

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116023.D
 Acq On : 6 Aug 2019 19:48
 Operator : HP/JU
 Sample : K4129-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Quant Time: Aug 07 04:51:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125993	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	475198	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	254768	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	455364	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	326482	20.00	ng	-0.02
87) Perylene-d12	15.46	264	350721	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	900459	119.64	ng	0.01
7) Phenol-d6	6.48	99	1052709	110.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	820746	99.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	352364	142.65	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1418357	104.28	ng	-0.02
79) Terphenyl-d14	12.95	244	1601559	103.37	ng	-0.02

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.30	42	115	0.027	ng	# 1
6) Aniline	6.62	93	1191	0.088	ng	# 1
8) 2-Chlorophenol	6.63	128	132	0.016	ng	# 1
9) Benzaldehyde	6.48	77	1463	0.223	ng	# 1
10) Phenol	6.49	94	3259	0.291	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1191	0.145	ng	# 1
15) Benzyl Alcohol	7.00	79	13462	1.868	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.12	45	304	0.027	ng	# 65
22) Acetophenone	7.26	105	628	0.060	ng	# 52
24) Nitrobenzene	7.40	77	2185	0.246	ng	# 35
31) Naphthalene	8.15	128	660	0.030	ng	# 68
35) Caprolactam	8.56	113	109	0.051	ng	# 68
38) 1-Methylnaphthalene	9.20	142	539	0.039	ng	# 50
46) 1,1'-Biphenyl	9.30	154	2651	0.147	ng	# 88
48) 2-Nitroaniline	9.19	65	2215	0.448	ng	# 1
50) Dimethylphthalate	9.59	163	10710	0.617	ng	# 99
52) Acenaphthene	9.90	154	435	0.032	ng	# 61
55) Dibenzofuran	10.09	168	122	0.006	ng	# 45
58) Fluorene	10.66	166	14675	0.979	ng	# 92
60) Diethylphthalate	10.29	149	8600	0.531	ng	# 99
63) Azobenzene	10.66	77	1774	0.106	ng	# 10
65) 4,6-Dinitro-2-methylphenol	10.66	198	707	0.293	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	10300	0.751	ng	# 46
71) Phenanthrene	11.39	178	1427	0.061	ng	# 59
72) Anthracene	11.39	178	1427	0.061	ng	# 60
74) Di-n-butylphthalate	11.92	149	8333	0.334	ng	# 98
75) Fluoranthene	12.58	202	669	0.027	ng	# 64
77) Benzidine	12.95	184	21624	1.960	ng	# 96
78) Pyrene	12.81	202	457	0.019	ng	# 56
80) Butylbenzylphthalate	13.42	149	335	0.032	ng	# 77
81) Benzo(a)anthracene	14.00	228	887	0.043	ng	# 62
83) Chrysene	14.03	228	114	0.006	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	5069	0.375	ng	# 95
85) Di-n-octyl phthalate	14.58	149	261	0.012	ng	# 1

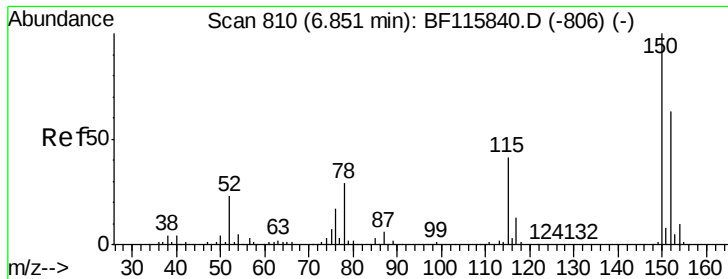
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116023.D
Acq On : 6 Aug 2019 19:48
Operator : HP/JU
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QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	15.46	252	815	0.045	ng	# 34

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

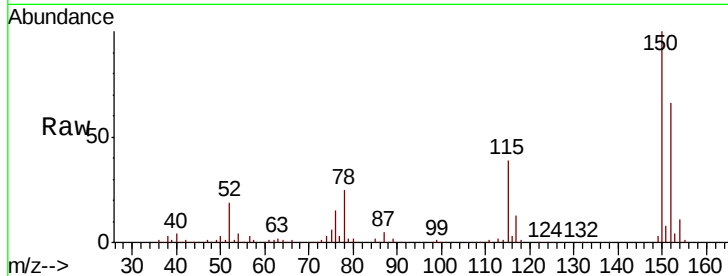


#1

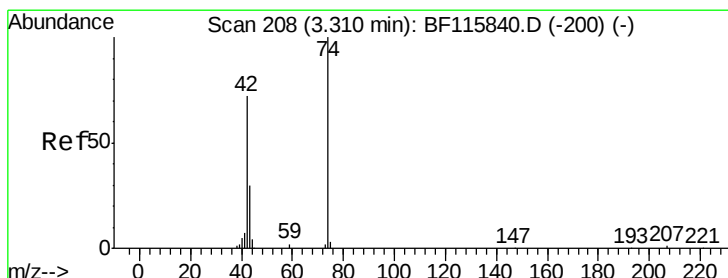
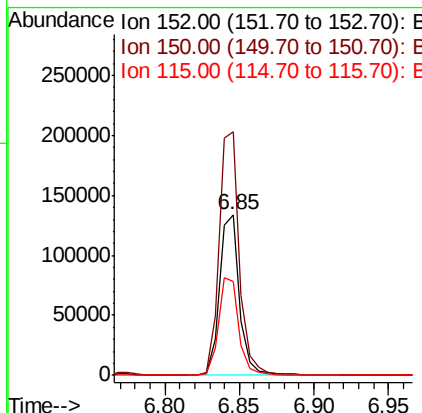
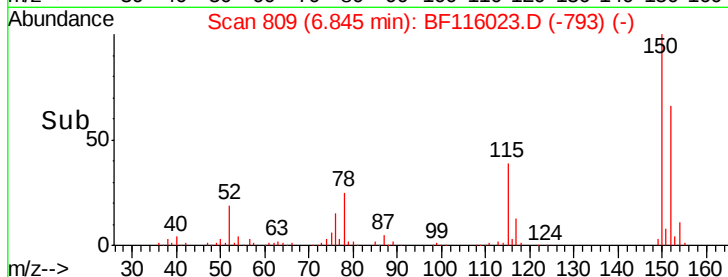
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Tot Ion:152 Resp: 125993
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.4 191.0
 115 58.6 51.8 77.8



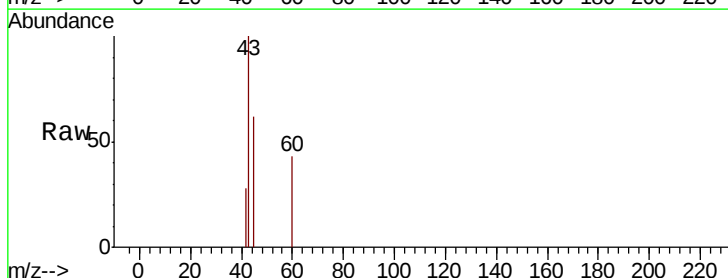
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



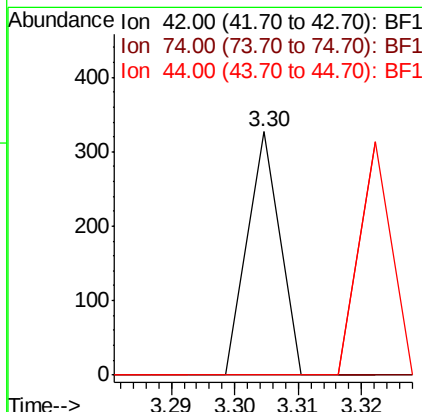
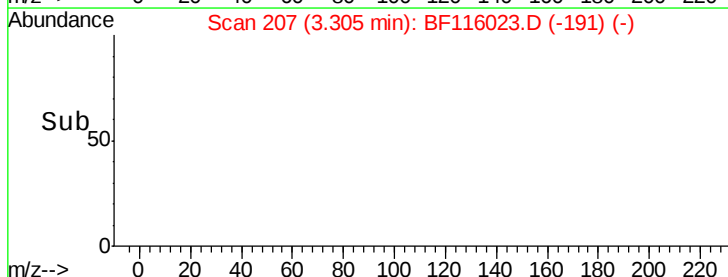
#4

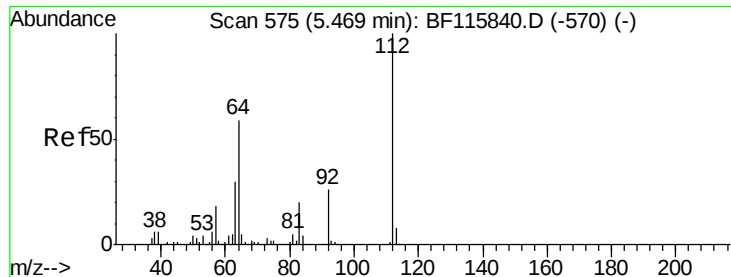
n-Nitrosodimethylamine
 Concen: 0.027 ng
 RT: 3.30 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Tgt Ion: 42 Resp: 115
 Ion Ratio Lower Upper
 42 100
 74 0.0 111.0 166.4#
 44 0.0 4.7 7.1#



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





#5

2-Fluorophenol

Concen: 119.643 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

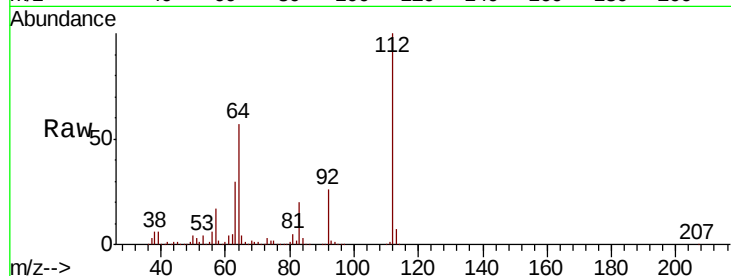
Tot Ion:112 Resp: 900459

Ion Ratio Lower Upper

112 100

64 56.6 46.8 70.2

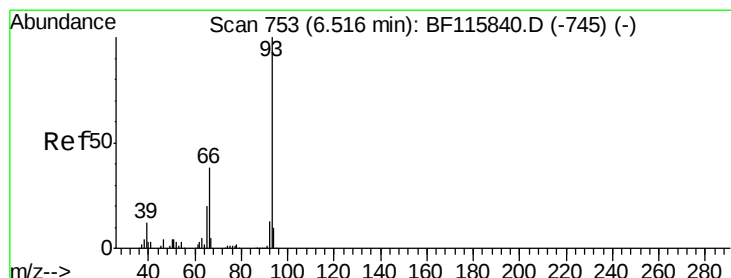
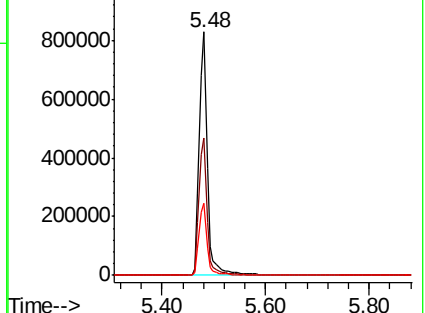
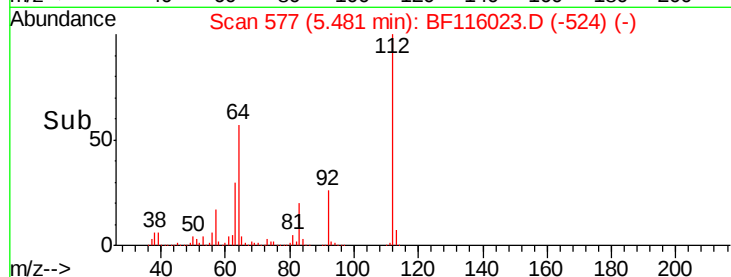
63 29.5 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.088 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

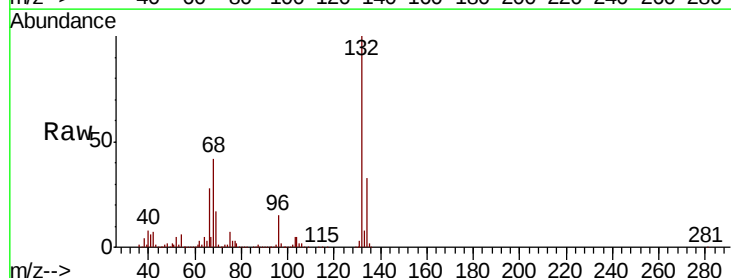
Tgt Ion: 93 Resp: 1191

Ion Ratio Lower Upper

93 100

66 19813.3 31.4 47.0#

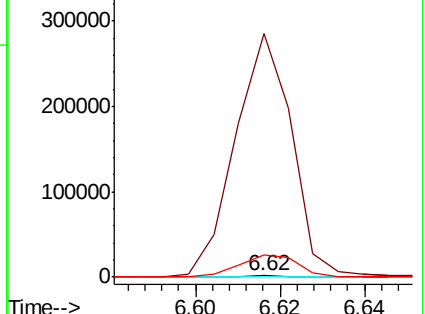
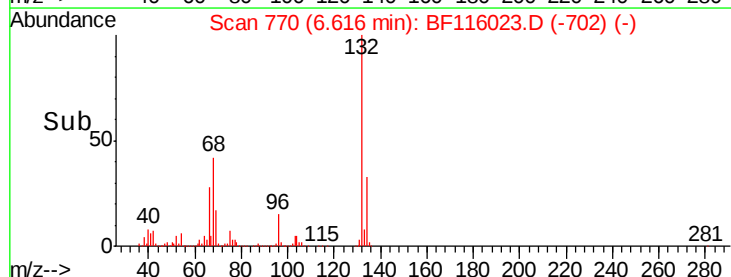
65 1779.4 16.5 24.7#

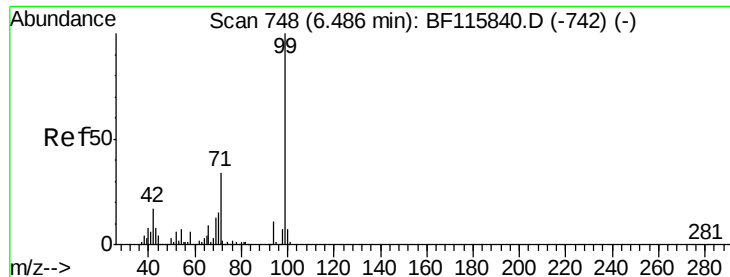


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.863 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

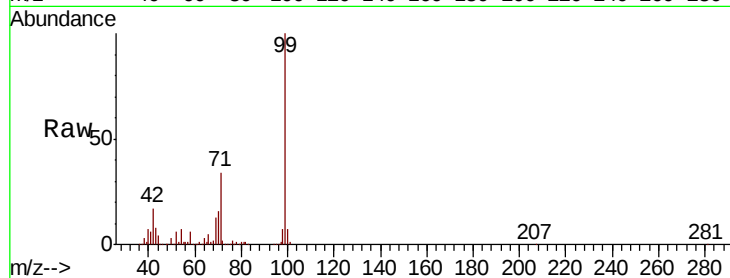
Tot Ion: 99 Resp: 1052709

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

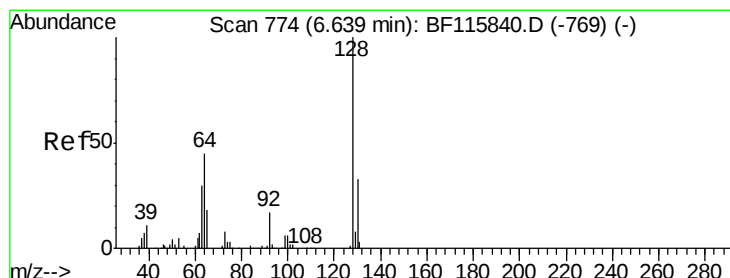
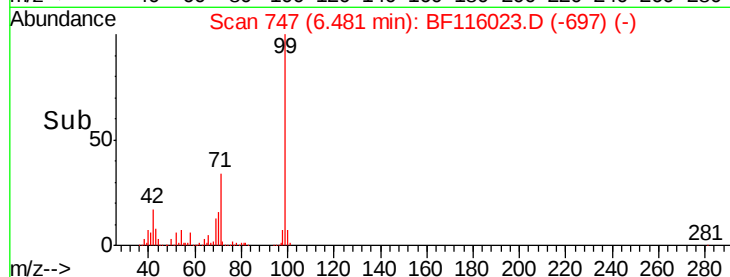
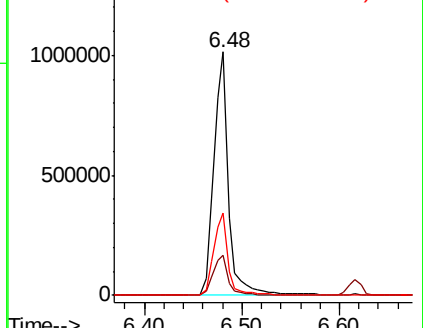
71 33.8 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.016 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

