

Data File : BF115251.D
Acq On : 27 Jun 2019 23:07
Operator : HP/JU
Sample : K3528-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Quant Time: Jun 28 05:01:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	222867	20.00	ng	-0.02
21) Naphthalene-d8	7.88	136	856191	20.00	ng	-0.02
39) Acenaphthene-d10	9.62	164	416908	20.00	ng	-0.03
64) Phenanthrene-d10	11.09	188	830934	20.00	ng	-0.03
76) Chrysene-d12	13.71	240	725231	20.00	ng	-0.04
87) Perylene-d12	15.07	264	786389	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1272877	88.14	ng	-0.02
7) Phenol-d6	6.24	99	1589401	90.67	ng	-0.02
23) Nitrobenzene-d5	7.15	82	932376	66.99	ng	-0.03
42) 2,4,6-Tribromophenol	10.40	330	314047	71.43	ng	-0.03
45) 2-Fluorobiphenyl	8.95	172	1694992	69.06	ng	-0.03
79) Terphenyl-d14	12.68	244	1956206	57.35	ng	-0.03

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.79	42	133	0.018	ng	# 1
6) Aniline	6.24	93	237	0.010	ng	# 1
8) 2-Chlorophenol	6.38	128	363	0.022	ng	# 1
9) Benzaldehyde	6.24	77	2589	0.226	ng	# 1
10) Phenol	6.24	94	10689	0.521	ng	# 68
11) bis(2-Chloroethyl)ether	6.37	93	1821	0.120	ng	# 1
15) Benzyl Alcohol	6.75	79	15738	1.233	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	6.82	45	113	0.005	ng	# 67
17) 2-Methylphenol	6.75	107	254	0.019	ng	# 1
19) n-Nitroso-di-n-propylamine	7.15	70	122510	10.916	ng	# 77
20) 3+4-Methylphenols	6.75	107	254	0.016	ng	# 1
24) Nitrobenzene	7.15	77	2806	0.183	ng	# 28
25) Isophorone	7.15	82	915262	32.101	ng	# 63
28) bis(2-Chloroethoxy)methane	7.88	93	131	0.007	ng	# 1
31) Naphthalene	7.90	128	132	0.003	ng	# 67
32) Benzoic acid	7.87	122	109	0.012	ng	# 1
35) Caprolactam	8.26	113	219	0.051	ng	# 23
38) 1-Methylnaphthalene	8.87	142	425	0.016	ng	# 1
46) 1,1'-Biphenyl	9.05	154	3041	0.091	ng	# 97
48) 2-Nitroaniline	9.34	65	2328	0.295	ng	# 1
49) Acenaphthylene	9.48	152	260	0.006	ng	# 59
50) Dimethylphthalate	9.35	163	252243	8.224	ng	# 98
51) 2,6-Dinitrotoluene	9.35	165	2804	0.396	ng	# 13
52) Acenaphthene	9.62	154	1368	0.052	ng	# 5
57) 2,4-Dinitrotoluene	9.62	165	53078	5.805	ng	# 30
58) Fluorene	10.40	166	14016	Below Cal		# 85
60) Diethylphthalate	10.05	149	2464	0.080	ng	# 98
63) Azobenzene	10.33	77	497	0.017	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.40	198	667	5.095	ng	# 1
66) n-Nitrosodiphenylamine	10.40	169	9304	0.359	ng	# 40
67) 4-Bromophenyl-phenylether	10.40	248	19345	2.147	ng	# 1
71) Phenanthrene	11.11	178	1932	0.043	ng	# 87
72) Anthracene	11.17	178	173	0.004	ng	# 59
73) Carbazole	11.32	167	279	0.007	ng	# 58

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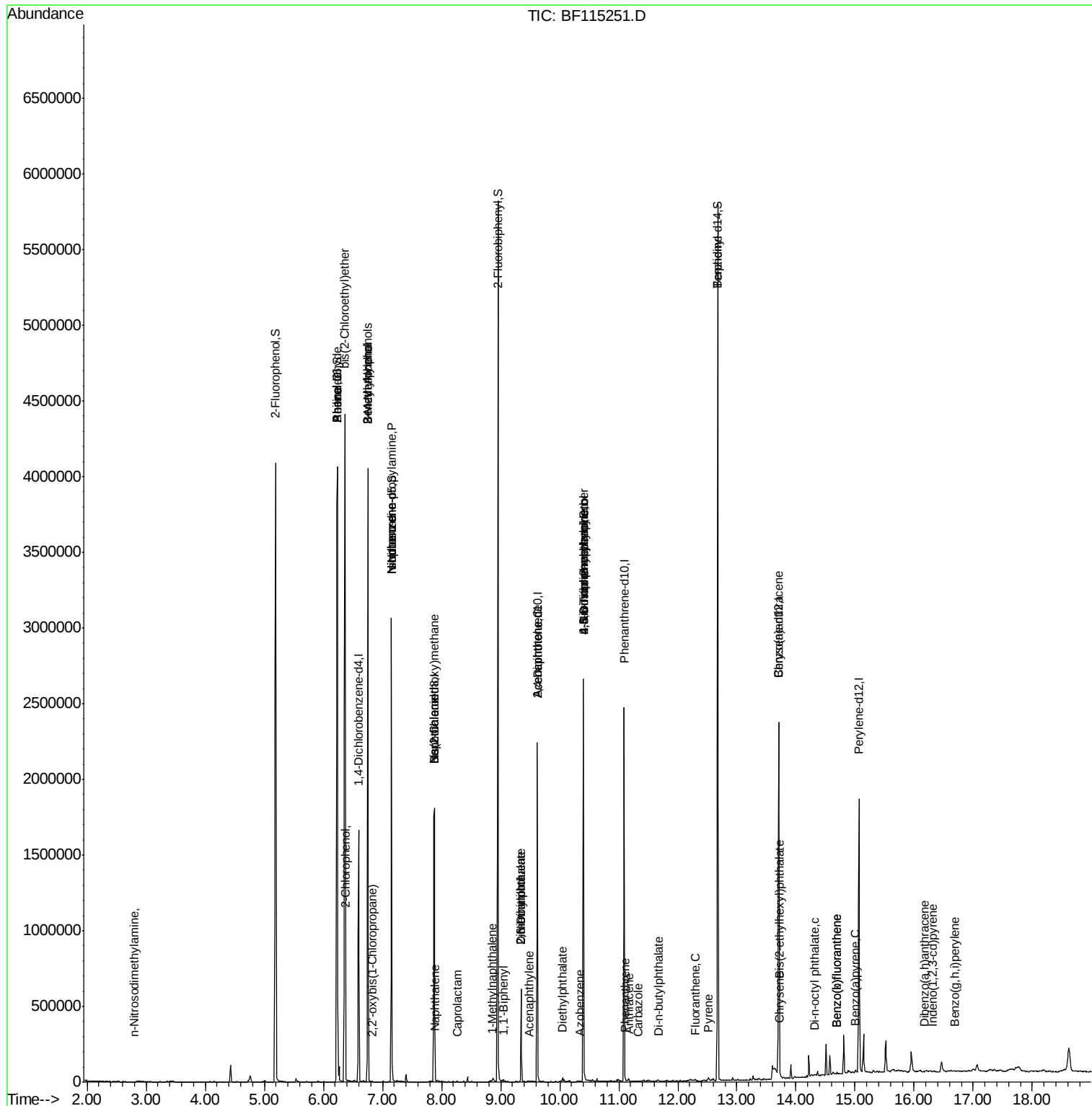
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	11.67	149	2855	0.061	ng	# 93
75) Fluoranthene	12.29	202	4393	0.098	ng	91
77) Benzidine	12.68	184	25158	0.781	ng	# 96
78) Pyrene	12.51	202	4133	0.074	ng	96
81) Benzo(a)anthracene	13.70	228	4501	0.086	ng	93
83) Chrysene	13.73	228	2287	0.048	ng	# 89
84) Bis(2-ethylhexyl)phthalate	13.72	149	4186	0.130	ng	# 96
85) Di-n-octyl phthalate	14.32	149	1075	0.020	ng	# 79
86) Indeno(1,2,3-cd)pyrene	16.32	276	1469	0.026	ng	# 82
88) Benzo(b)fluoranthene	14.69	252	4960	0.101	ng	# 90
89) Benzo(k)fluoranthene	14.69	252	4960	0.113	ng	# 92
90) Benzo(a)pyrene	15.01	252	2397	0.054	ng	# 67
91) Dibenzo(a,h)anthracene	16.17	278	137	0.003	ng	# 53
92) Benzo(g,h,i)perylene	16.69	276	1444	0.035	ng	# 48

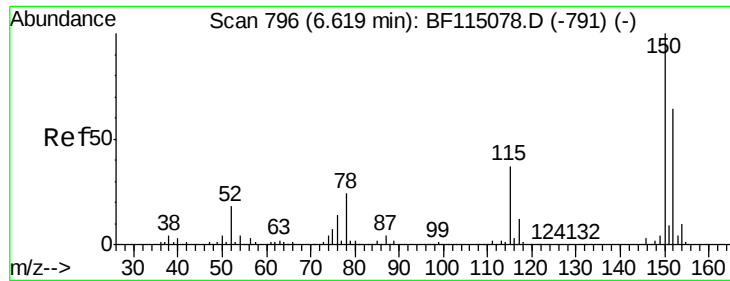
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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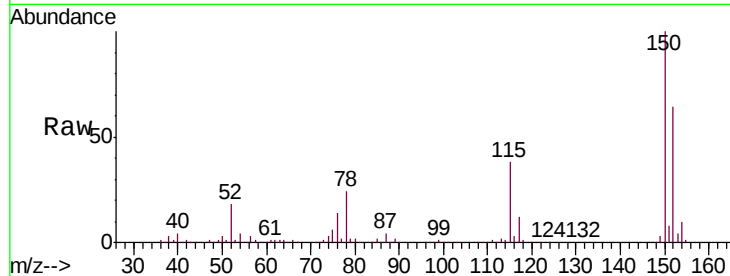


