

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117521.D
 Acq On : 24 Oct 2019 20:13
 Operator : JU
 Sample : K5499-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

Quant Time: Oct 25 01:06:38 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	50197	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	209673	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	103845	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	145194	20.00	ng	0.00
76) Chrysene-d12	13.90	240	94408	20.00	ng	0.00
87) Perylene-d12	15.33	264	91473	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	116508	34.53	ng	0.00
7) Phenol-d6	6.39	99	159233	35.14	ng	0.00
23) Nitrobenzene-d5	7.30	82	97431	22.94	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	25747	28.65	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	150365	20.40	ng	0.00
79) Terphenyl-d14	12.83	244	96101	16.60	ng	0.00

Target Compounds

					Qvalue	
6) Aniline	6.43	93	392	0.074 ng	#	1
9) Benzaldehyde	6.39	77	114	Below Cal	#	3
10) Phenol	6.40	94	3992	0.863 ng	#	84
11) bis(2-Chloroethyl)ether	6.43	93	392	0.115 ng	#	23
15) Benzyl Alcohol	6.89	79	1448	0.447 ng	#	58
19) n-Nitroso-di-n-propylamine	7.30	70	12726	4.598 ng	#	80
22) Acetophenone	7.16	105	355	0.064 ng	#	55
24) Nitrobenzene	7.30	77	144	0.035 ng	#	41
25) Isophorone	7.45	82	3009	0.410 ng	#	65
31) Naphthalene	8.03	128	1502	0.145 ng	#	69
36) 4-Chloro-3-methylphenol	8.60	107	1273	0.392 ng	#	22
37) 2-Methylnaphthalene	8.73	142	468	0.067 ng	#	59
38) 1-Methylnaphthalene	8.83	142	574	0.087 ng	#	76
46) 1,1'-Biphenyl	9.19	154	184	0.021 ng	#	43
48) 2-Nitroaniline	9.48	65	106	0.050 ng	#	1
49) Acenaphthylene	9.63	152	1767	0.186 ng	#	86
50) Dimethylphthalate	9.49	163	26667	3.602 ng	#	97
51) 2,6-Dinitrotoluene	9.76	165	12783	8.275 ng	#	26
52) Acenaphthene	9.80	154	2059	0.352 ng	#	94
55) Dibenzofuran	9.97	168	1908	0.225 ng	#	98
56) 4-Nitrophenol	9.97	139	683	4.881 ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	12783	6.224 ng	#	15
58) Fluorene	10.32	166	3082	0.440 ng	#	79
63) Azobenzene	10.56	77	123	0.016 ng	#	1
66) n-Nitrosodiphenylamine	10.56	169	1020	0.192 ng	#	42
67) 4-Bromophenyl-phenylether	10.56	248	1478	0.945 ng	#	1
71) Phenanthrene	11.27	178	57480	6.818 ng	#	99
72) Anthracene	11.27	178	57480	6.645 ng	#	100
73) Carbazole	11.49	167	6466	0.818 ng	#	89
74) Di-n-butylphthalate	11.81	149	4260	0.403 ng	#	98
75) Fluoranthene	12.47	202	105806	12.536 ng	#	98
77) Benizidine	12.43	184	128	Below Cal	#	67
78) Pvrene	12.69	202	87465	10.786 ng	#	98
80) Butylbenzylphthalate	13.30	149	10777	2.671 ng	#	96

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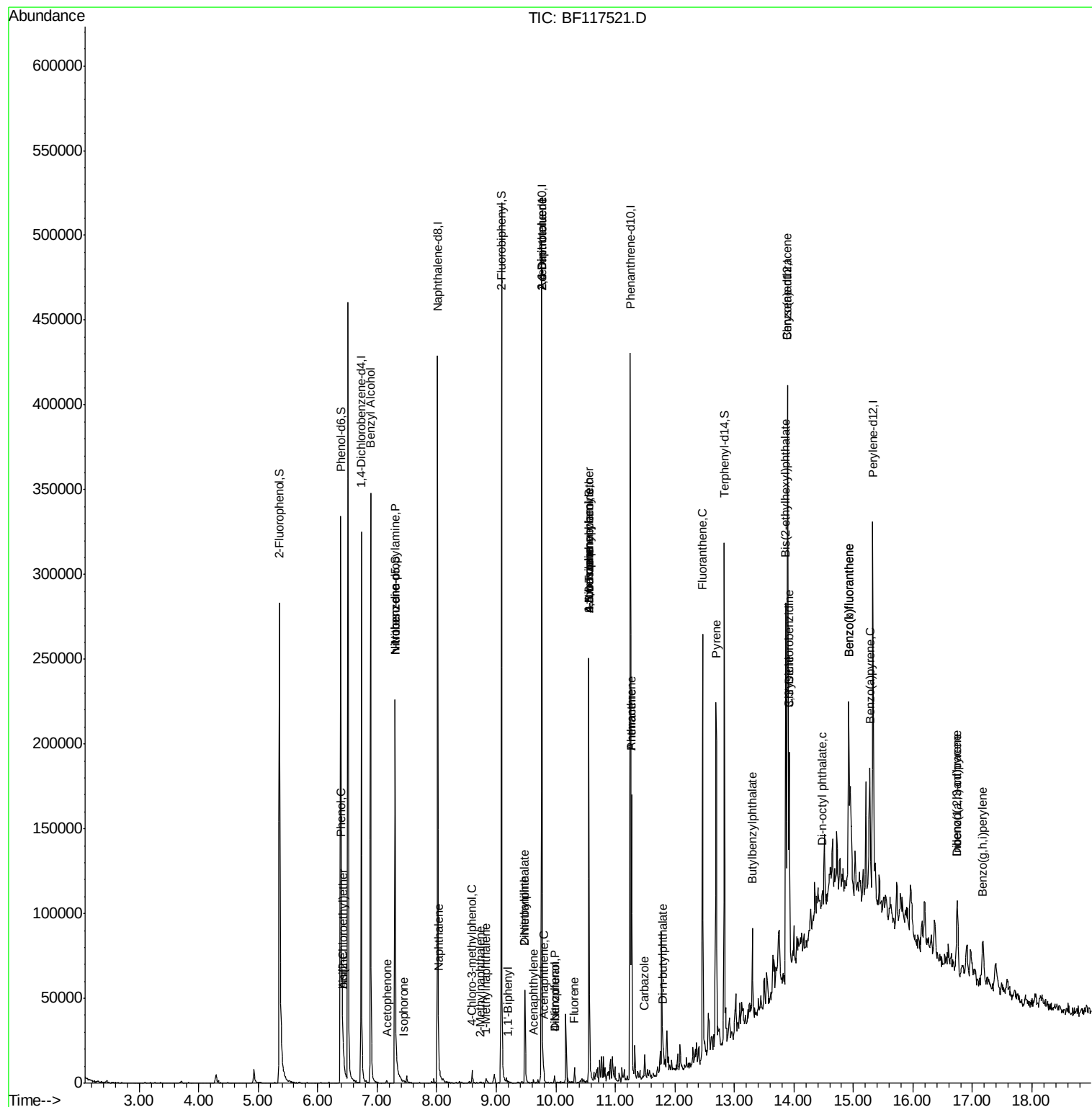
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	13.89	228	39376	6.183	nq	97
82) 3,3'-Dichlorobenzidine	13.92	252	125	0.063	nq #	3
83) Chrysene	13.92	228	43616	6.988	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	59336	10.497	nq #	95
85) Di-n-octyl phthalate	14.48	149	3690	0.425	nq #	62
86) Indeno(1,2,3-cd)pyrene	16.74	276	18635	3.999	nq	96
88) Benzo(b)fluoranthene	14.92	252	74962	13.878	nq	97
89) Benzo(k)fluoranthene	14.92	252	74962	13.540	nq #	96
90) Benzo(a)pyrene	15.27	252	34014	6.926	nq #	93
91) Dibenzo(a,h)anthracene	16.74	278	5830	1.373	nq #	78
92) Benzo(a,h,i)perylene	17.17	276	16812	4.184	nq #	89

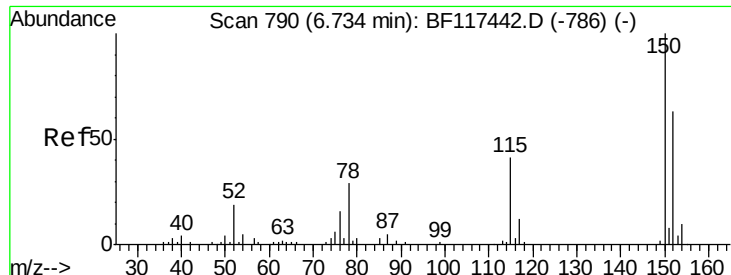
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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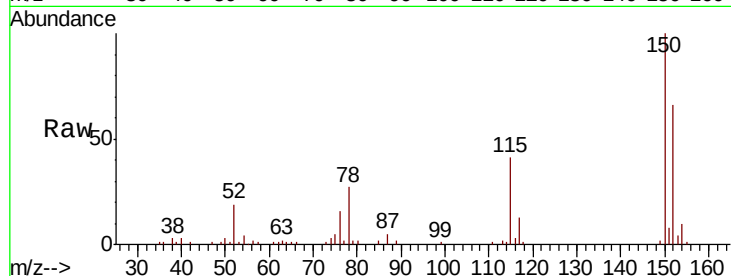


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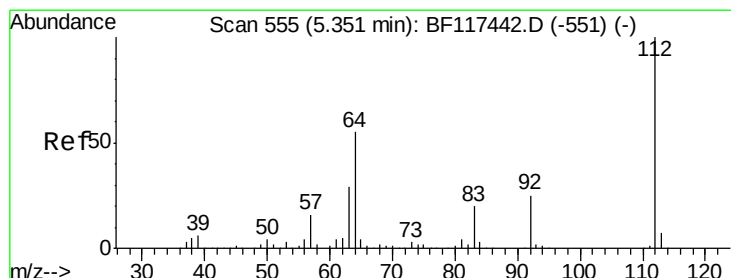
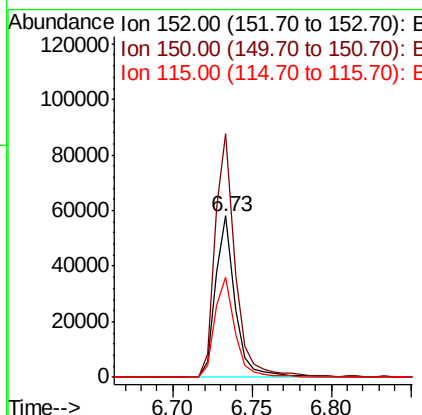
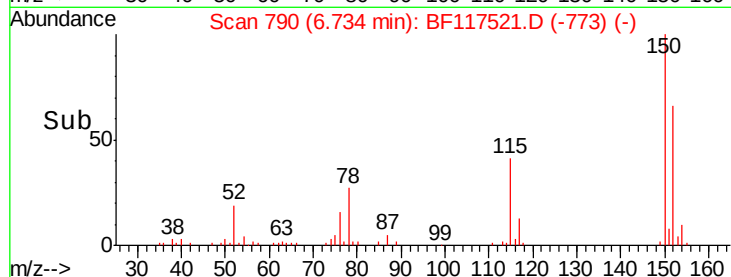
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion:152 Resp: 50197
Ion Ratio Lower Upper
152 100
150 151.1 126.8 190.2
115 62.5 51.6 77.4



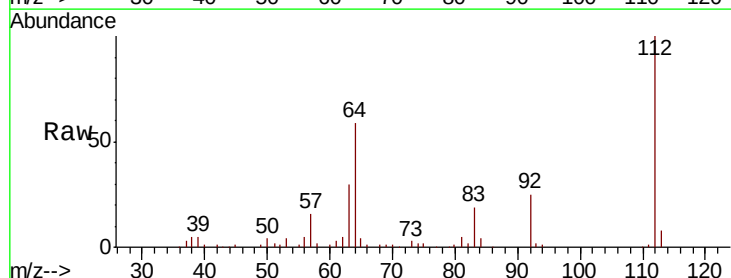
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



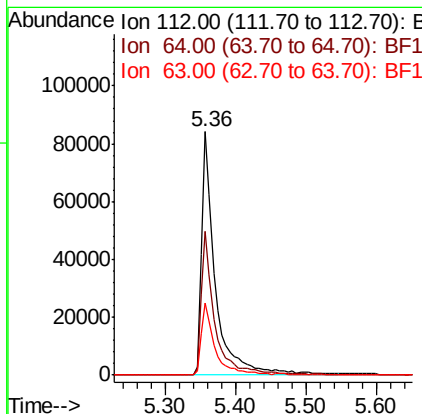
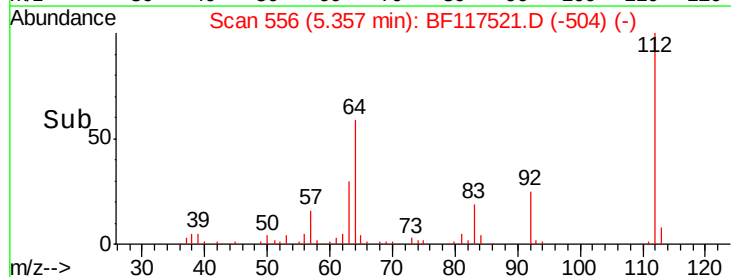
#5

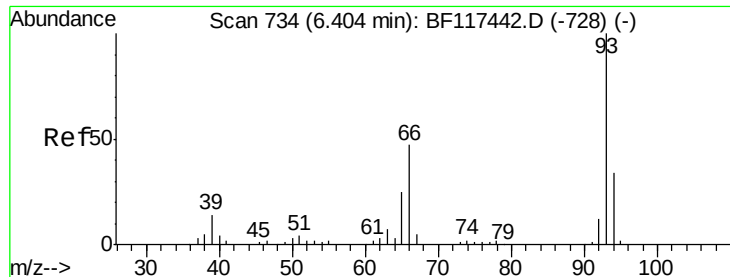
2-Fluorophenol
Concen: 34.530 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:112 Resp: 116508
Ion Ratio Lower Upper
112 100
64 58.8 44.1 66.1
63 29.6 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

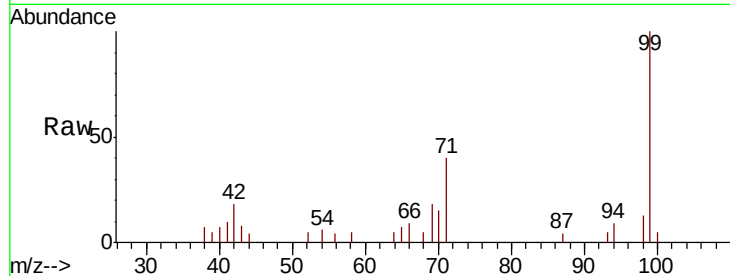




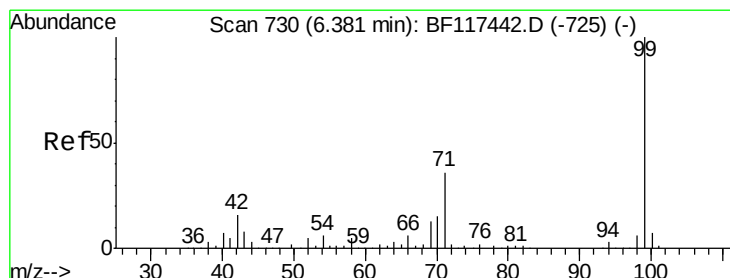
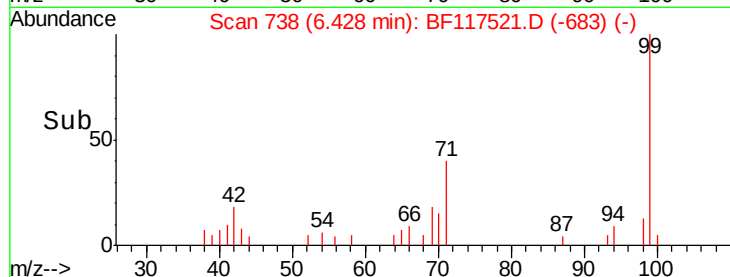
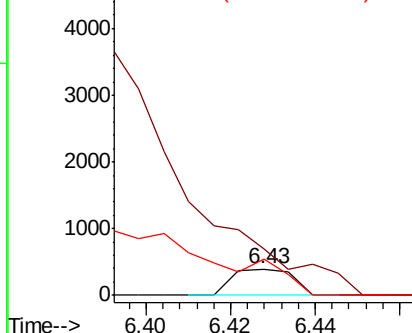
#6
Aniline
Concen: 0.074 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion: 93 Resp: 392
Ion Ratio Lower Upper
93 100
66 180.3 38.7 58.1#
65 137.1 20.1 30.1#

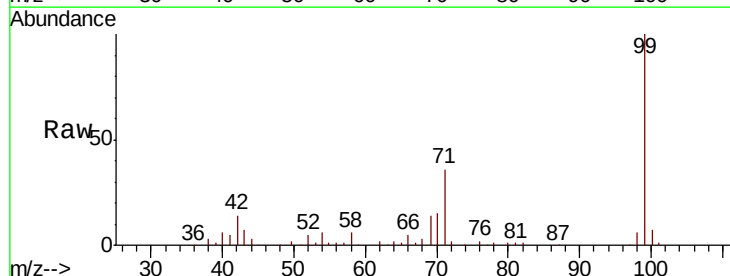


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

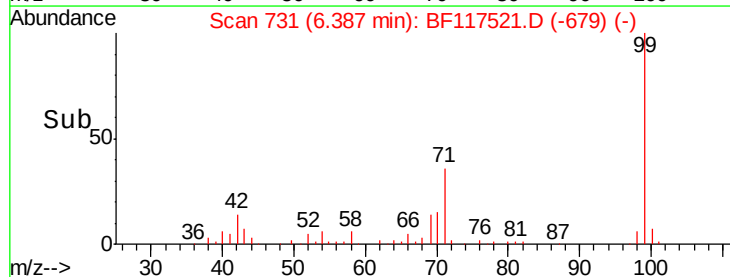
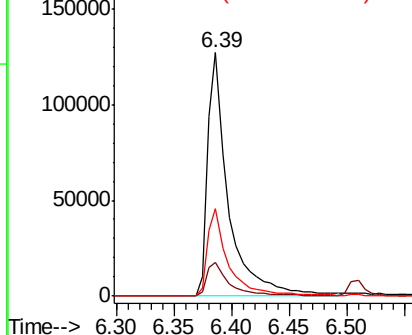


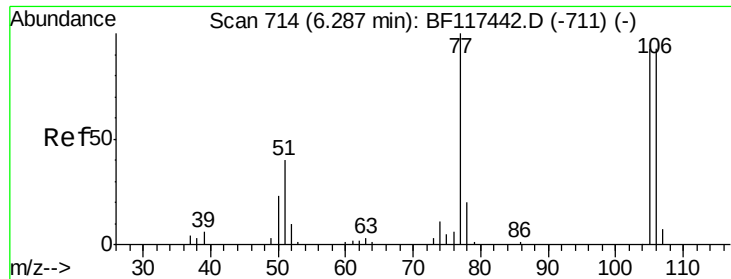
#7
Phenol-d6
Concen: 35.137 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion: 99 Resp: 159233
Ion Ratio Lower Upper
99 100
42 13.8 12.8 19.2
71 36.1 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: 6.39 min Scan# 731

