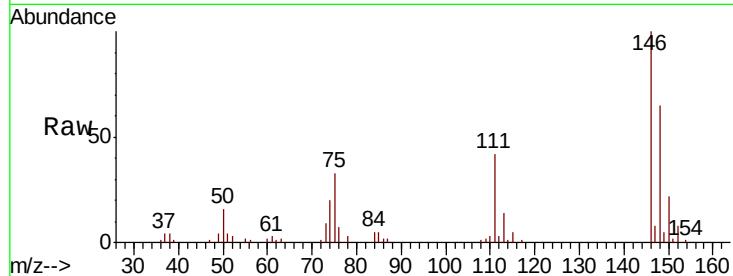




#13
 1,4-Dichlorobenzene
 Concen: 11.568 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

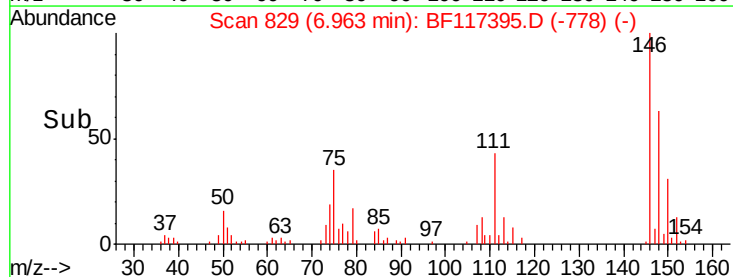
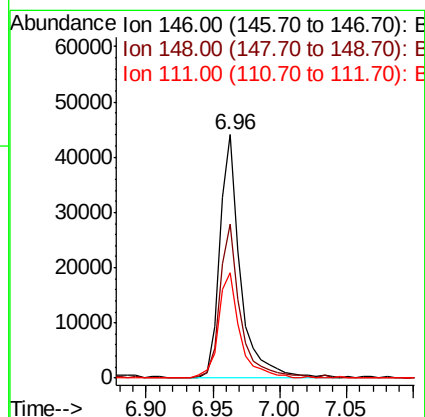
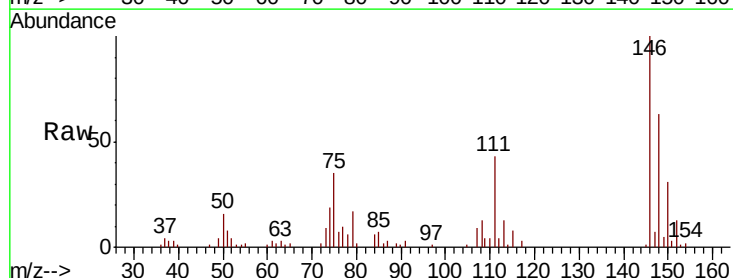
Instrument :
 BNA_F
 ClientSampled :

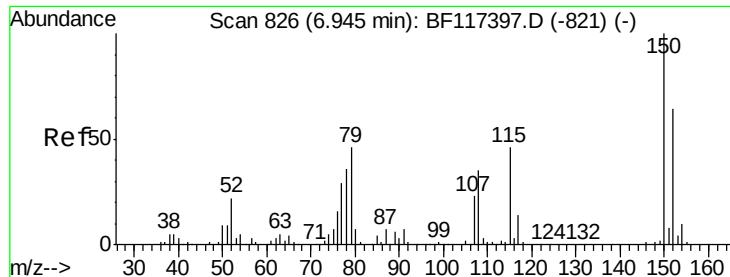
Tot Ion:146 Resp: 50855
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 42.4 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 11.746 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion:146 Resp: 48078
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 43.5 36.5 54.7

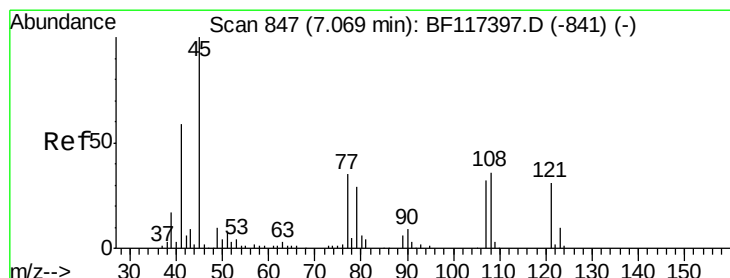
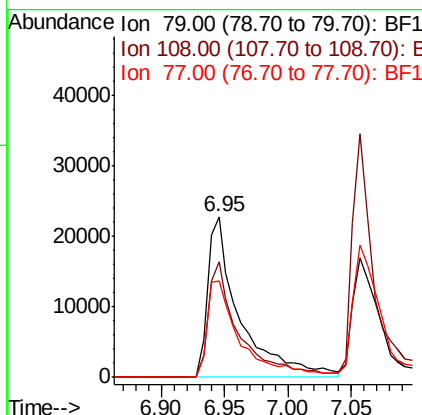
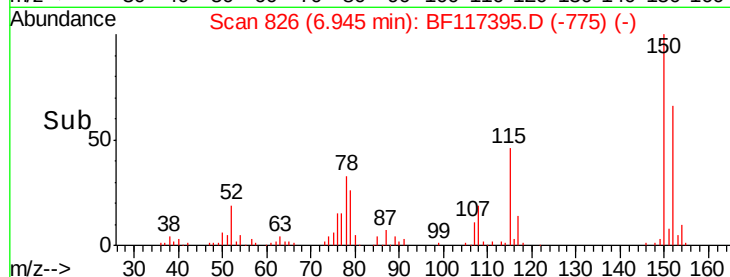
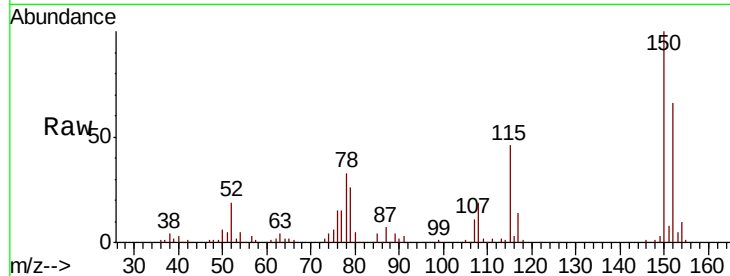




#15
Benzyl Alcohol
Concen: 11.393 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

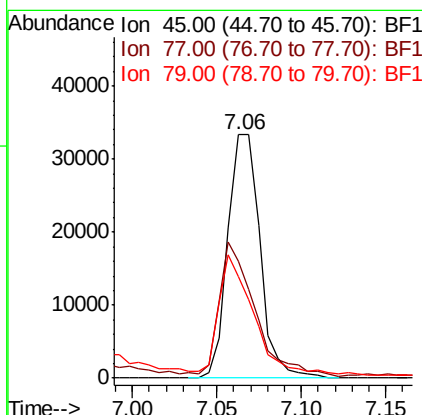
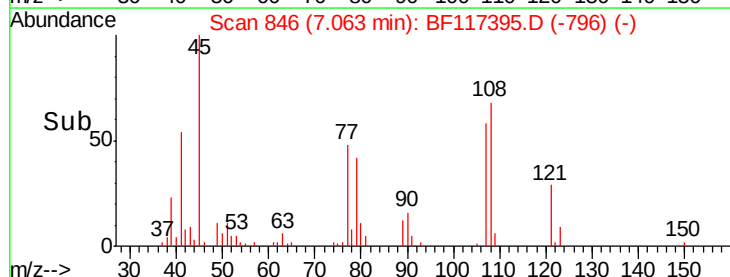
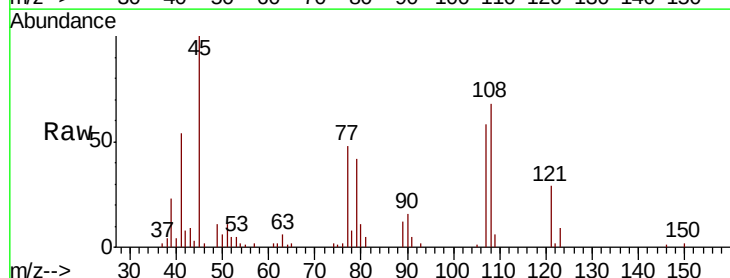
Instrument :
BNA_F
ClientSampled :

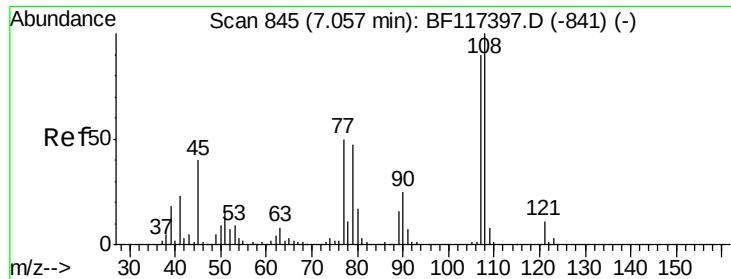
Tot Ion: 79 Resp: 40181
Ion Ratio Lower Upper
79 100
108 71.9 60.4 90.6
77 60.0 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 12.071 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion: 45 Resp: 44441
Ion Ratio Lower Upper
45 100
77 47.8 15.9 55.9
79 41.7 10.7 50.7

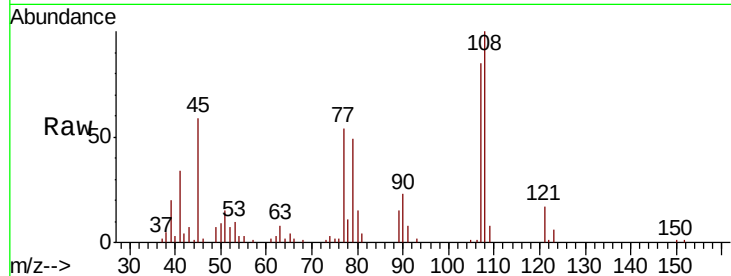




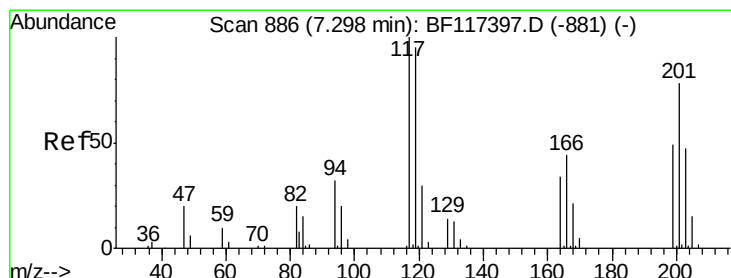
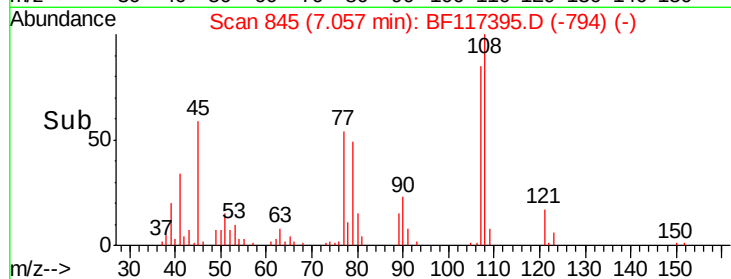
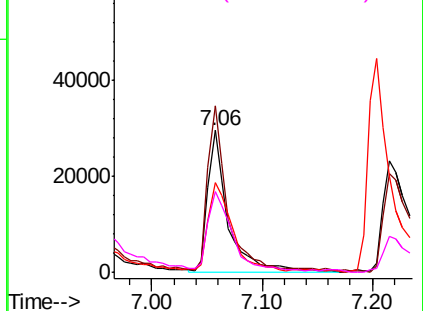
#17
2-Methylphenol
Concen: 11.572 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 37232
Ion Ratio Lower Upper
107 100
108 117.1 89.4 134.2
77 63.4 45.1 67.7
79 57.4 42.3 63.5

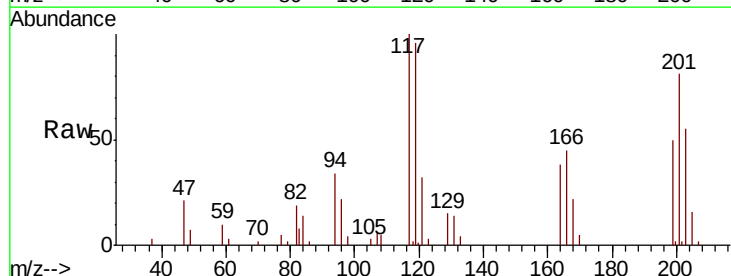


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

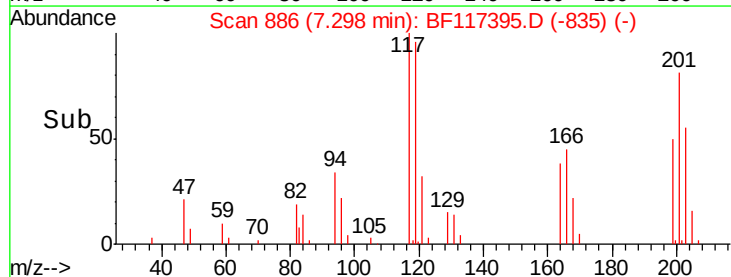
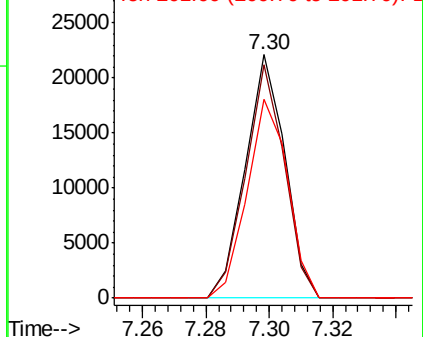


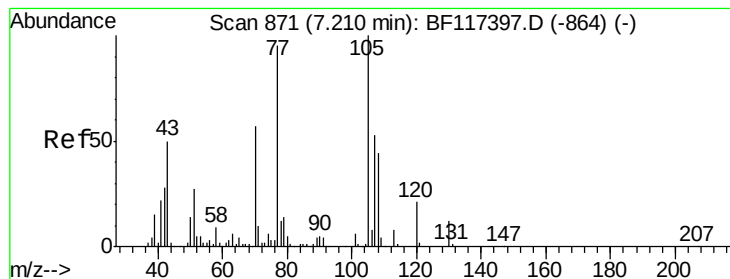
#18
Hexachloroethane
Concen: 11.335 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:117 Resp: 19170
Ion Ratio Lower Upper
117 100
119 95.8 75.7 113.5
201 81.4 62.2 93.4



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: 11.869 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 33240

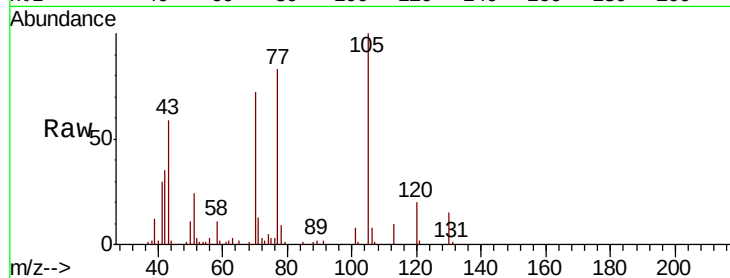
Ion Ratio Lower Upper

70 100

42 48.7 39.8 59.8

101 11.0 8.1 12.1

130 21.0 16.4 24.6

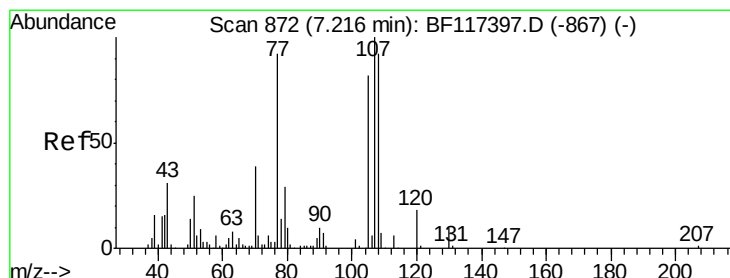
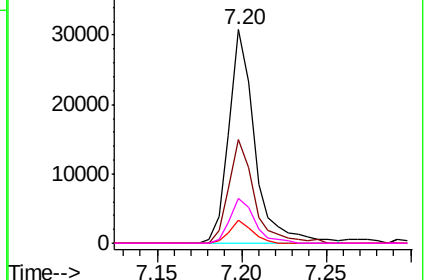
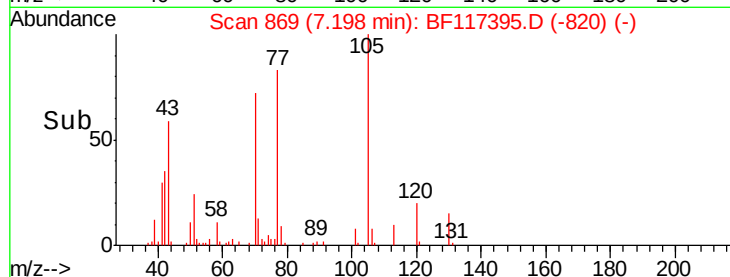


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 12.253 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Tgt Ion:107 Resp: 49108

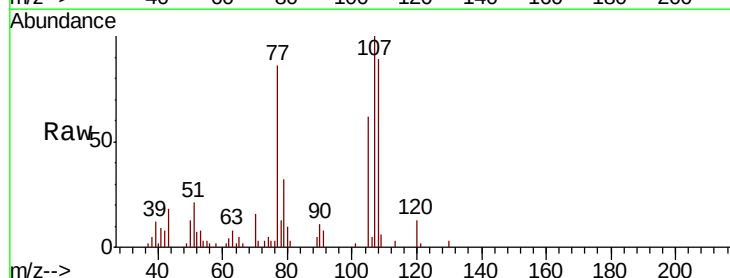
Ion Ratio Lower Upper

107 100

108 88.7 71.8 111.8

77 86.3 72.7 112.7

79 31.9 9.5 49.5

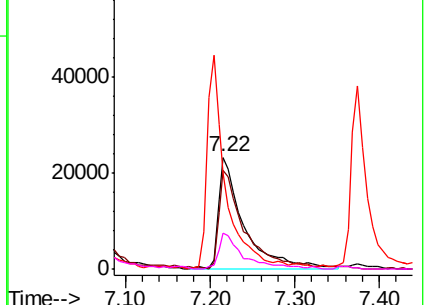
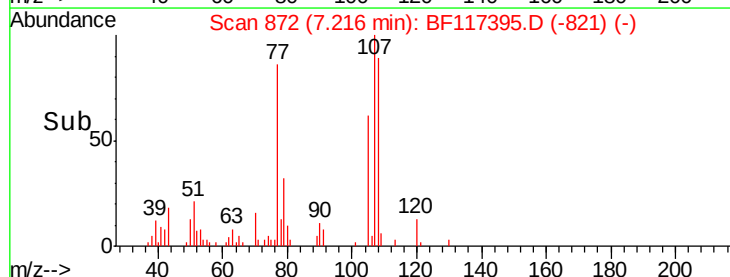


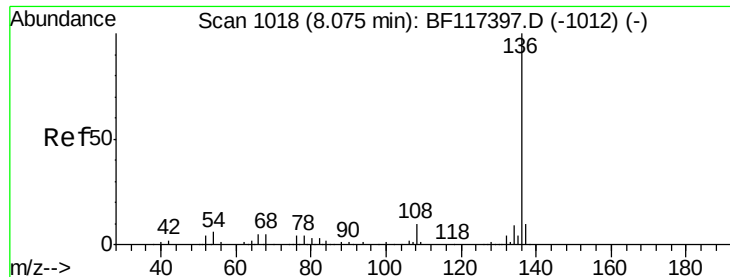
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 238803

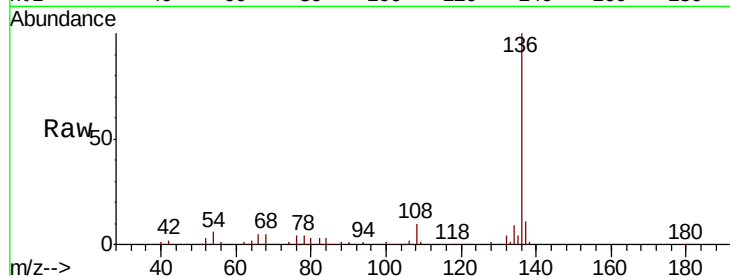
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 5.5 4.6 6.8

68 4.6 3.8 5.8



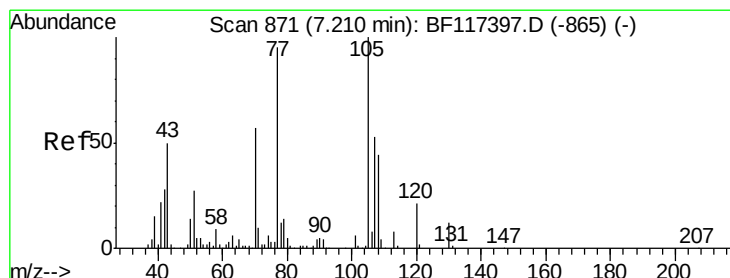
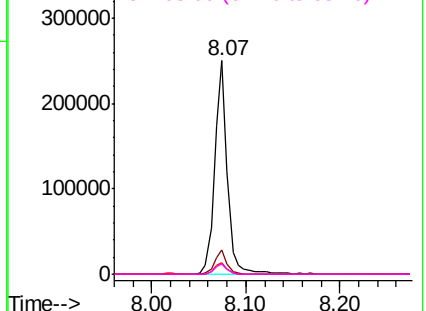
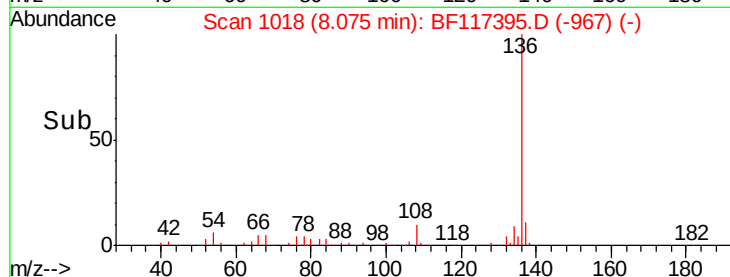
Abundance

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: 11.079 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Tgt Ion:105 Resp: 67221

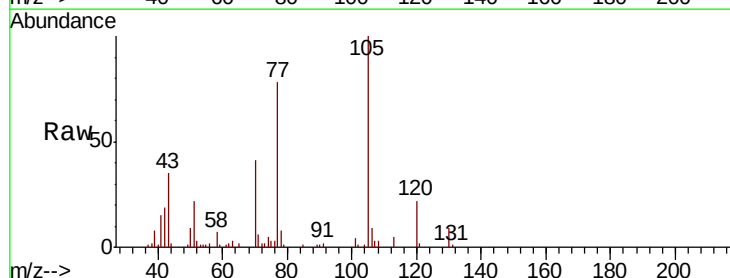
Ion Ratio Lower Upper

105 100

71 6.3 7.8 11.6#

51 22.2 21.5 32.3

120 21.9 16.7 25.1



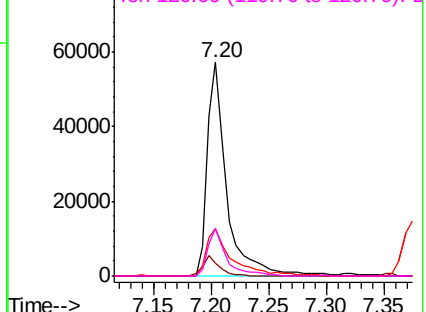
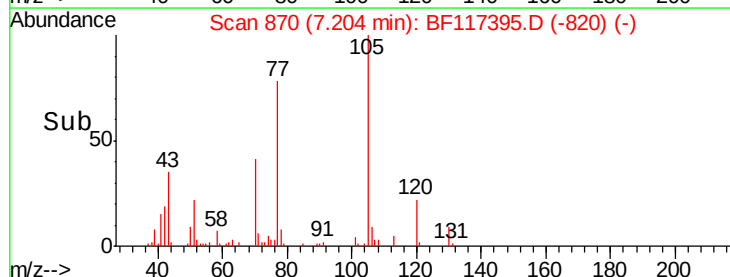
Abundance

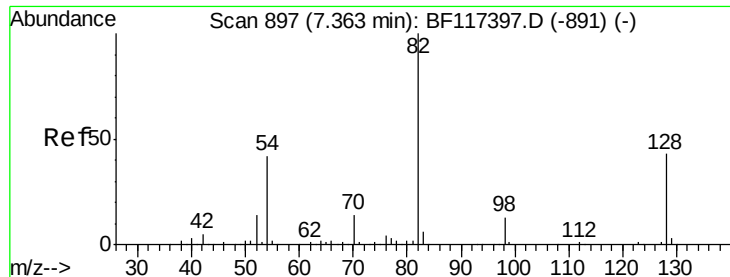
Ion 105.00 (104.70 to 105.70): E

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

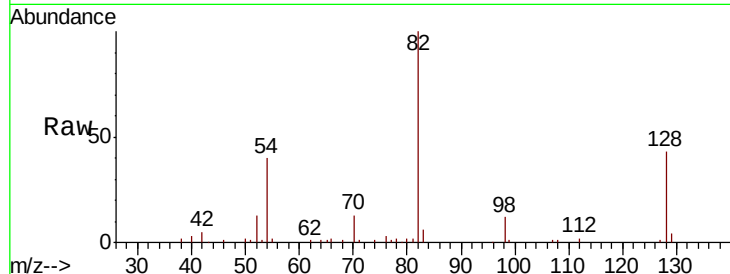




#23
Nitrobenzene-d5
Concen: 22.115 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	100513
Ion Ratio	100	Lower	Upper
128	42.7	34.1	51.1
54	39.8	33.3	49.9