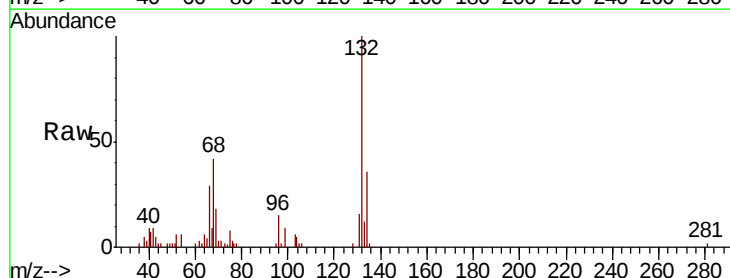
Tgt Ion: 128 Resp: 132

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

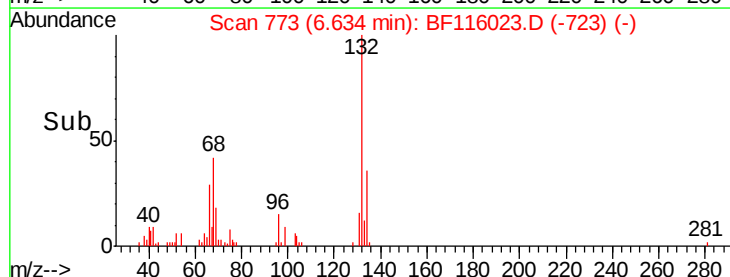
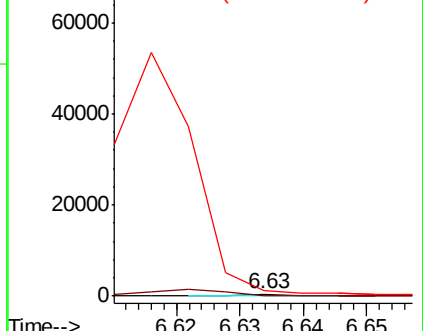
64 350.8 26.1 66.1#

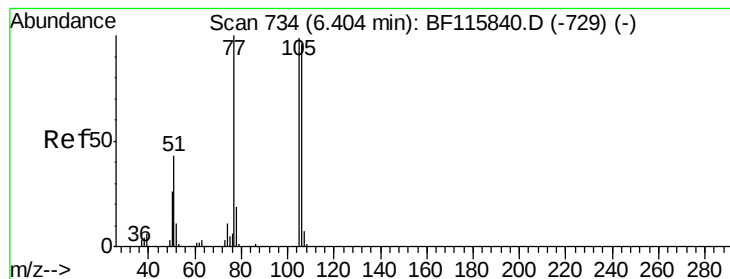


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.223 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

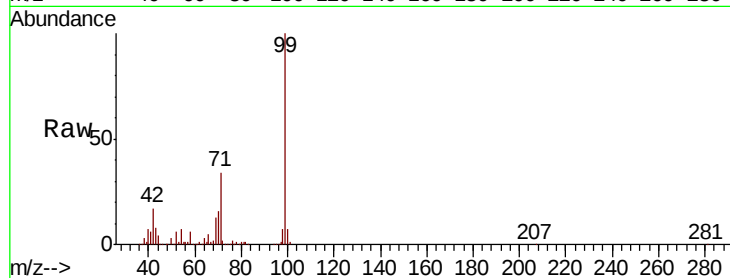
Tot Ion: 77 Resp: 1463

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

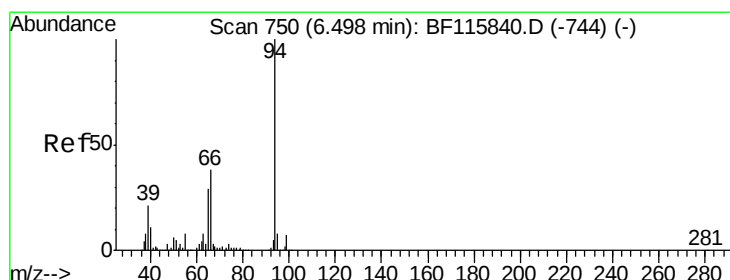
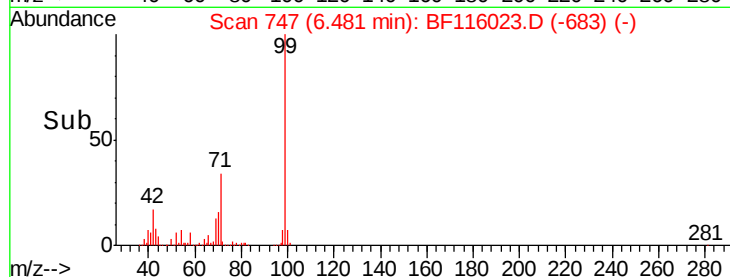
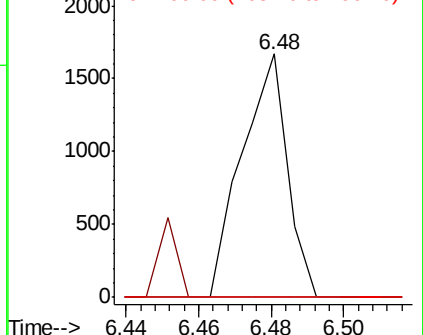
106 0.0 76.2 116.2#



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: 0.291 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

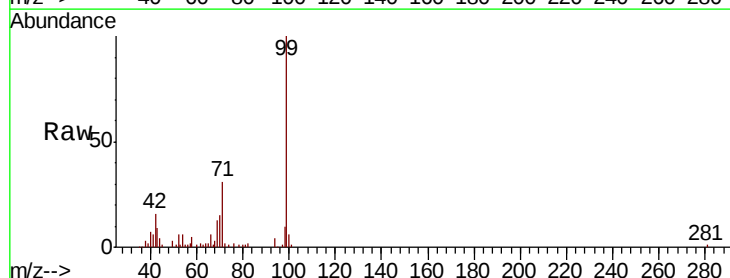
Tgt Ion: 94 Resp: 3259

Ion Ratio Lower Upper

94 100

65 47.2 8.9 48.9

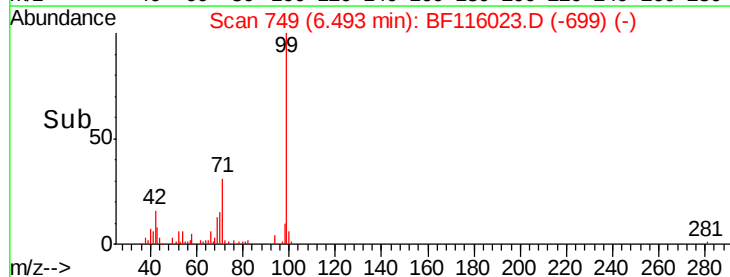
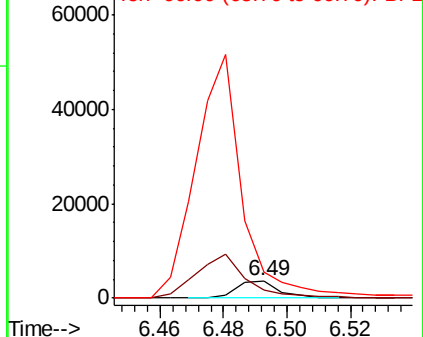
66 153.8 18.0 58.0#

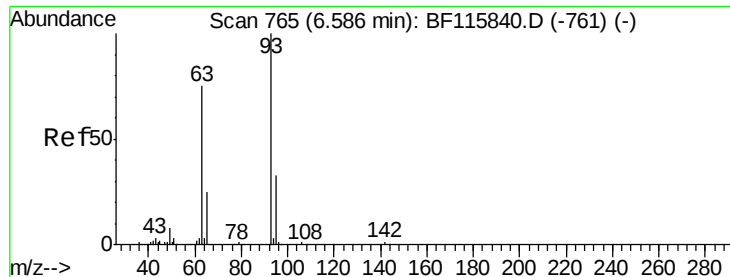


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

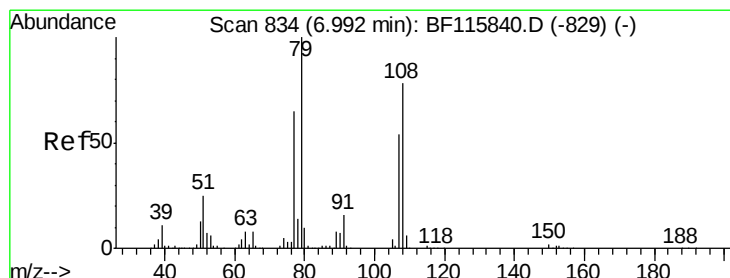
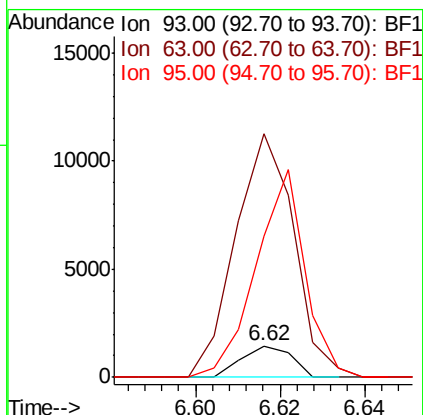
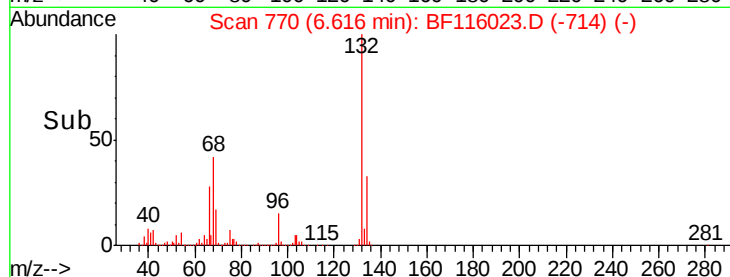
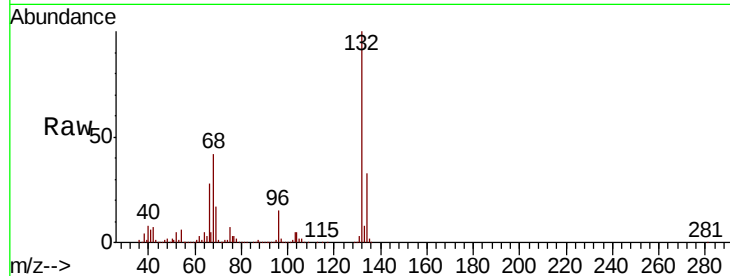




#11
bis(2-Chloroethyl)ether
Concen: 0.145 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

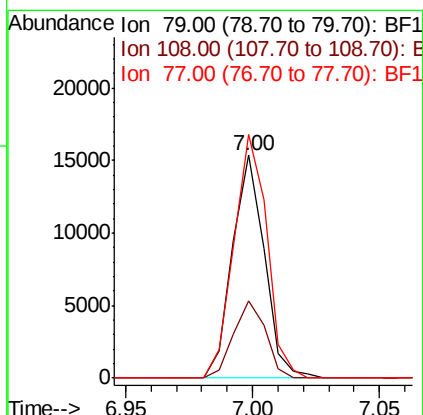
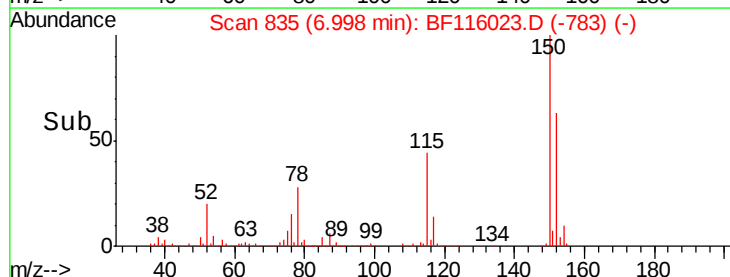
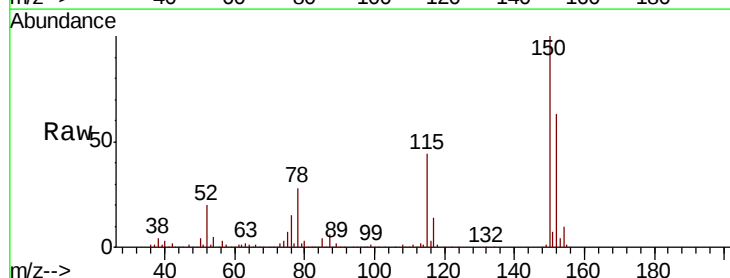
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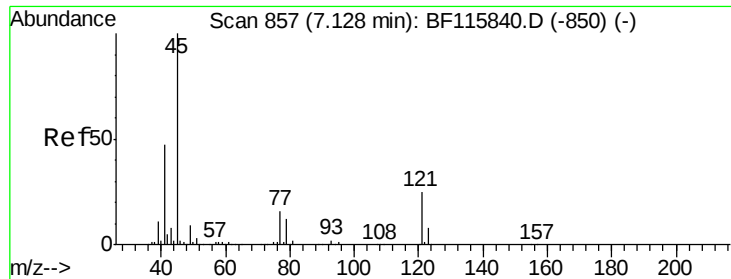
Tot Ion: 93 Resp: 1191
Ion Ratio Lower Upper
93 100
63 782.2 54.9 94.9#
95 452.4 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.868 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

Tgt Ion: 79 Resp: 13462
Ion Ratio Lower Upper
79 100
108 34.7 62.8 94.2#
77 109.2 52.0 78.0#

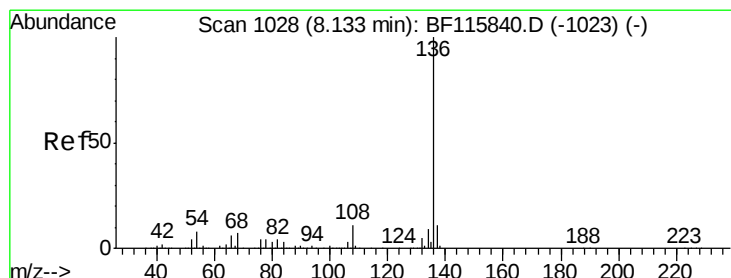
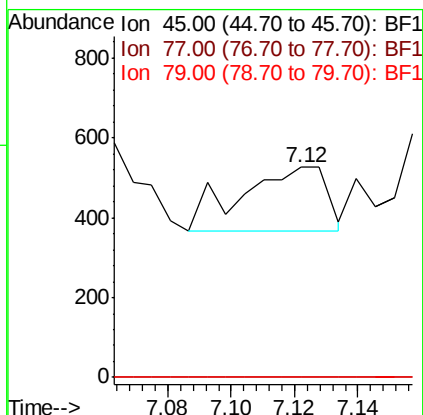
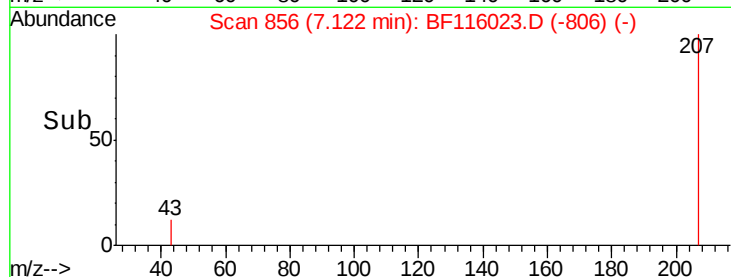
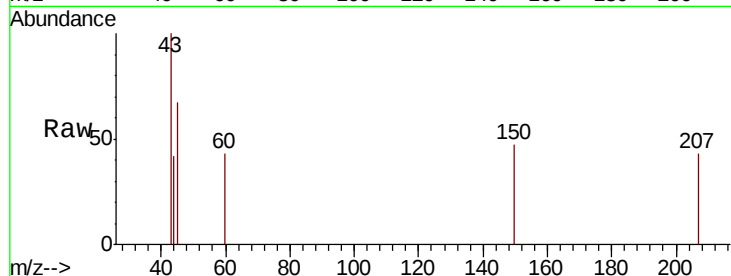