Delta R.T. 0.10 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

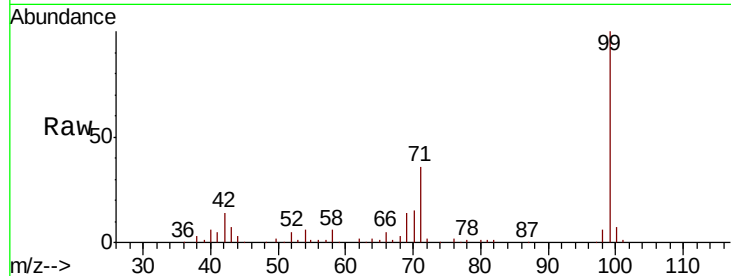
Tot Ion: 77 Resp: 114

Ion Ratio Lower Upper

77 100

105 0.0 73.4 113.4#

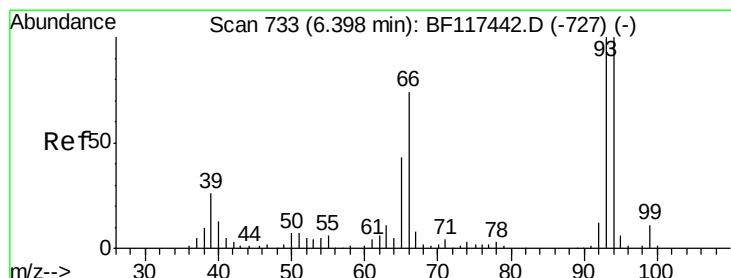
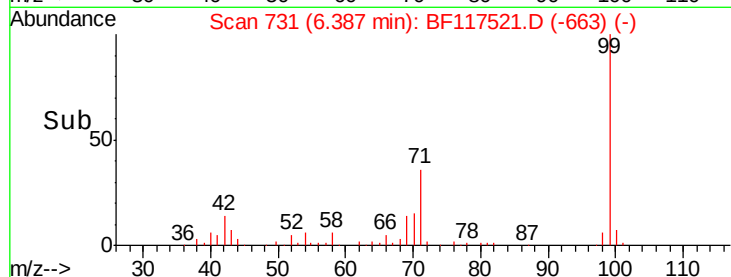
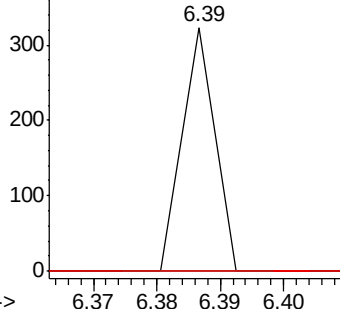
106 0.0 73.0 113.0#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.863 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

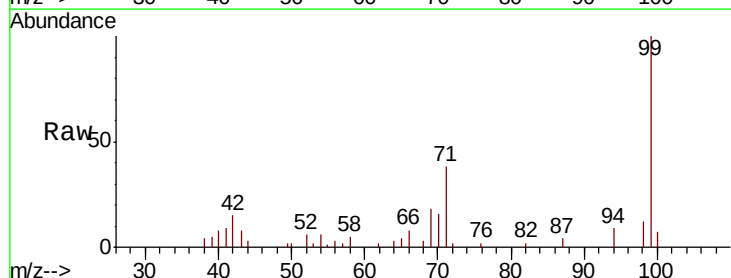
Tgt Ion: 94 Resp: 3992

Ion Ratio Lower Upper

94 100

65 40.6 23.4 63.4

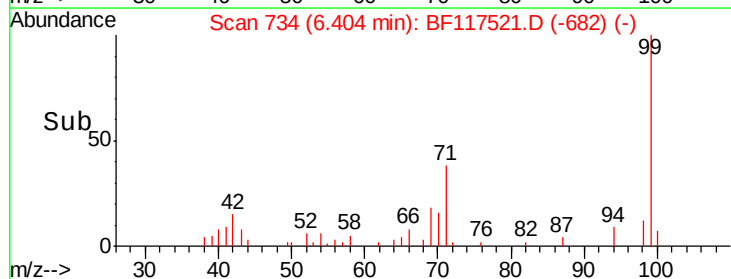
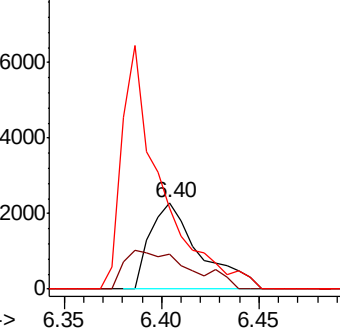
66 94.1 54.7 94.7

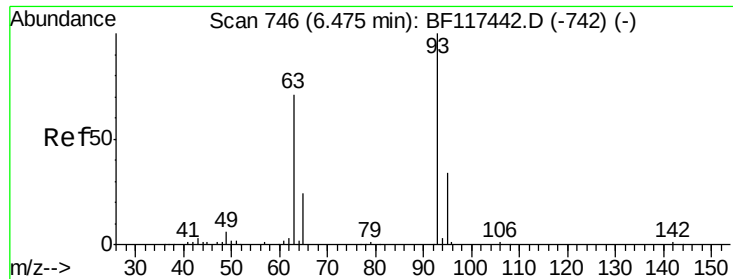


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

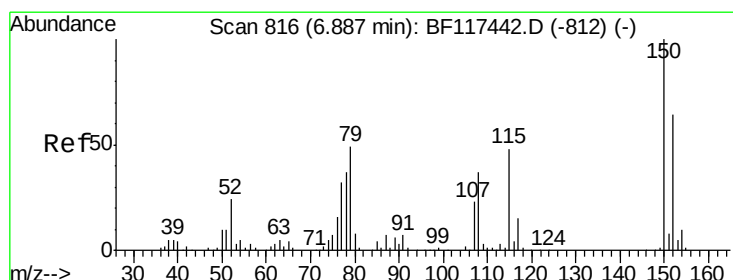
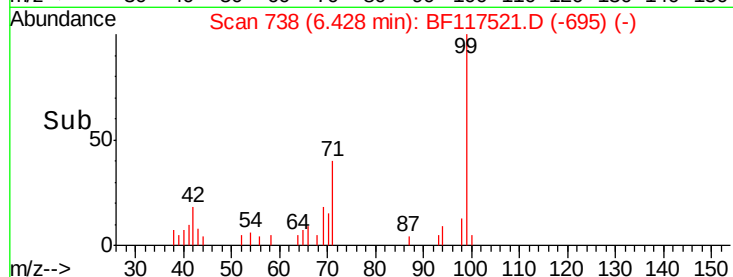
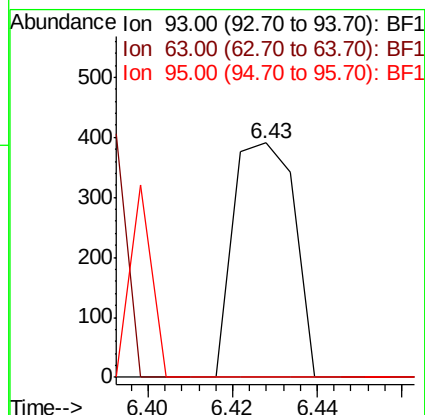
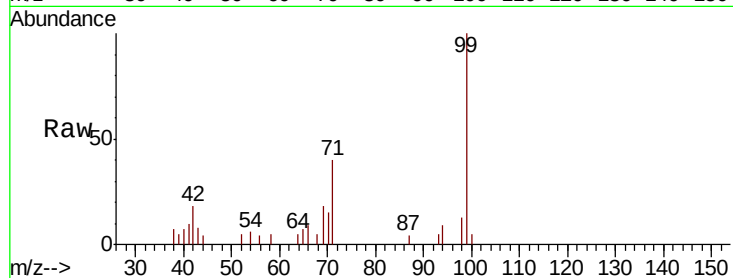




#11
bis(2-Chloroethyl)ether
Concen: 0.115 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

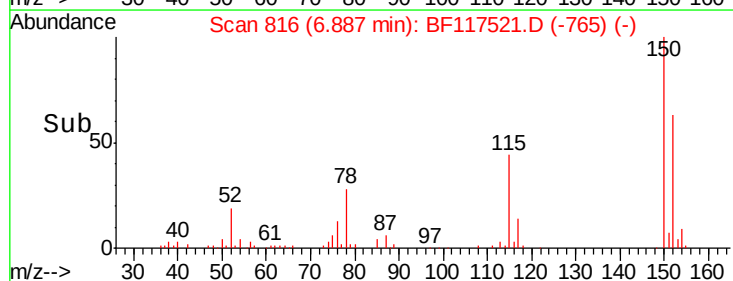
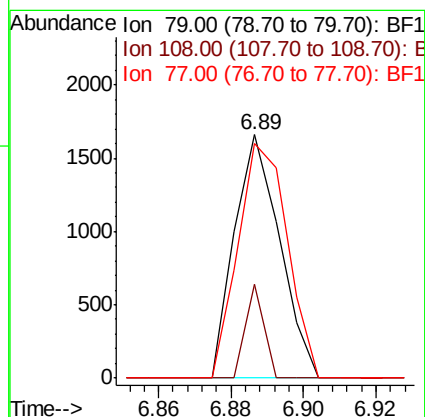
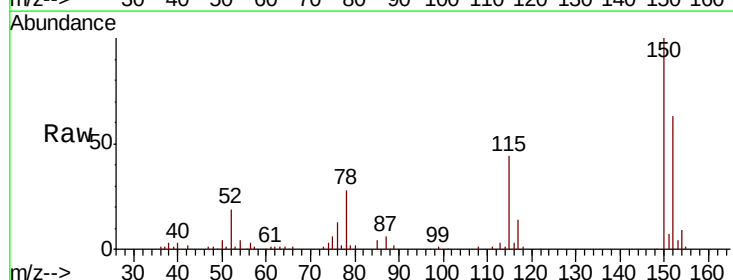
Instrument :
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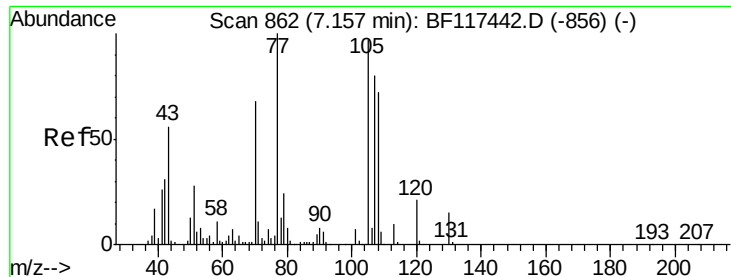
Tot Ion: 93 Resp: 392
Ion Ratio Lower Upper
93 100
63 0.0 50.2 90.2#
95 0.0 13.9 53.9#



#15
Benzyl Alcohol
Concen: 0.447 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion: 79 Resp: 1448
Ion Ratio Lower Upper
79 100
108 38.7 59.8 89.8#
77 96.2 51.4 77.0#





#19

n-Nitroso-di-n-propylamine

Concen: 4.598 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

Tot Ion: 70 Resp: 12726

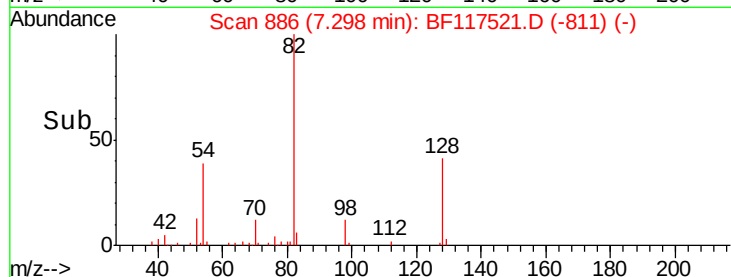
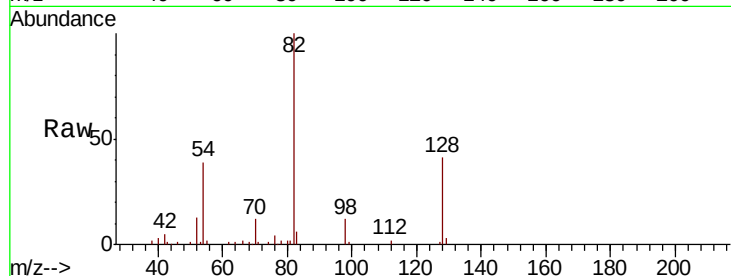
Ion Ratio Lower Upper

70 100

42 42.6 36.7 55.1

101 0.0 8.3 12.5#

130 0.0 18.1 27.1#

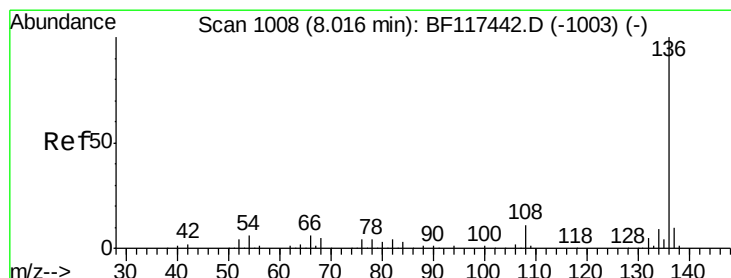
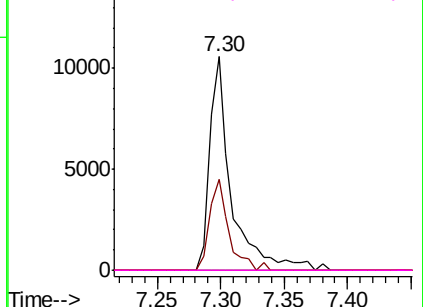


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Tgt Ion:136 Resp: 209673

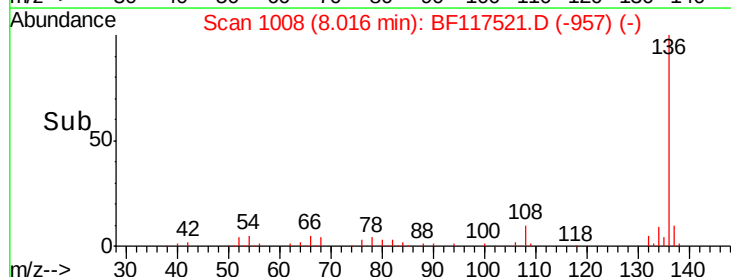
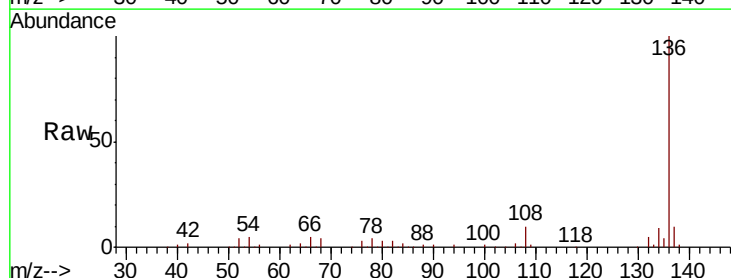
Ion Ratio Lower Upper

136 100

137 9.8 8.2 12.4

54 5.5 4.5 6.7

68 4.3 4.3 6.5

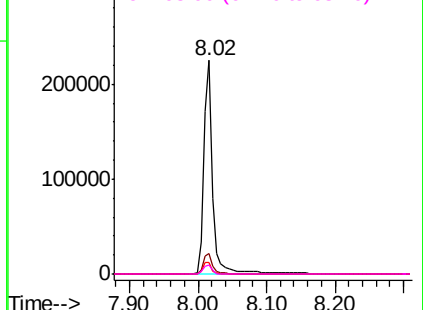


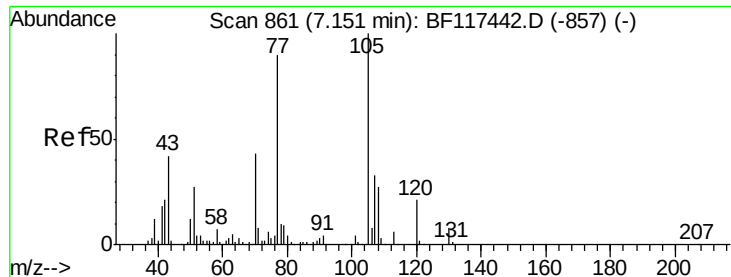
Abundance Ion 136.00 (135.70 to 136.70): E

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

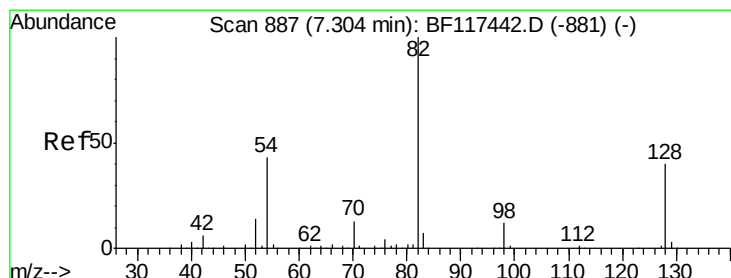
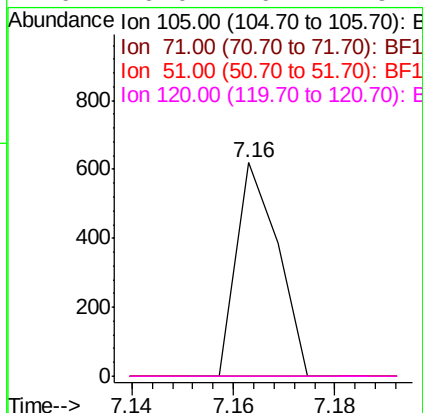
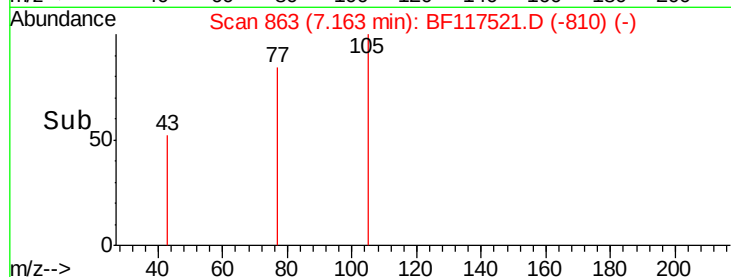
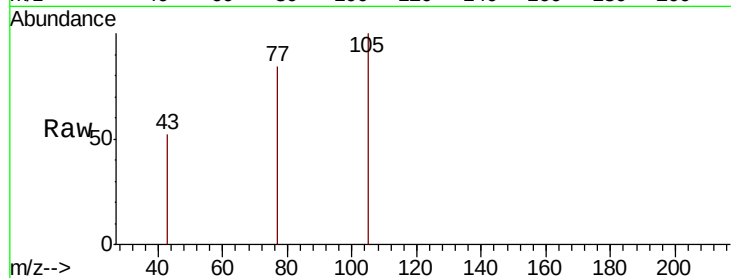




#22
Acetophenone
Concen: 0.064 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

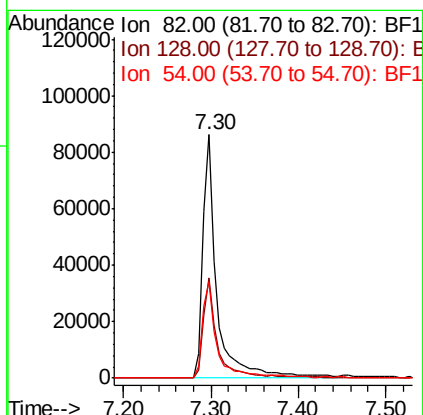
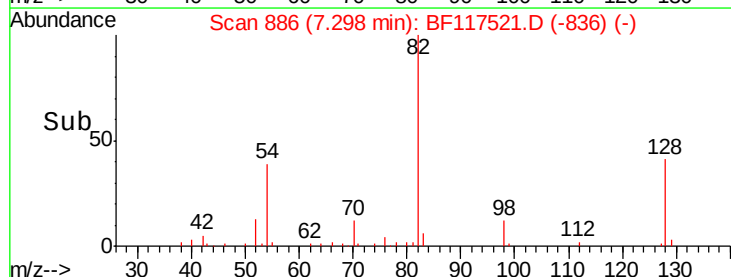
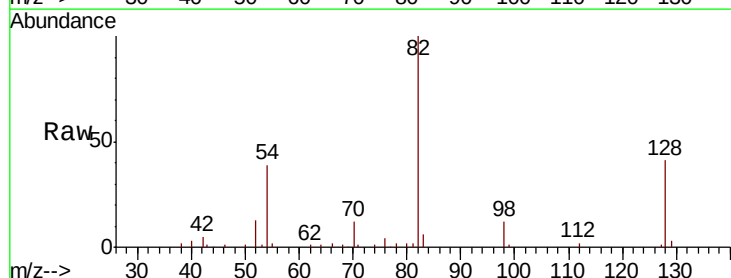
Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

