

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117526.D
 Acq On : 24 Oct 2019 22:26
 Operator : JU
 Sample : K5498-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

Quant Time: Oct 25 01:08:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	52983	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	211294	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	102196	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	138346	20.00	ng	0.00
76) Chrysene-d12	13.90	240	93411	20.00	ng	0.00
87) Perylene-d12	15.33	264	76109	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	168450	47.30	ng	0.00
7) Phenol-d6	6.39	99	234548	49.03	ng	0.00
23) Nitrobenzene-d5	7.30	82	139713	32.64	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	36274	41.02	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	211054	29.10	ng	0.00
79) Terphenyl-d14	12.83	244	132561	23.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.12	79	6322	1.725	ng	# 32
6) Aniline	6.41	93	110	0.020	ng	# 1
9) Benzaldehyde	6.29	77	1391	Below Cal		# 1
10) Phenol	6.40	94	6045	1.238	ng	# 73
11) bis(2-Chloroethyl)ether	6.50	93	114	0.032	ng	# 1
12) 1,3-Dichlorobenzene	6.76	146	129	0.031	ng	# 26
13) 1,4-Dichlorobenzene	6.76	146	129	0.030	ng	# 25
14) 1,2-Dichlorobenzene	6.76	146	129	0.032	ng	# 23
15) Benzyl Alcohol	6.89	79	3159	0.924	ng	# 61
18) Hexachloroethane	7.24	117	3543	2.134	ng	# 12
19) n-Nitroso-di-n-propylamine	7.30	70	19148	6.555	ng	# 78
22) Acetophenone	7.16	105	1286	0.229	ng	# 55
24) Nitrobenzene	7.30	77	1124	0.274	ng	# 41
25) Isophorone	7.30	82	139729	18.872	ng	# 65
26) 2-Nitrophenol	7.59	139	848	0.464	ng	# 1
27) 2,4-Dimethylphenol	7.59	122	127	0.046	ng	# 1
28) bis(2-Chloroethoxy)methane	7.79	93	128	0.028	ng	# 50
31) Naphthalene	8.04	128	12879	1.230	ng	# 86
32) Benzoic acid	7.59	122	127	0.068	ng	# 1
33) 4-Chloroaniline	8.04	127	1765	0.399	ng	# 20
35) Caprolactam	8.72	113	364	0.395	ng	# 20
36) 4-Chloro-3-methylphenol	8.79	107	1146	0.351	ng	# 22
37) 2-Methylnaphthalene	8.73	142	3174	0.450	ng	# 38
38) 1-Methylnaphthalene	8.83	142	3763	0.567	ng	# 77
46) 1,1'-Biphenyl	9.19	154	883	0.104	ng	# 90
47) 2-Chloronaphthalene	9.48	162	131	0.021	ng	# 1
48) 2-Nitroaniline	9.33	65	216	0.103	ng	# 25
49) Acenaphthylene	9.63	152	7163	0.764	ng	# 95
50) Dimethylphthalate	9.49	163	30370	4.169	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	13651	8.979	ng	# 27
52) Acenaphthene	9.80	154	4000	0.696	ng	# 95
55) Dibenzofuran	9.97	168	3092	0.371	ng	# 91
56) 4-Nitrophenol	9.97	139	1090	5.348	ng	# 44
57) 2,4-Dinitrotoluene	9.77	165	13651	6.754	ng	# 16

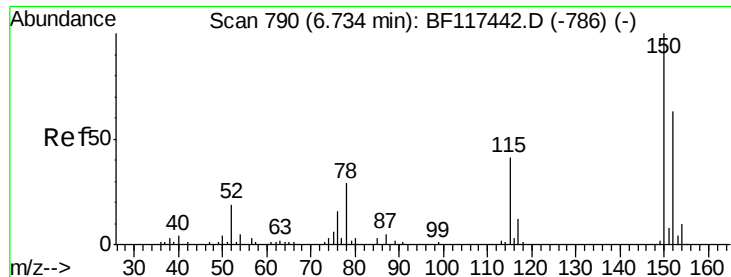
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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Quant Time: Oct 25 01:08:12 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.32	166	4953	0.719	ng	# 89
60) Diethylphthalate	10.19	149	137	0.019	ng	# 60
63) Azobenzene	10.47	77	774	0.103	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.62	198	118	0.168	ng	# 1
66) n-Nitrosodiphenylamine	10.43	169	485	0.096	ng	# 72
67) 4-Bromophenyl-phenylether	10.56	248	2189	1.469	ng	# 1
71) Phenanthrene	11.28	178	67802	8.440	ng	98
72) Anthracene	11.33	178	15017	1.822	ng	97
73) Carbazole	11.49	167	4895	0.650	ng	# 89
74) Di-n-butylphthalate	11.81	149	1690	0.168	ng	# 26
75) Fluoranthene	12.47	202	98678	12.270	ng	98
77) Benzidine	12.83	184	2092	Below Cal		# 80
78) Pyrene	12.70	202	91895	11.453	ng	99
80) Butylbenzylphthalate	13.30	149	1112	0.279	ng	# 1
81) Benzo(a)anthracene	13.89	228	44337	7.037	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	478	0.242	ng	# 41
83) Chrysene	13.93	228	44297	7.173	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	6765	1.210	ng	# 97
85) Di-n-octyl phthalate	14.47	149	690	0.080	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.75	276	15407	3.342	ng	# 91
88) Benzo(b)fluoranthene	14.93	252	59757	13.296	ng	# 94
89) Benzo(k)fluoranthene	14.93	252	59757	12.973	ng	# 94
90) Benzo(a)pyrene	15.27	252	28820	7.053	ng	# 88
91) Dibenzo(a,h)anthracene	16.75	278	5261	1.489	ng	# 25
92) Benzo(g,h,i)perylene	17.18	276	14314	4.282	ng	98

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

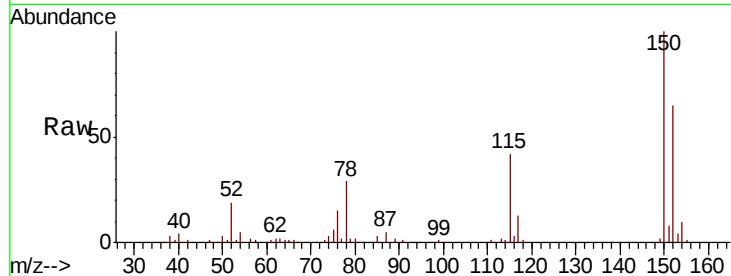


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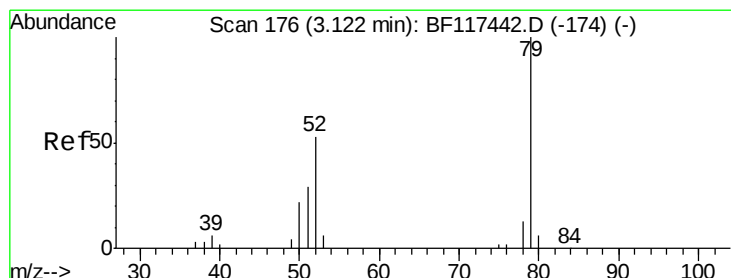
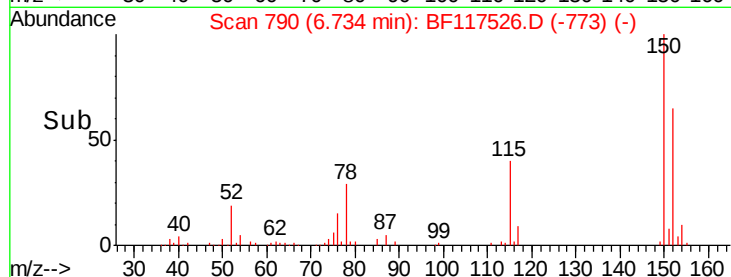
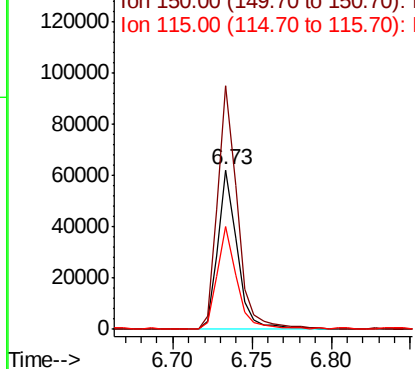
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion:152 Resp: 52983
Ion Ratio Lower Upper
152 100
150 153.0 126.8 190.2
115 64.6 51.6 77.4



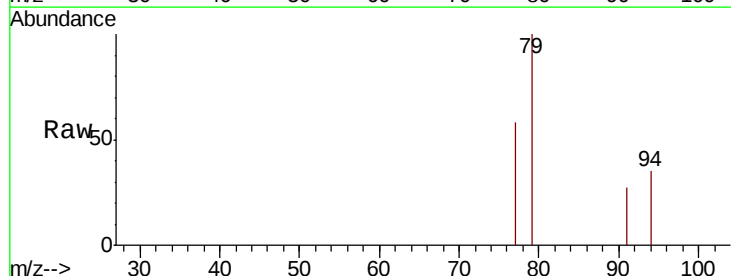
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



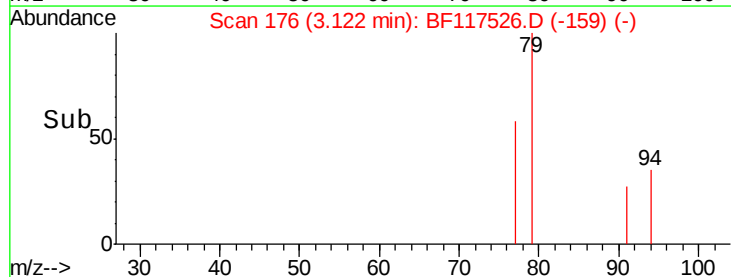
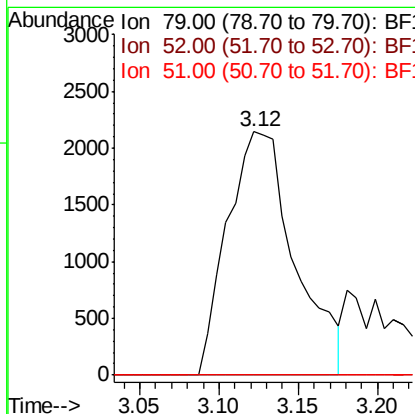
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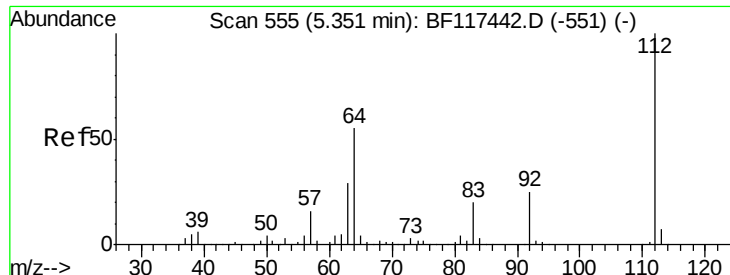
Pyridine
Concen: 1.725 ng
RT: 3.12 min Scan# 176
Delta R.T. -0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 79 Resp: 6322
Ion Ratio Lower Upper
79 100
52 0.0 42.4 63.6#
51 0.0 23.3 34.9#



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





#5

2-Fluorophenol

Concen: 47.299 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

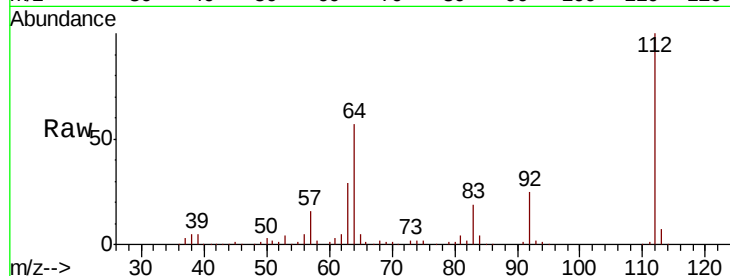
Tot Ion:112 Resp: 168450

Ion Ratio Lower Upper

112 100

64 57.1 44.1 66.1

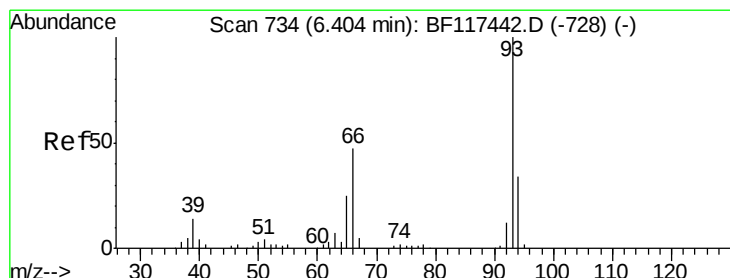
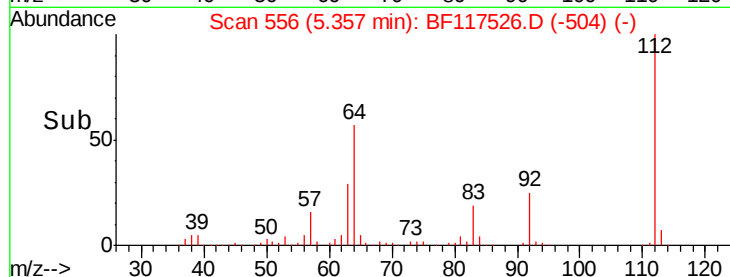
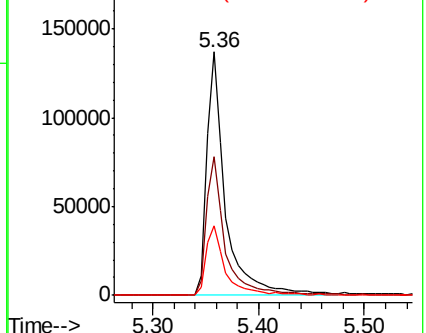
63 28.8 23.4 35.2



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: 0.020 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

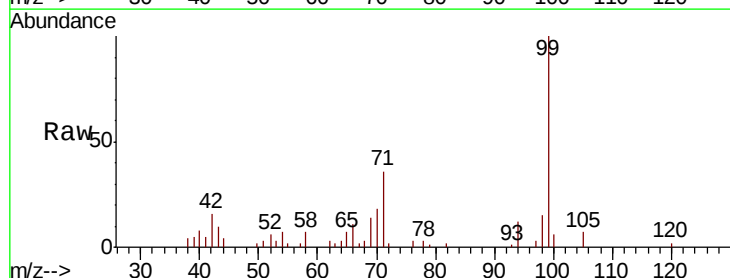
Tgt Ion: 93 Resp: 110

Ion Ratio Lower Upper

93 100

66 739.6 38.7 58.1#

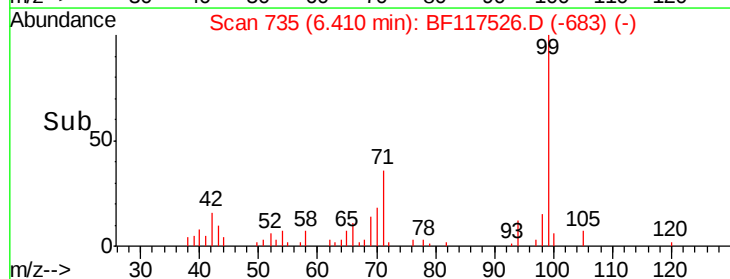
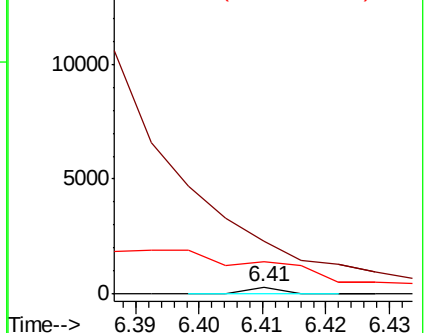
65 453.7 20.1 30.1#

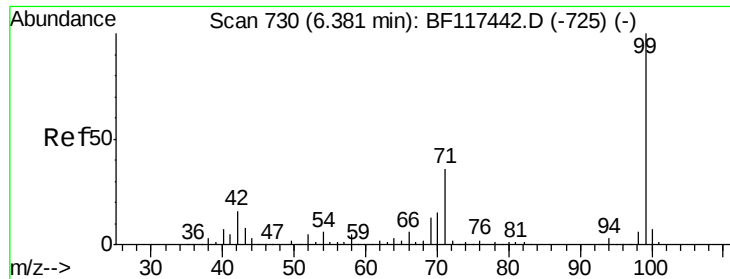


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 49.034 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampled :

191-52-(0-1)

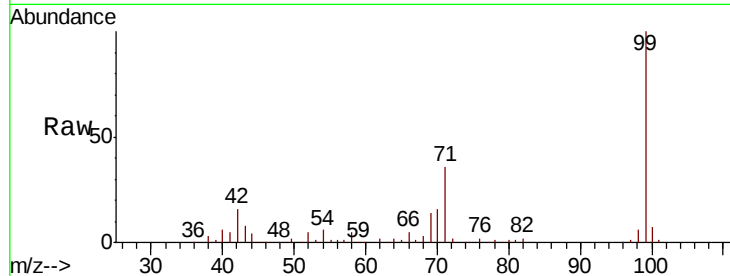
Tot Ion: 99 Resp: 234548

Ion Ratio Lower Upper

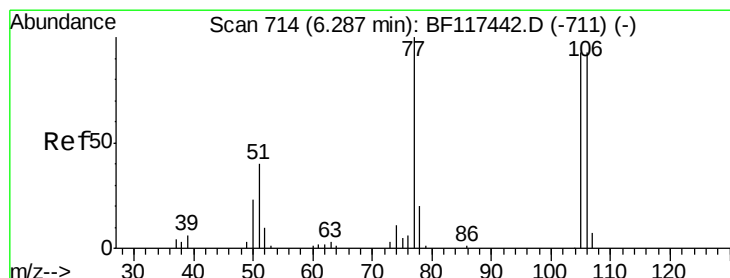
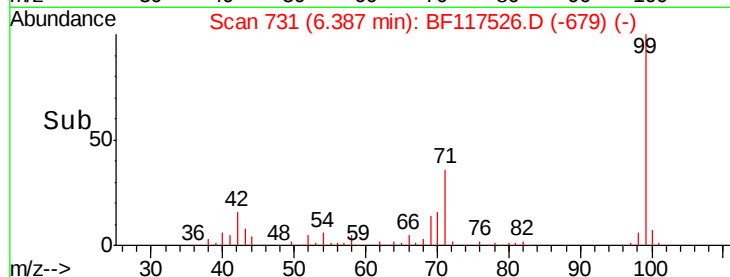
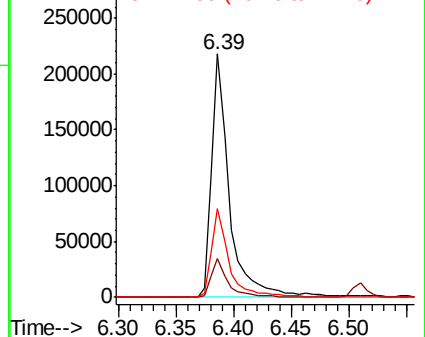
99 100

42 16.1 12.8 19.2

71 36.5 28.6 43.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

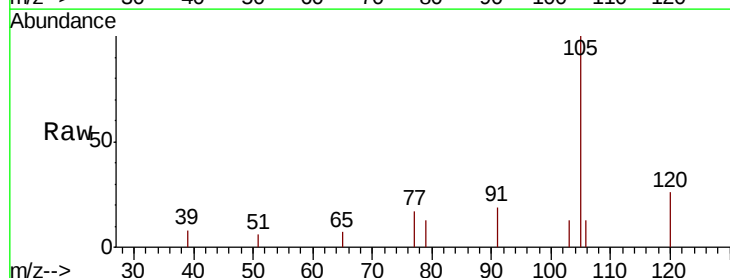
Tgt Ion: 77 Resp: 1391

Ion Ratio Lower Upper

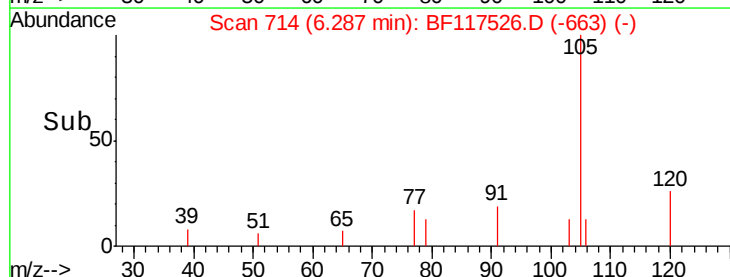
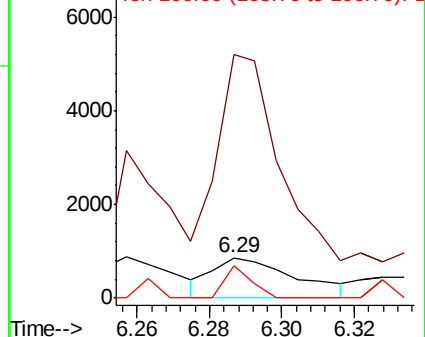
77 100

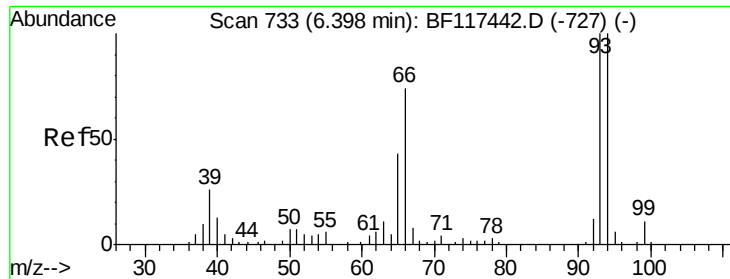
105 599.3 73.4 113.4#

106 80.2 73.0 113.0



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

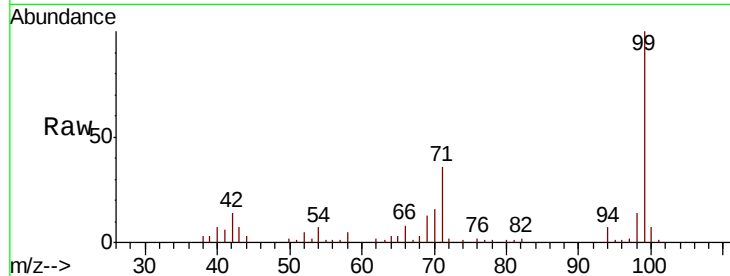




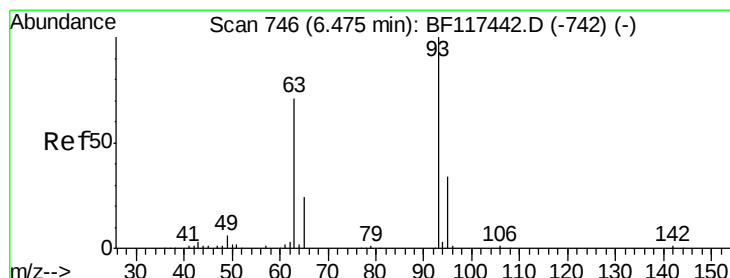
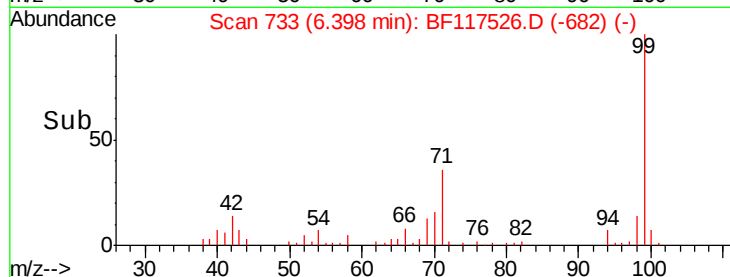
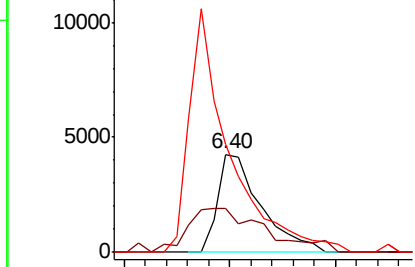
#10
Phenol
Concen: 1.238 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion: 94 Resp: 6045
Ion Ratio Lower Upper
94 100
65 44.5 23.4 63.4
66 110.7 54.7 94.7#