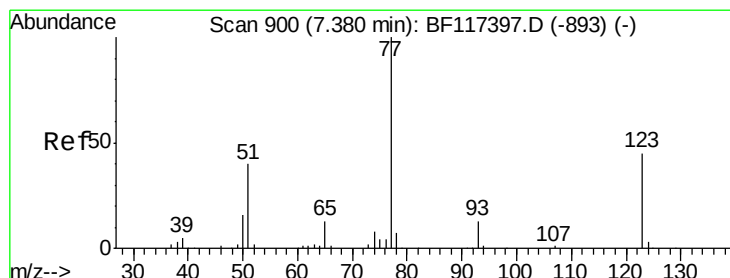
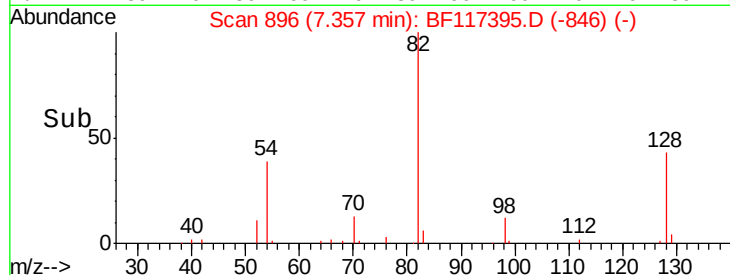
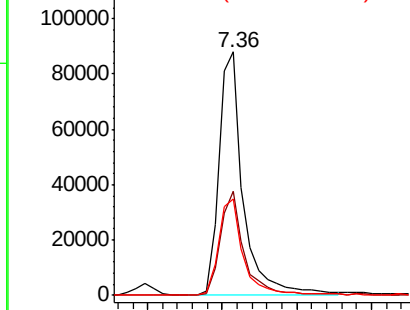


Abundance

Ion 82.00 (81.70 to 82.70): BF1

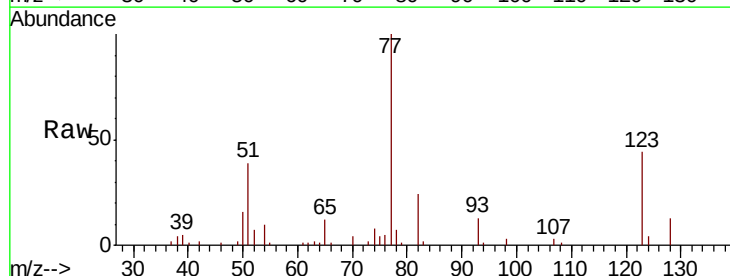
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 11.934 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion	77	Resp	53563
Ion Ratio	100	Lower	Upper
123	44.3	35.8	53.8
65	12.4	10.1	15.1

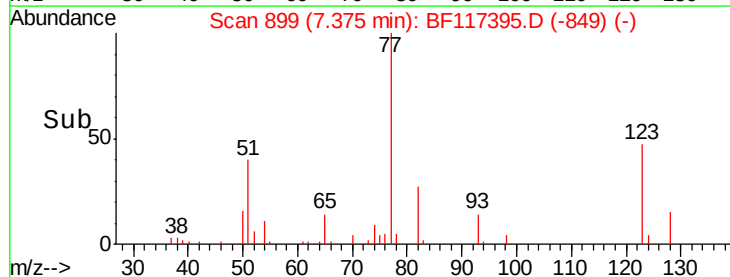
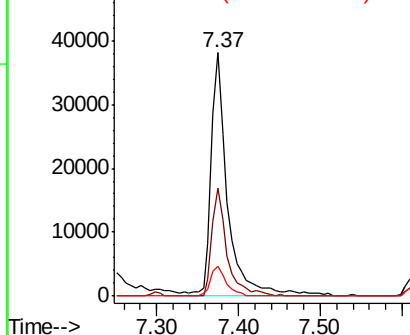


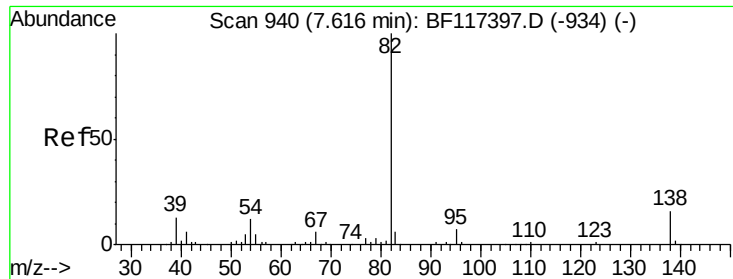
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

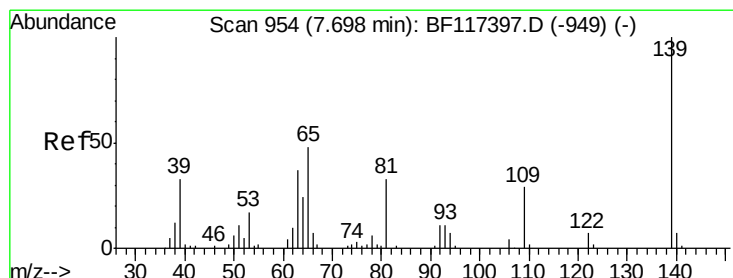
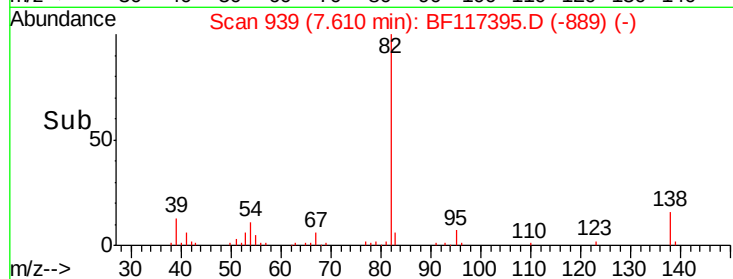
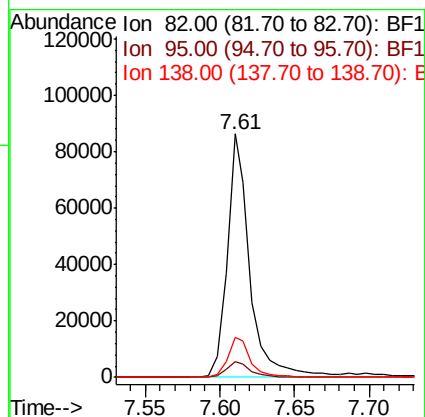
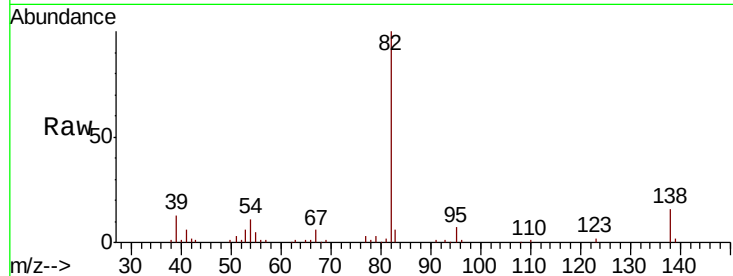




#25
Isophorone
Concen: 11.456 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

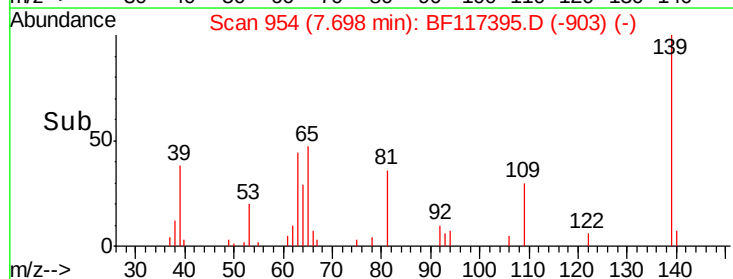
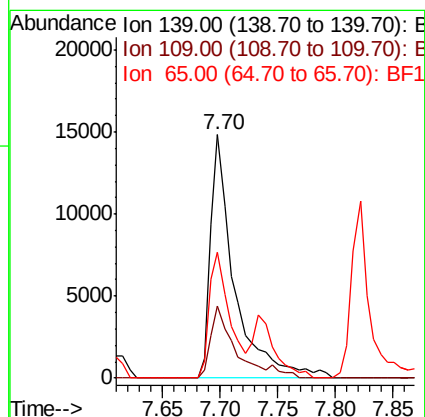
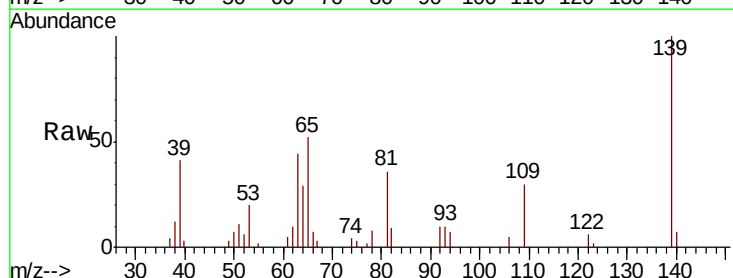
Instrument :
BNA_F
ClientSampled :

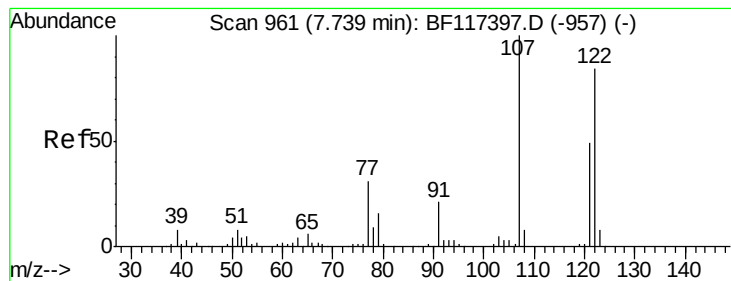
Tot Ion: 82 Resp: 92187
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 16.5 13.0 19.4



#26
2-Nitrophenol
Concen: 11.055 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:139 Resp: 21312
Ion Ratio Lower Upper
139 100
109 29.5 23.1 34.7
65 51.5 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 11.659 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

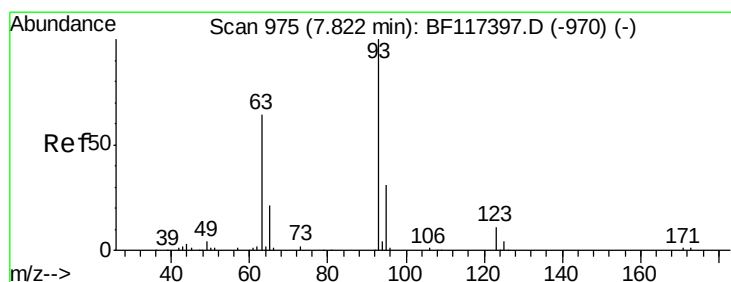
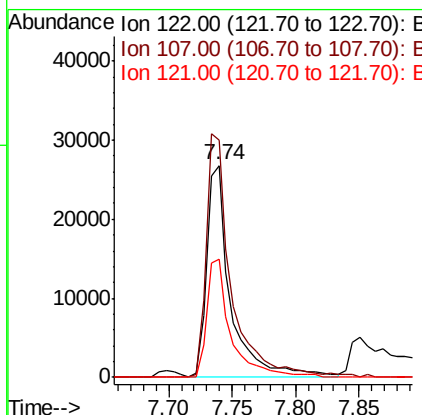
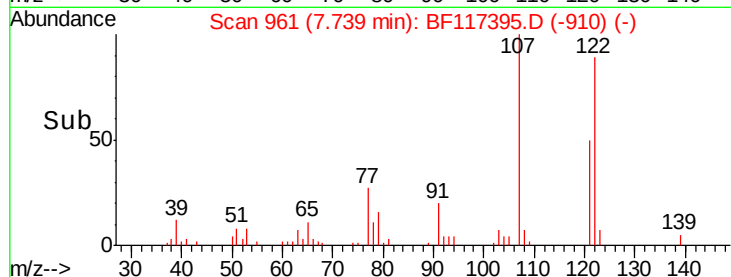
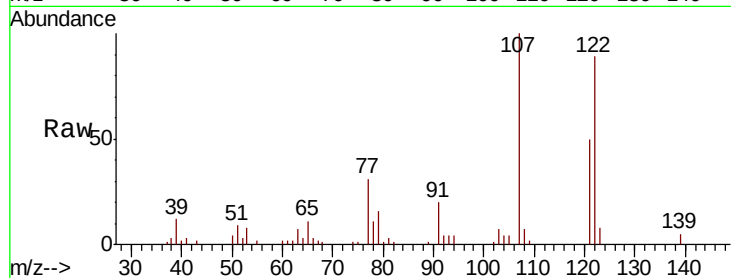
Tot Ion:122 Resp: 35645

Ion Ratio Lower Upper

122 100

107 112.1 95.0 142.6

121 55.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 11.543 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

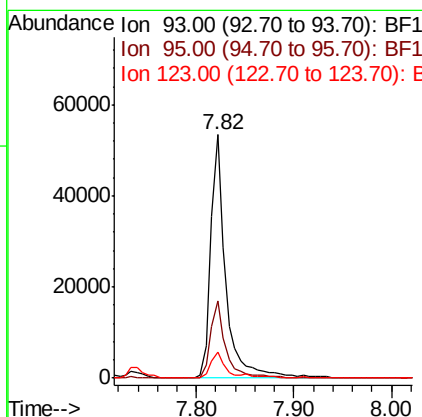
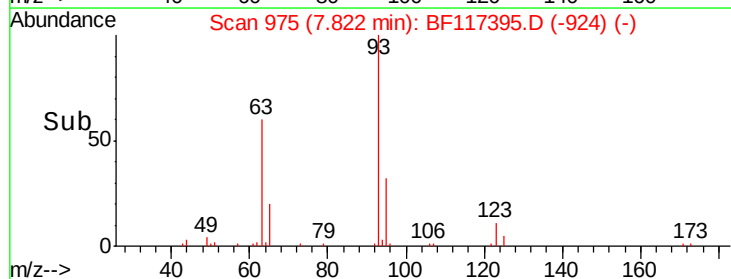
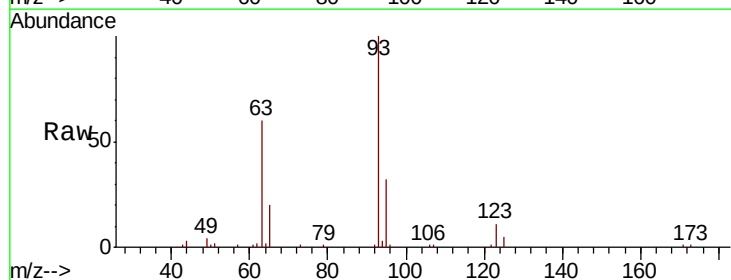
Tgt Ion: 93 Resp: 57232

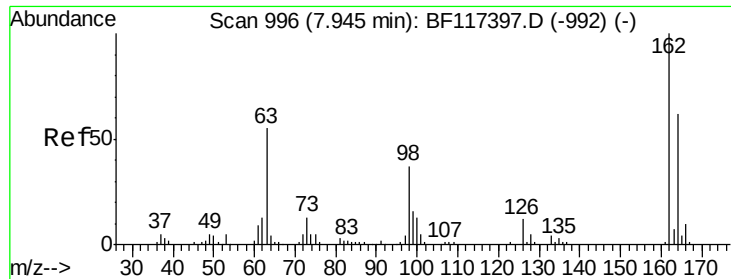
Ion Ratio Lower Upper

93 100

95 31.6 25.1 37.7

123 10.8 8.6 12.8

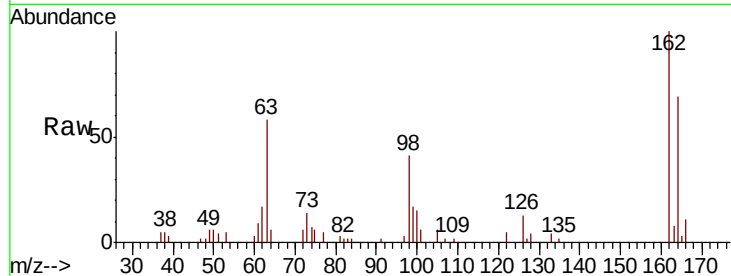




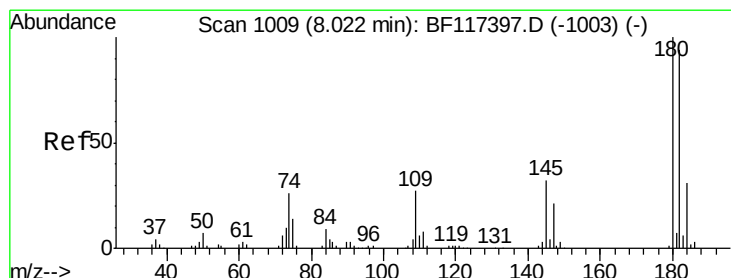
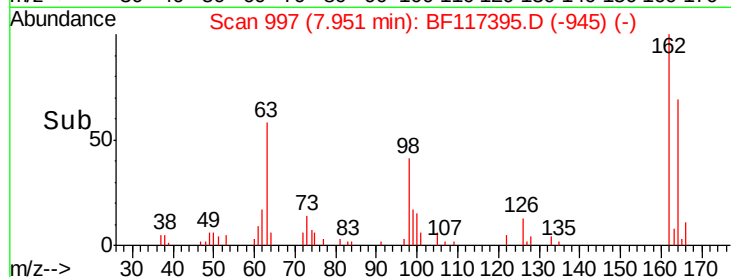
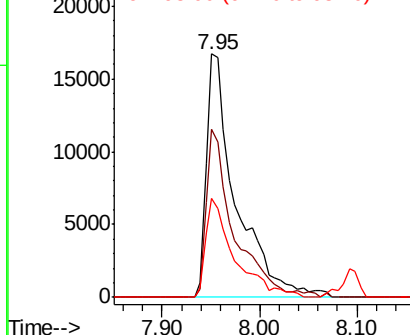
#29
2,4-Dichlorophenol
Concen: 10.947 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 35068
Ion Ratio Lower Upper
162 100
164 69.3 42.2 82.2
98 40.6 17.4 57.4

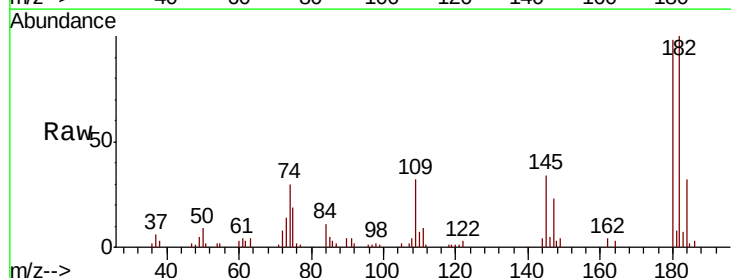


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

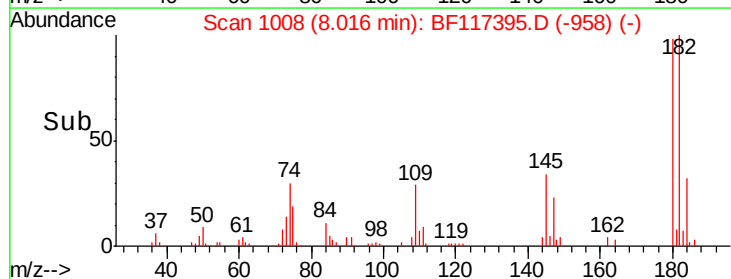
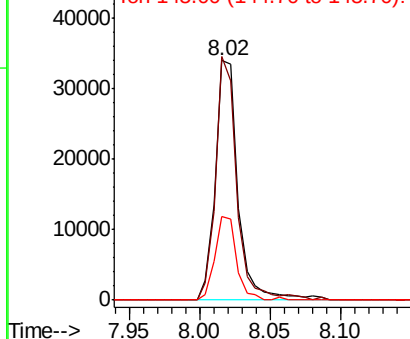


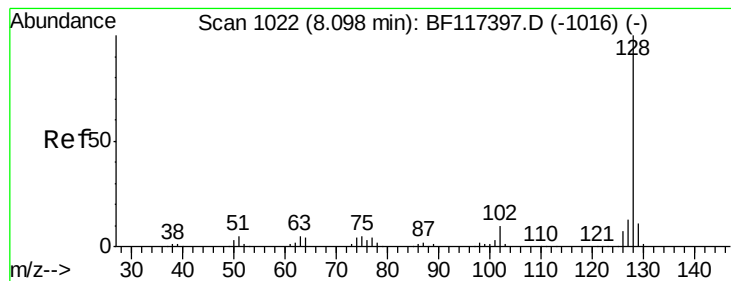
#30
1,2,4-Trichlorobenzene
Concen: 11.064 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:180 Resp: 38291
Ion Ratio Lower Upper
180 100
182 101.8 75.4 113.2
145 35.0 25.5 38.3



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





#31

Naphthalene

Concen: 11.406 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

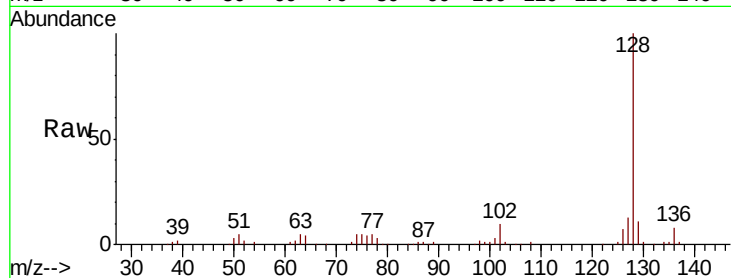
Tot Ion:128 Resp: 130992

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

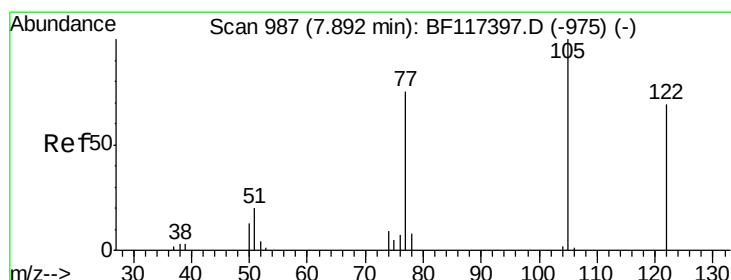
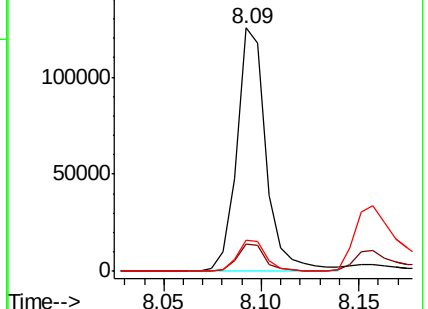
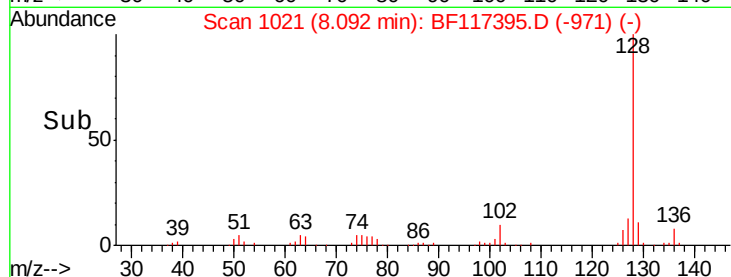
127 12.6 10.4 15.6



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: 6.162 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

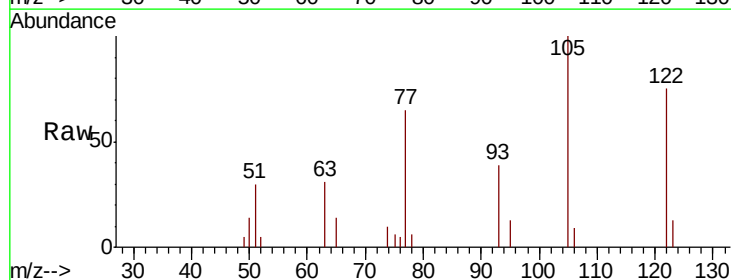
Tgt Ion:122 Resp: 13250

Ion Ratio Lower Upper

122 100

105 132.7 121.5 161.5

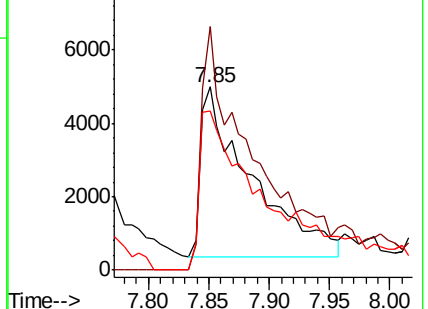
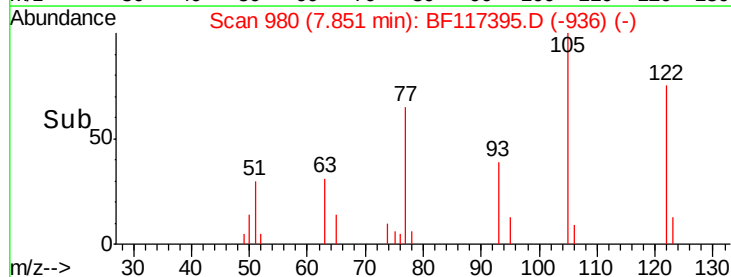
77 86.7 88.3 128.3#