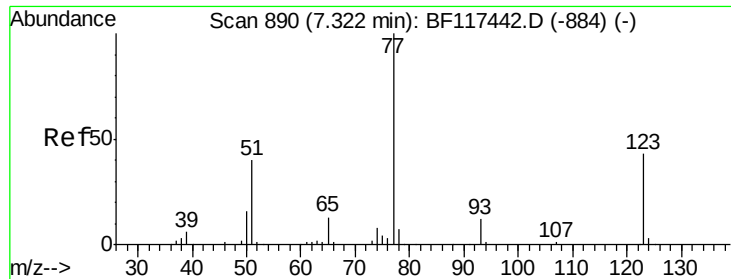
Tot Ion: 105 Resp: 355
Ion Ratio Lower Upper
105 100
71 0.0 6.2 9.2#
51 0.0 21.8 32.6#
120 0.0 16.7 25.1#



#23
Nitrobenzene-d5
Concen: 22.940 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion: 82 Resp: 97431
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 39.4 34.2 51.2

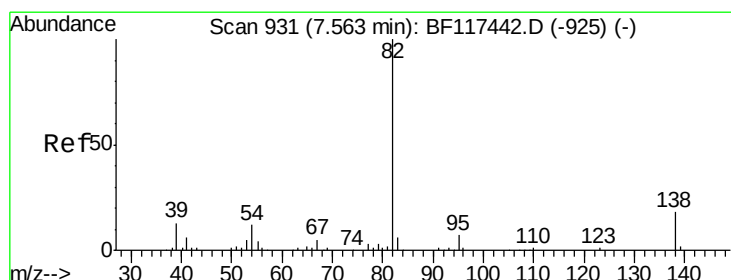
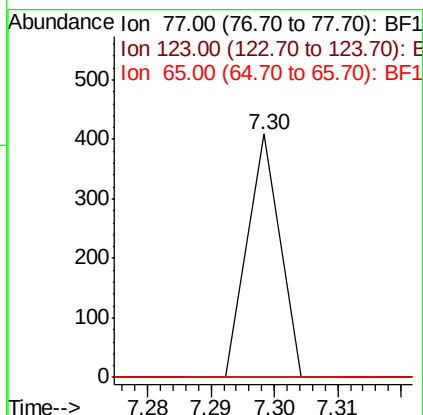
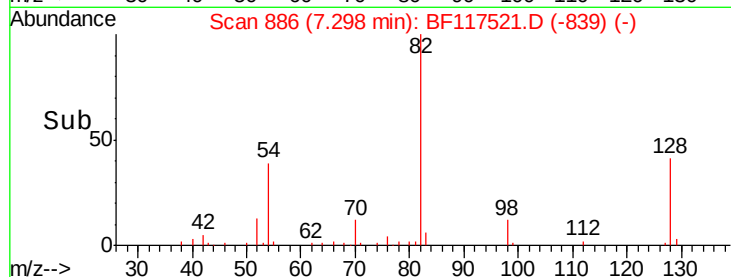
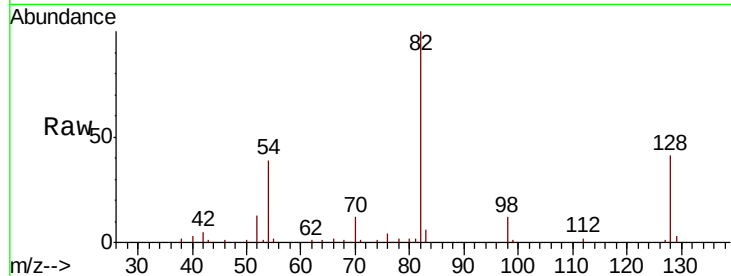




#24
 Nitrobenzene
 Concen: 0.035 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

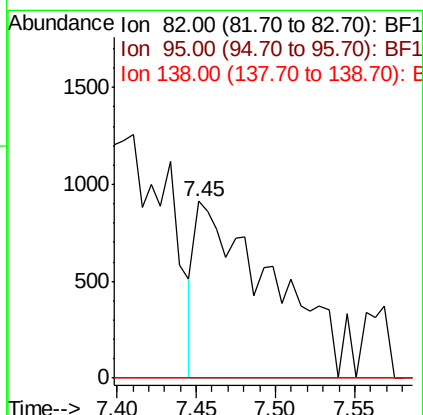
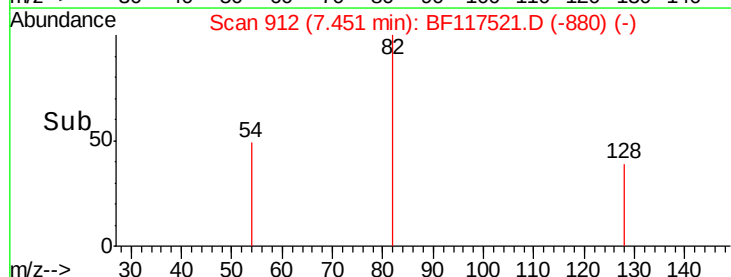
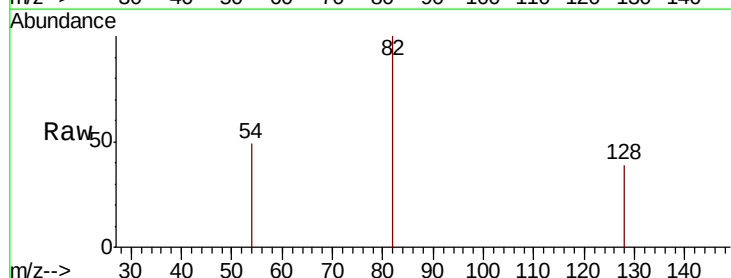
Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

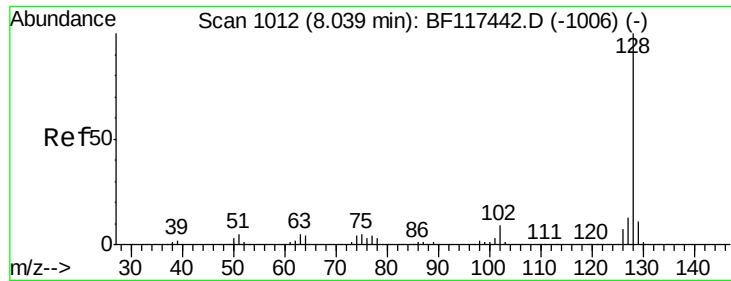
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.2	51.2#
65	0.0	10.3	15.5#



#25
 Isophorone
 Concen: 0.410 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.11 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

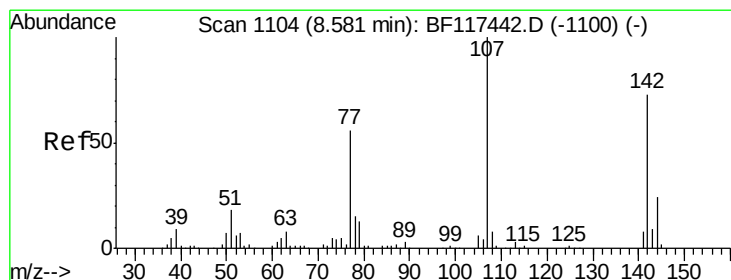
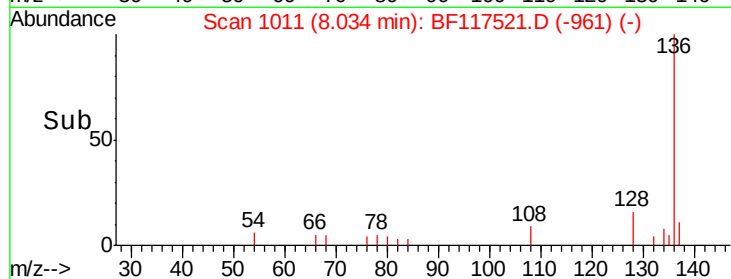
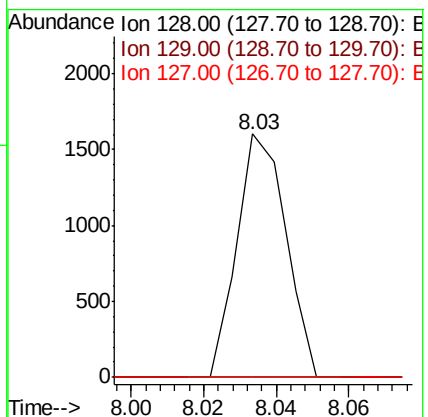
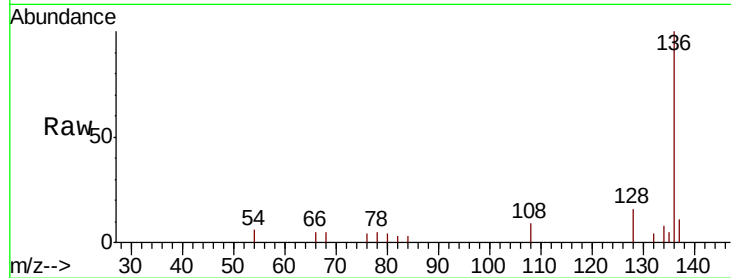




#31
Naphthalene
Concen: 0.145 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

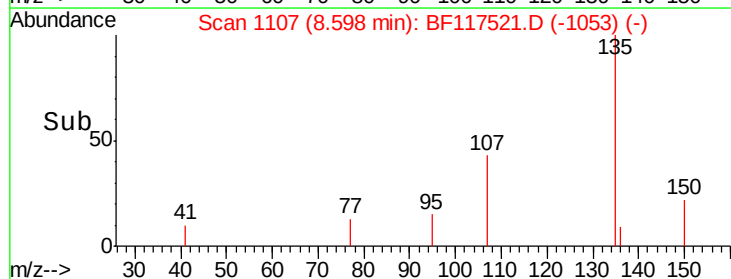
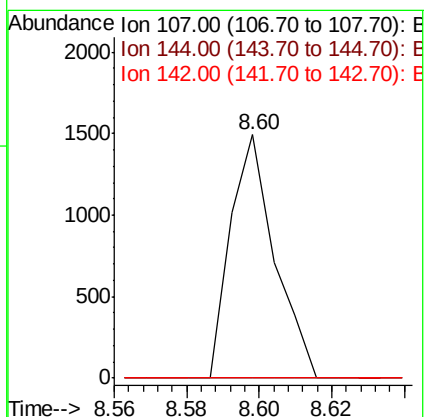
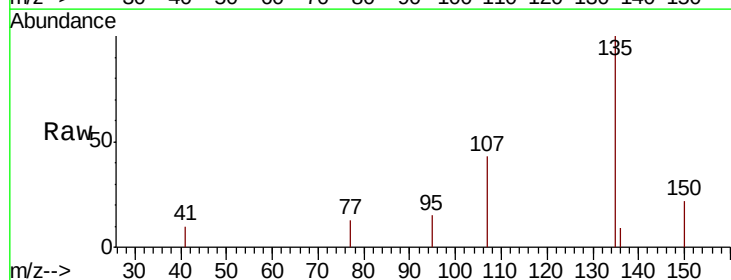
Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

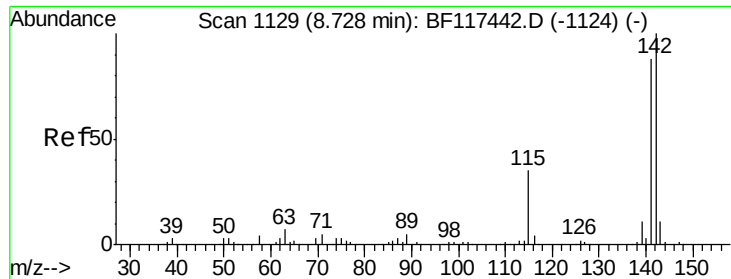
Tot Ion:128 Resp: 1502
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.2 15.2#



#36
4-Chloro-3-methylphenol
Concen: 0.392 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:107 Resp: 1273
Ion Ratio Lower Upper
107 100
144 0.0 18.9 28.3#
142 0.0 58.6 88.0#

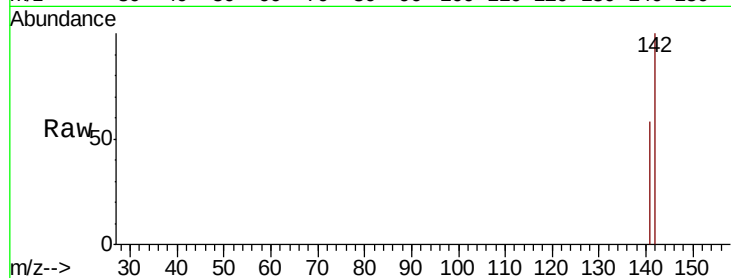




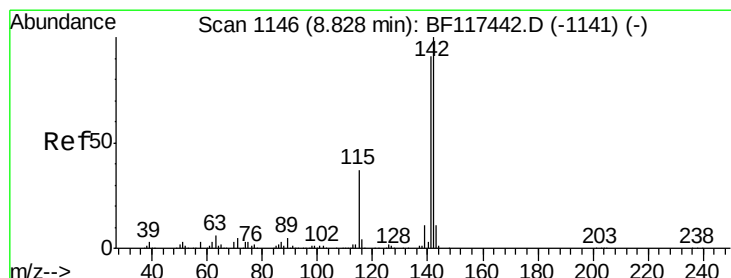
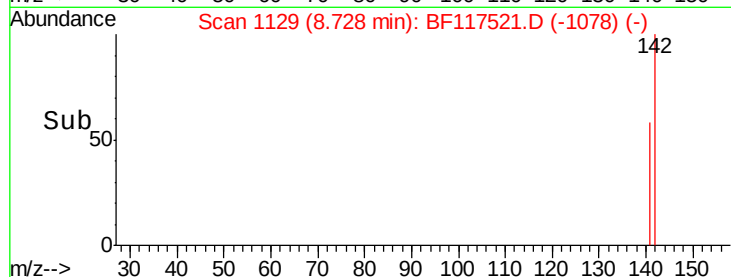
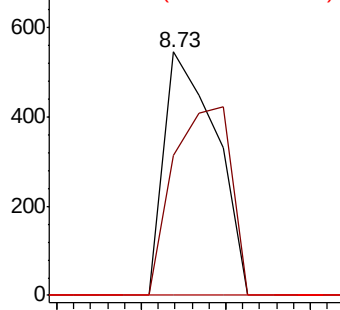
#37
2-Methylnaphthalene
Concen: 0.067 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 57.5 70.3 105.5#
115 0.0 28.2 42.2#

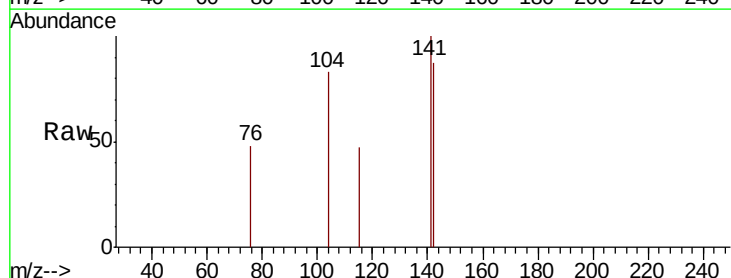


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

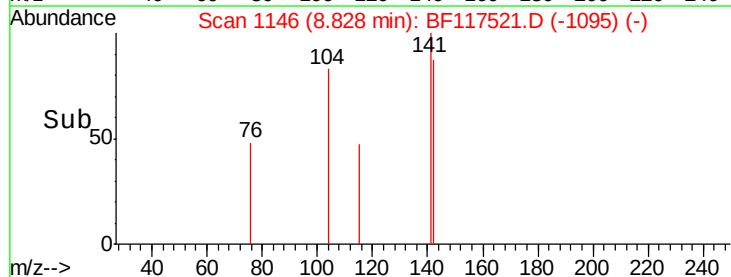
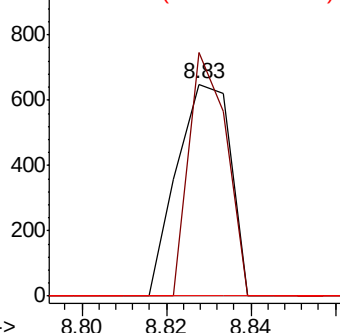


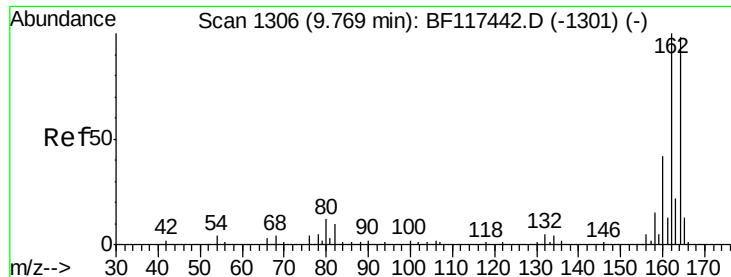
#38
1-Methylnaphthalene
Concen: 0.087 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:142 Resp: 574
Ion Ratio Lower Upper
142 100
141 114.9 73.3 109.9#
116 0.0 3.1 4.7#



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

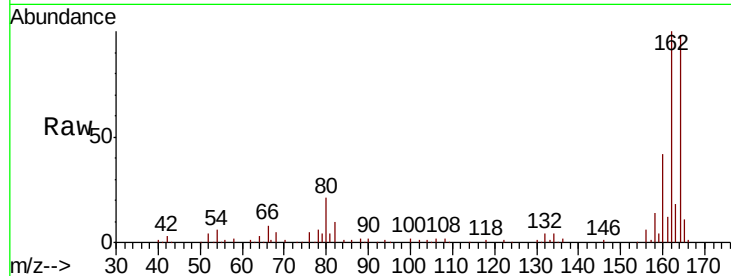




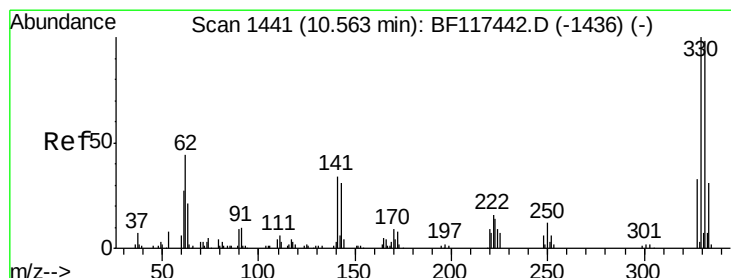
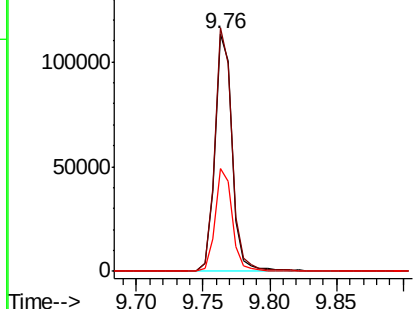
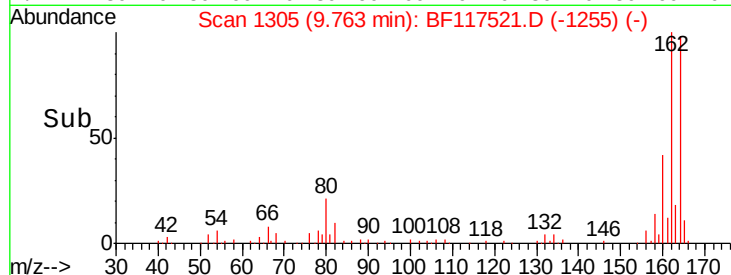
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

Tot Ion:164 Resp: 103845
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.8 122.6
 160 43.4 34.4 51.6