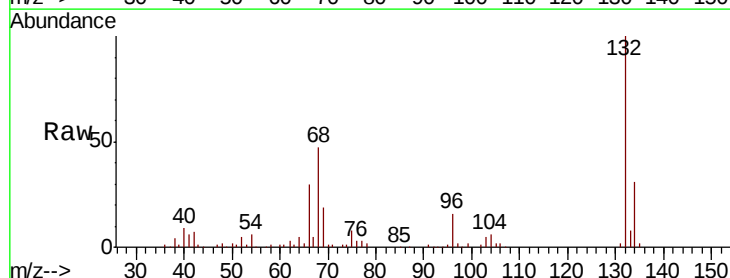


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

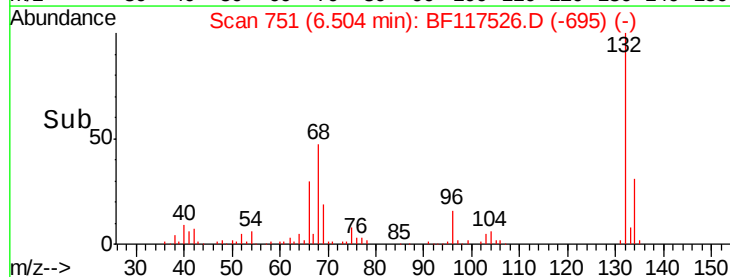
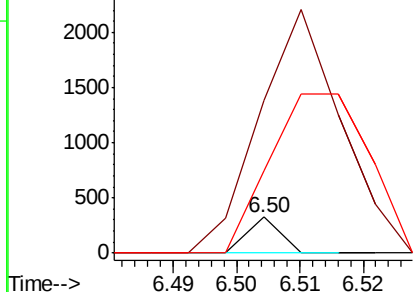


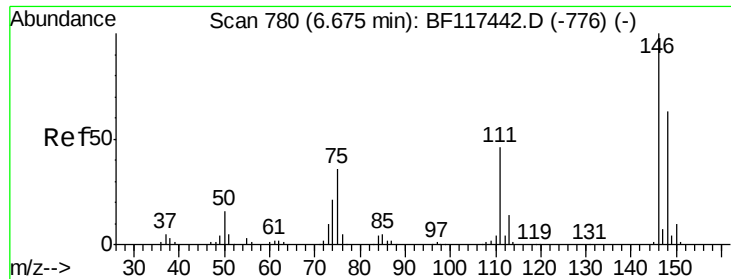
#11
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 93 Resp: 114
Ion Ratio Lower Upper
93 100
63 427.8 50.2 90.2#
95 229.9 13.9 53.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

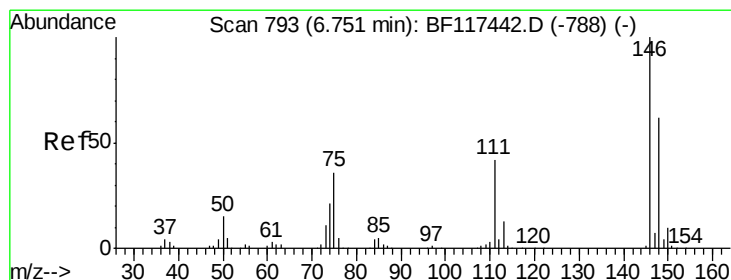
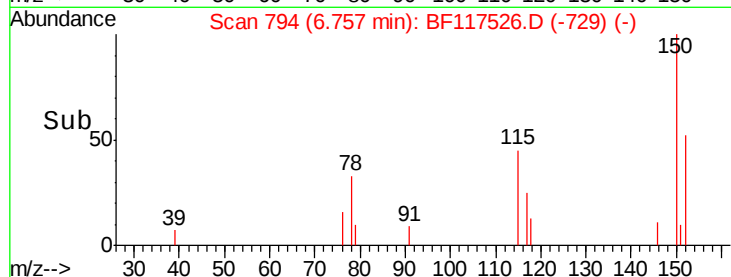
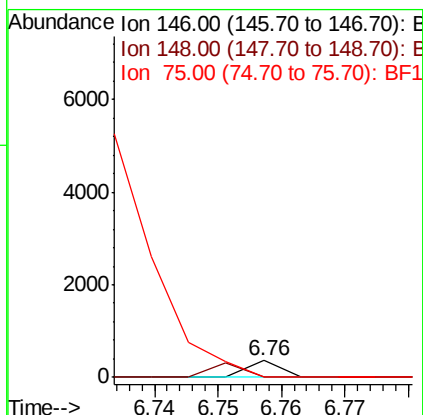
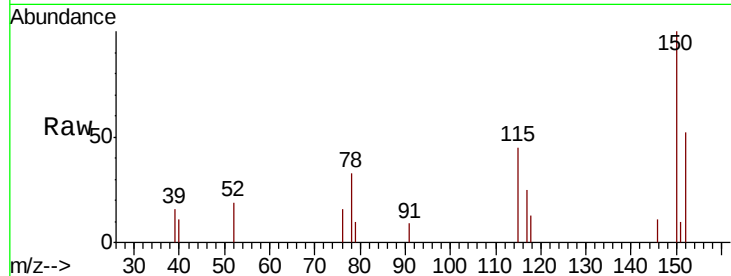




#12
 1,3-Dichlorobenzene
 Concen: 0.031 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.08 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

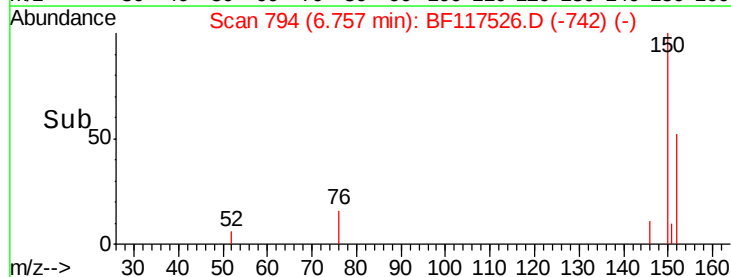
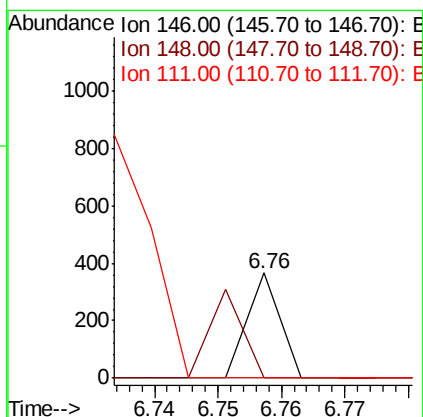
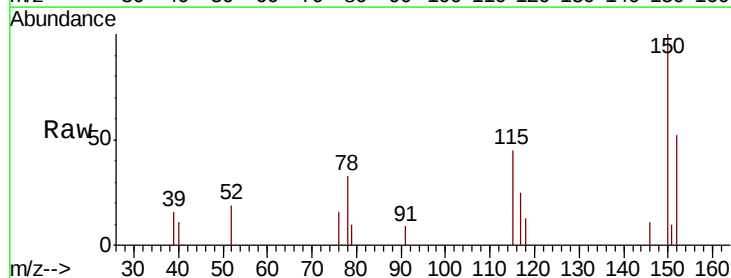
Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

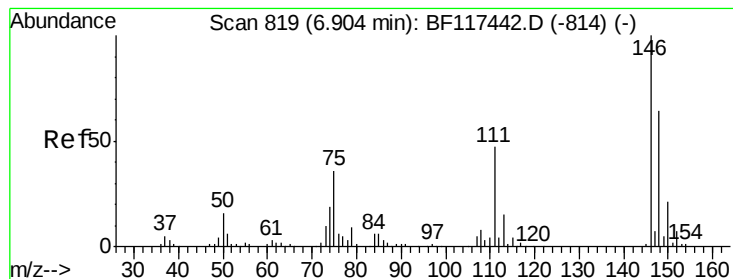
Tot Ion:146 Resp: 129
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.6 75.8#
 75 0.0 28.6 43.0#



#13
 1,4-Dichlorobenzene
 Concen: 0.030 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:146 Resp: 129
 Ion Ratio Lower Upper
 146 100
 148 0.0 49.3 73.9#
 111 0.0 33.6 50.4#

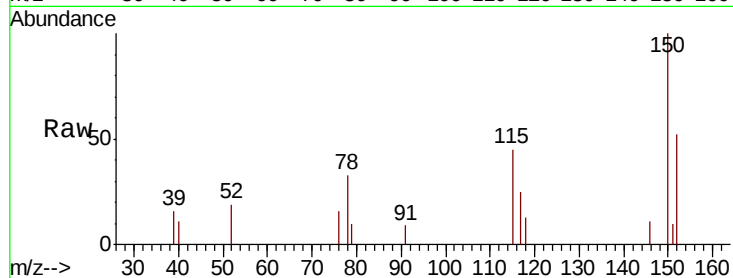




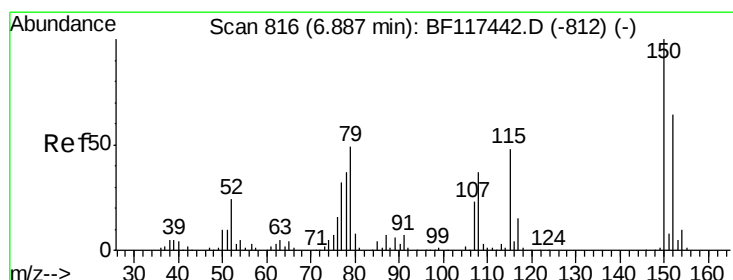
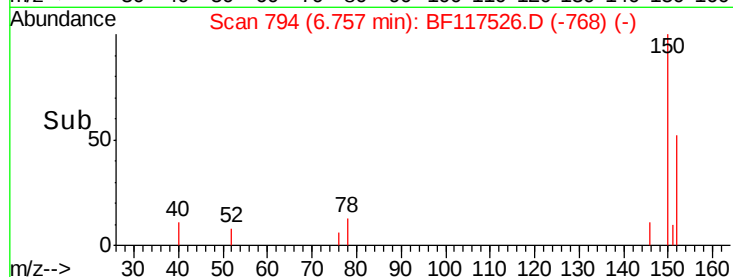
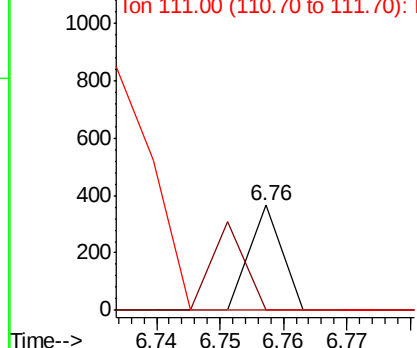
#14
1,2-Dichlorobenzene
Concen: 0.032 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.15 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampled :
191-52-(0-1)

Tot Ion:146 Resp: 129
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.0#
111 0.0 37.7 56.5#

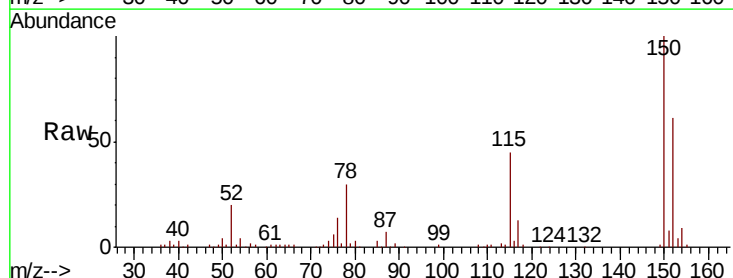


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

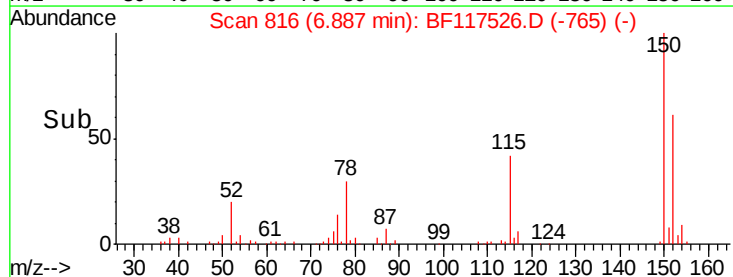
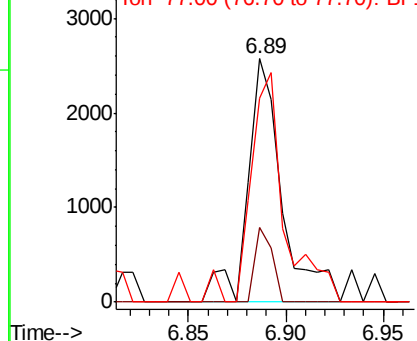


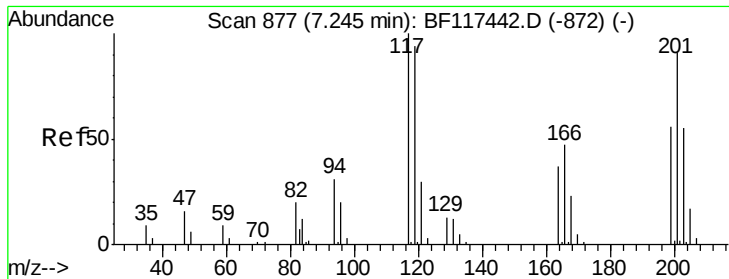
#15
Benzyl Alcohol
Concen: 0.924 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 79 Resp: 3159
Ion Ratio Lower Upper
79 100
108 30.6 59.8 89.8#
77 83.5 51.4 77.0#



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

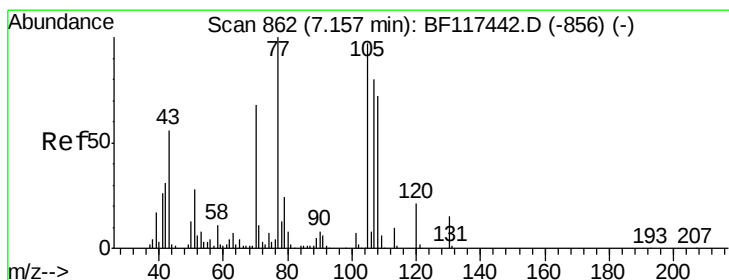
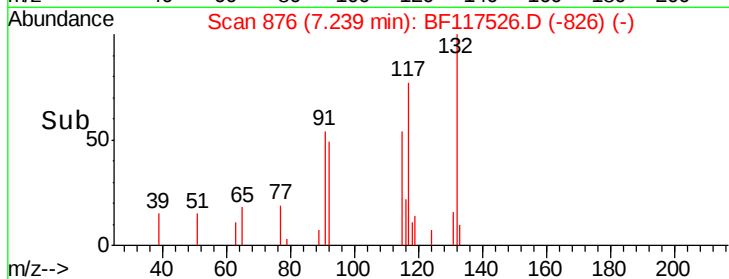
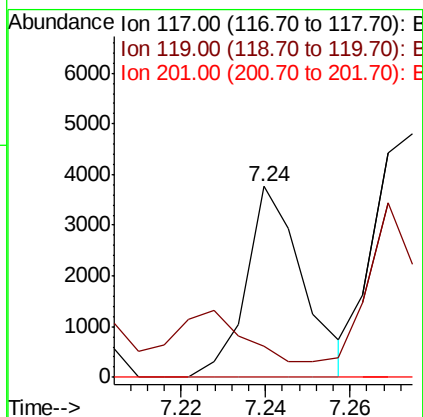
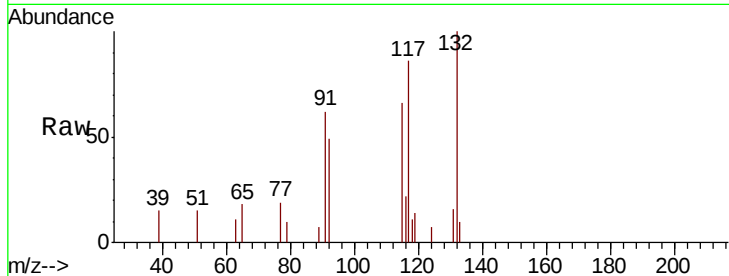




#18
Hexachloroethane
Concen: 2.134 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

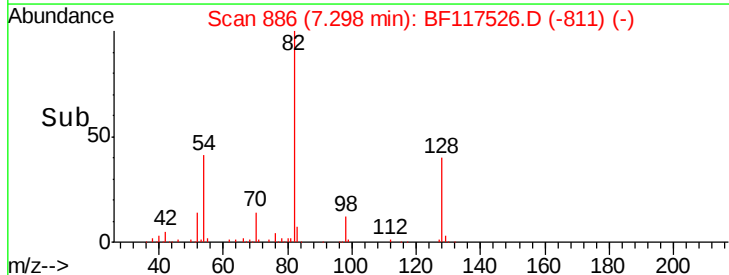
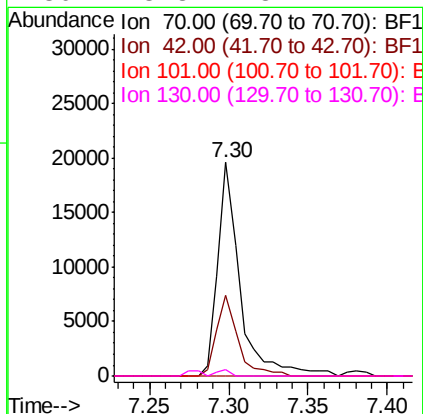
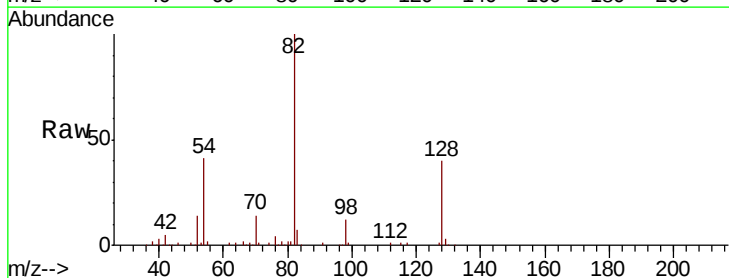
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

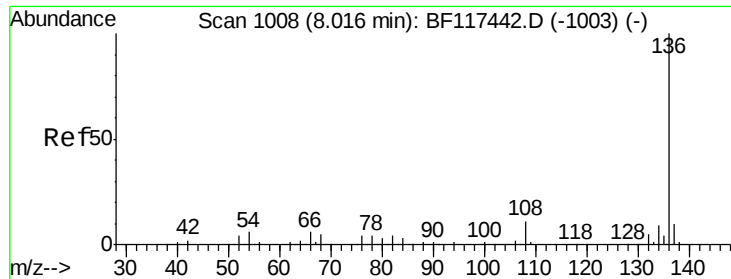
Tot Ion:117 Resp: 3543
Ion Ratio Lower Upper
117 100
119 16.6 75.4 113.0#
201 0.0 72.5 108.7#



#19
n-Nitroso-di-n-propylamine
Concen: 6.555 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 70 Resp: 19148
Ion Ratio Lower Upper
70 100
42 38.1 36.7 55.1
101 0.0 8.3 12.5#
130 3.3 18.1 27.1#

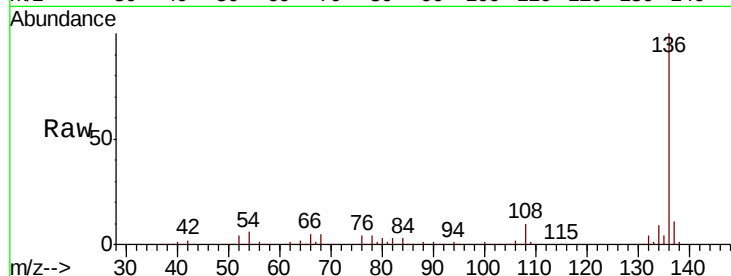




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion:	136	Resp:	211294
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	6.3	4.5	6.7
68	5.3	4.3	6.5



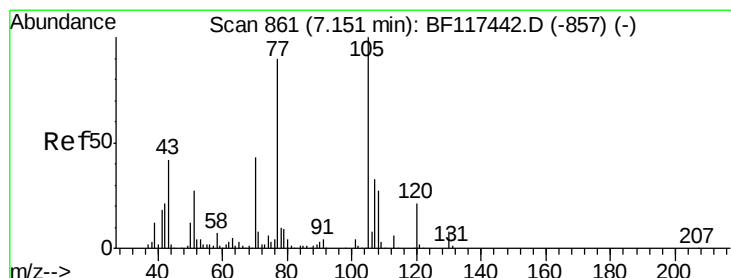
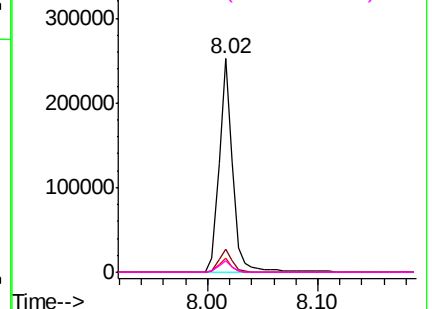
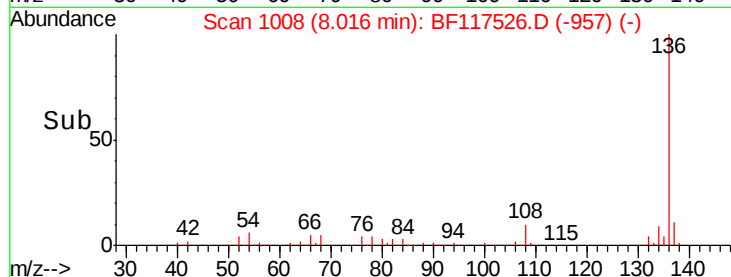
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

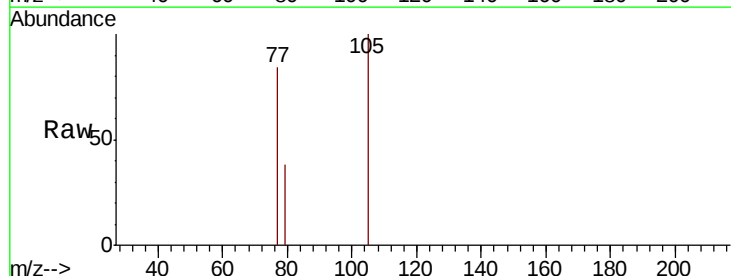
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 0.229 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:	105	Resp:	1286
Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.2	9.2#
51	0.0	21.8	32.6#
120	0.0	16.7	25.1#



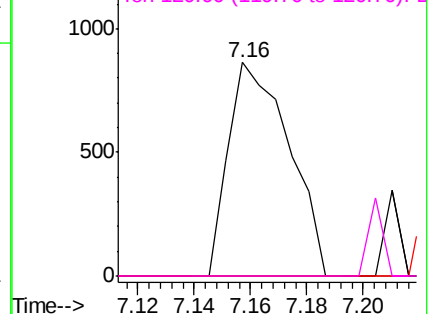
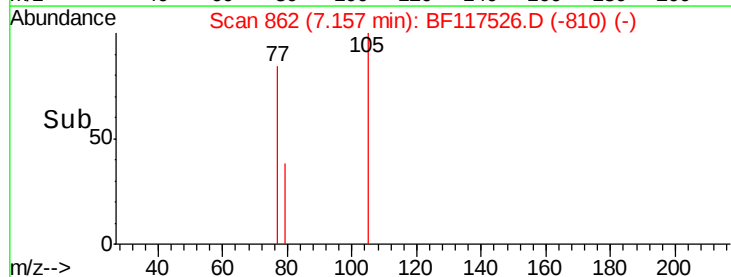
Abundance

