

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
 Data File : BF117525.D
 Acq On : 24 Oct 2019 21:59
 Operator : JU
 Sample : K5498-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 190-78-(0-1)

Quant Time: Oct 25 01:07:49 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	62443	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	258764	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	126996	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	176414	20.00	ng	0.00
76) Chrysene-d12	13.90	240	114931	20.00	ng	0.00
87) Perylene-d12	15.33	264	88265	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	114918	27.38	ng	0.00
7) Phenol-d6	6.39	99	159791	28.34	ng	0.00
23) Nitrobenzene-d5	7.30	82	92455	17.64	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	26000	23.66	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	139068	15.43	ng	0.00
79) Terphenyl-d14	12.83	244	83318	11.82	ng	0.00

Target Compounds				Qvalue		
6) Aniline	6.51	93	127	0.019	ng	# 1
9) Benzaldehyde	6.51	77	2833	Below Cal		# 86
10) Phenol	6.40	94	3632	0.631	ng	# 82
11) bis(2-Chloroethyl)ether	6.51	93	127	0.030	ng	# 1
15) Benzyl Alcohol	6.89	79	1434	0.356	ng	# 53
19) n-Nitroso-di-n-propylamine	7.30	70	11766	3.417	ng	# 81
25) Isophorone	7.30	82	92454	10.196	ng	# 65
48) 2-Nitroaniline	9.09	65	129	0.050	ng	# 1
49) Acenaphthylene	9.80	152	154	0.013	ng	# 1
50) Dimethylphthalate	9.49	163	18868	2.084	ng	# 96
51) 2,6-Dinitrotoluene	9.77	165	15772	8.348	ng	# 22
52) Acenaphthene	9.80	154	346	0.048	ng	# 77
57) 2,4-Dinitrotoluene	9.77	165	15772	6.279	ng	# 12
58) Fluorene	10.32	166	325	0.038	ng	# 85
66) n-Nitrosodiphenylamine	10.56	169	723	0.112	ng	# 40
67) 4-Bromophenyl-phenylether	10.56	248	1573	0.828	ng	# 1
71) Phenanthrene	11.27	178	8156	0.796	ng	# 96
72) Anthracene	11.27	178	8156	0.776	ng	# 97
73) Carbazole	11.50	167	351	0.037	ng	# 59
74) Di-n-butylphthalate	11.81	149	785	0.061	ng	# 78
75) Fluoranthene	12.47	202	12868	1.255	ng	# 96
77) Benzidine	12.83	184	1363	Below Cal		# 75
78) Pyrene	12.70	202	11603	1.175	ng	# 94
80) Butylbenzylphthalate	13.30	149	812	0.165	ng	# 47
81) Benzo(a)anthracene	13.89	228	5898	0.761	ng	# 87
83) Chrysene	13.92	228	5034	0.663	ng	# 83
84) Bis(2-ethylhexyl)phthalate	13.87	149	797	0.116	ng	# 51
85) Di-n-octyl phthalate	14.46	149	96	0.009	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.76	276	2762	0.487	ng	# 77
88) Benzo(b)fluoranthene	14.93	252	7733	1.484	ng	# 53
89) Benzo(k)fluoranthene	14.93	252	7733	1.448	ng	# 53
90) Benzo(a)pyrene	15.27	252	4225	0.892	ng	# 44
91) Dibenzo(a,h)anthracene	16.74	278	281	0.069	ng	# 1
92) Benzo(g,h,i)perylene	17.19	276	3316	0.855	ng	# 69

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Instrument :
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ClientSampleId :
190-78-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

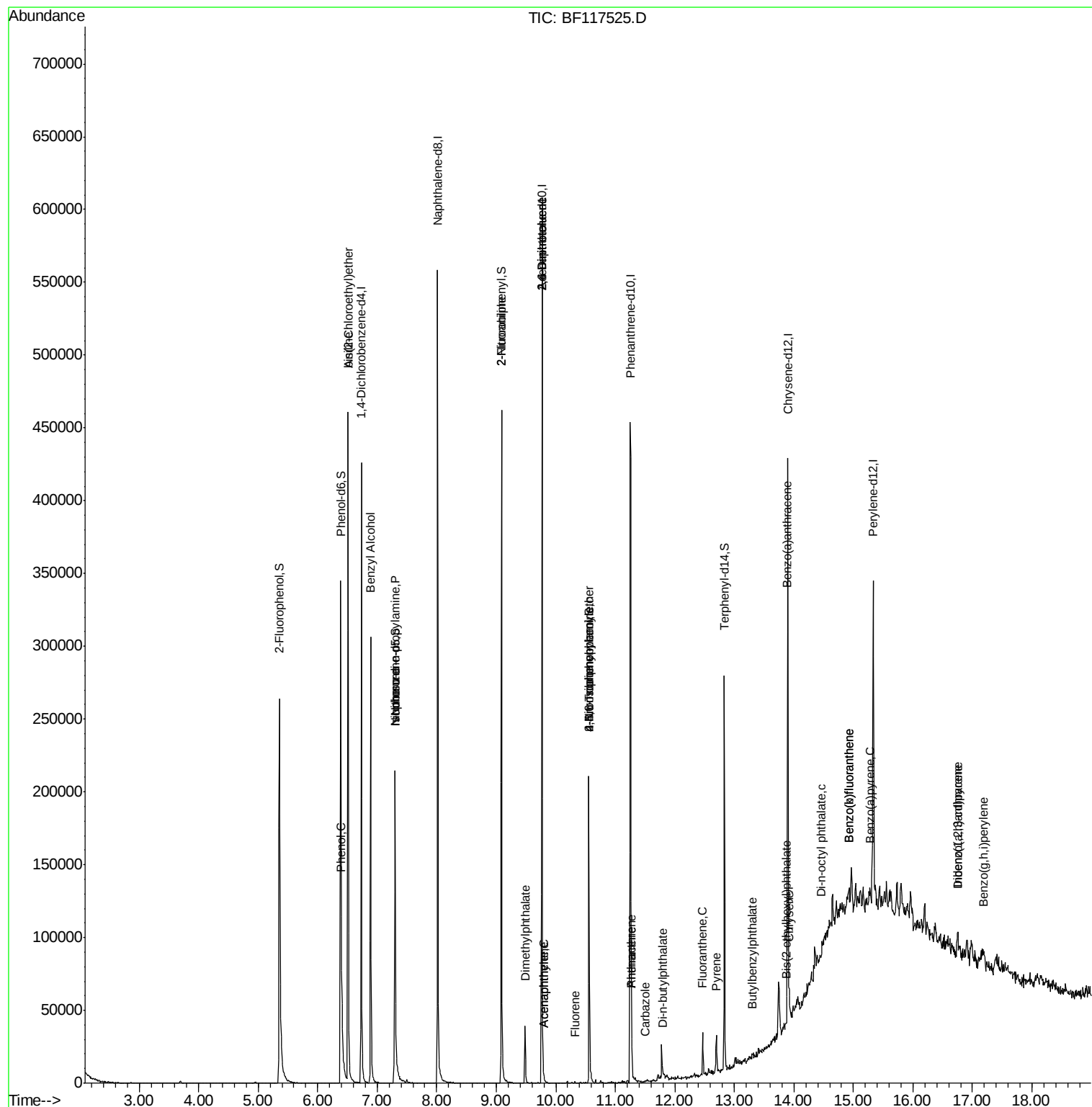
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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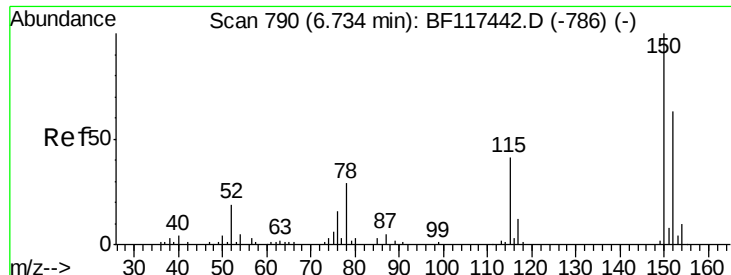
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampled :
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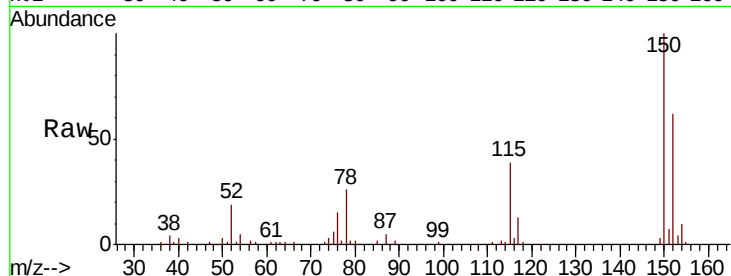


#1

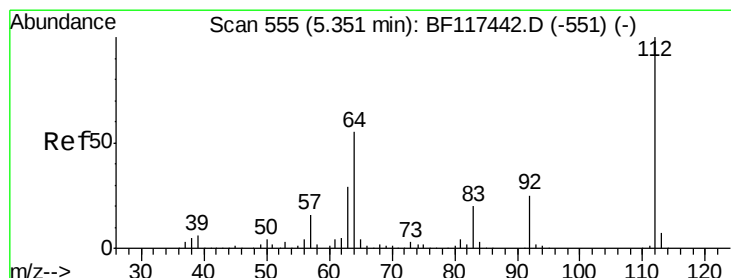
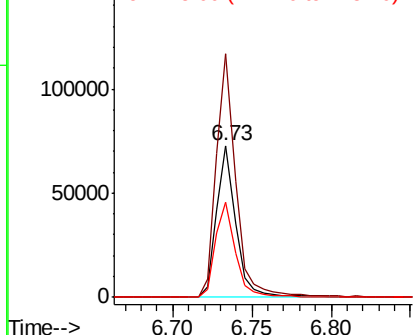
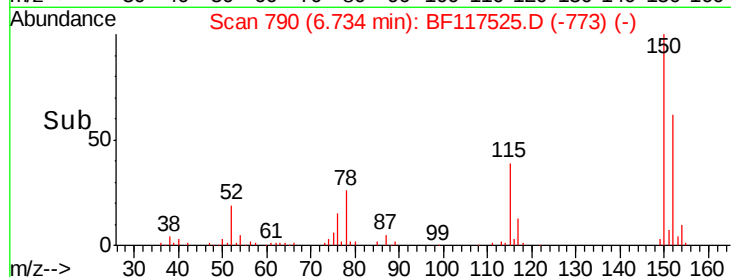
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

Tot Ion:152 Resp: 62443
Ion Ratio Lower Upper
152 100
150 160.6 126.8 190.2
115 62.8 51.6 77.4



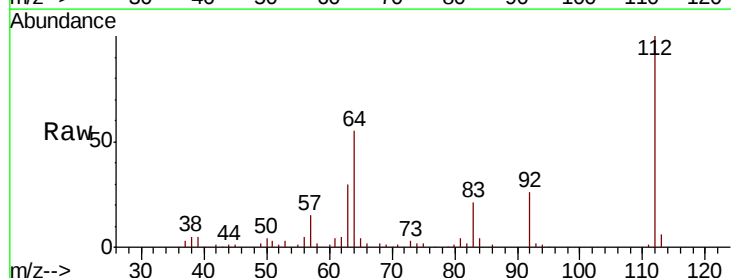
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



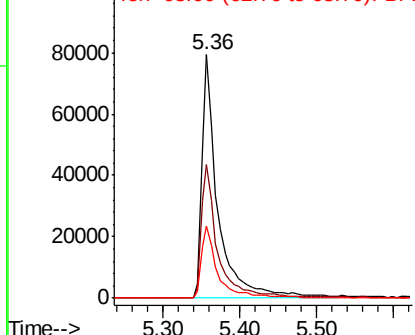
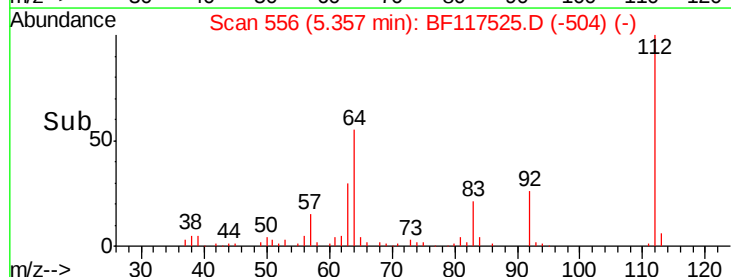
#5

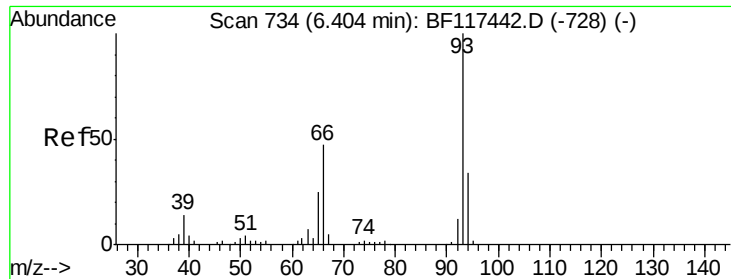
2-Fluorophenol
Concen: 27.379 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:112 Resp: 114918
Ion Ratio Lower Upper
112 100
64 54.9 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: 0.019 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.11 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

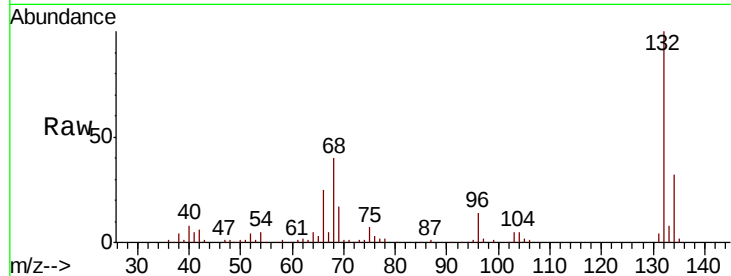
Tot Ion: 93 Resp: 127

Ion Ratio Lower Upper

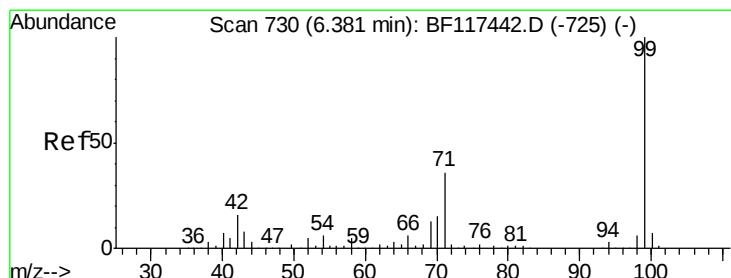
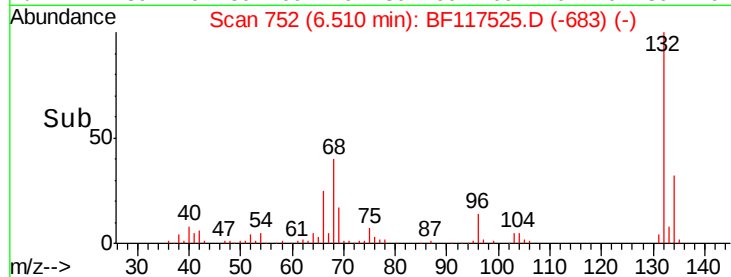
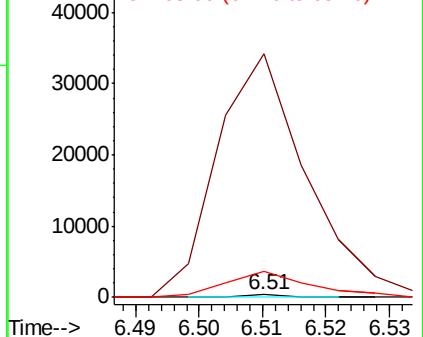
93 100

66 9469.3 38.7 58.1#

65 988.6 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: 28.345 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