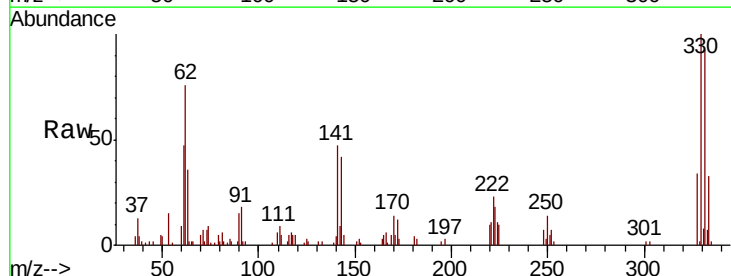


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

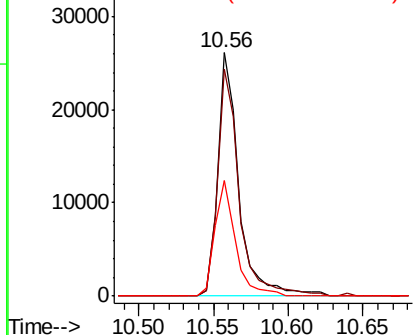
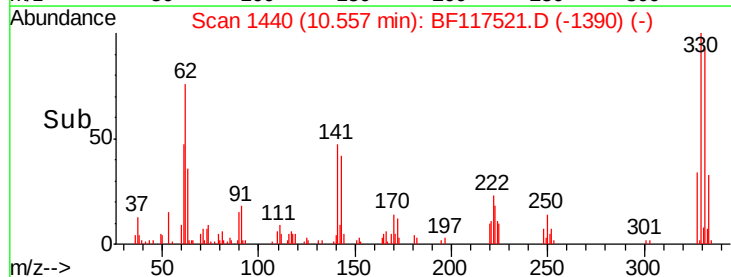


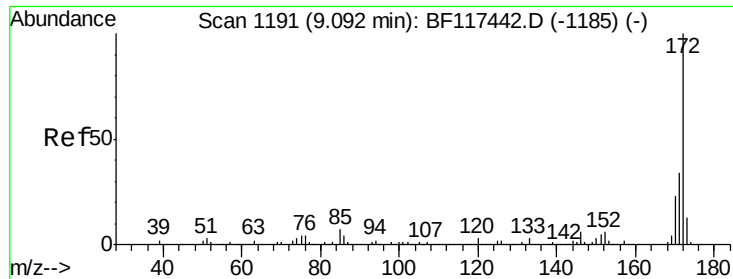
#42
 2,4,6-Tribromophenol
 Concen: 28.655 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Tgt Ion:330 Resp: 25747
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.5 117.7
 141 46.1 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

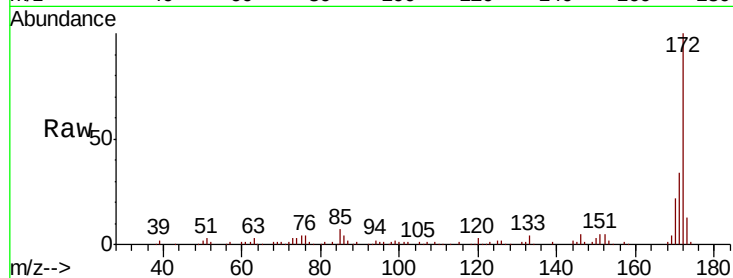




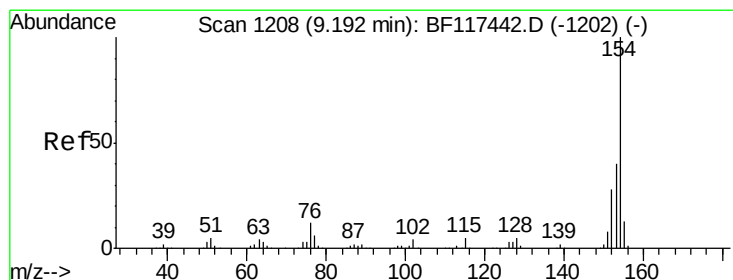
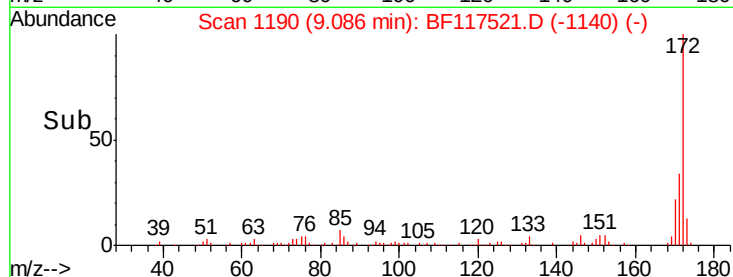
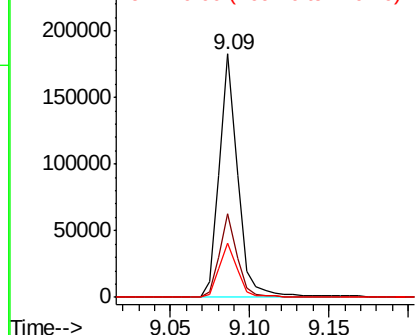
#45
2-Fluorobiphenyl
Concen: 20.402 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.5	41.3
170	22.0	18.6	27.8

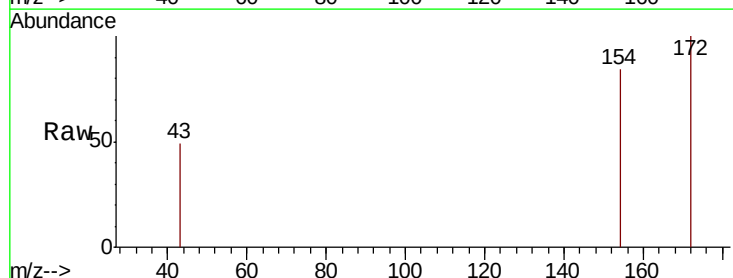


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

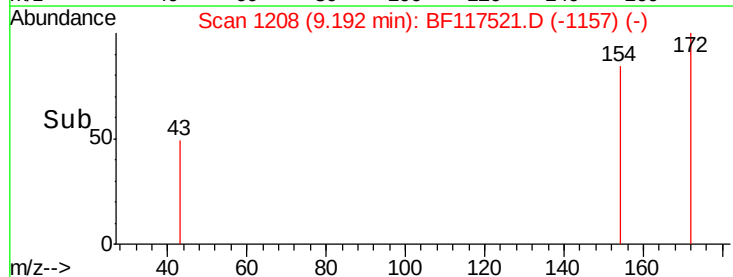
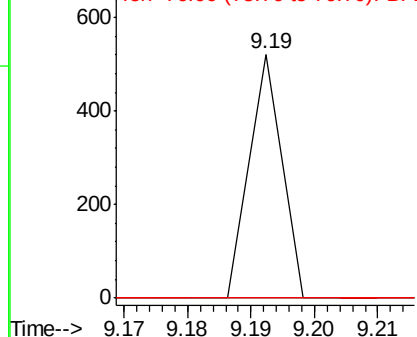


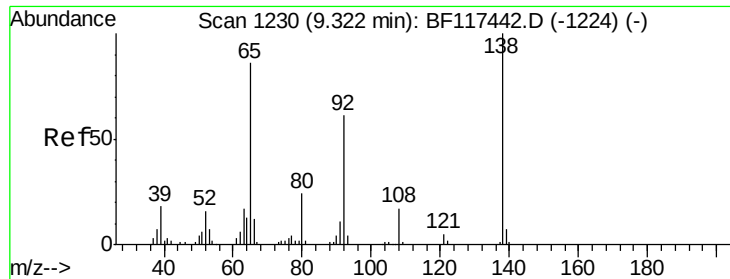
#46
1,1'-Biphenyl
Concen: 0.021 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	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

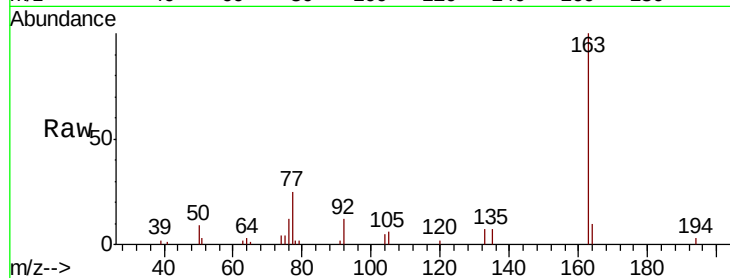




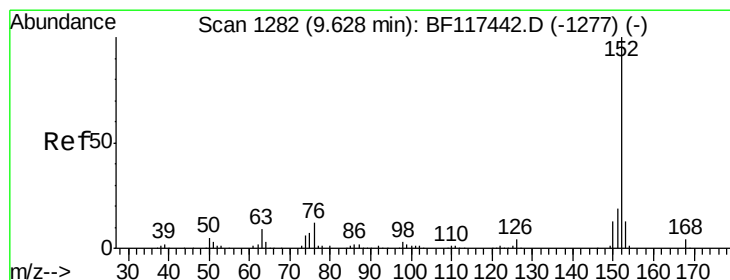
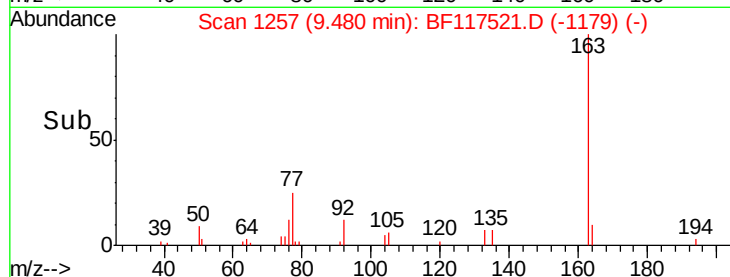
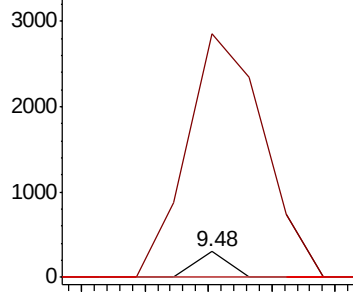
#48
 2-Nitroaniline
 Concen: 0.050 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.16 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

Tot Ion: 65 Resp: 106
 Ion Ratio Lower Upper
 65 100
 92 947.8 57.3 85.9#
 138 0.0 93.3 139.9#

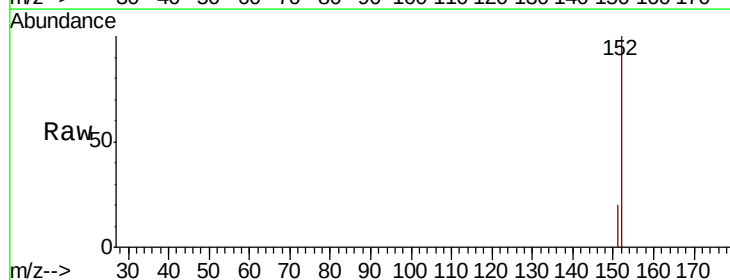


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

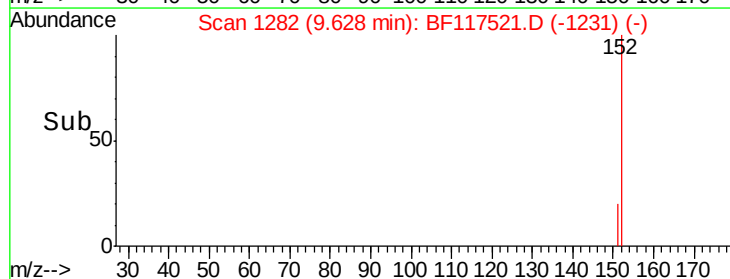
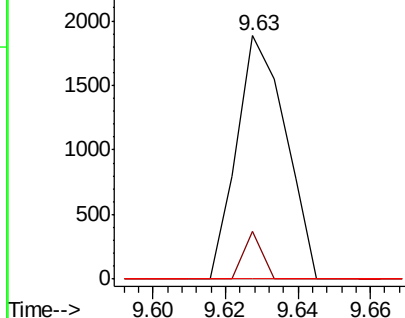


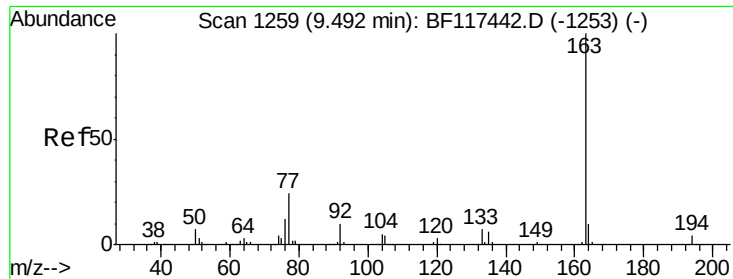
#49
 Acenaphthylene
 Concen: 0.186 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Tgt Ion: 152 Resp: 1767
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.4 23.0
 153 0.0 10.3 15.5#



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

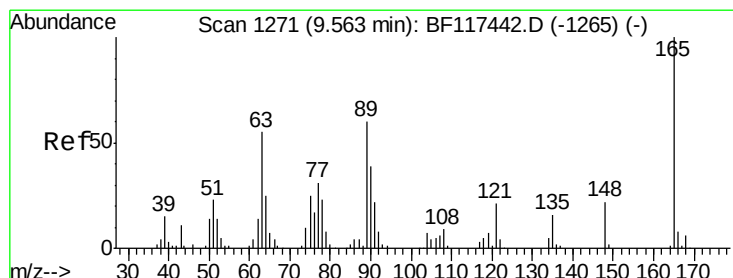
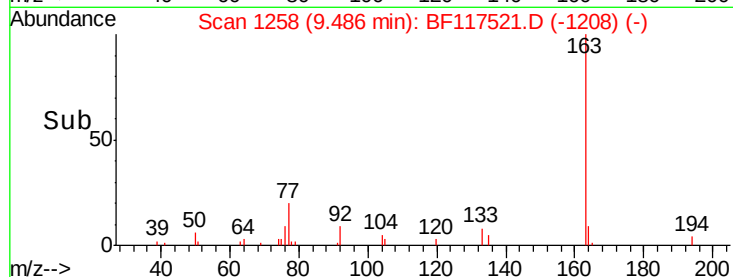
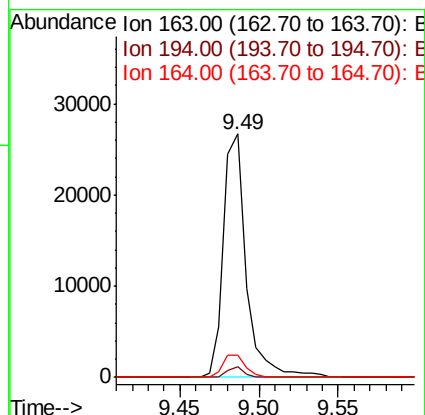
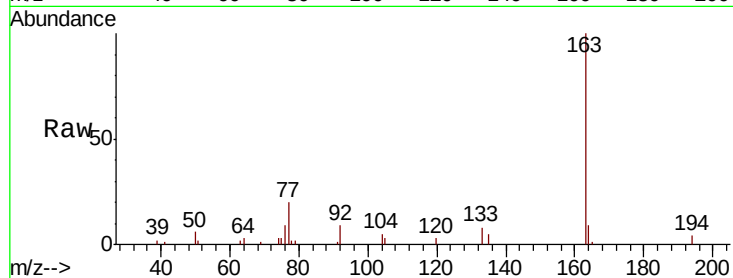




#50
Dimethylphthalate
Concen: 3.602 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

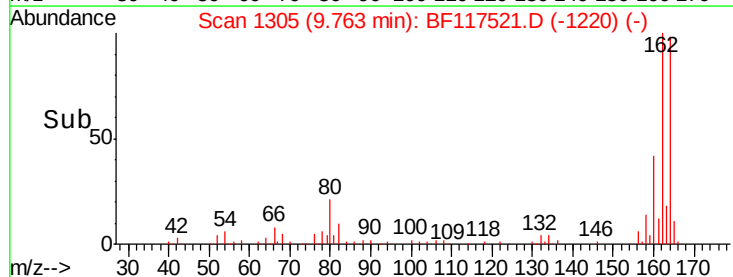
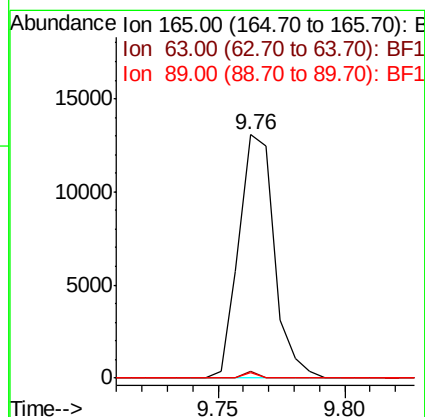
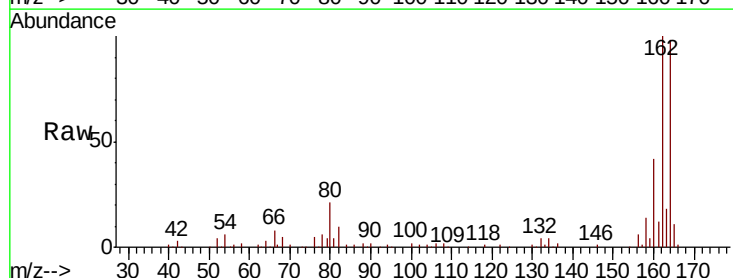
Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

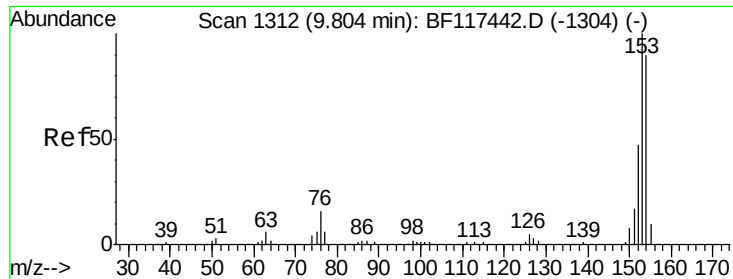
Tot Ion:163 Resp: 26667
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3#
164 9.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:165 Resp: 12783
Ion Ratio Lower Upper
165 100
63 2.9 43.8 65.8#
89 2.5 47.6 71.4#





#52

Acenaphthene

Concen: 0.352 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

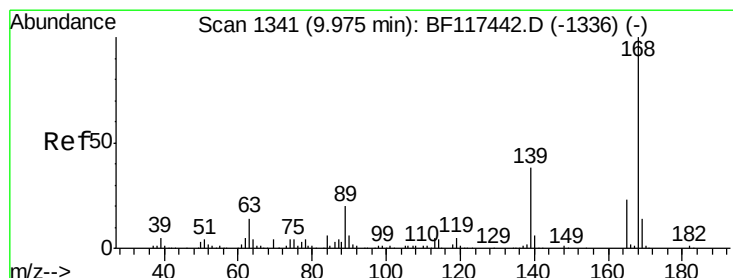
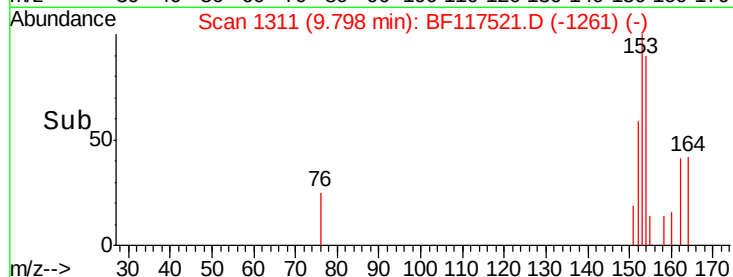
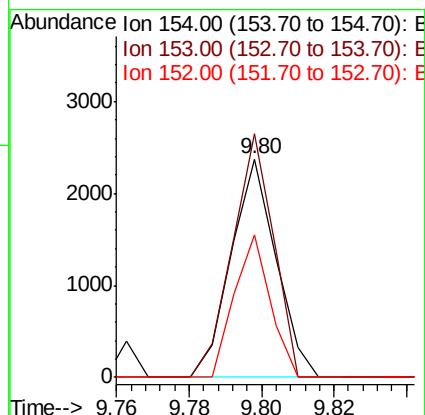
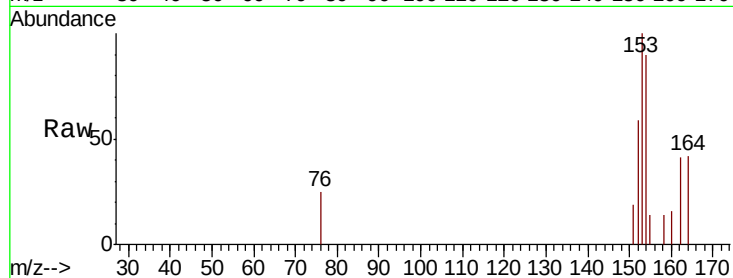
Tot Ion:154 Resp: 2059