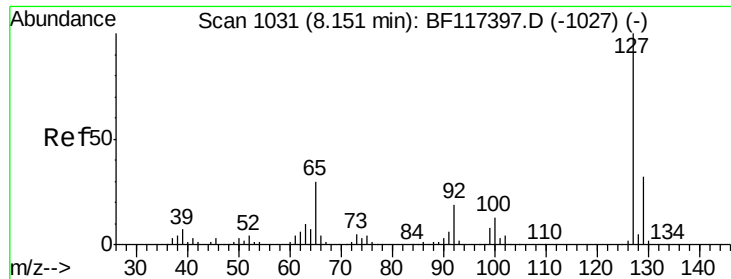


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

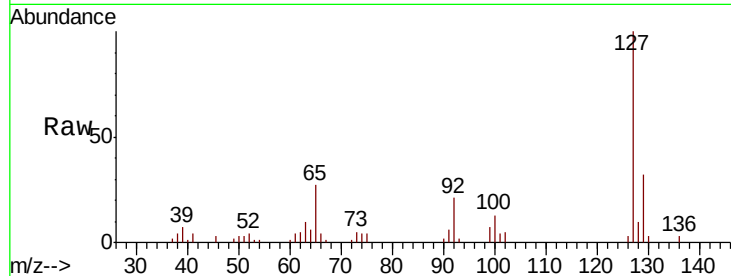




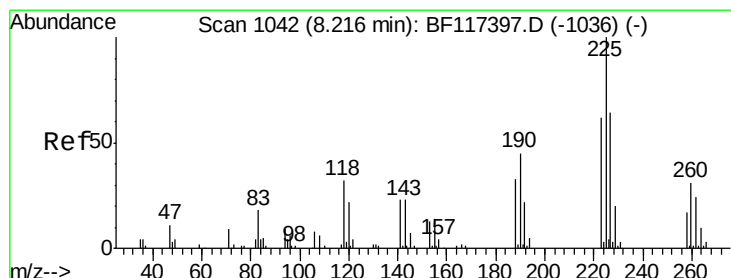
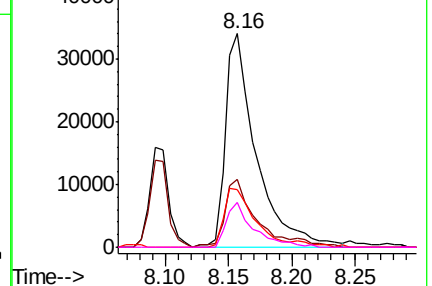
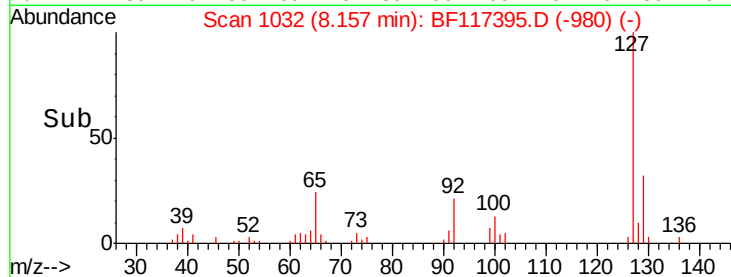
#33
4-Chloroaniline
Concen: 11.289 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	57507
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.4 38.0
65	26.9	23.8 35.8
92	21.1	15.3 22.9

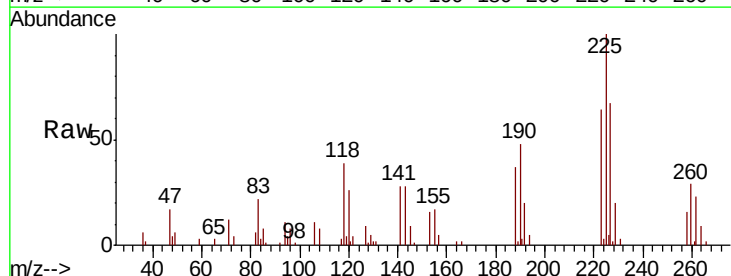


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

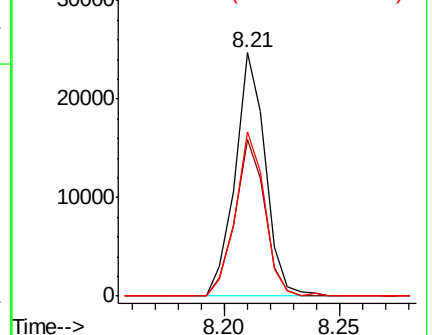
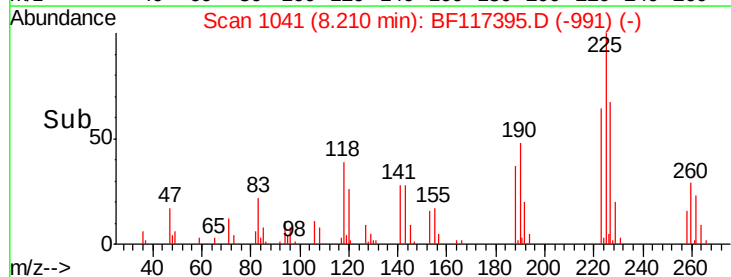


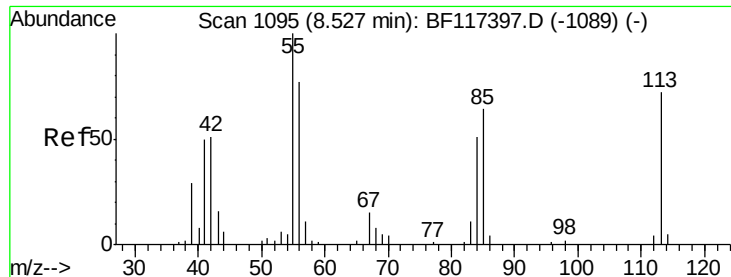
#34
Hexachlorobutadiene
Concen: 11.462 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:225	Resp:	22506
Ion Ratio	Lower	Upper
225	100	
223	64.4	49.7 74.5
227	67.5	50.9 76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

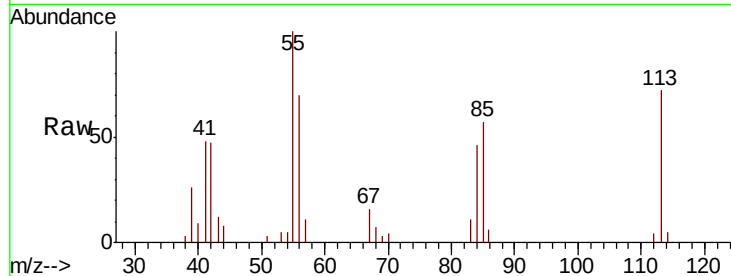




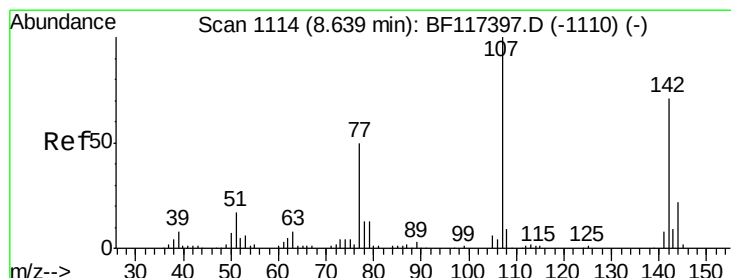
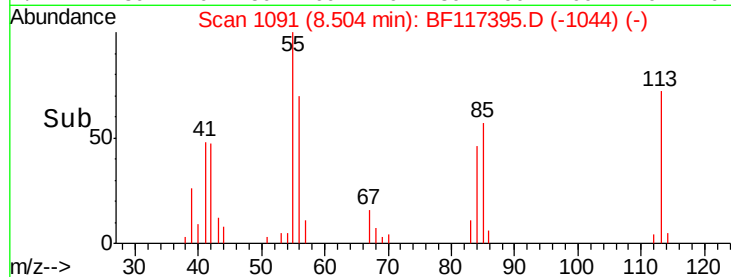
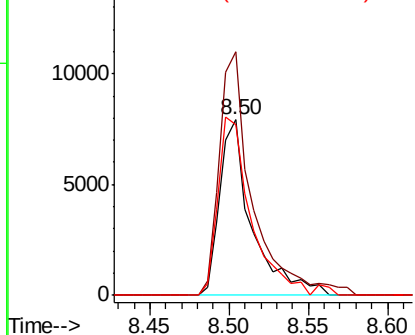
#35
 Caprolactam
 Concen: 10.276 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 11142
 Ion Ratio Lower Upper
 113 100
 55 138.7 118.5 158.5
 56 97.2 86.7 126.7

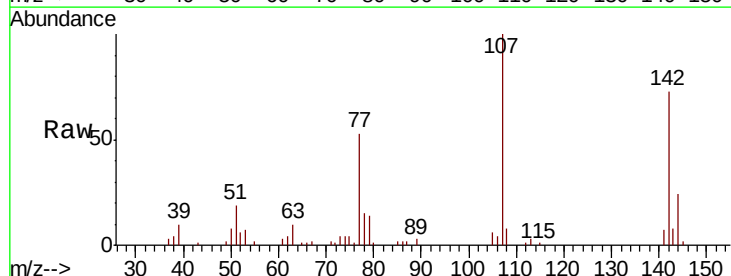


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

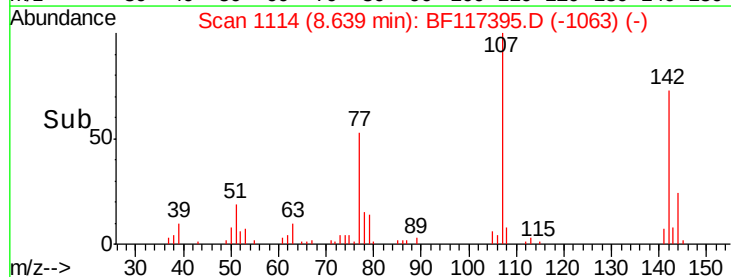
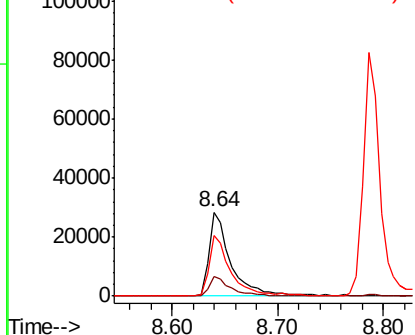


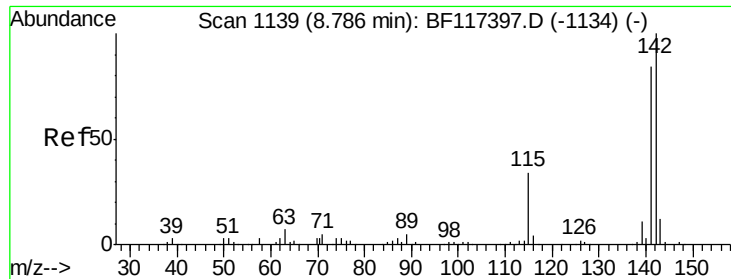
#36
 4-Chloro-3-methylphenol
 Concen: 11.001 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion:107 Resp: 41093
 Ion Ratio Lower Upper
 107 100
 144 24.1 17.9 26.9
 142 72.8 56.9 85.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

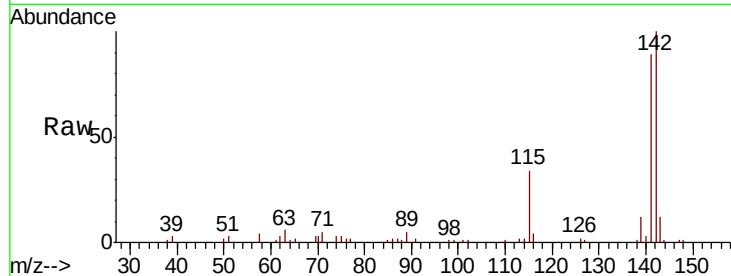




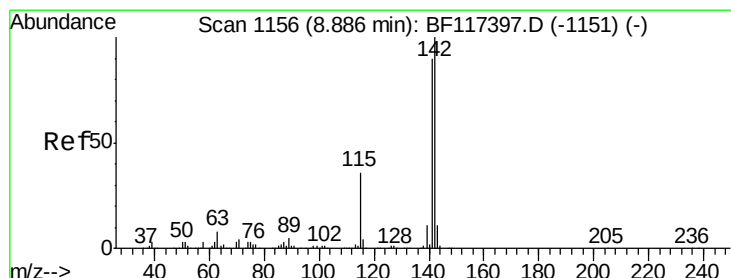
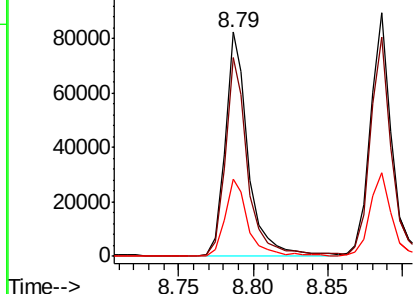
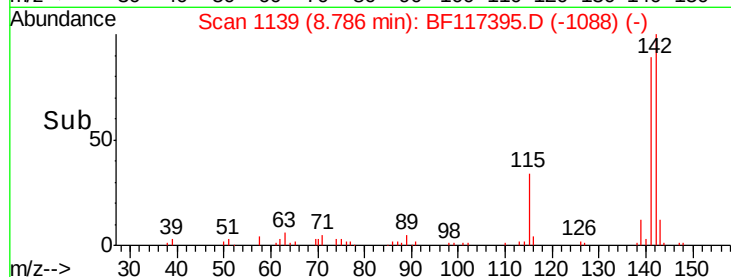
#37
 2-Methylnaphthalene
 Concen: 11.618 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.2	100.8
115	34.3	26.9	40.3

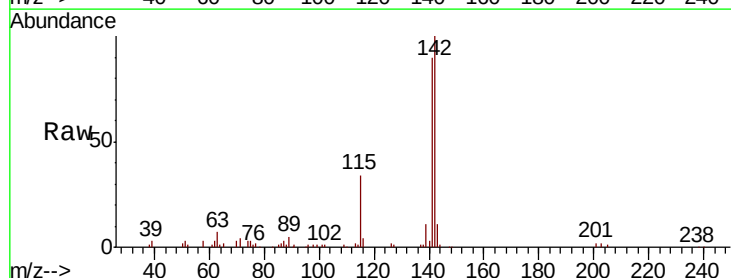


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

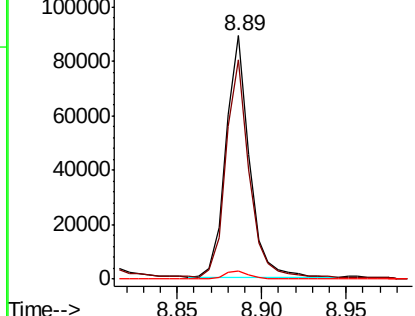
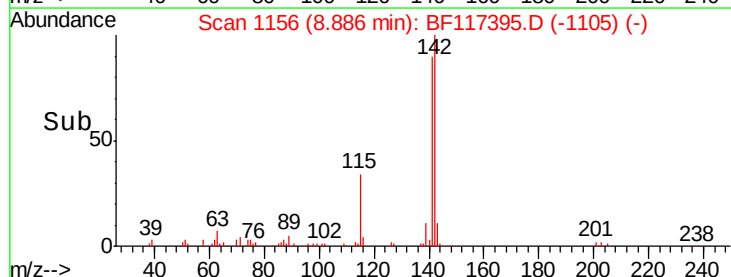


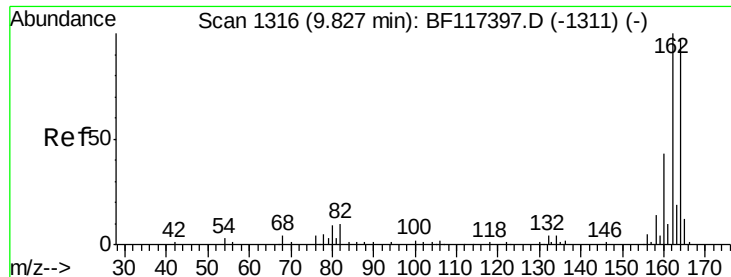
#38
 1-Methylnaphthalene
 Concen: 11.874 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8
116	3.6	2.9	4.3



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

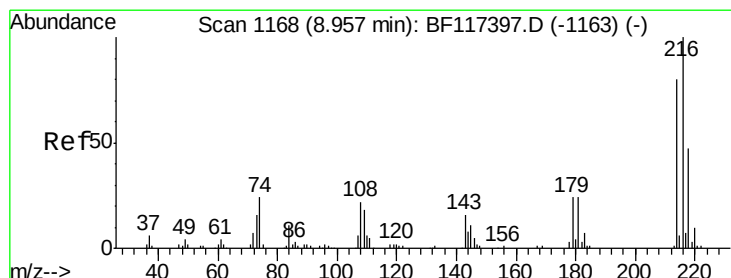
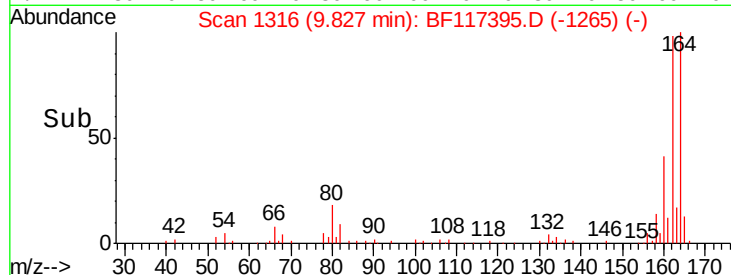
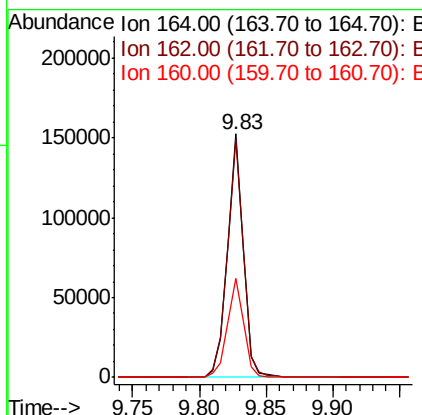
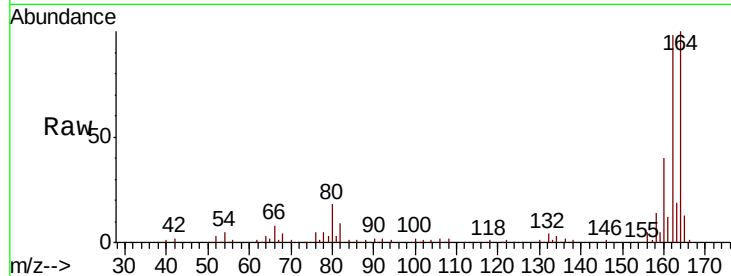




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

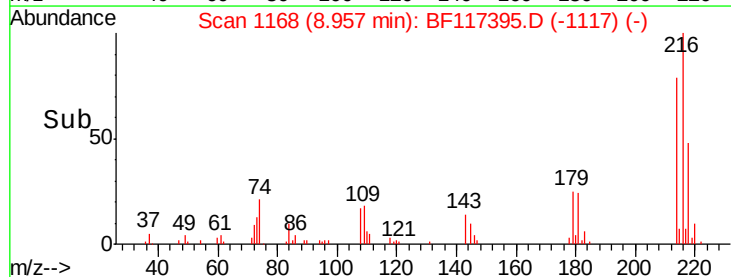
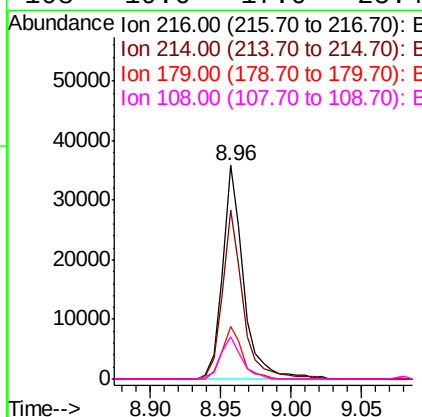
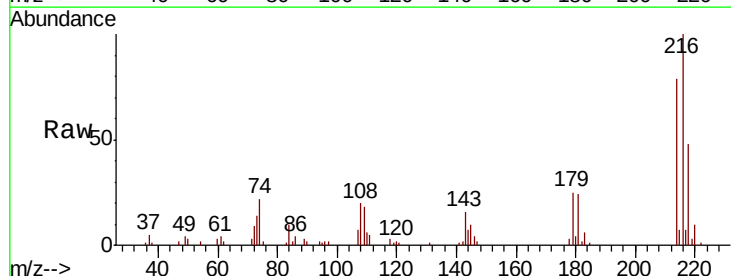
Instrument :
 BNA_F
 ClientSampleId :

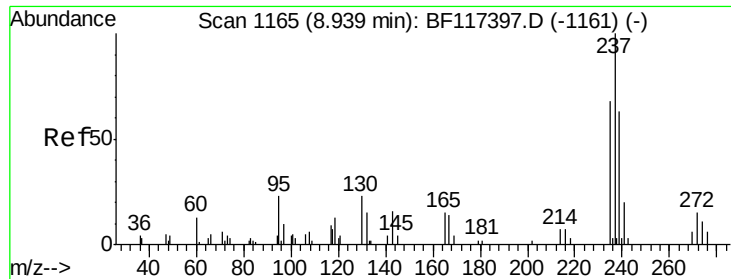
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.4	123.6
160	40.5	35.4	53.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.124 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.8	95.6
179	23.4	18.6	28.0
108	19.6	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 0.974 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

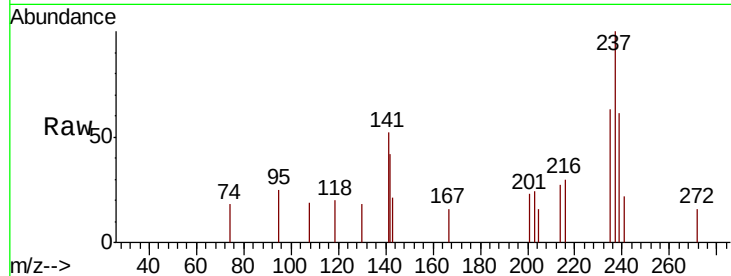
Tot Ion:237 Resp: 1219

Ion Ratio Lower Upper

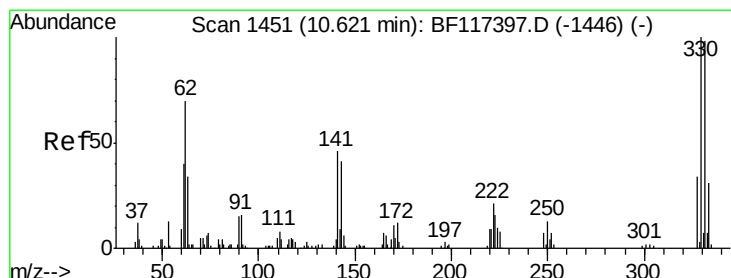
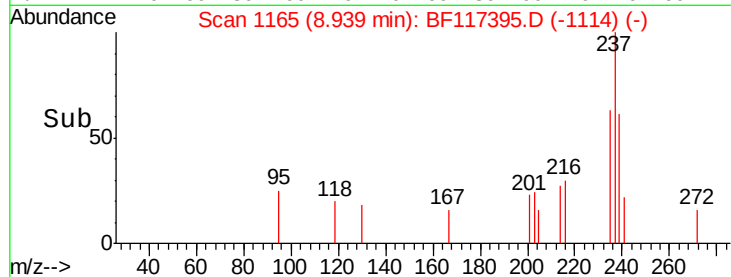
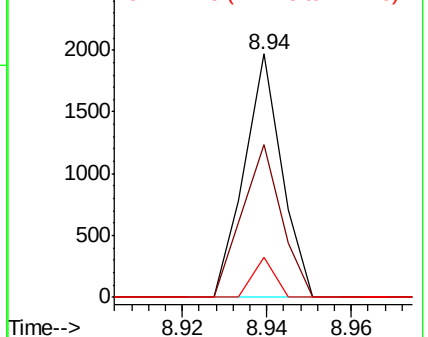
237 100

235 62.7 47.8 87.8

272 16.4 0.0 35.0



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: 20.984 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

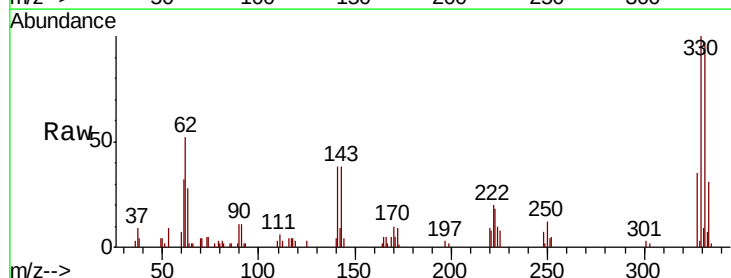
Tgt Ion:330 Resp: 22607

Ion Ratio Lower Upper

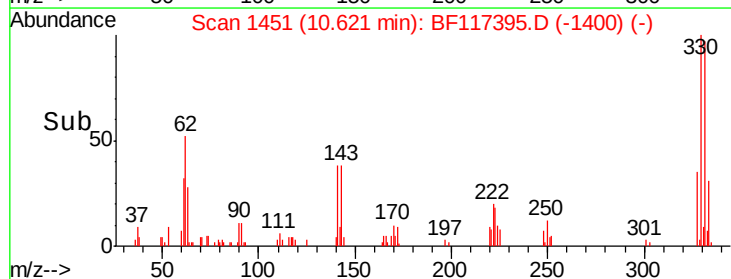
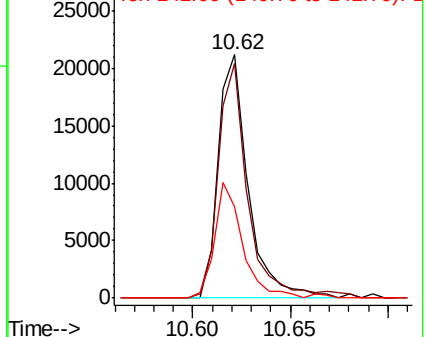
330 100