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.027 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

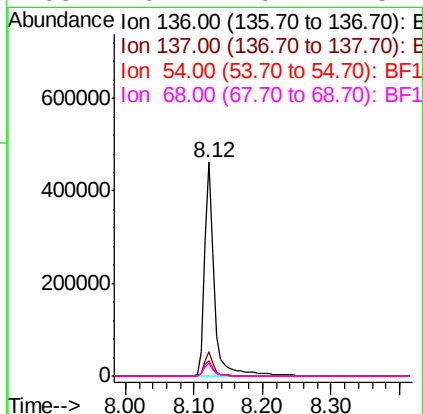
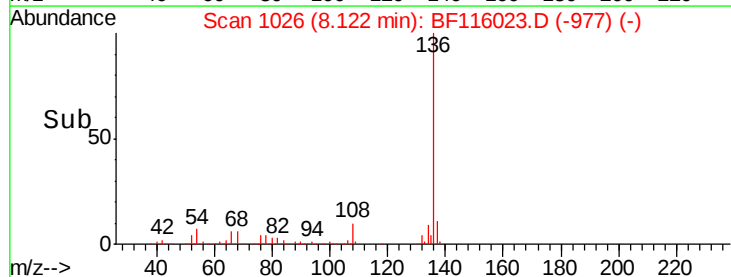
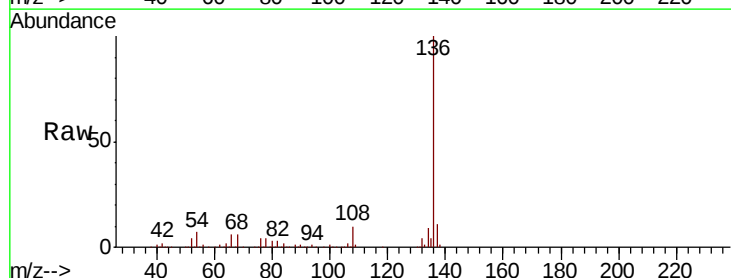
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

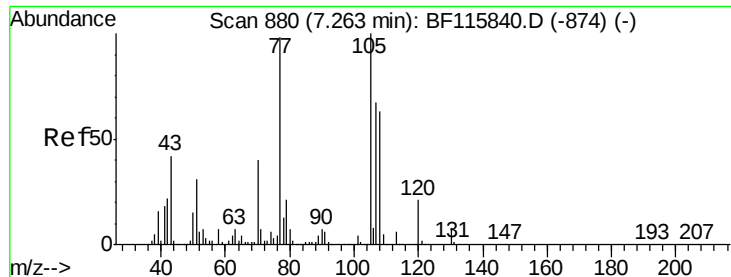
Tot Ion: 45 Resp: 304
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

Tgt Ion: 136 Resp: 475198
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.1 6.1 9.1
68 6.1 5.4 8.2





#22

Acetophenone

Concen: 0.060 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

Tot Ion:105 Resp: 628

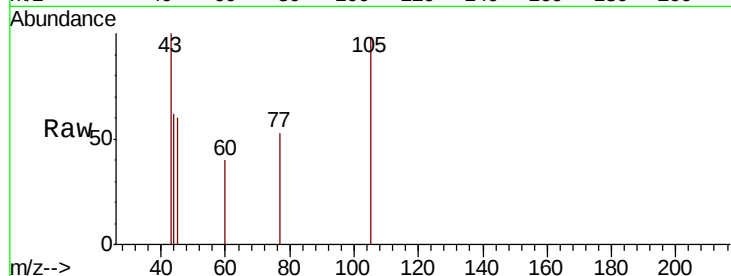
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 24.6 36.8#

120 0.0 17.0 25.6#

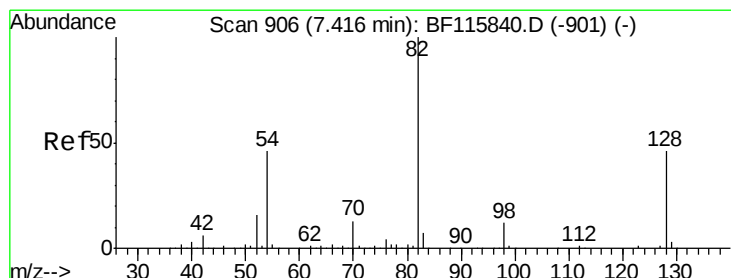
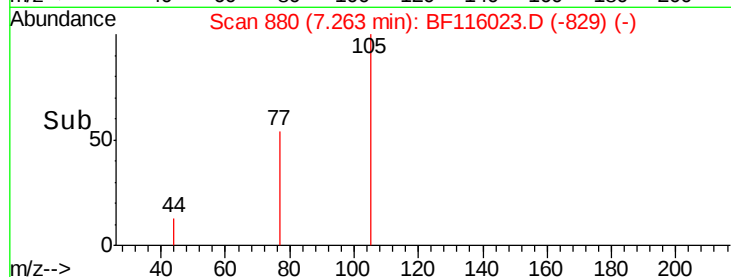
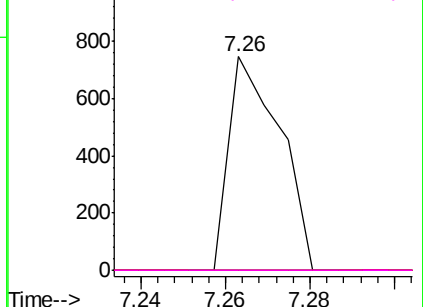


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 99.697 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

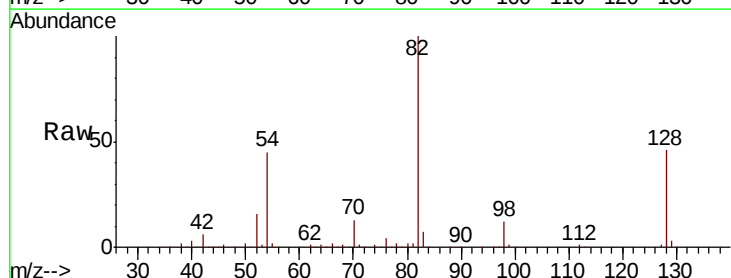
Tgt Ion: 82 Resp: 820746

Ion Ratio Lower Upper

82 100

128 46.3 36.6 55.0

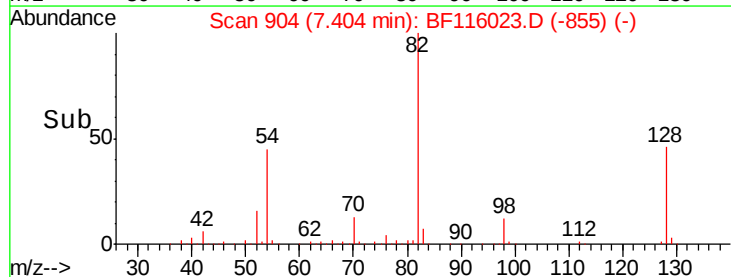
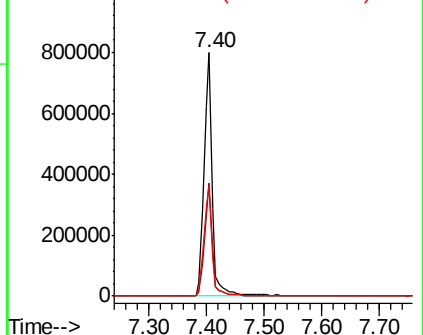
54 45.2 36.6 55.0

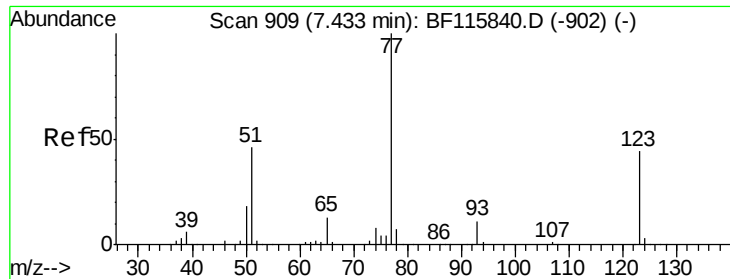


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.246 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

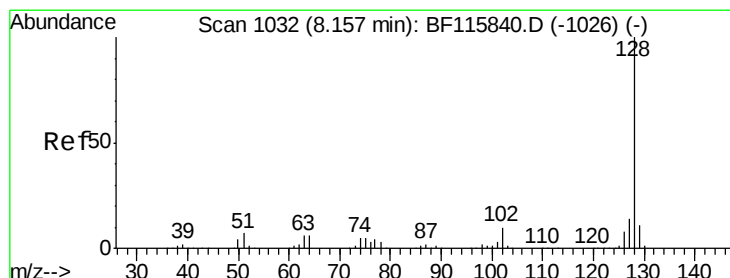
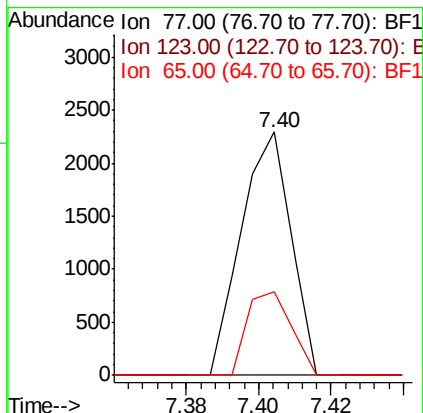
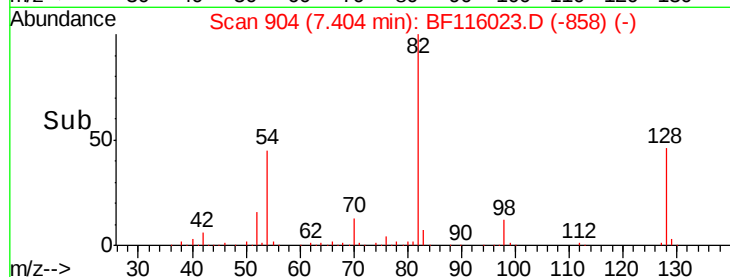
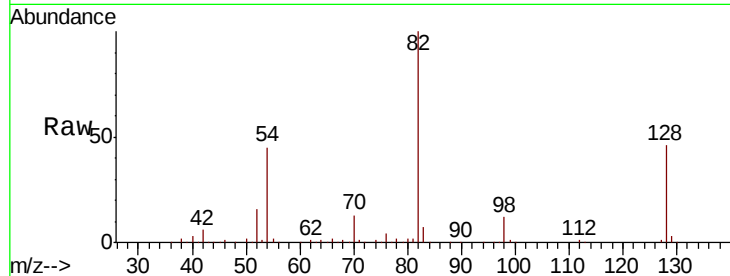
Tot Ion: 77 Resp: 2185

Ion Ratio Lower Upper

77 100

123 0.0 35.5 53.3#

65 34.4 10.6 15.8#



#31

Naphthalene

Concen: 0.030 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

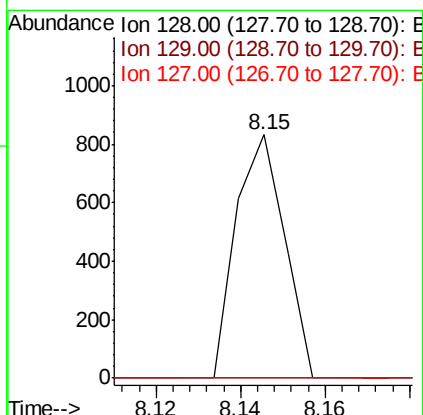
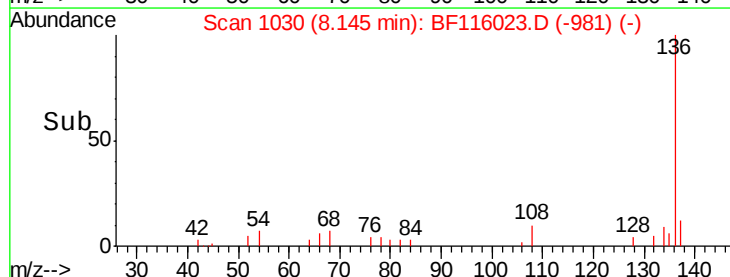
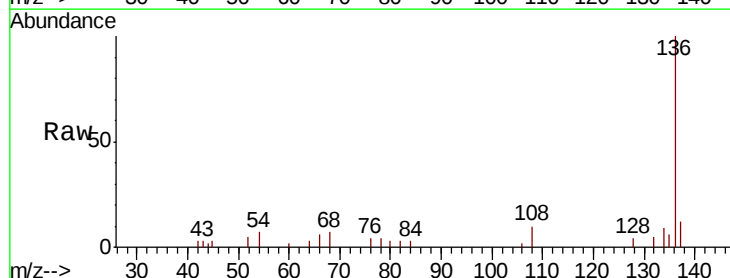
Tgt Ion: 128 Resp: 660

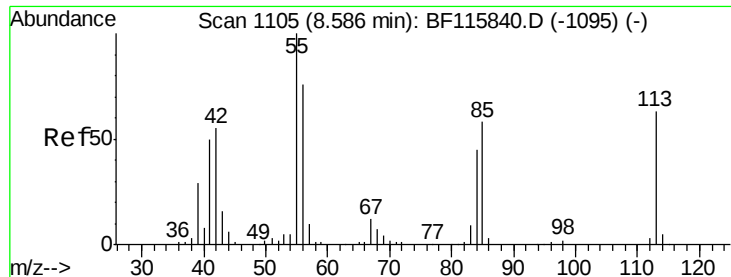
Ion Ratio Lower Upper

128 100

129 0.0 9.2 13.8#

127 0.0 11.0 16.4#

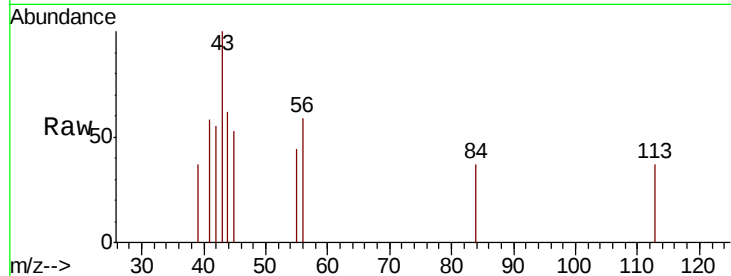




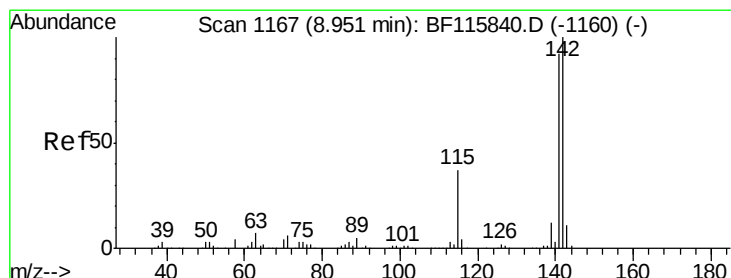
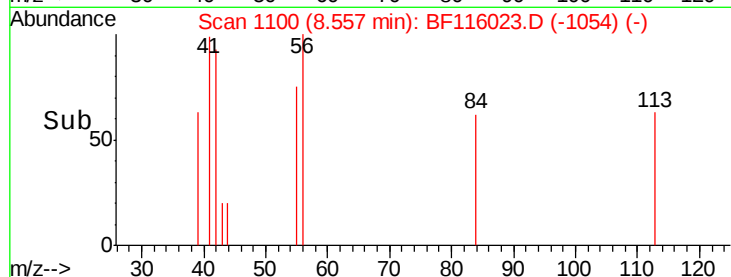
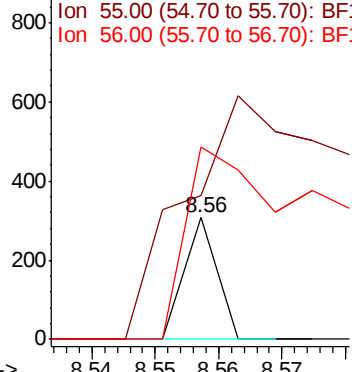
#35
Caprolactam
Concen: 0.051 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.03 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