Ion Ratio Lower Upper

154 100

153 111.6 89.2 133.8

152 65.4 41.8 62.6#



#55

Dibenzofuran

Concen: 0.225 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

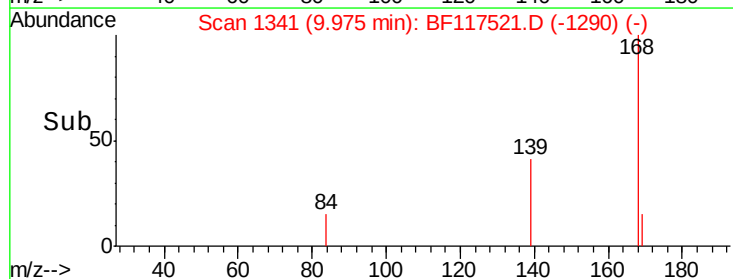
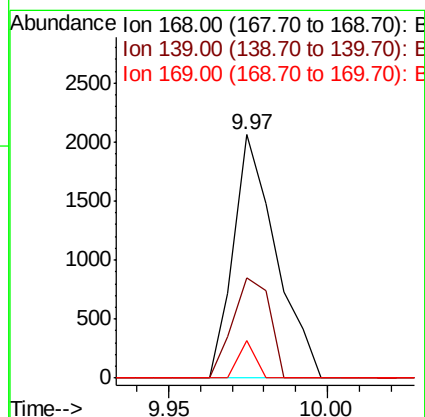
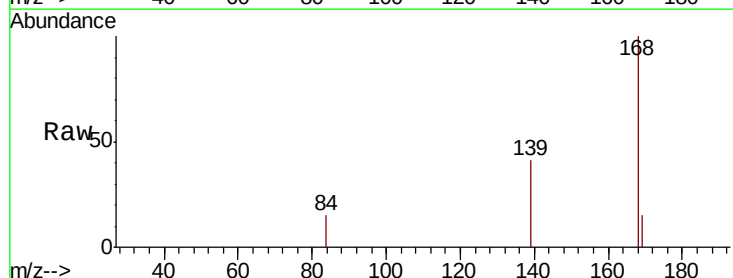
Tgt Ion:168 Resp: 1908

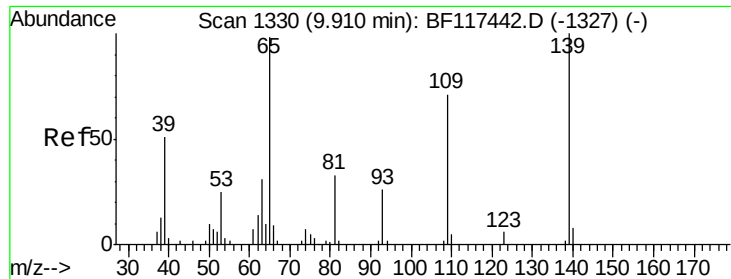
Ion Ratio Lower Upper

168 100

139 41.1 31.8 47.6

169 15.3 11.2 16.8

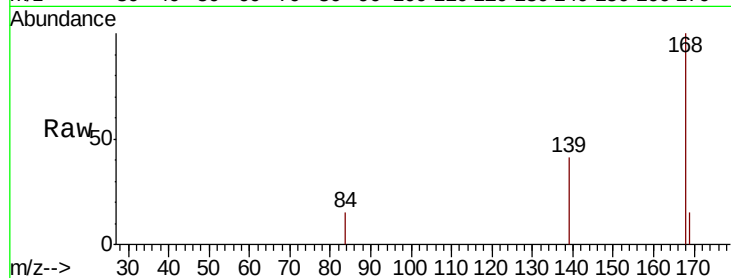




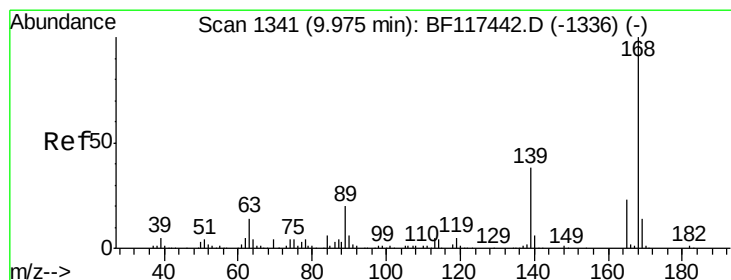
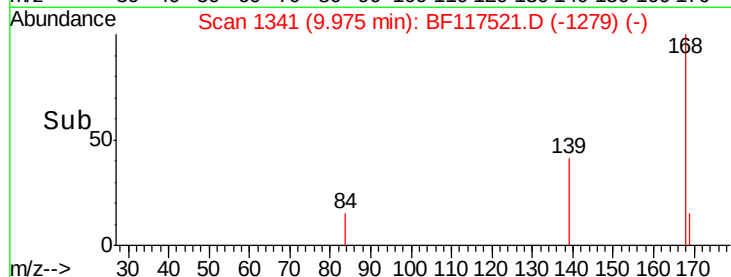
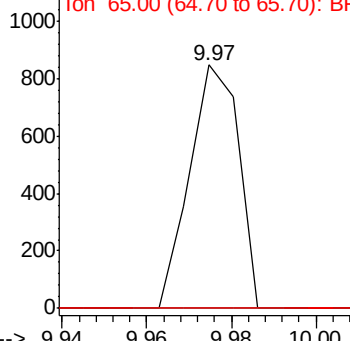
#56
4-Nitrophenol
Concen: 4.881 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampled :
195-42-(0-1)

Tot Ion:139 Resp: 683
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 0.0 79.4 119.4#

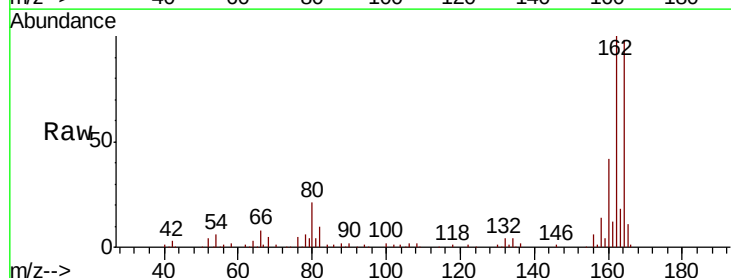


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

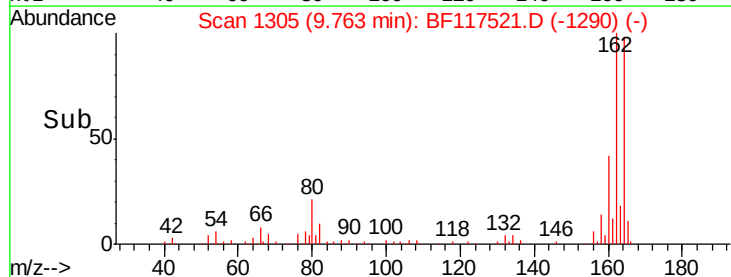
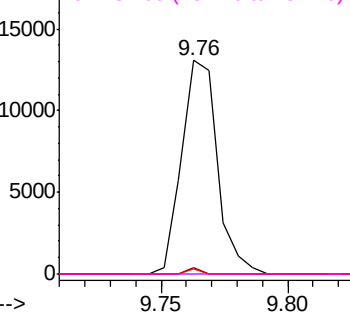


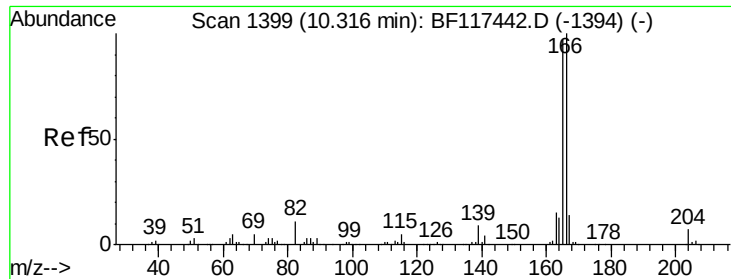
#57
2,4-Dinitrotoluene
Concen: 6.224 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:165 Resp: 12783
Ion Ratio Lower Upper
165 100
63 2.9 51.4 77.0#
89 2.5 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: 0.440 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

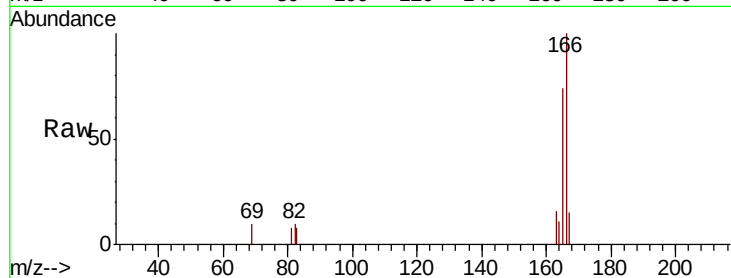
Tot Ion:166 Resp: 3082

Ion Ratio Lower Upper

166 100

165 73.9 77.6 116.4#

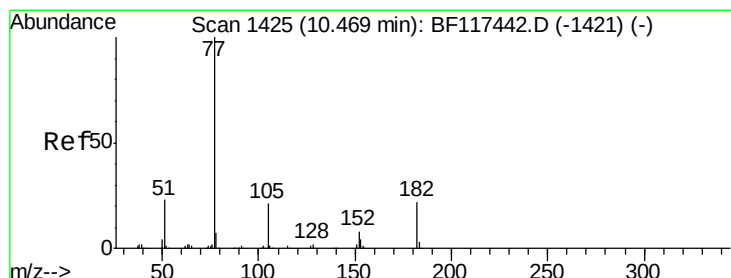
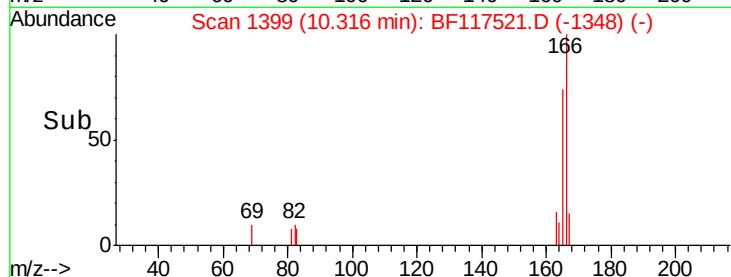
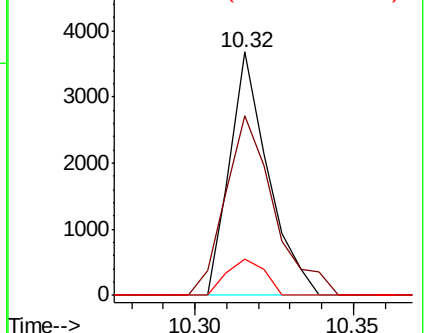
167 15.0 11.0 16.4



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



#63

Azobenzene

Concen: 0.016 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.09 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Tgt Ion: 77 Resp: 123

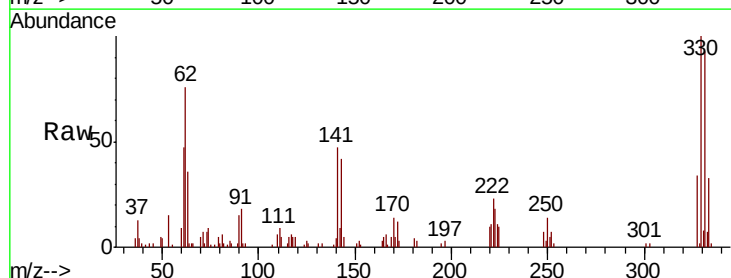
Ion Ratio Lower Upper

77 100

182 235.0 2.3 42.3#

105 0.0 1.3 41.3#

51 0.0 3.5 43.5#

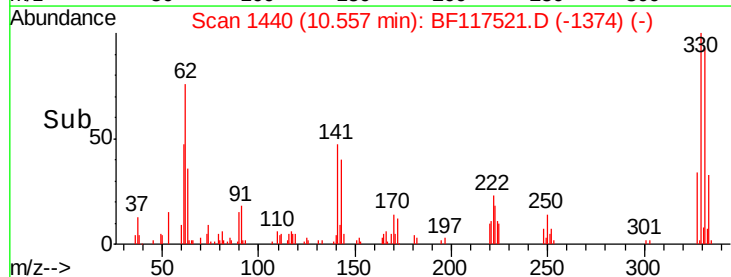
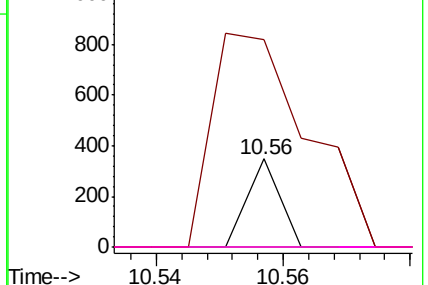


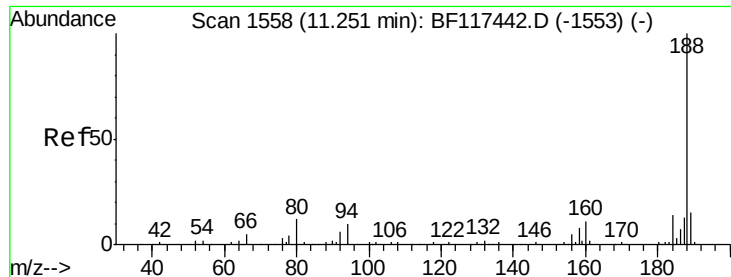
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

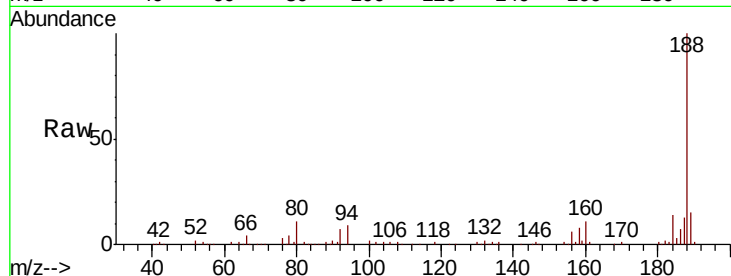
Tot Ion:188 Resp: 145194

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

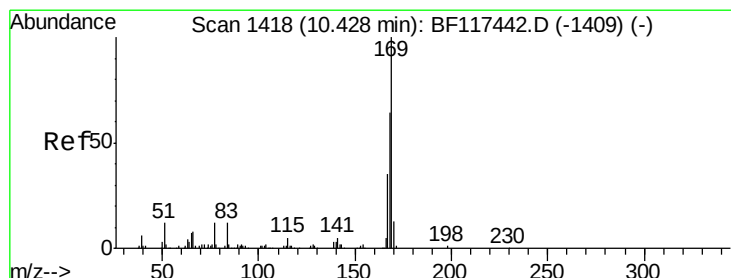
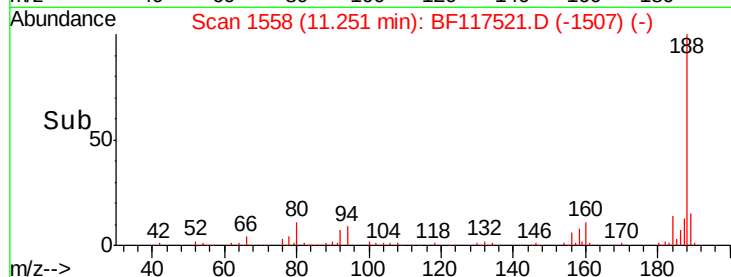
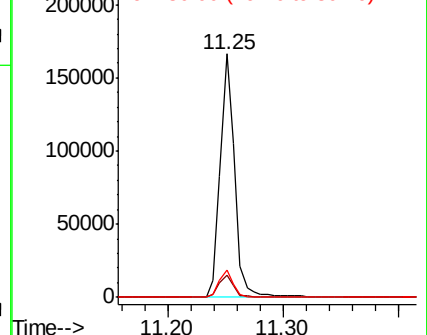
80 11.4 9.5 14.3



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



#66

n-Nitrosodiphenylamine

Concen: 0.192 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.13 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

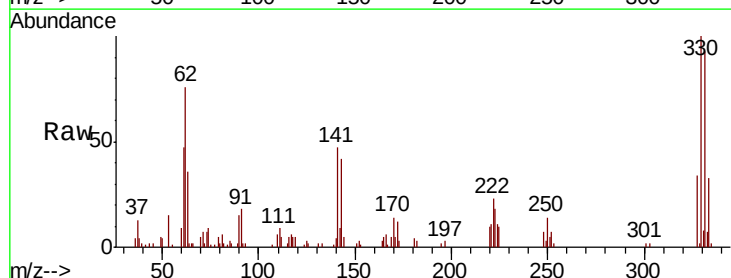
Tgt Ion:169 Resp: 1020

Ion Ratio Lower Upper

169 100

168 0.0 51.3 76.9#

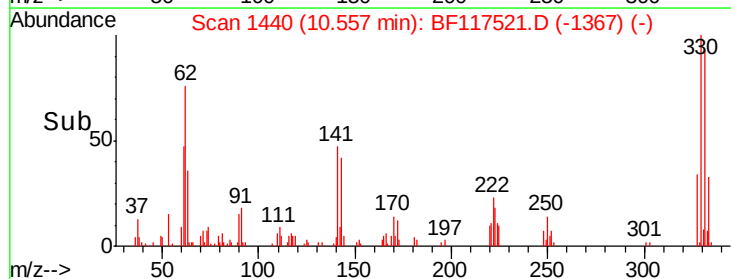
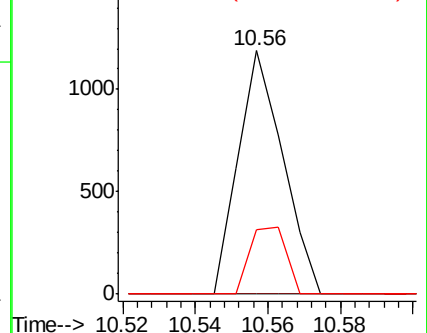
167 26.2 28.2 42.4#