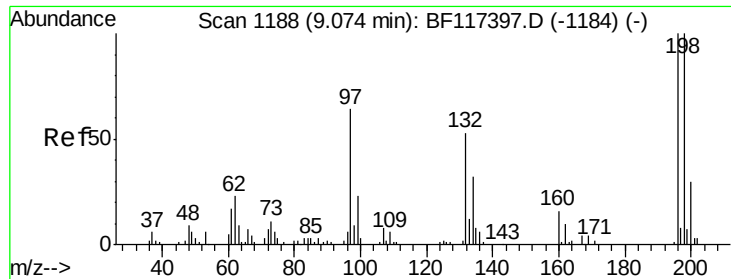
332 95.2 75.0 112.6

141 44.0 34.2 51.4



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

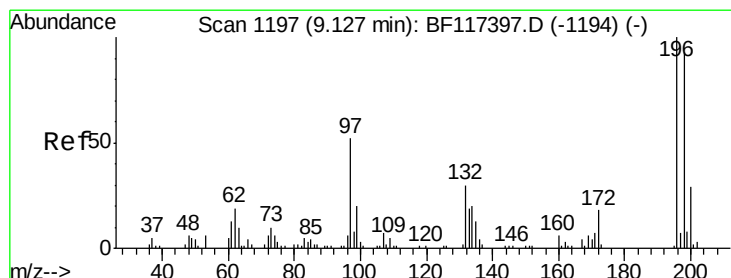
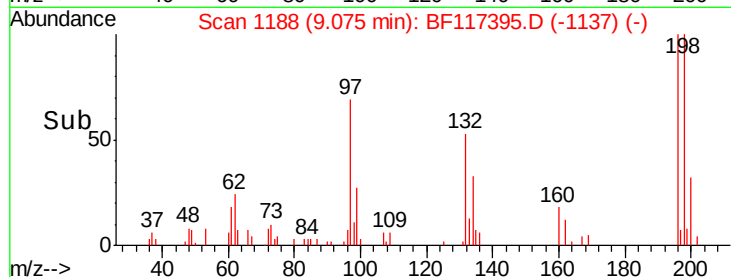
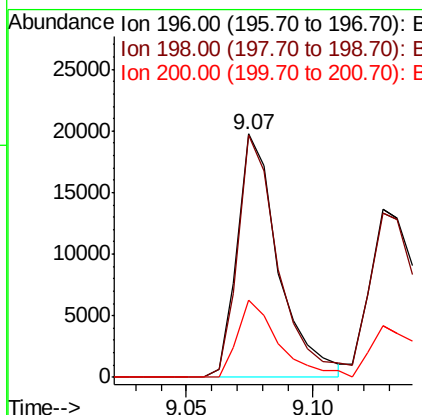
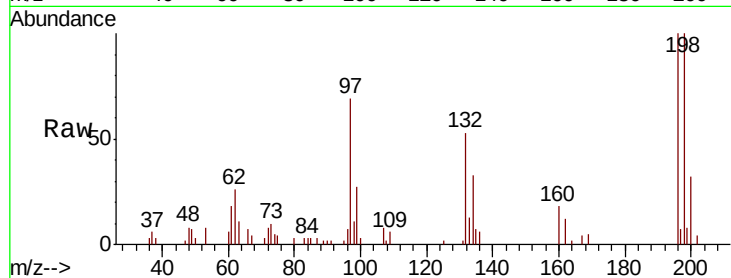




#43
 2,4,6-Trichlorophenol
 Concen: 9.942 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

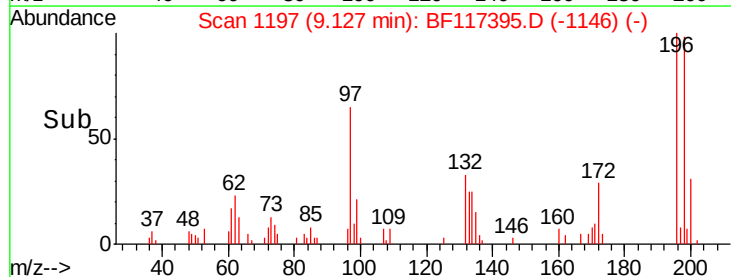
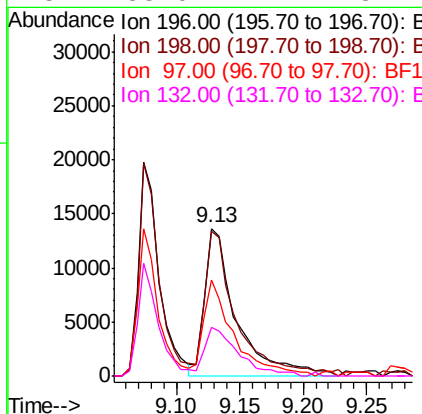
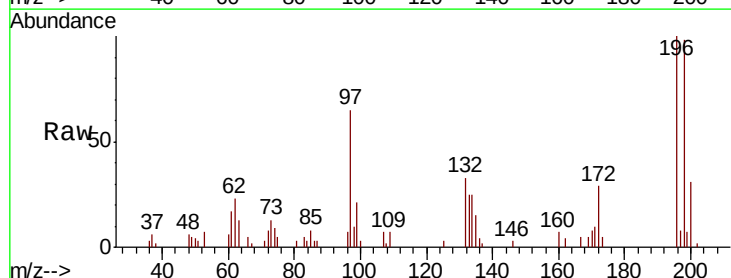
Instrument :
 BNA_F
 ClientSampled :

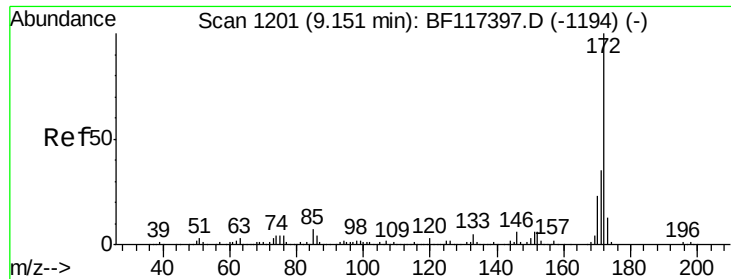
Tot Ion:	196	Resp:	22458
Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.8	119.6
200	31.9	23.7	35.5



#44
 2,4,5-Trichlorophenol
 Concen: 9.928 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion:	196	Resp:	23961
Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.9	112.3
97	65.1	42.5	63.7#
132	33.0	24.7	37.1

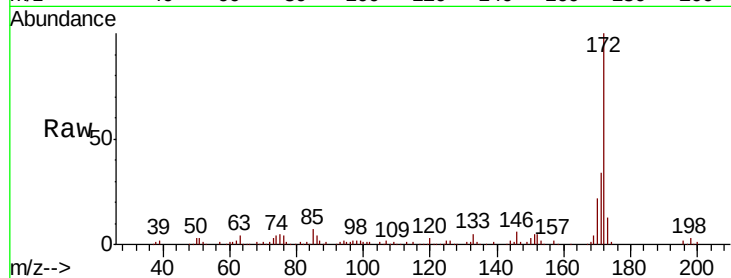




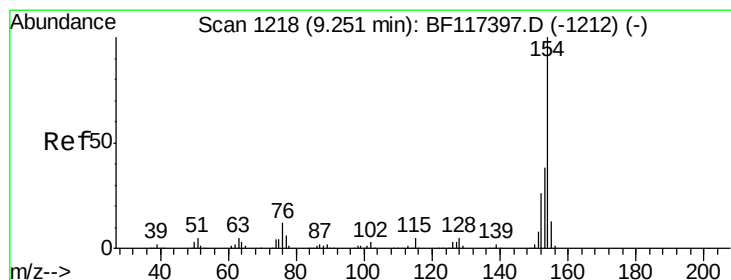
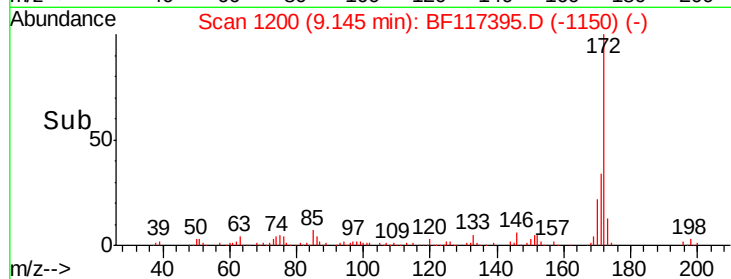
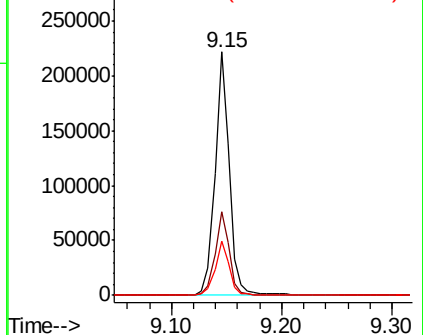
#45
2-Fluorobiphenyl
Concen: 23.945 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 197404
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 22.1 18.2 27.2

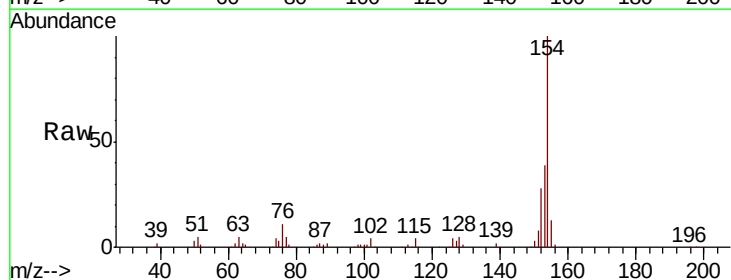


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

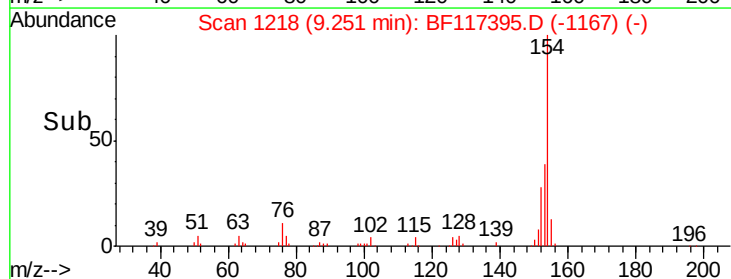
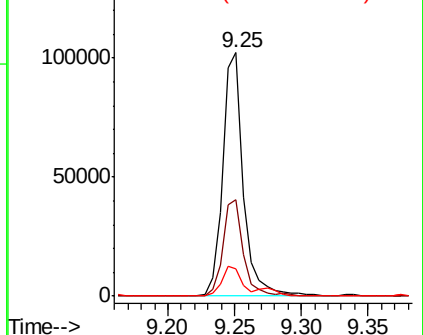


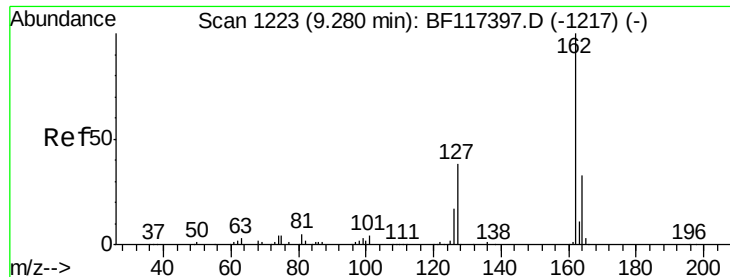
#46
1,1'-Biphenyl
Concen: 11.107 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:154 Resp: 112304
Ion Ratio Lower Upper
154 100
153 39.5 18.3 58.3
76 11.5 0.0 32.3



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





#47

2-Chloronaphthalene

Concen: 11.228 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

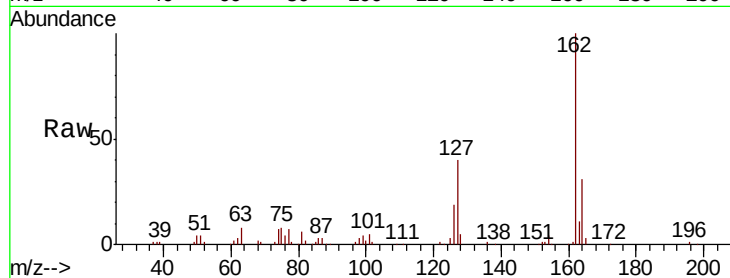
Tot Ion:162 Resp: 89594

Ion Ratio Lower Upper

162 100

127 39.8 32.6 48.8

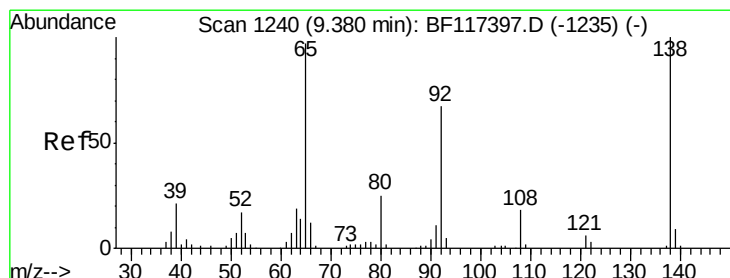
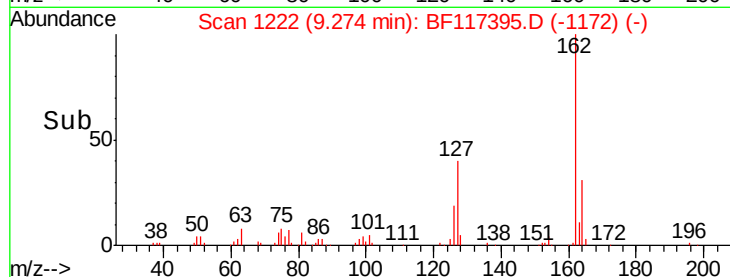
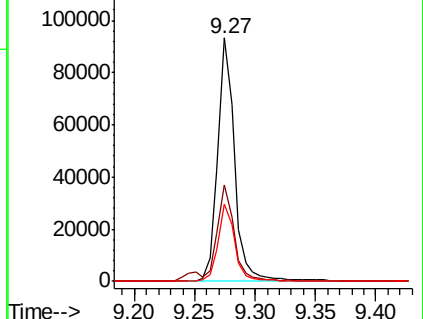
164 31.5 26.2 39.4



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: 10.733 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

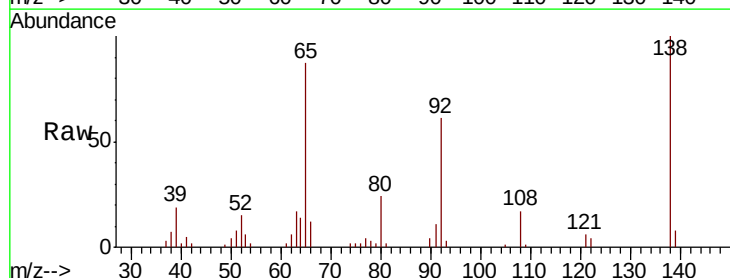
Tgt Ion: 65 Resp: 27471

Ion Ratio Lower Upper

65 100

92 69.9 55.4 83.0

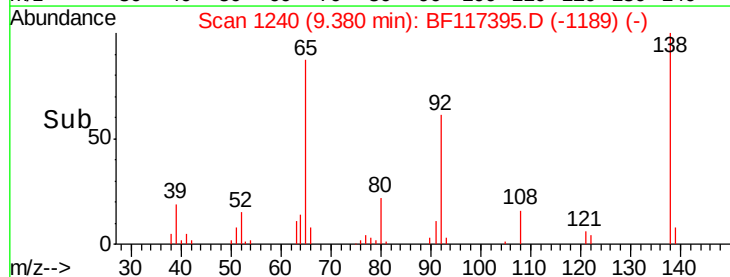
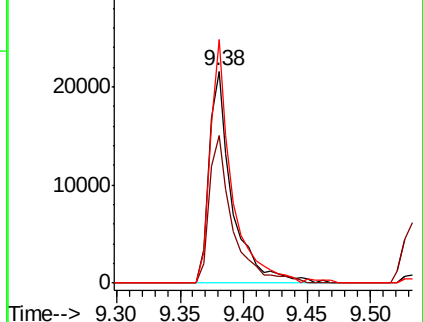
138 114.8 82.6 124.0

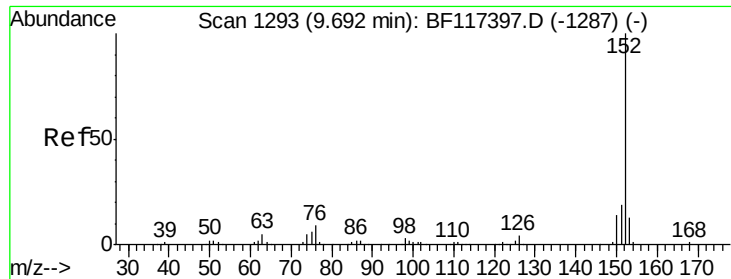


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 11.102 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

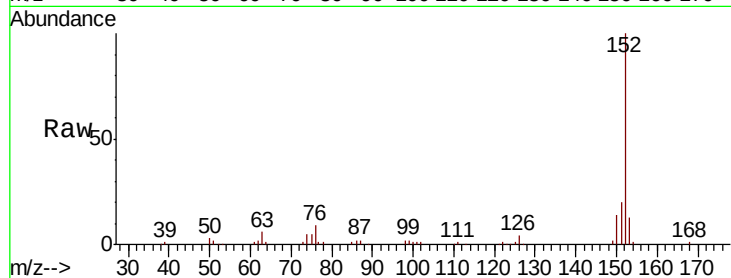
Tot Ion:152 Resp: 132714

Ion Ratio Lower Upper

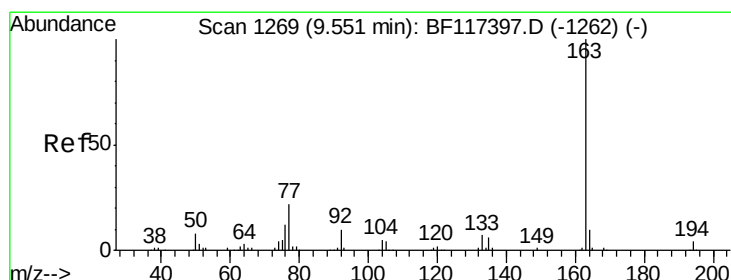
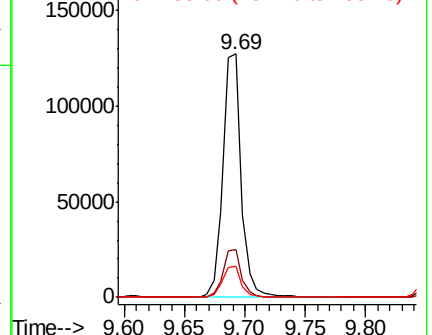
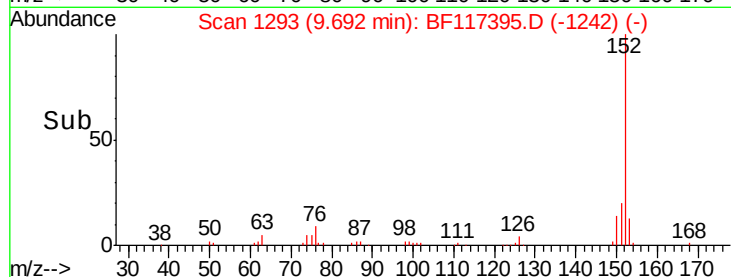
152 100

151 19.5 15.5 23.3

153 12.6 10.6 16.0



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



#50

Dimethylphthalate

Concen: 11.157 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

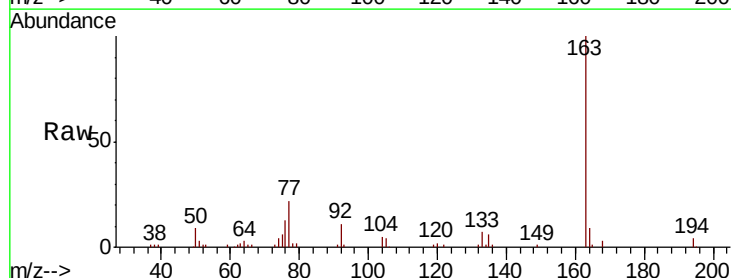
Tgt Ion:163 Resp: 101826

Ion Ratio Lower Upper

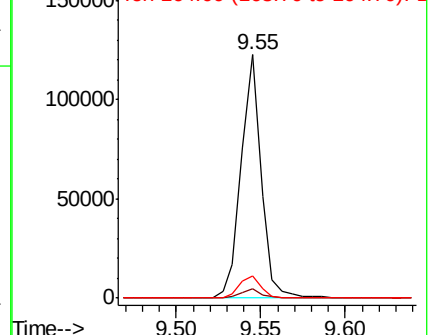
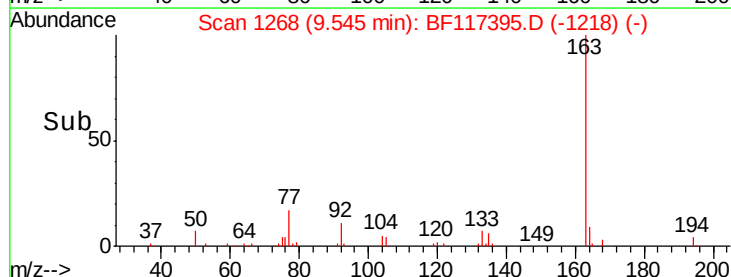
163 100

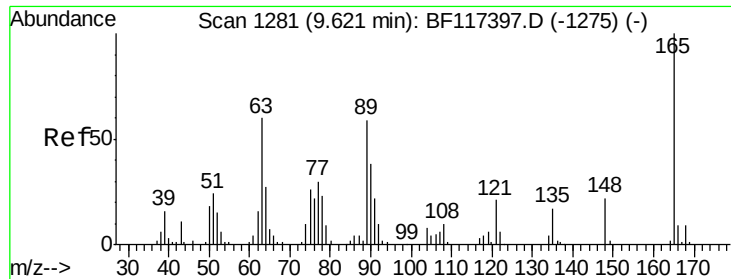
194 3.7 3.1 4.7

164 8.9 8.0 12.0



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: 10.941 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampled :

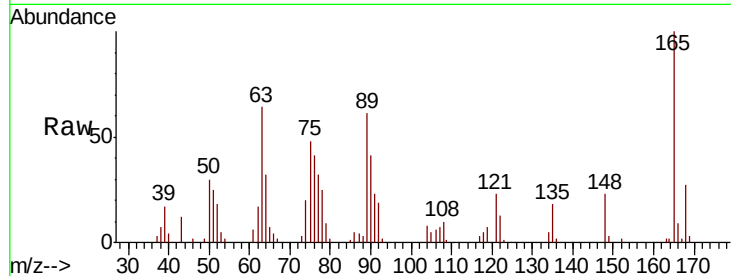
Tot Ion:165 Resp: 20337

Ion Ratio Lower Upper

165 100

63 63.9 47.8 71.6

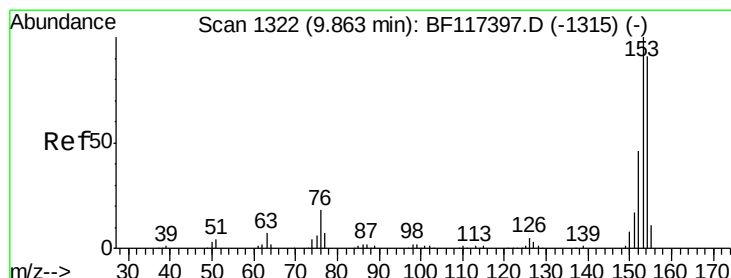
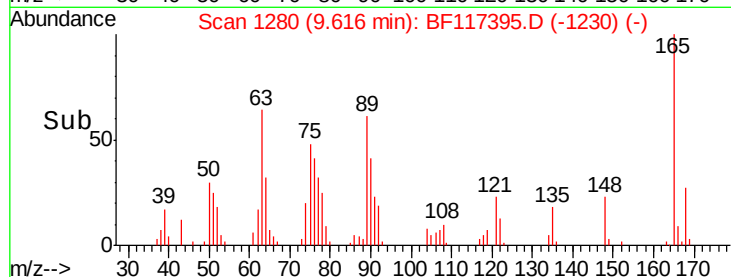
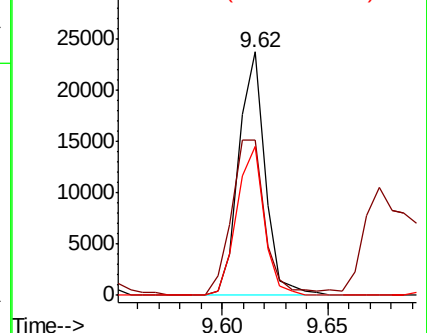
89 61.3 47.4 71.0



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



#52

Acenaphthene

Concen: 11.200 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

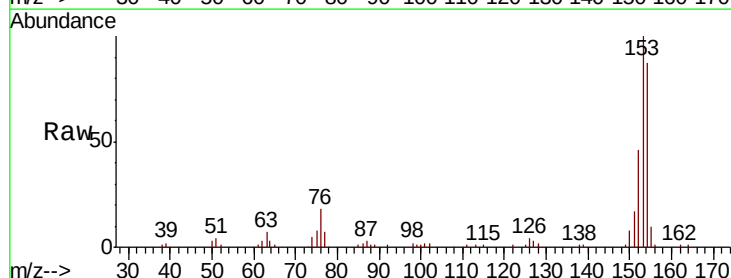
Tgt Ion:154 Resp: 79369

Ion Ratio Lower Upper

154 100

153 115.3 87.9 131.9

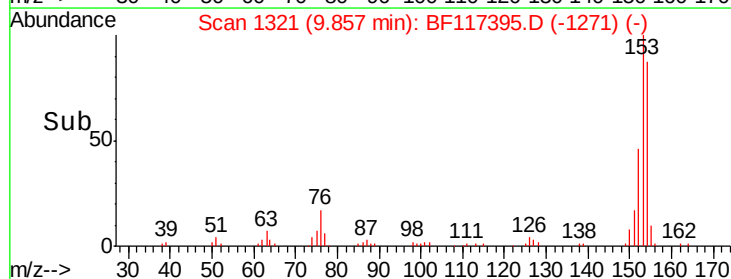
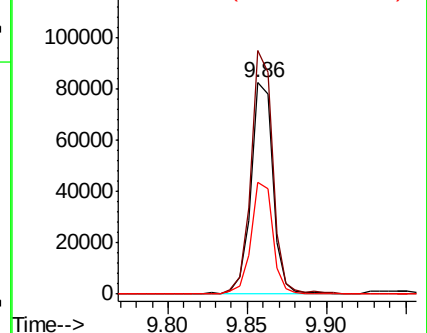
152 52.8 40.8 61.2