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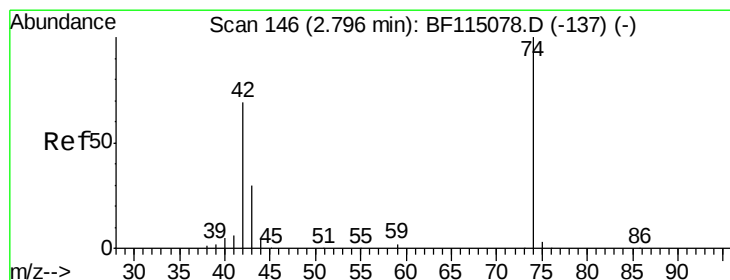
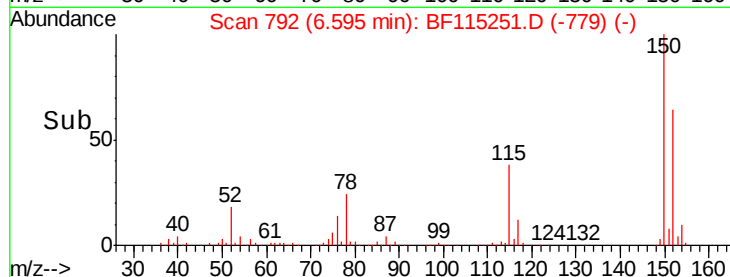
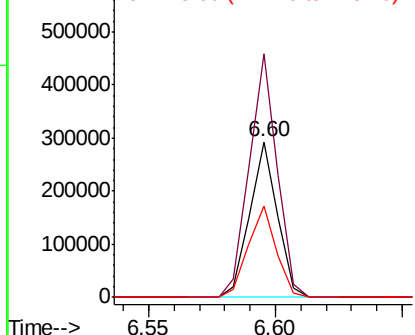
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion: 152 Resp: 222867
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 59.0 46.1 69.1



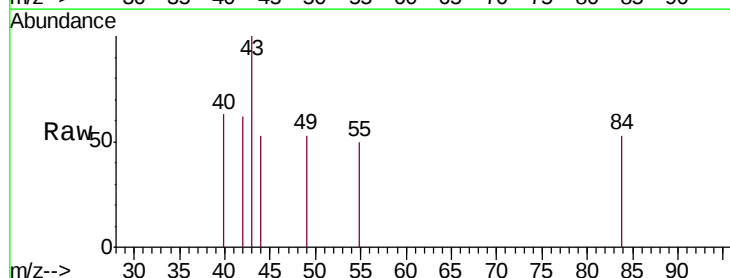
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



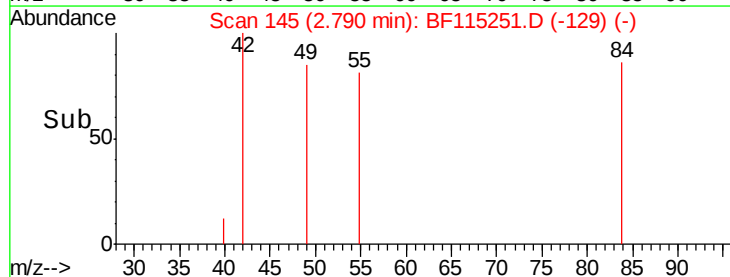
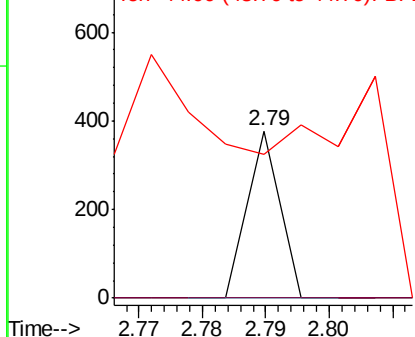
#4

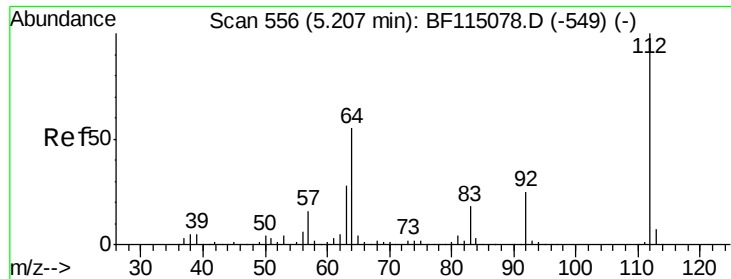
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 2.79 min Scan# 145
Delta R.T. -0.01 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion: 42 Resp: 133
Ion Ratio Lower Upper
42 100
74 0.0 116.6 175.0#
44 86.0 5.3 7.9#



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: 88.136 ng

RT: 5.19 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

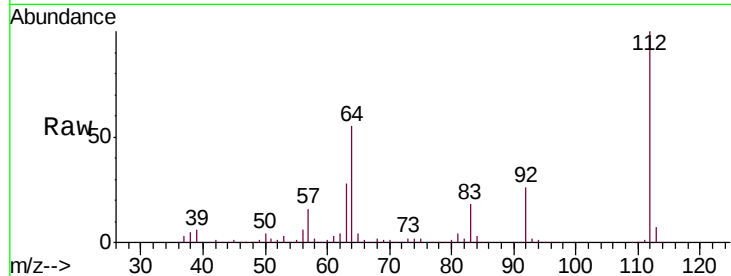
Tgt Ion: 112 Resp: 1272877

Ion Ratio Lower Upper

112 100

64 54.8 43.8 65.6

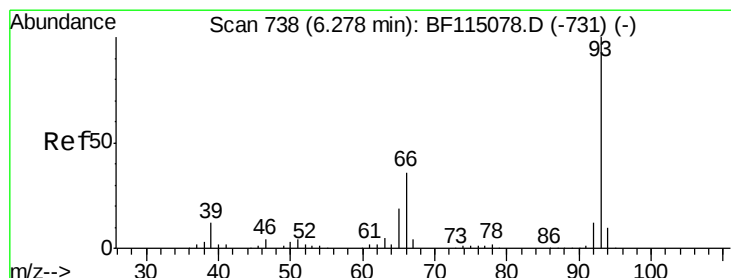
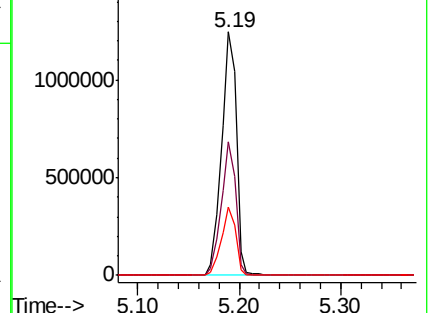
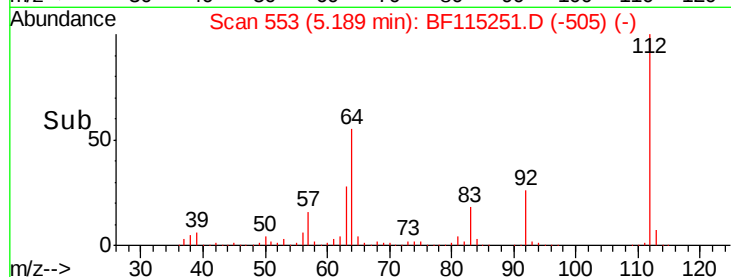
63 27.9 22.2 33.4



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: 0.010 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

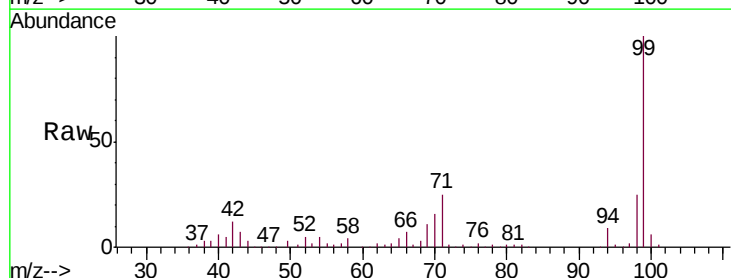
Tgt Ion: 93 Resp: 237

Ion Ratio Lower Upper

93 100

66 3556.5 30.0 45.0#

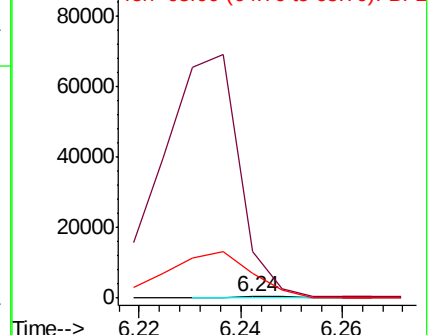
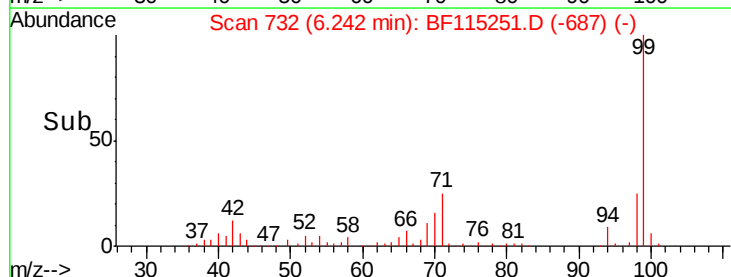
65 1941.6 15.6 23.4#