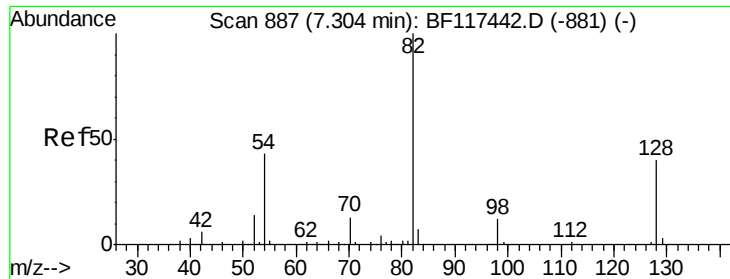
Ion 105.00 (104.70 to 105.70): E

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

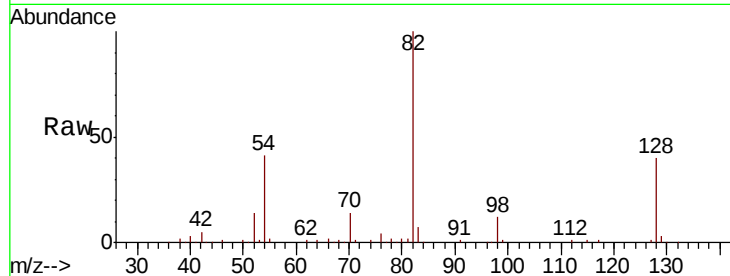




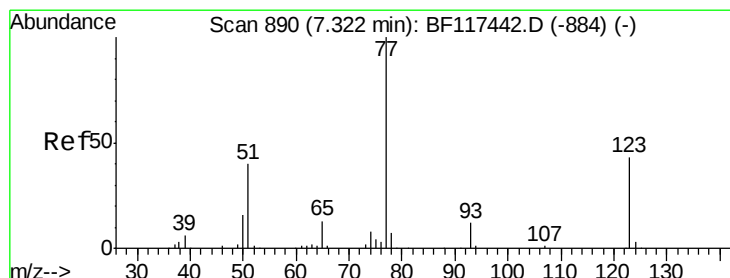
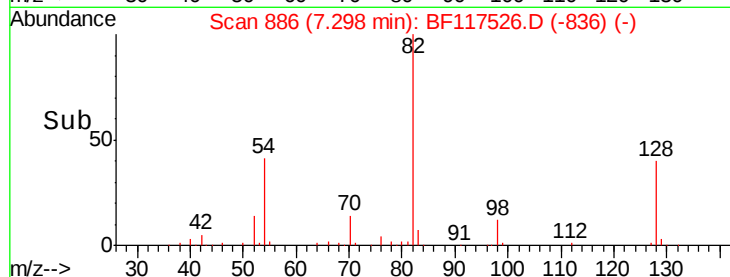
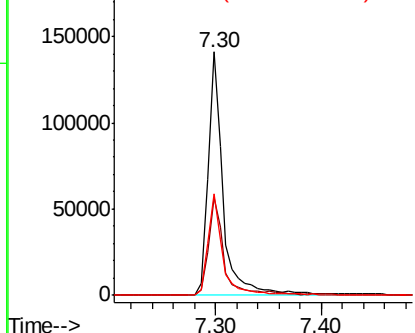
#23
Nitrobenzene-d5
Concen: 32.643 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion: 82 Resp: 139713
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 41.5 34.2 51.2

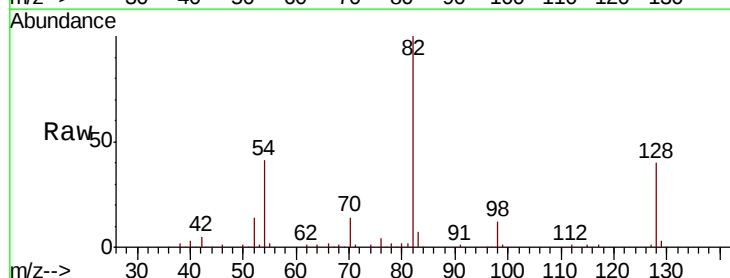


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

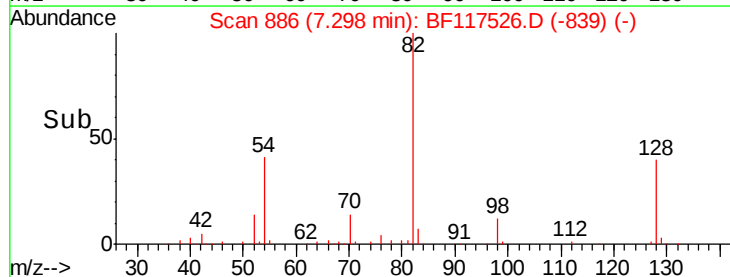
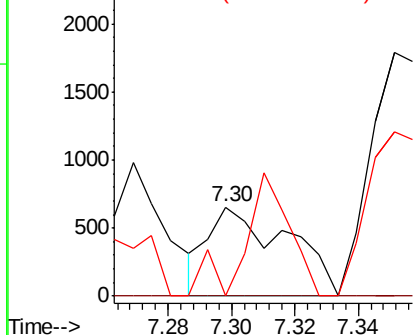


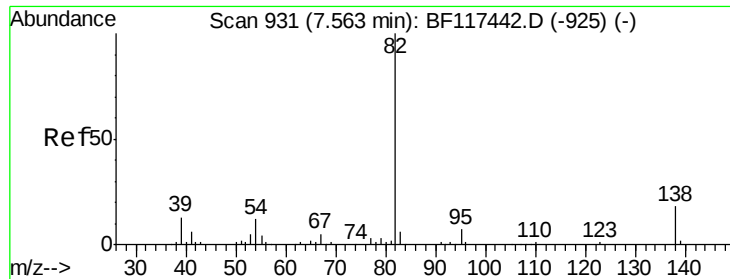
#24
Nitrobenzene
Concen: 0.274 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 77 Resp: 1124
Ion Ratio Lower Upper
77 100
123 0.0 34.2 51.2#
65 0.0 10.3 15.5#



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





#25

Isophorone

Concen: 18.872 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

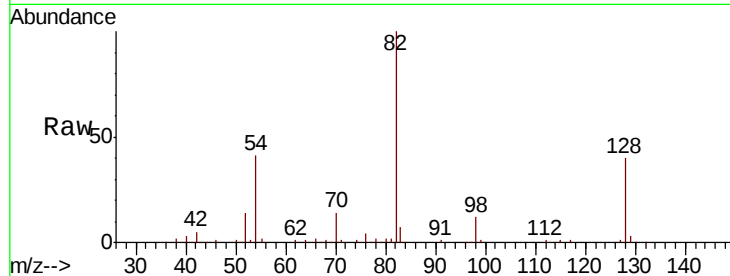
Tot Ion: 82 Resp: 139729

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

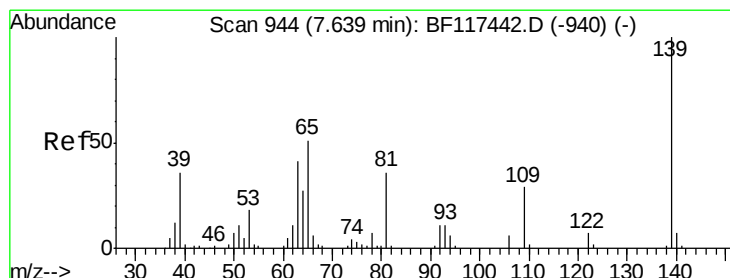
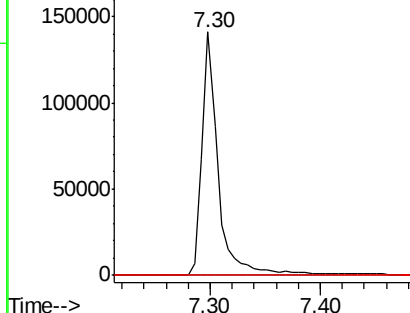
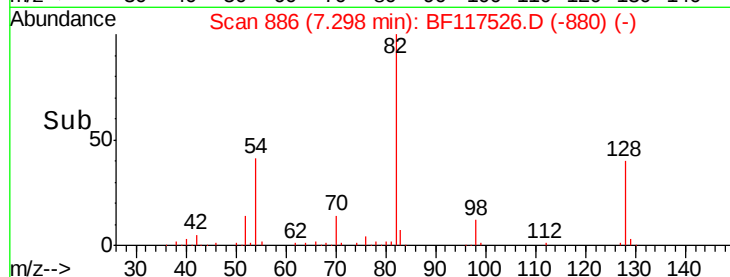
138 0.0 14.2 21.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.464 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

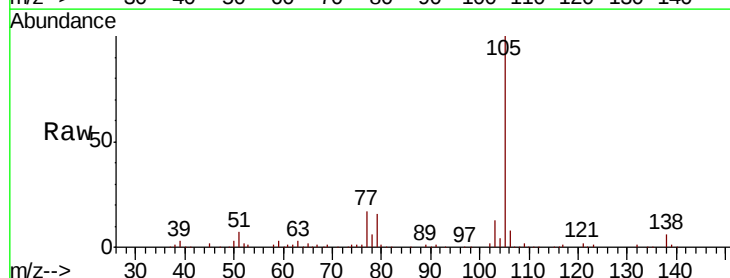
Tgt Ion: 139 Resp: 848

Ion Ratio Lower Upper

139 100

109 358.8 23.2 34.8#

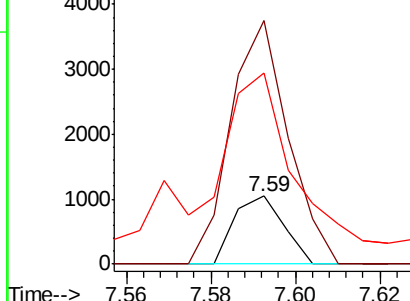
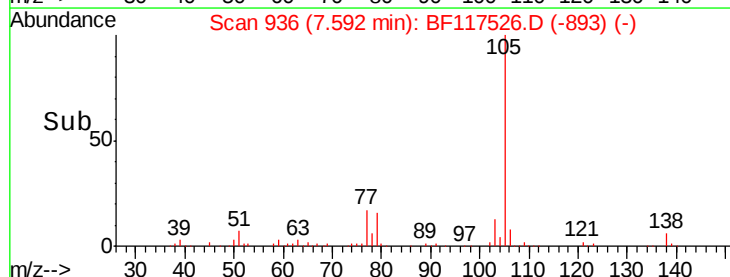
65 282.1 41.1 61.7#

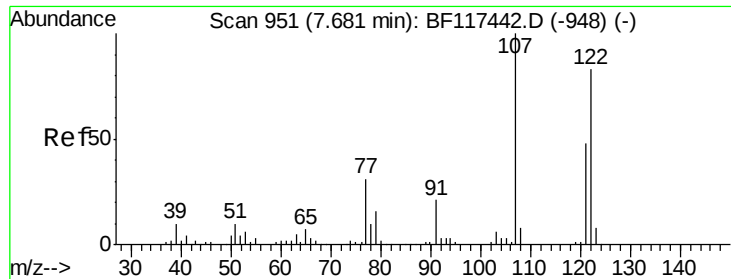


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.046 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.09 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

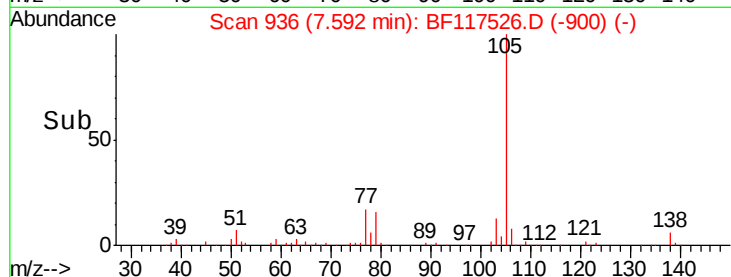
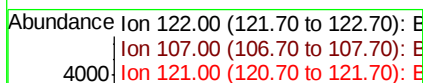
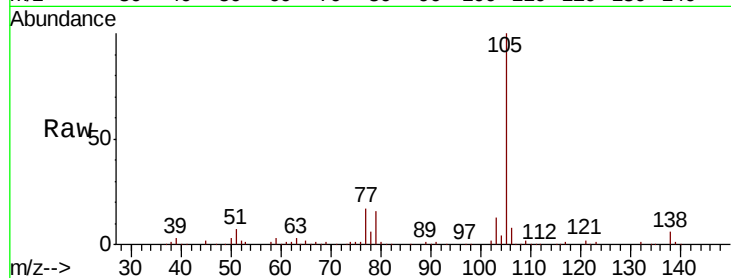
Tot Ion:122 Resp: 127

Ion Ratio Lower Upper

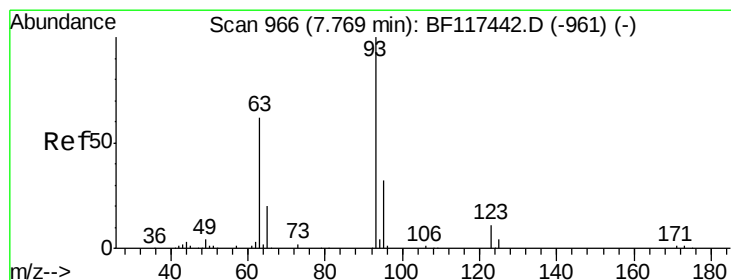
122 100

107 151.8 96.8 145.2#

121 891.4 46.4 69.6#



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.028 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.02 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

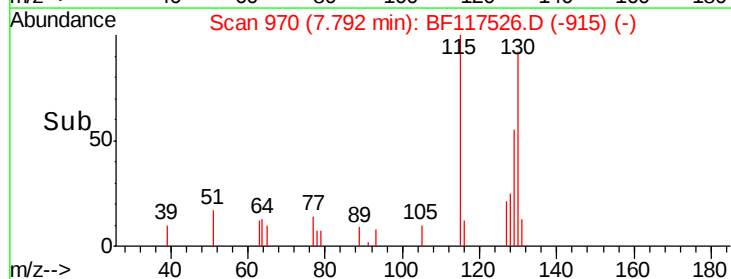
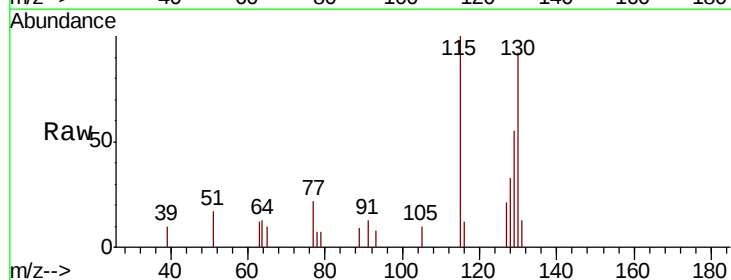
Tgt Ion: 93 Resp: 128

Ion Ratio Lower Upper

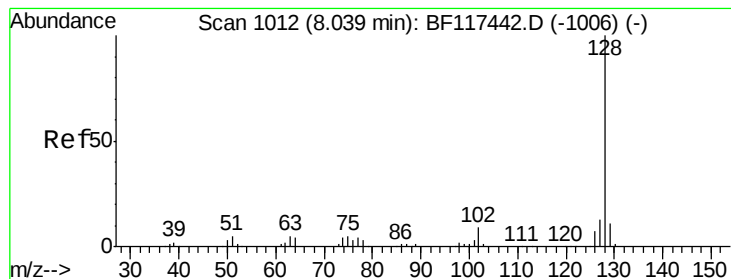
93 100

95 0.0 25.5 38.3#

123 0.0 9.0 13.6#



Time-->



#31

Naphthalene

Concen: 1.230 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

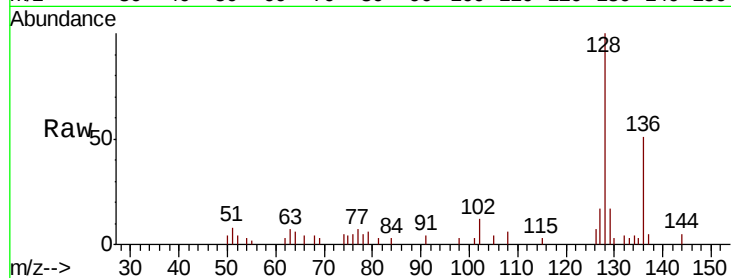
Tot Ion:128 Resp: 12879

Ion Ratio Lower Upper

128 100

129 17.4 9.0 13.4#

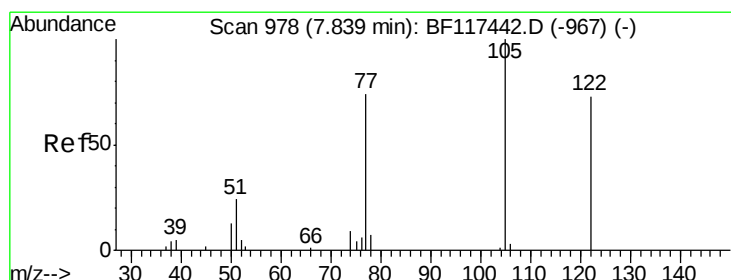
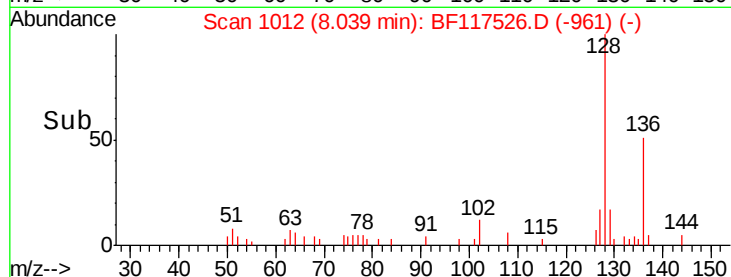
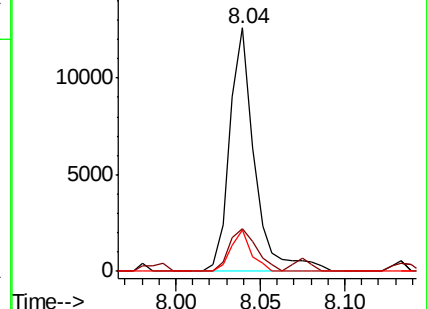
127 17.2 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.068 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.25 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

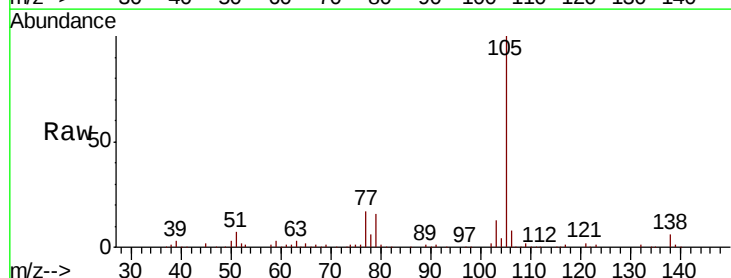
Tgt Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

105 47246.5 115.0 155.0#

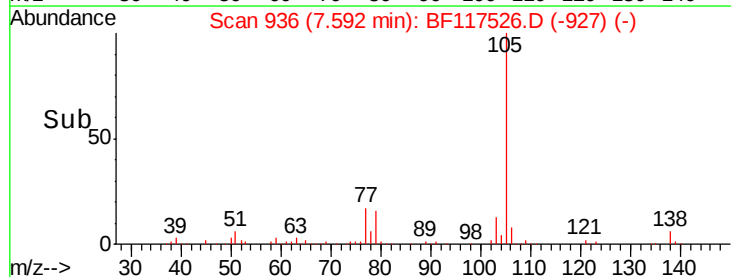
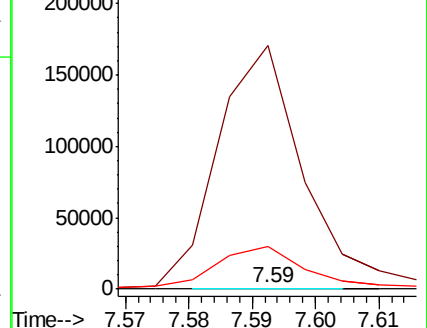
77 8208.3 79.7 119.7#

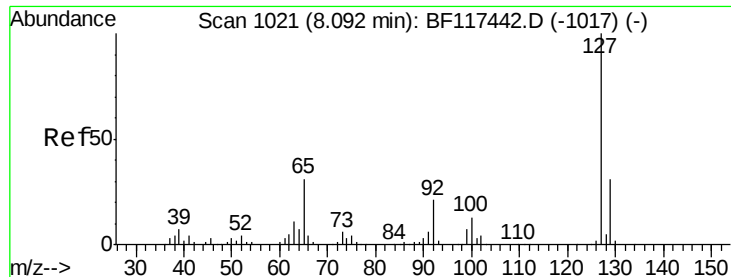


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

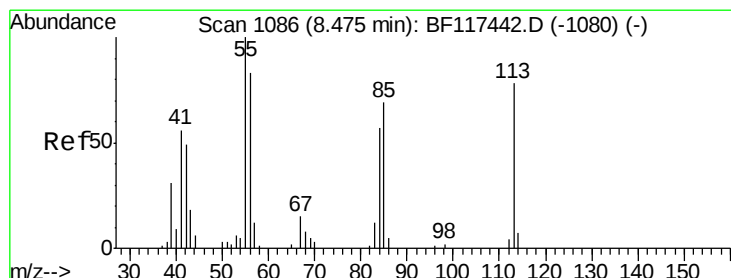
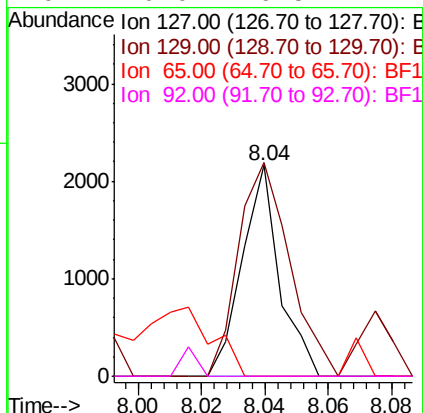
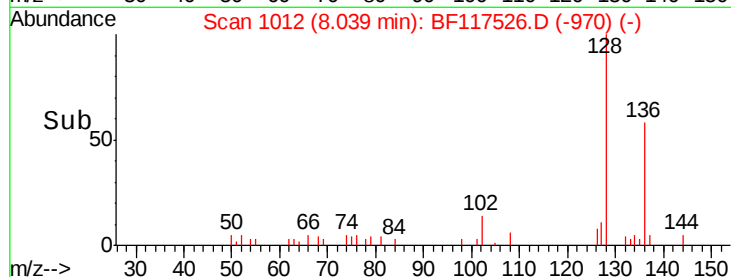
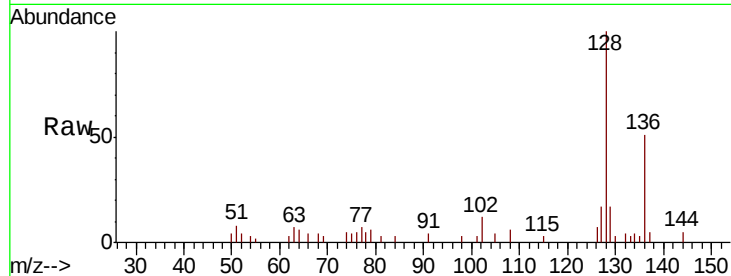




#33
4-Chloroaniline
Concen: 0.399 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

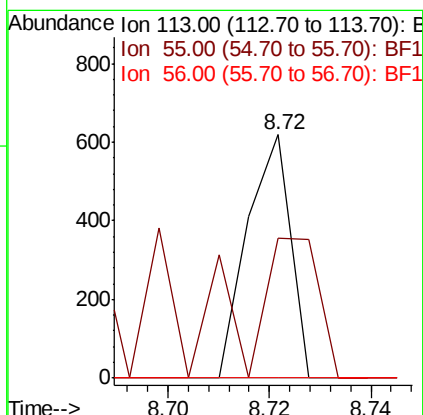
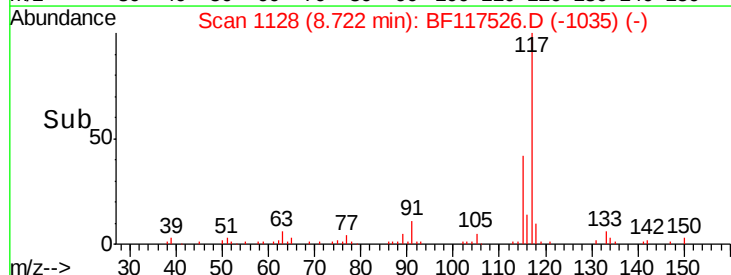
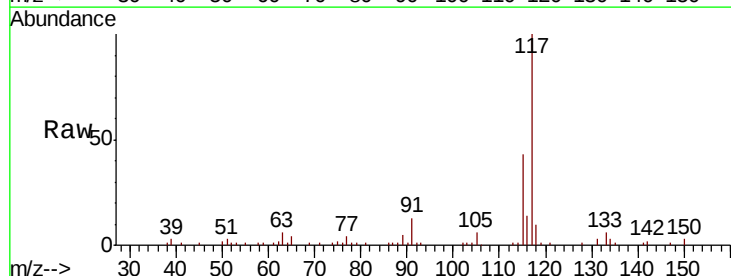
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