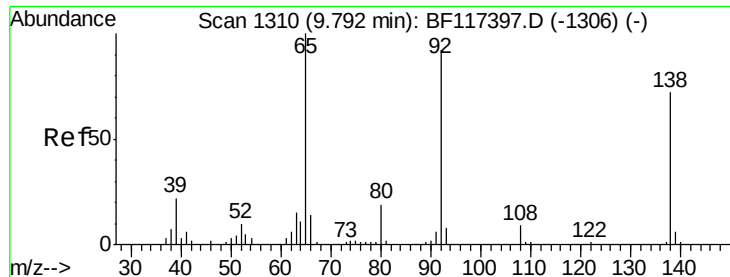


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

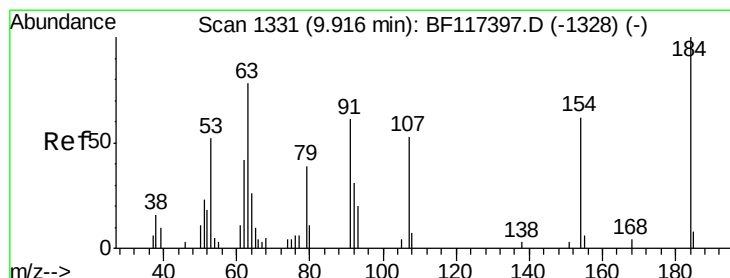
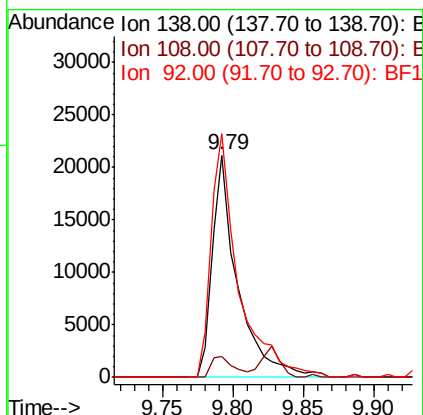
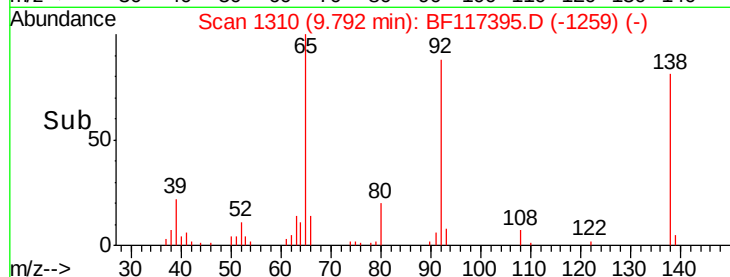
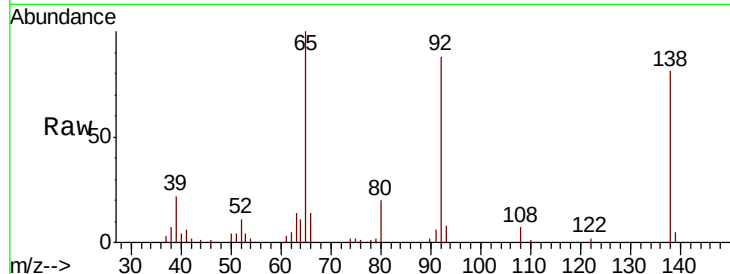




#53
3-Nitroaniline
Concen: 11.227 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

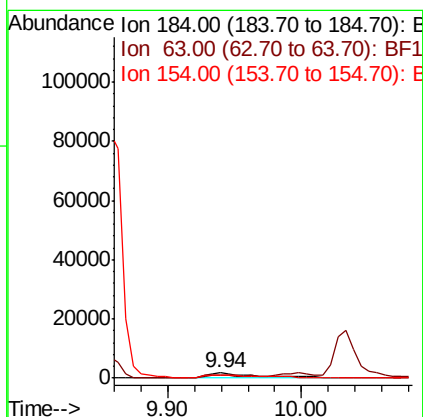
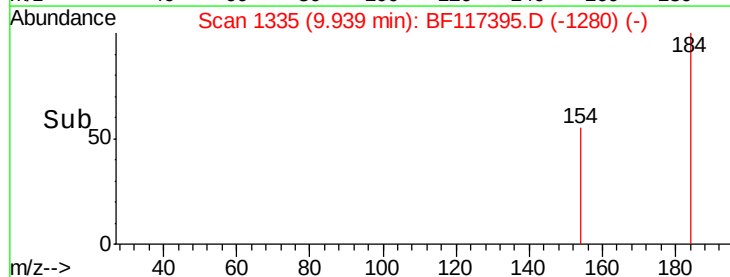
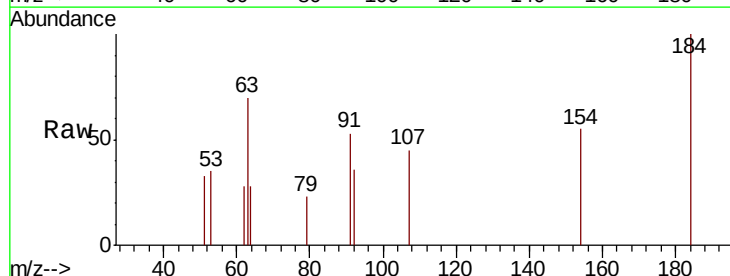
Instrument :
BNA_F
ClientSampleId :

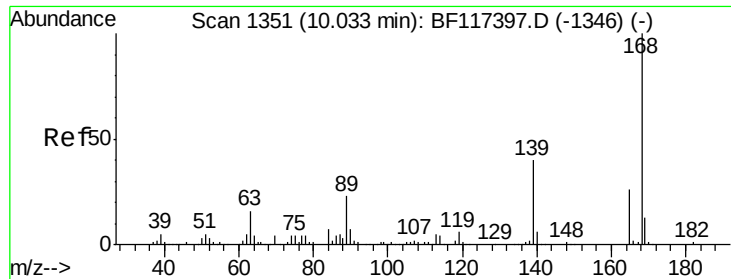
Tot Ion:138 Resp: 26330
Ion Ratio Lower Upper
138 100
108 9.1 9.5 14.3#
92 109.4 102.2 153.4



#54
2,4-Dinitrophenol
Concen: 7.559 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:184 Resp: 4974
Ion Ratio Lower Upper
184 100
63 70.3 62.4 93.6
154 54.5 53.5 80.3

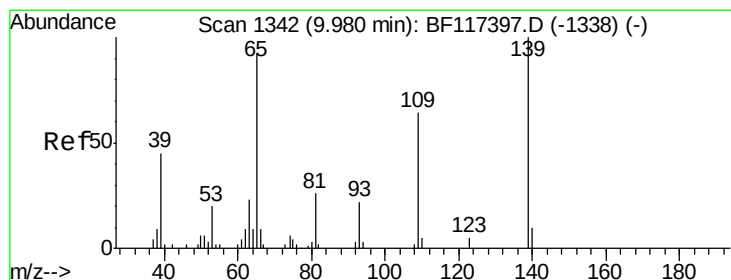
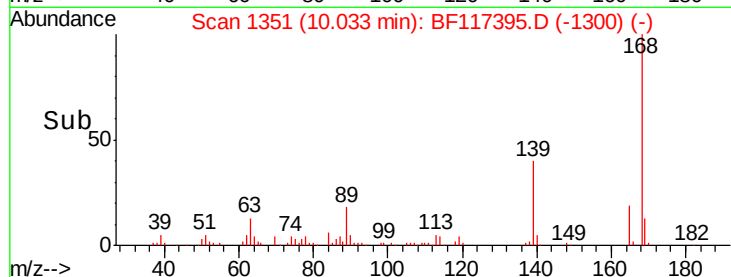
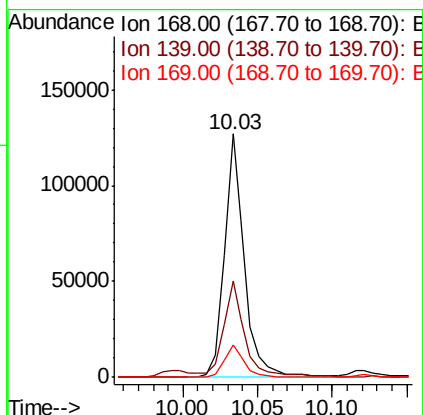
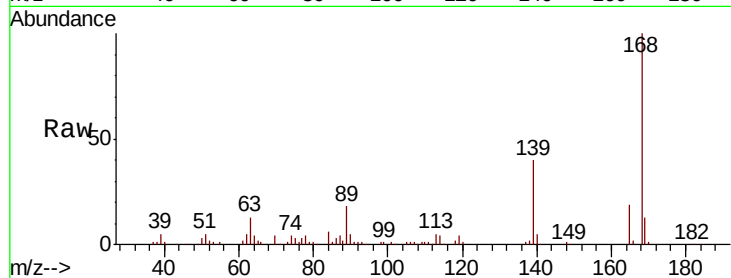




#55
Dibenzofuran
Concen: 11.440 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

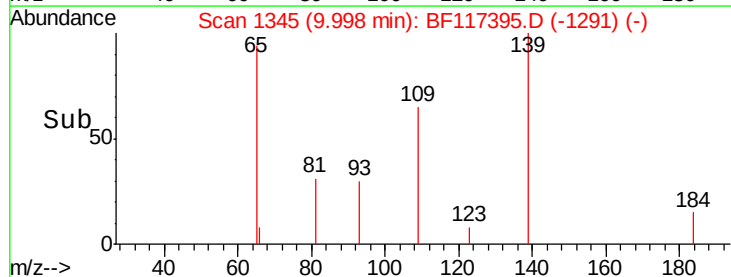
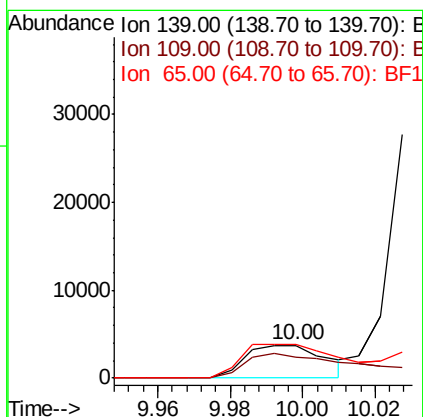
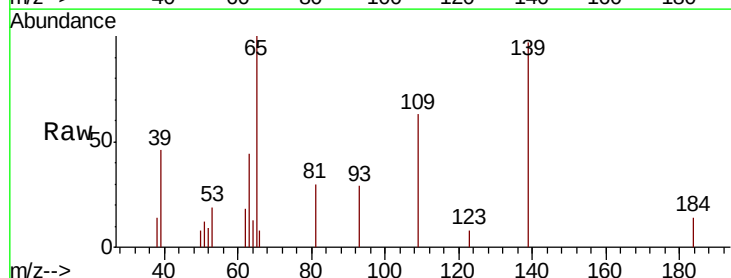
Instrument :
BNA_F
ClientSampleId :

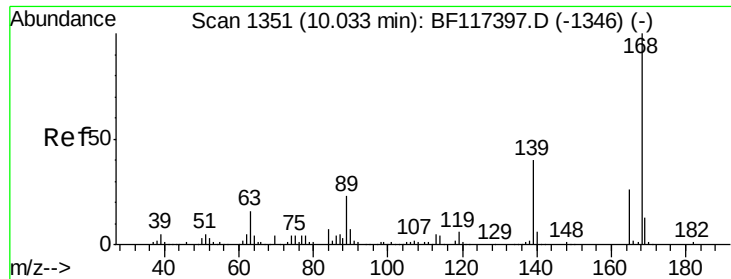
Tot Ion:168 Resp: 119606
Ion Ratio Lower Upper
168 100
139 39.6 33.3 49.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 3.773 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:139 Resp: 5735
Ion Ratio Lower Upper
139 100
109 65.2 43.8 83.8
65 103.1 73.9 113.9

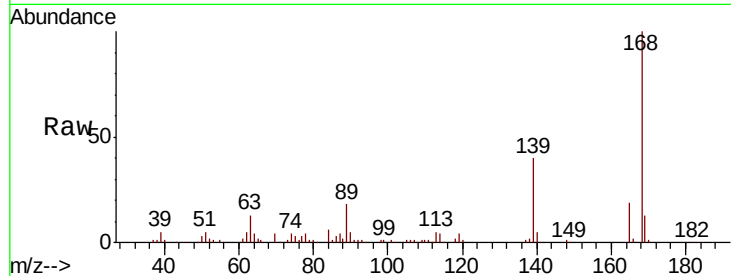




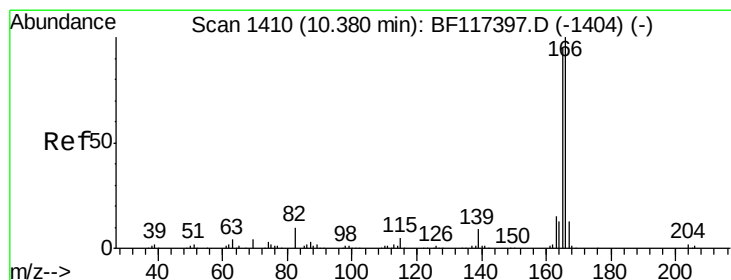
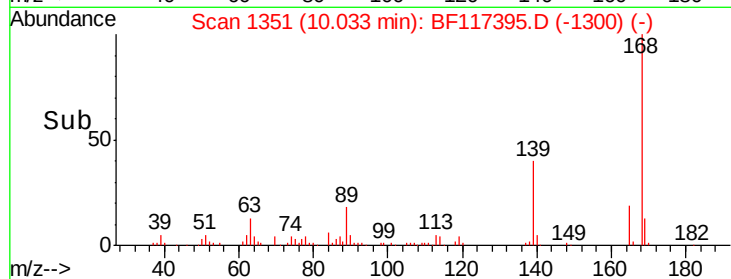
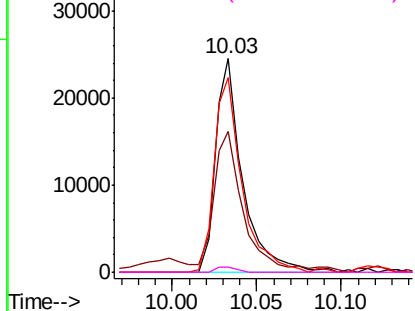
#57
2,4-Dinitrotoluene
Concen: 11.347 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 27380
Ion Ratio Lower Upper
165 100
63 65.7 51.0 76.4
89 91.2 70.7 106.1
182 2.3 2.1 3.1

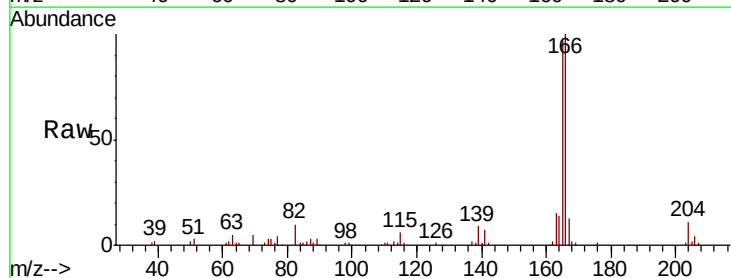


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

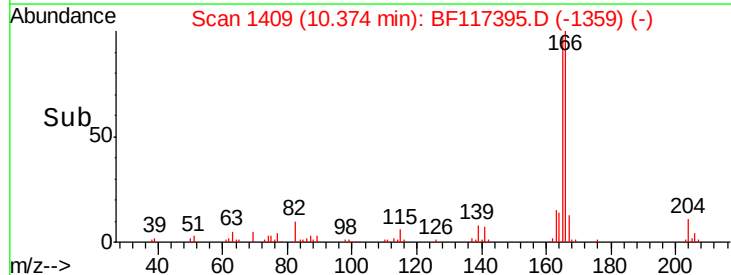
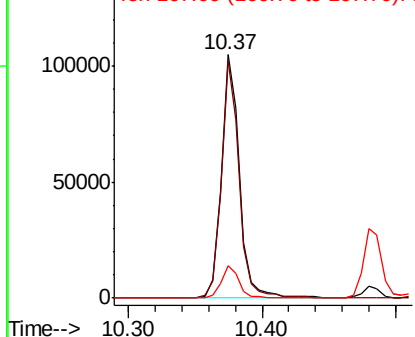


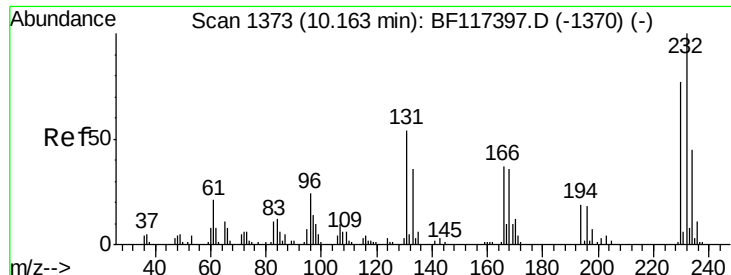
#58
Fluorene
Concen: 11.889 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:166 Resp: 100128
Ion Ratio Lower Upper
166 100
165 97.2 75.7 113.5
167 13.4 10.4 15.6



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

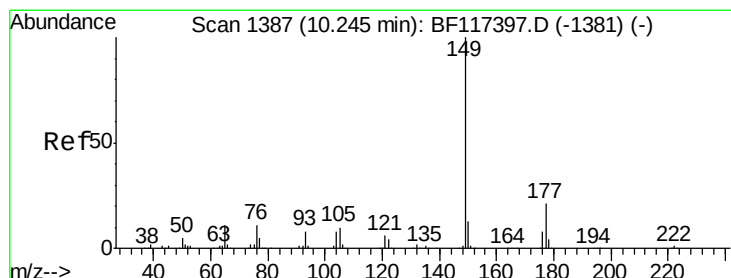
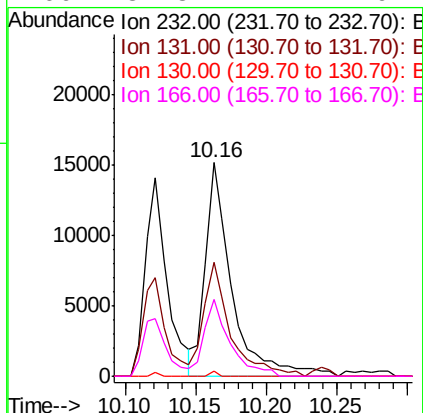
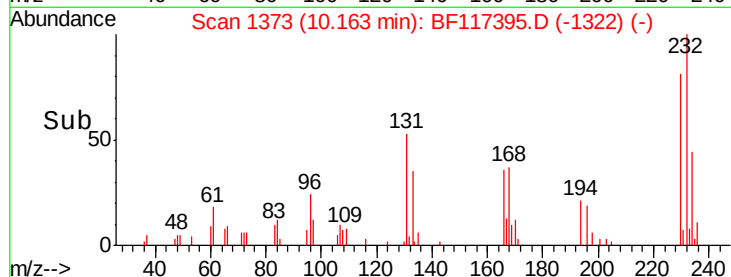
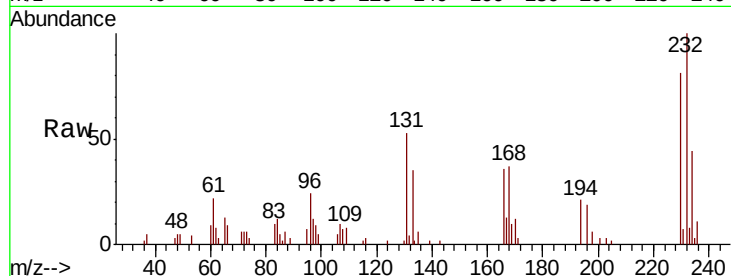




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.696 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

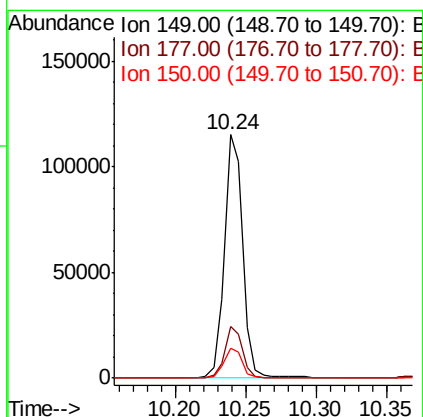
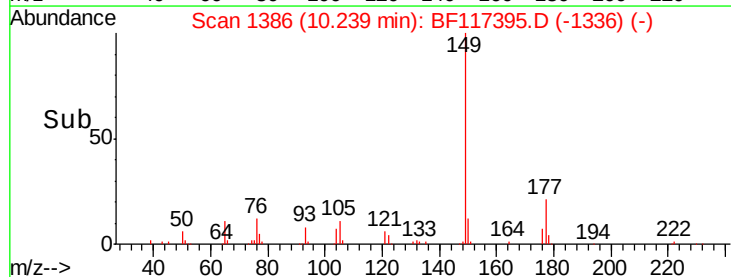
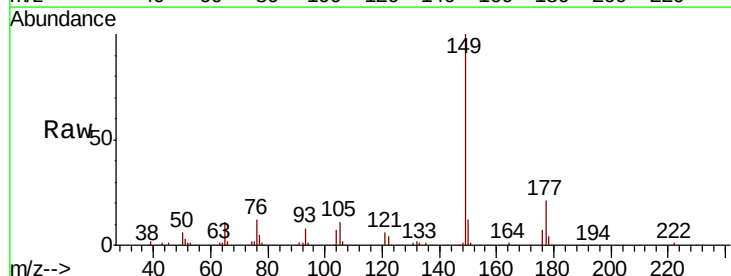
Instrument :
 BNA_F
 ClientSampleId :

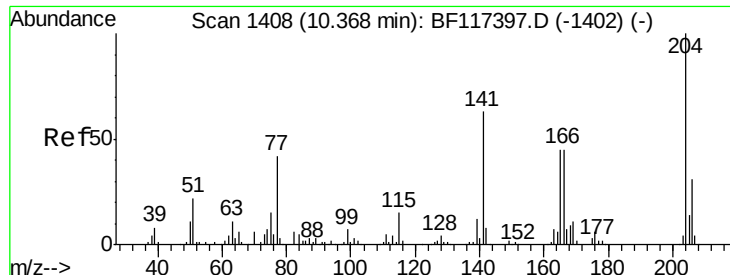
Tot Ion	Ratio	Lower	Upper
232	100		
131	53.9	44.5	66.7
130	0.7	2.0	3.0
166	34.8	27.1	40.7



#60
 Diethylphthalate
 Concen: 11.593 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.5	24.7
150	12.2	10.1	15.1

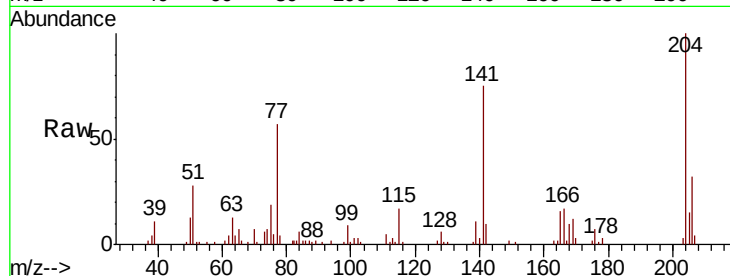




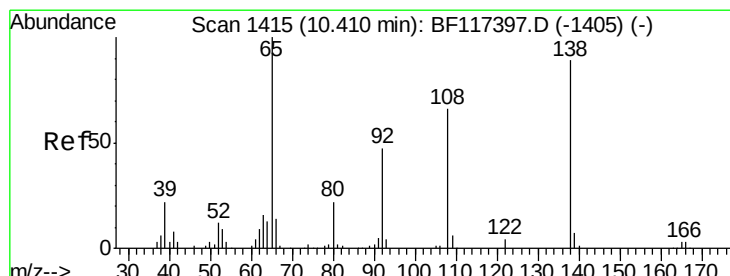
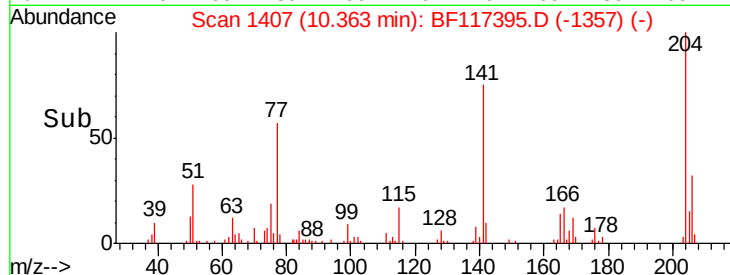
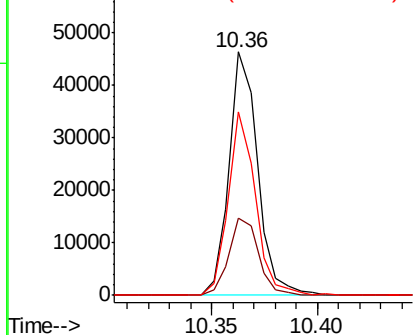
#61
4-Chlorophenyl-phenylether
Concen: 11.896 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 43349
Ion Ratio Lower Upper
204 100
206 31.7 25.0 37.4
141 75.4 50.7 76.1

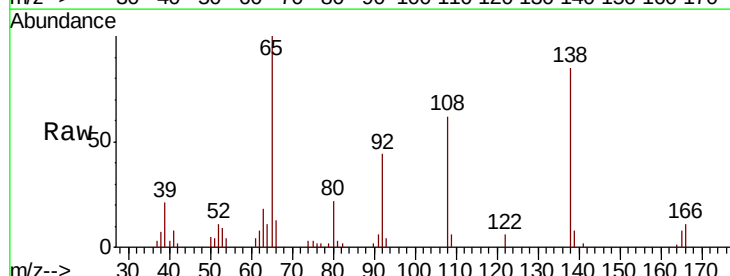


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

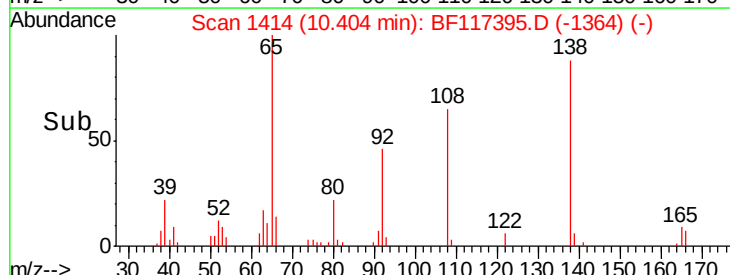
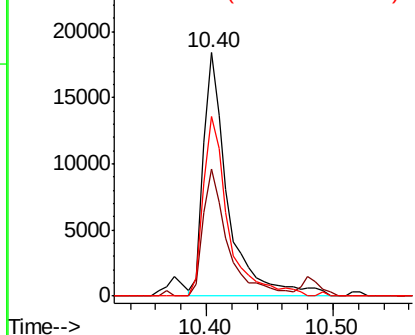