Tot Ion:113 Resp: 109
Ion Ratio Lower Upper
113 100
55 118.5 138.1 178.1#
56 157.8 100.6 140.6#

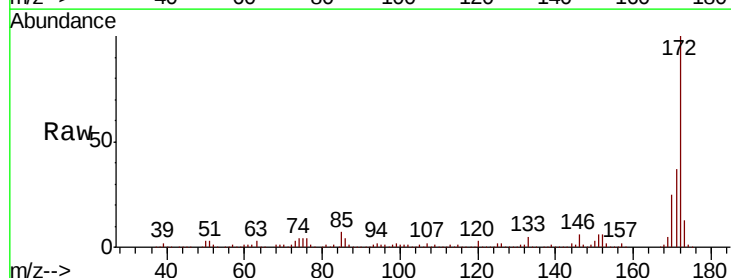


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

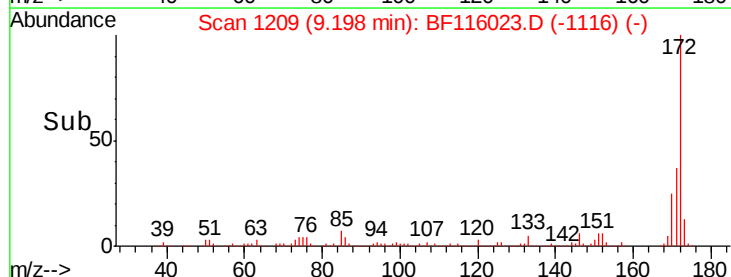
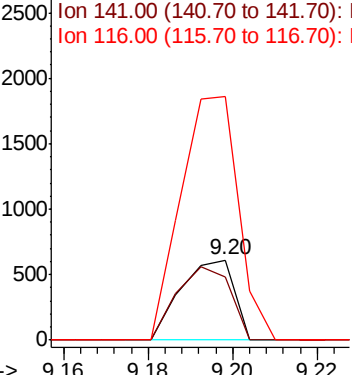


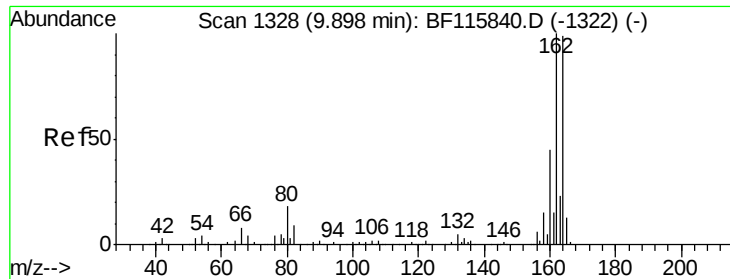
#38
1-Methylnaphthalene
Concen: 0.039 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.25 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
141 79.4 73.8 110.6
116 304.3 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

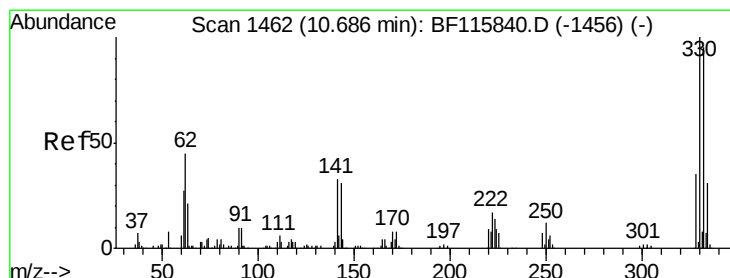
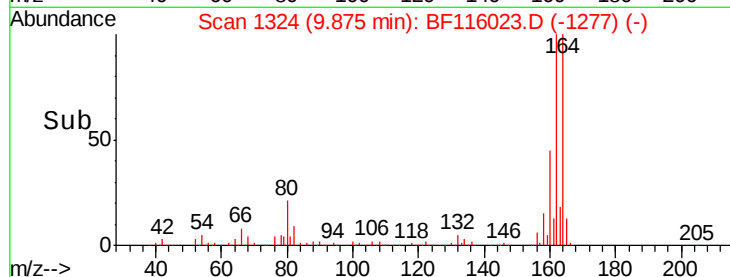
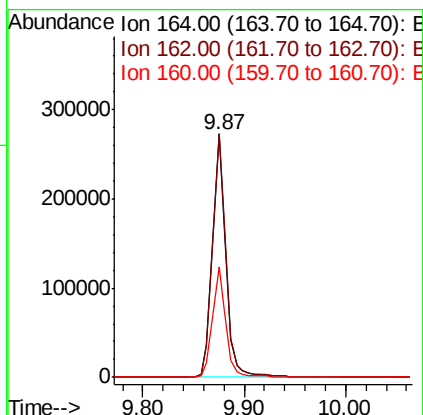
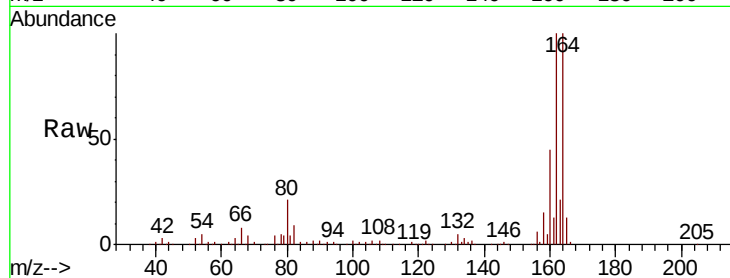




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

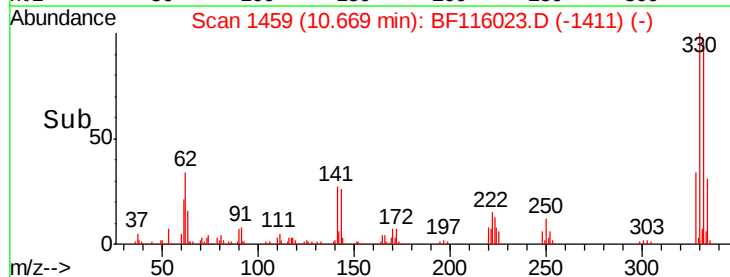
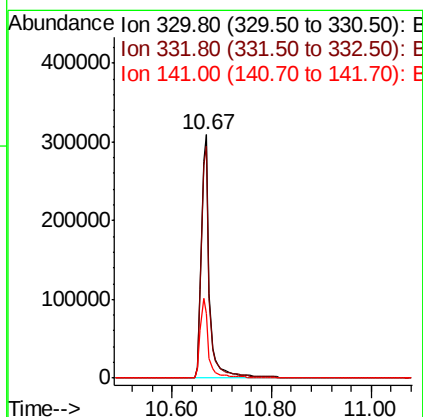
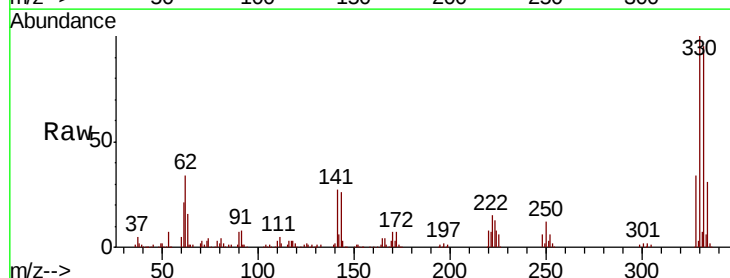
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

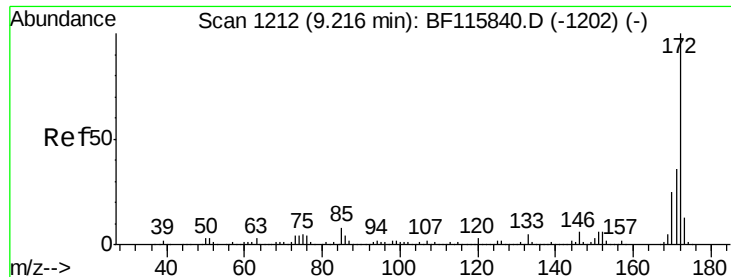
Tot Ion:164 Resp: 254768
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.8 121.2
 160 45.3 36.2 54.4



#42
 2,4,6-Tribromophenol
 Concen: 142.655 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Tgt Ion:330 Resp: 352364
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.7 116.5
 141 33.7 28.1 42.1



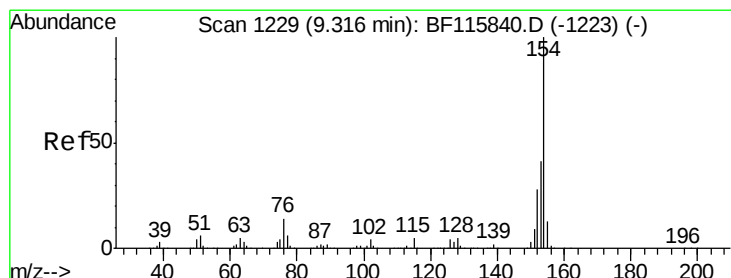
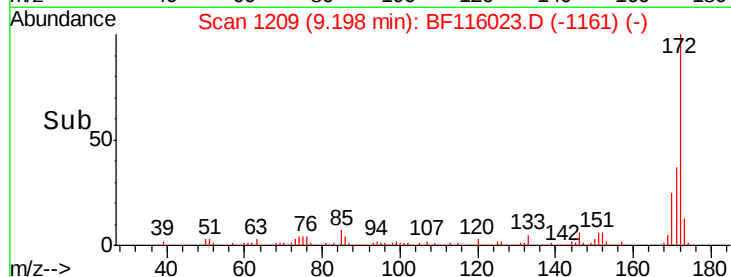
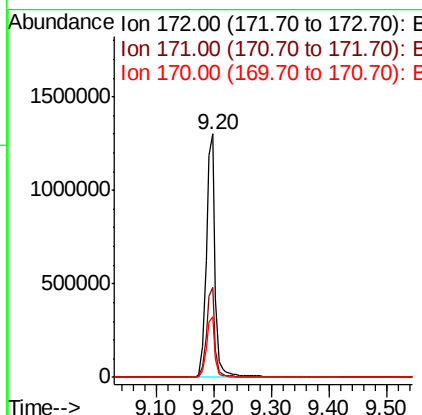
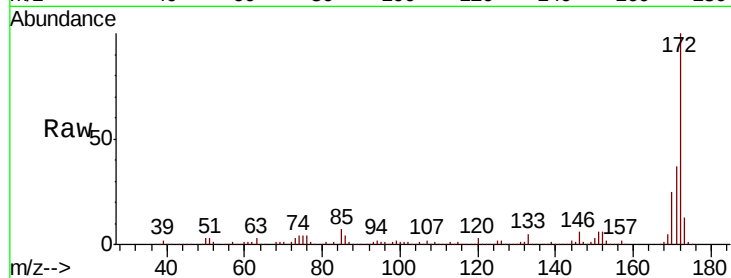


#45
 2-Fluorobiphenyl
 Concen: 104.279 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Tot Ion:172 Resp: 1418357

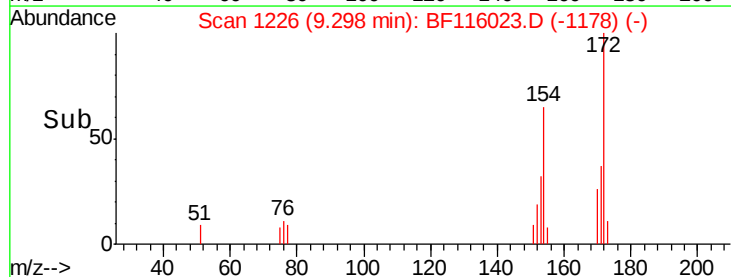
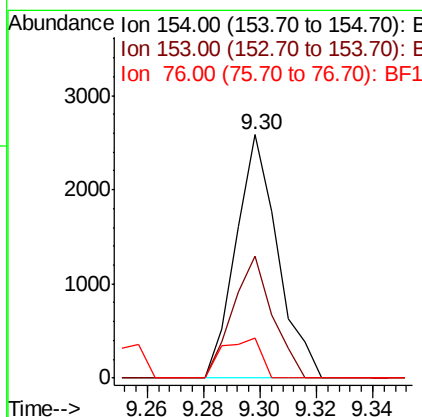
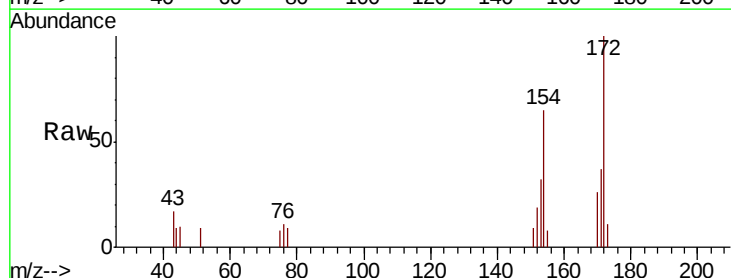
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.0	20.1	30.1

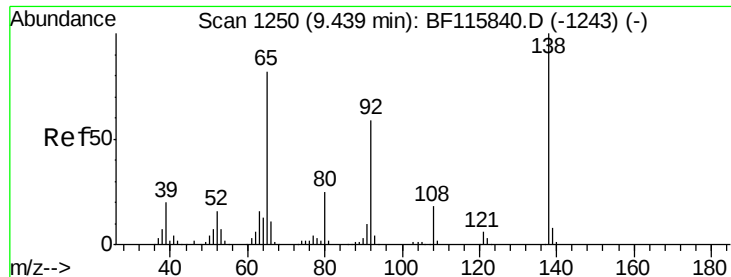


#46
 1,1'-Biphenyl
 Concen: 0.147 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Tgt Ion:154 Resp: 2651

Ion	Ratio	Lower	Upper
154	100		
153	49.9	20.9	60.9
76	16.4	0.0	34.3





#48

2-Nitroaniline

Concen: 0.448 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.25 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