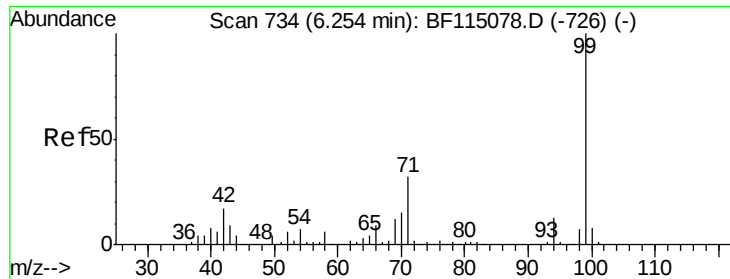


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.671 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF115251.D

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SB-10-COMP

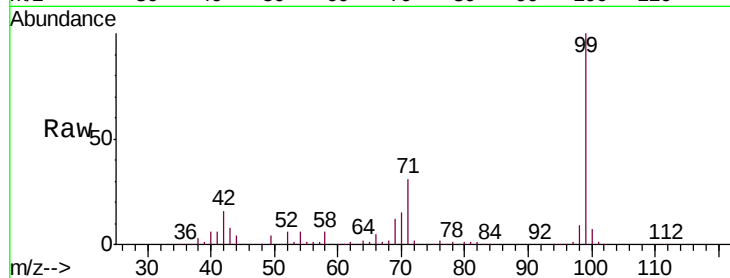
Tgt Ion: 99 Resp: 1589401

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

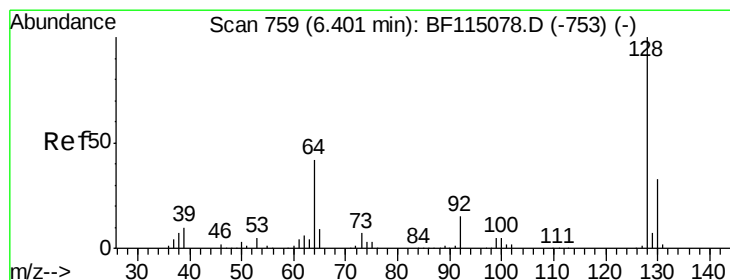
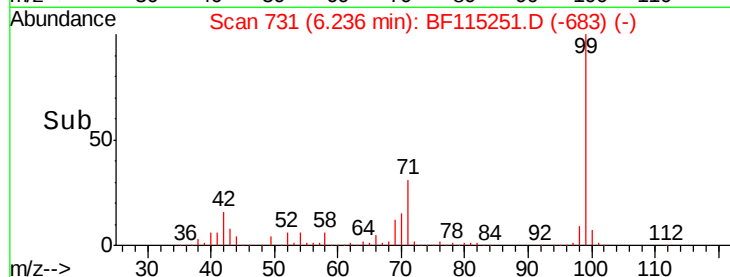
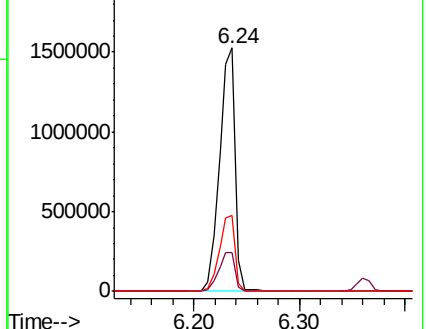
71 31.2 25.5 38.3



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: 0.022 ng

RT: 6.38 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

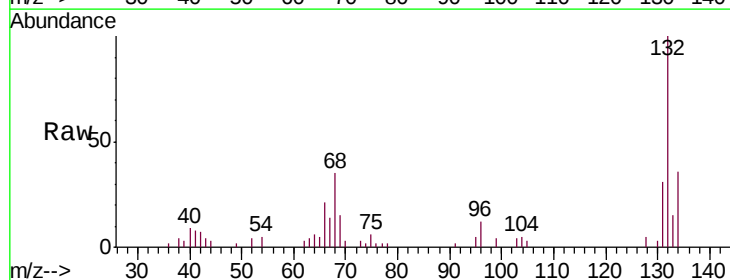
Tgt Ion:128 Resp: 363

Ion Ratio Lower Upper

128 100

130 72.6 12.9 52.9#

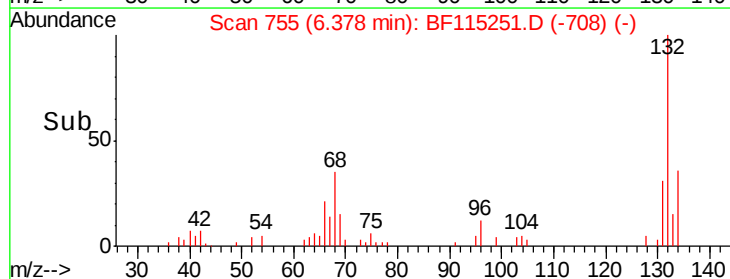
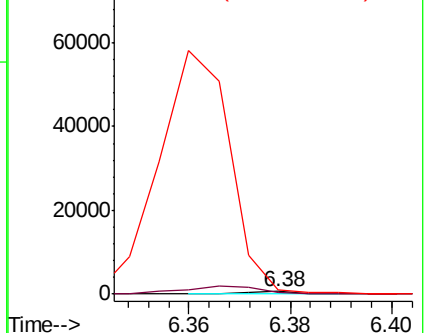
64 134.4 22.9 62.9#

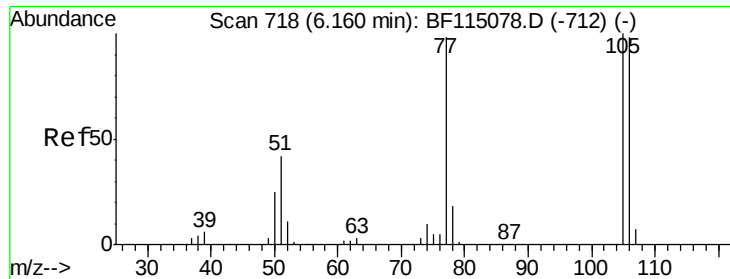


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.226 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.08 min

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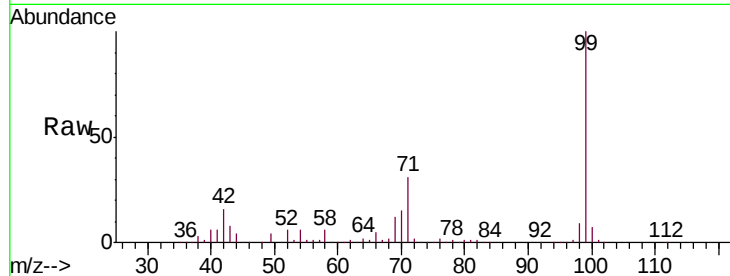
Tgt Ion: 77 Resp: 2589

Ion Ratio Lower Upper

77 100

105 0.0 81.5 121.5#

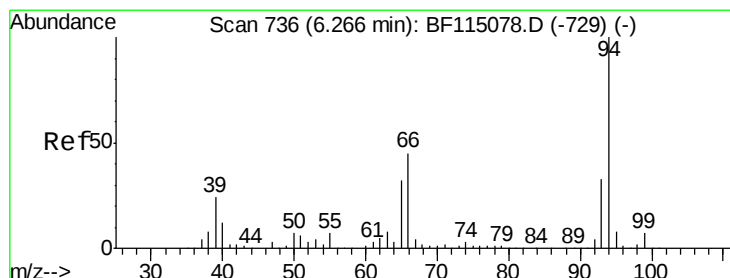
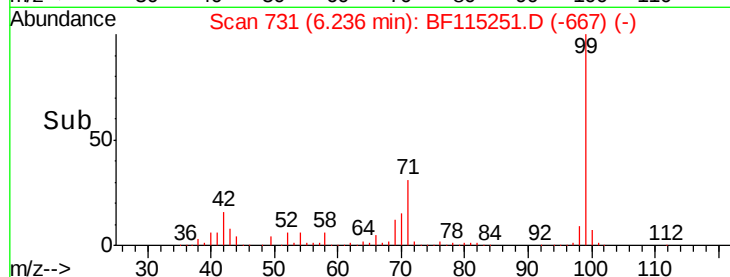
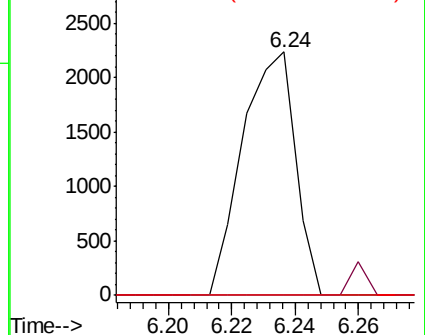
106 0.0 79.7 119.7#



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: 0.521 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