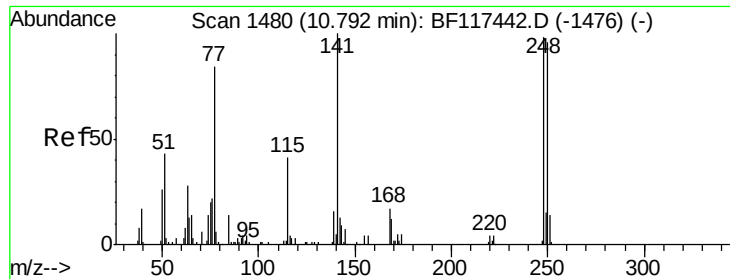


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

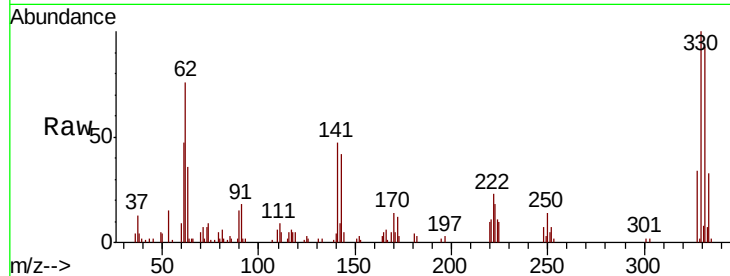




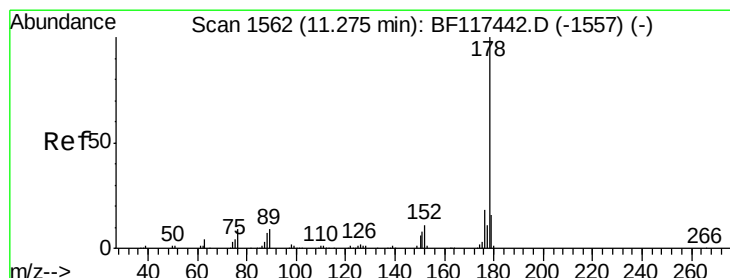
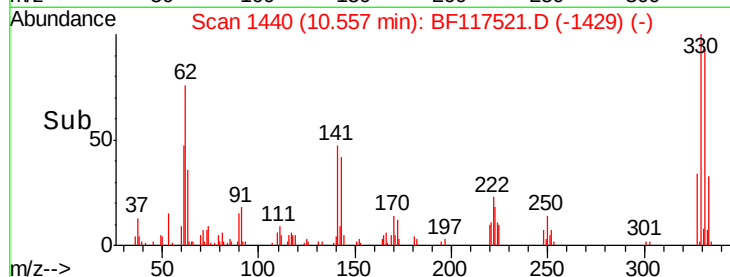
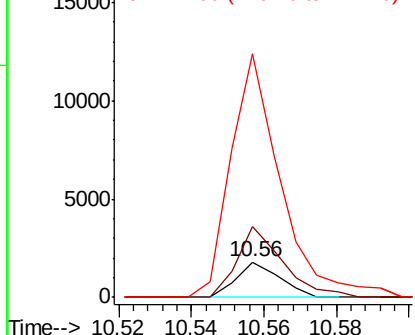
#67
4-Bromophenyl-phenylether
Concen: 0.945 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion:248 Resp: 1478
Ion Ratio Lower Upper
248 100
250 200.0 78.0 117.0#
141 684.1 81.7 122.5#

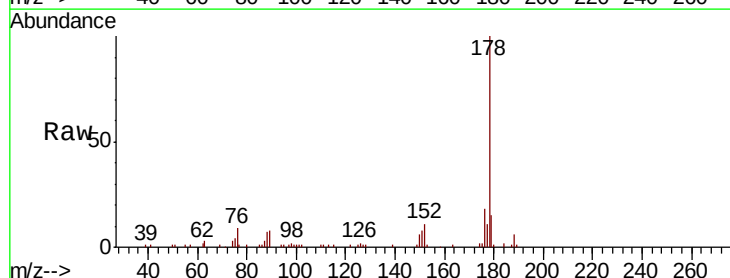


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

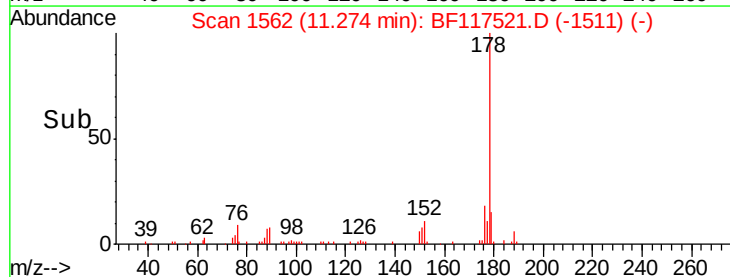
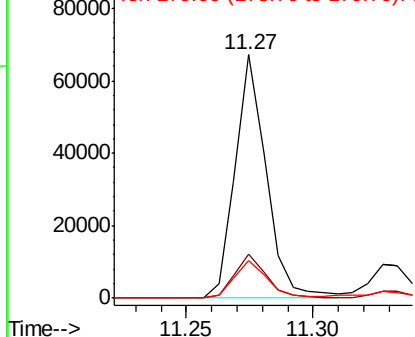


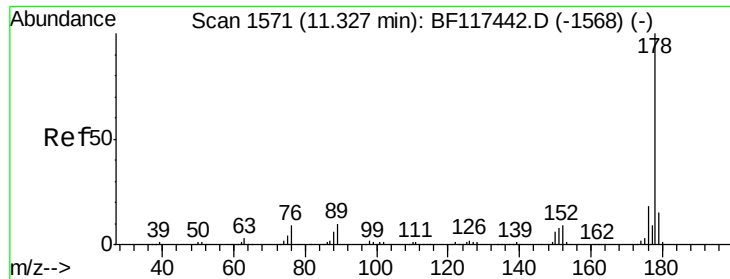
#71
Phenanthrene
Concen: 6.818 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:178 Resp: 57480
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.2 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

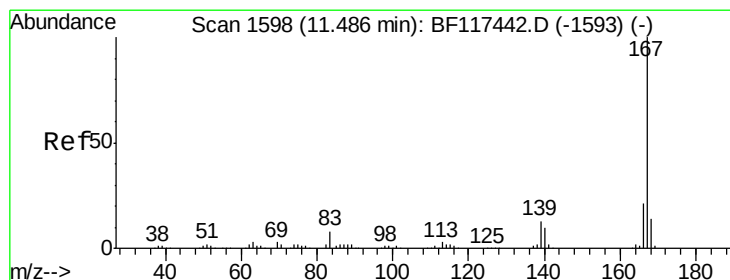
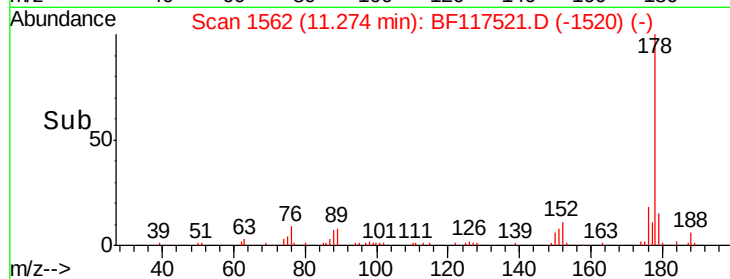
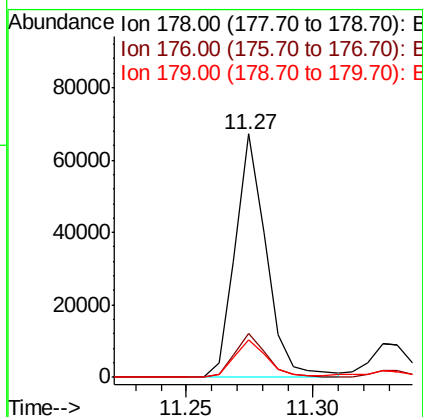
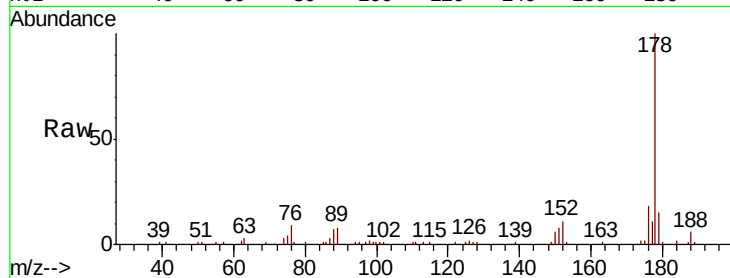




#72
 Anthracene
 Concen: 6.645 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.05 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

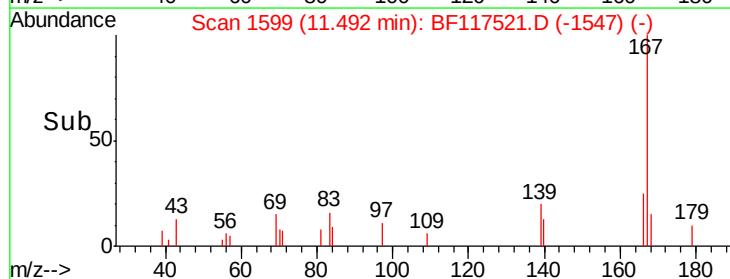
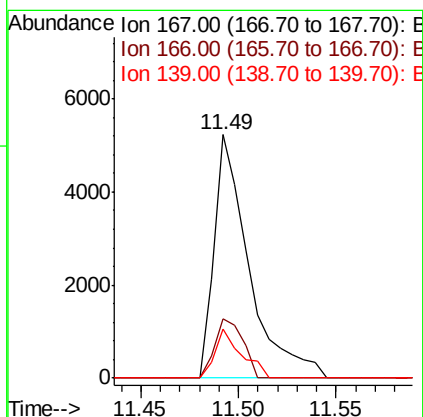
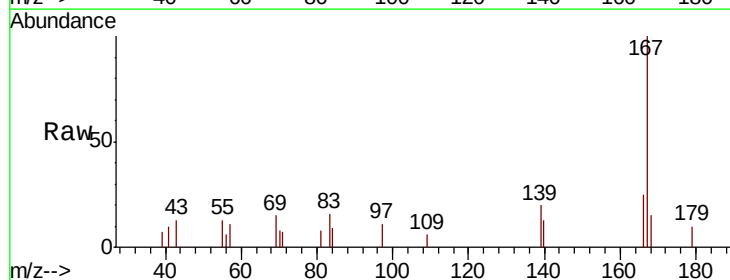
Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

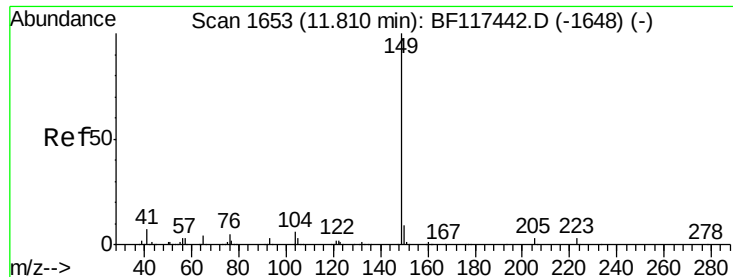
Tot Ion:178 Resp: 57480
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.7 22.1
 179 15.2 12.2 18.2



#73
 Carbazole
 Concen: 0.818 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Tgt Ion:167 Resp: 6466
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.0 25.6
 139 20.0 10.6 16.0#

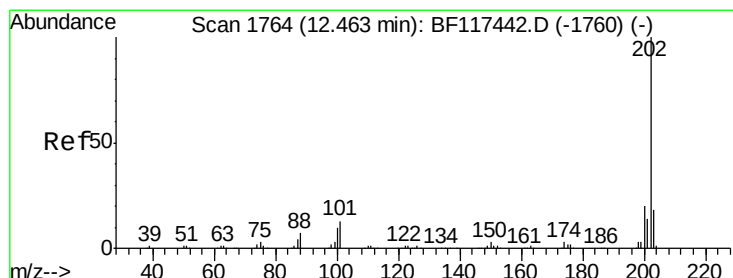
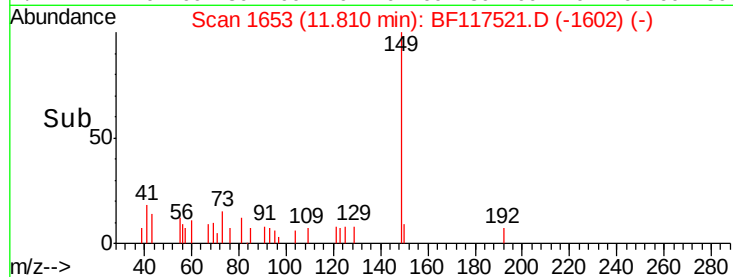
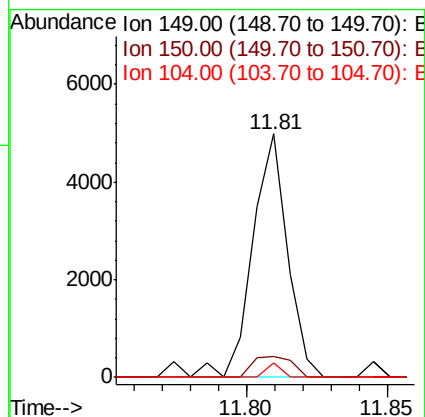
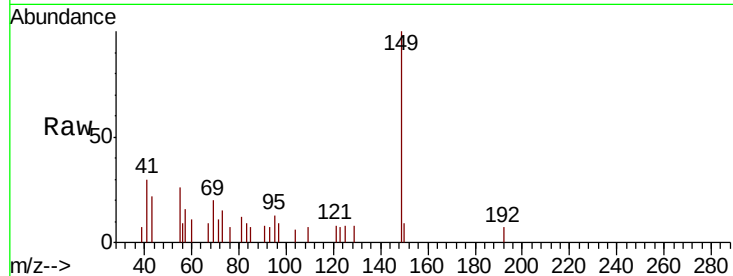




#74
Di-n-butylphthalate
Concen: 0.403 ng
RT: 11.81 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

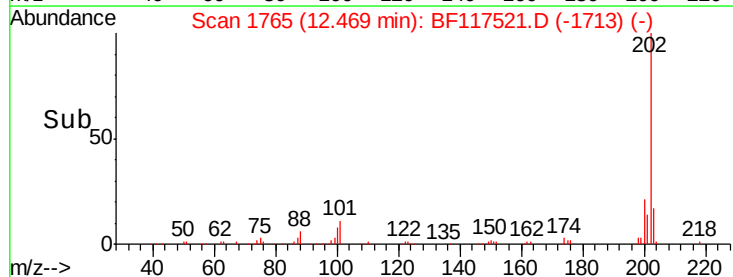
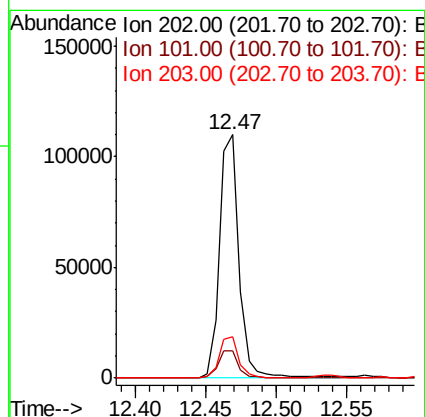
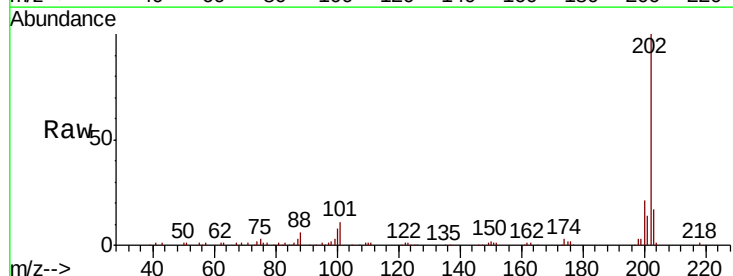
Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

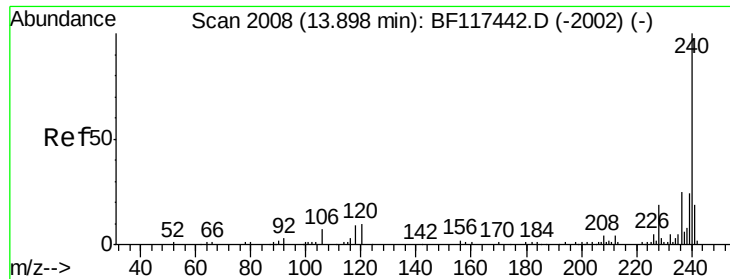
Tot Ion:149 Resp: 4260
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.1 4.6 6.8



#75
Fluoranthene
Concen: 12.536 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:202 Resp: 105806
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.7
203 17.2 0.0 37.6

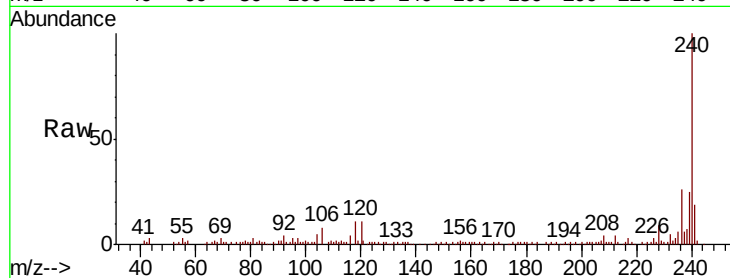




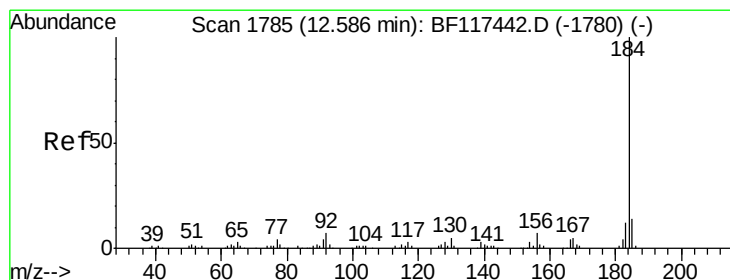
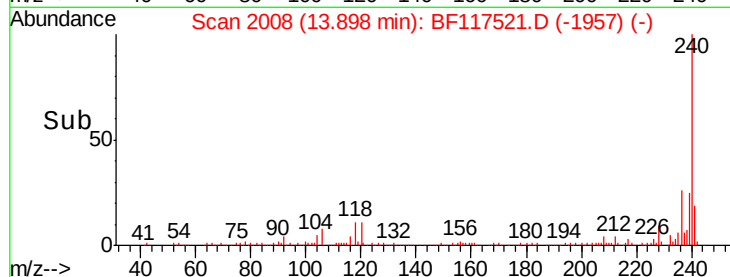
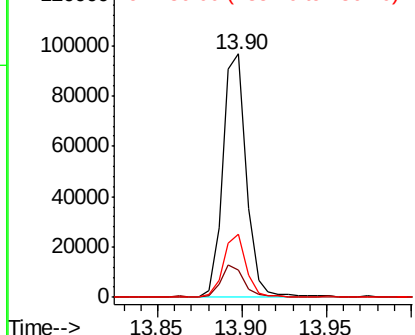
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion:240 Resp: 94408
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 25.7 20.0 30.0

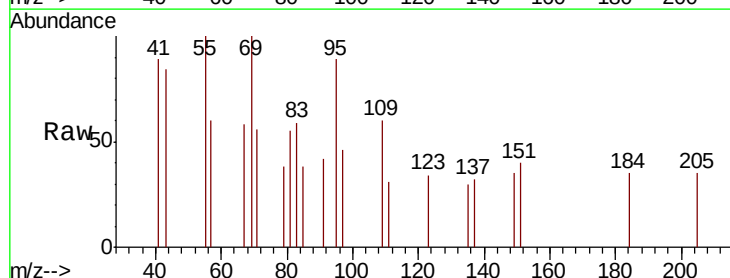


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

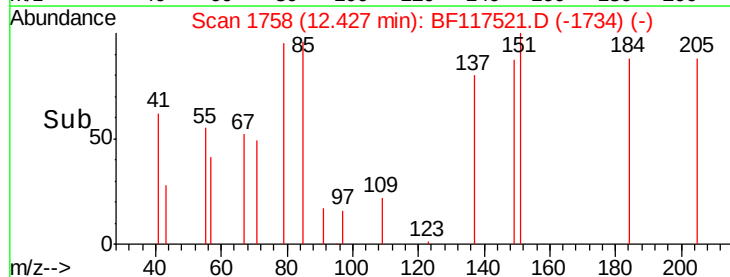
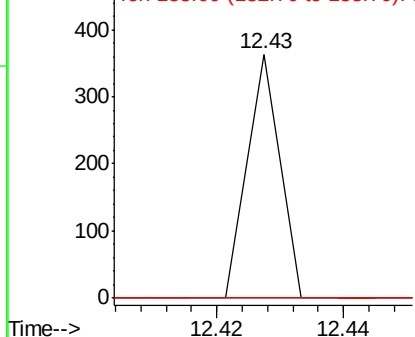