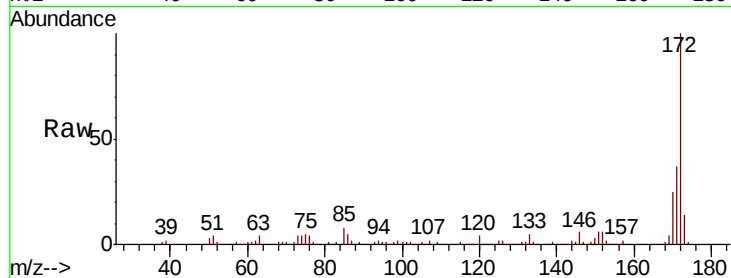
Tot Ion: 65 Resp: 2215

Ion Ratio Lower Upper

65 100

92 224.2 57.1 85.7#

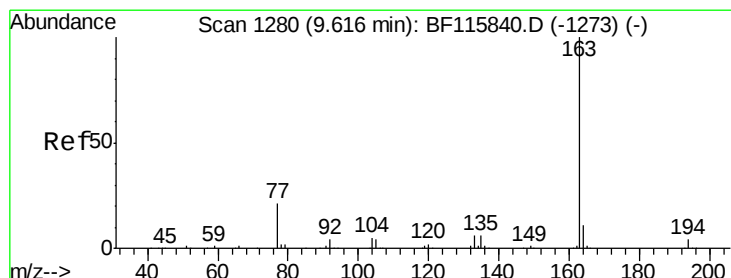
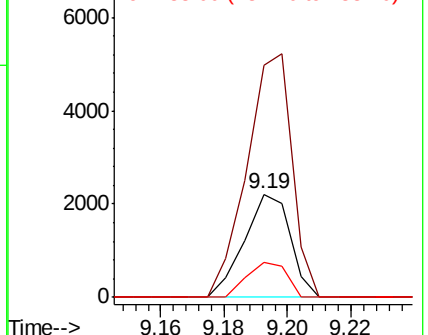
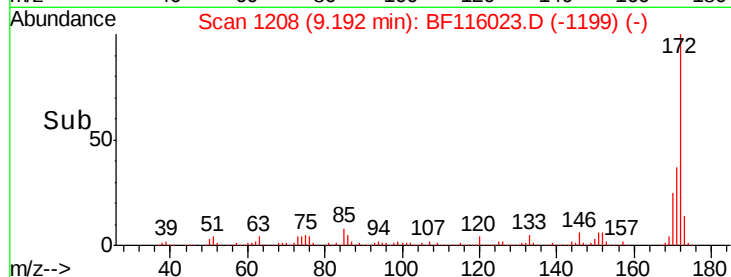
138 34.3 97.1 145.7#



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



#50

Dimethylphthalate

Concen: 0.617 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

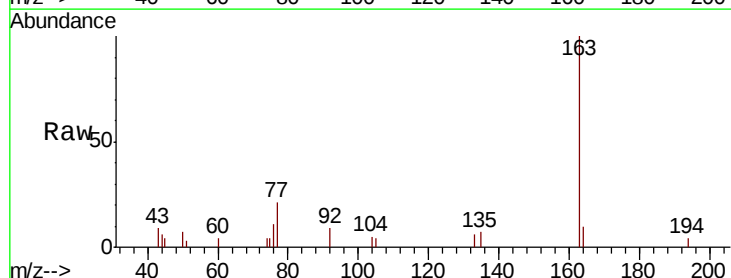
Tgt Ion:163 Resp: 10710

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

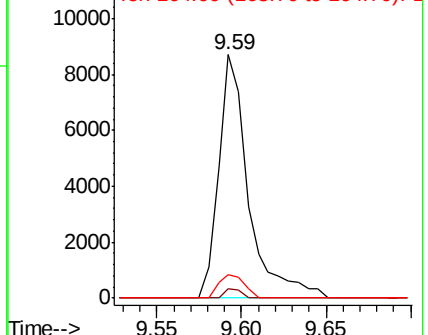
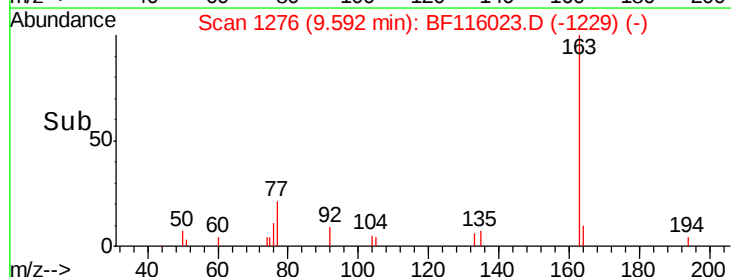
164 9.8 8.4 12.6

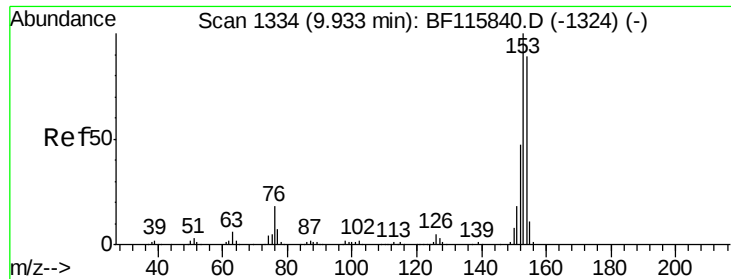


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.032 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

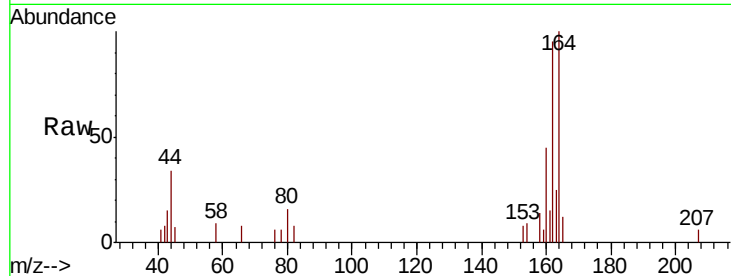
Tot Ion:154 Resp: 435

Ion Ratio Lower Upper

154 100

153 88.7 90.1 135.1#

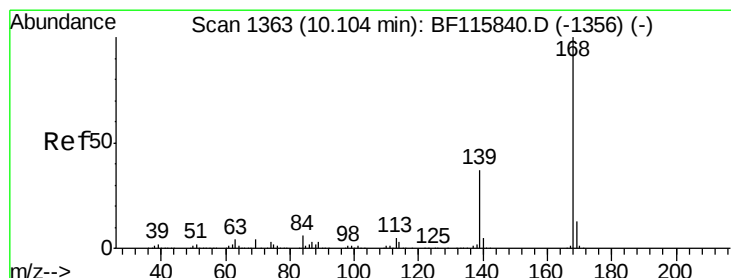
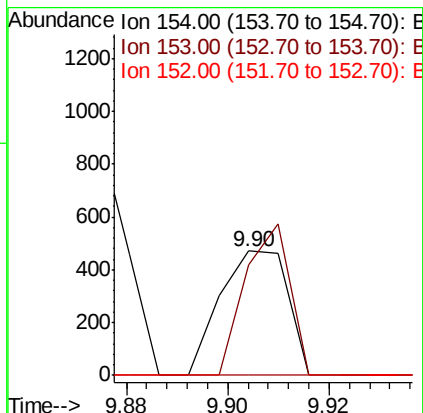
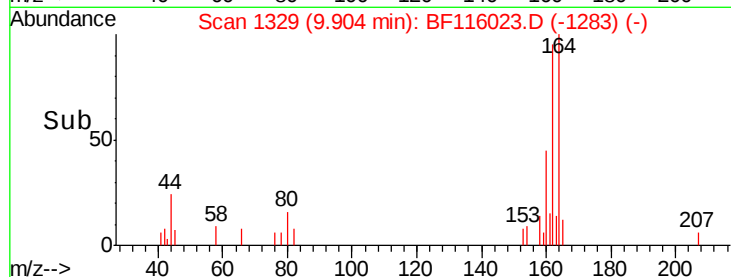
152 0.0 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.006 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

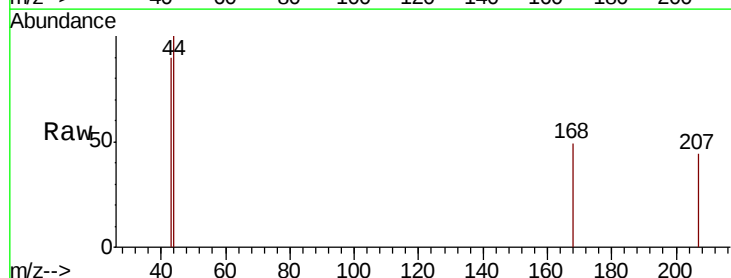
Tgt Ion:168 Resp: 122

Ion Ratio Lower Upper

168 100

139 0.0 30.2 45.2#

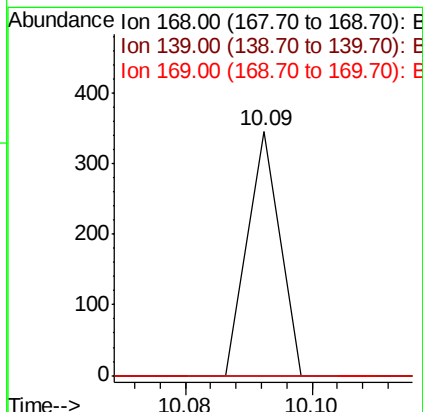
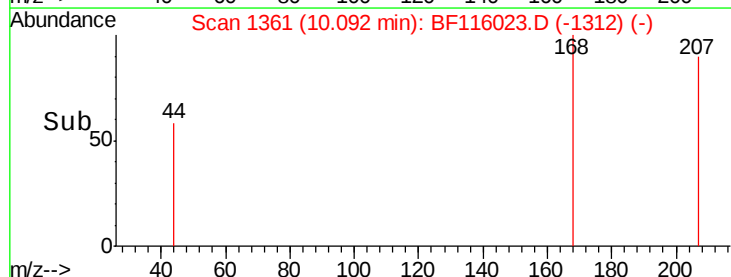
169 0.0 10.8 16.2#

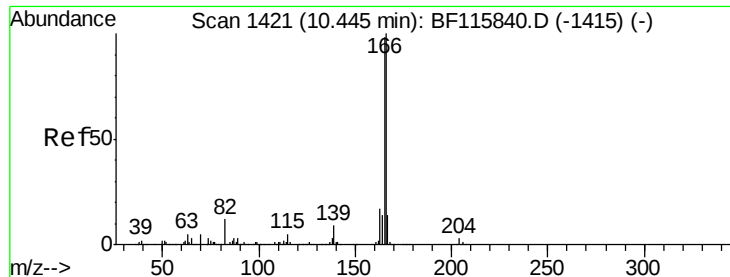


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.979 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.22 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

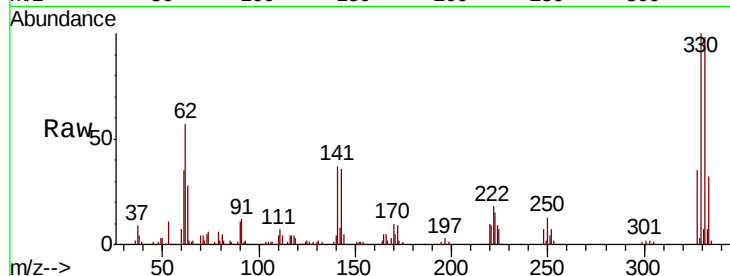
Tot Ion:166 Resp: 14675

Ion Ratio Lower Upper

166 100

165 101.1 78.6 118.0

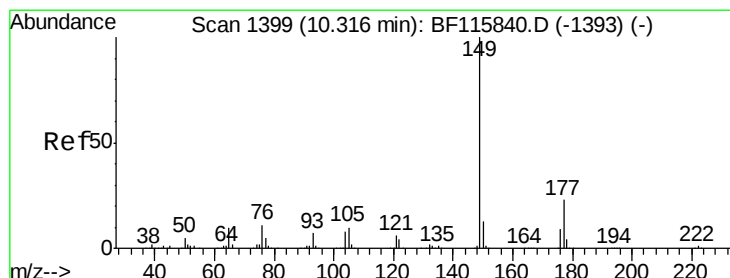
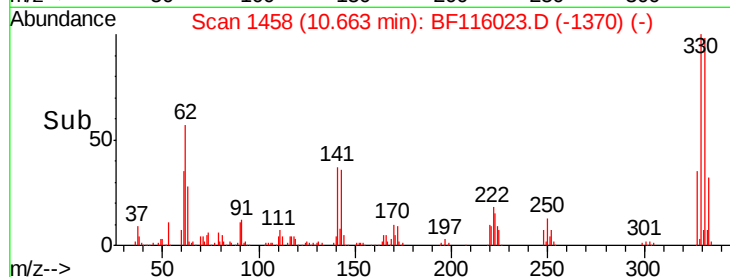
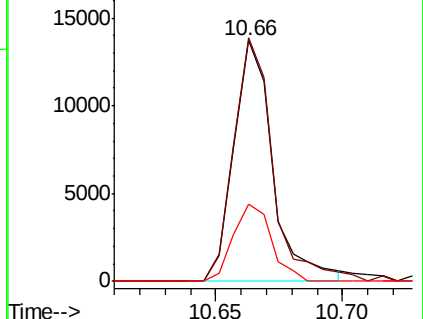
167 32.2 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.531 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.03 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

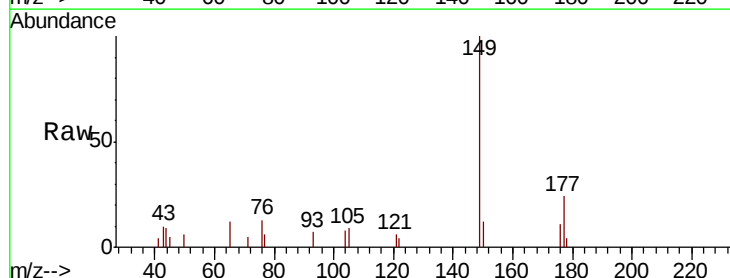
Tgt Ion:149 Resp: 8600

Ion Ratio Lower Upper

149 100

177 23.6 18.4 27.6

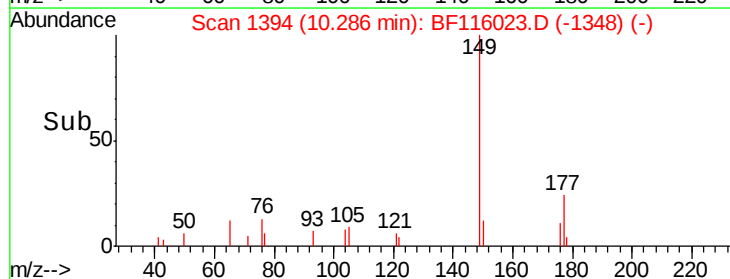
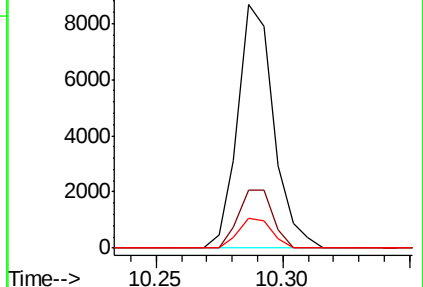
150 12.1 10.1 15.1

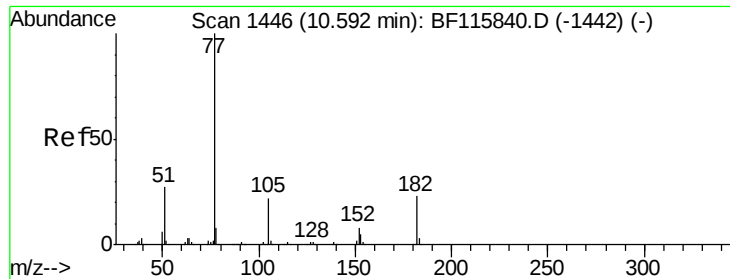


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.106 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.07 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