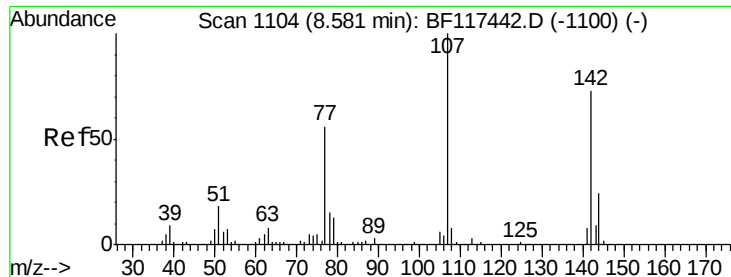
Tot Ion	Ratio	Lower	Upper
127	100		
129	101.2	24.8	37.2#
65	0.0	24.6	37.0#
92	0.0	16.5	24.7#



#35
Caprolactam
Concen: 0.395 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.25 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
113	100		
55	57.4	108.8	148.8#
56	0.0	87.2	127.2#

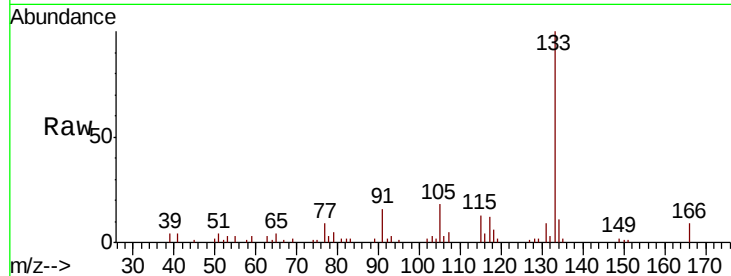




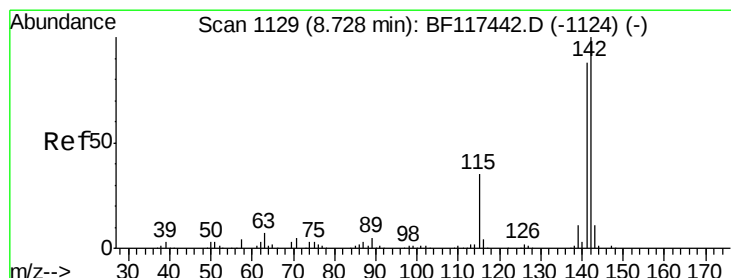
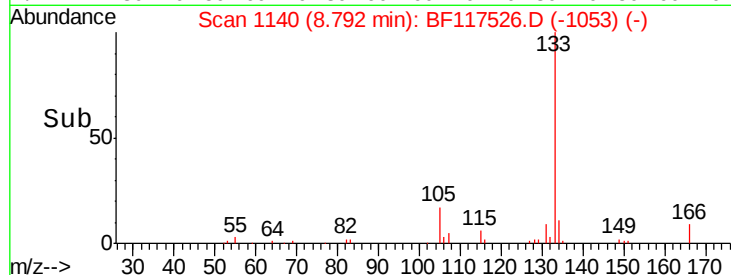
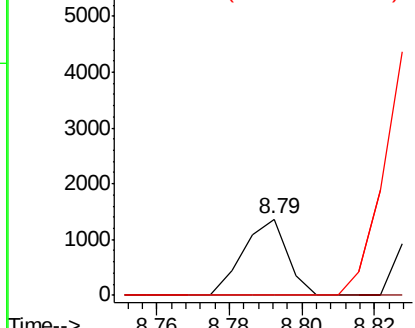
#36
 4-Chloro-3-methylphenol
 Concen: 0.351 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.21 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

Tot Ion:107 Resp: 1146
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.9 28.3#
 142 0.0 58.6 88.0#

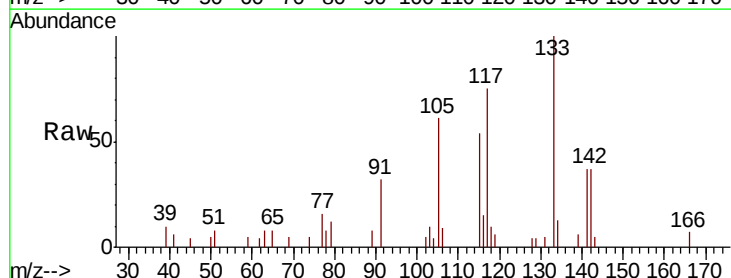


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

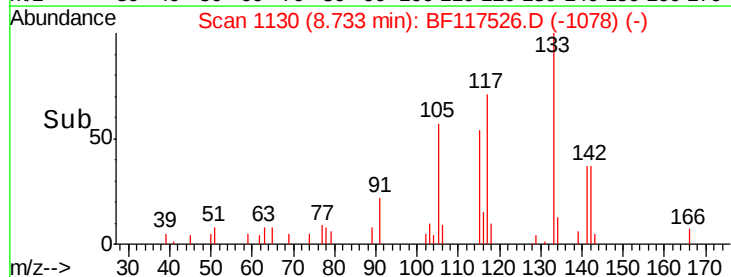
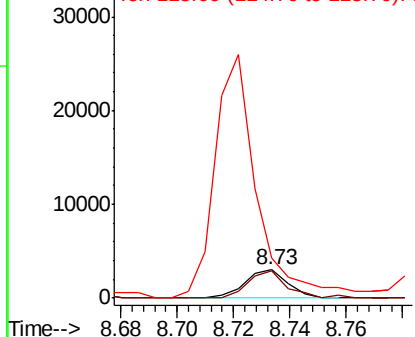


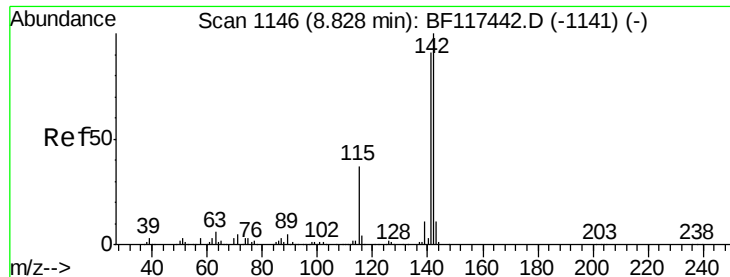
#37
 2-Methylnaphthalene
 Concen: 0.450 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:142 Resp: 3174
 Ion Ratio Lower Upper
 142 100
 141 99.0 70.3 105.5
 115 143.5 28.2 42.2#



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

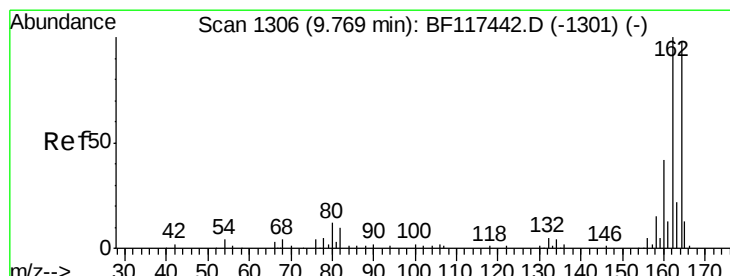
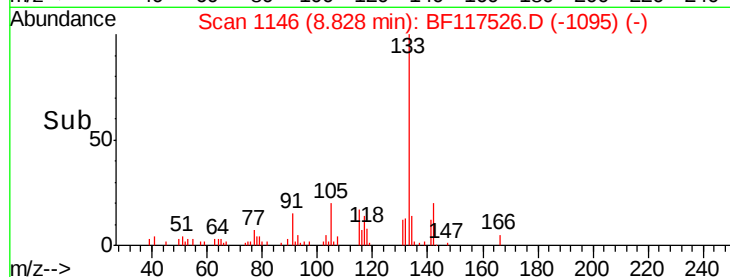
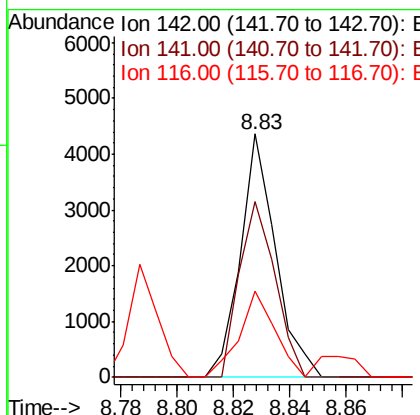
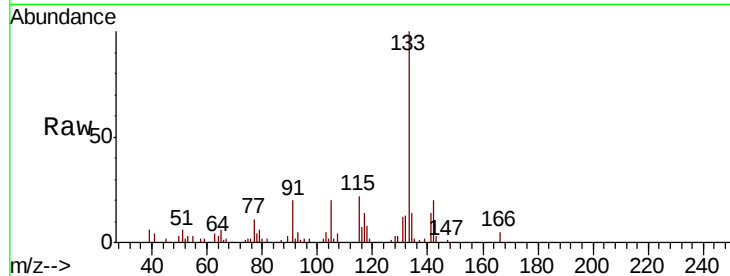




#38
 1-Methylnaphthalene
 Concen: 0.567 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

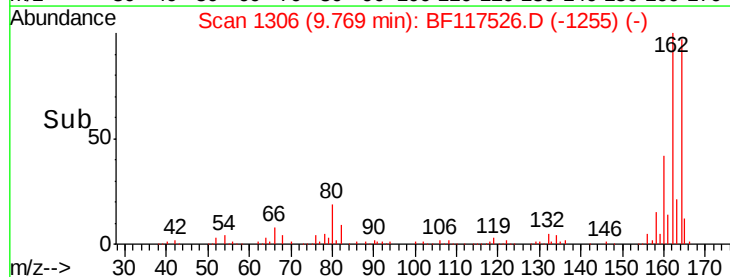
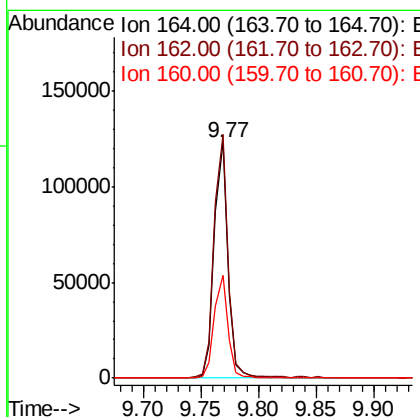
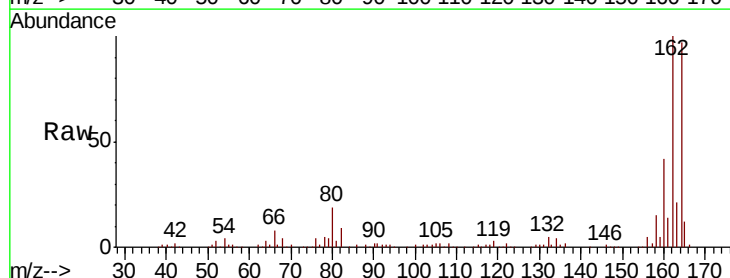
Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

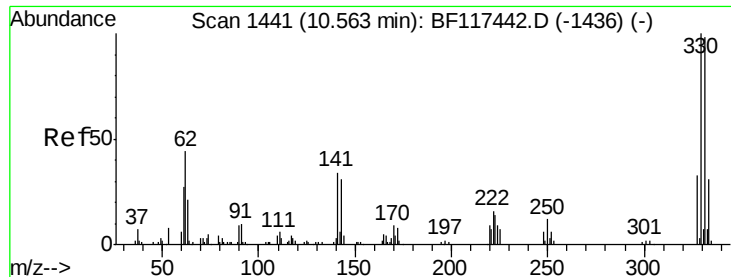
Tot Ion:142 Resp: 3763
 Ion Ratio Lower Upper
 142 100
 141 72.4 73.3 109.9#
 116 35.4 3.1 4.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:164 Resp: 102196
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.8 122.6
 160 43.7 34.4 51.6

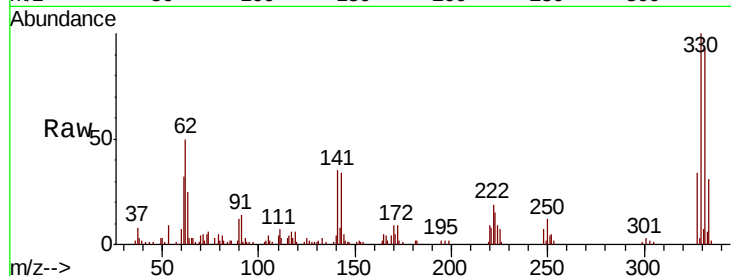




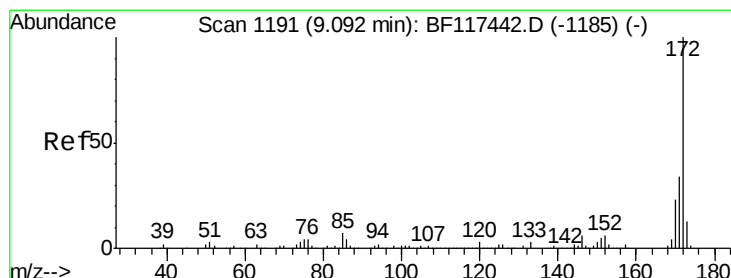
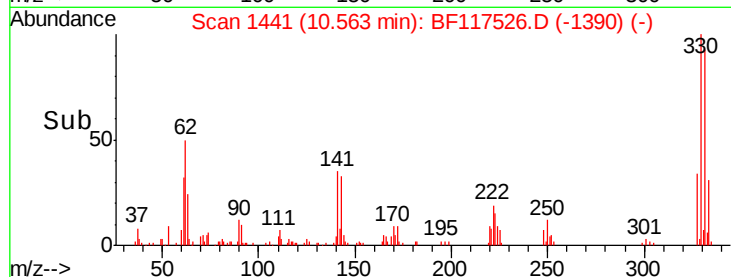
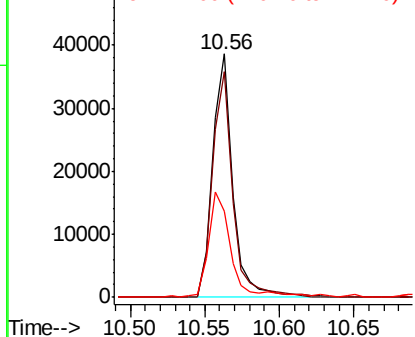
#42
 2,4,6-Tribromophenol
 Concen: 41.022 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

Tot Ion:330 Resp: 36274
 Ion Ratio Lower Upper
 330 100
 332 93.1 78.5 117.7
 141 49.2 37.0 55.6

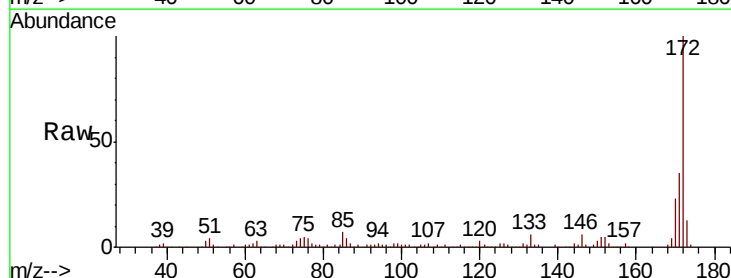


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

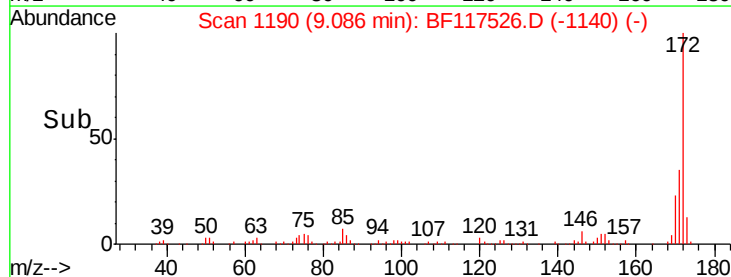
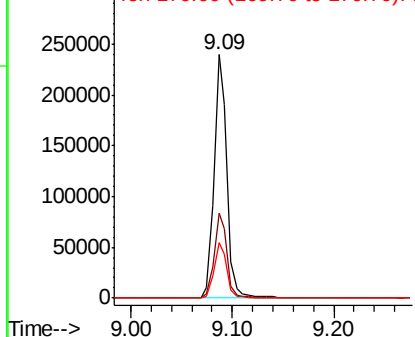


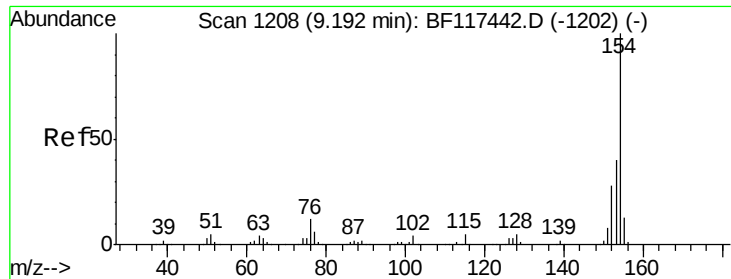
#45
 2-Fluorobiphenyl
 Concen: 29.098 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:172 Resp: 211054
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.5 41.3
 170 22.8 18.6 27.8



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

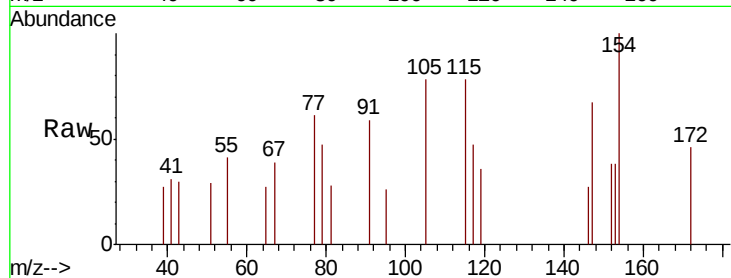




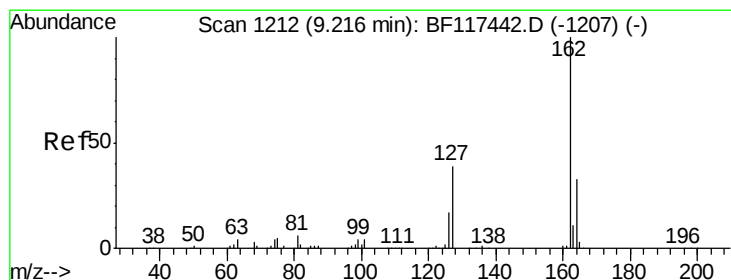
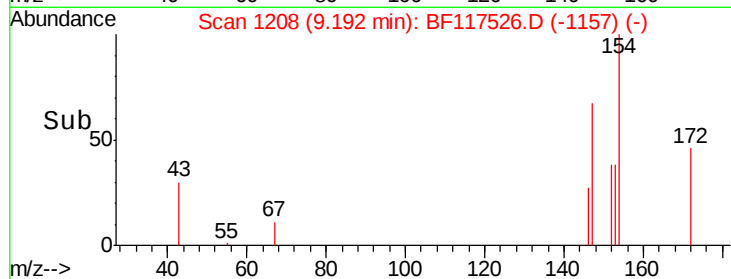
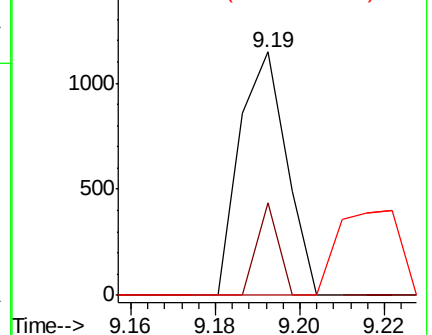
#46
 1,1'-Biphenyl
 Concen: 0.104 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

Tot Ion:154 Resp: 883
 Ion Ratio Lower Upper
 154 100
 153 38.3 20.2 60.2
 76 0.0 0.0 32.1

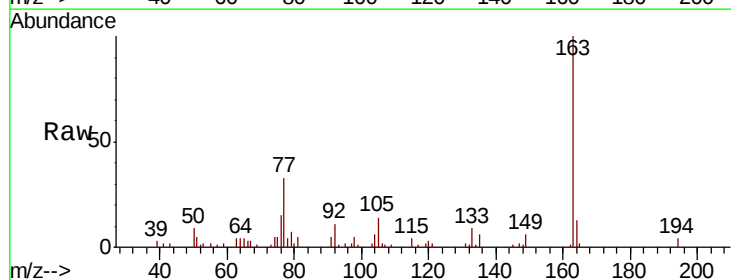


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

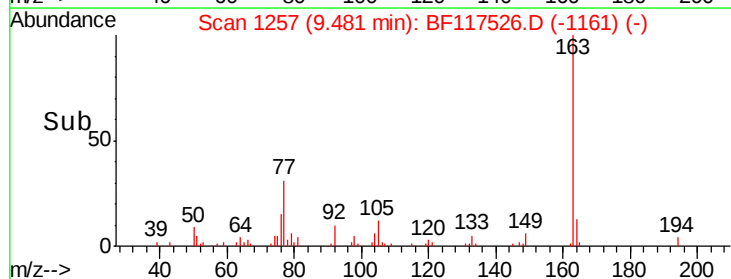
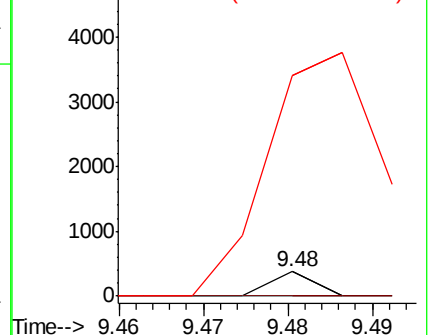


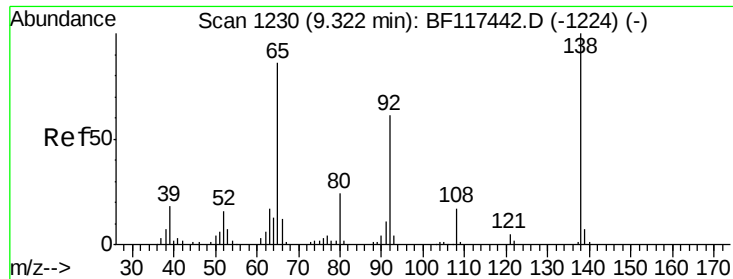
#47
 2-Chloronaphthalene
 Concen: 0.021 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.26 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:162 Resp: 131
 Ion Ratio Lower Upper
 162 100
 127 0.0 34.2 51.4#
 164 916.4 26.4 39.6#