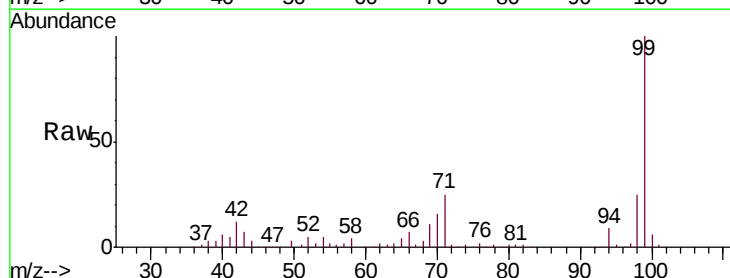
Tgt Ion: 94 Resp: 10689

Ion Ratio Lower Upper

94 100

65 40.2 11.9 51.9

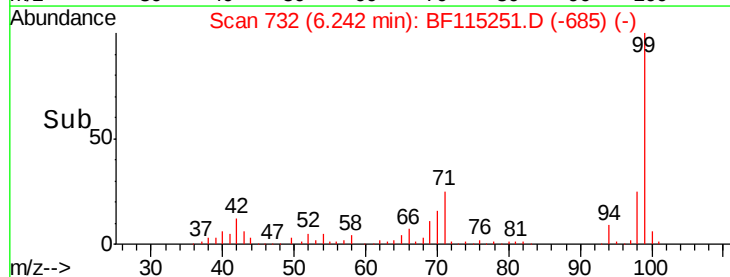
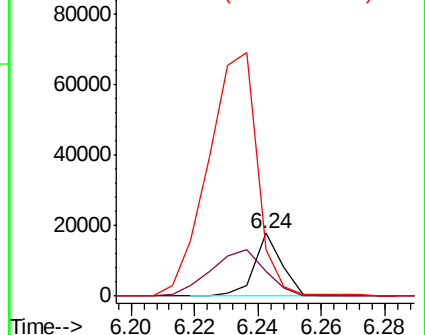
66 73.6 25.2 65.2#

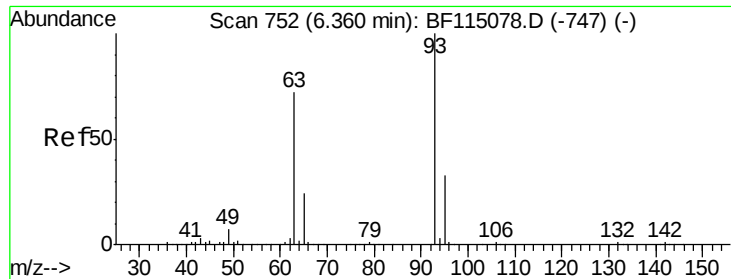


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

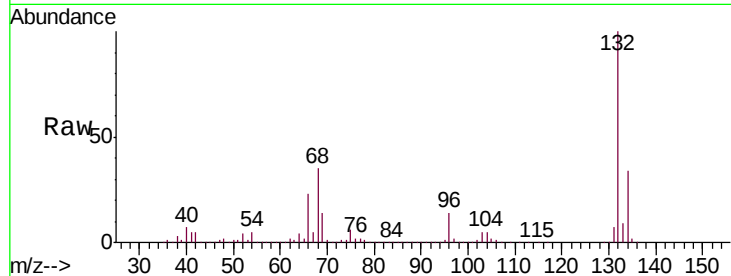




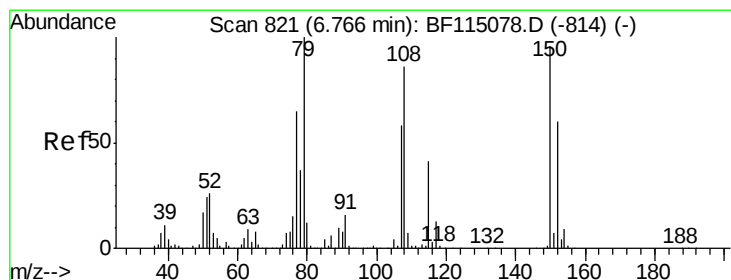
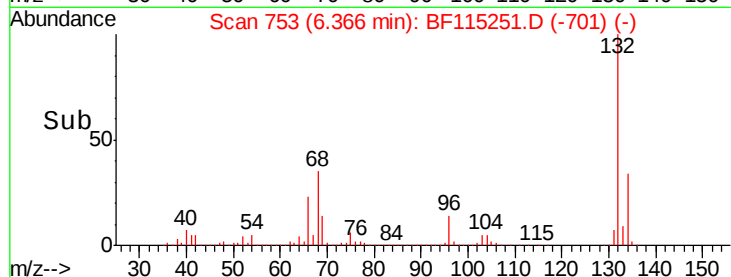
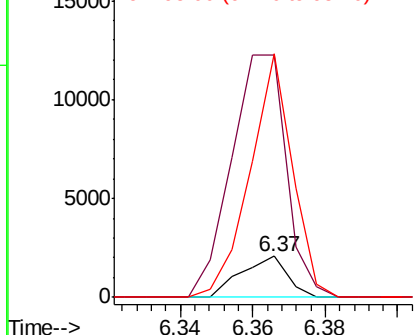
#11
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 6.37 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Instrument :
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ClientSampleId :
SB-10-COMP

Tgt Ion: 93 Resp: 1821
Ion Ratio Lower Upper
93 100
63 590.6 51.5 91.5#
95 593.6 13.4 53.4#

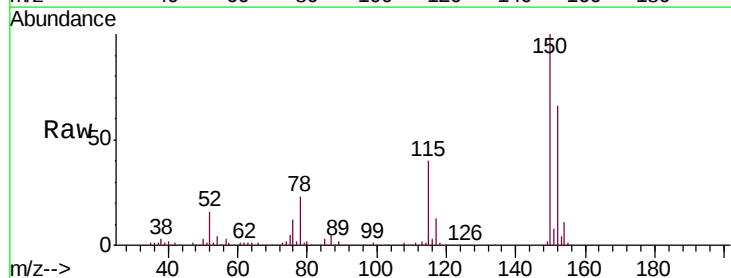


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

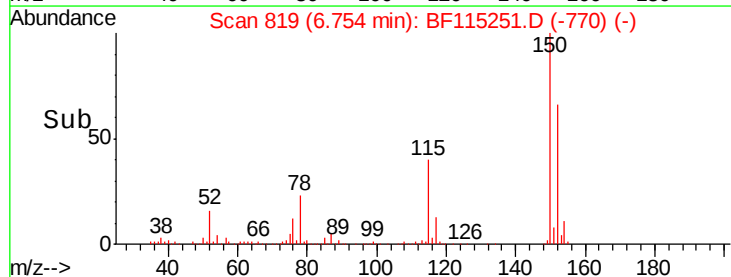
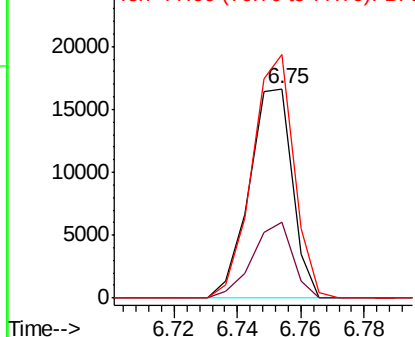


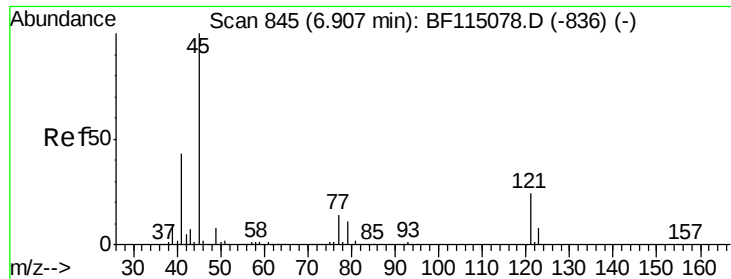
#15
Benzyl Alcohol
Concen: 1.233 ng
RT: 6.75 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion: 79 Resp: 15738
Ion Ratio Lower Upper
79 100
108 36.0 68.7 103.1#
77 116.2 51.7 77.5#



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

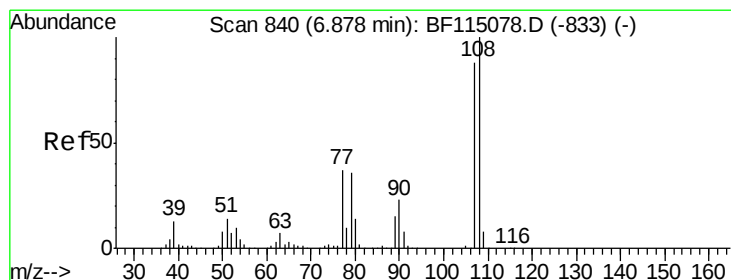
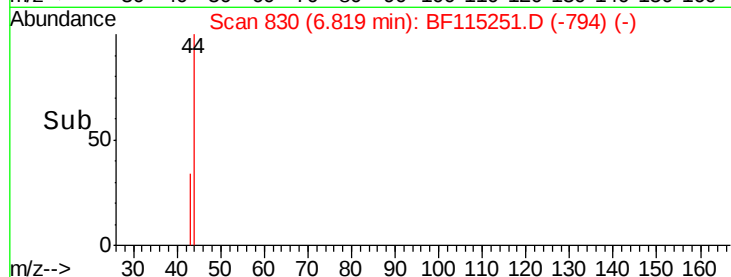
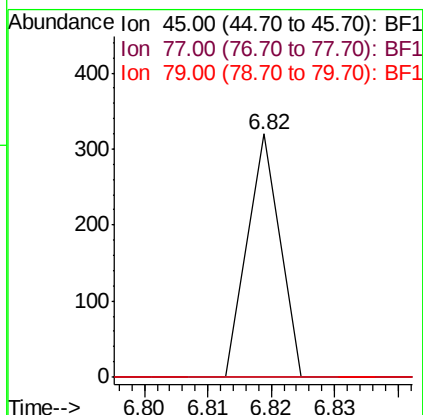
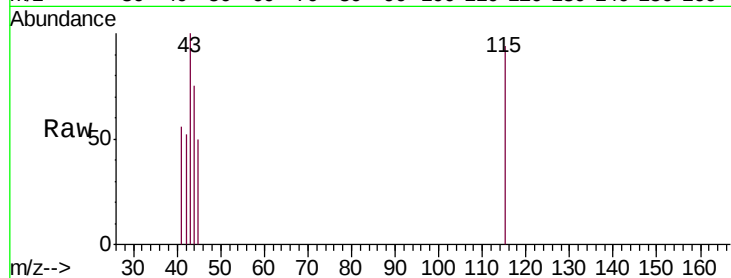