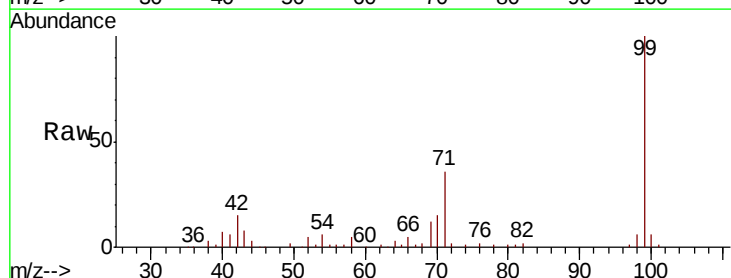
Tgt Ion: 99 Resp: 159791

Ion Ratio Lower Upper

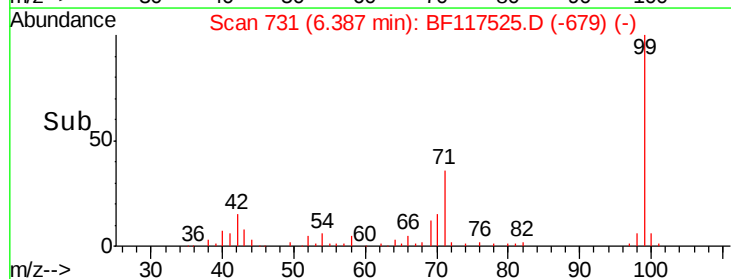
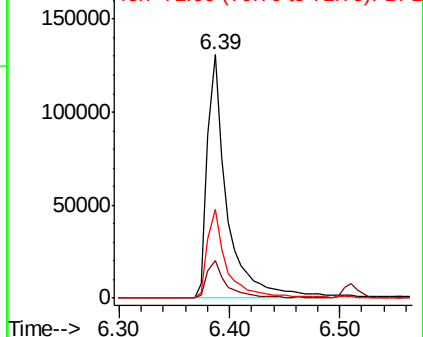
99 100

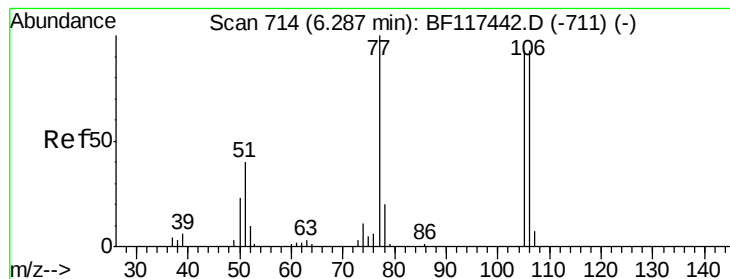
42 15.2 12.8 19.2

71 36.4 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: 6.51 min Scan# 752

Delta R.T. 0.22 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

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190-78-(0-1)

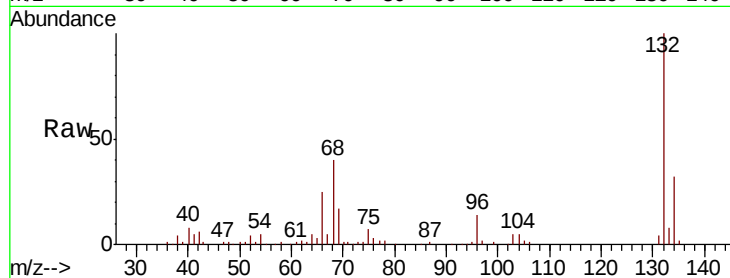
Tot Ion: 77 Resp: 2833

Ion Ratio Lower Upper

77 100

105 93.4 73.4 113.4

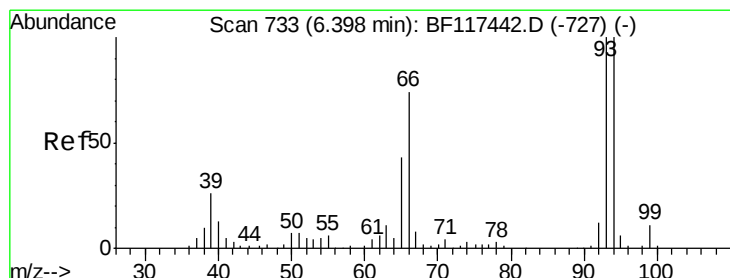
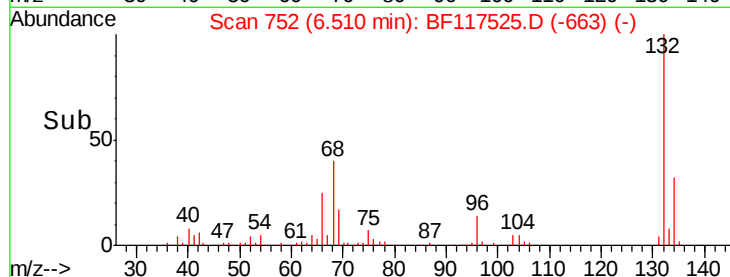
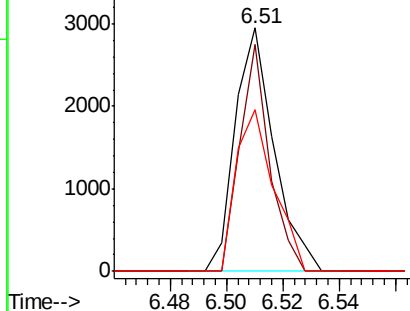
106 66.6 73.0 113.0#



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: 0.631 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

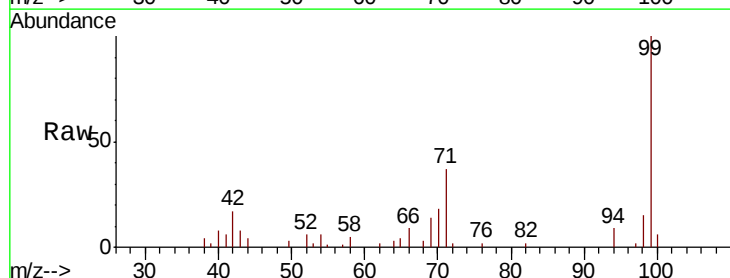
Tgt Ion: 94 Resp: 3632

Ion Ratio Lower Upper

94 100

65 41.8 23.4 63.4

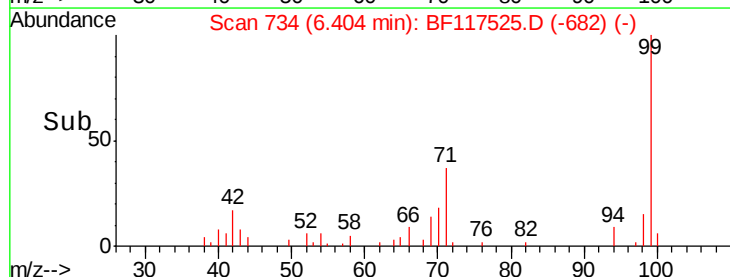
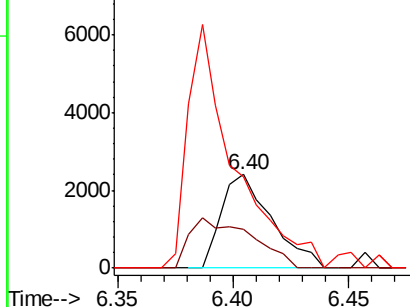
66 98.0 54.7 94.7#

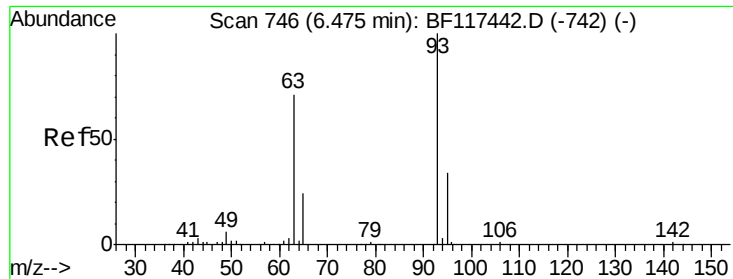


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

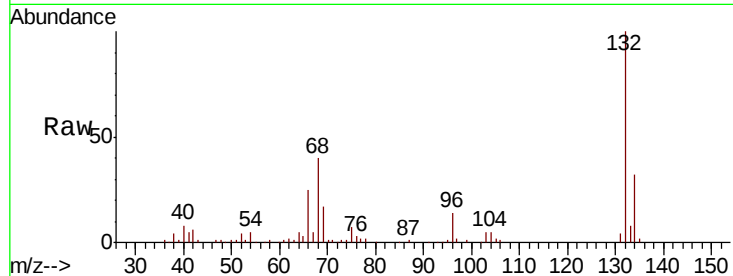




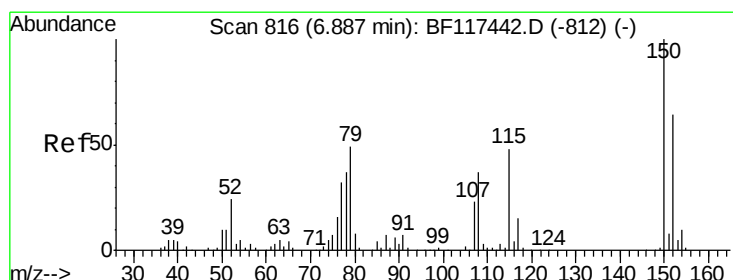
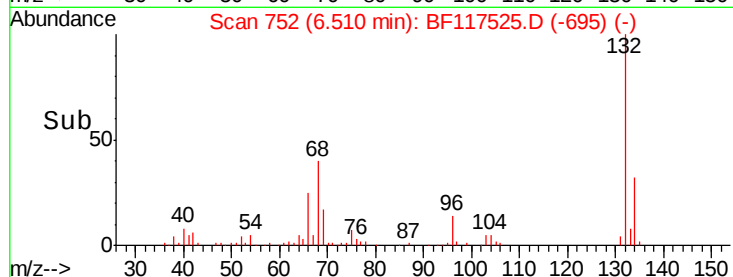
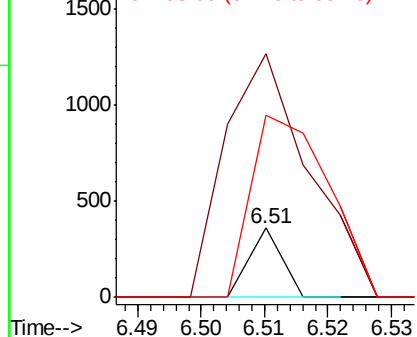
#11
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

Tot Ion: 93 Resp: 127
Ion Ratio Lower Upper
93 100
63 351.2 50.2 90.2#
95 263.4 13.9 53.9#

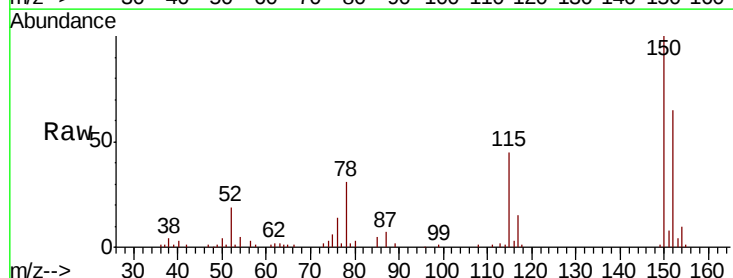


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

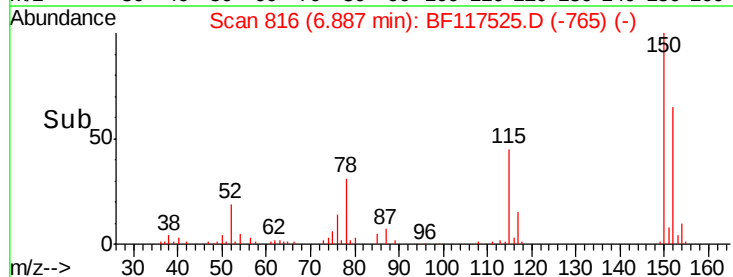
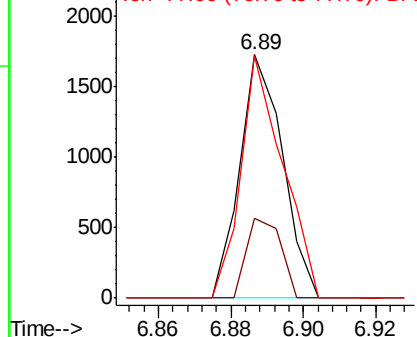


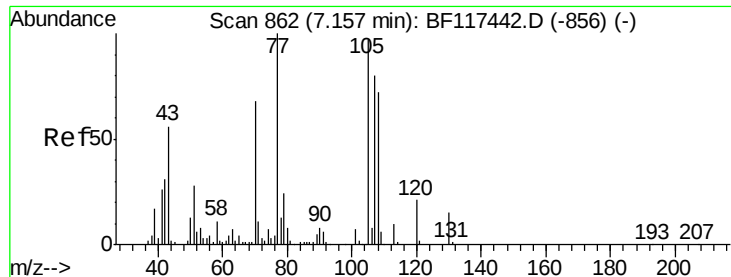
#15
Benzyl Alcohol
Concen: 0.356 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion: 79 Resp: 1434
Ion Ratio Lower Upper
79 100
108 32.9 59.8 89.8#
77 99.4 51.4 77.0#



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

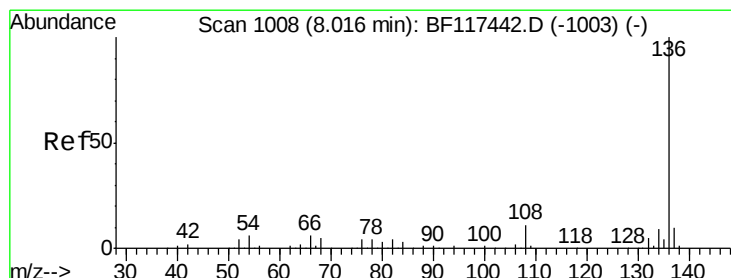
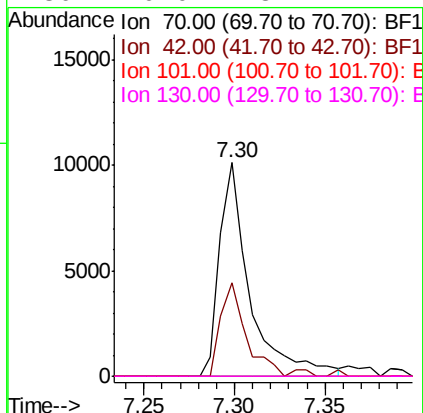
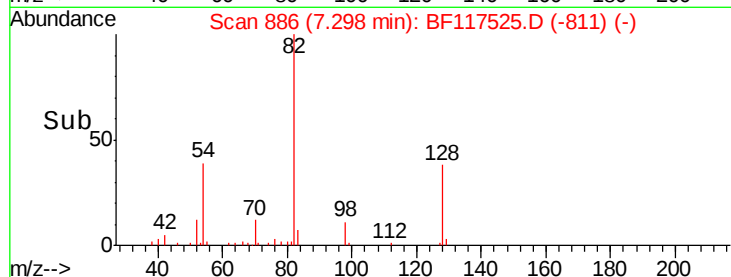
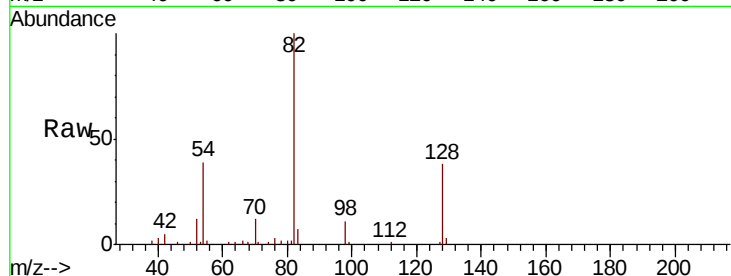




#19
n-Nitroso-di-n-propylamine
Concen: 3.417 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