Tot Ion: 77 Resp: 1774

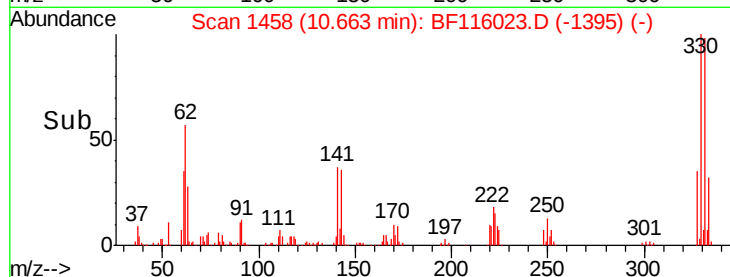
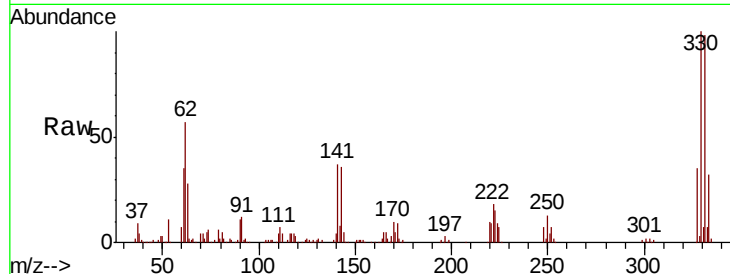
Ion Ratio Lower Upper

77 100

182 0.0 2.6 42.6#

105 91.7 1.6 41.6#

51 68.9 7.4 47.4#

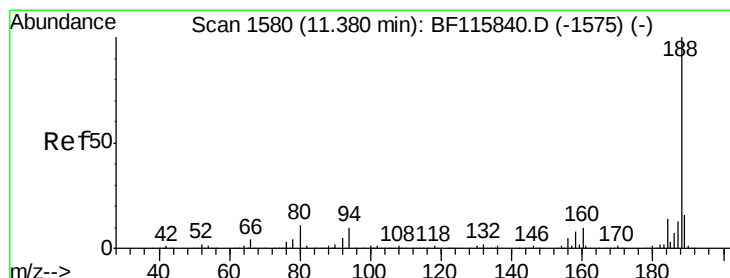
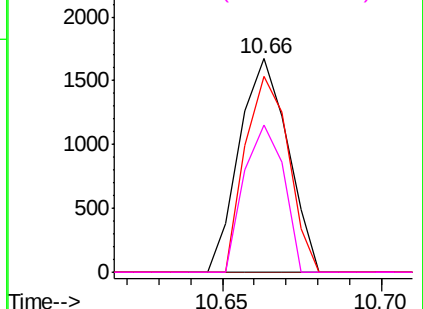


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

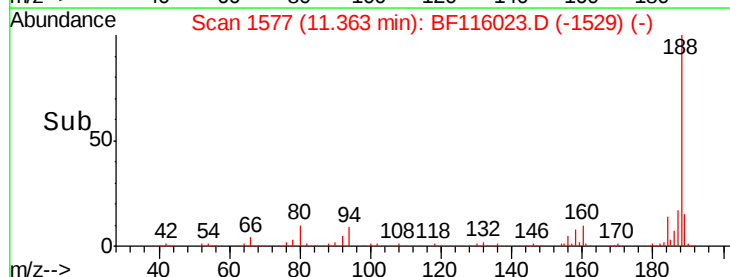
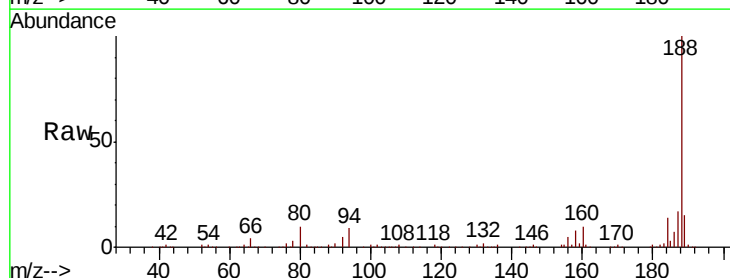
Tgt Ion: 188 Resp: 455364

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

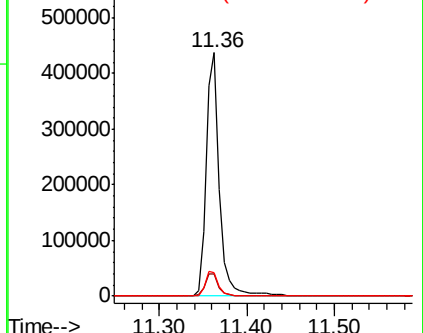
80 9.6 8.6 12.8

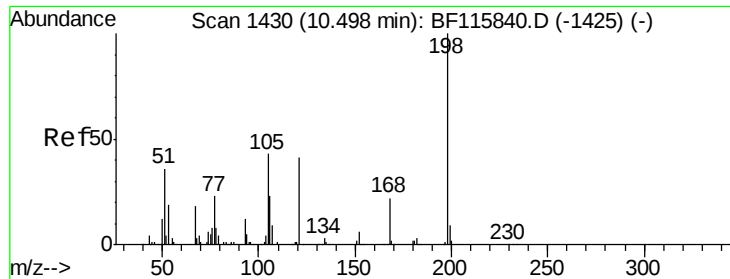


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 0.293 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.16 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

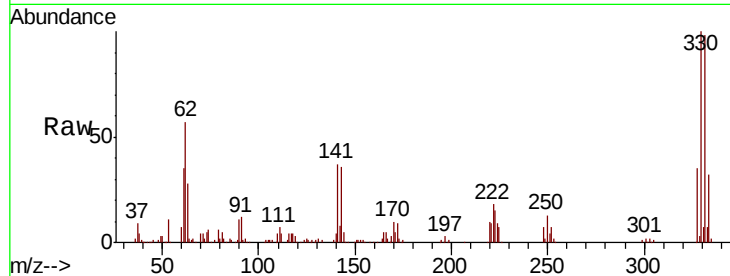
Tot Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 124.5 21.1 61.1#

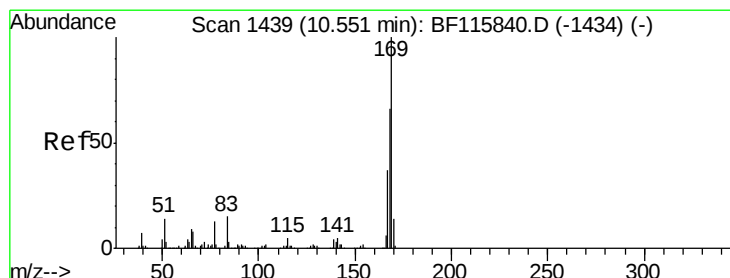
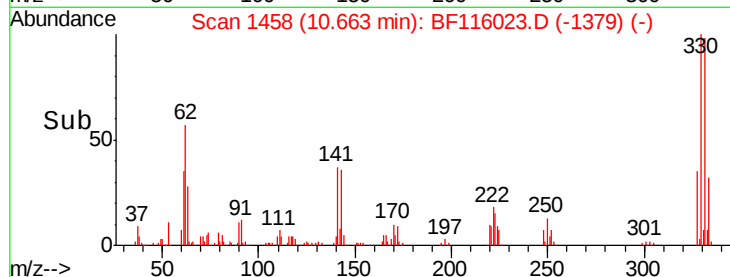
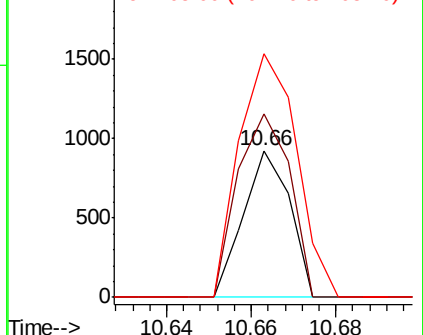
105 165.7 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.751 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.11 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

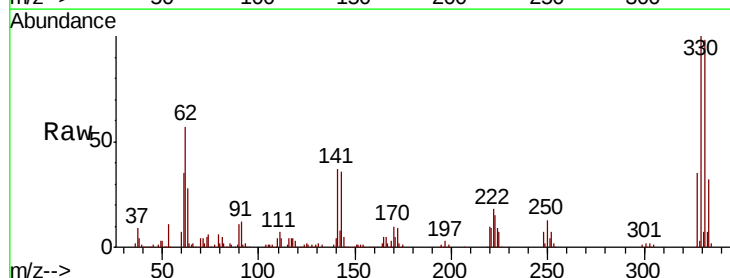
Tgt Ion:169 Resp: 10300

Ion Ratio Lower Upper

169 100

168 7.0 53.0 79.6#

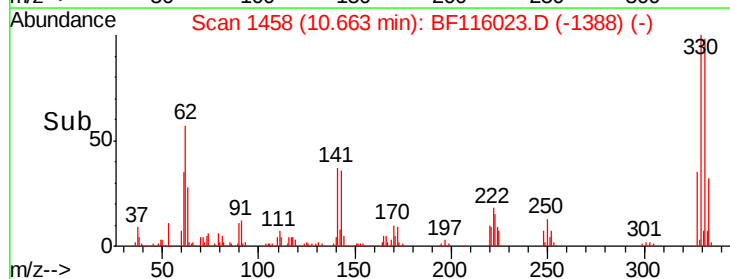
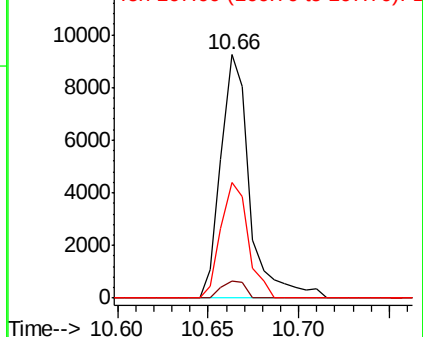
167 47.7 29.9 44.9#

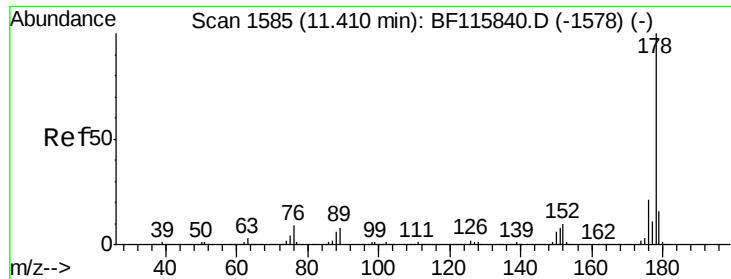


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

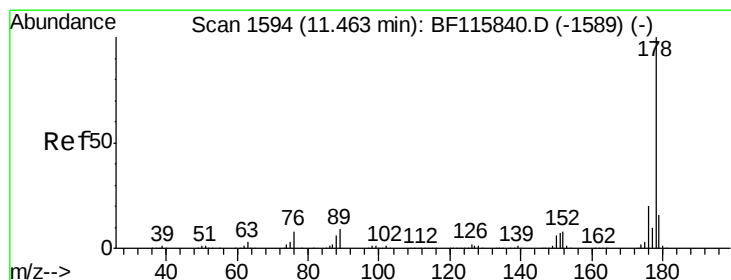
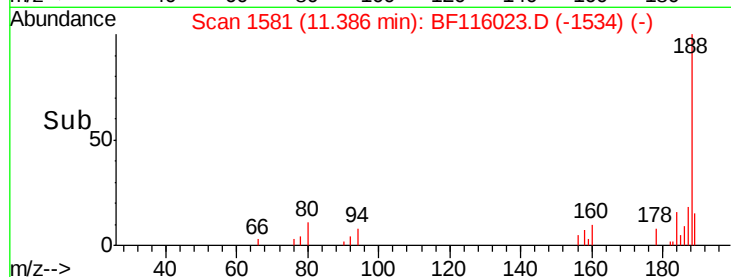
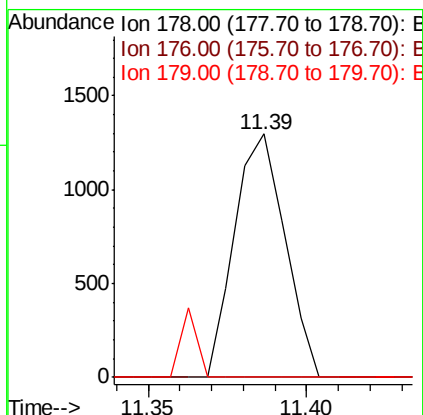
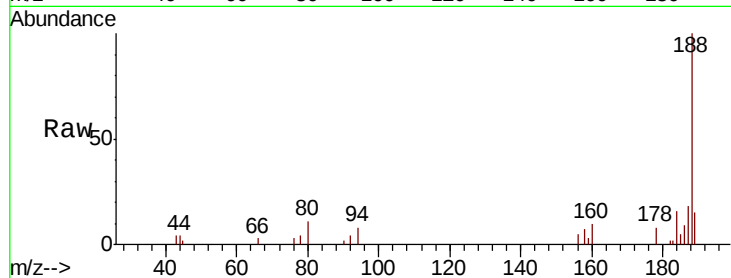




#71
 Phenanthrene
 Concen: 0.061 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

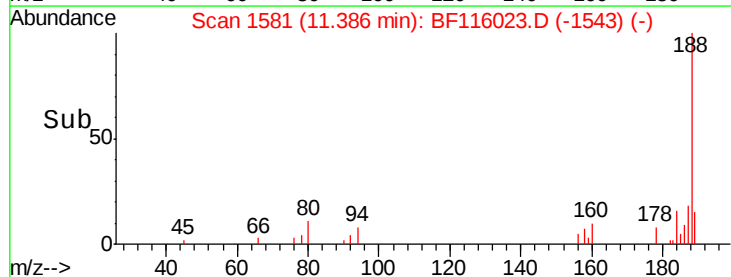
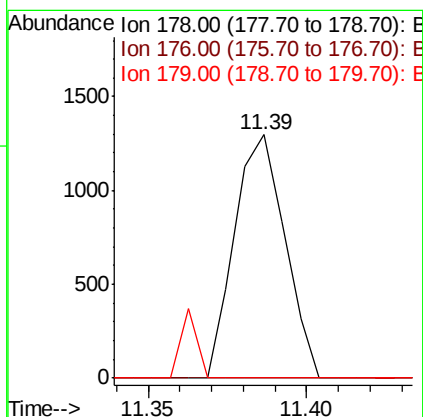
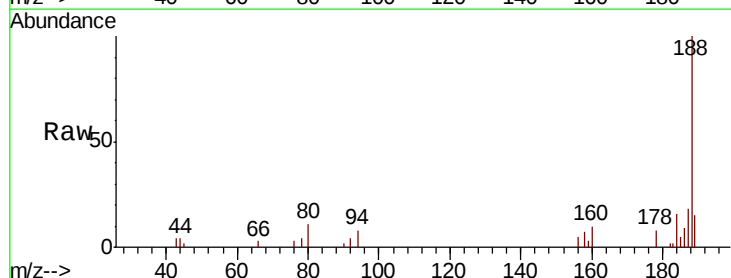
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

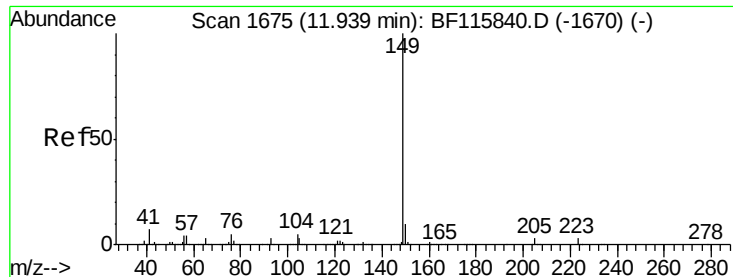
Tot Ion:178 Resp: 1427
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.5 24.7#
 179 0.0 12.6 18.8#



#72
 Anthracene
 Concen: 0.061 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.08 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Tgt Ion:178 Resp: 1427
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.4 18.6#