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 6.82 min Scan# 830
Delta R.T. -0.09 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

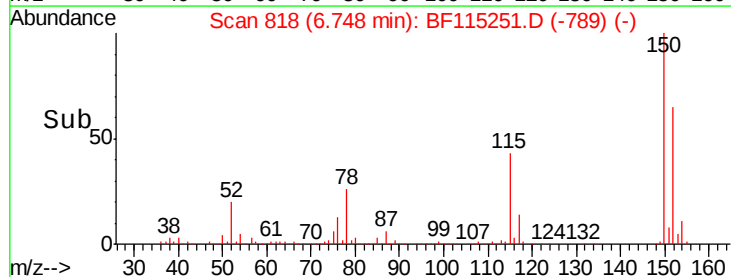
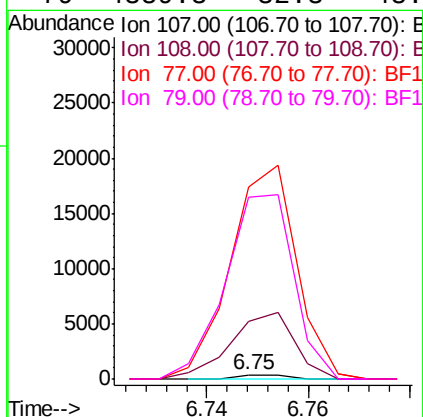
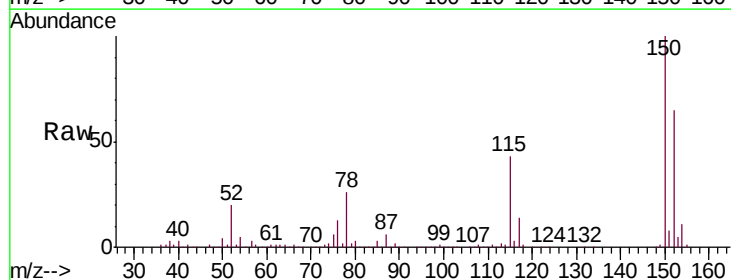
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

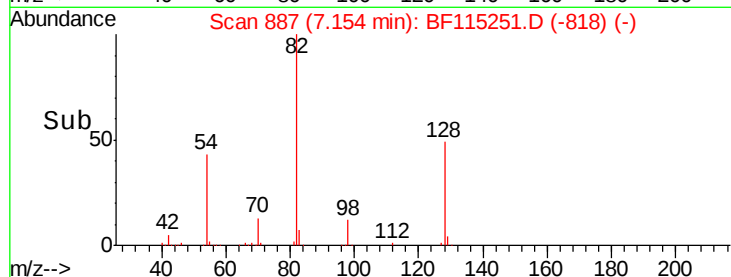
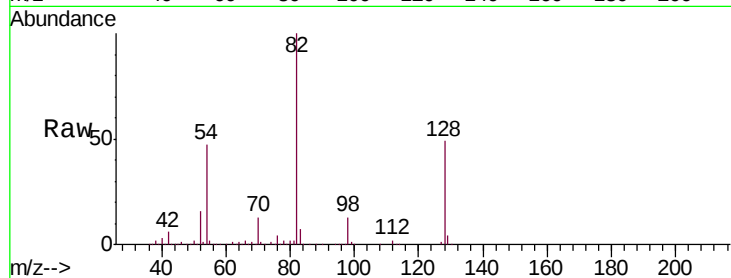
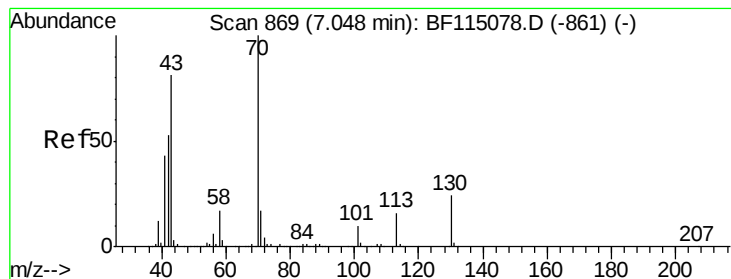
Tgt Ion: 45 Resp: 113
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.6
79 0.0 0.0 31.2



#17
2-Methylphenol
Concen: 0.019 ng
RT: 6.75 min Scan# 818
Delta R.T. -0.13 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion: 107 Resp: 254
Ion Ratio Lower Upper
107 100
108 1389.8 90.9 136.3#
77 4665.2 33.4 50.2#
79 4389.3 32.3 48.5#





#19

n-Nitroso-di-n-propylamine

Concen: 10.916 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.11 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

Tgt Ion: 70 Resp: 122510

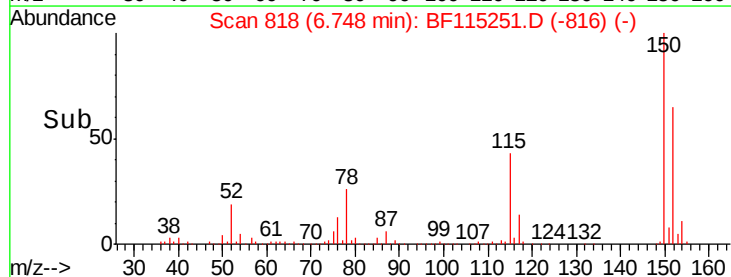
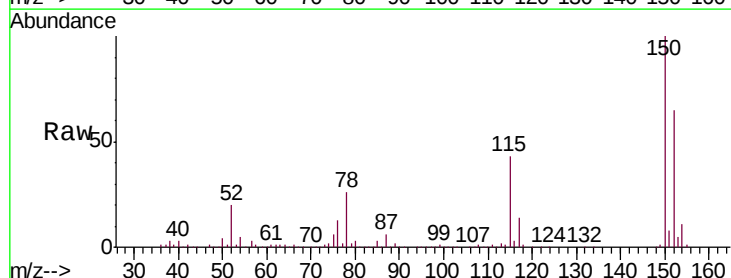
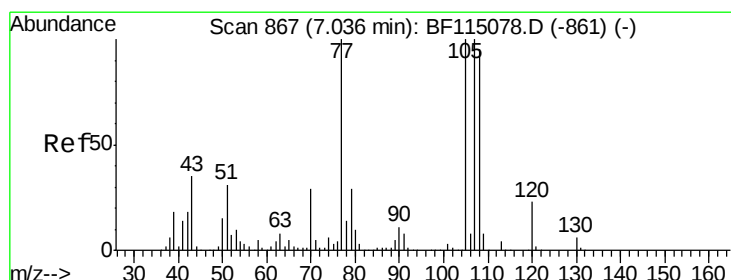
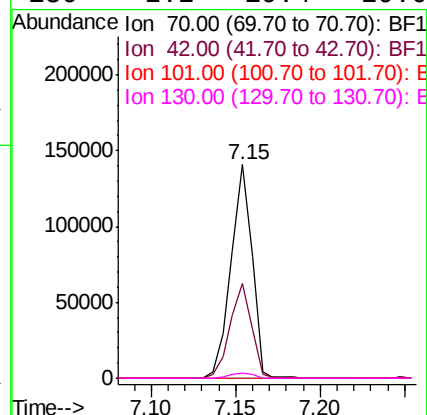
Ion Ratio Lower Upper

70 100

42 44.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.2 19.4 29.0#



#20

3+4-Methylphenols

Concen: 0.016 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.29 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Tgt Ion: 107 Resp: 254