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

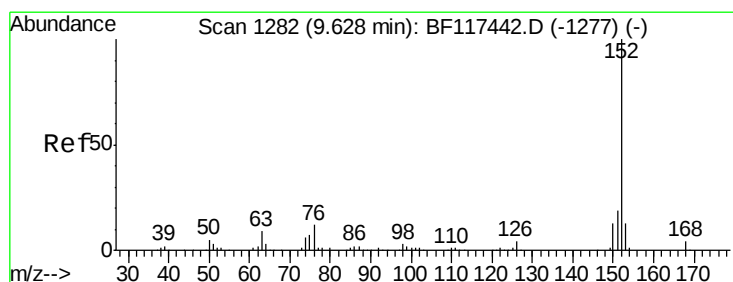
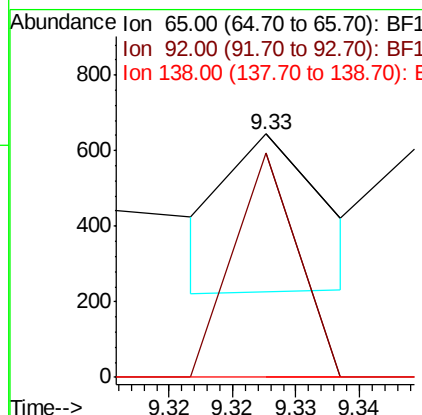
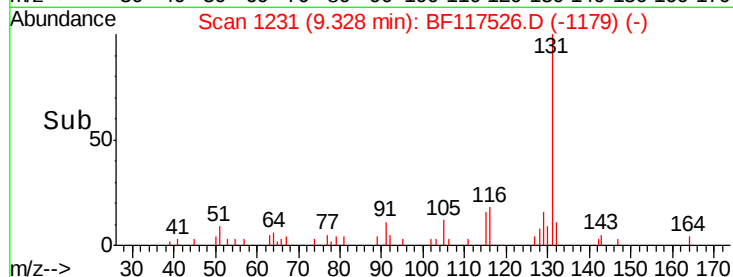
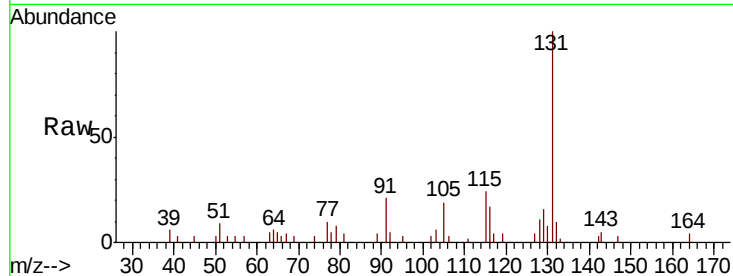




#48
2-Nitroaniline
Concen: 0.103 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

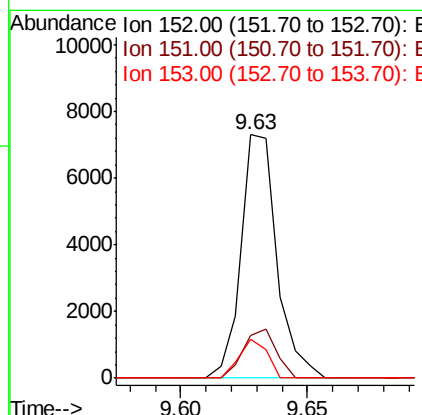
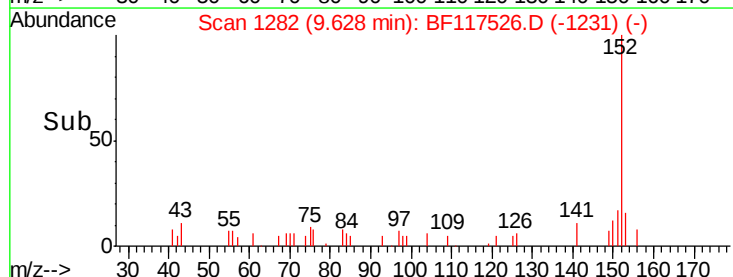
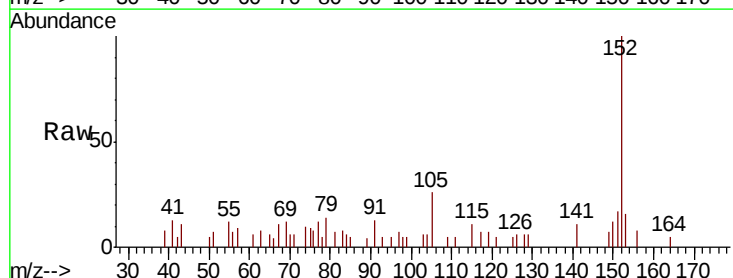
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

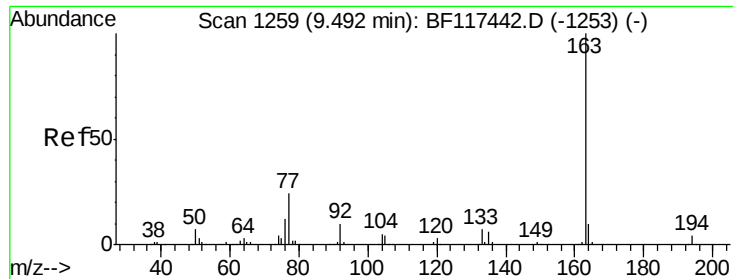
Tot Ion: 65 Resp: 216
Ion Ratio Lower Upper
65 100
92 92.1 57.3 85.9#
138 0.0 93.3 139.9#



#49
Acenaphthylene
Concen: 0.764 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 152 Resp: 7163
Ion Ratio Lower Upper
152 100
151 17.5 15.4 23.0
153 15.7 10.3 15.5#





#50

Dimethylphthalate

Concen: 4.169 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

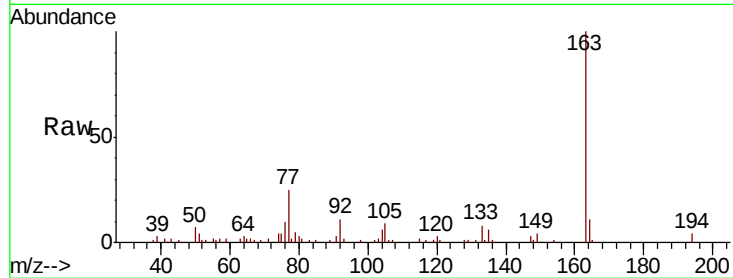
Tot Ion:163 Resp: 30370

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

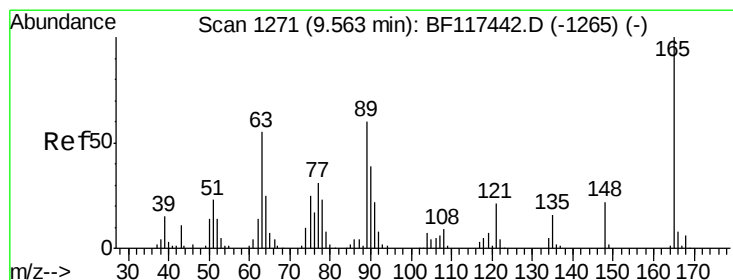
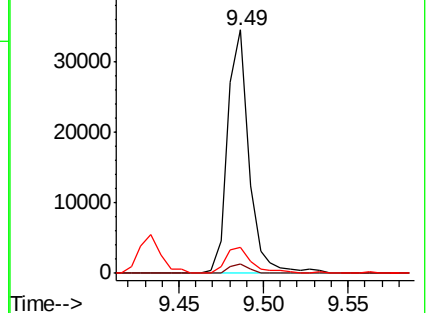
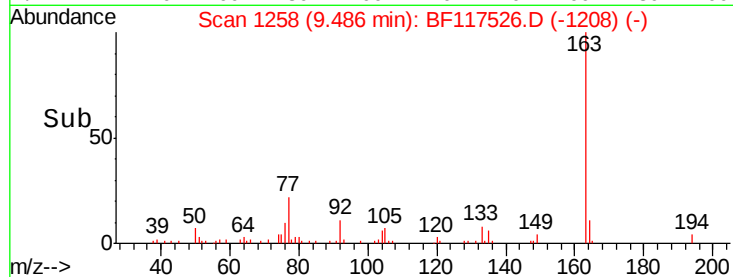
164 10.9 8.2 12.2



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: 8.979 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

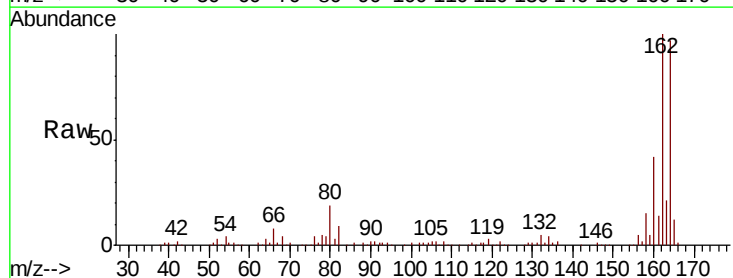
Tgt Ion:165 Resp: 13651

Ion Ratio Lower Upper

165 100

63 3.1 43.8 65.8#

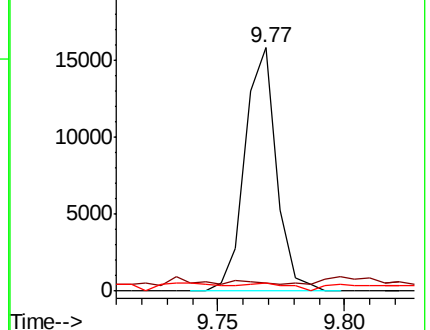
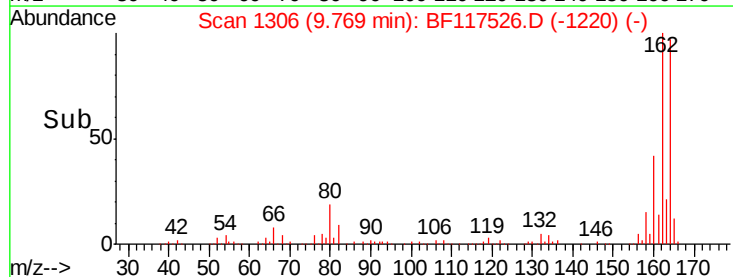
89 3.1 47.6 71.4#

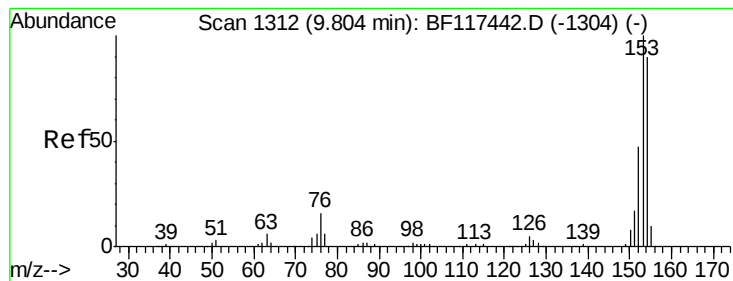


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.696 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

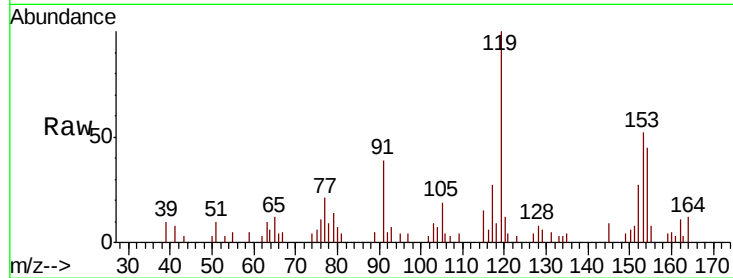
Tot Ion:154 Resp: 4000

Ion Ratio Lower Upper

154 100

153 115.3 89.2 133.8

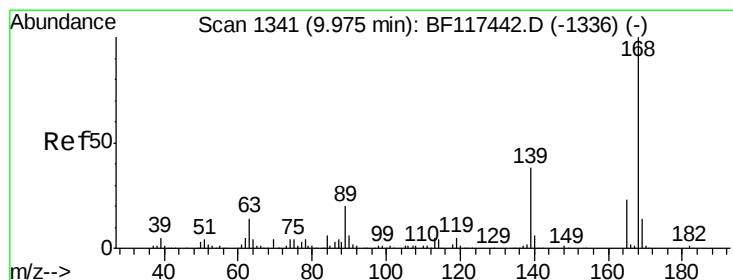
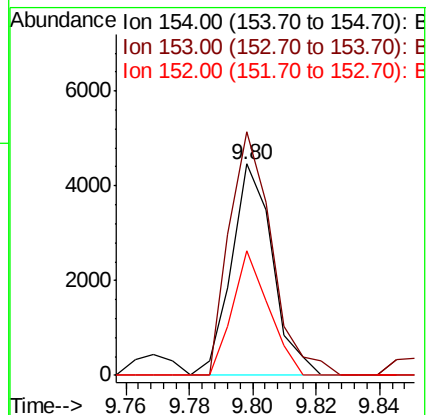
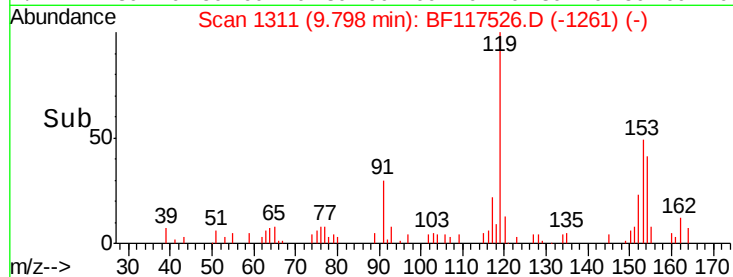
152 59.0 41.8 62.6



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



#55

Dibenzofuran

Concen: 0.371 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

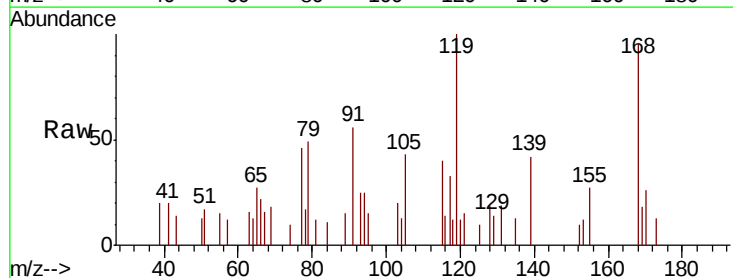
Tgt Ion:168 Resp: 3092

Ion Ratio Lower Upper

168 100

139 44.0 31.8 47.6

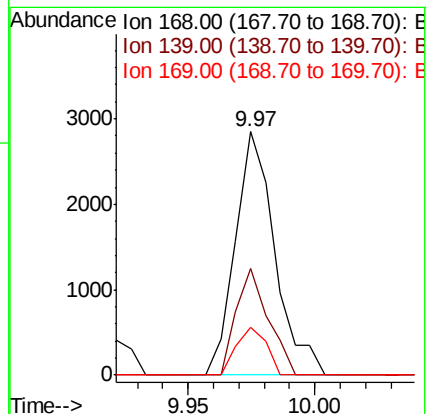
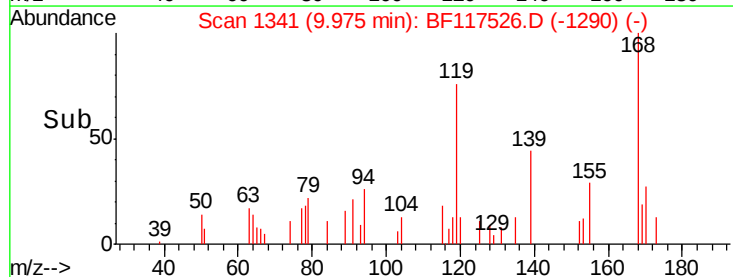
169 19.4 11.2 16.8#

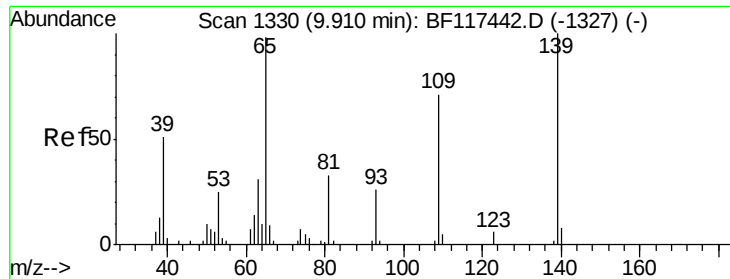


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

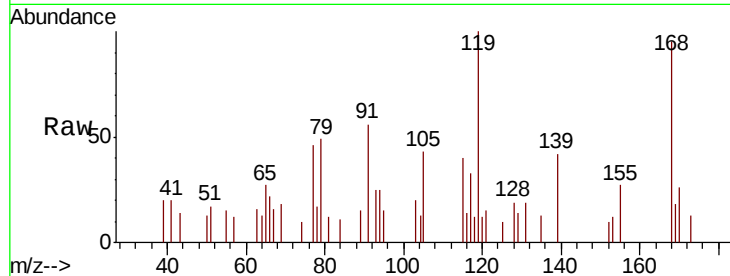




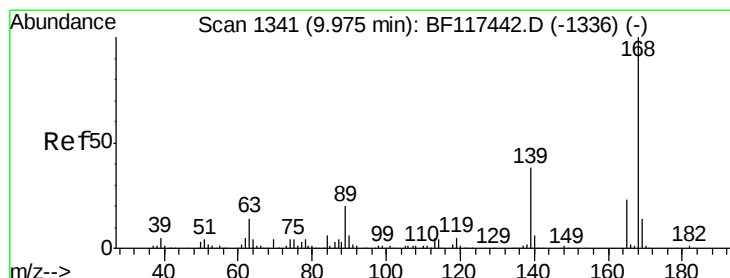
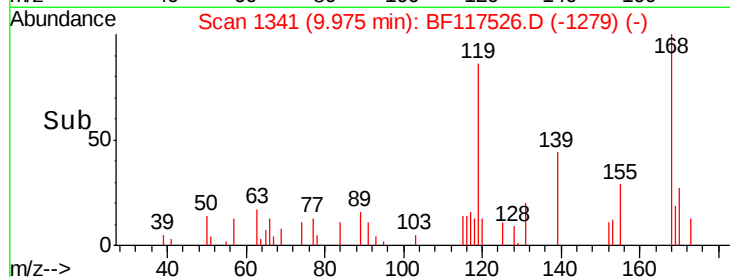
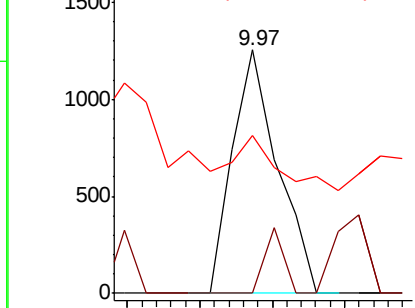
#56
4-Nitrophenol
Concen: 5.348 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion:139 Resp: 1090
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 65.0 79.4 119.4#

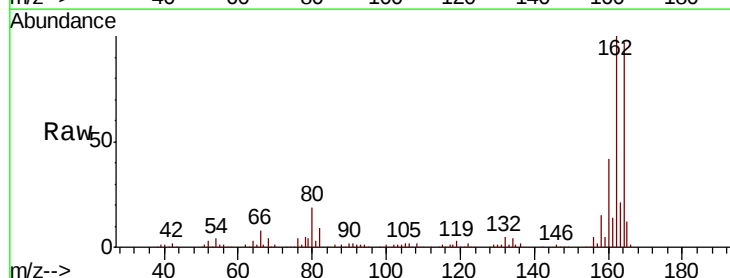


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

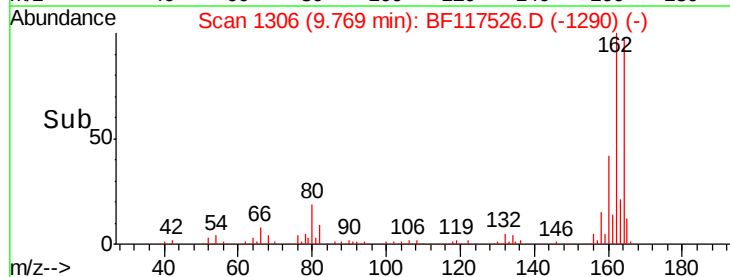
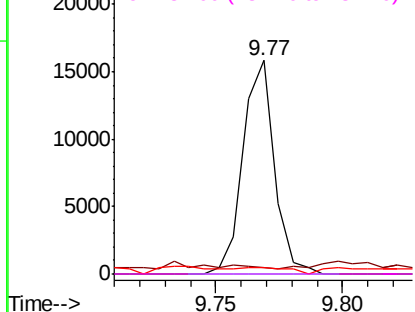


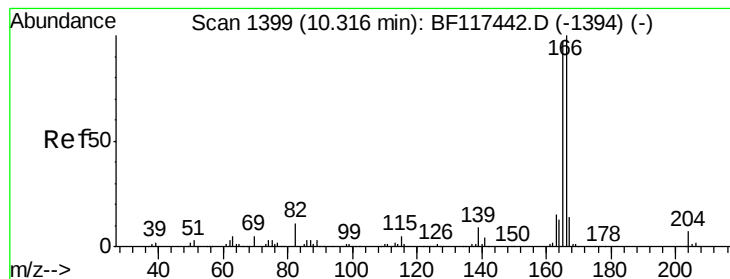
#57
2,4-Dinitrotoluene
Concen: 6.754 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:165 Resp: 13651
Ion Ratio Lower Upper
165 100
63 3.1 51.4 77.0#
89 3.1 69.9 104.9#
182 0.0 1.9 2.9#



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: 0.719 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

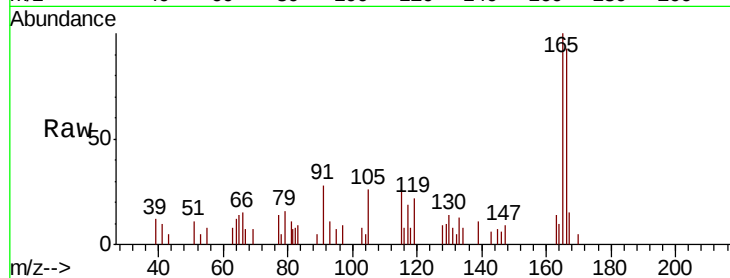
Tot Ion:166 Resp: 4953

Ion Ratio Lower Upper

166 100

165 108.0 77.6 116.4

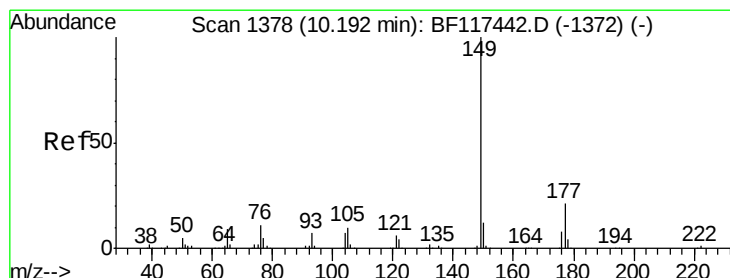
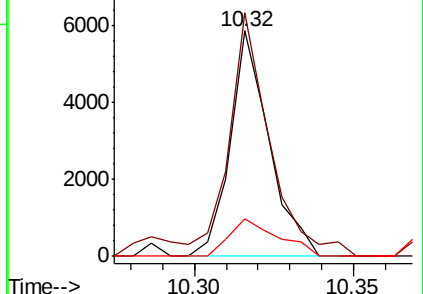
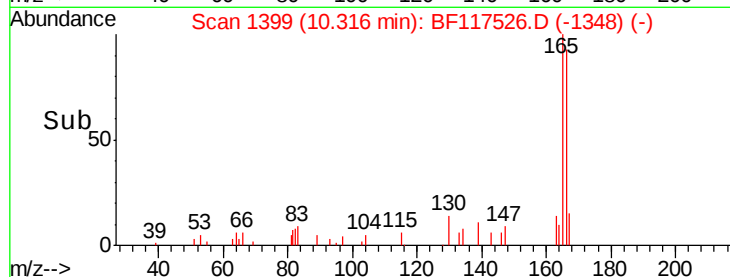
167 16.5 11.0 16.4#