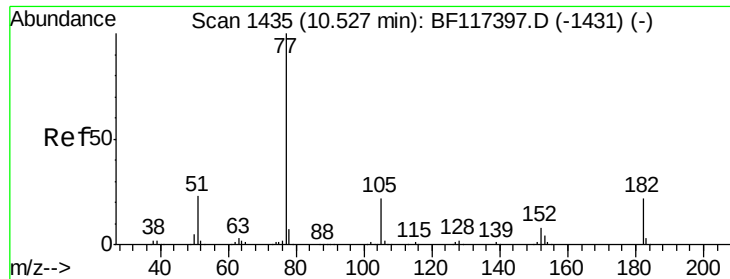
#62
4-Nitroaniline
Concen: 10.179 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:138 Resp: 24828
Ion Ratio Lower Upper
138 100
92 52.3 32.4 72.4
108 73.6 53.8 93.8



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

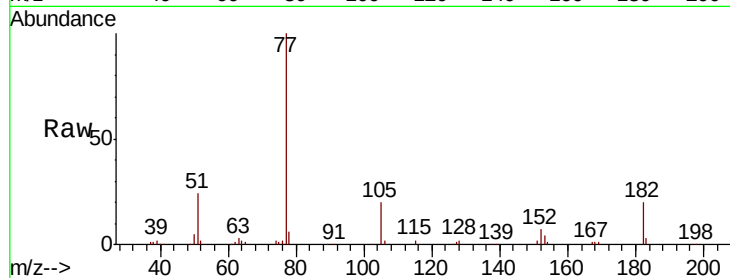




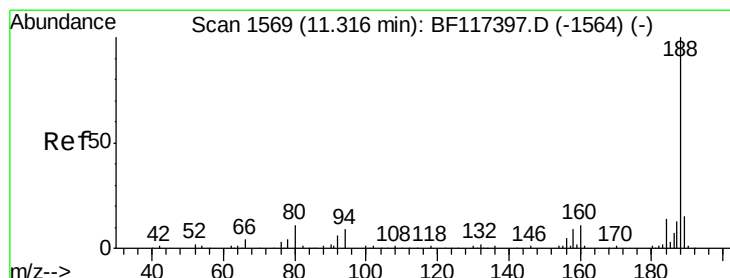
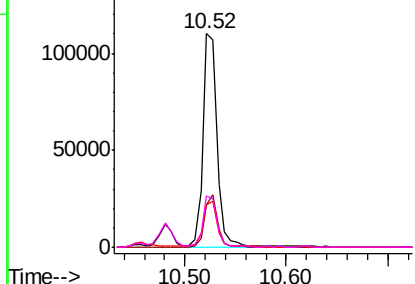
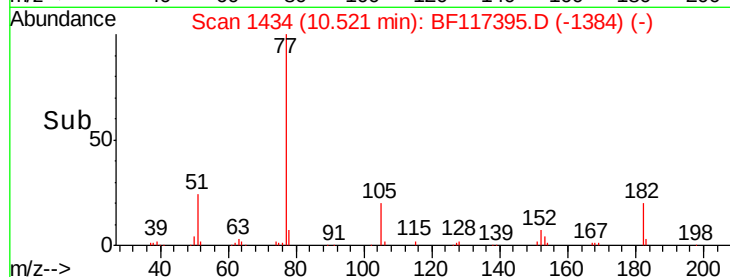
#63
Azobenzene
Concen: 11.788 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	108111
Ion	Ratio	Lower	Upper
77	100		
182	19.7	1.5	41.5
105	20.0	1.8	41.8
51	23.7	3.3	43.3

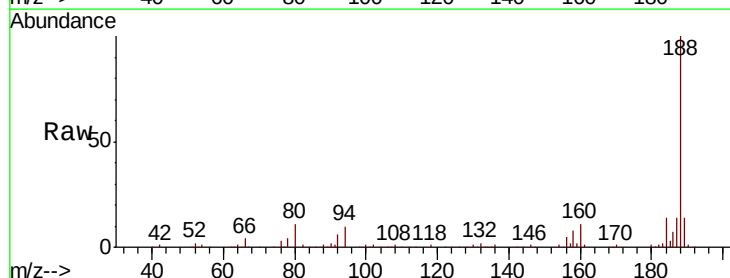


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

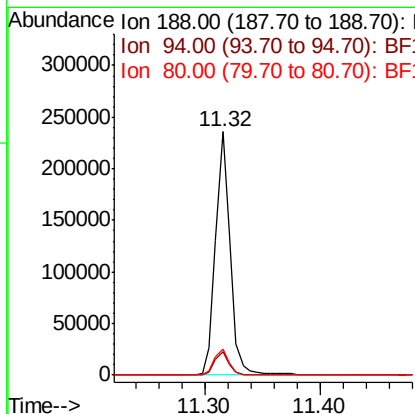
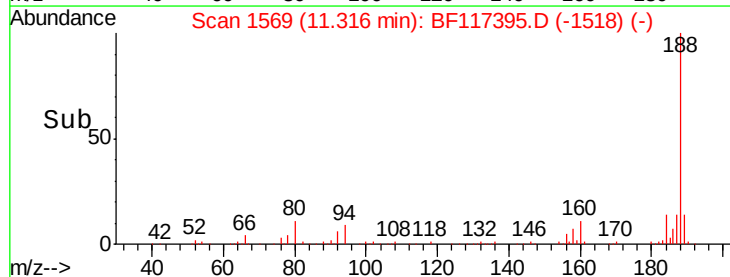


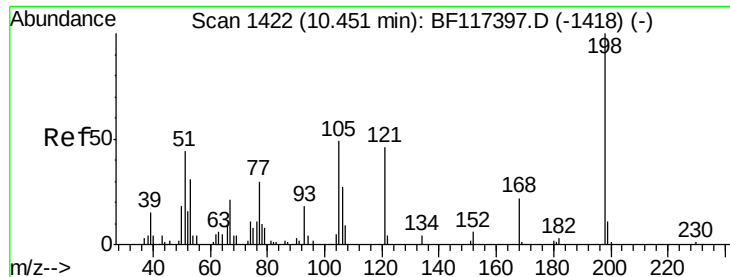
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:	188	Resp:	208463
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	10.7	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 9.240 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

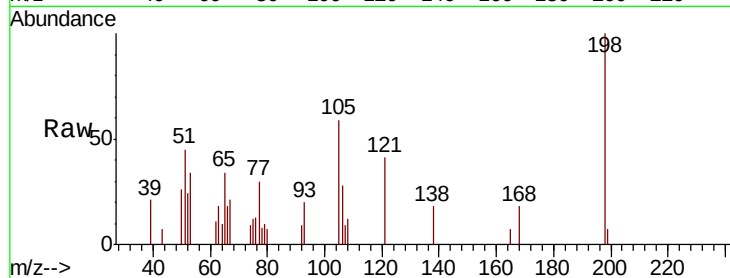
Tot Ion:198 Resp: 8084

Ion Ratio Lower Upper

198 100

51 44.6 25.9 65.9

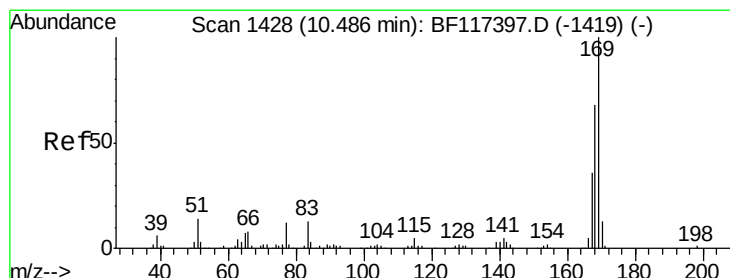
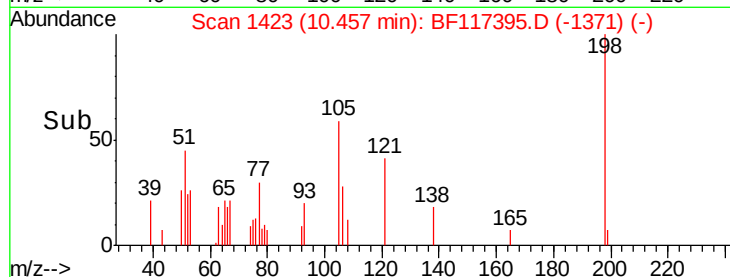
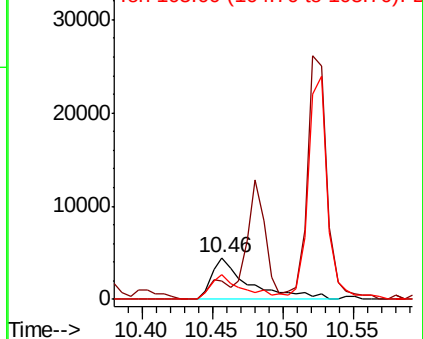
105 59.0 29.4 69.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 11.708 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

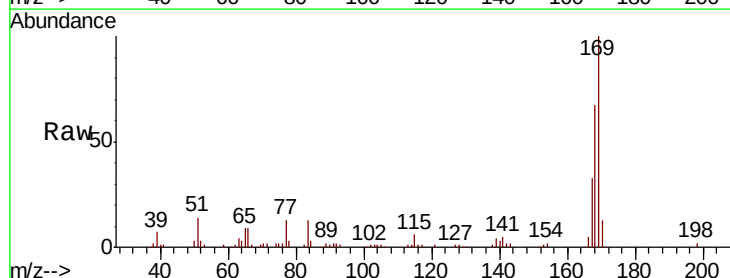
Tgt Ion:169 Resp: 84294

Ion Ratio Lower Upper

169 100

168 66.7 54.1 81.1

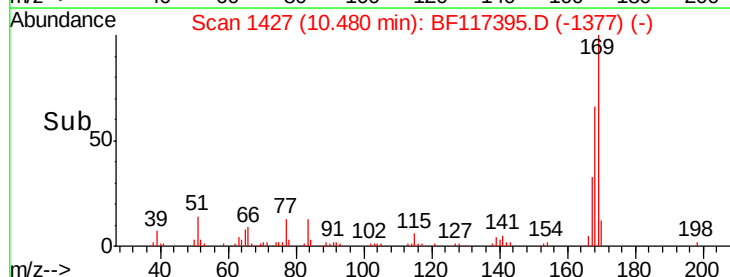
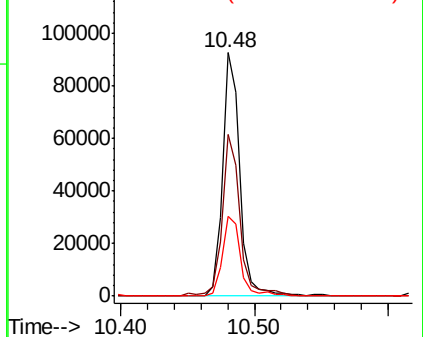
167 32.5 28.8 43.2

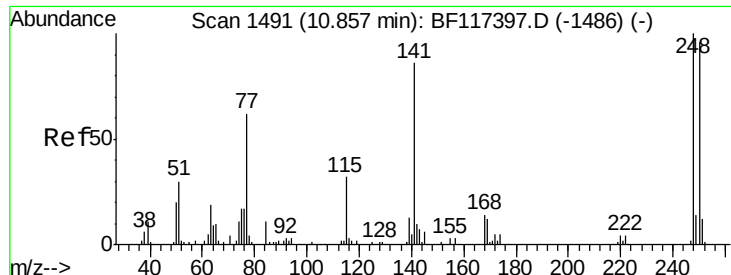


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

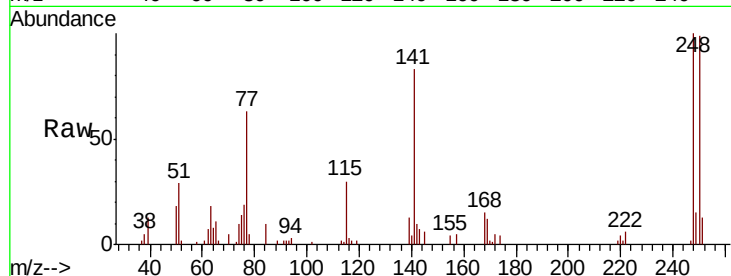




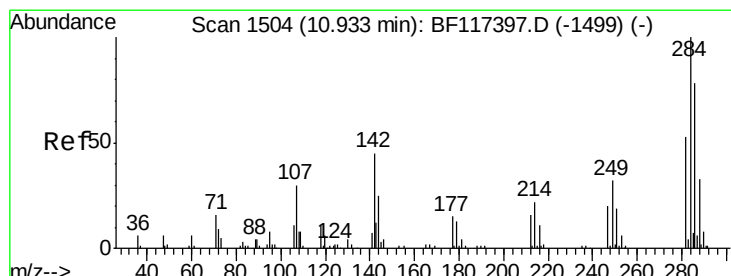
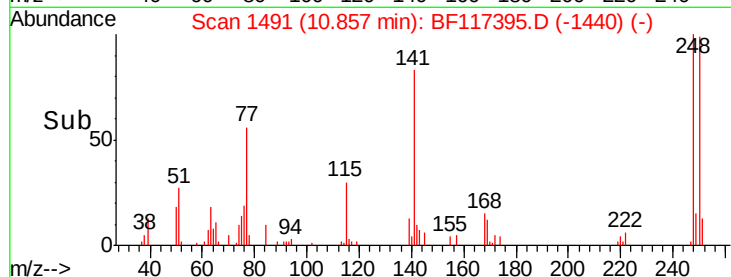
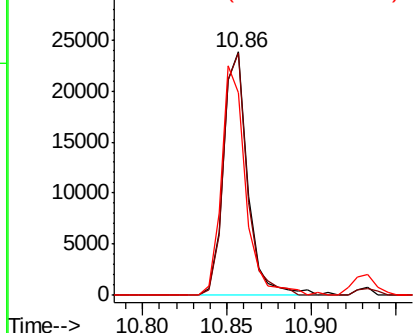
#67
 4-Bromophenyl-phenylether
 Concen: 11.230 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 23908
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.1 115.7
 141 83.5 69.1 103.7

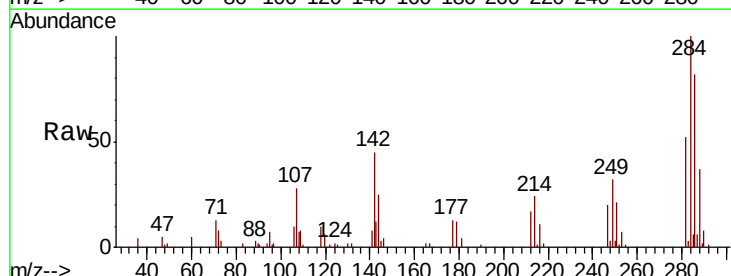


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

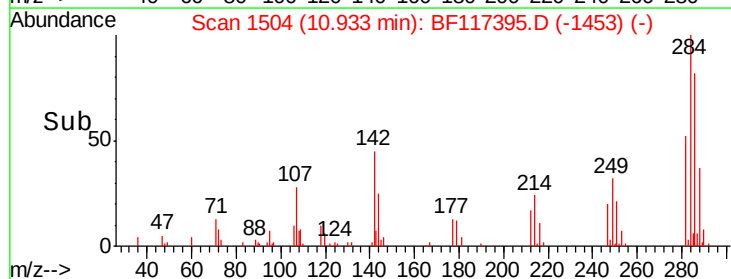
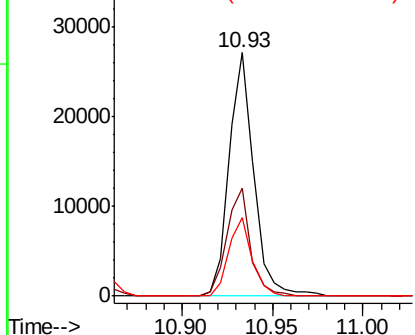


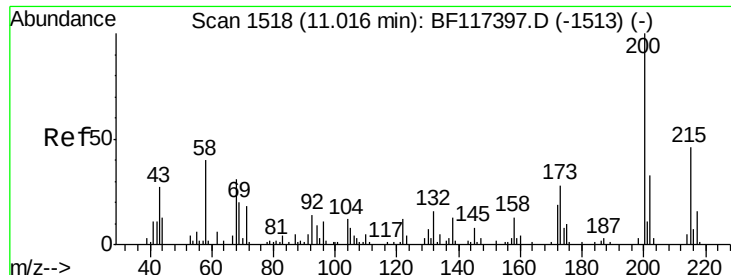
#68
 Hexachlorobenzene
 Concen: 11.069 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion:284 Resp: 25775
 Ion Ratio Lower Upper
 284 100
 142 44.6 35.7 53.5
 249 32.3 25.8 38.6



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

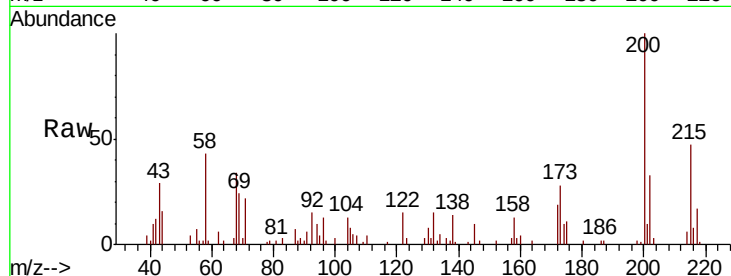




#69
 Atrazine
 Concen: 12.999 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.0	48.0
215	47.0	25.8	65.8

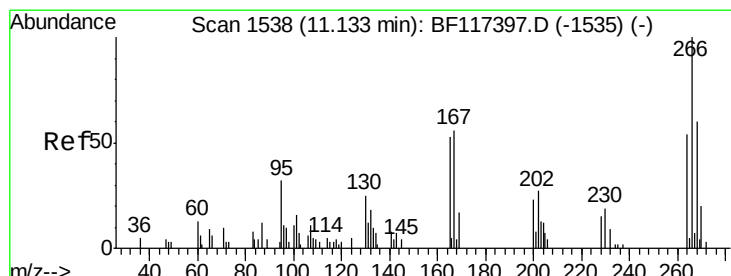
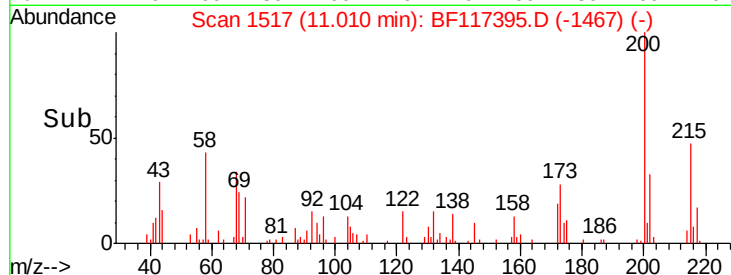
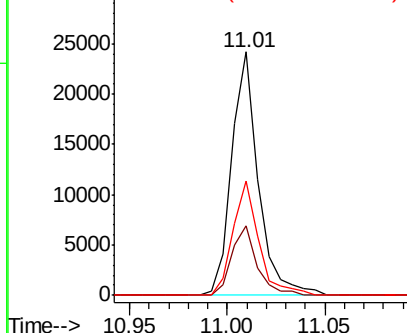


Abundance

Ion 200.00 (199.70 to 200.70): E

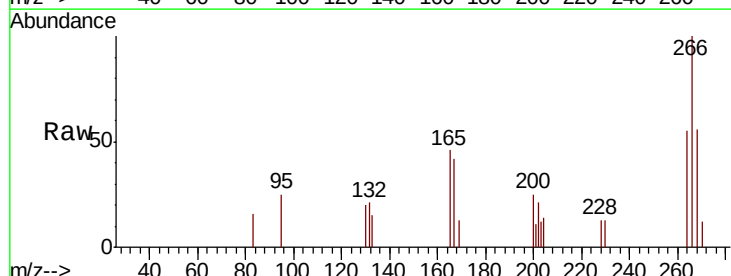
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 5.547 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	56.5	47.8	71.6
264	54.9	42.9	64.3

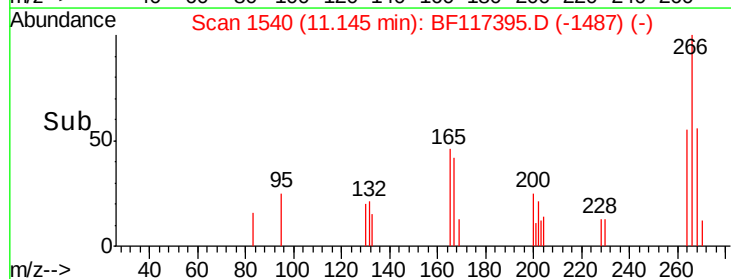
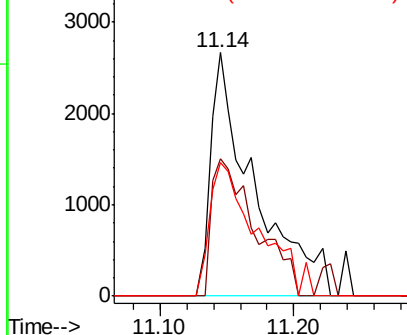


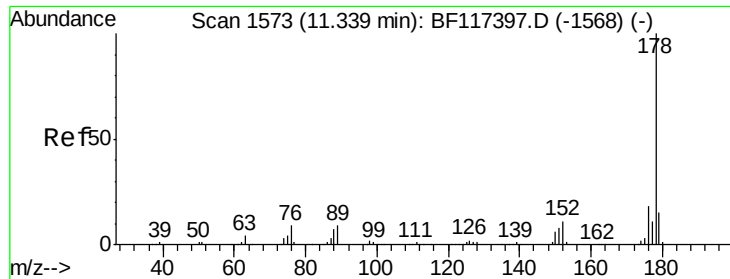
Abundance

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

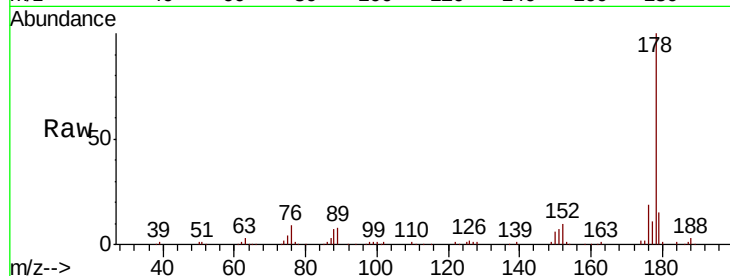




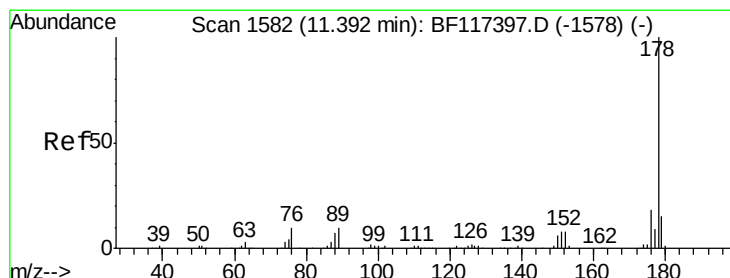
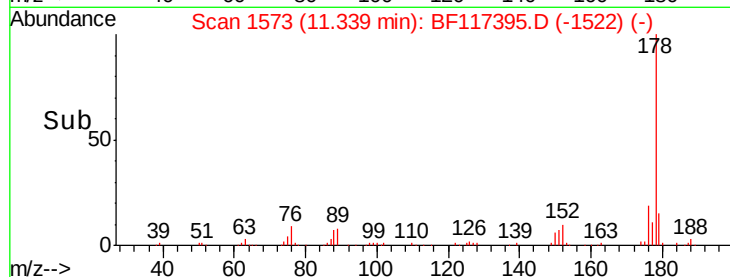
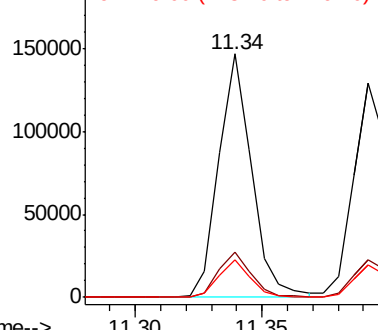
#71
Phenanthrene
Concen: 11.259 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 133316
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.3 12.3 18.5

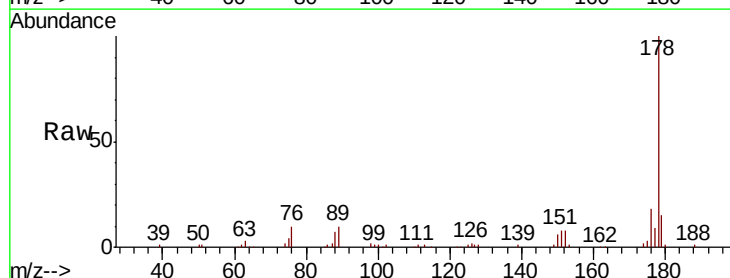


Abundance Ion 178.00 (177.70 to 178.70): E
200000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