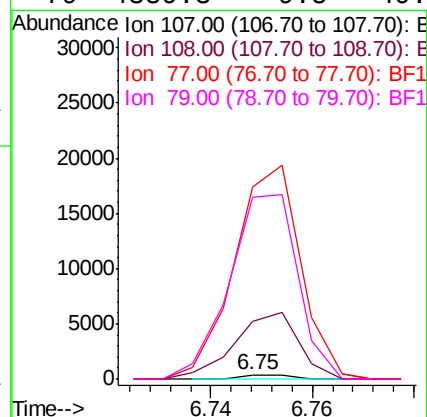
Ion Ratio Lower Upper

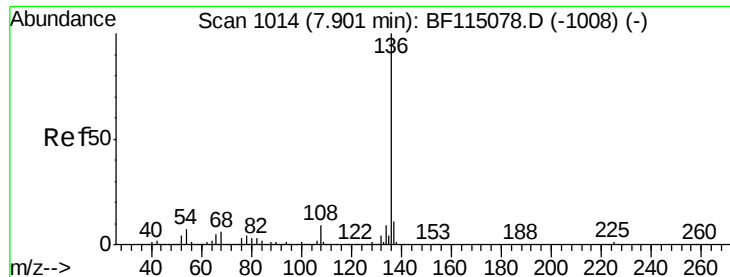
107 100

108 1389.8 75.5 115.5#

77 4665.2 80.2 120.2#

79 4389.3 9.5 49.5#

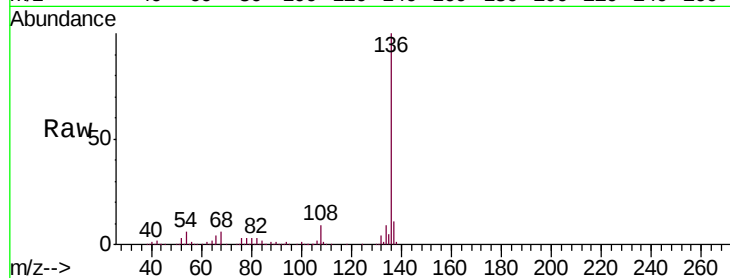




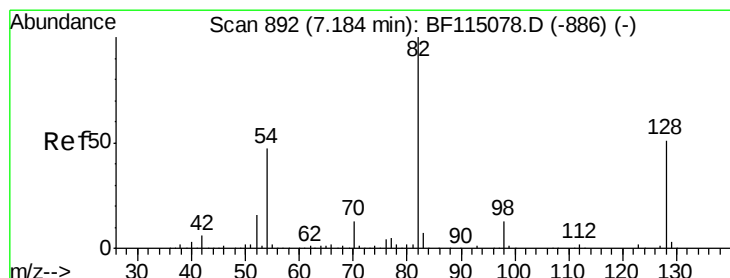
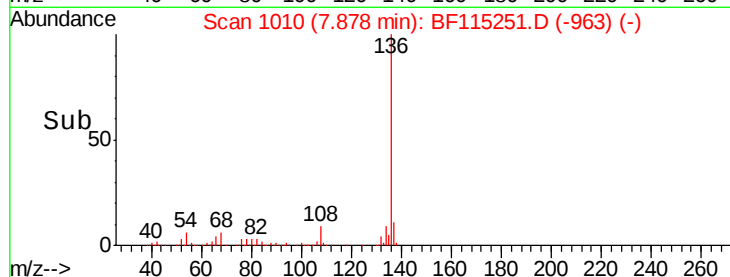
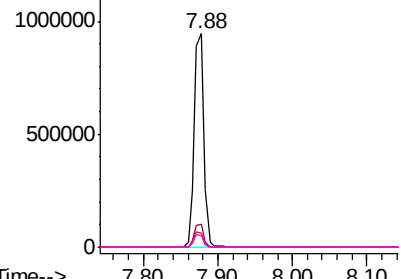
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:	136	Resp:	856191
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.6	8.4
68	5.5	4.8	7.2

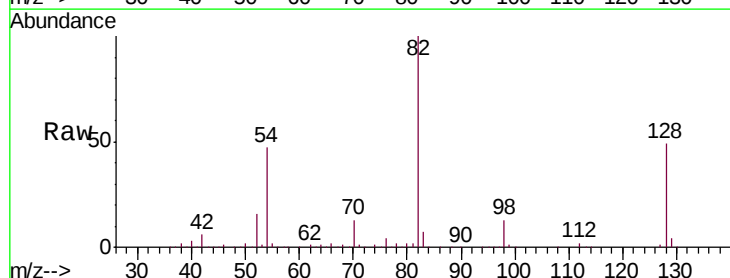


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

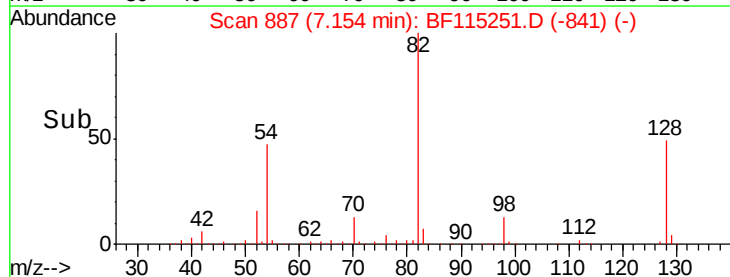
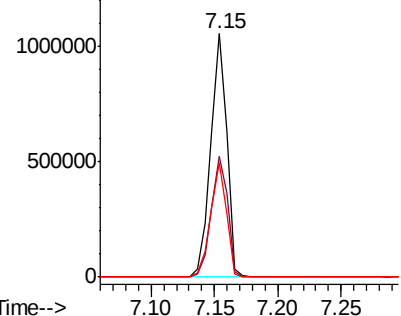


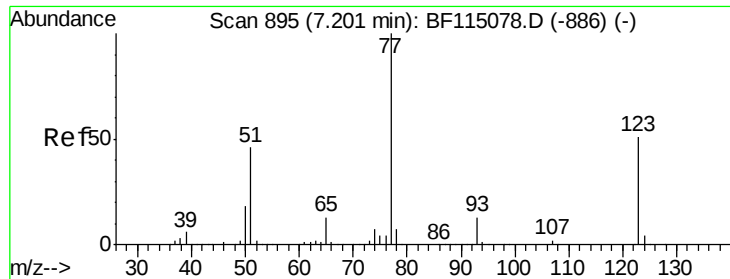
#23
Nitrobenzene-d5
Concen: 66.989 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion:	82	Resp:	932376
Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.4	60.6
54	47.0	37.5	56.3



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: 0.183 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.05 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

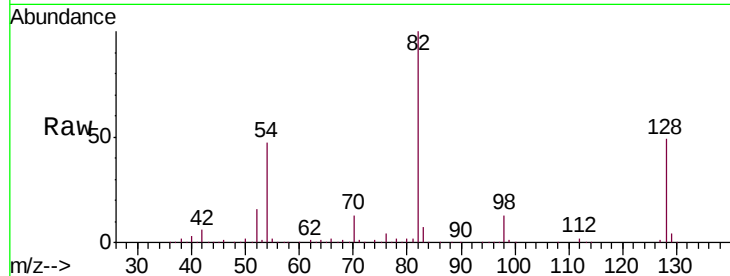
Tgt Ion: 77 Resp: 2806

Ion Ratio Lower Upper

77 100

123 0.0 41.0 61.6#

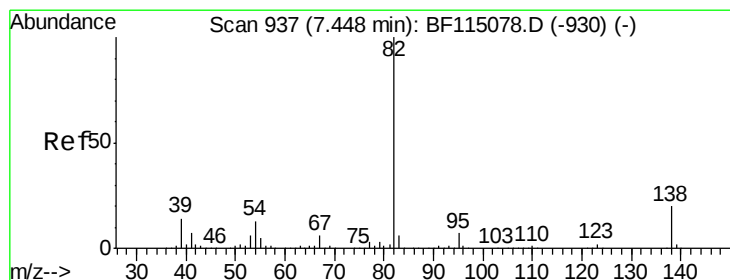
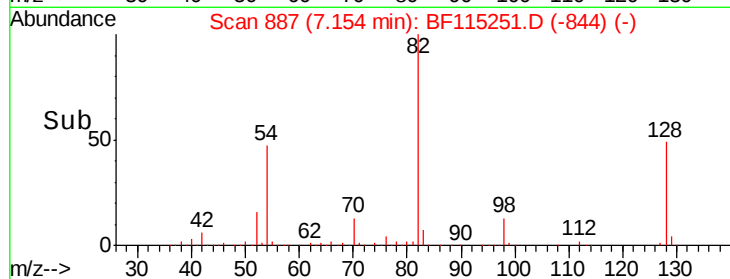
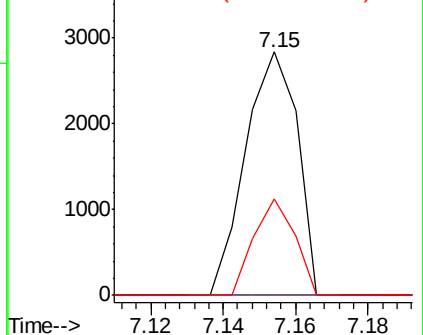
65 39.5 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 32.101 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.29 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

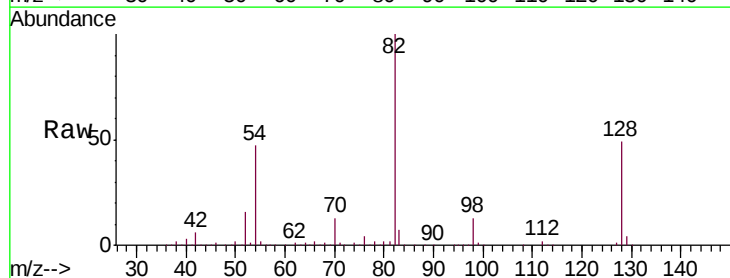
Tgt Ion: 82 Resp: 915262

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

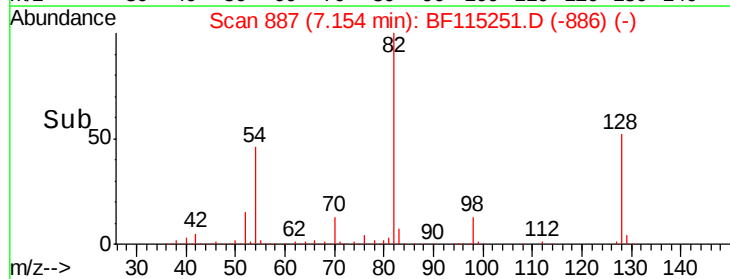
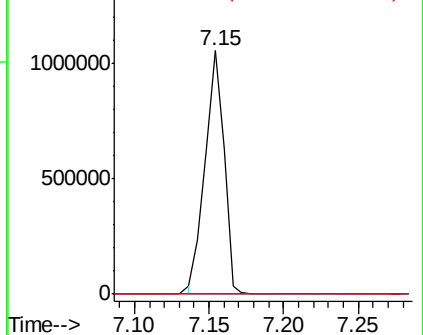
138 0.0 15.9 23.9#