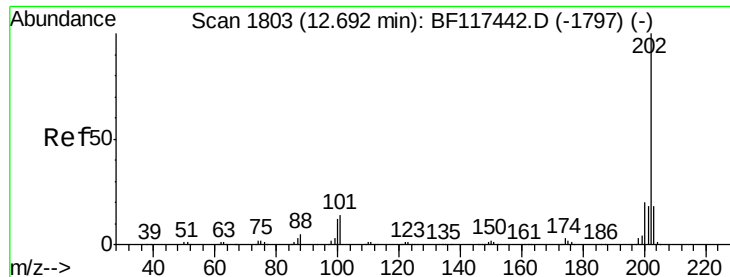
#77
Benzidine
Concen: Below Cal
RT: 12.43 min Scan# 1758
Delta R.T. -0.16 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.0#
183 0.0 9.6 14.4#



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





#78

Pvrene

Concen: 10.786 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

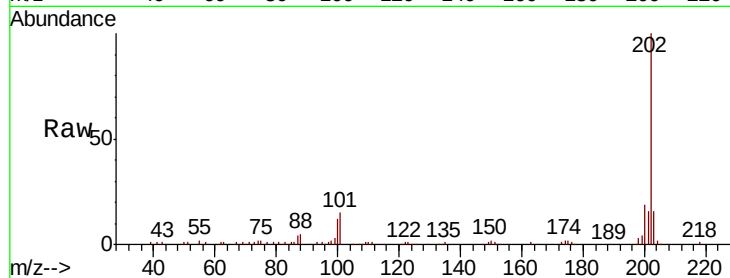
Tot Ion:202 Resp: 87465

Ion Ratio Lower Upper

202 100

200 19.4 16.2 24.2

203 16.2 14.0 21.0

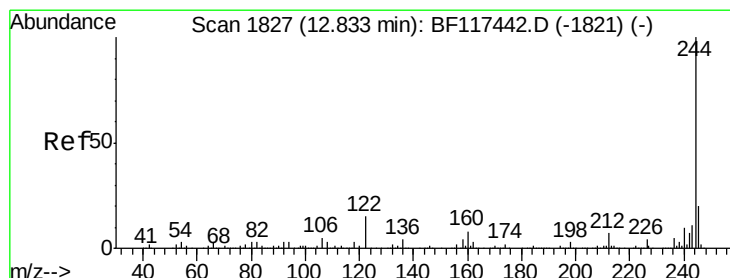
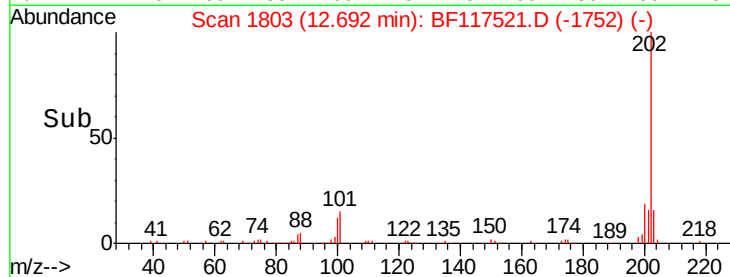
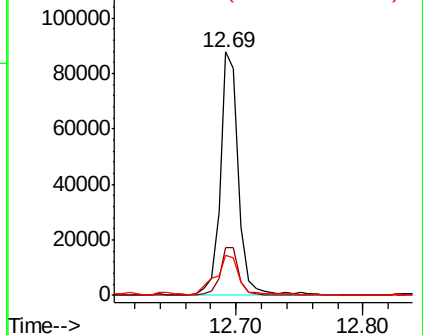


Abundance

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: 16.604 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

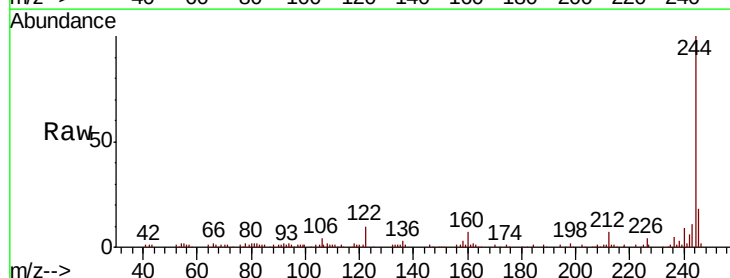
Tgt Ion:244 Resp: 96101

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 10.0 11.8 17.8#

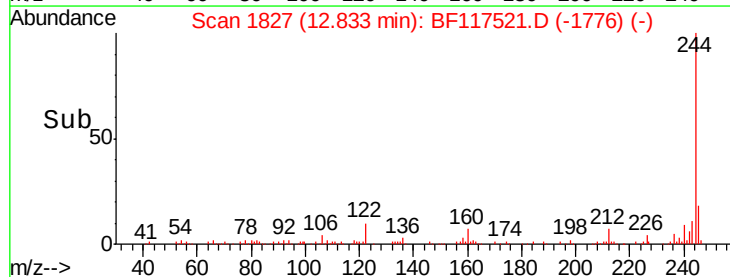
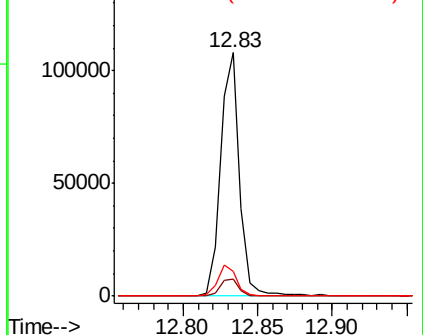


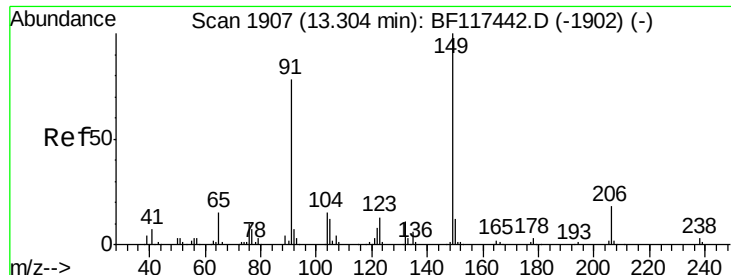
Abundance

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

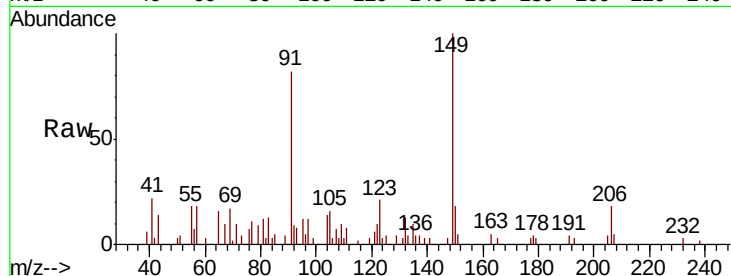




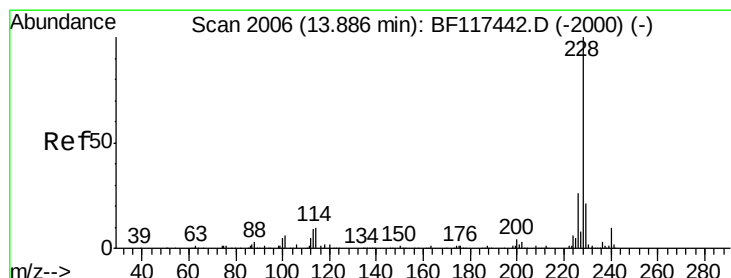
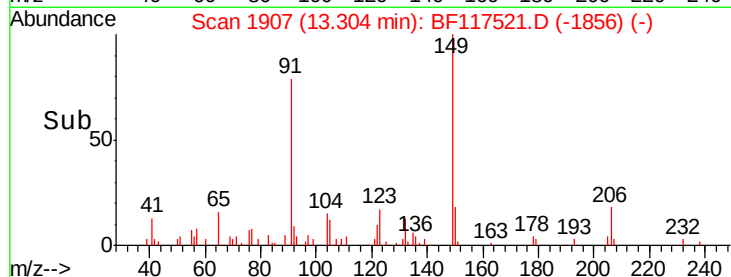
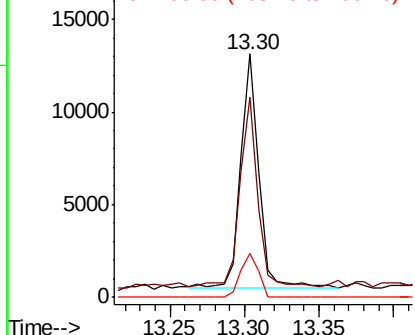
#80
Butylbenzylphthalate
Concen: 2.671 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

Tot Ion:149 Resp: 10777
Ion Ratio Lower Upper
149 100
91 82.2 62.1 93.1
206 17.9 14.3 21.5

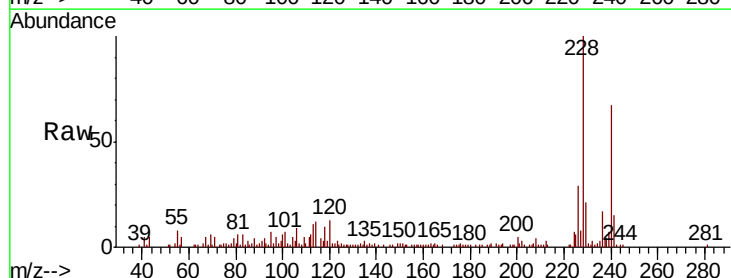


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

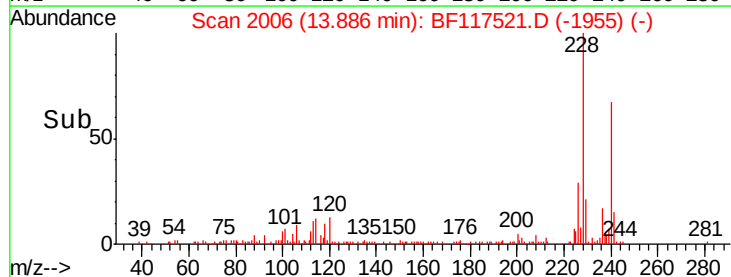
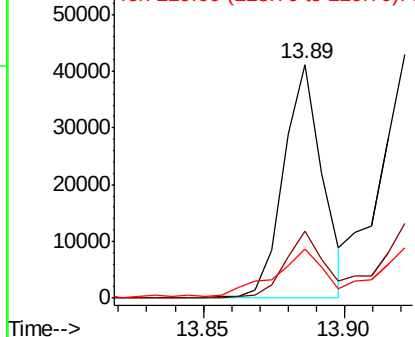


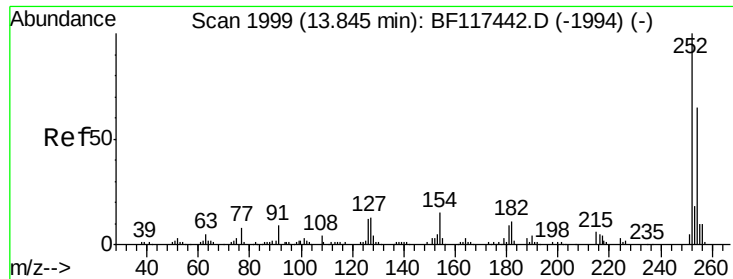
#81
Benzo(a)anthracene
Concen: 6.183 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion:228 Resp: 39376
Ion Ratio Lower Upper
228 100
226 28.6 21.0 31.4
229 21.1 16.4 24.6



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

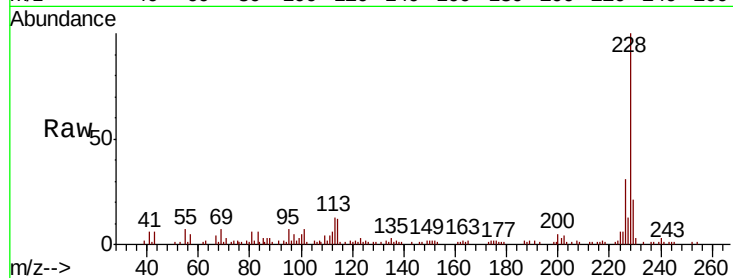




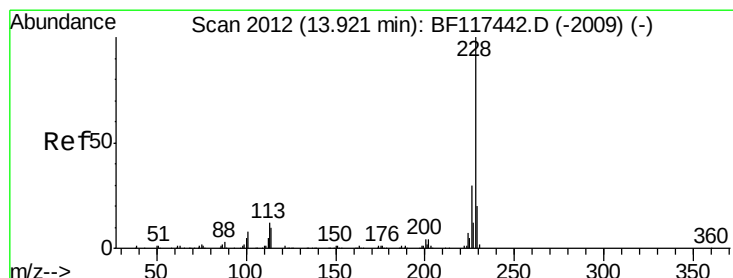
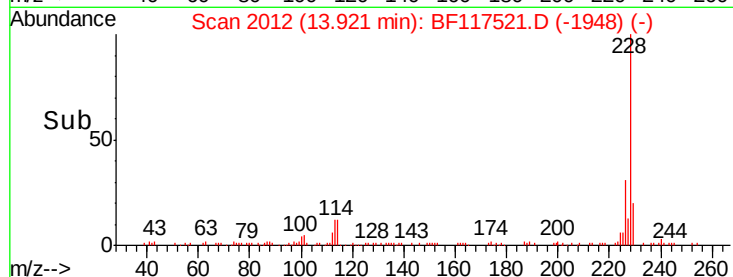
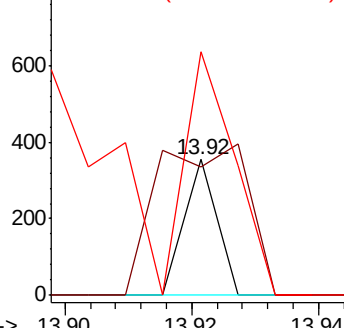
#82
 3,3'-Dichlorobenzidine
 Concen: 0.063 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.08 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

Tot Ion:252 Resp: 125
 Ion Ratio Lower Upper
 252 100
 254 94.6 52.2 78.4#
 126 179.2 9.2 13.8#

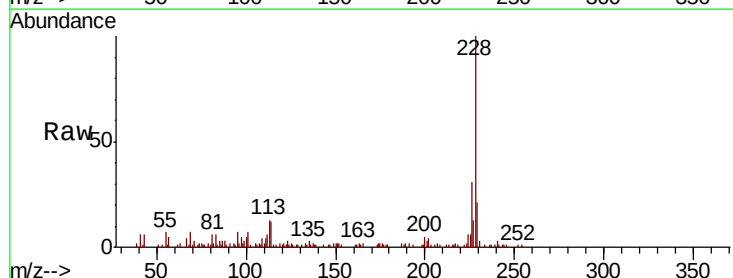


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

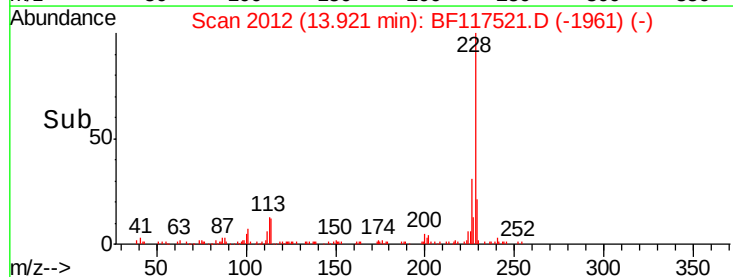
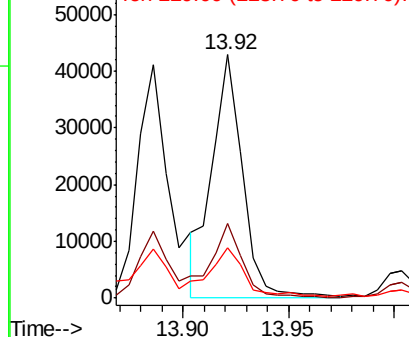


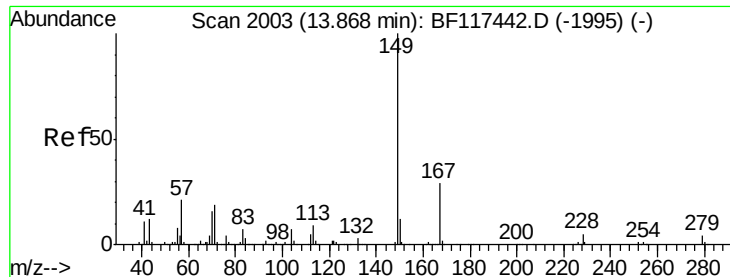
#83
 Chrysene
 Concen: 6.988 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Tgt Ion:228 Resp: 43616
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.9 35.9
 229 20.7 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: 10.497 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

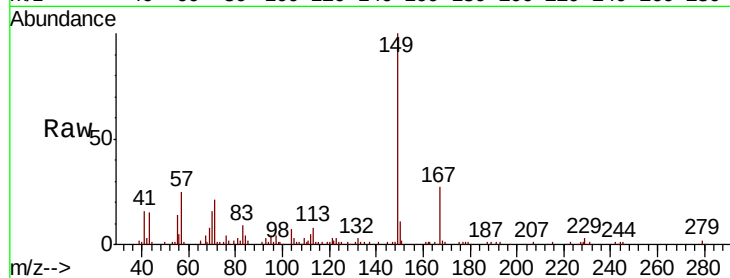
Tot Ion:149 Resp: 59336

Ion Ratio Lower Upper

149 100

167 26.5 23.3 34.9

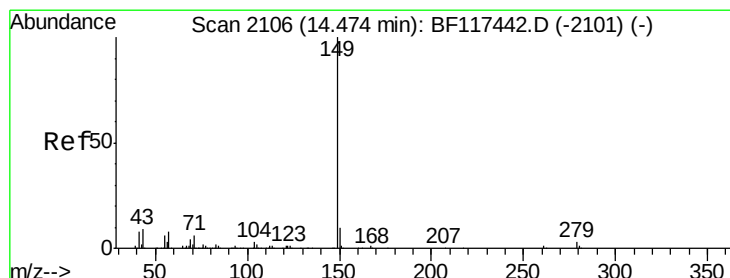
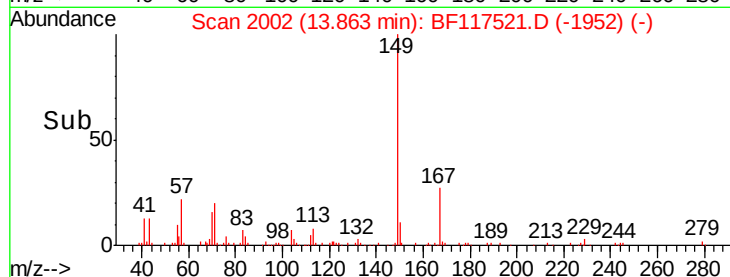
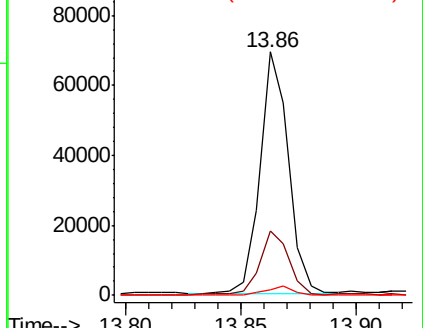
279 2.4 3.2 4.8#



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: 0.425 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