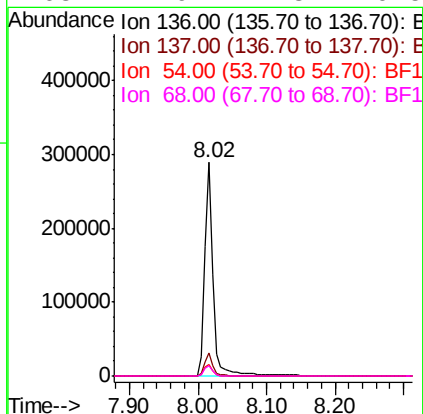
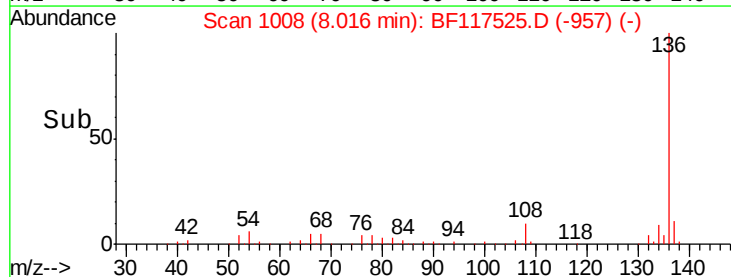
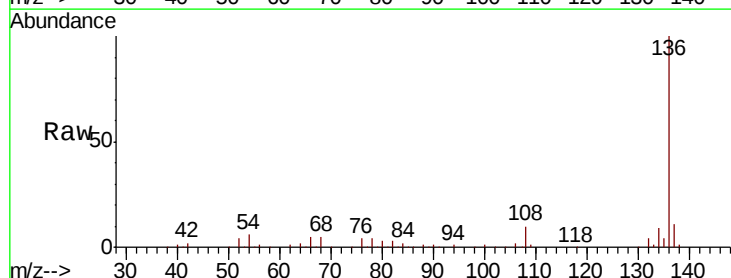
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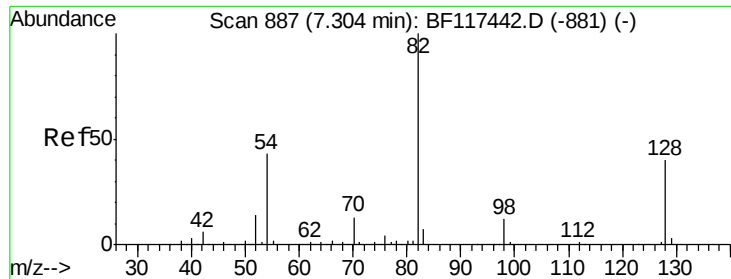
Tot Ion: 70 Resp: 11766
Ion Ratio Lower Upper
70 100
42 43.9 36.7 55.1
101 0.0 8.3 12.5#
130 0.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:136 Resp: 258764
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 5.6 4.5 6.7
68 4.9 4.3 6.5

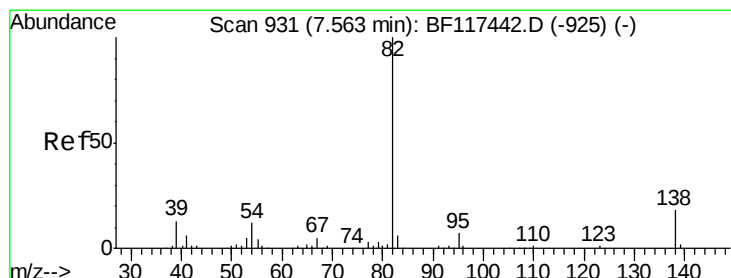
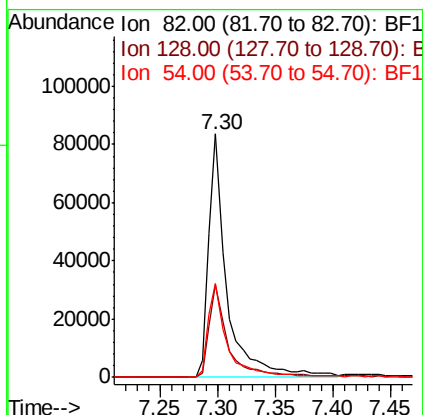
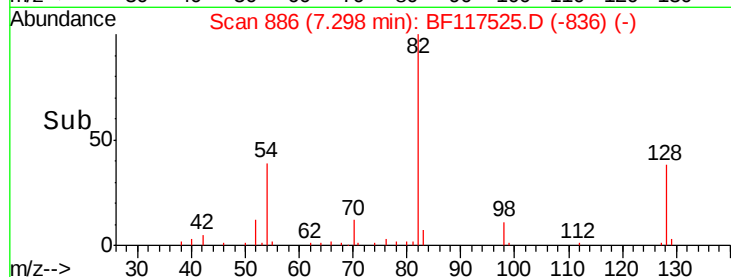
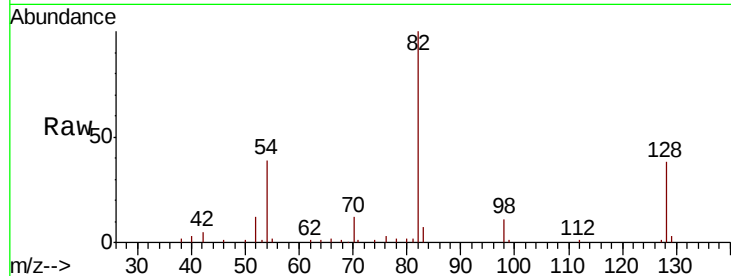




#23
Nitrobenzene-d5
Concen: 17.639 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

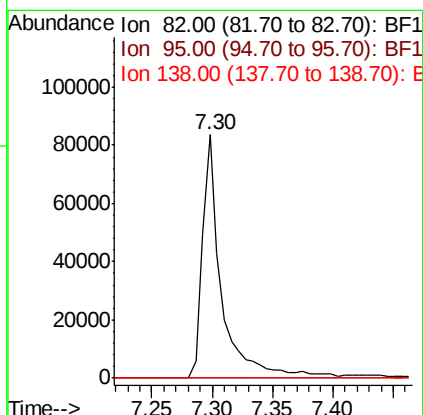
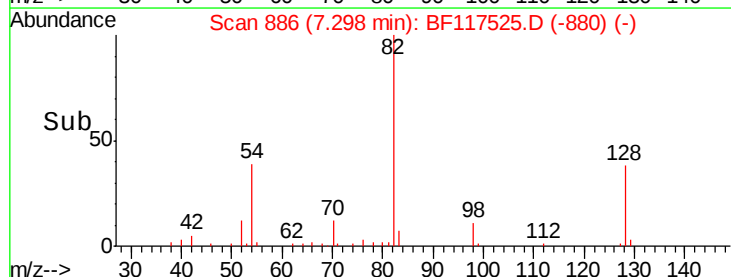
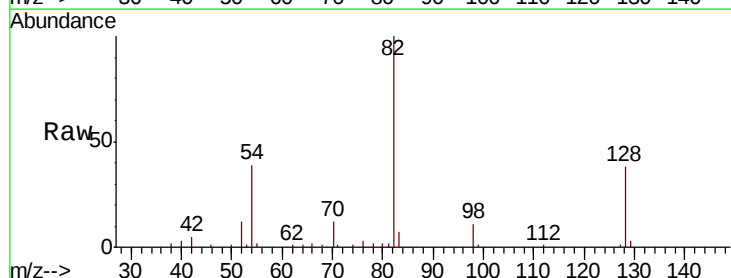
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

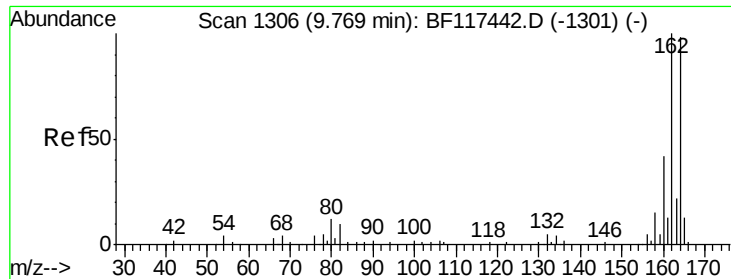
Tot Ion	82	Resp	92455
Ion Ratio	Lower	Upper	
82	100		
128	37.8	32.2	48.2
54	38.8	34.2	51.2



#25
Isophorone
Concen: 10.196 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion	82	Resp	92454
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

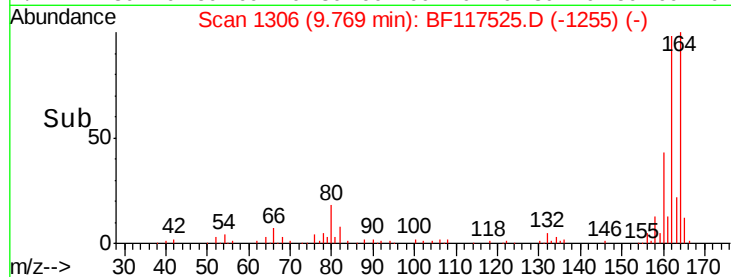
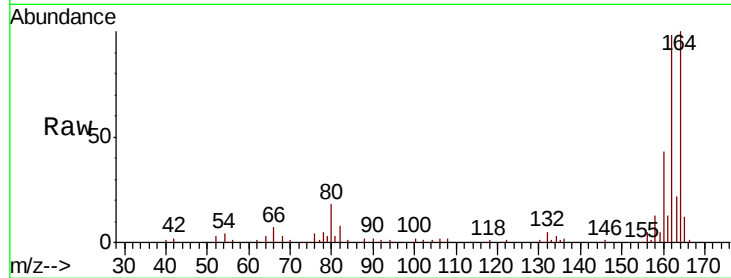
Tot Ion:164 Resp: 126996

Ion Ratio Lower Upper

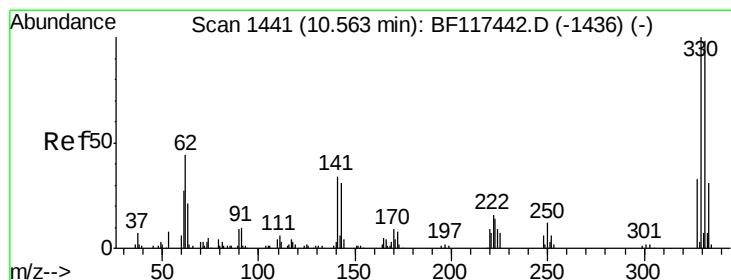
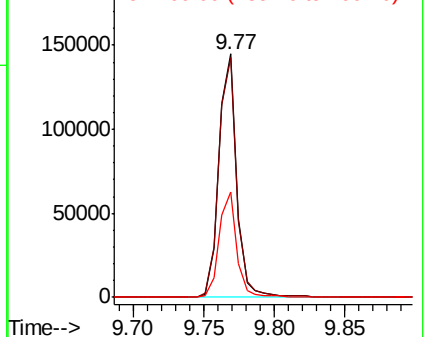
164 100

162 98.3 81.8 122.6

160 43.0 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: 23.661 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

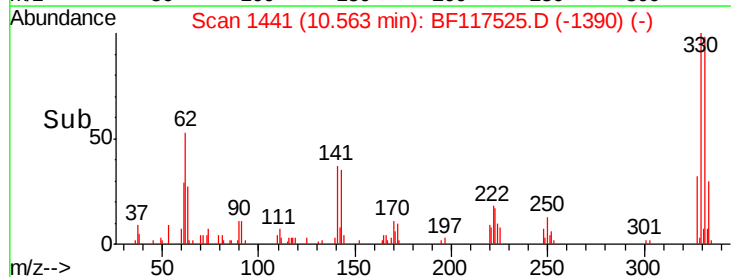
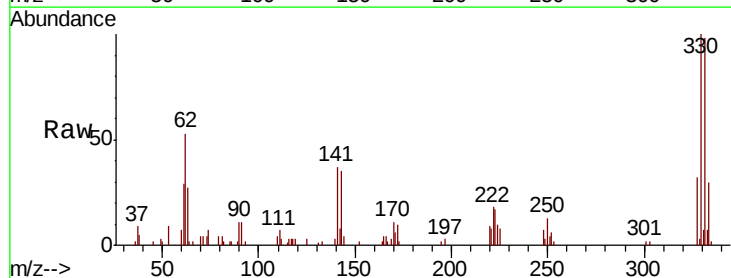
Tgt Ion:330 Resp: 26000

Ion Ratio Lower Upper

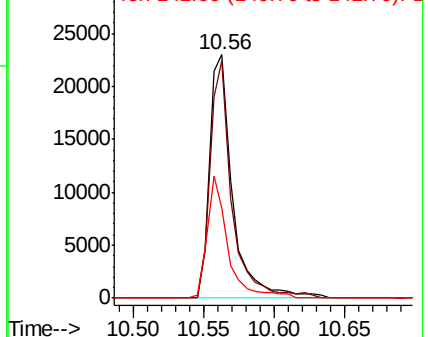
330 100

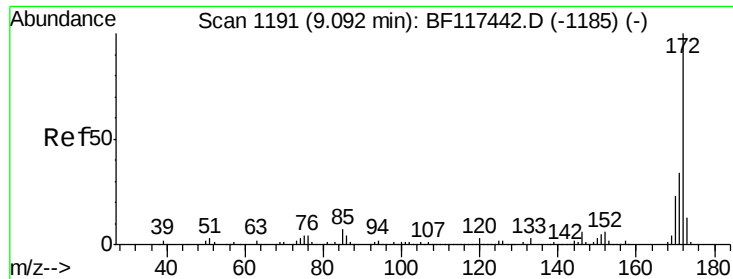
332 92.0 78.5 117.7

141 44.9 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

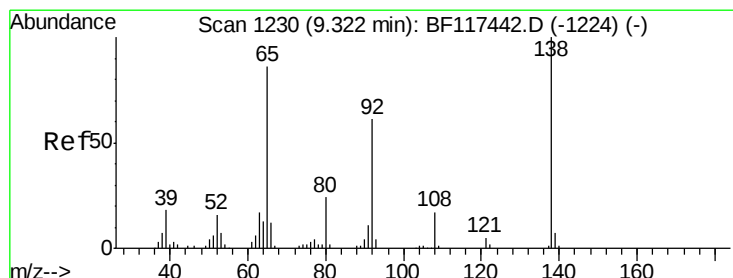
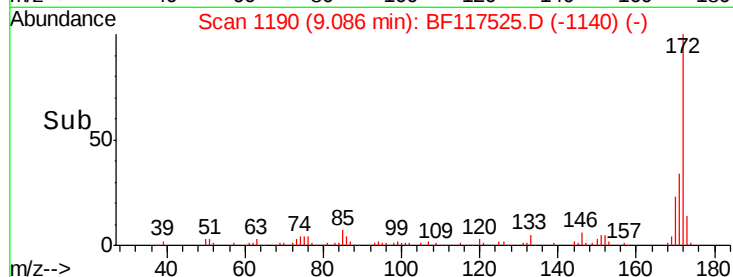
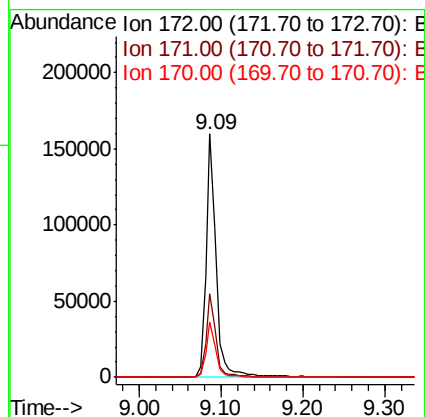
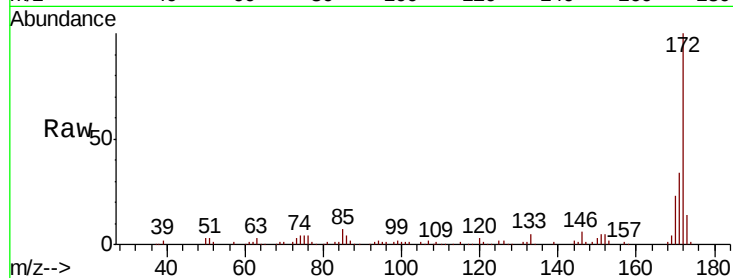




#45
2-Fluorobiphenyl
Concen: 15.429 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