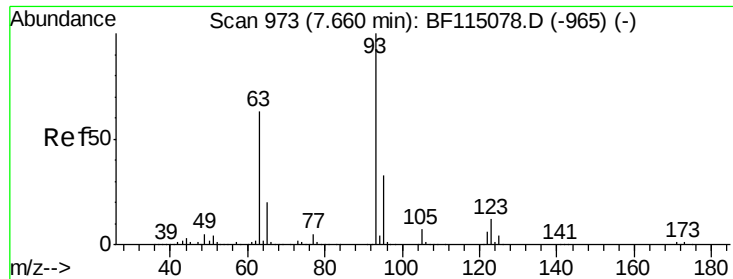


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#28

bis(2-Chloroethoxy)methane

Concen: 0.007 ng

RT: 7.88 min Scan# 1010

Delta R.T. 0.22 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

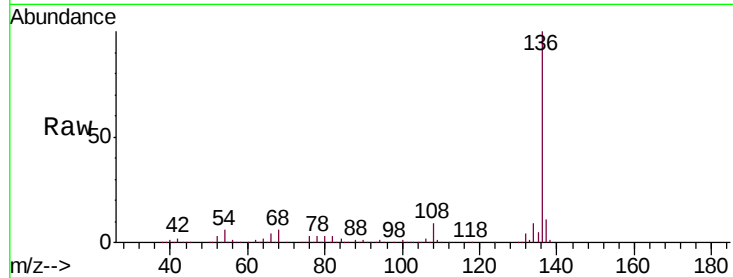
Tgt Ion: 93 Resp: 131

Ion Ratio Lower Upper

93 100

95 120.8 26.2 39.4#

123 0.0 9.7 14.5#

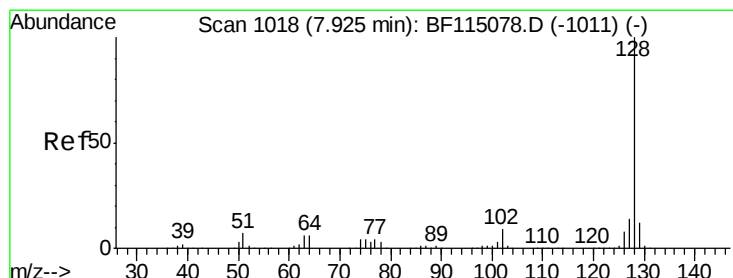
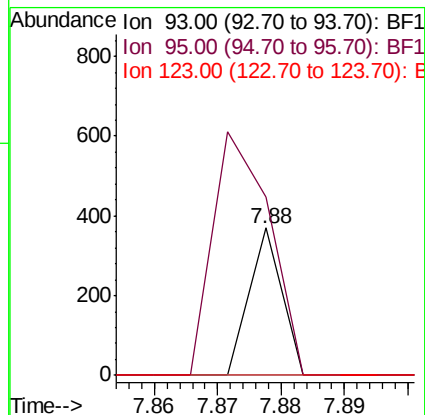
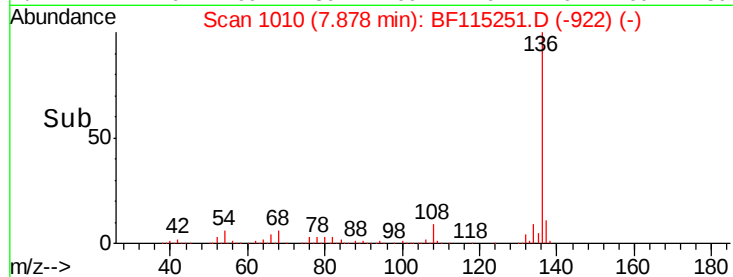


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Time-->



#31

Naphthalene

Concen: 0.003 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.03 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

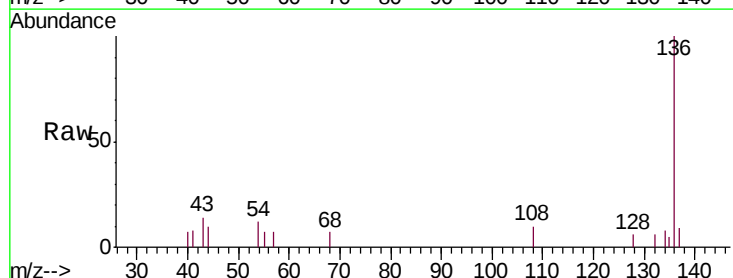
Tgt Ion: 128 Resp: 132

Ion Ratio Lower Upper

128 100

129 0.0 9.6 14.4#

127 0.0 11.4 17.0#

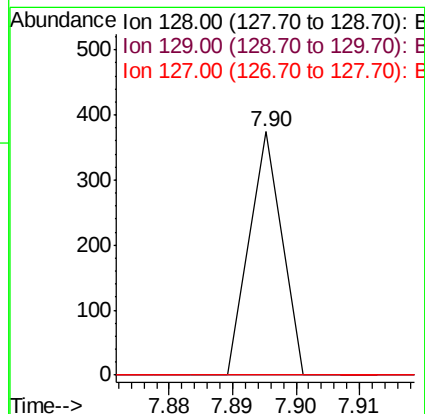
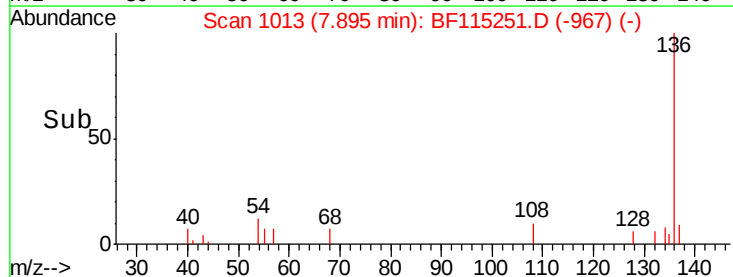


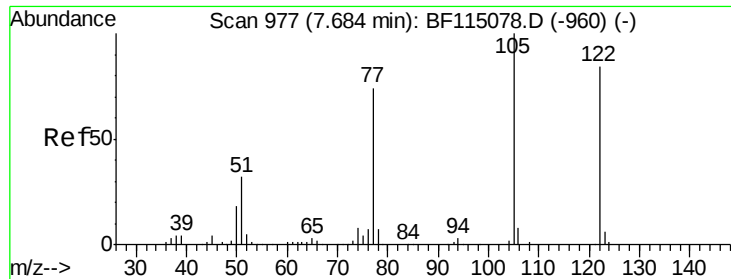
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->

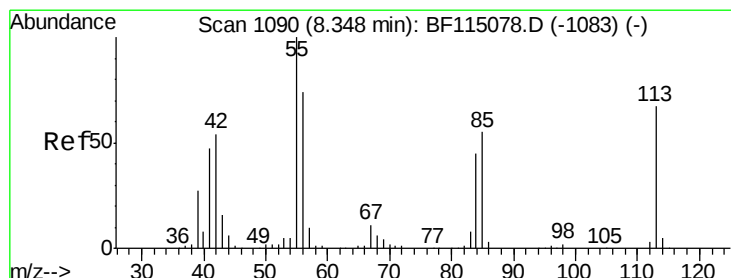
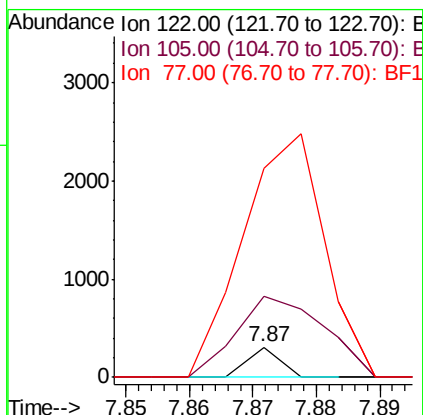
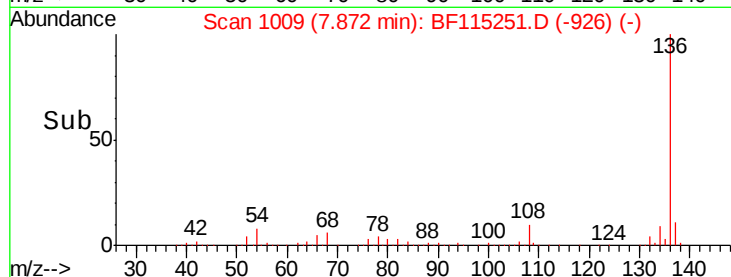
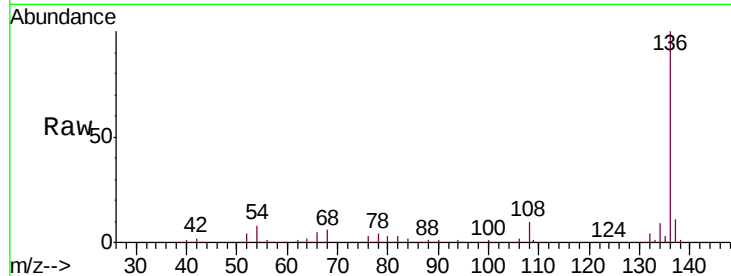