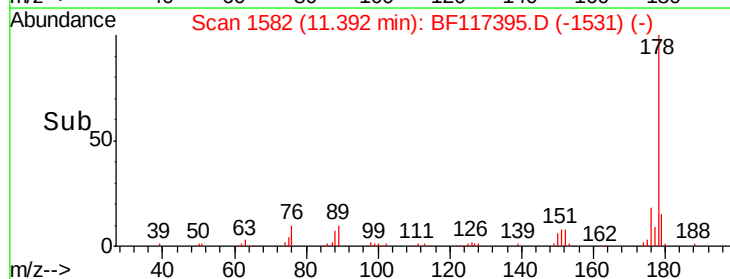
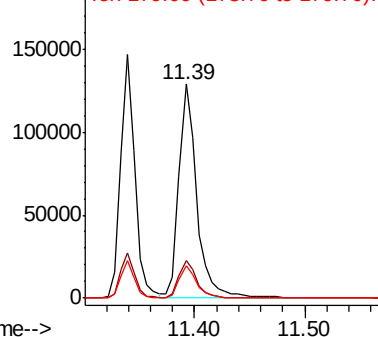


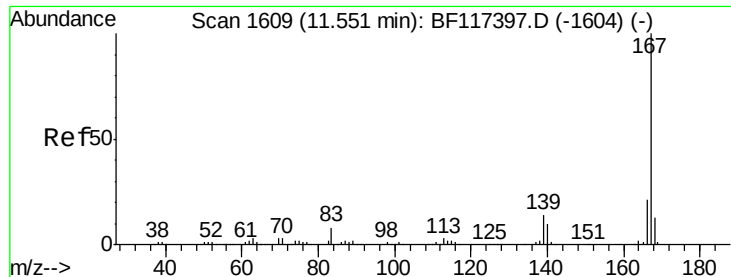
#72
Anthracene
Concen: 11.851 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:178 Resp: 143257
Ion Ratio Lower Upper
178 100
176 17.6 14.4 21.6
179 15.0 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
200000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

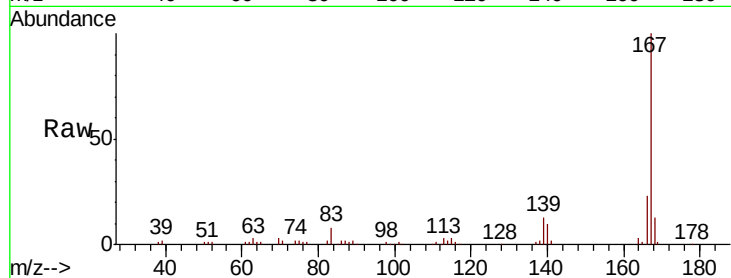




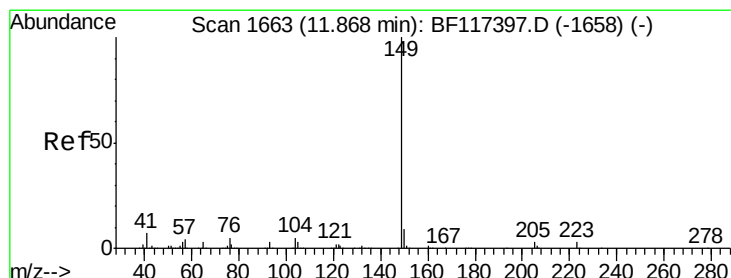
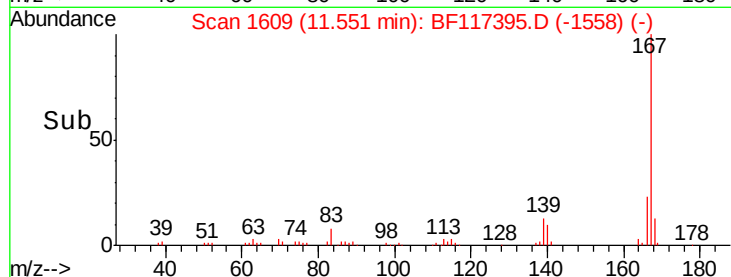
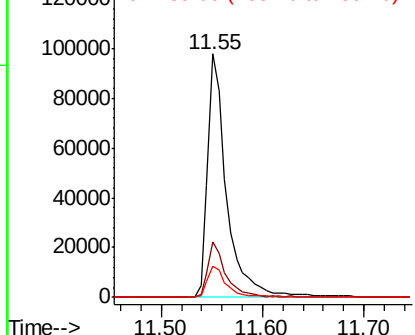
#73
 Carbazole
 Concen: 11.127 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 127680
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.0 25.4
 139 12.9 10.8 16.2

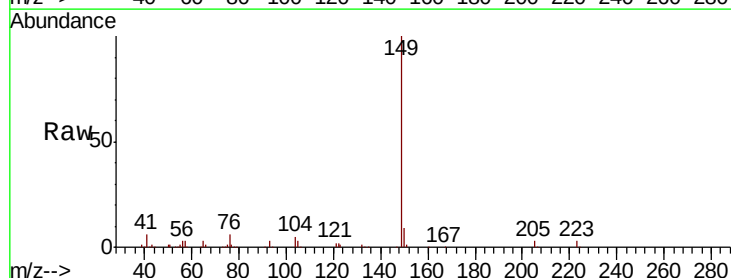


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

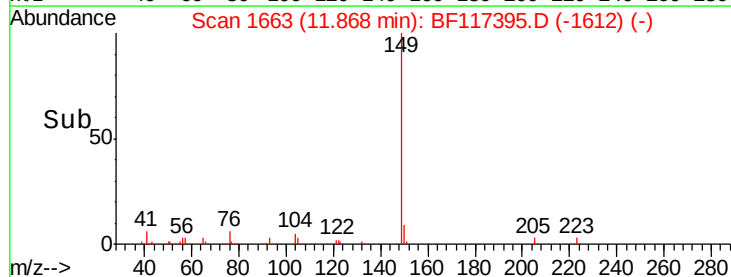
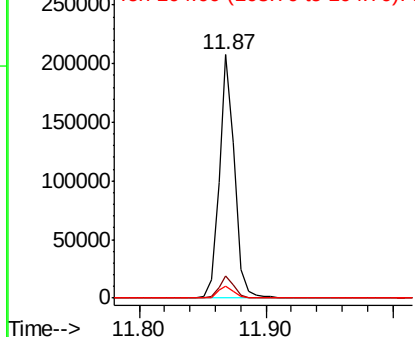


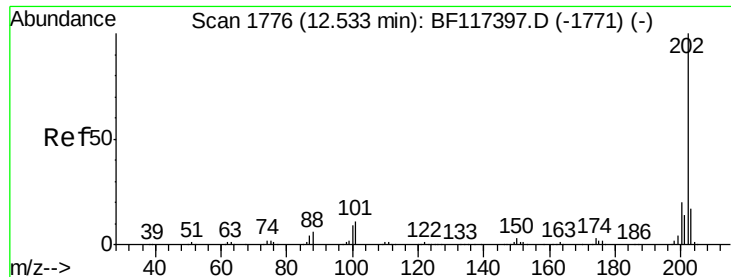
#74
 Di-n-butylphthalate
 Concen: 12.788 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion:149 Resp: 174580
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 5.1 4.2 6.2



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

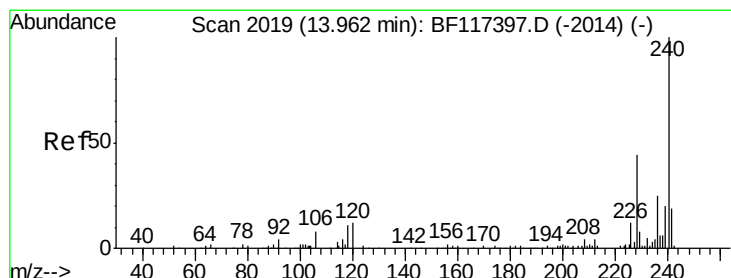
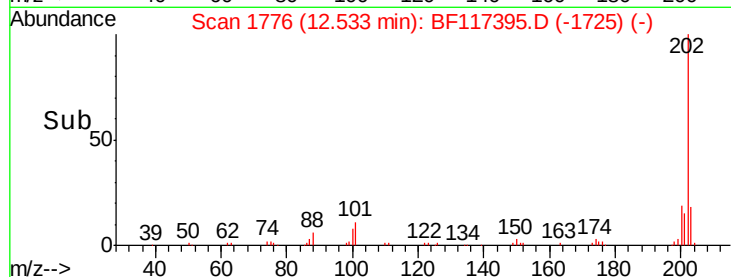
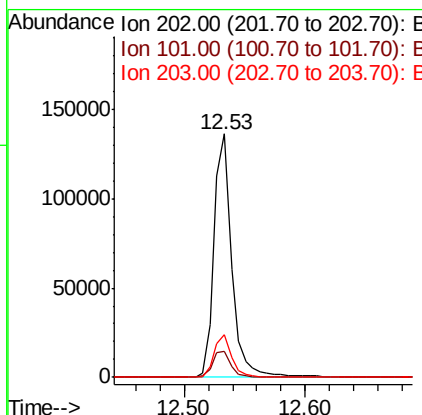
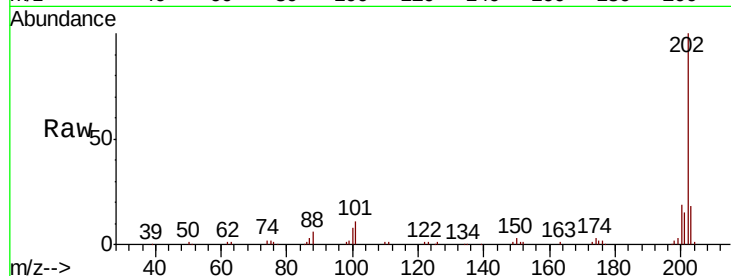




#75
 Fluoranthene
 Concen: 11.317 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

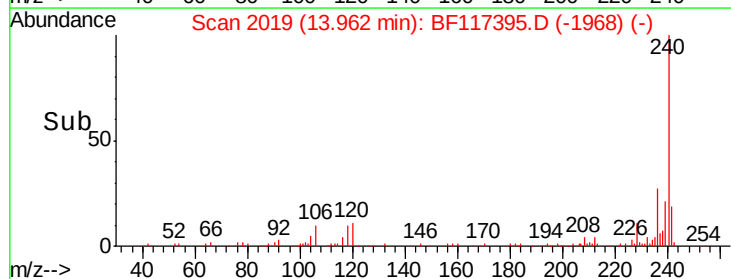
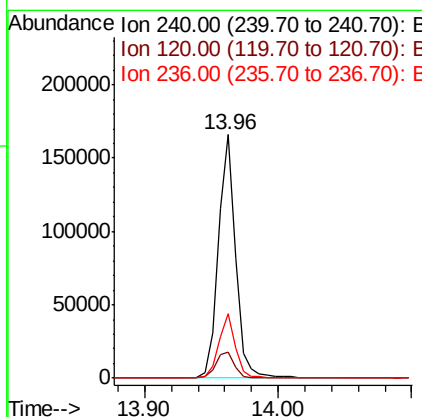
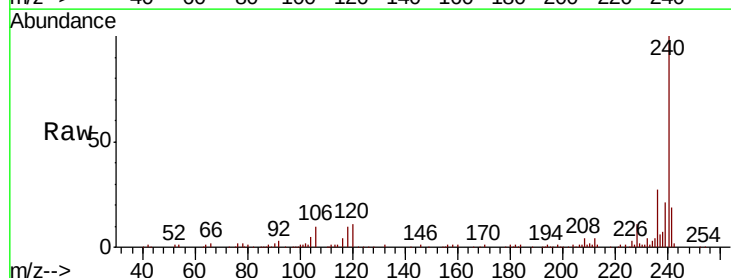
Instrument :
 BNA_F
 ClientSampleId :

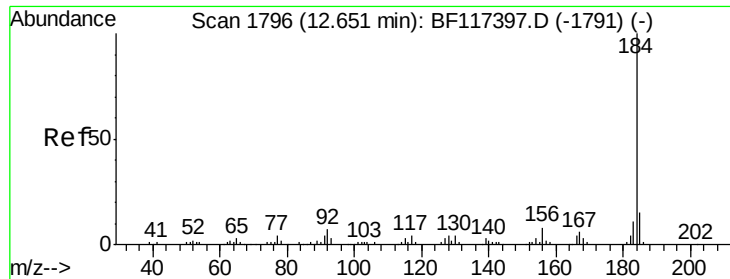
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	17.6	0.0	36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117395.D
 Acq: 14 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.4	14.0
236	26.6	19.8	29.6





#77

Benzidine

Concen: 13.634 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

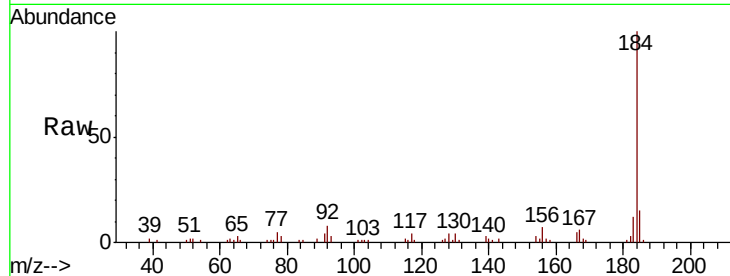
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 66991

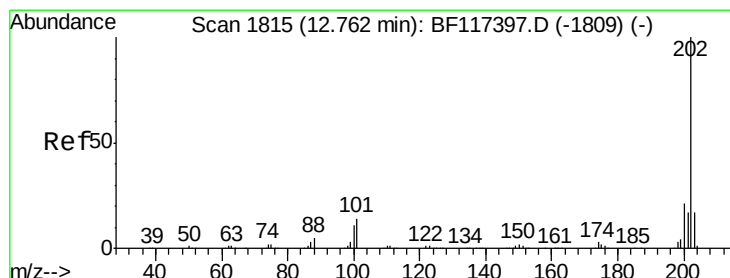
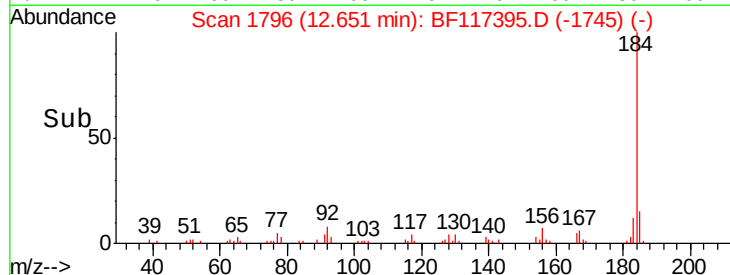
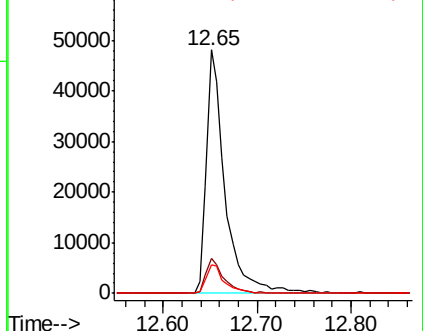
Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	11.6	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.991 ng

RT: 12.76 min Scan# 1815

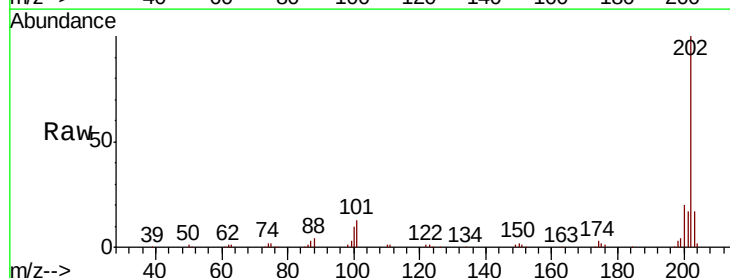
Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Tgt Ion:202 Resp: 140668

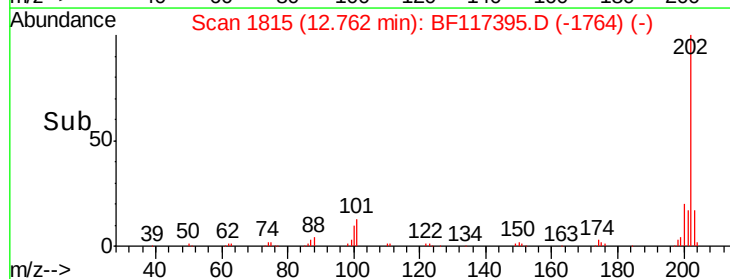
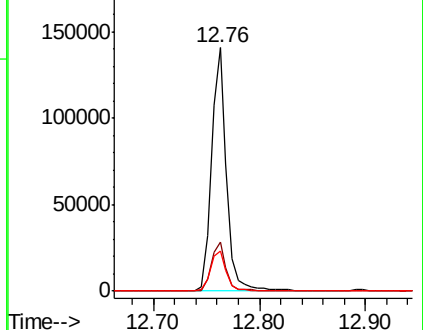
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.8	25.2
203	16.6	14.0	21.0

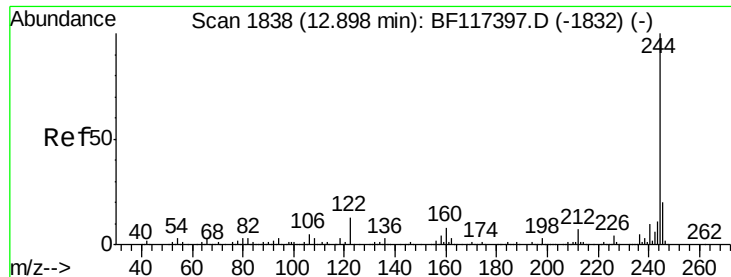


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24.992 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

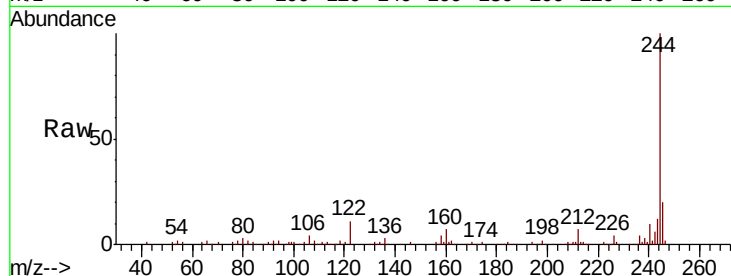
Tot Ion:244 Resp: 203946

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

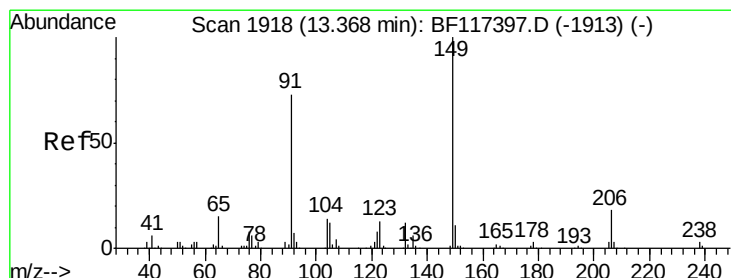
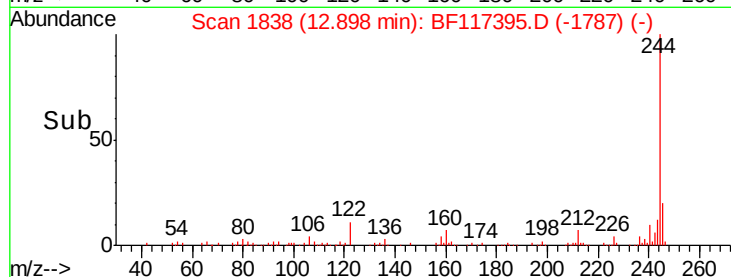
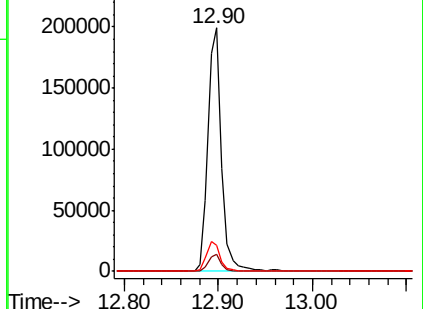
122 10.9 10.7 16.1



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: 11.766 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

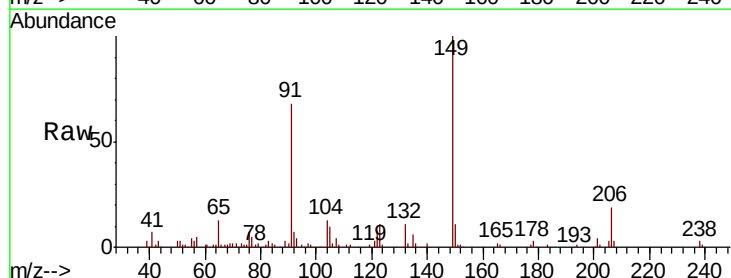
Tgt Ion:149 Resp: 71156

Ion Ratio Lower Upper

149 100

91 67.8 58.5 87.7

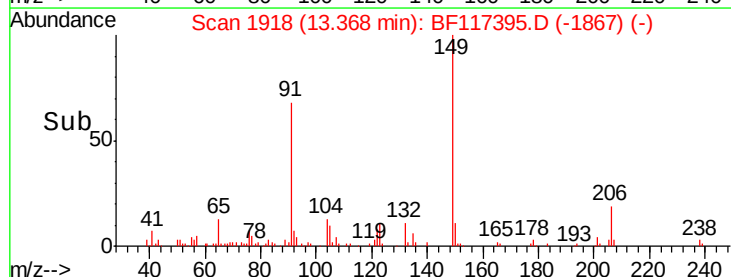
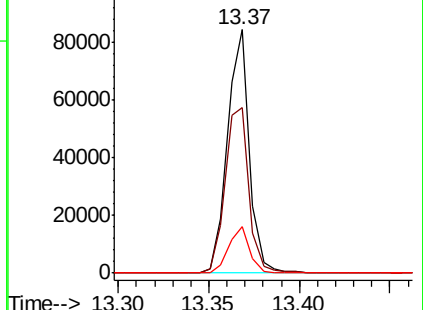
206 19.1 14.4 21.6

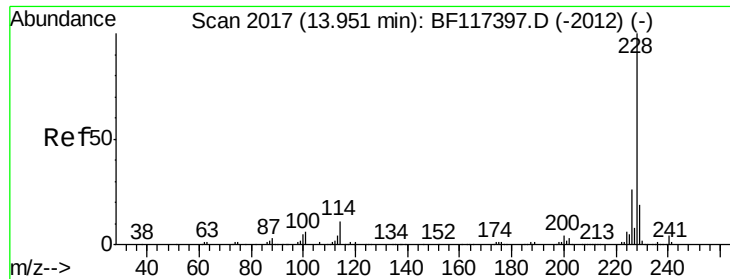


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

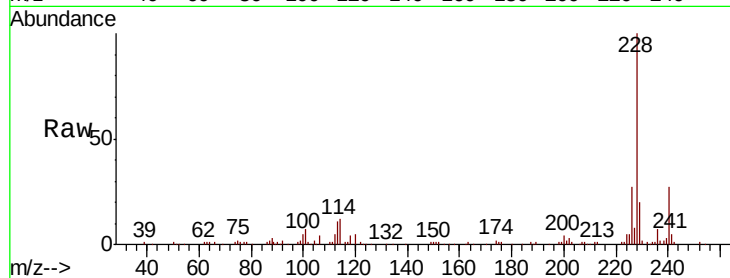




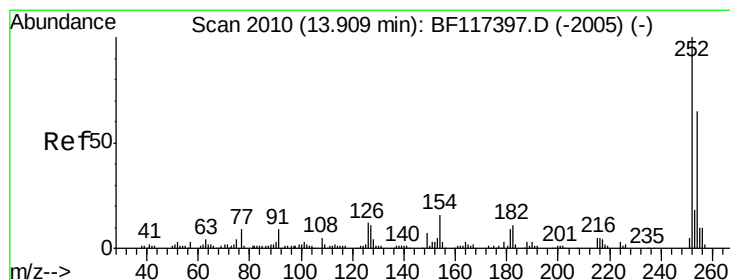
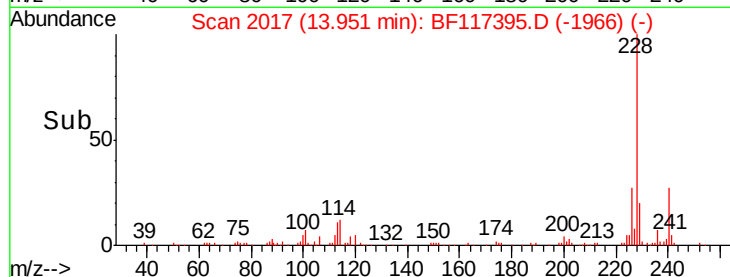
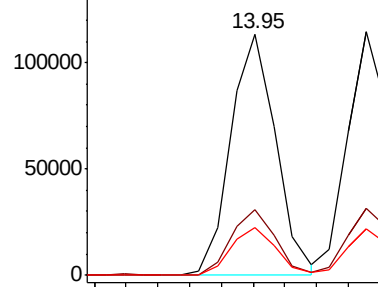
#81
Benzo(a)anthracene
Concen: 11.011 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 112216
Ion Ratio Lower Upper
228 100
226 27.0 20.9 31.3
229 20.1 15.2 22.8

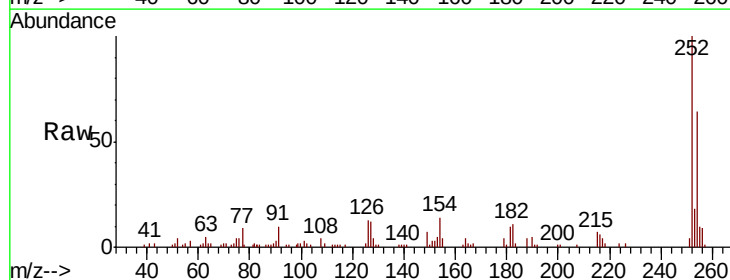


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

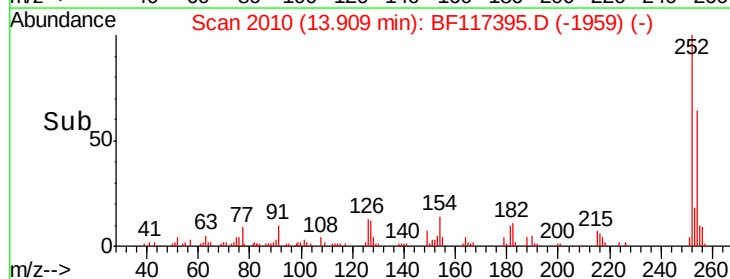
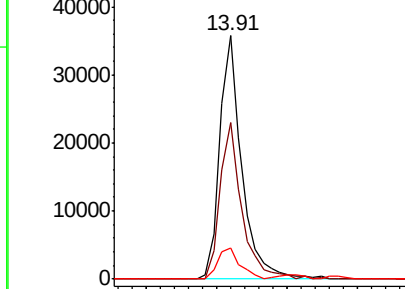