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



#60

Diethylphthalate

Concen: 0.019 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

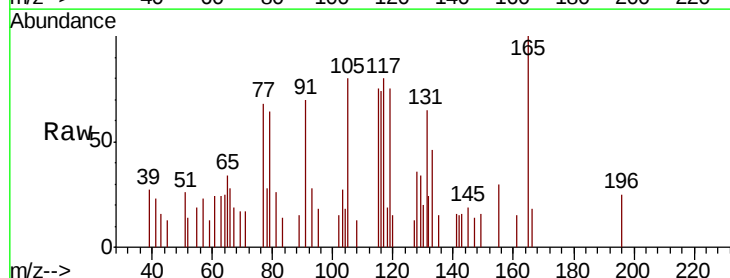
Tgt Ion:149 Resp: 137

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.4#

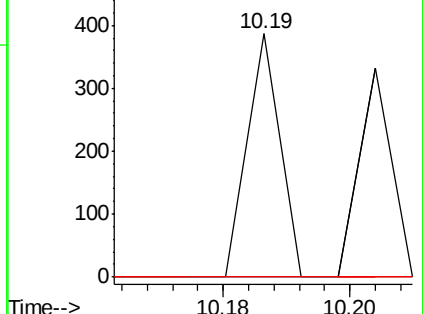
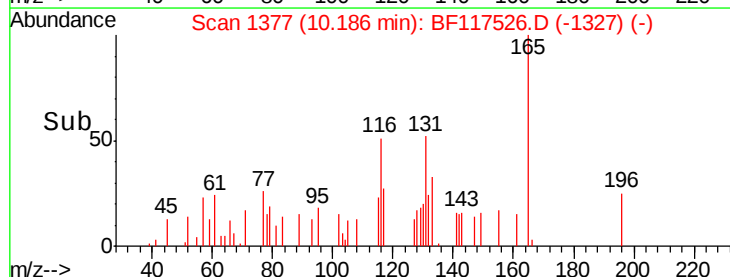
150 0.0 9.8 14.6#

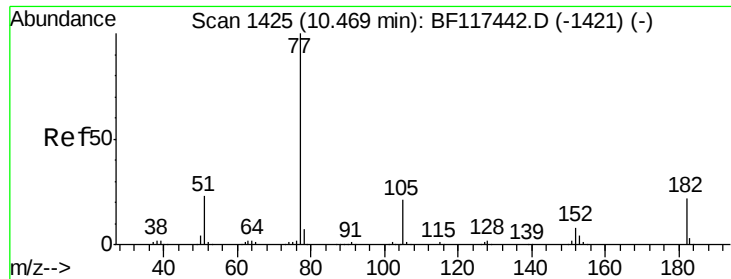


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

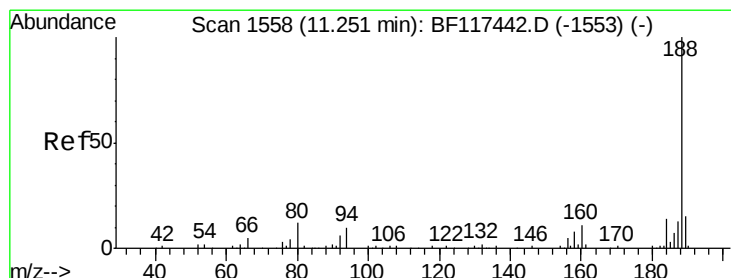
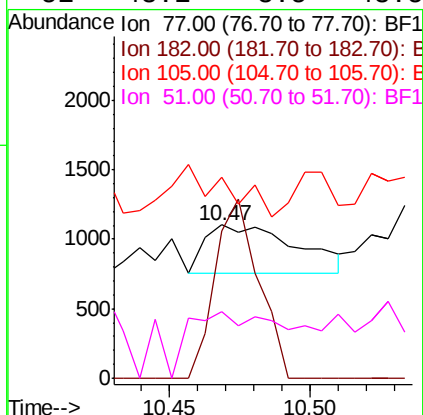
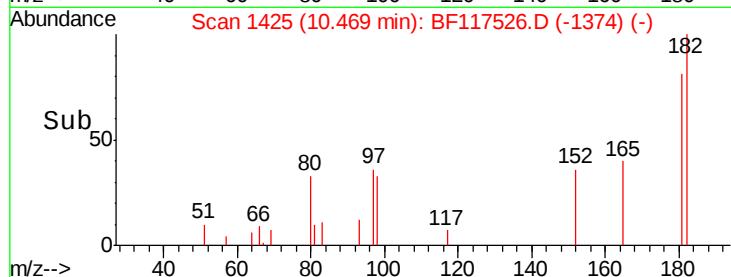
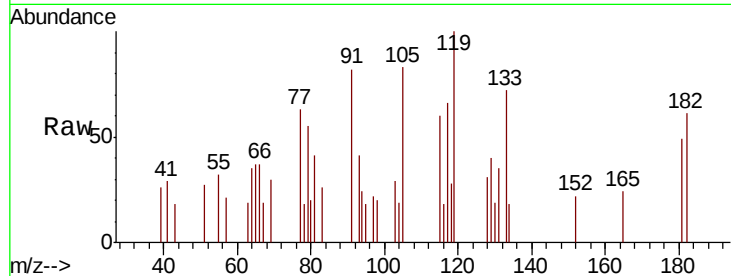




#63
Azobenzene
Concen: 0.103 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

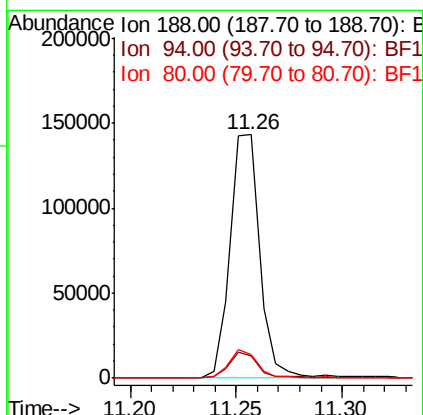
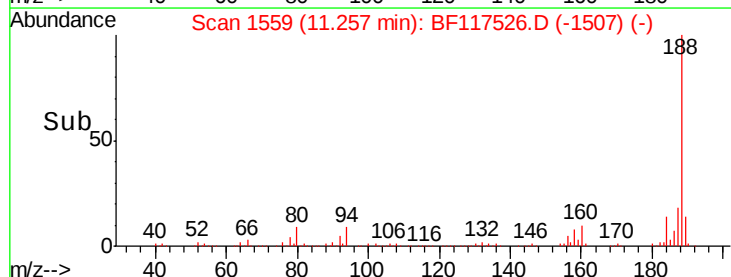
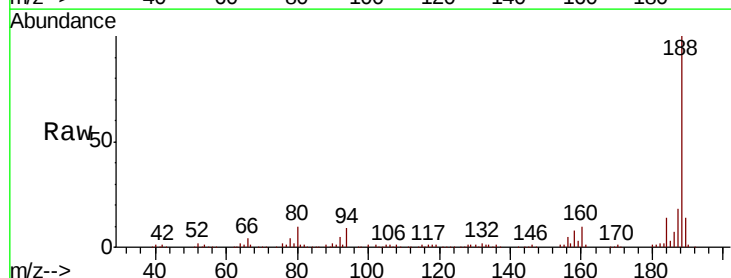
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

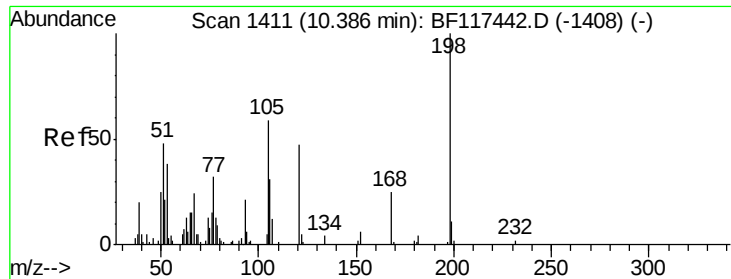
Tot Ion: 77 Resp: 774
Ion Ratio Lower Upper
77 100
182 96.4 2.3 42.3#
105 131.3 1.3 41.3#
51 43.1 3.5 43.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion: 188 Resp: 138346
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.6 9.5 14.3

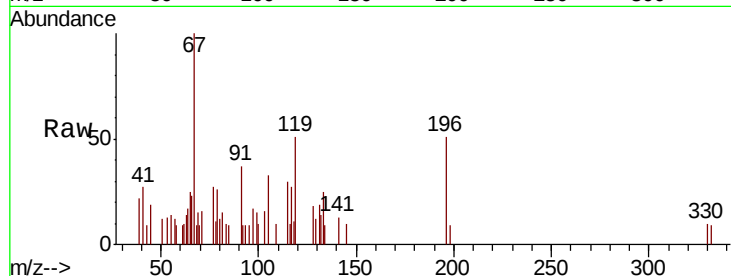




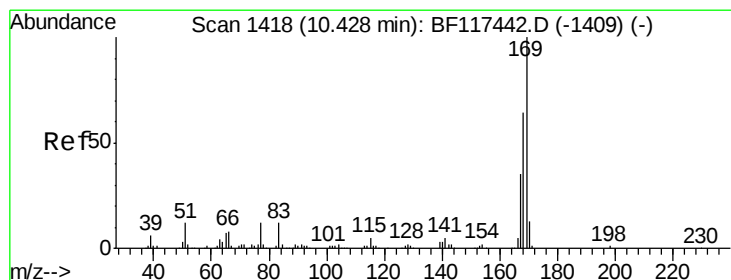
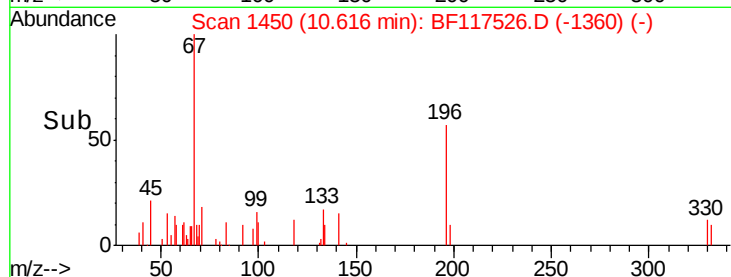
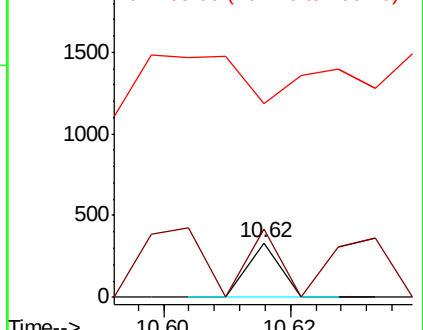
#65
4,6-Dinitro-2-methylphenol
Concen: 0.168 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.23 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion:198 Resp: 118
Ion Ratio Lower Upper
198 100
51 125.1 29.1 69.1#
105 354.5 39.4 79.4#

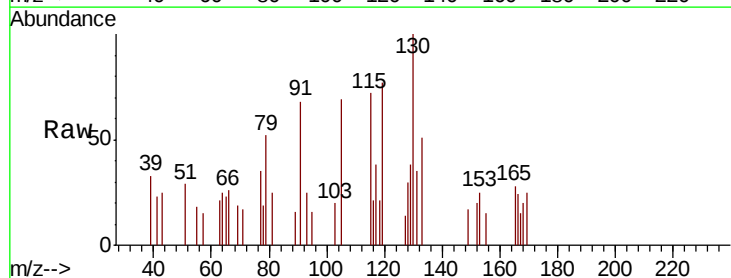


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

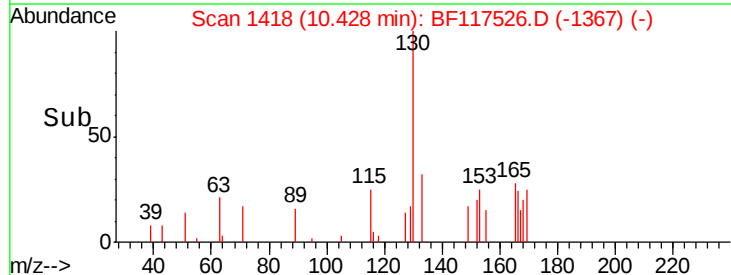
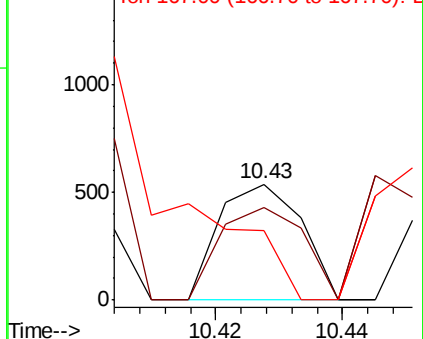


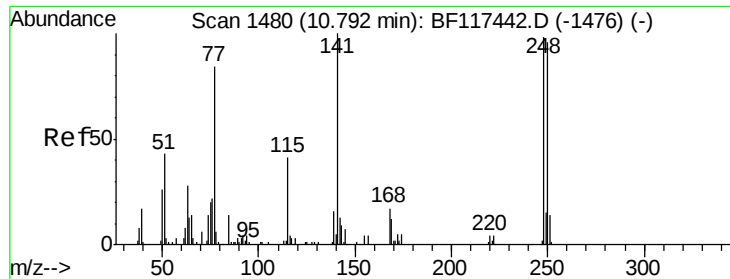
#66
n-Nitrosodiphenylamine
Concen: 0.096 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:169 Resp: 485
Ion Ratio Lower Upper
169 100
168 80.1 51.3 76.9#
167 59.5 28.2 42.4#



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: 1.469 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.23 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

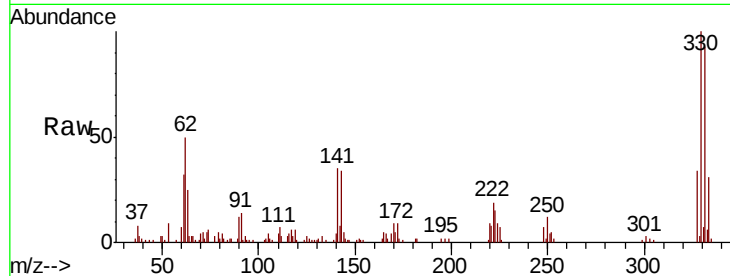
Tot Ion:248 Resp: 2189

Ion Ratio Lower Upper

248 100

250 185.1 78.0 117.0#

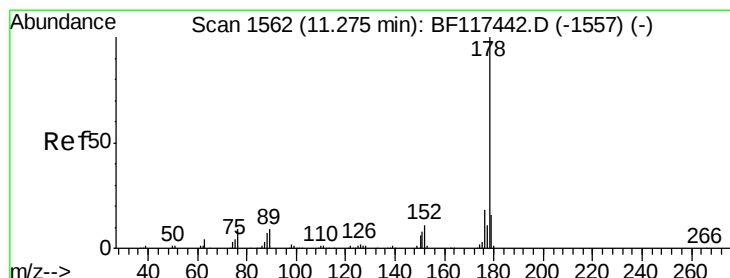
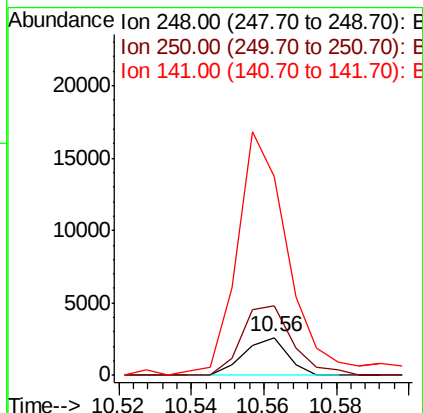
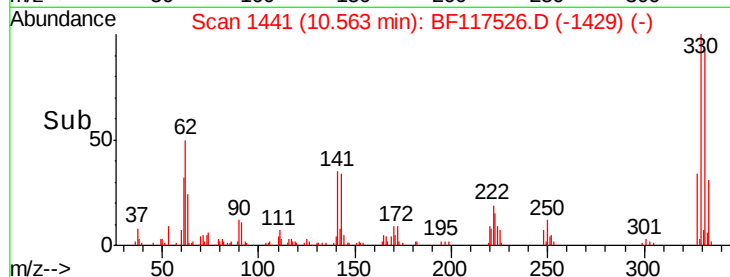
141 526.6 81.7 122.5#



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



#71

Phenanthrene

Concen: 8.440 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

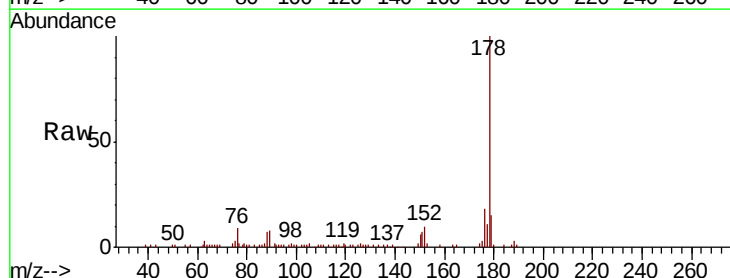
Tgt Ion:178 Resp: 67802

Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

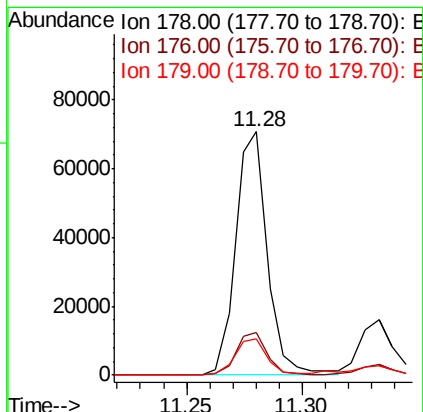
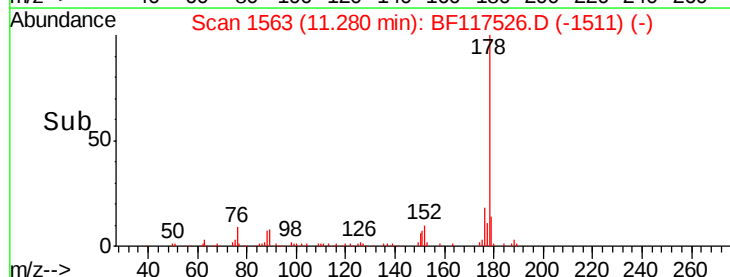
179 14.7 12.6 19.0

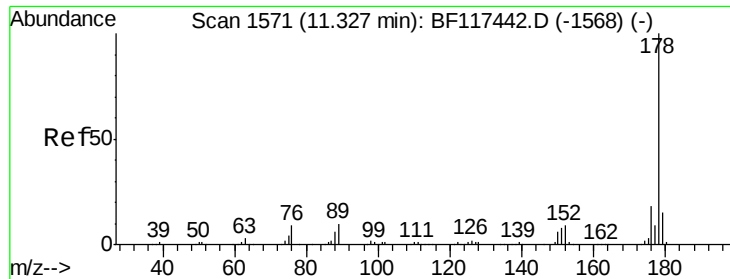


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

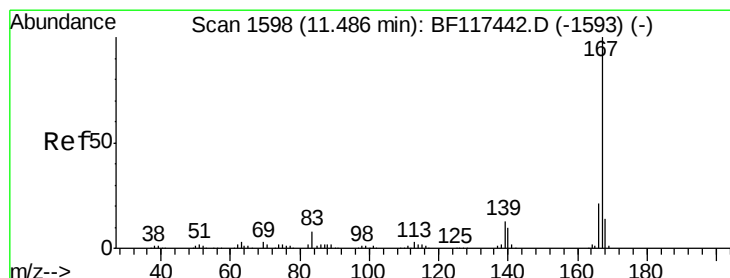
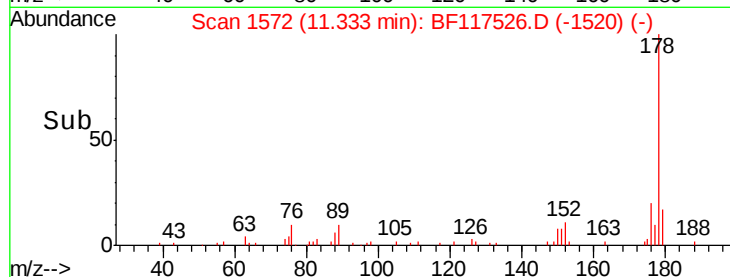
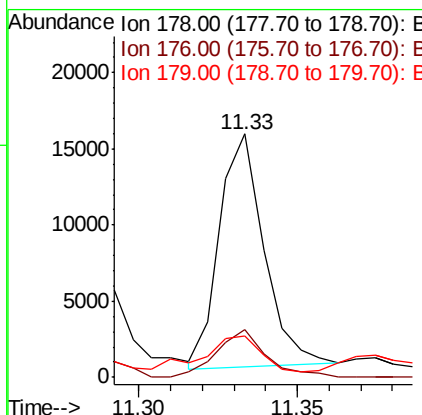
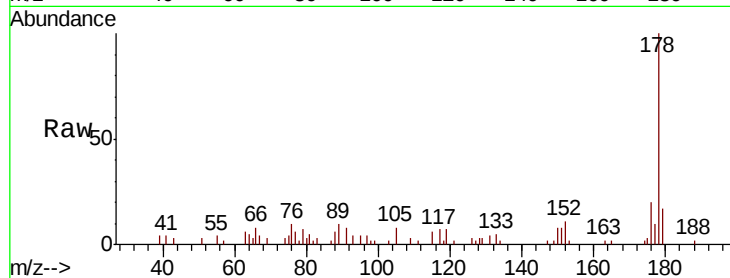




#72
 Anthracene
 Concen: 1.822 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

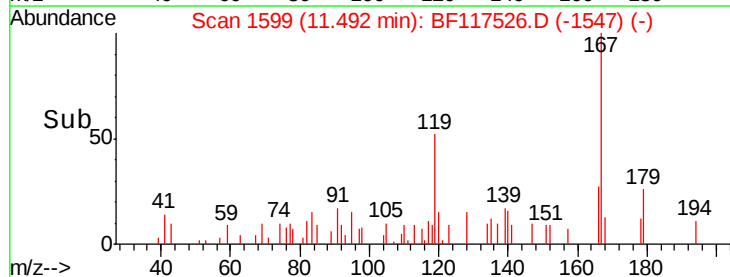
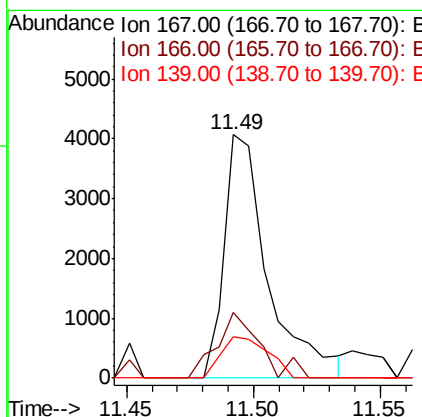
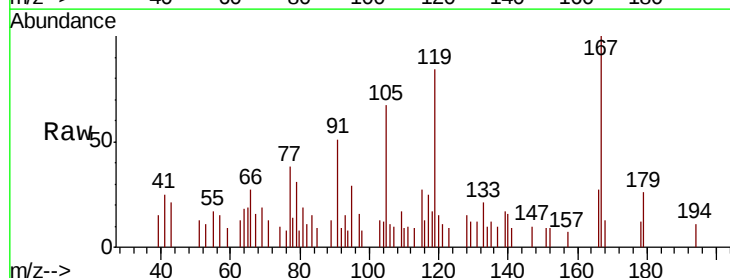
Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

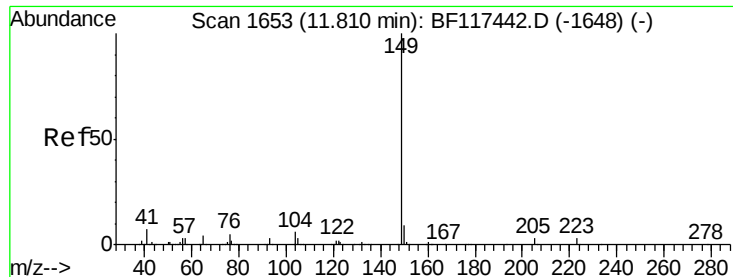
Tot Ion:178 Resp: 15017
 Ion Ratio Lower Upper
 178 100
 176 19.8 14.7 22.1
 179 16.9 12.2 18.2



#73
 Carbazole
 Concen: 0.650 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:167 Resp: 4895
 Ion Ratio Lower Upper
 167 100
 166 27.1 17.0 25.6#
 139 17.0 10.6 16.0#