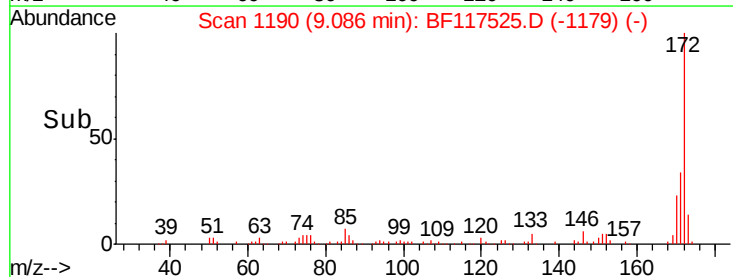
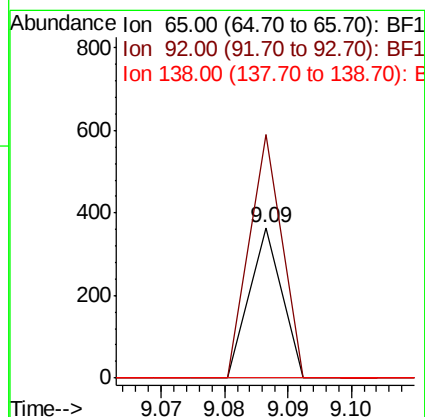
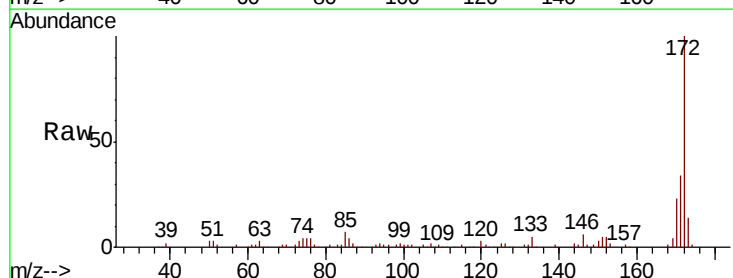
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

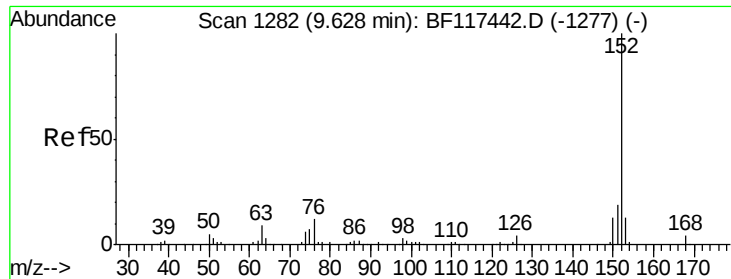
Tot Ion:172 Resp: 139068
Ion Ratio Lower Upper
172 100
171 34.1 27.5 41.3
170 22.7 18.6 27.8



#48
2-Nitroaniline
Concen: 0.050 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.24 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion: 65 Resp: 129
Ion Ratio Lower Upper
65 100
92 161.6 57.3 85.9#
138 0.0 93.3 139.9#





#49

Acenaphthylene

Concen: 0.013 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.17 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

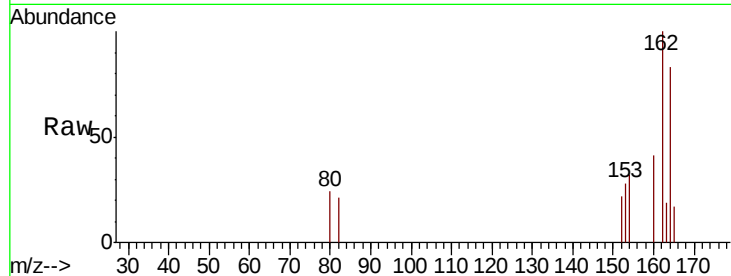
Tot Ion:152 Resp: 154

Ion Ratio Lower Upper

152 100

151 0.0 15.4 23.0#

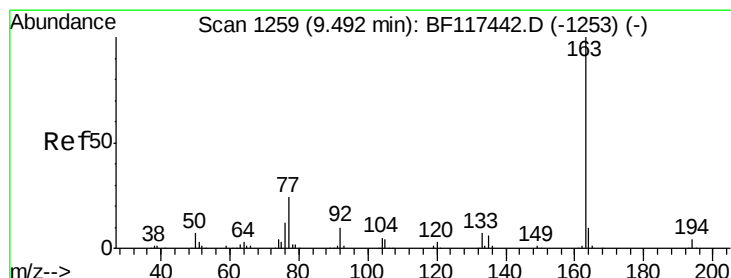
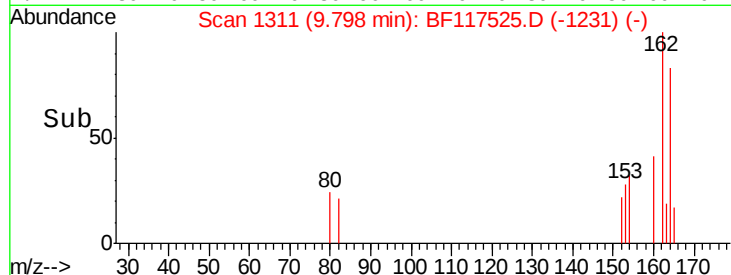
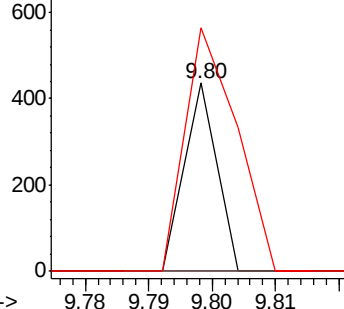
153 129.4 10.3 15.5#



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: 2.084 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

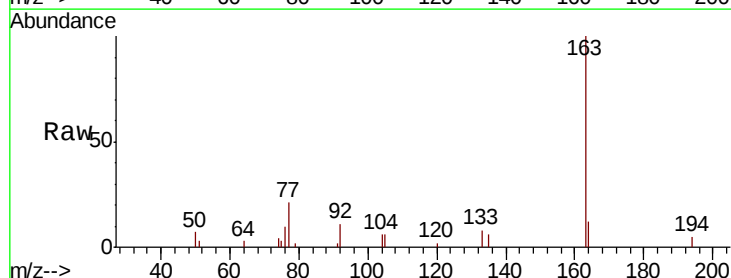
Tgt Ion:163 Resp: 18868

Ion Ratio Lower Upper

163 100

194 4.7 2.9 4.3#

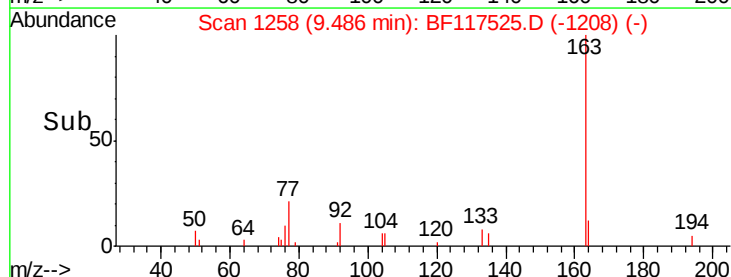
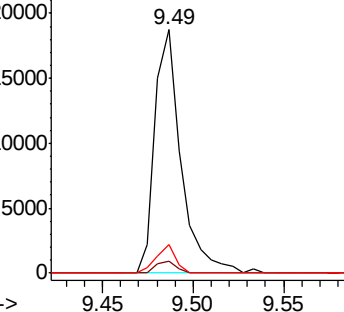
164 11.6 8.2 12.2

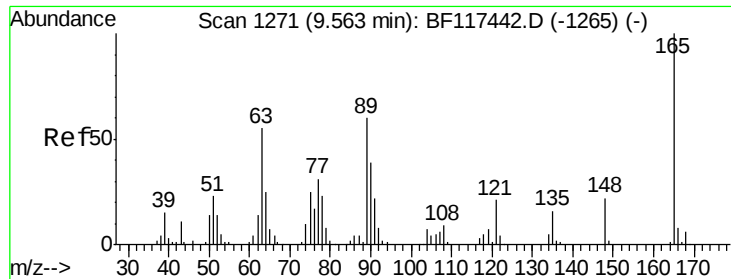


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.348 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

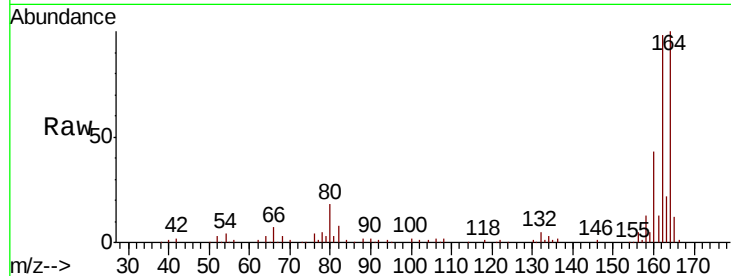
Tot Ion:165 Resp: 15772

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

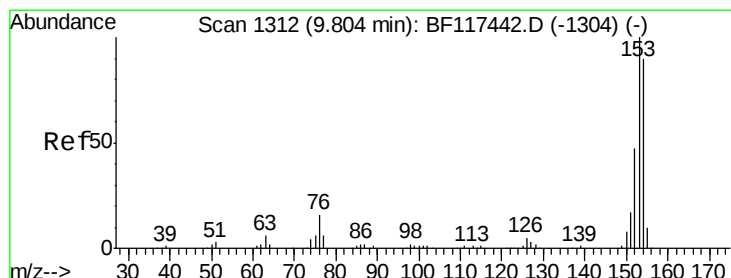
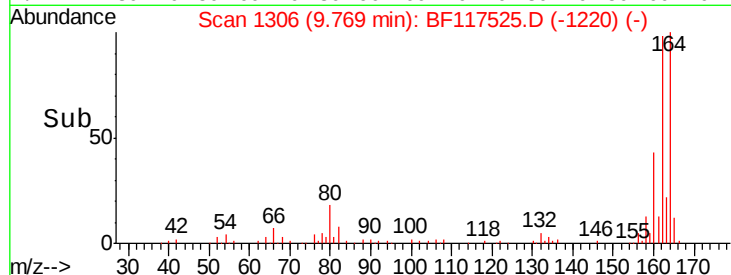
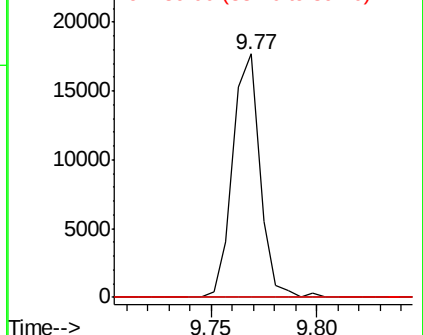
89 0.0 47.6 71.4#



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: 0.048 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

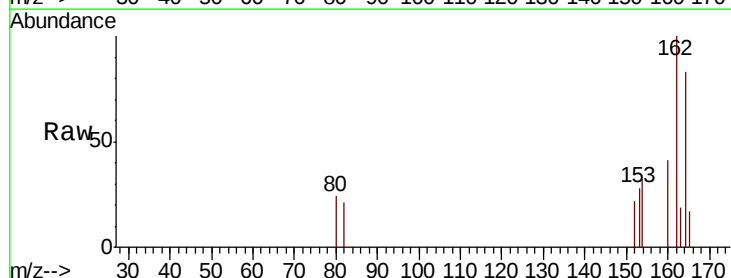
Tgt Ion:154 Resp: 346

Ion Ratio Lower Upper

154 100

153 86.6 89.2 133.8#

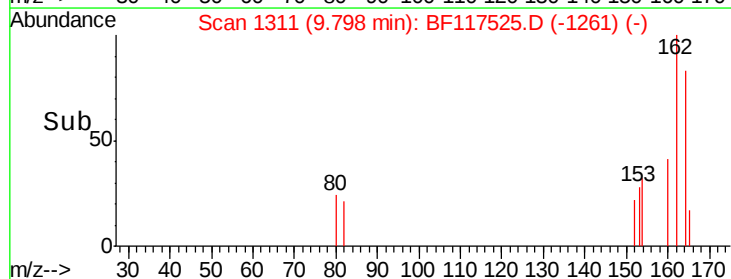
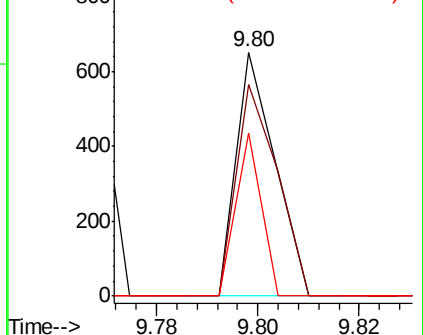
152 67.0 41.8 62.6#

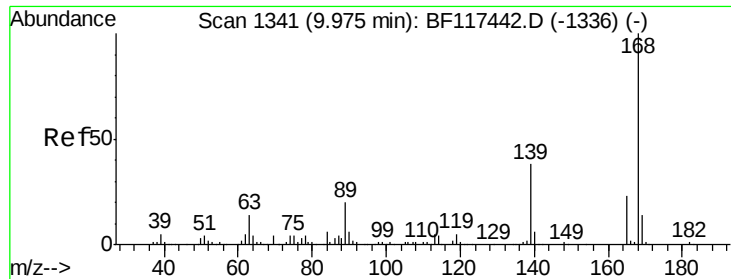


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

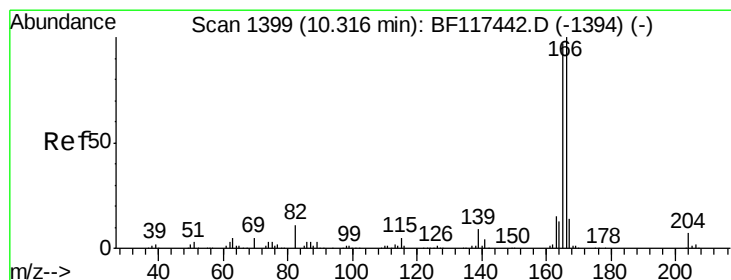
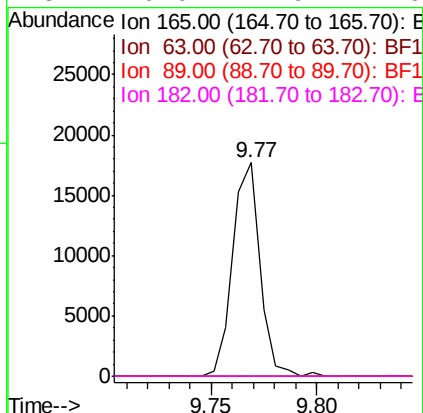
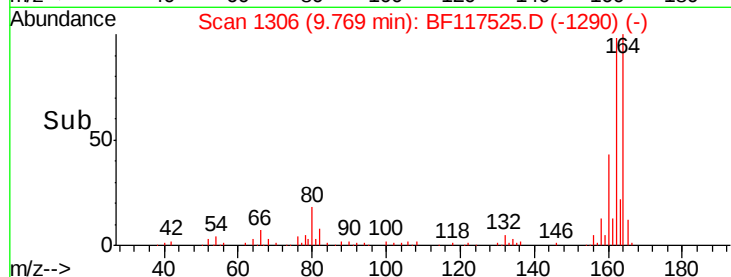
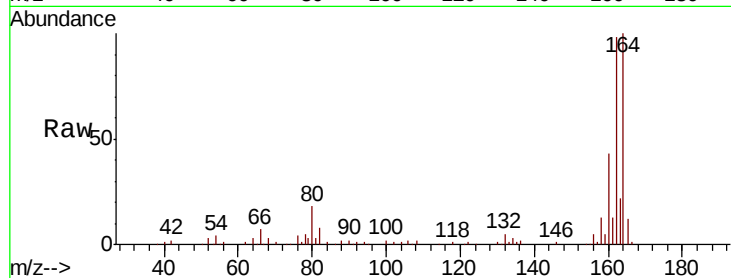




#57
2,4-Dinitrotoluene
Concen: 6.279 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

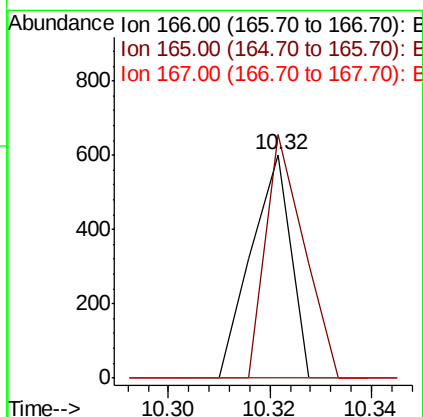
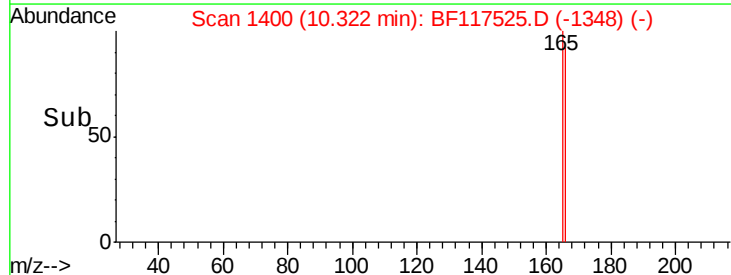
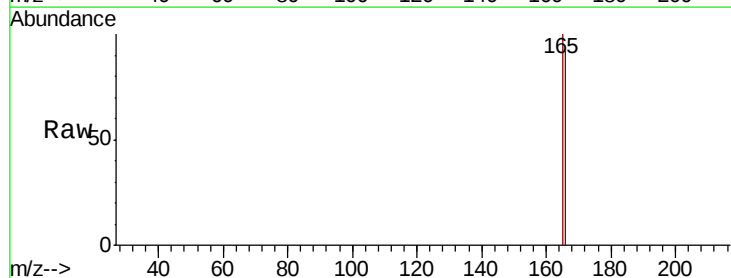
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