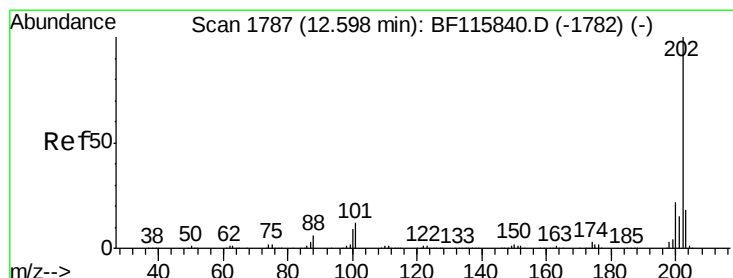
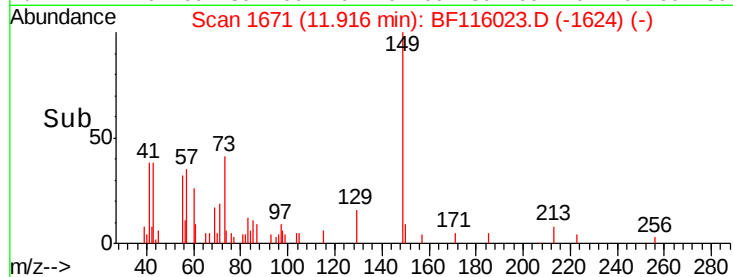
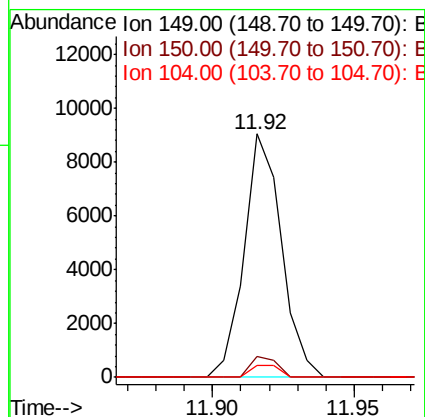
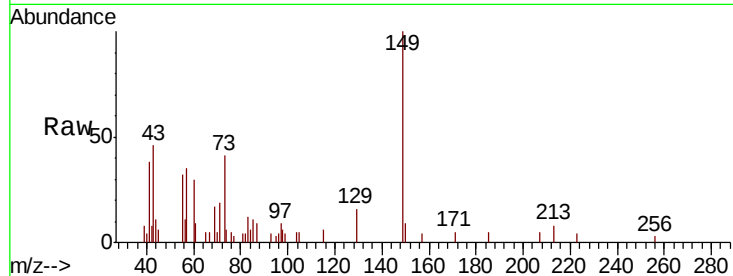




#74
Di-n-butylphthalate
Concen: 0.334 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

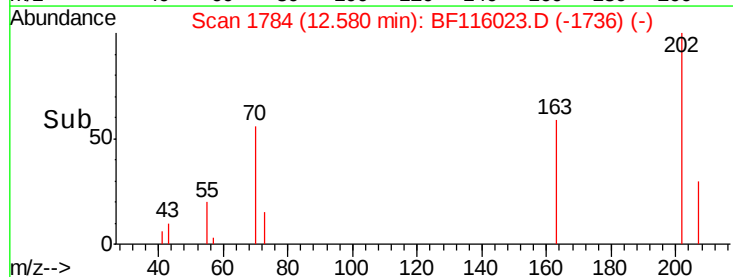
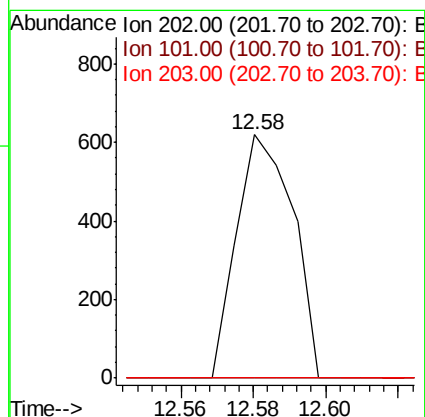
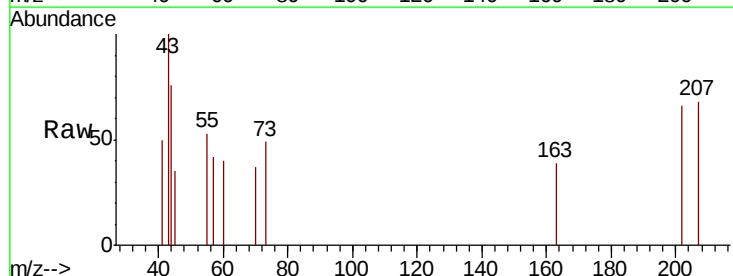
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

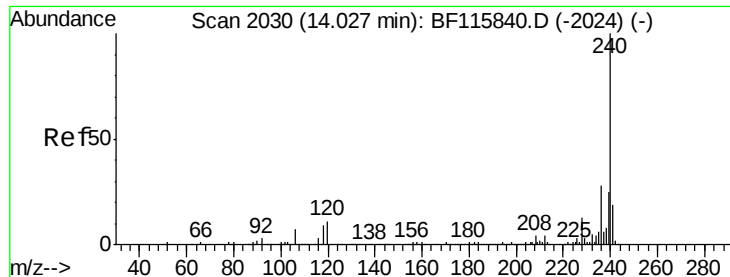
Tot Ion:149 Resp: 8333
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.8 4.3 6.5



#75
Fluoranthene
Concen: 0.027 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

Tgt Ion:202 Resp: 669
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 0.0 0.0 37.9

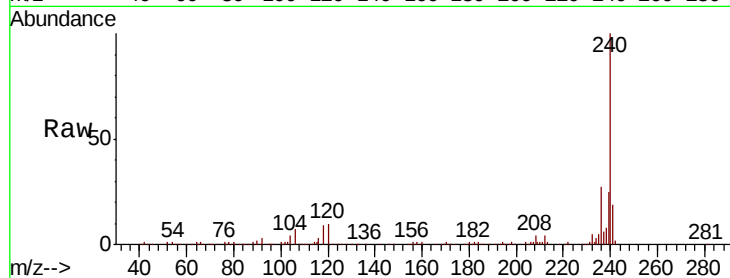




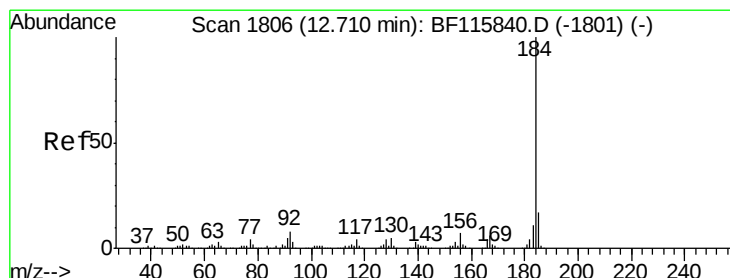
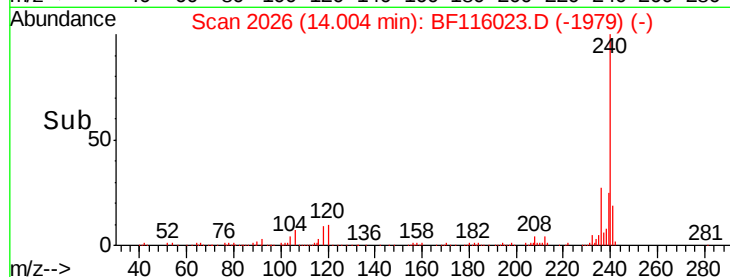
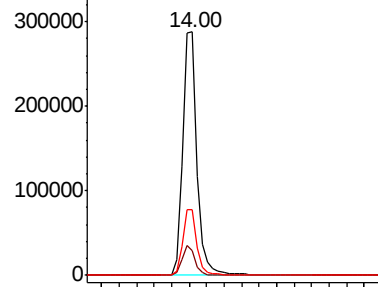
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMP

Tot Ion:240 Resp: 326482
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.5 12.7
 236 27.1 22.2 33.2

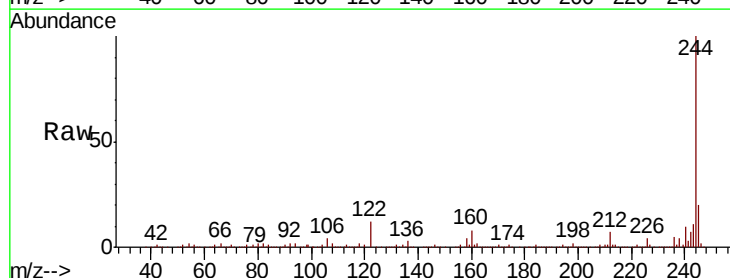


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

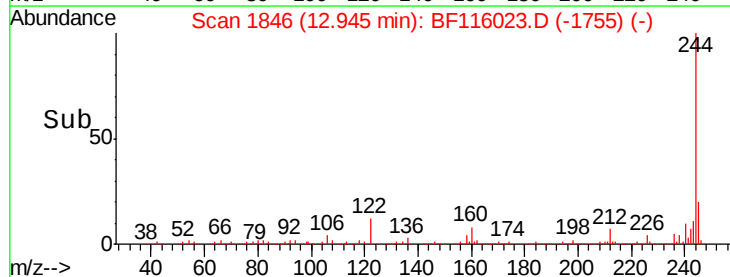
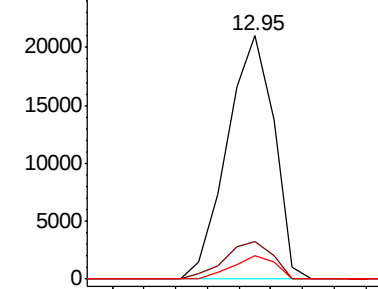


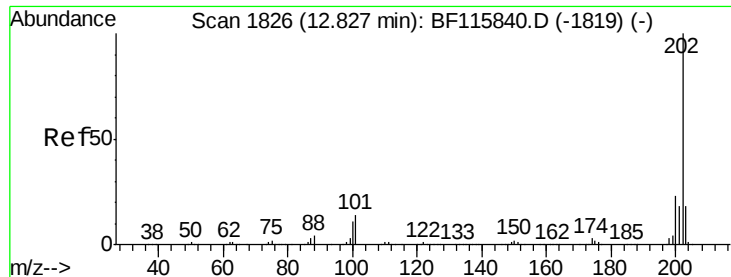
#77
 Benzidine
 Concen: 1.960 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.24 min
 Lab File: BF116023.D
 Acq: 6 Aug 2019 19:48

Tgt Ion:184 Resp: 21624
 Ion Ratio Lower Upper
 184 100
 185 15.5 13.4 20.2
 183 9.5 9.1 13.7



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: 0.019 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

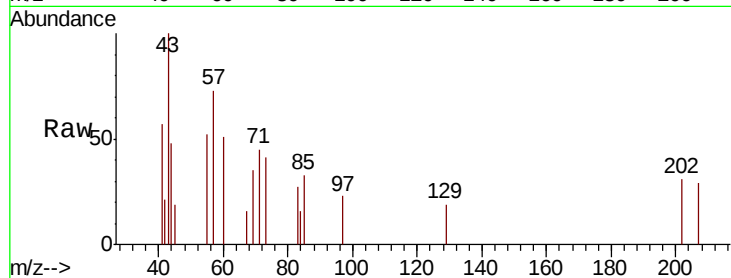
Tot Ion:202 Resp: 457

Ion Ratio Lower Upper

202 100

200 0.0 18.2 27.2#

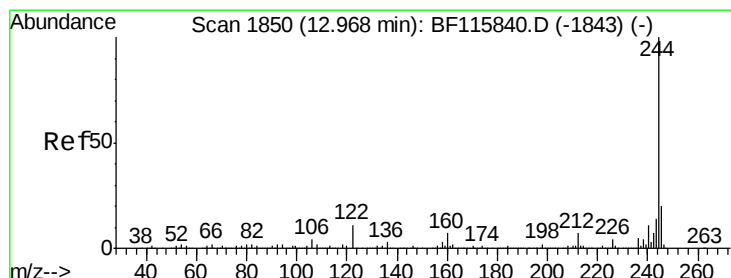
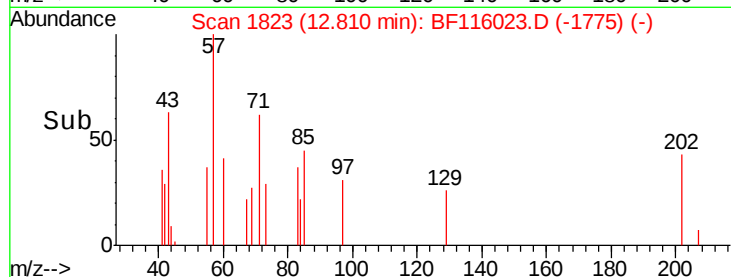
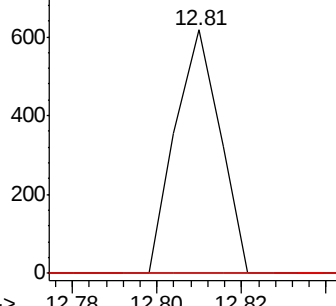
203 0.0 14.3 21.5#



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: 103.367 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

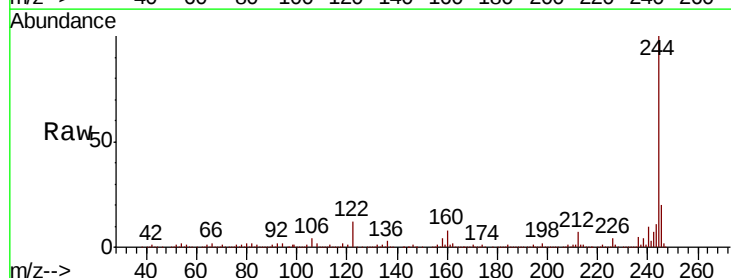
Tgt Ion:244 Resp: 1601559

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

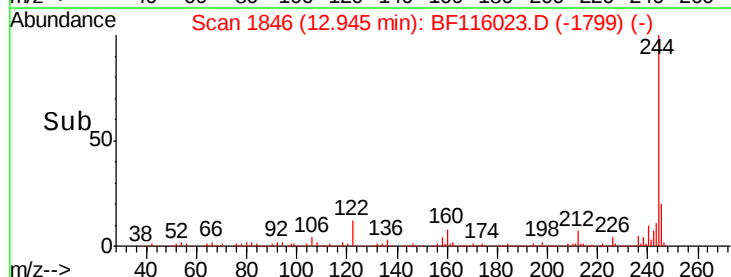
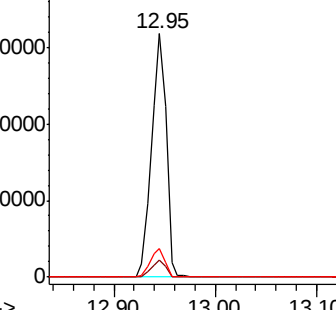
122 11.7 8.6 13.0