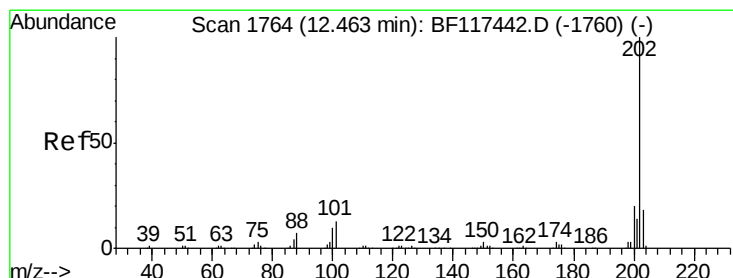
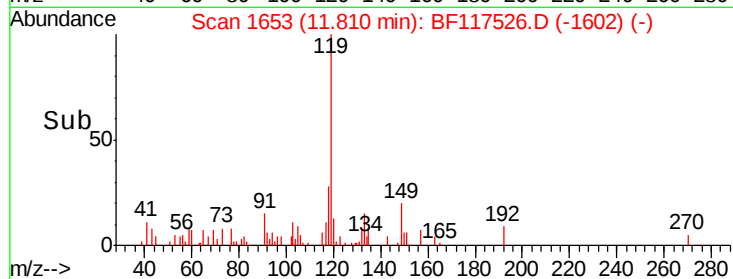
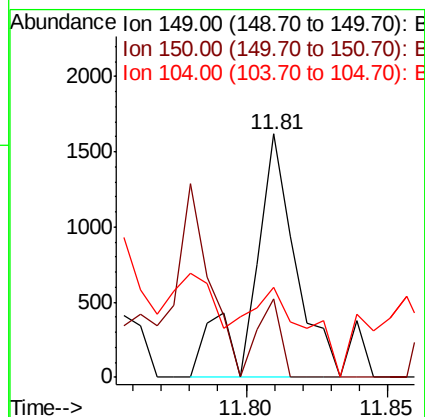
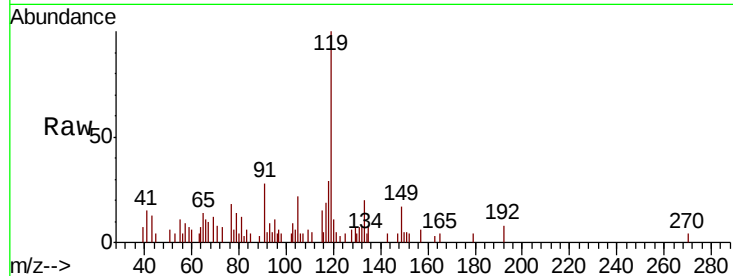




#74
Di-n-butylphthalate
Concen: 0.168 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

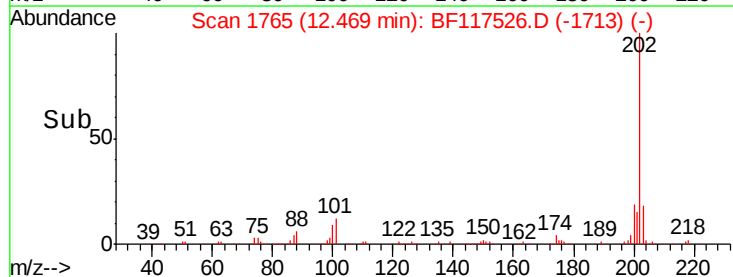
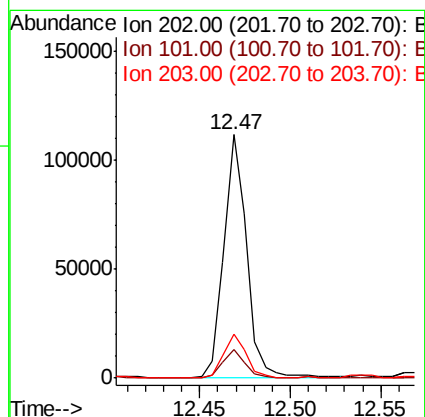
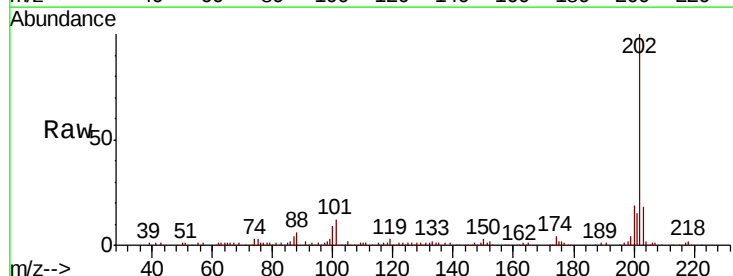
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

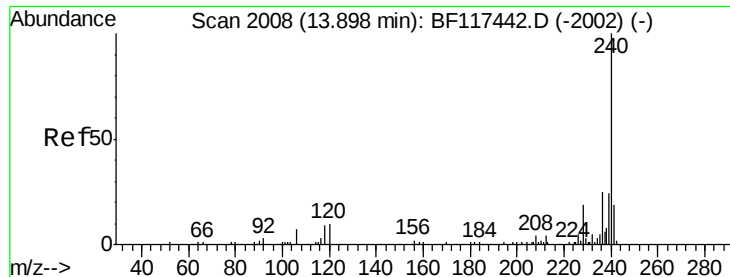
Tot Ion:149 Resp: 1690
Ion Ratio Lower Upper
149 100
150 32.1 7.5 11.3#
104 36.7 4.6 6.8#



#75
Fluoranthene
Concen: 12.270 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:202 Resp: 98678
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.7
203 18.2 0.0 37.6

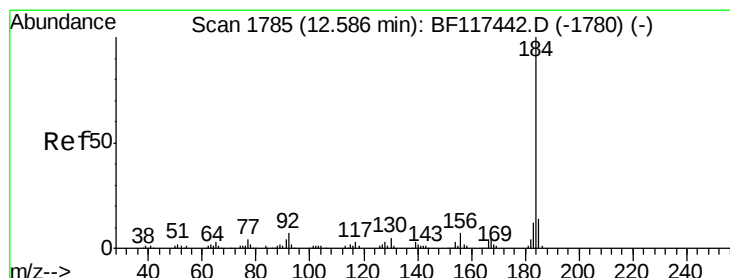
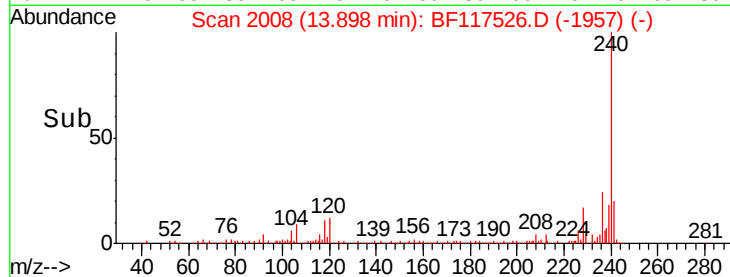
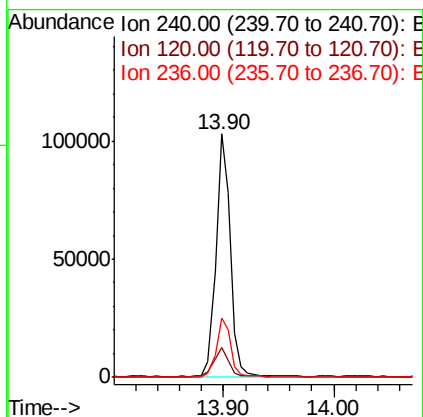
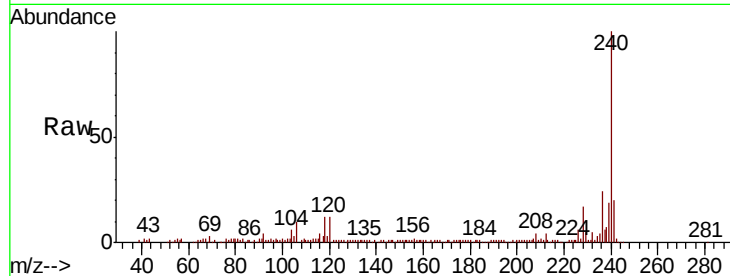




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

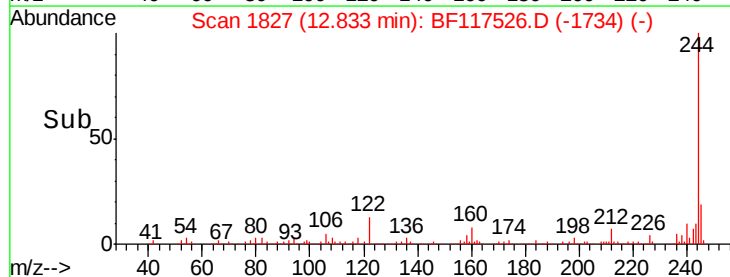
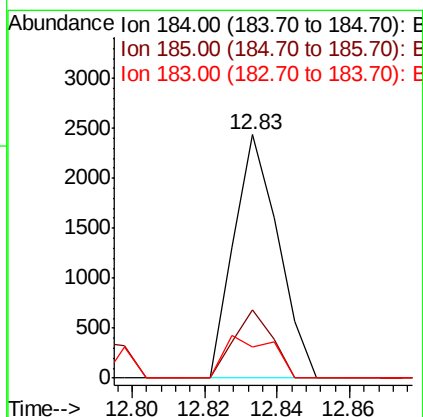
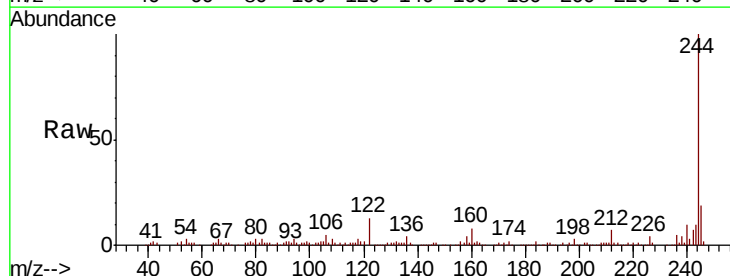
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

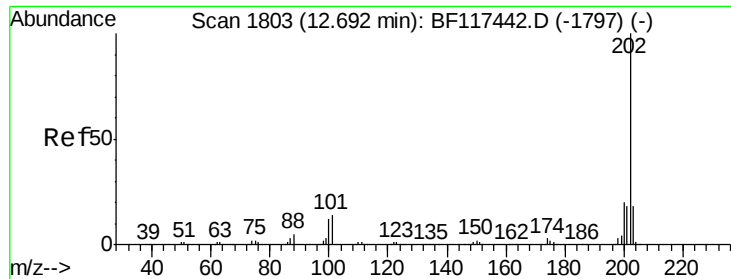
Tot Ion:240 Resp: 93411
Ion Ratio Lower Upper
240 100
120 12.4 8.4 12.6
236 24.3 20.0 30.0



#77
Benzidine
Concen: Below Cal
RT: 12.83 min Scan# 1827
Delta R.T. 0.25 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:184 Resp: 2092
Ion Ratio Lower Upper
184 100
185 28.1 11.4 17.0#
183 12.9 9.6 14.4

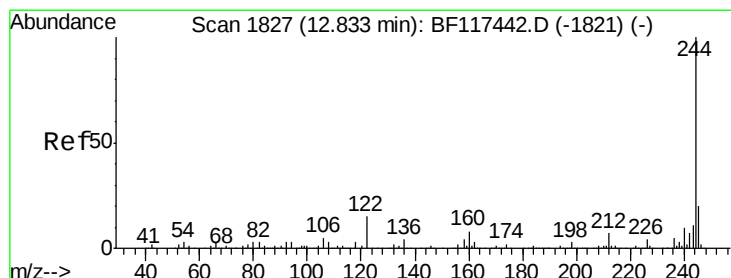
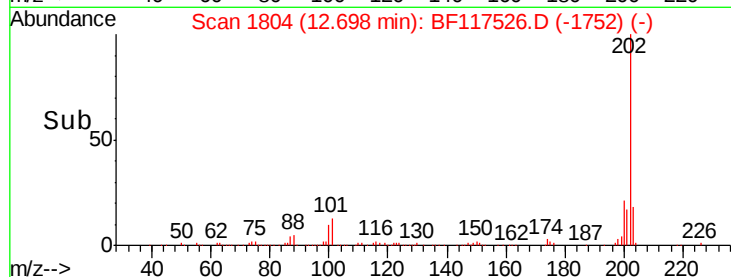
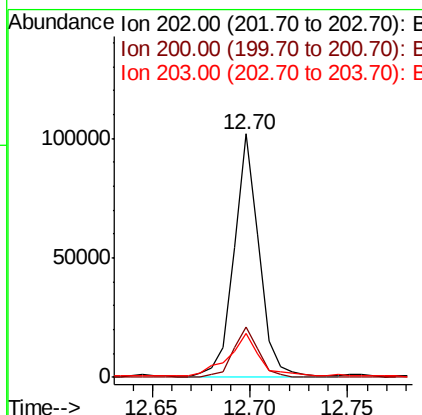
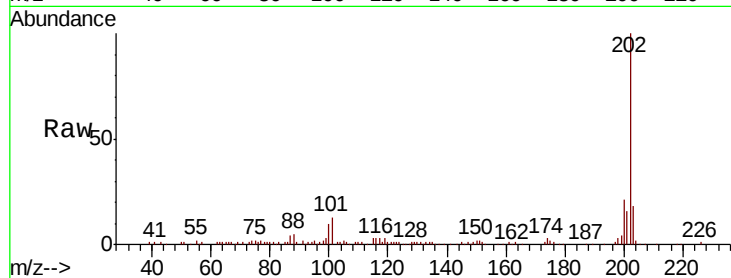




#78
Pvrene
Concen: 11.453 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

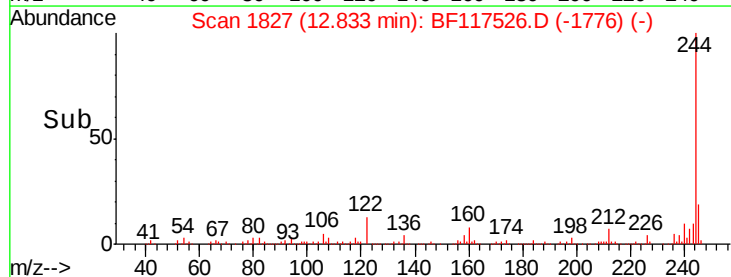
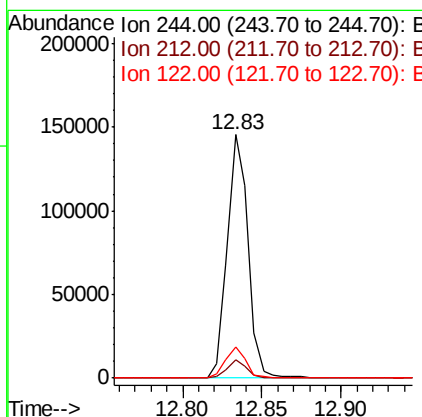
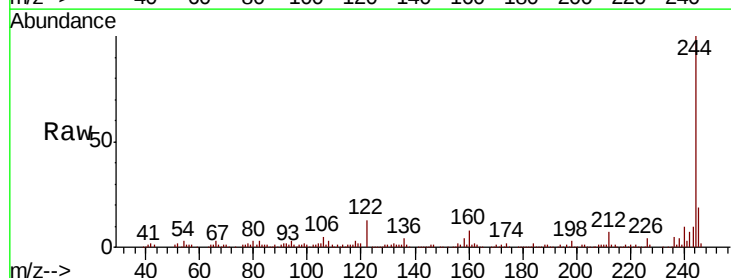
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

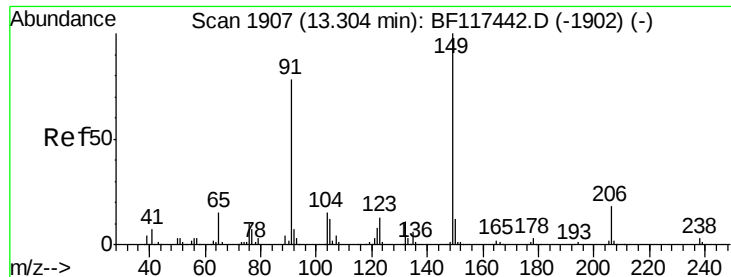
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.2	24.2
203	18.0	14.0	21.0



#79
Terphenyl-d14
Concen: 23.147 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	12.8	11.8	17.8

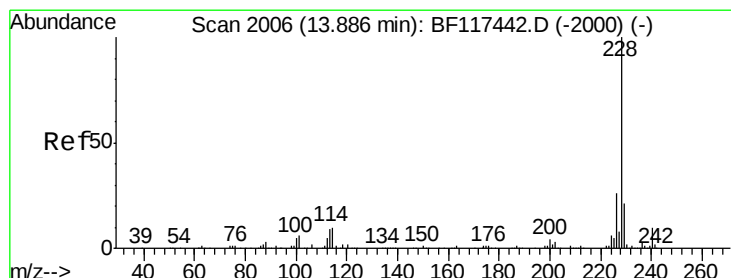
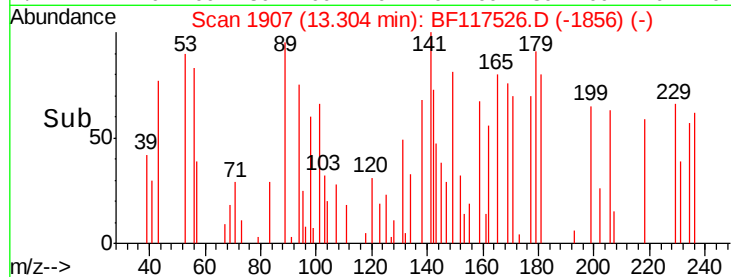
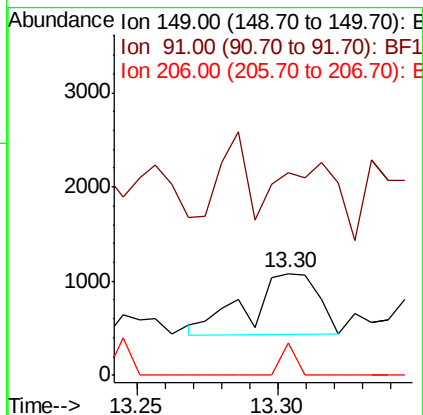
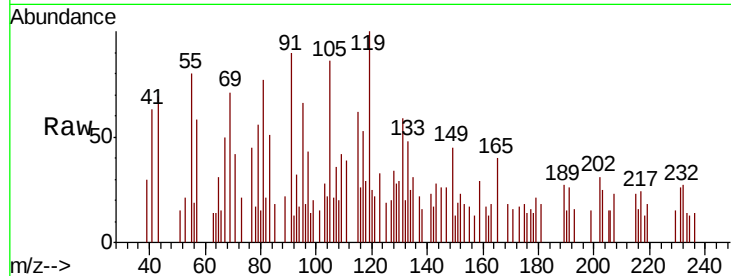




#80
Butylbenzylphthalate
Concen: 0.279 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

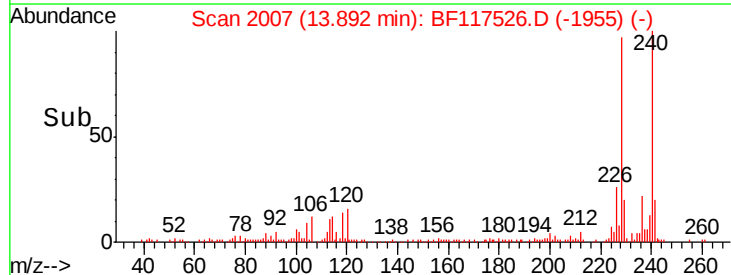
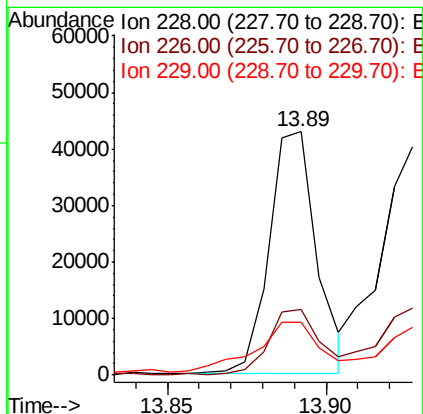
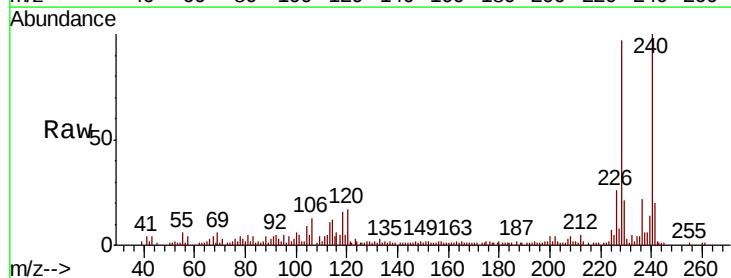
Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

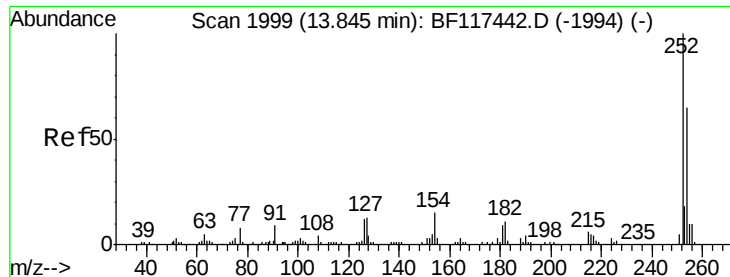
Tot Ion:149 Resp: 1112
Ion Ratio Lower Upper
149 100
91 199.6 62.1 93.1#
206 32.4 14.3 21.5#



#81
Benzo(a)anthracene
Concen: 7.037 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:228 Resp: 44337
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.4
229 21.5 16.4 24.6

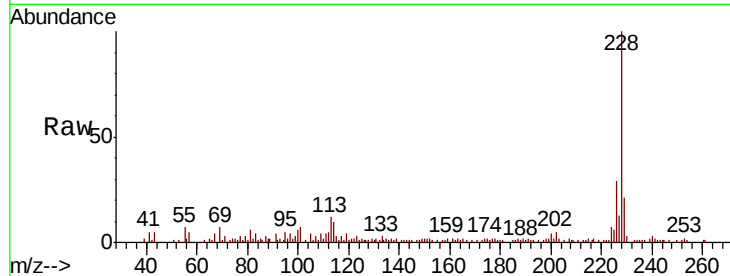




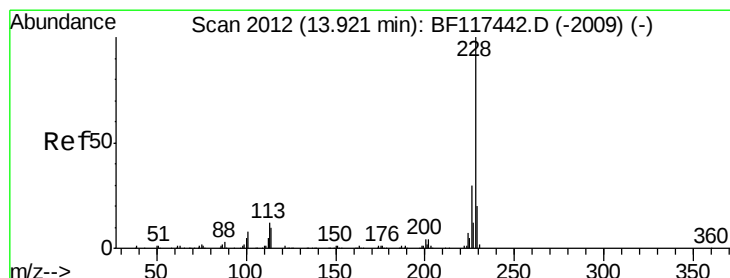
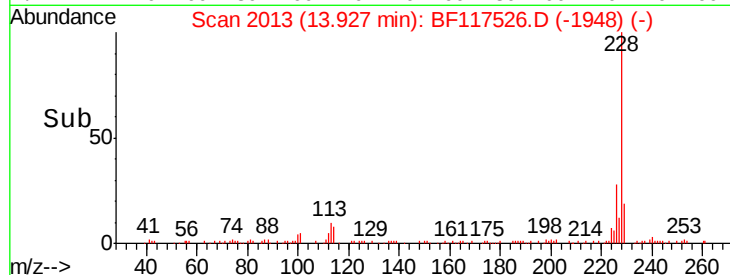
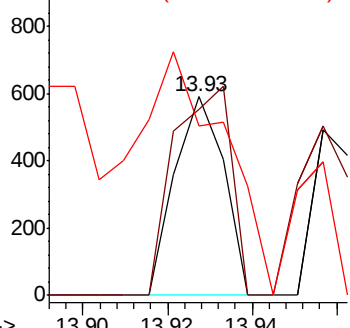
#82
 3,3'-Dichlorobenzidine
 Concen: 0.242 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.08 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

Tot Ion:252 Resp: 478
 Ion Ratio Lower Upper
 252 100
 254 93.6 52.2 78.4#
 126 85.6 9.2 13.8#