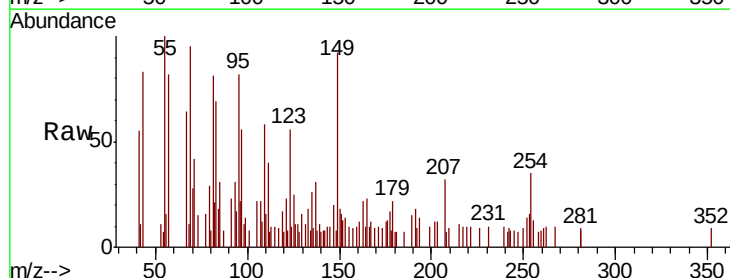
Tgt Ion:149 Resp: 3690

Ion Ratio Lower Upper

149 100

167 20.7 1.2 1.8#

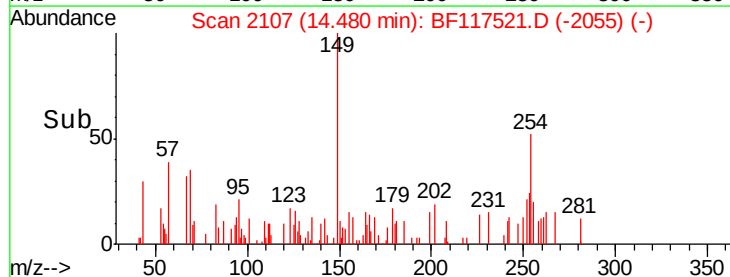
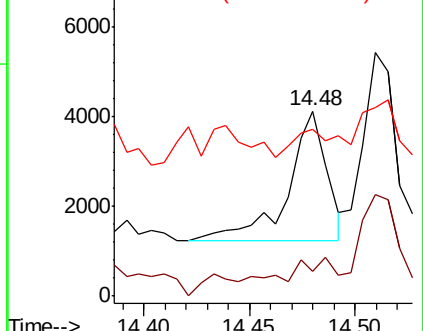
43 21.4 6.8 10.2#

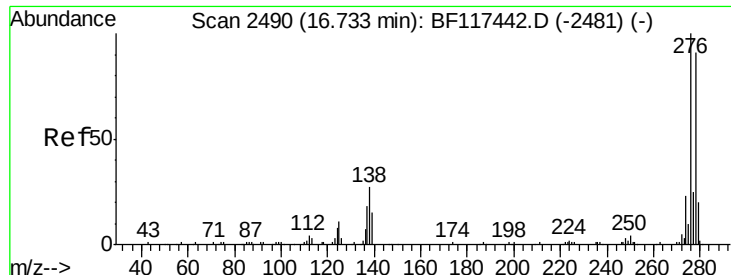


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

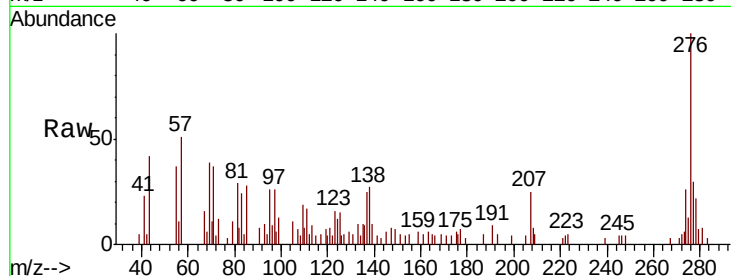




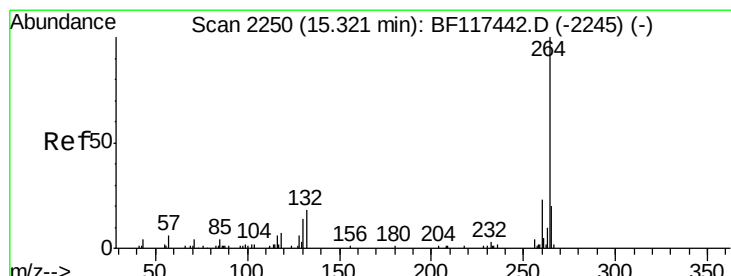
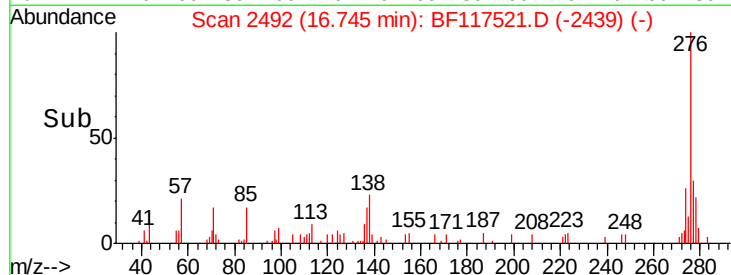
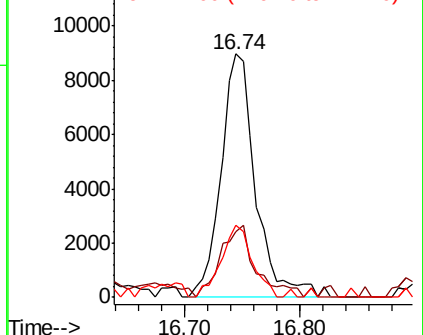
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.999 ng
 RT: 16.74 min Scan# 2492
 Delta R.T. 0.01 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Instrument :
 BNA_F
 ClientSampleId :
 195-42-(0-1)

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	30.0	21.8	32.8	
277	26.6	20.0	30.0	

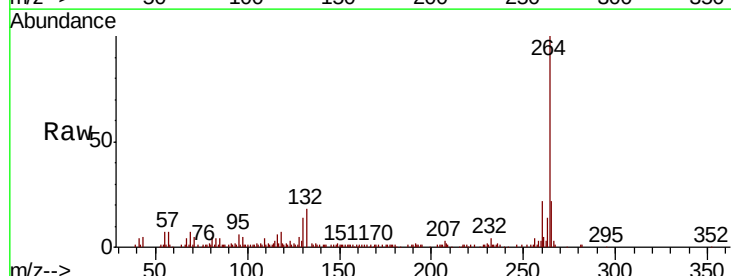


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

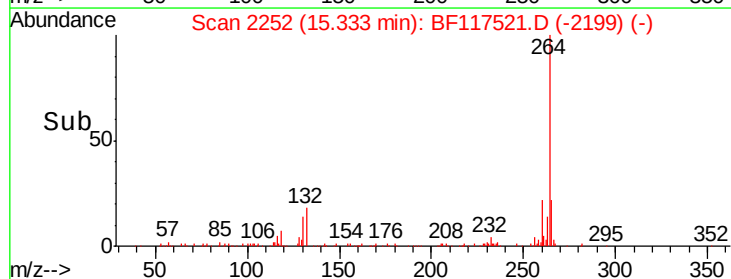
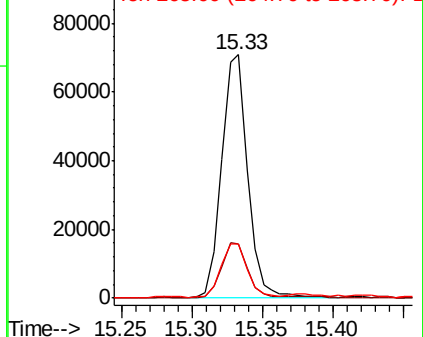


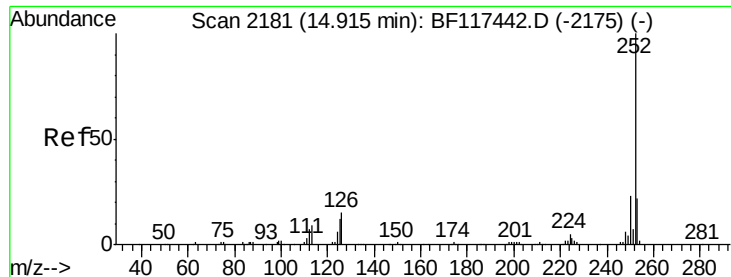
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117521.D
 Acq: 24 Oct 2019 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.2	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

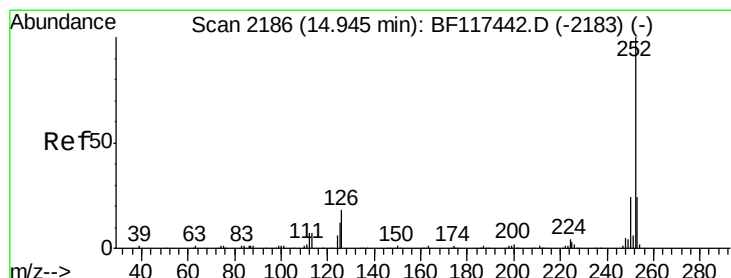
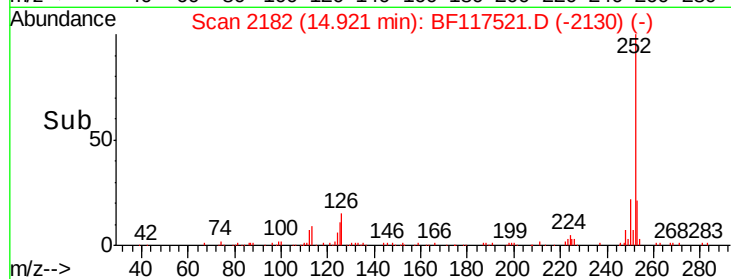
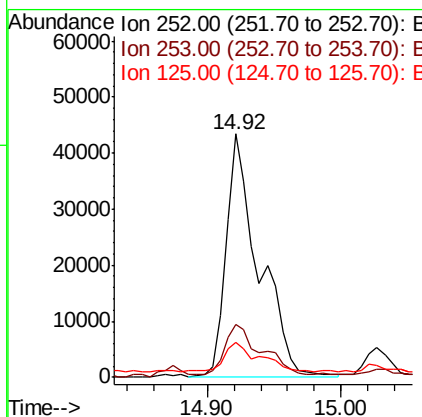
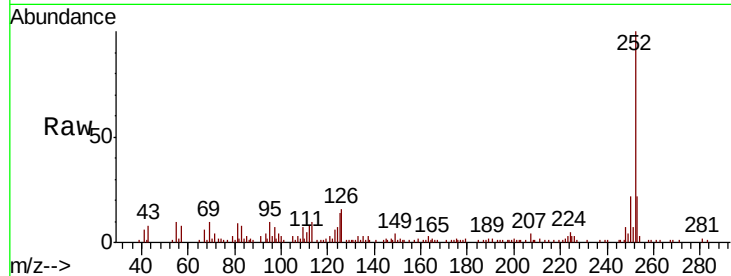




#88
Benzo(b)fluoranthene
Concen: 13.878 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

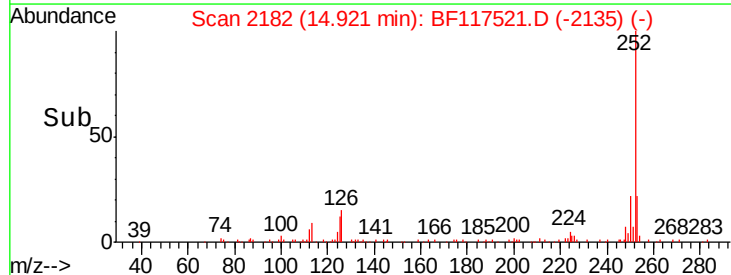
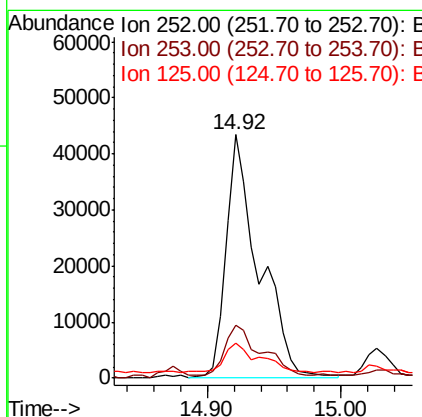
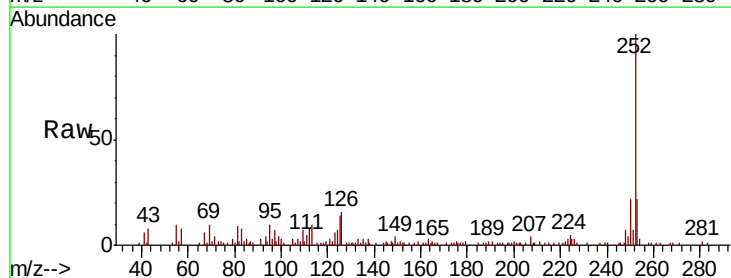
Instrument :
BNA_F
ClientSampleId :
195-42-(0-1)

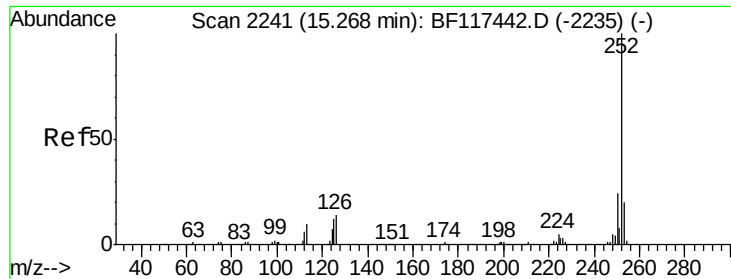
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	14.5	9.9	14.9



#89
Benzo(k)fluoranthene
Concen: 13.540 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF117521.D
Acq: 24 Oct 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	14.5	8.9	13.3





#90

Benzo(a)pyrene

Concen: 6.926 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

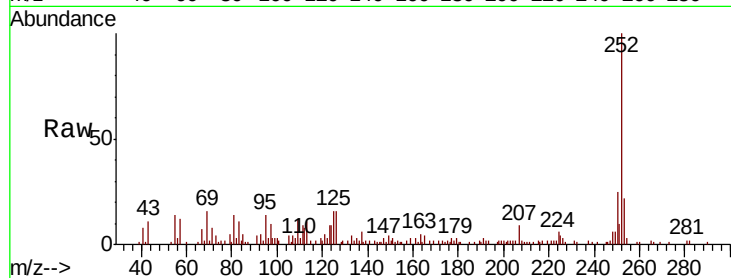
Tot Ion:252 Resp: 34014

Ion Ratio Lower Upper

252 100

253 22.0 16.3 24.5

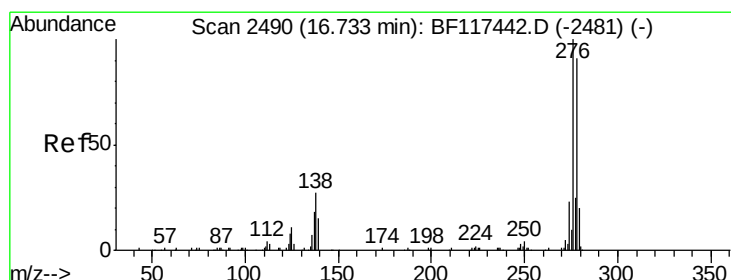
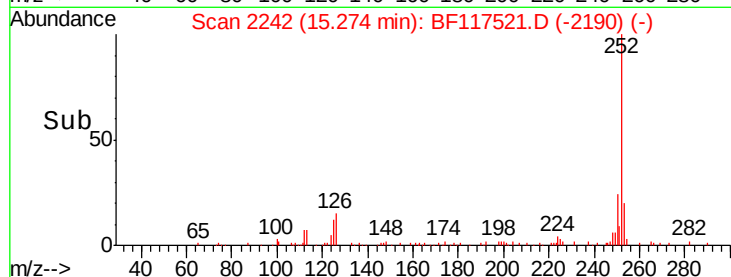
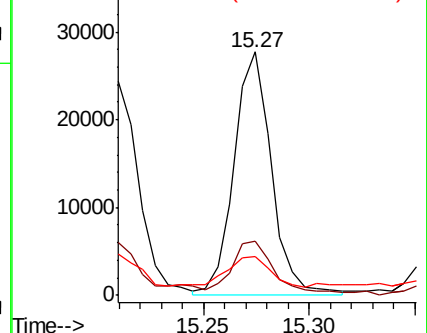
125 16.1 9.2 13.8#



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: 1.373 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

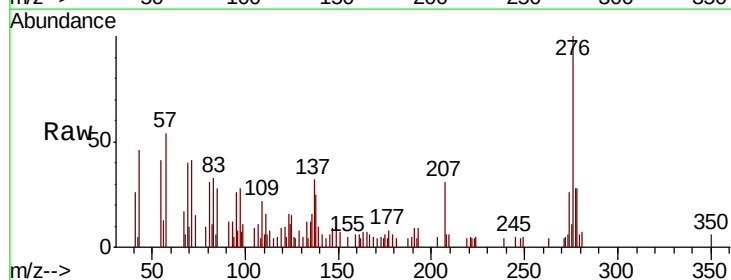
Tgt Ion:278 Resp: 5830

Ion Ratio Lower Upper

278 100

139 36.1 13.4 20.0#

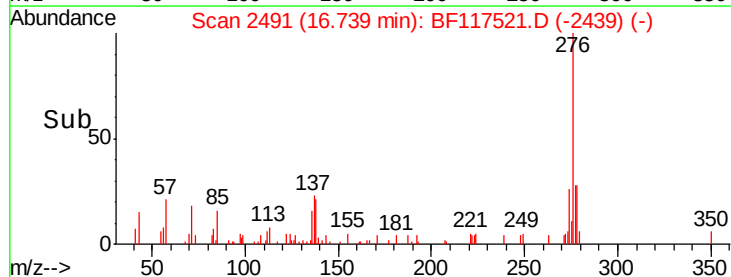
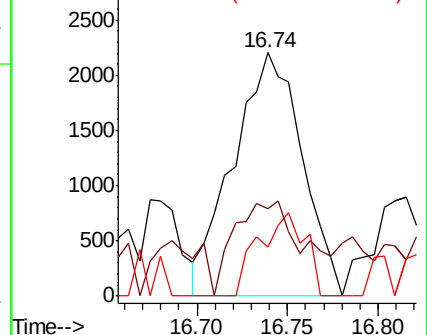
279 20.3 17.8 26.6

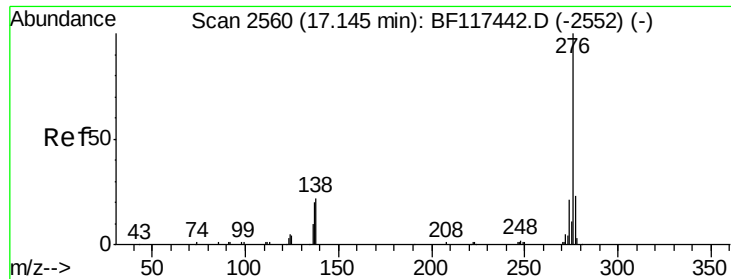


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.184 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF117521.D

Acq: 24 Oct 2019 20:13

Instrument :

BNA_F

ClientSampleId :

195-42-(0-1)

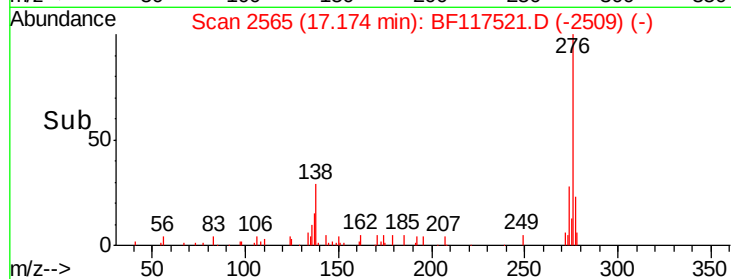
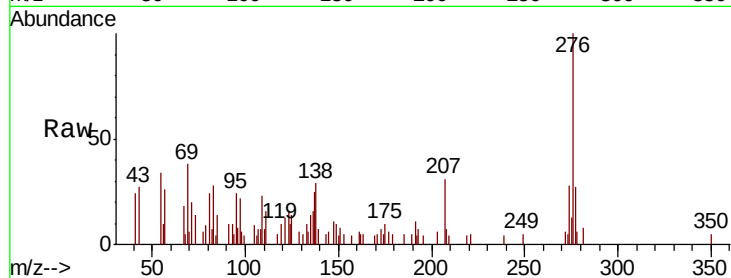
Tot Ion:276 Resp: 16812

Ion Ratio Lower Upper

276 100

277 27.5 18.4 27.6

138 28.7 17.8 26.6#



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