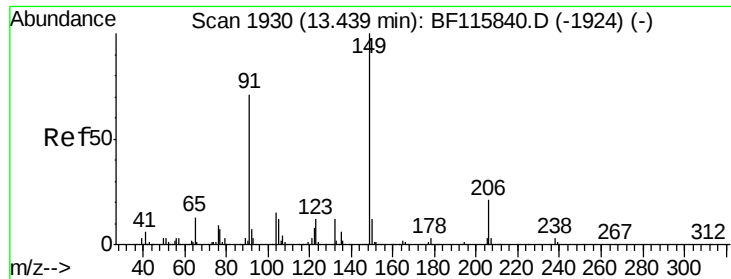


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

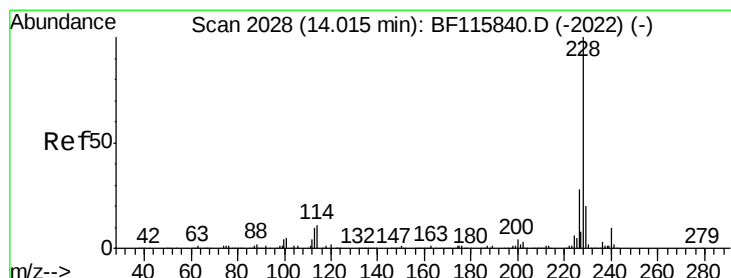
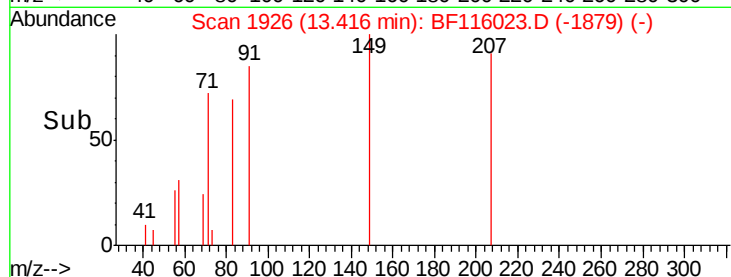
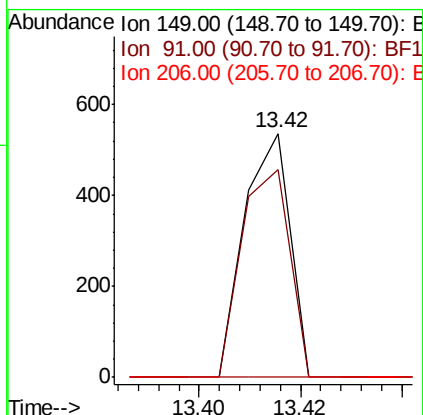
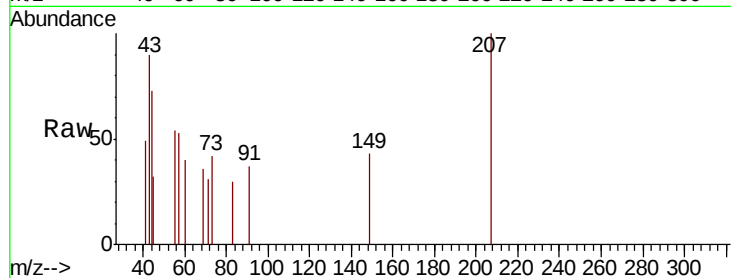




#80
Butylbenzylphthalate
Concen: 0.032 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

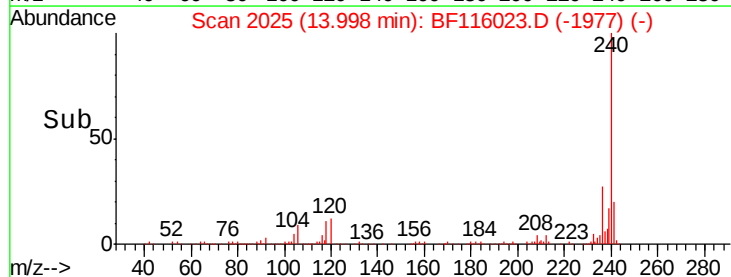
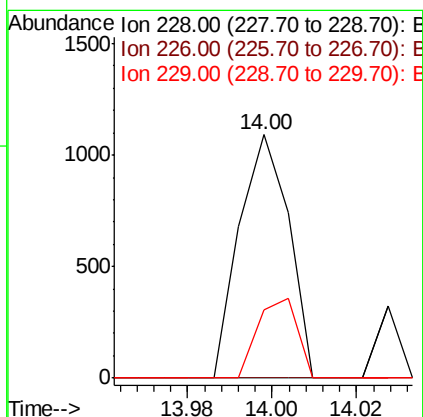
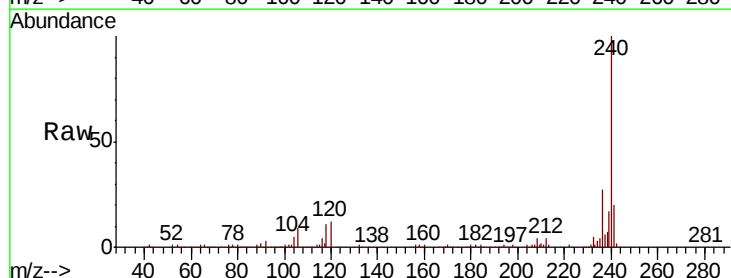
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMP

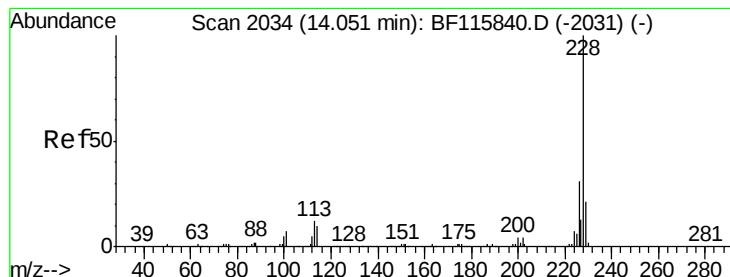
Tot Ion:149 Resp: 335
Ion Ratio Lower Upper
149 100
91 85.4 57.0 85.6
206 0.0 16.9 25.3#



#81
Benzo(a)anthracene
Concen: 0.043 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF116023.D
Acq: 6 Aug 2019 19:48

Tgt Ion:228 Resp: 887
Ion Ratio Lower Upper
228 100
226 0.0 22.5 33.7#
229 27.8 16.1 24.1#





#83

Chrysene

Concen: 0.006 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

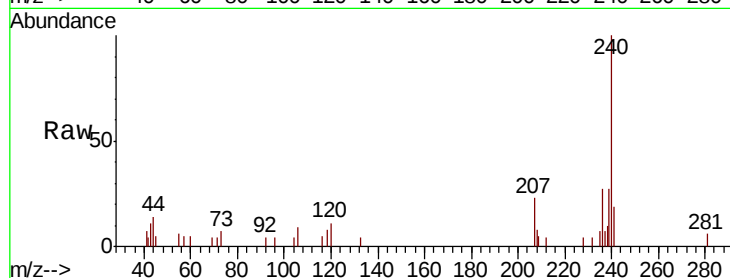
Tot Ion:228 Resp: 114

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

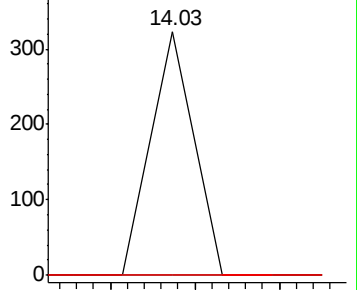
229 0.0 16.4 24.6#



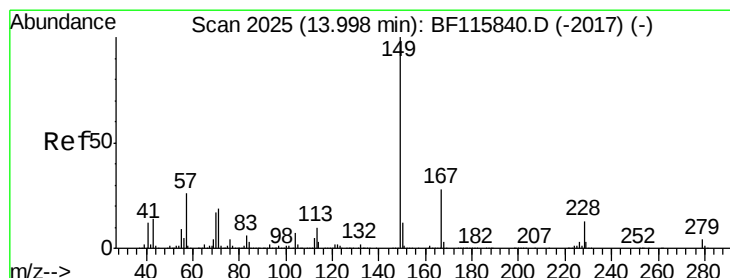
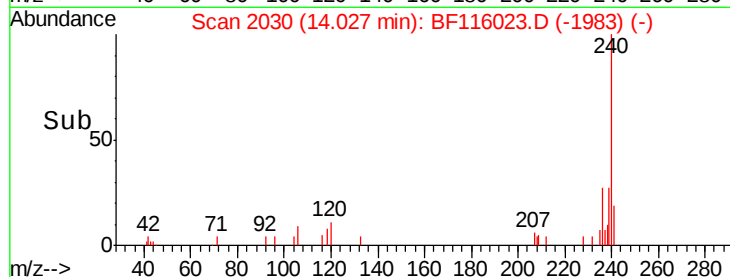
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

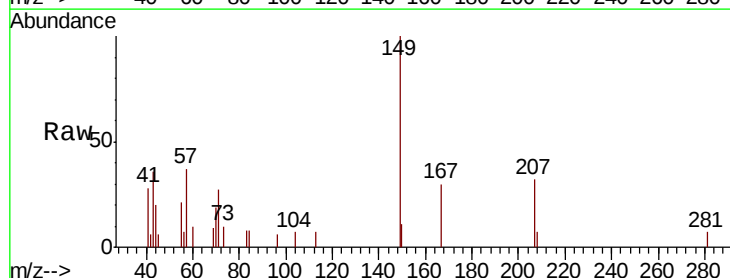
Tgt Ion:149 Resp: 5069

Ion Ratio Lower Upper

149 100

167 30.1 22.4 33.6

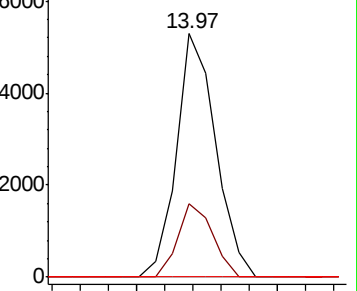
279 0.0 3.3 4.9#



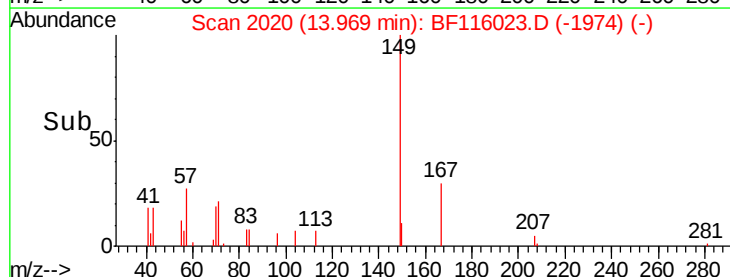
Abundance Ion 149.00 (148.70 to 149.70): E

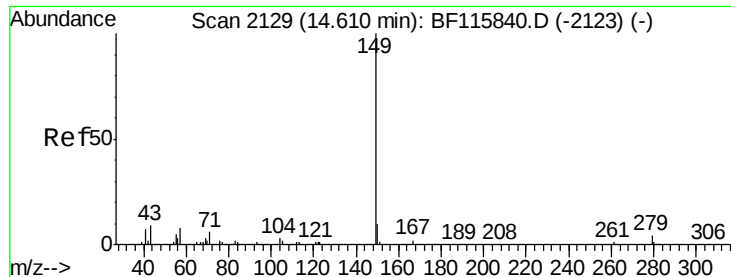
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 0.012 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

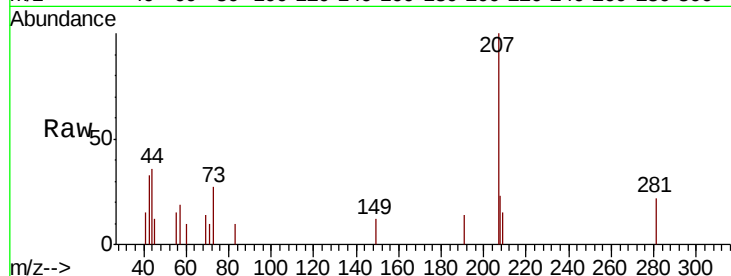
Tot Ion:149 Resp: 261

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

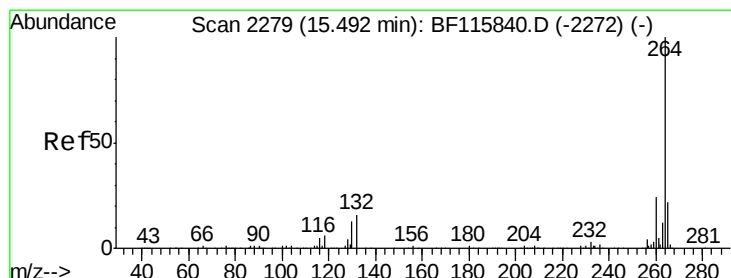
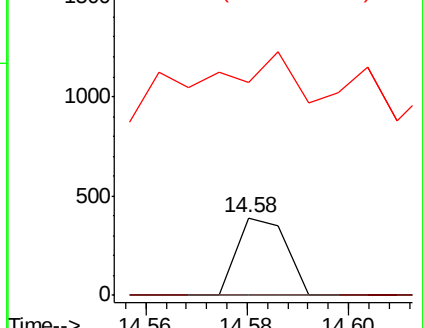
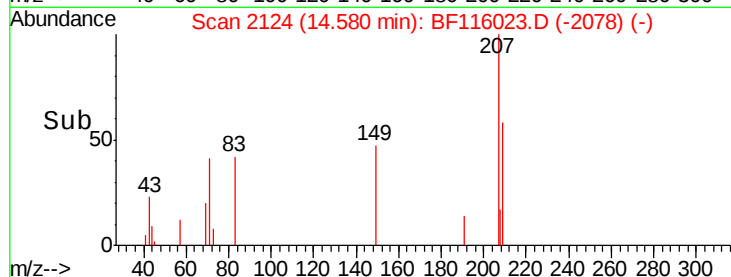
43 196.9 7.4 11.0#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

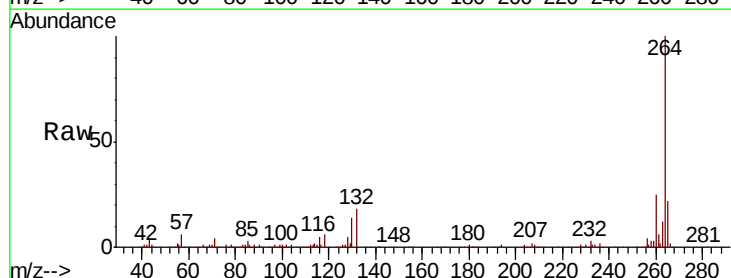
Tgt Ion:264 Resp: 350721

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

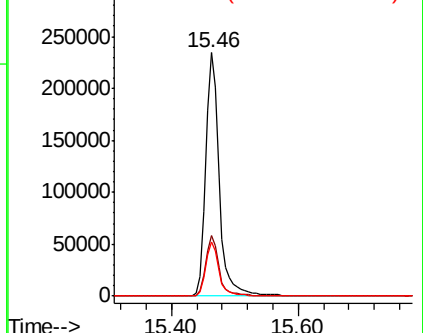
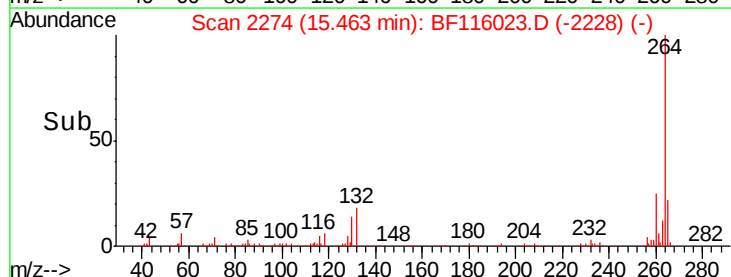
265 22.5 17.5 26.3

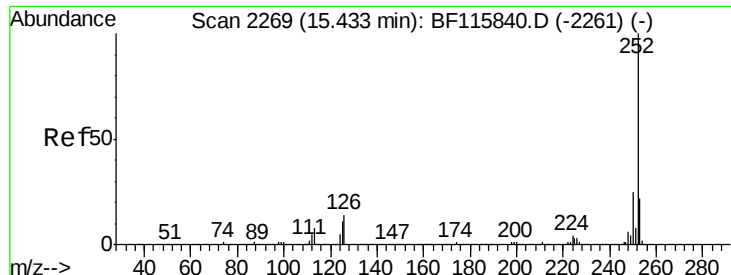


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.045 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.02 min

Lab File: BF116023.D

Acq: 6 Aug 2019 19:48

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMP

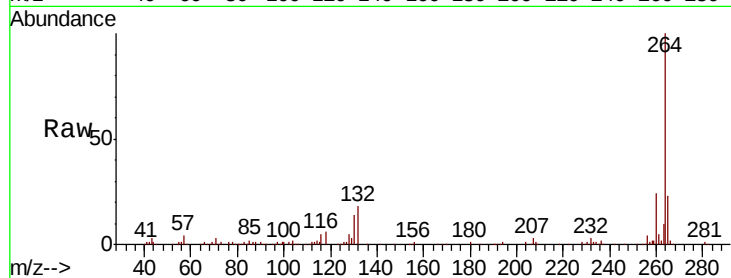
Tot Ion:252 Resp: 815

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 51.3 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