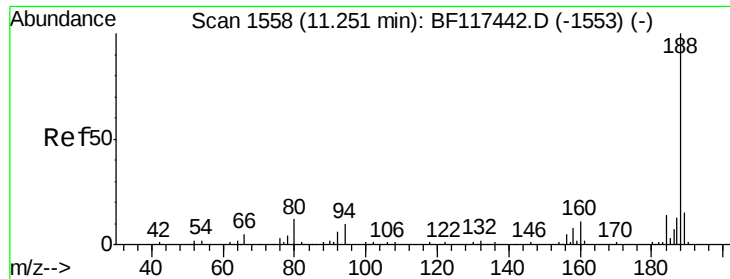
Tot Ion:165 Resp: 15772
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.0#
89 0.0 69.9 104.9#
182 0.0 1.9 2.9#



#58
Fluorene
Concen: 0.038 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:166 Resp: 325
Ion Ratio Lower Upper
166 100
165 109.2 77.6 116.4
167 0.0 11.0 16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

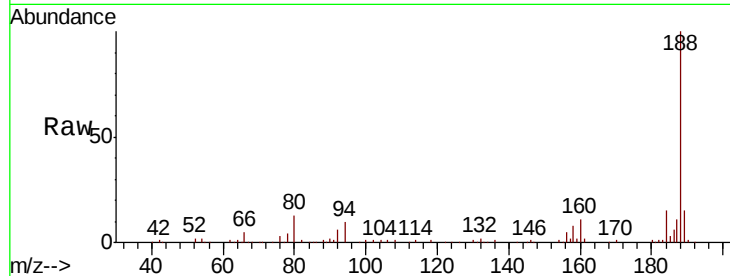
Tot Ion:188 Resp: 176414

Ion Ratio Lower Upper

188 100

94 10.5 8.0 12.0

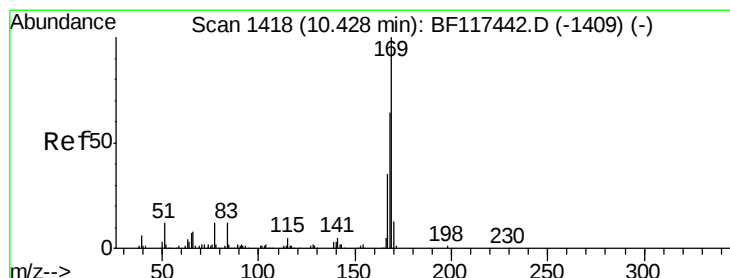
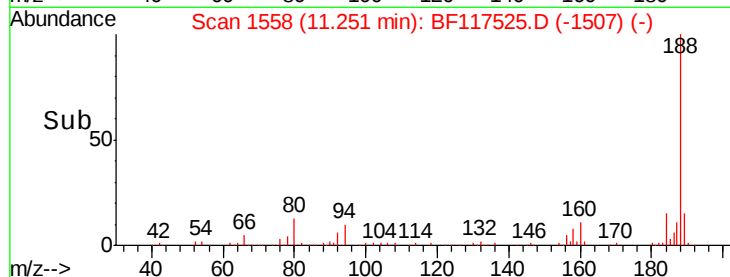
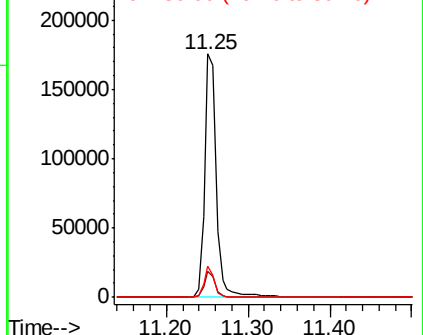
80 12.6 9.5 14.3



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: 0.112 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.13 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

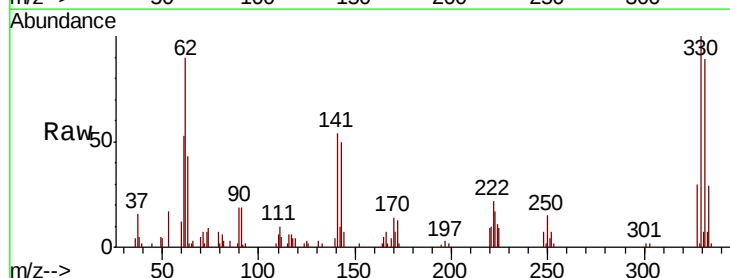
Tgt Ion:169 Resp: 723

Ion Ratio Lower Upper

169 100

168 0.0 51.3 76.9#

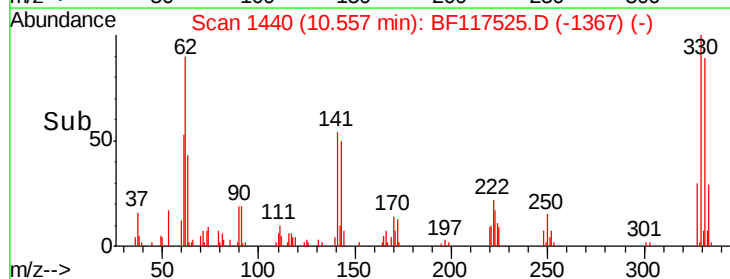
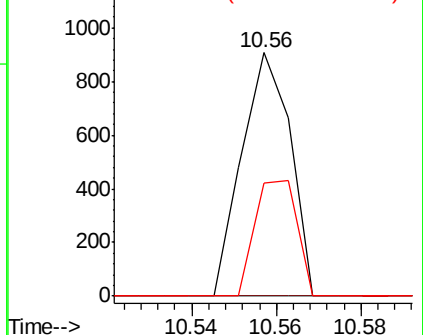
167 46.5 28.2 42.4#

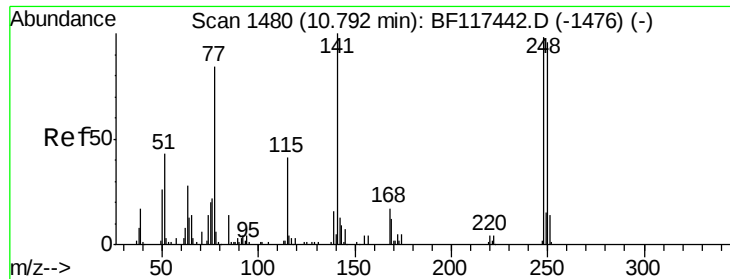


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 0.828 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.23 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

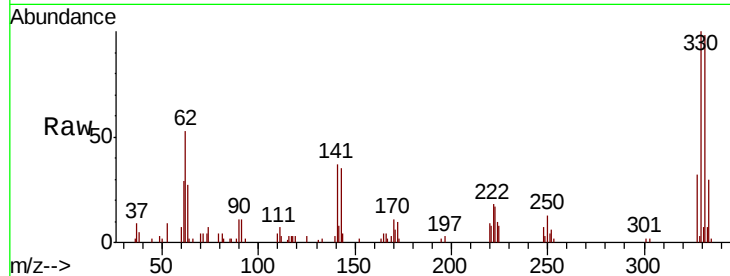
Tot Ion:248 Resp: 1573

Ion Ratio Lower Upper

248 100

250 178.5 78.0 117.0#

141 520.1 81.7 122.5#

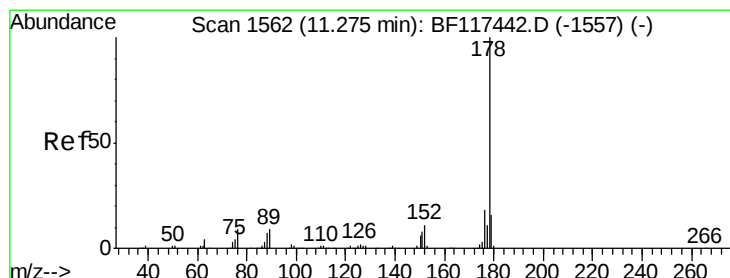
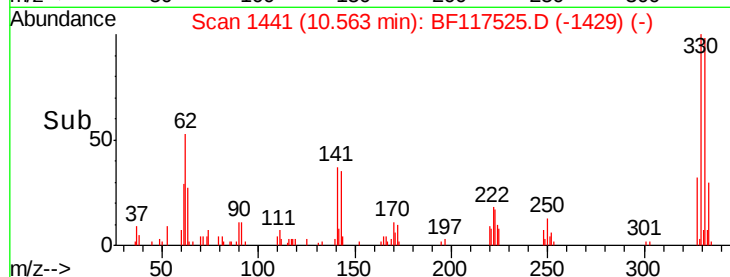
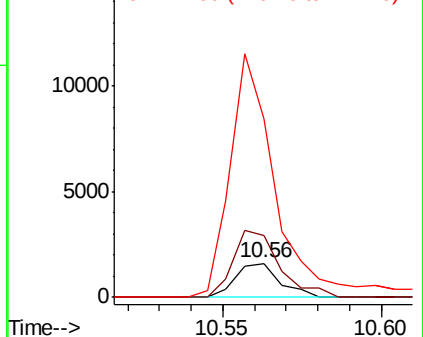


Abundance

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: 0.796 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

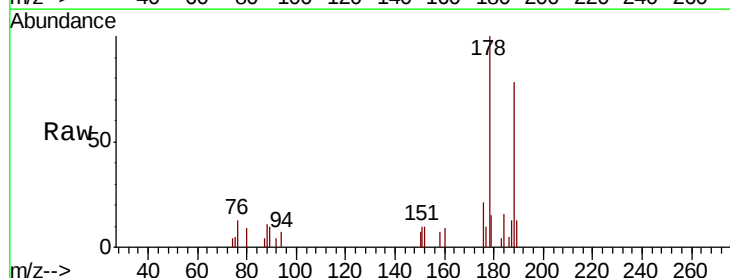
Tgt Ion:178 Resp: 8156

Ion Ratio Lower Upper

178 100

176 20.6 14.6 22.0

179 14.7 12.6 19.0

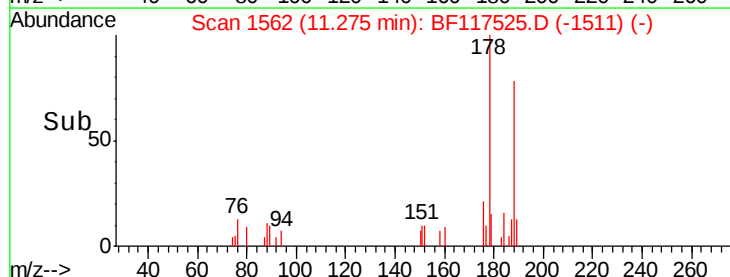
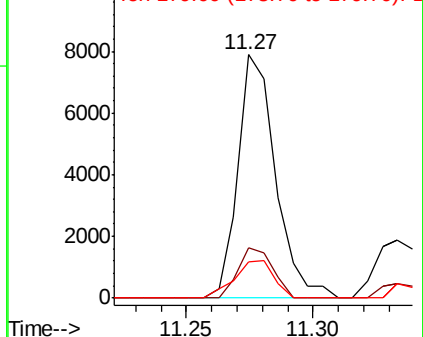


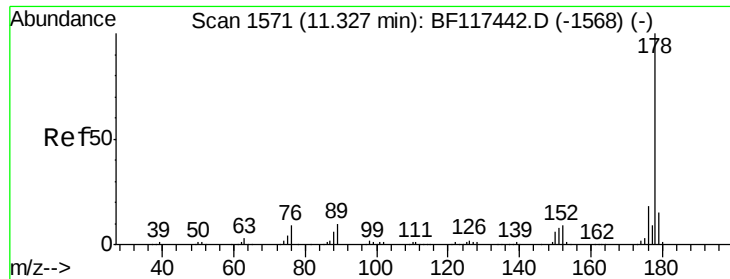
Abundance

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

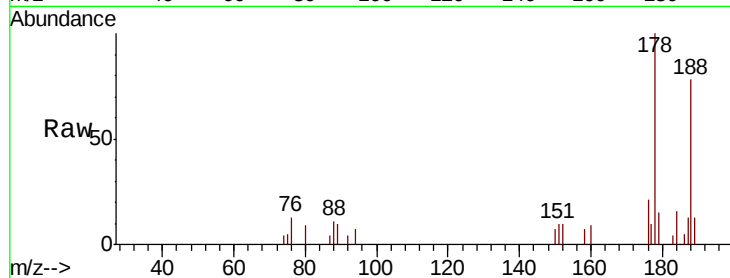




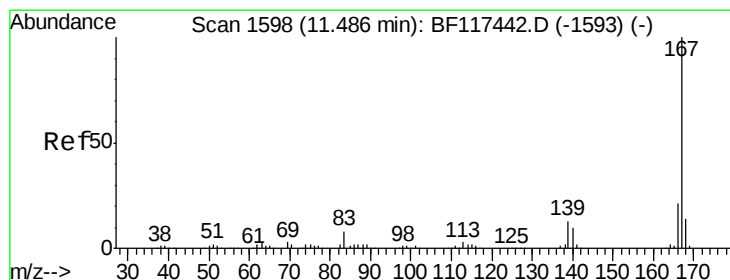
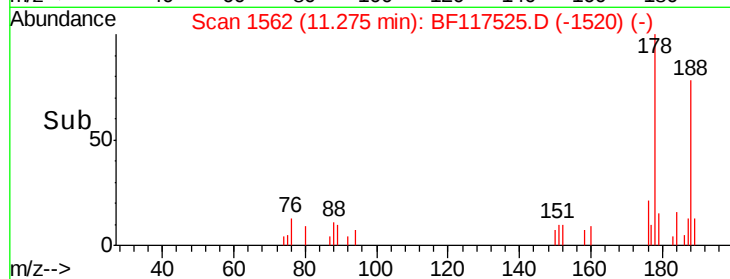
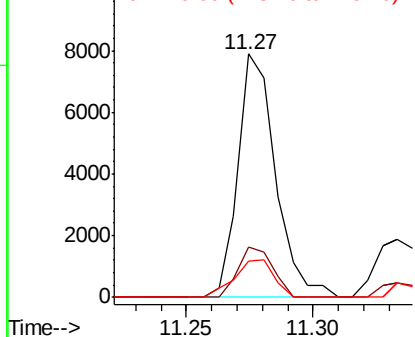
#72
 Anthracene
 Concen: 0.776 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.05 min
 Lab File: BF117525.D
 Acq: 24 Oct 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 190-78-(0-1)

Tot Ion:178 Resp: 8156
 Ion Ratio Lower Upper
 178 100
 176 20.6 14.7 22.1
 179 14.7 12.2 18.2

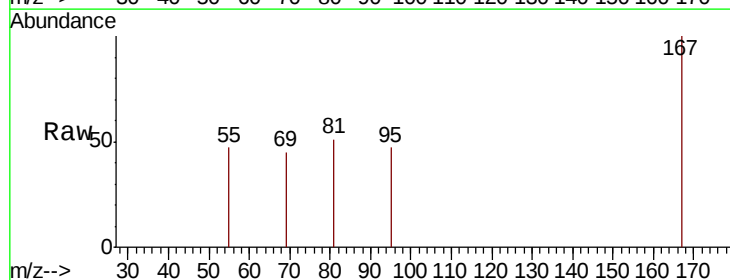


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

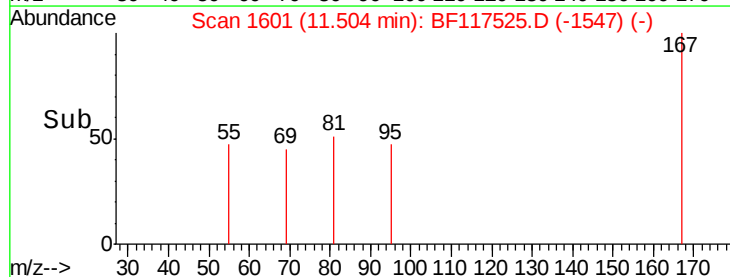
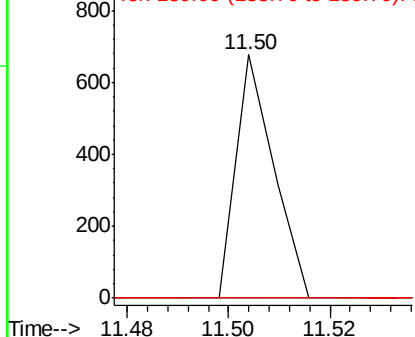