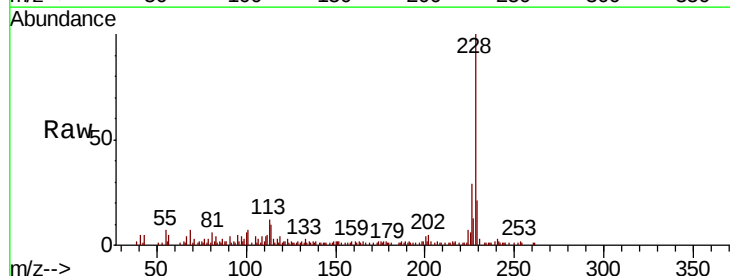


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

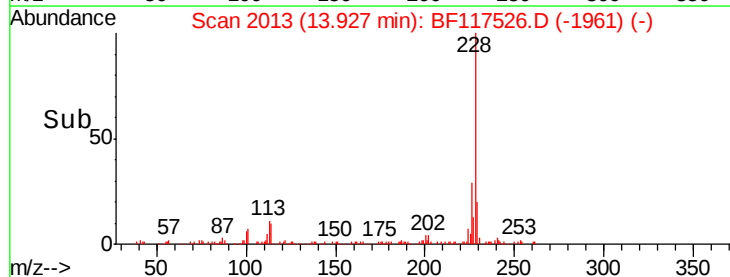
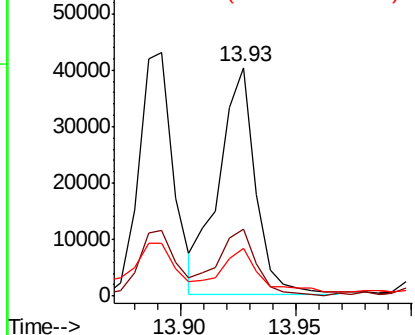


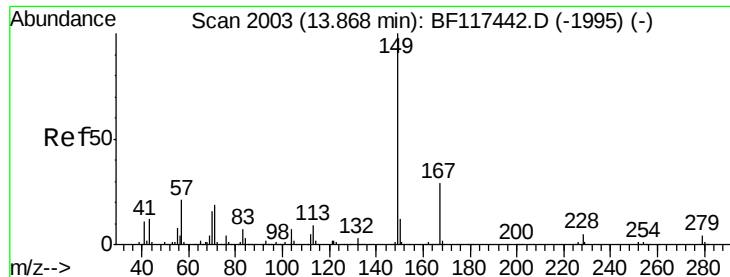
#83
 Chrysene
 Concen: 7.173 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Tgt Ion:228 Resp: 44297
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.9 35.9
 229 21.0 15.8 23.6



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: 1.210 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

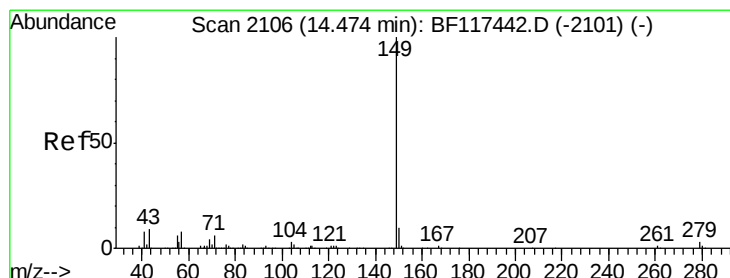
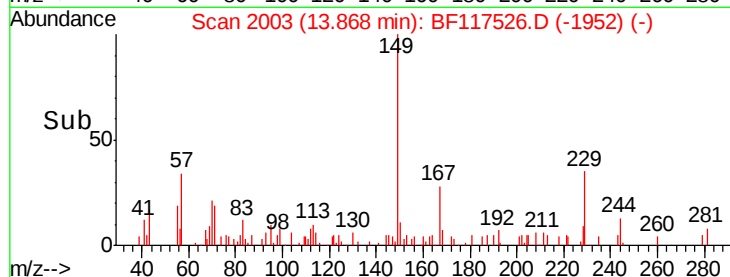
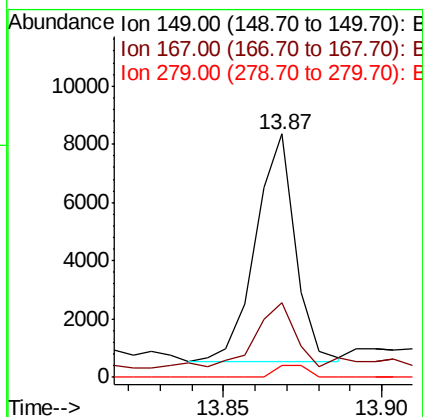
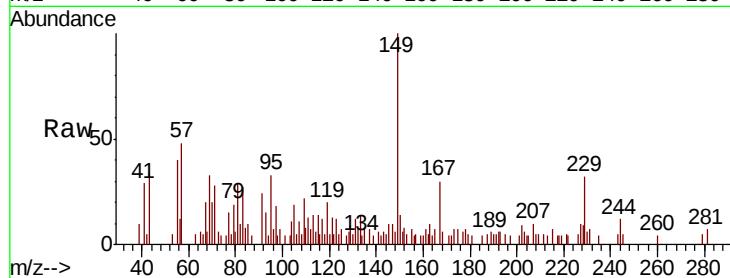
Instrument :

BNA_F

ClientSampleId :

191-52-(0-1)

Tot Ion:149	Resp:	6765
Ion Ratio	Lower	Upper
149	100	
167	30.4	23.3 34.9
279	5.0	3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 0.080 ng

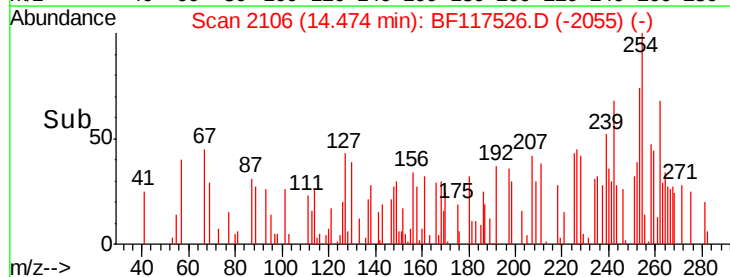
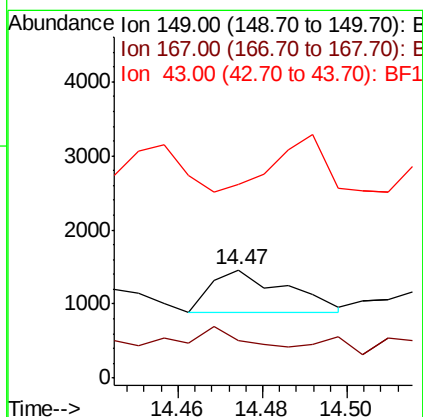
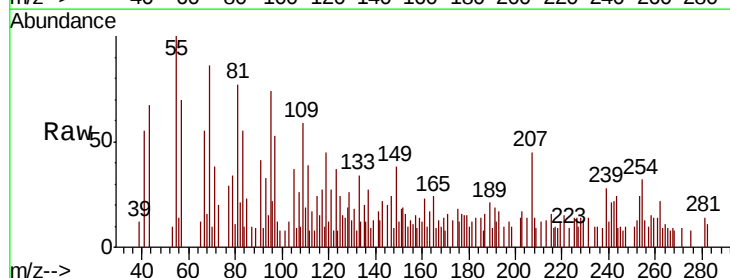
RT: 14.47 min Scan# 2106

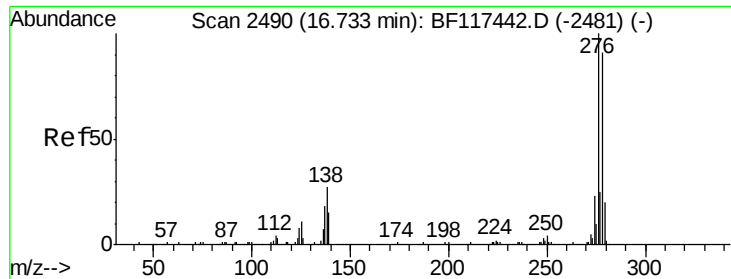
Delta R.T. 0.00 min

Lab File: BF117526.D

Acq: 24 Oct 2019 22:26

Tgt Ion:149	Resp:	690
Ion Ratio	Lower	Upper
149	100	
167	0.0	1.2 1.8#
43	90.3	6.8 10.2#

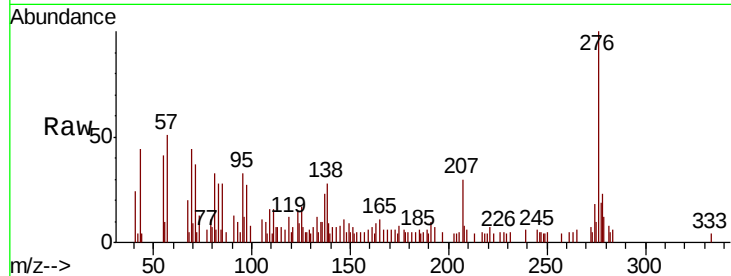




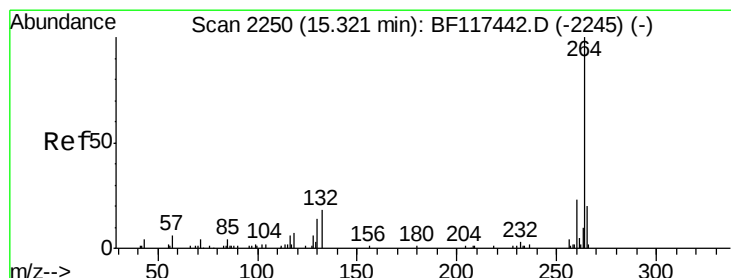
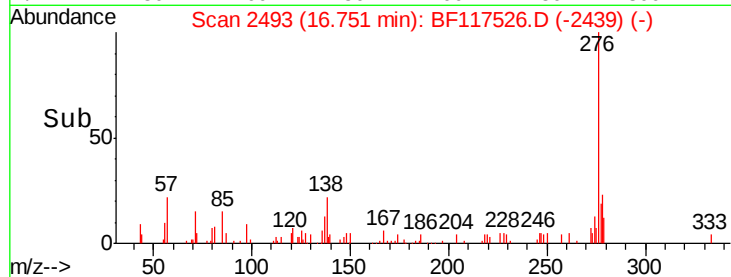
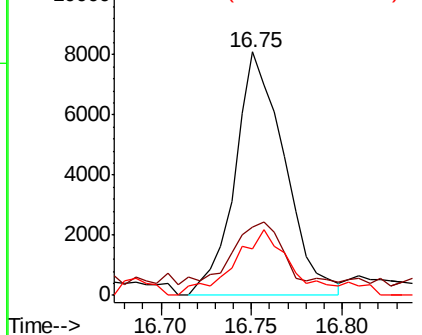
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.342 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.8	32.8
277	30.3	20.0	30.0#

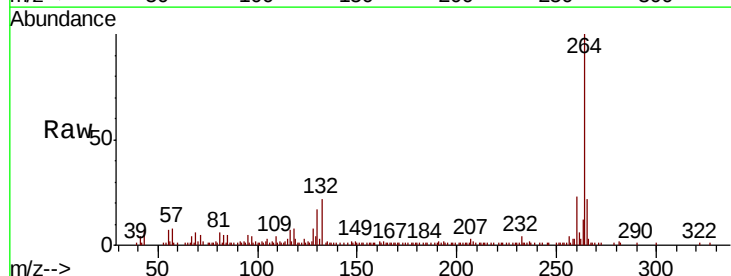


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

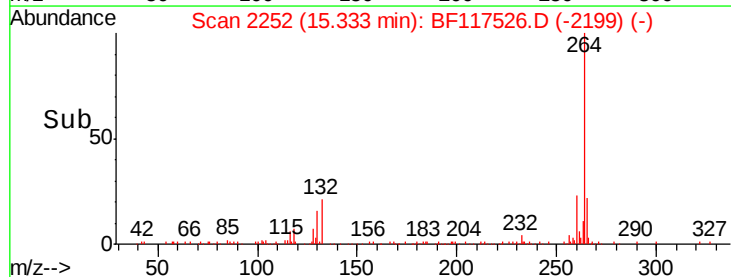
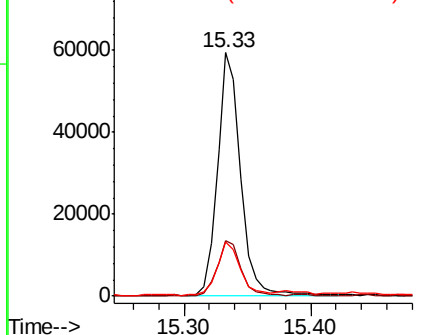


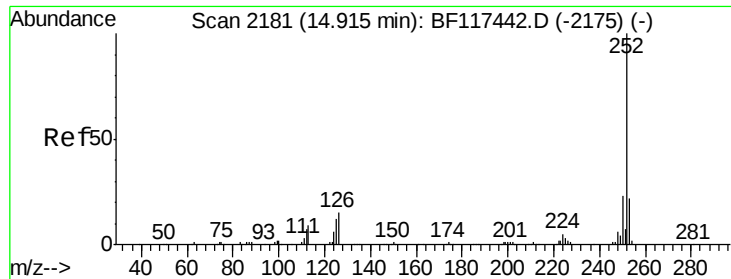
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	22.1	16.1	24.1



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

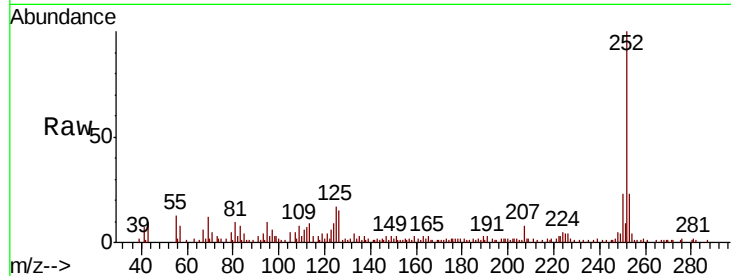




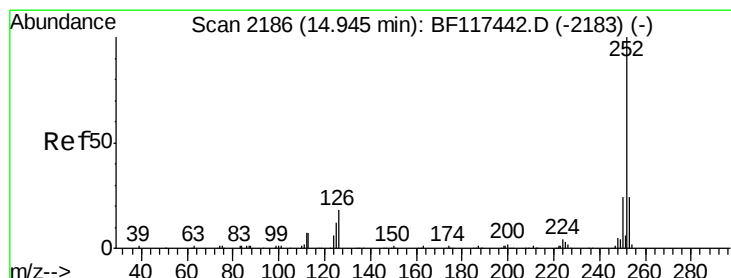
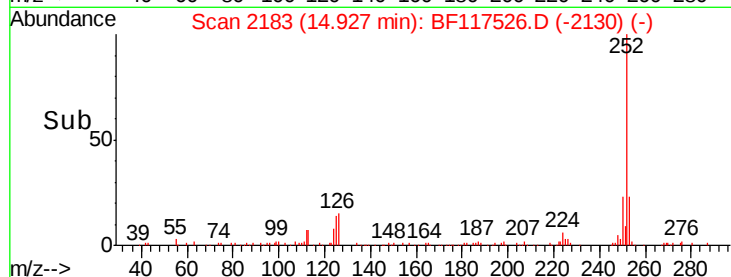
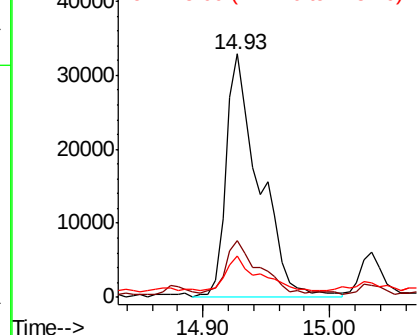
#88
Benzo(b)fluoranthene
Concen: 13.296 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	17.1	9.9	14.9#

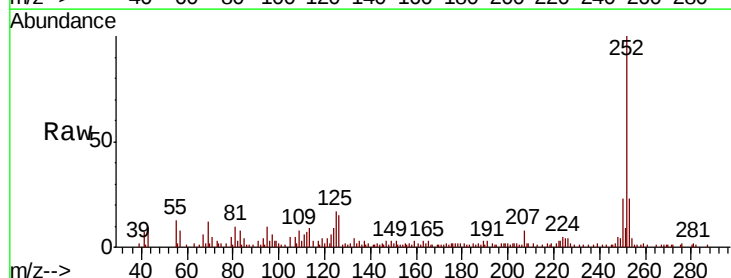


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

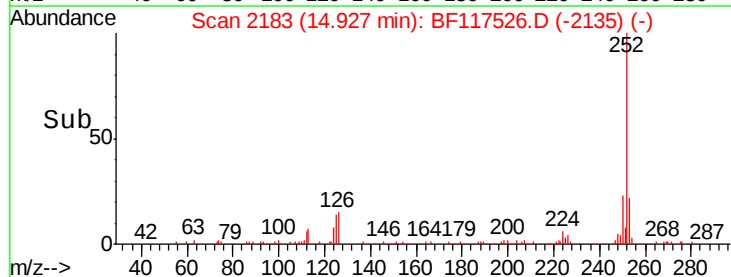
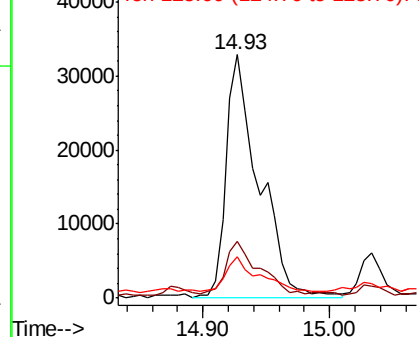


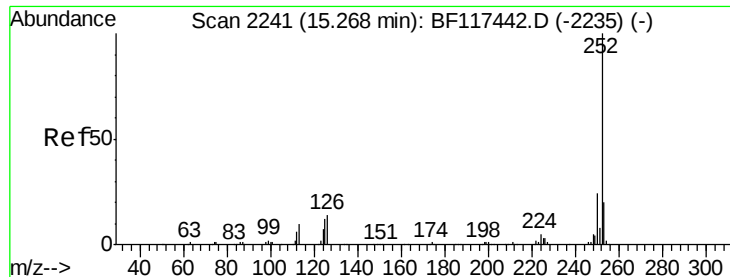
#89
Benzo(k)fluoranthene
Concen: 12.973 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	17.1	8.9	13.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

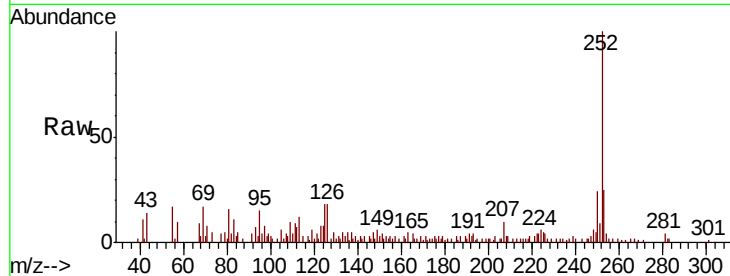




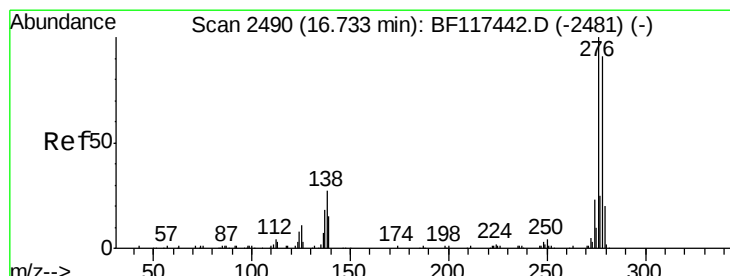
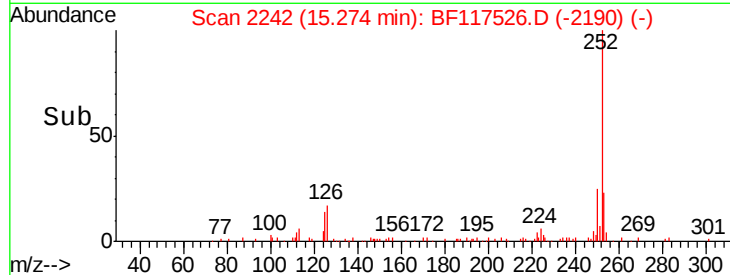
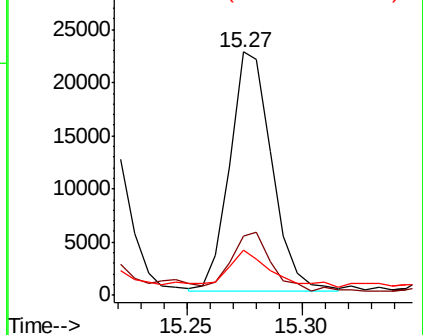
#90
Benzo(a)pyrene
Concen: 7.053 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Tot Ion:252 Resp: 28820
Ion Ratio Lower Upper
252 100
253 24.5 16.3 24.5#
125 18.4 9.2 13.8#

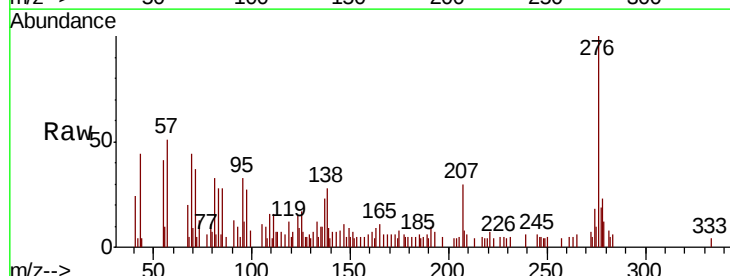


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

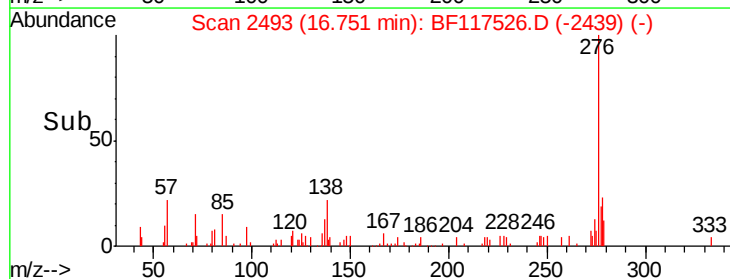
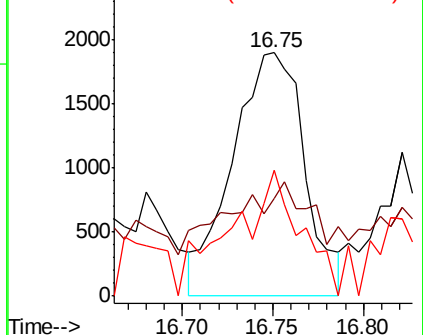


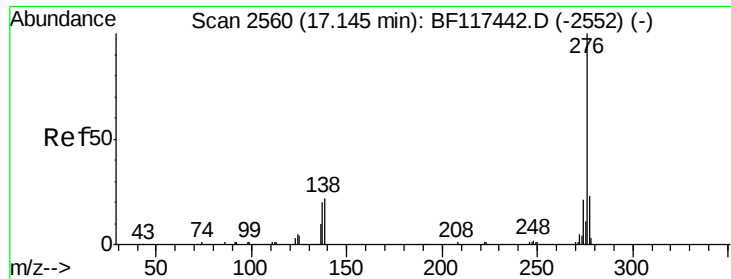
#91
Dibenzo(a,h)anthracene
Concen: 1.489 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117526.D
Acq: 24 Oct 2019 22:26

Tgt Ion:278 Resp: 5261
Ion Ratio Lower Upper
278 100
139 56.8 13.4 20.0#
279 51.5 17.8 26.6#



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(a,h,i)perylene
 Concen: 4.282 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: BF117526.D
 Acq: 24 Oct 2019 22:26

Instrument :
 BNA_F
 ClientSampleId :
 191-52-(0-1)

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.0	18.4	27.6	
138	24.1	17.8	26.6	