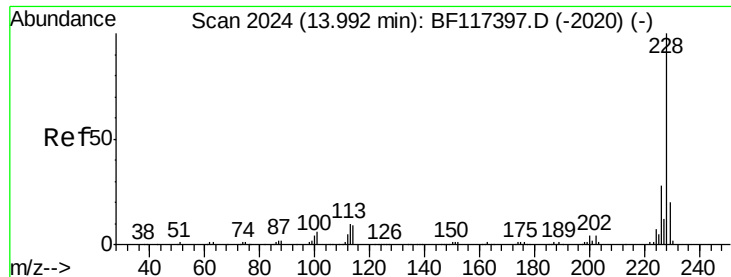
#82
3,3'-Dichlorobenzidine
Concen: 11.862 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:252 Resp: 38954
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 12.9 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.398 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

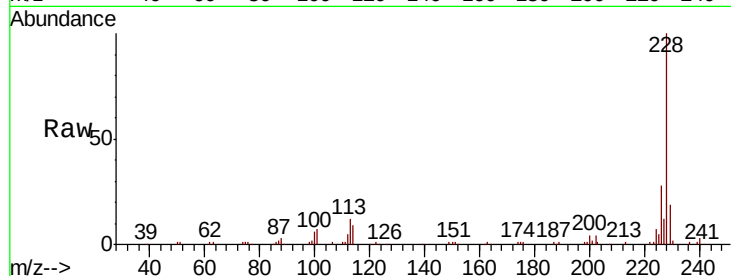
Tot Ion:228 Resp: 113288

Ion Ratio Lower Upper

228 100

226 27.6 22.8 34.2

229 19.0 15.7 23.5

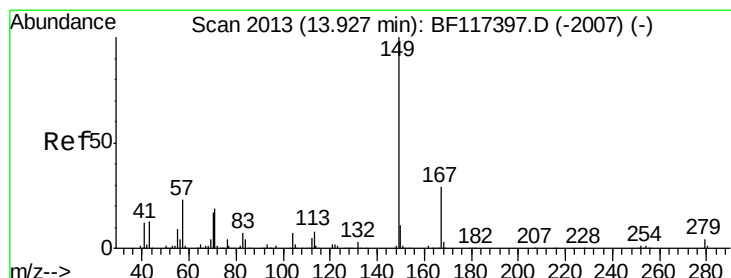
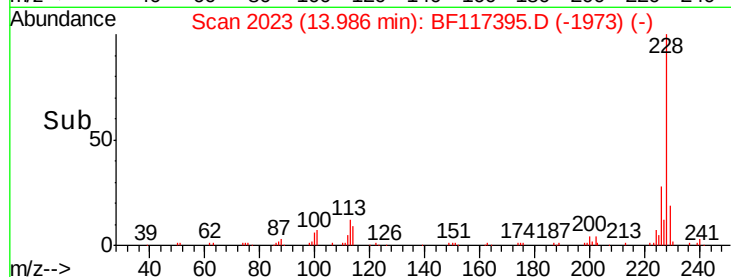
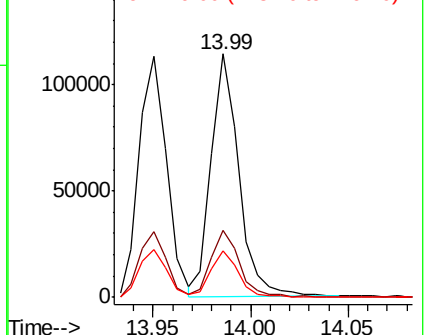


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.055 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

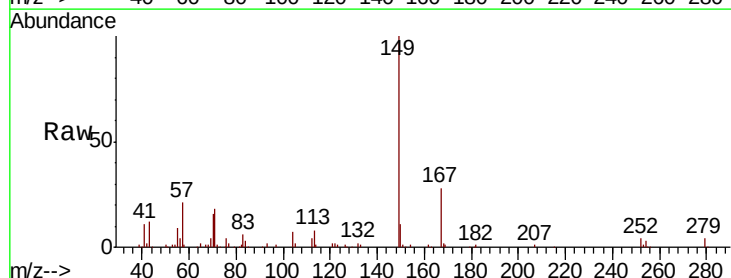
Tgt Ion:149 Resp: 101797

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.6

279 4.0 3.0 4.6

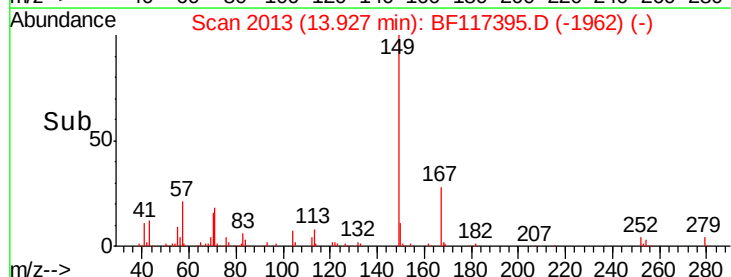
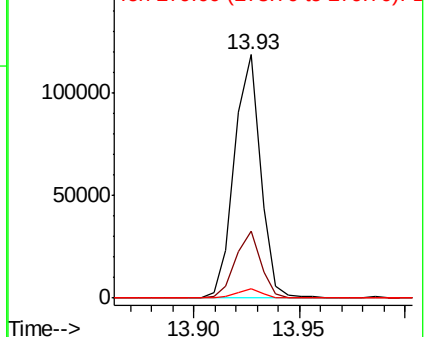


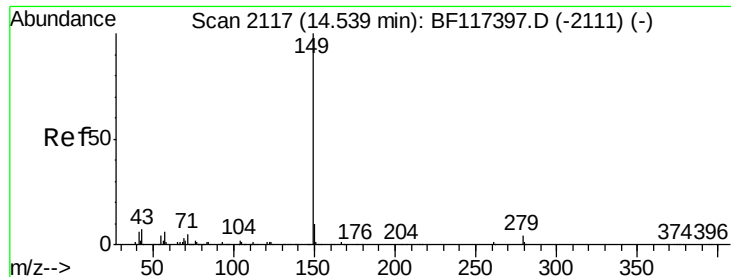
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 13.336 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

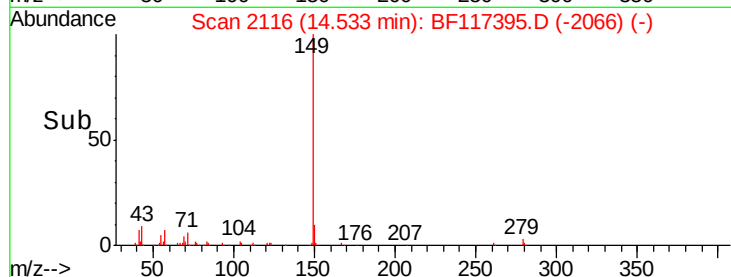
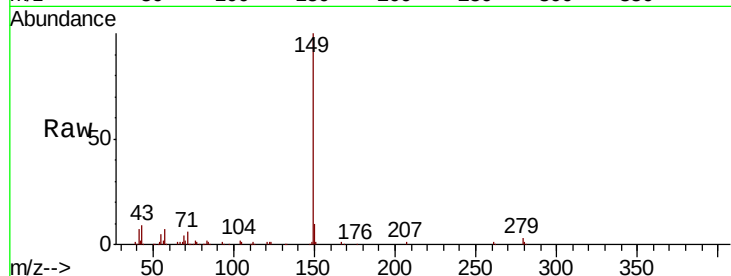
Tot Ion:149 Resp: 163671

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

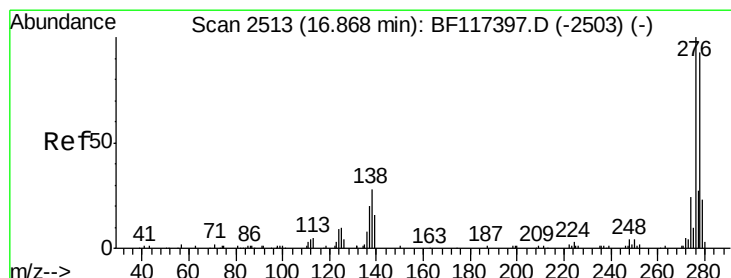
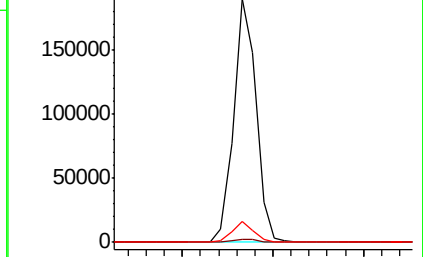
43 8.4 6.6 9.8



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: 10.435 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

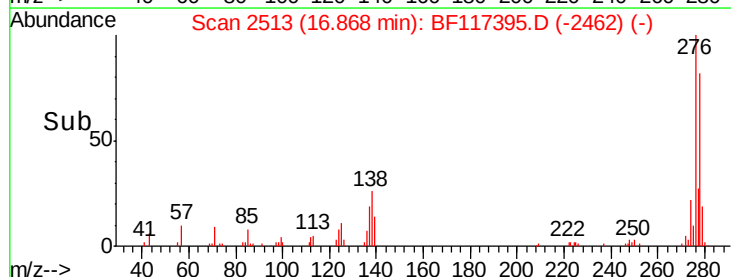
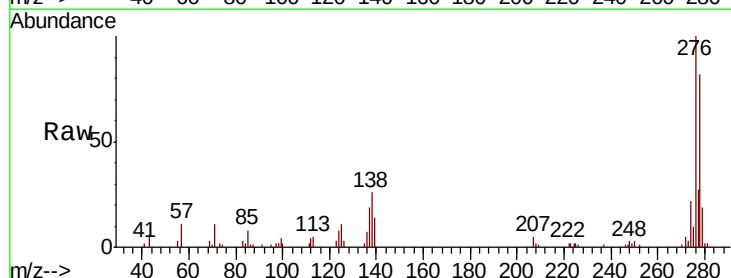
Tgt Ion:276 Resp: 75667

Ion Ratio Lower Upper

276 100

138 27.9 21.5 32.3

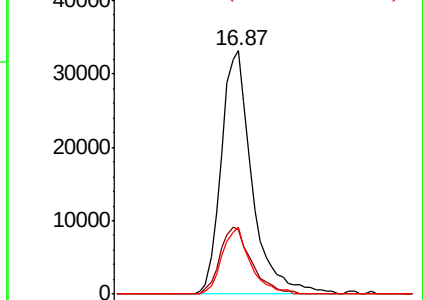
277 25.3 20.1 30.1

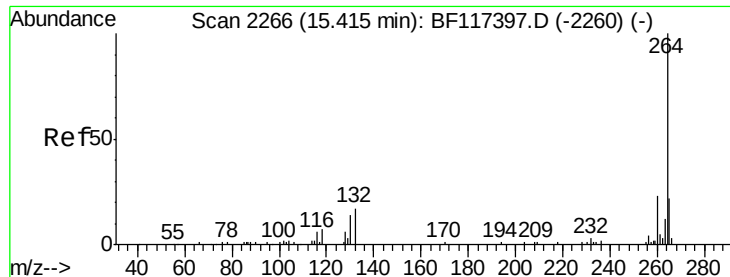


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



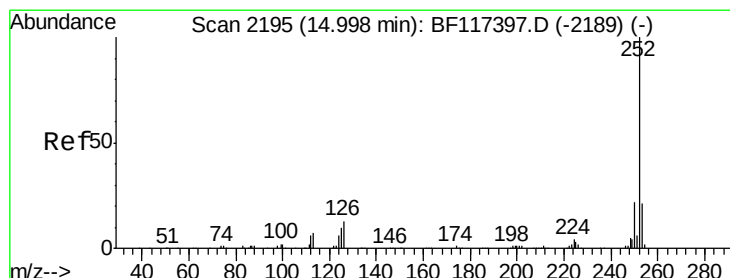
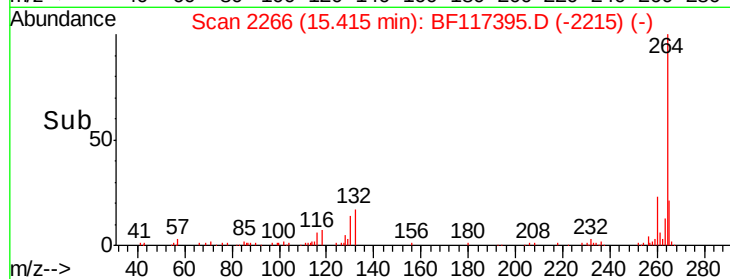
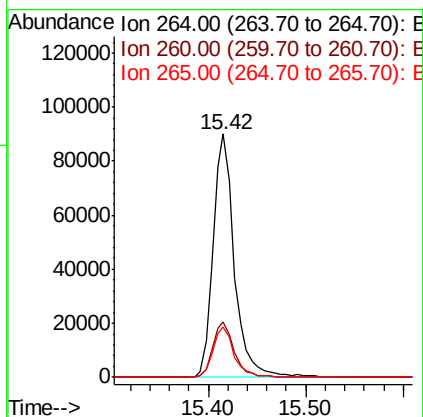
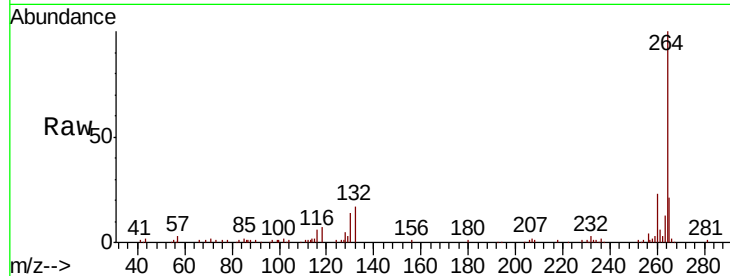


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 135525

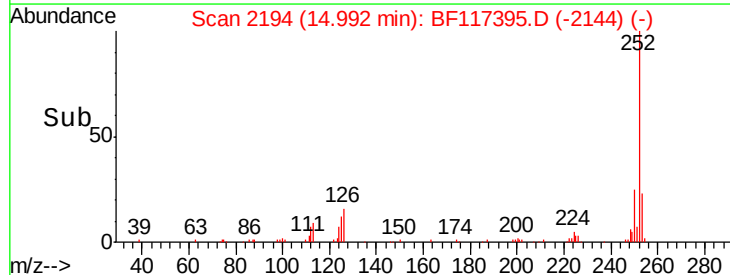
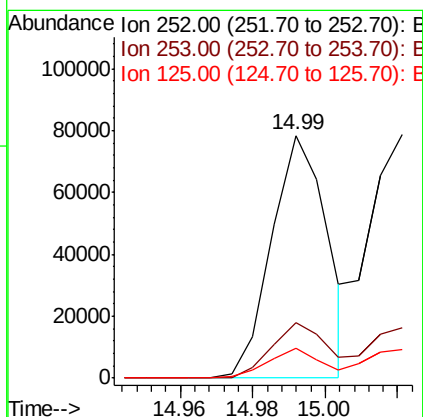
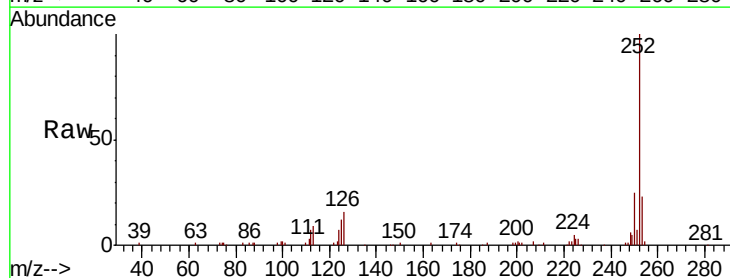
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	20.6	17.4	26.0

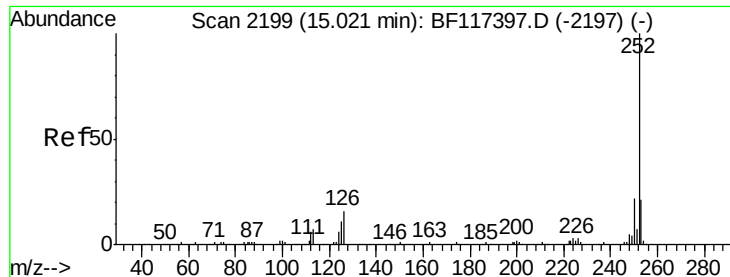


#88
Benzo(b)fluoranthene
Concen: 10.233 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF117395.D
Acq: 14 Oct 2019 12:09

Tgt Ion:252 Resp: 84006

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.2	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 13.084 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampled :

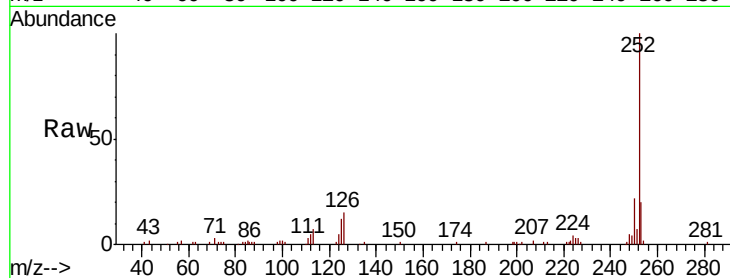
Tot Ion:252 Resp: 101748

Ion Ratio Lower Upper

252 100

253 20.5 17.0 25.6

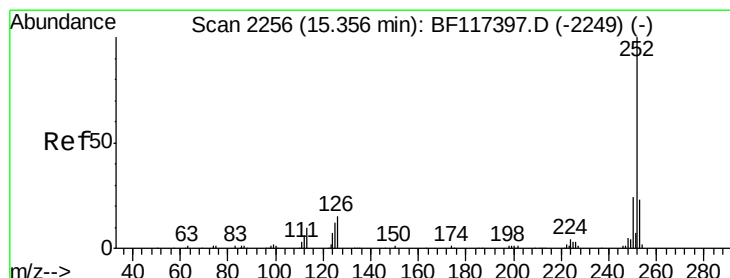
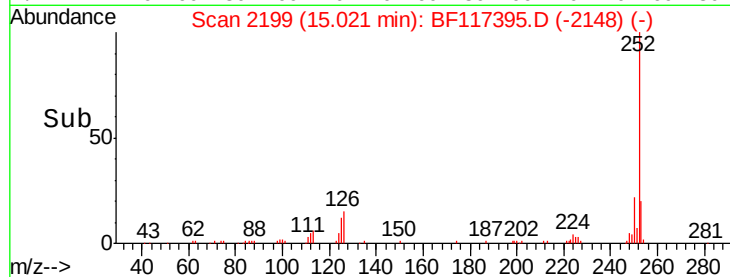
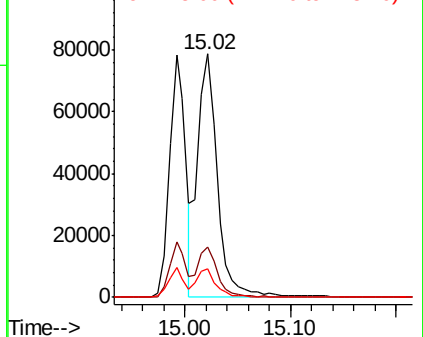
125 11.6 9.4 14.2



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: 11.396 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

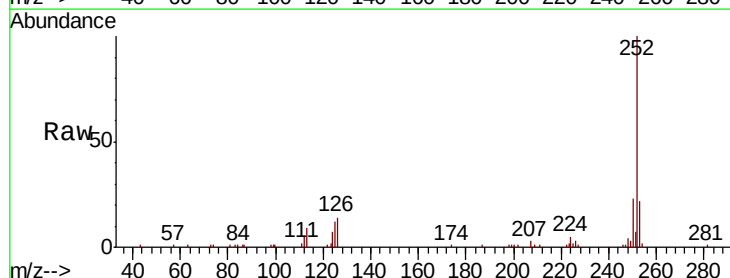
Tgt Ion:252 Resp: 82096

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

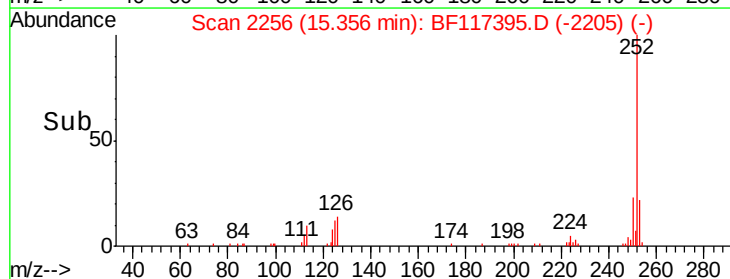
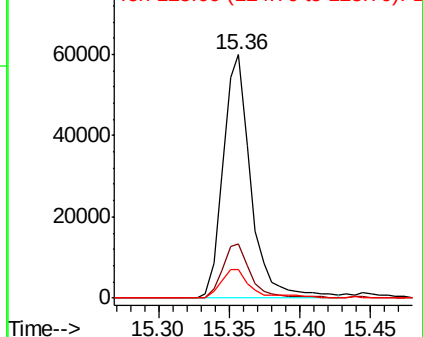
125 11.7 9.4 14.0

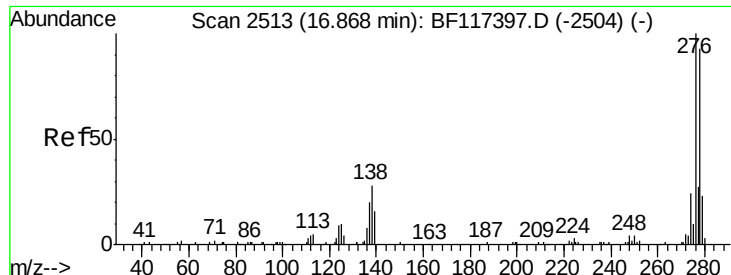


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 11.025 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

Instrument :

BNA_F

ClientSampleId :

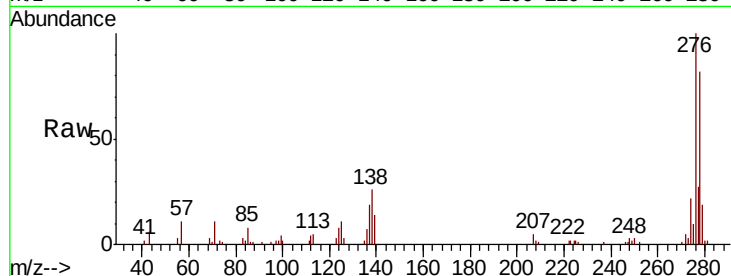
Tot Ion:278 Resp: 63272

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

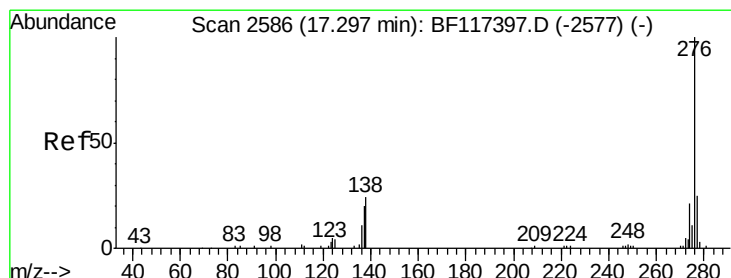
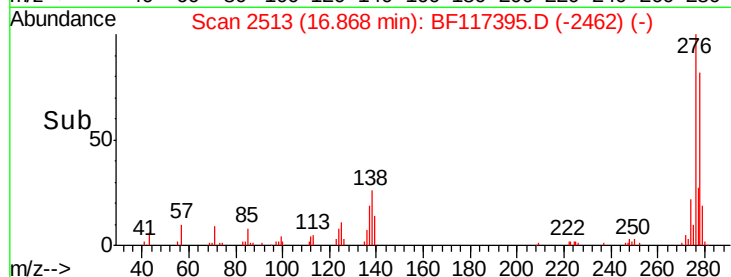
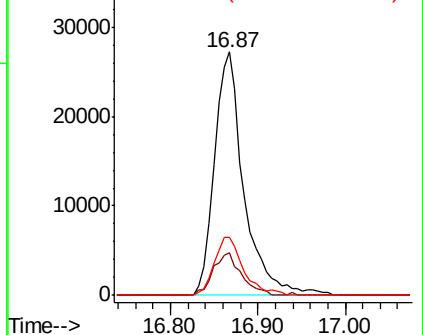
279 23.6 19.8 29.6



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: 10.119 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF117395.D

Acq: 14 Oct 2019 12:09

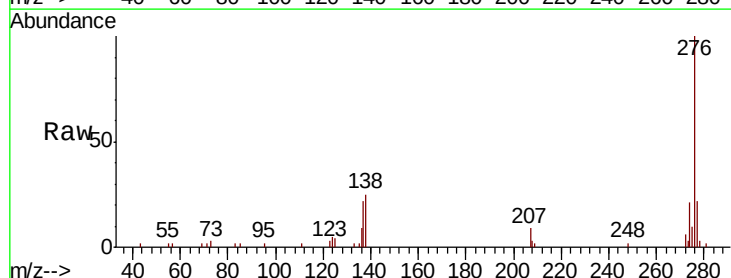
Tgt Ion:276 Resp: 57864

Ion Ratio Lower Upper

276 100

277 21.6 19.9 29.9

138 24.9 19.3 28.9



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