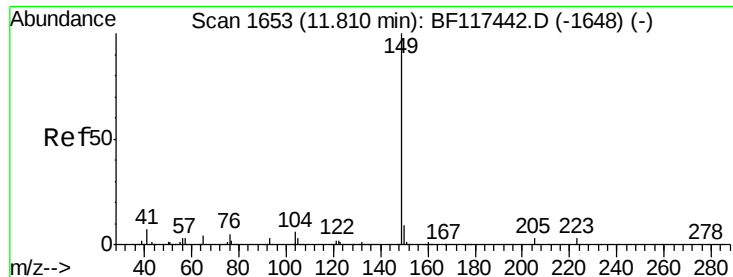
#73
 Carbazole
 Concen: 0.037 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.02 min
 Lab File: BF117525.D
 Acq: 24 Oct 2019 21:59

Tgt Ion:167 Resp: 351
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.0 25.6#
 139 0.0 10.6 16.0#



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





#74

Di-n-butylphthalate

Concen: 0.061 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

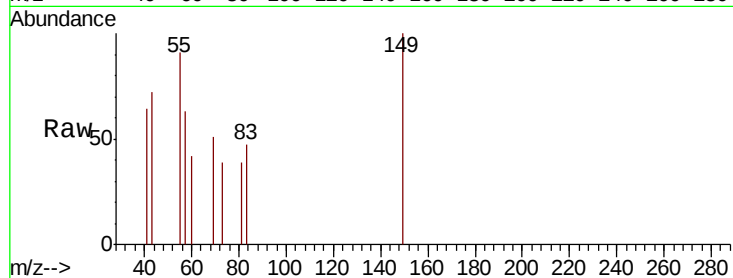
Tot Ion:149 Resp: 785

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

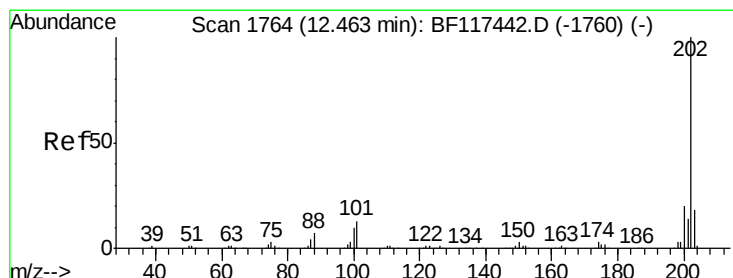
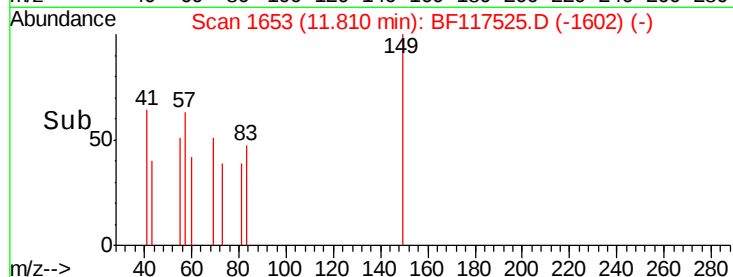
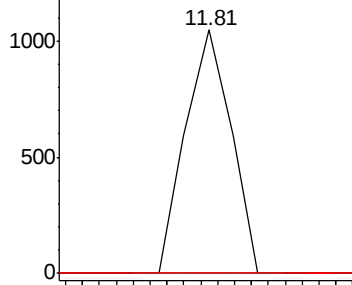
104 0.0 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 1.255 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

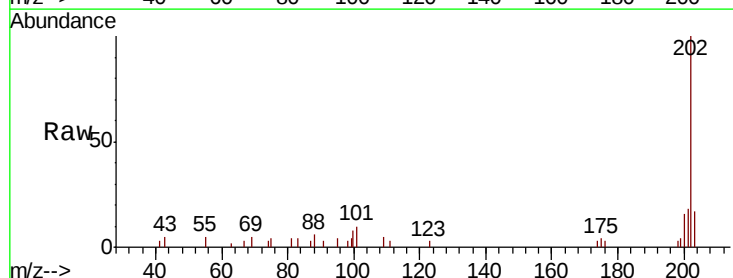
Tgt Ion:202 Resp: 12868

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.7

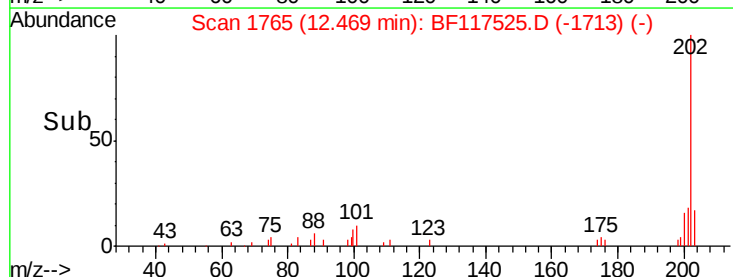
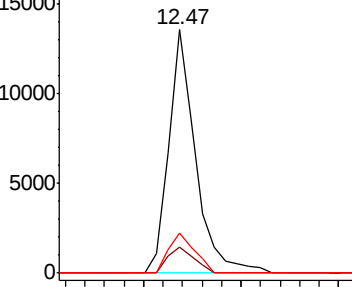
203 16.6 0.0 37.6

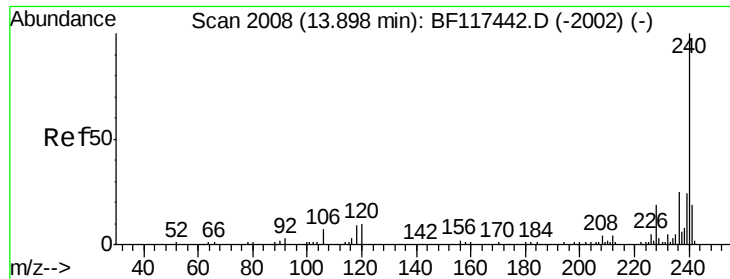


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

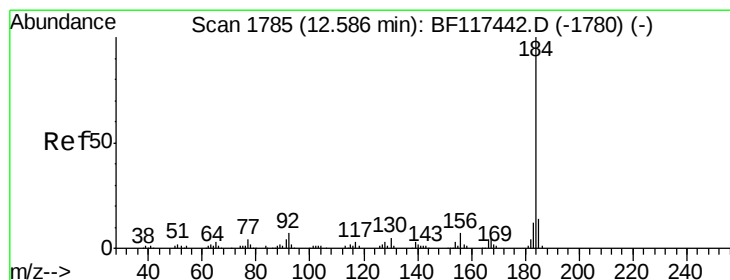
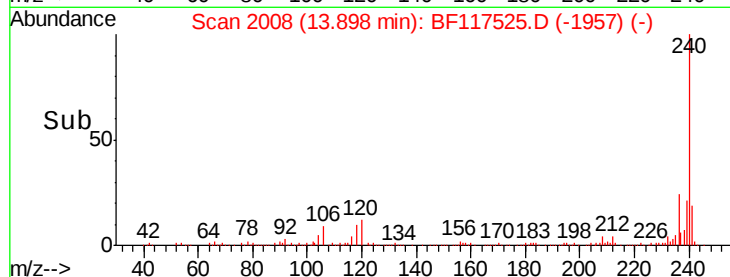
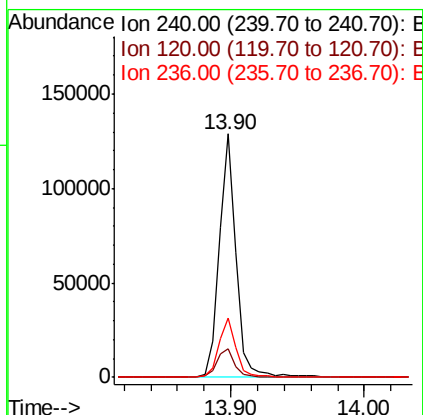
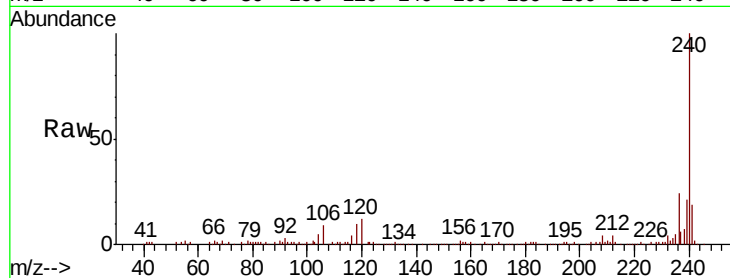




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF117525.D
 Acq: 24 Oct 2019 21:59

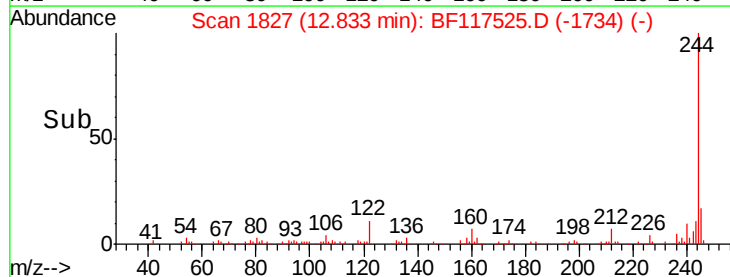
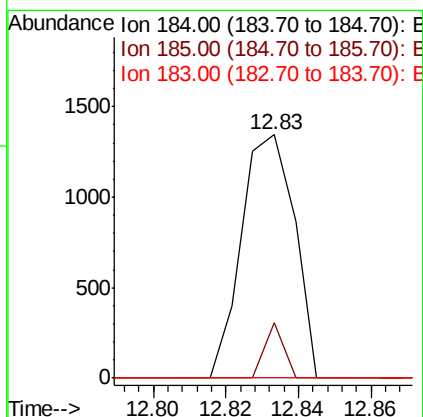
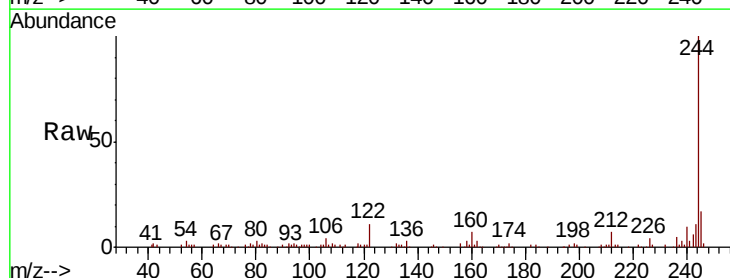
Instrument :
 BNA_F
 ClientSampleId :
 190-78-(0-1)

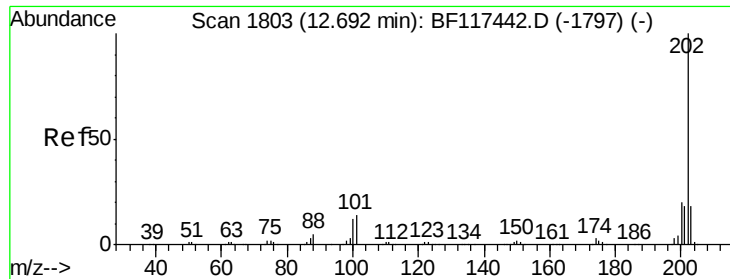
Tot Ion:240 Resp: 114931
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.4 12.6
 236 24.2 20.0 30.0



#77
 Benzidine
 Concen: Below Cal
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.25 min
 Lab File: BF117525.D
 Acq: 24 Oct 2019 21:59

Tgt Ion:184 Resp: 1363
 Ion Ratio Lower Upper
 184 100
 185 22.6 11.4 17.0#
 183 0.0 9.6 14.4#

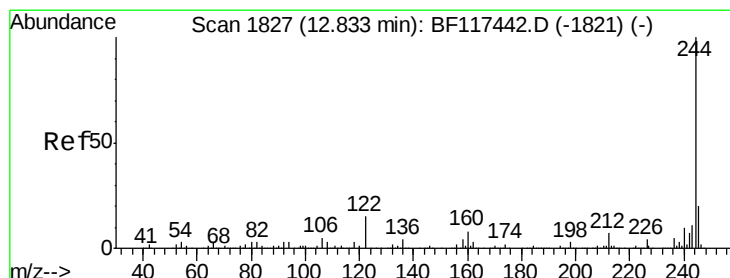
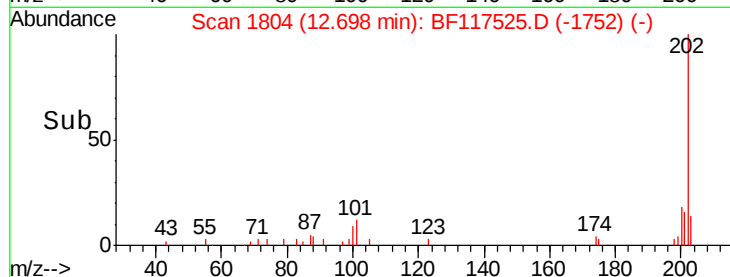
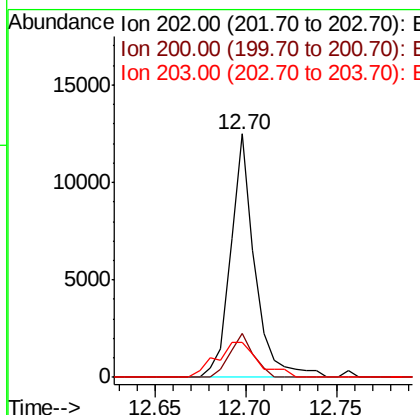
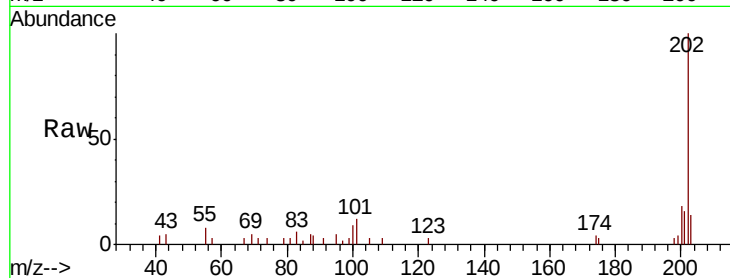




#78
Pvrene
Concen: 1.175 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

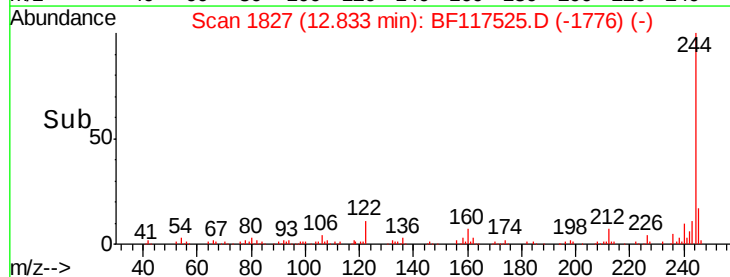
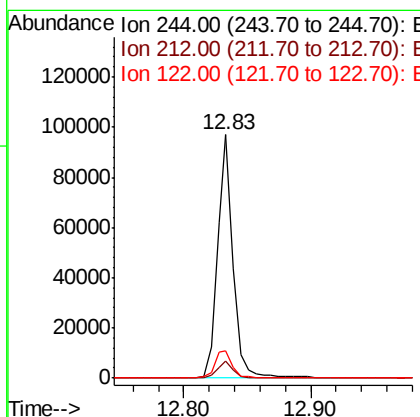
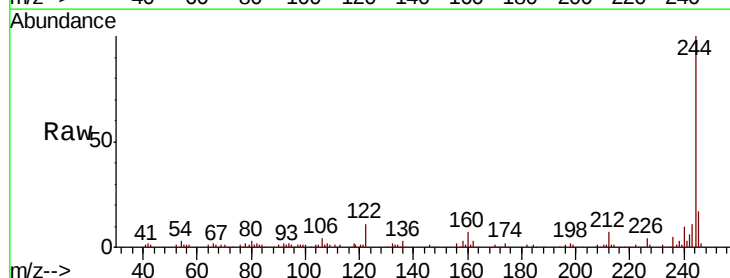
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

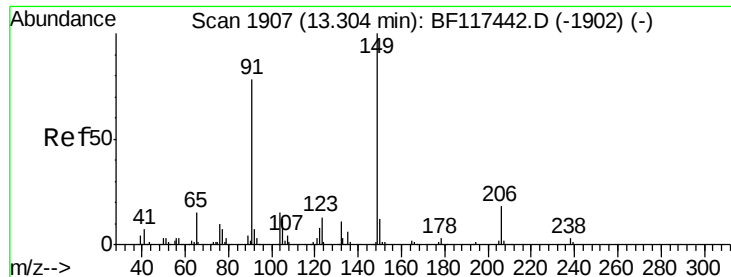
Tot Ion:202 Resp: 11603
Ion Ratio Lower Upper
202 100
200 17.9 16.2 24.2
203 14.1 14.0 21.0



#79
Terphenyl-d14
Concen: 11.825 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:244 Resp: 83318
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.3 11.8 17.8#

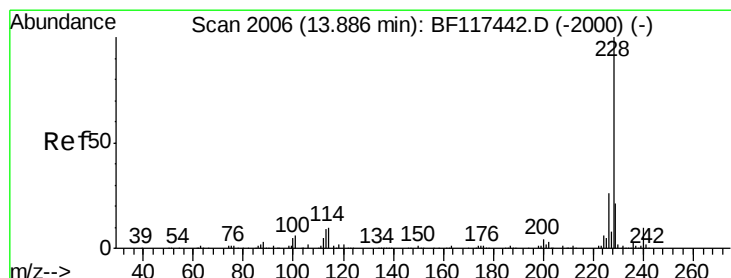
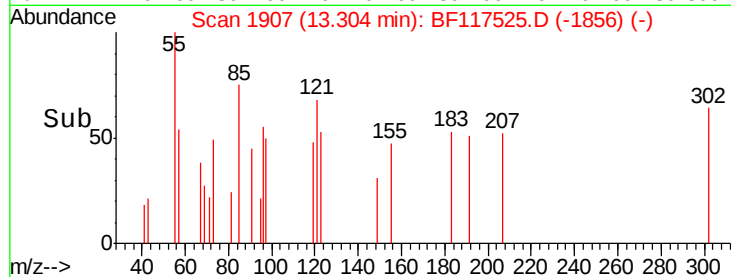
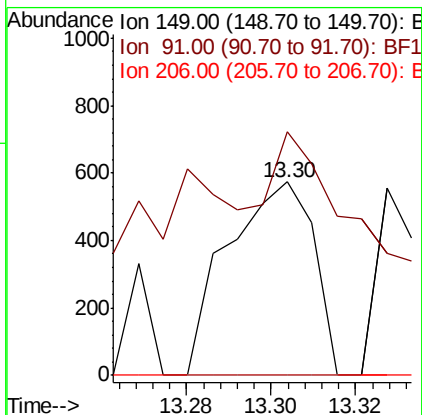
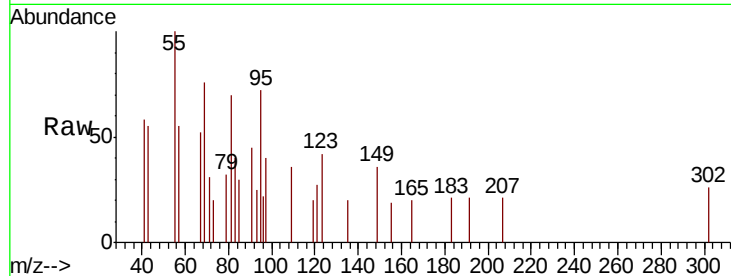




#80
 Butylbenzylphthalate
 Concen: 0.165 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF117525.D
 Acq: 24 Oct 2019 21:59

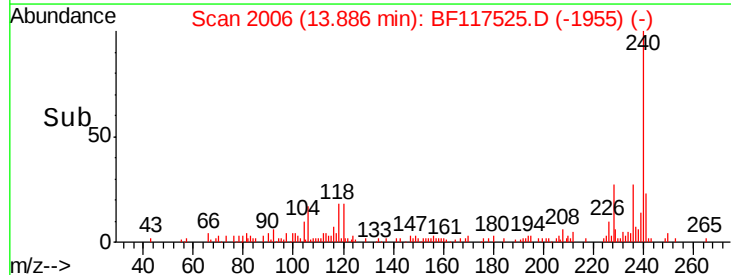
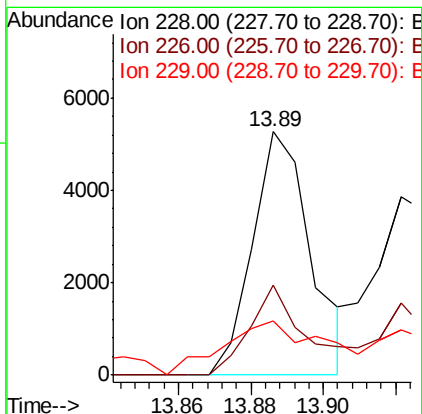
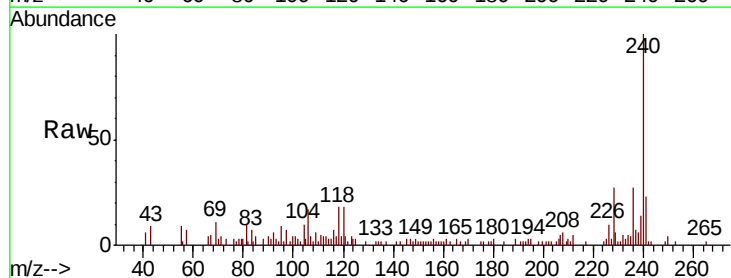
Instrument :
 BNA_F
 ClientSampleID :
 190-78-(0-1)

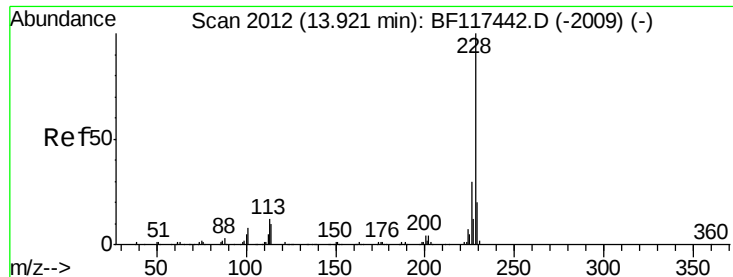
Tot Ion	Ratio	Lower	Upper
149	100		
91	125.8	62.1	93.1#
206	0.0	14.3	21.5#



#81
 Benzo(a)anthracene
 Concen: 0.761 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF117525.D
 Acq: 24 Oct 2019 21:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.9	21.0	31.4#
229	22.2	16.4	24.6

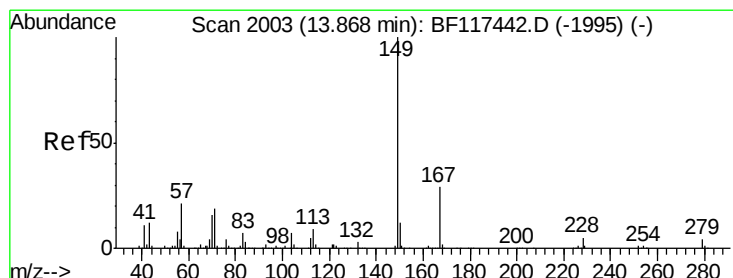
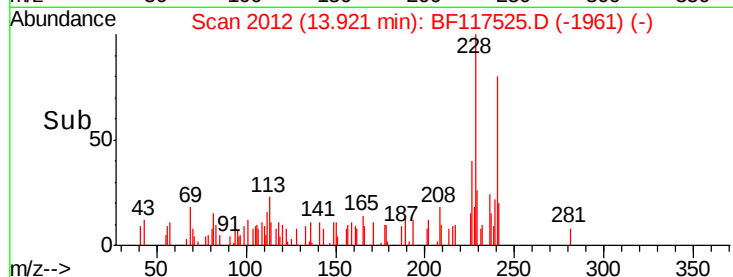
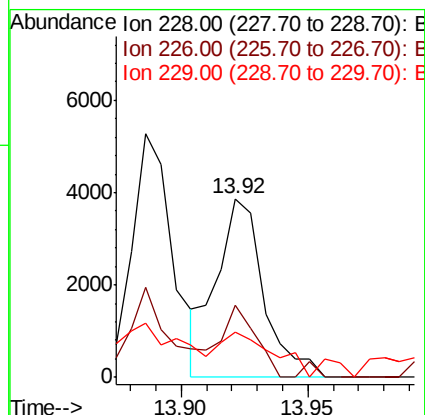
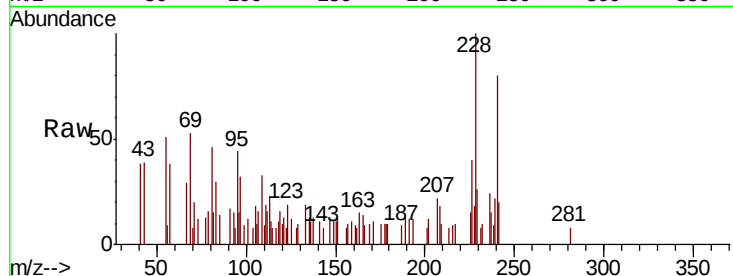




#83
Chrysene
Concen: 0.663 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

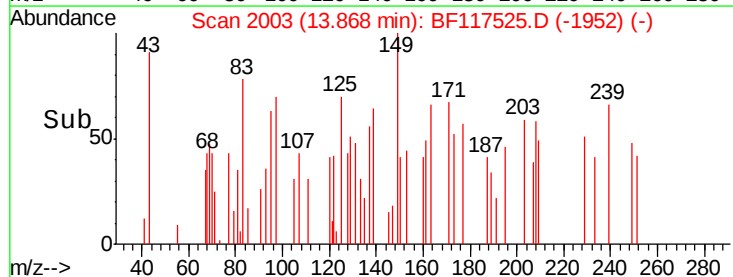
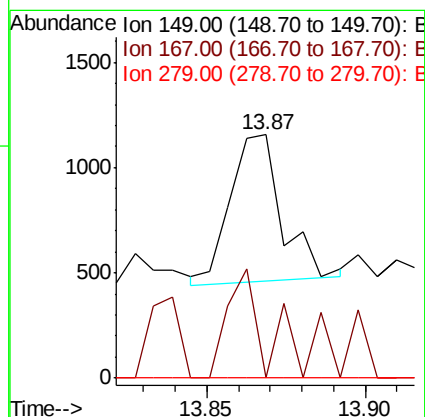
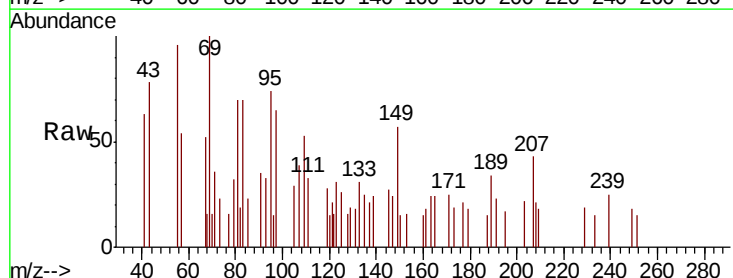
Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

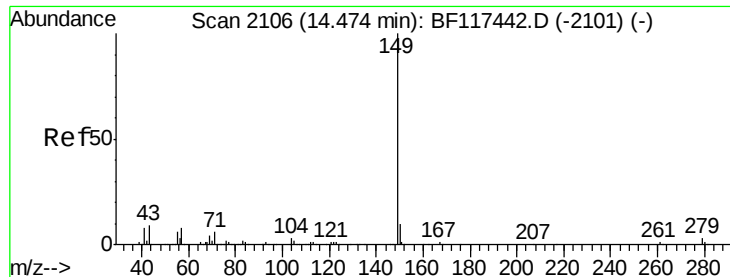
Tot Ion:228 Resp: 5034
Ion Ratio Lower Upper
228 100
226 40.4 23.9 35.9#
229 25.7 15.8 23.6#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:149 Resp: 797
Ion Ratio Lower Upper
149 100
167 0.0 23.3 34.9#
279 0.0 3.2 4.8#

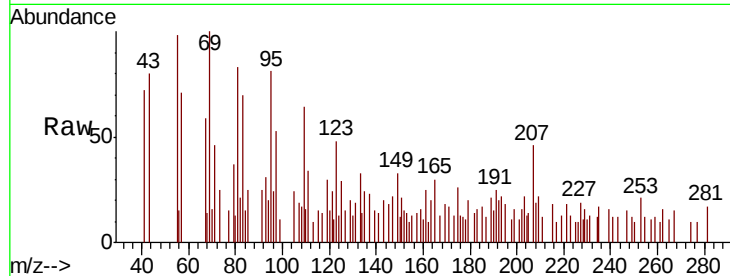




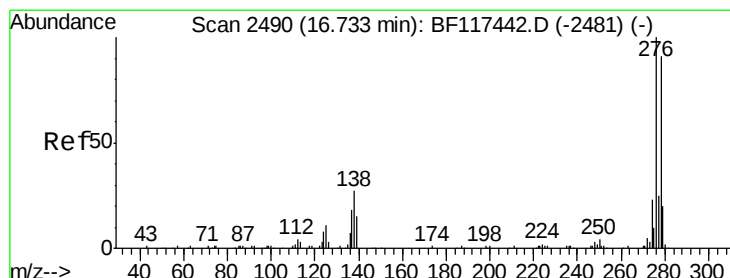
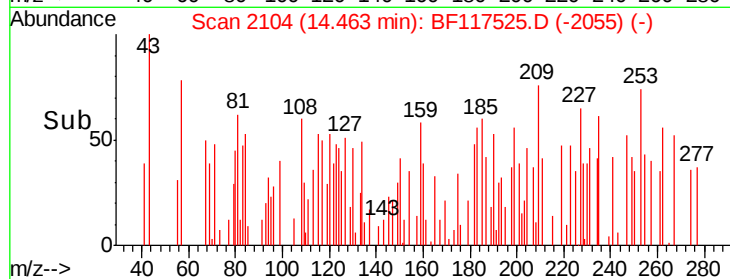
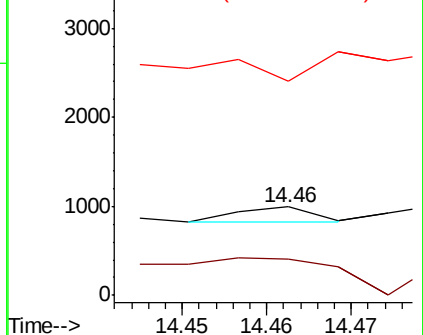
#85
Di-n-octyl phthalate
Concen: 0.009 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

Tot Ion	Ratio	Lower	Upper
149	100		
167	940.6	1.2	1.8#
43	0.0	6.8	10.2#

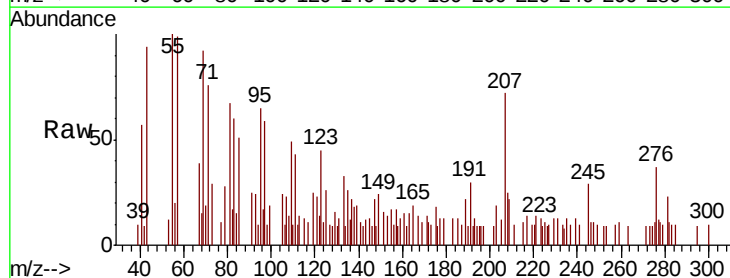


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

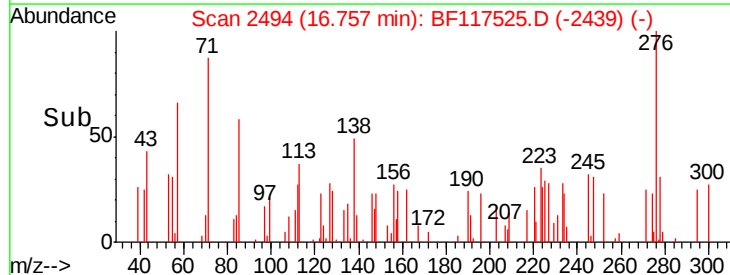
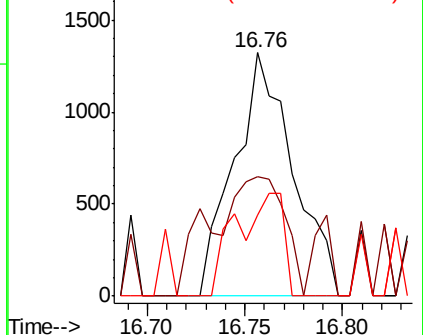


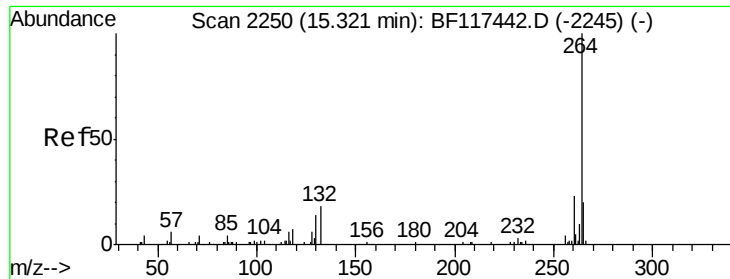
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.9	21.8	32.8#
277	34.1	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

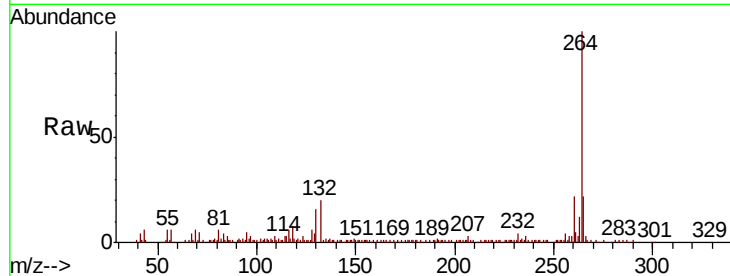




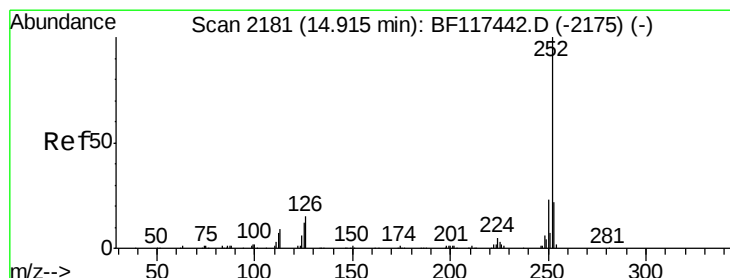
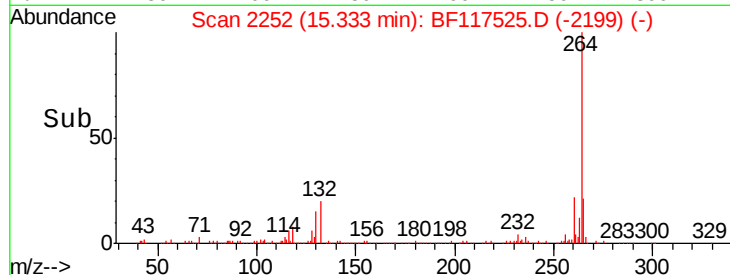
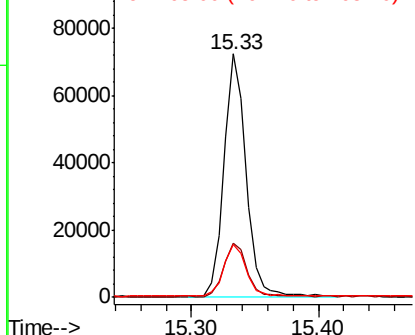
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

Tot Ion:264 Resp: 88265
Ion Ratio Lower Upper
264 100
260 22.0 18.4 27.6
265 21.5 16.1 24.1

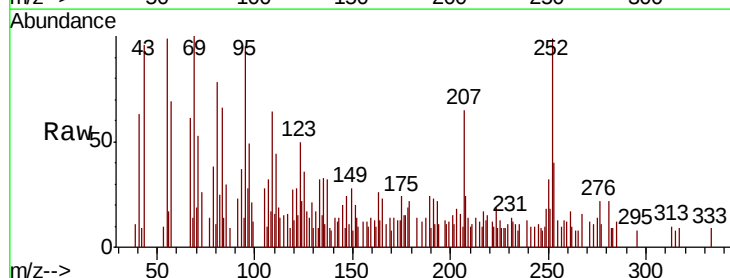


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

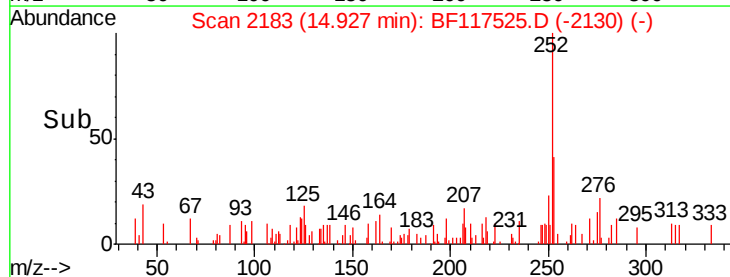
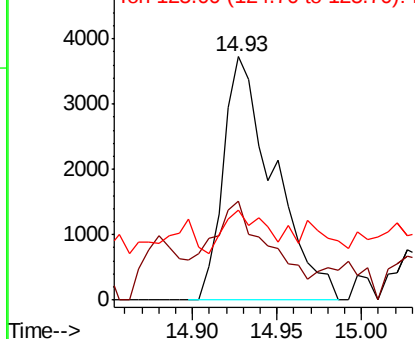


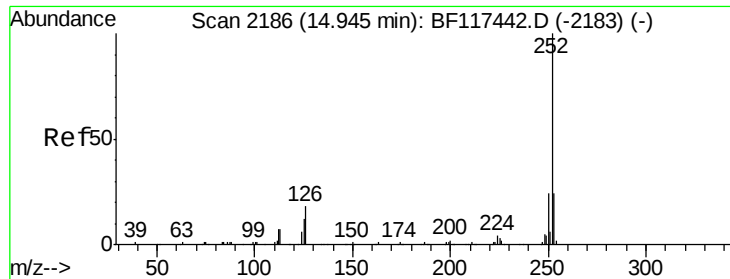
#88
Benzo(b)fluoranthene
Concen: 1.484 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:252 Resp: 7733
Ion Ratio Lower Upper
252 100
253 40.6 17.8 26.6#
125 36.8 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

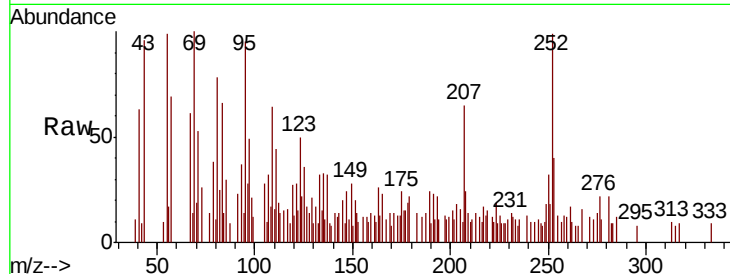




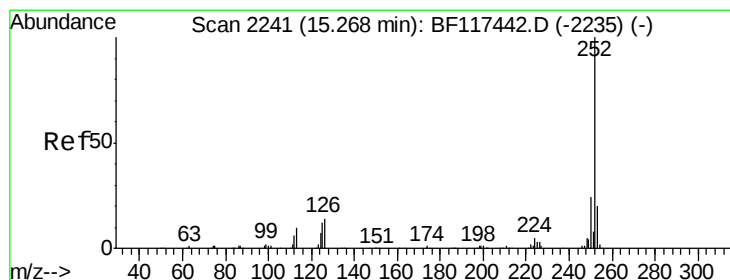
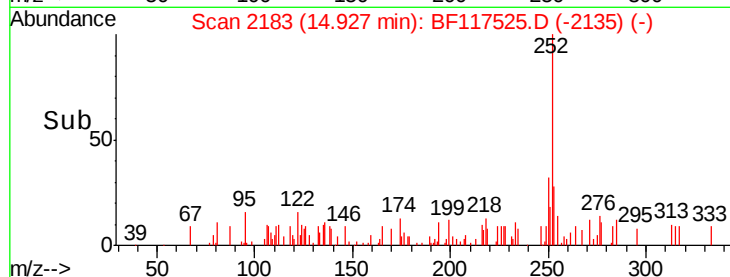
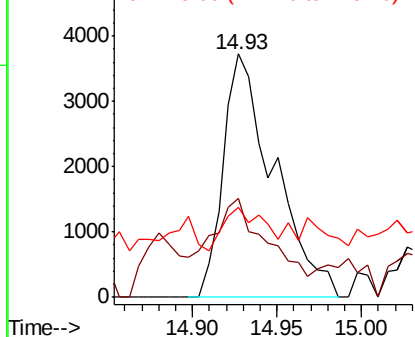
#89
Benzo(k)fluoranthene
Concen: 1.448 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Instrument :
BNA_F
ClientSampleId :
190-78-(0-1)

Tot Ion:252 Resp: 7733
Ion Ratio Lower Upper
252 100
253 40.6 18.0 27.0#
125 36.8 8.9 13.3#

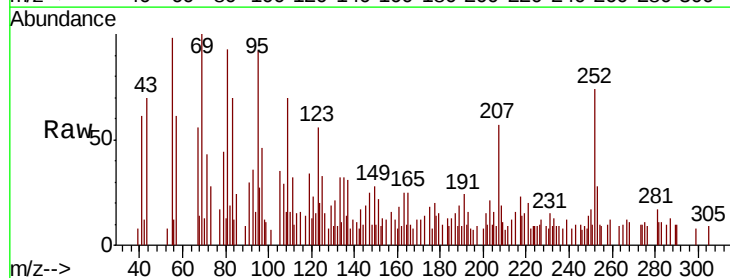


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

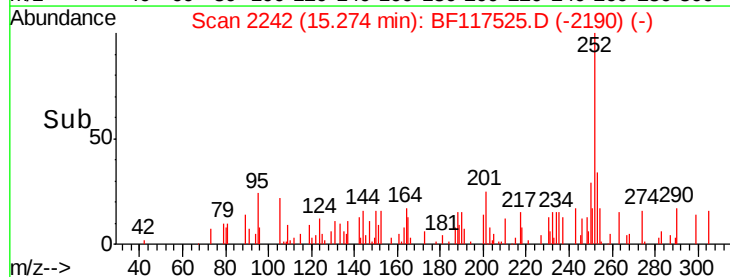
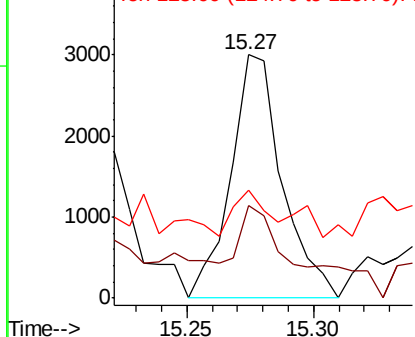


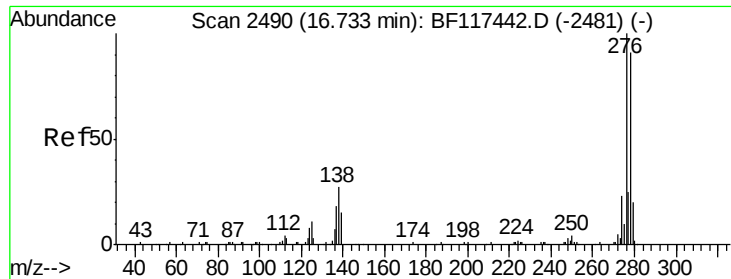
#90
Benzo(a)pyrene
Concen: 0.892 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117525.D
Acq: 24 Oct 2019 21:59

Tgt Ion:252 Resp: 4225
Ion Ratio Lower Upper
252 100
253 38.3 16.3 24.5#
125 44.5 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: 0.069 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

Instrument :

BNA_F

ClientSampleId :

190-78-(0-1)

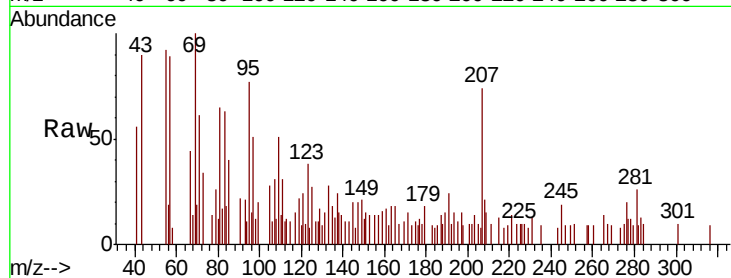
Tot Ion:278 Resp: 281

Ion Ratio Lower Upper

278 100

139 123.1 13.4 20.0#

279 74.8 17.8 26.6#

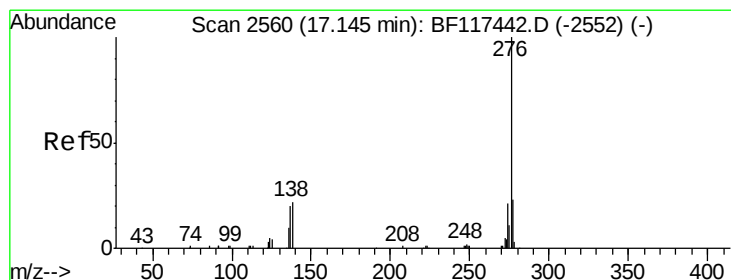
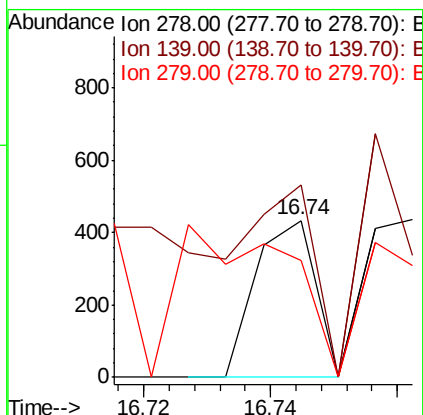
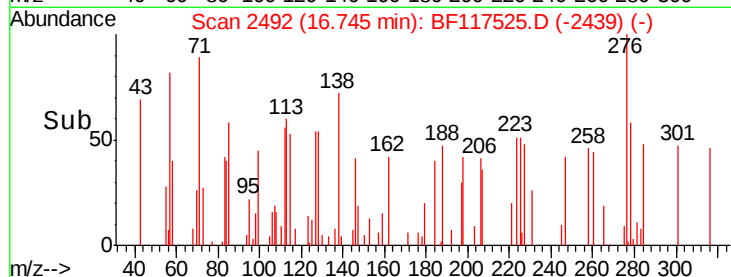


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#92

Benzo(g,h,i)perylene

Concen: 0.855 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.04 min

Lab File: BF117525.D

Acq: 24 Oct 2019 21:59

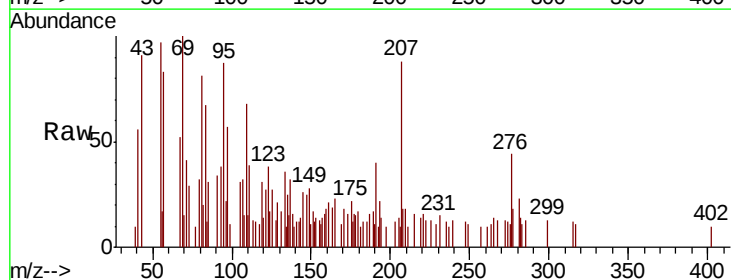
Tgt Ion:276 Resp: 3316

Ion Ratio Lower Upper

276 100

277 39.9 18.4 27.6#

138 35.2 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

Time-->