#32
Benzoic acid
Concen: 0.012 ng
RT: 7.87 min Scan# 1009
Delta R.T. 0.19 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

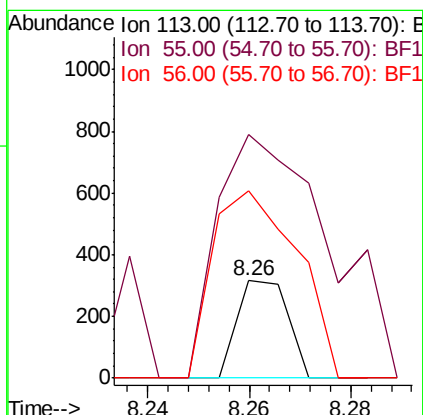
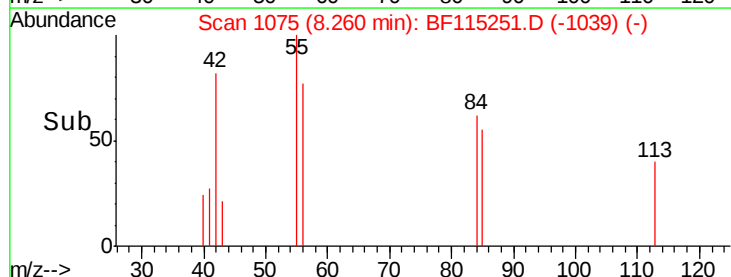
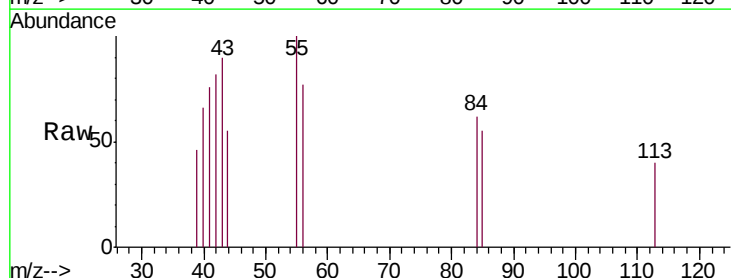
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

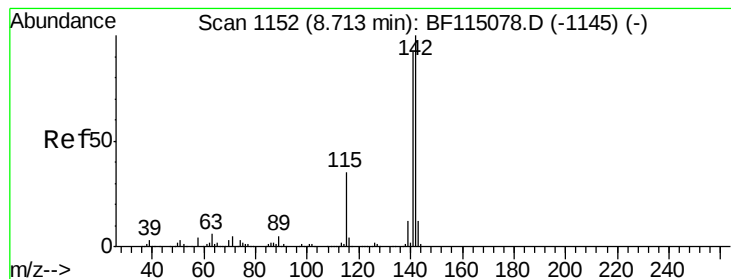
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 267.2 98.2 138.2#
77 690.3 67.0 107.0#



#35
Caprolactam
Concen: 0.051 ng
RT: 8.26 min Scan# 1075
Delta R.T. -0.09 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion:113 Resp: 219
Ion Ratio Lower Upper
113 100
55 249.7 130.2 170.2#
56 192.4 91.6 131.6#





#38

1-Methylnaphthalene

Concen: 0.016 ng

RT: 8.87 min Scan# 1179

Delta R.T. 0.16 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

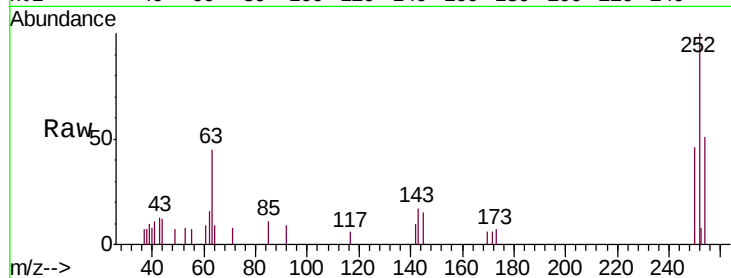
Tgt Ion:142 Resp: 425

Ion Ratio Lower Upper

142 100

141 0.0 73.8 110.8#

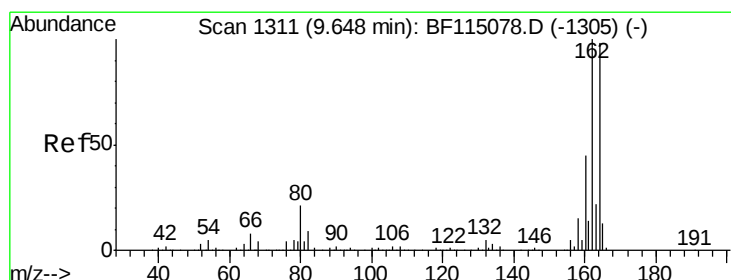
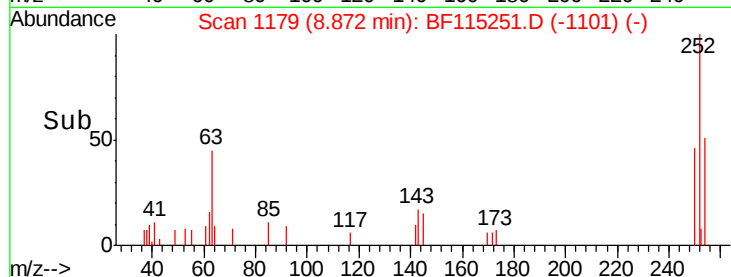
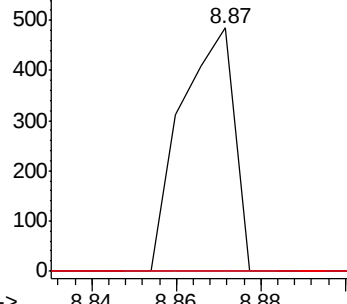
116 66.0 2.8 4.2#



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: 9.62 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

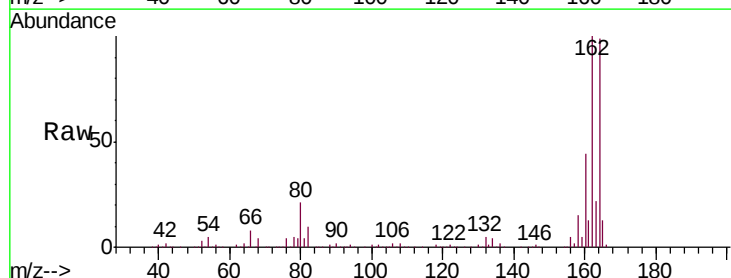
Tgt Ion:164 Resp: 416908

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

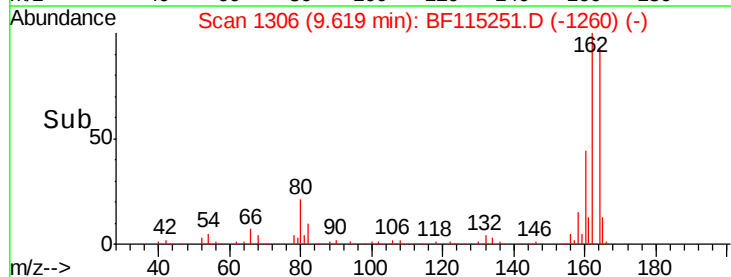
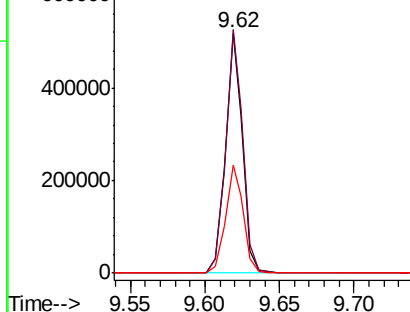
160 44.9 37.0 55.4

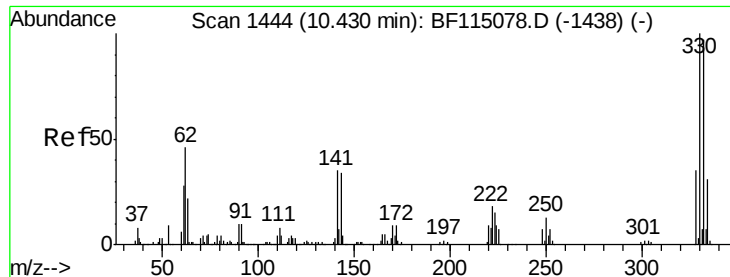


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

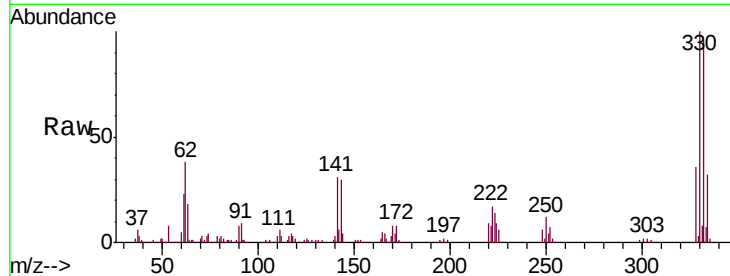




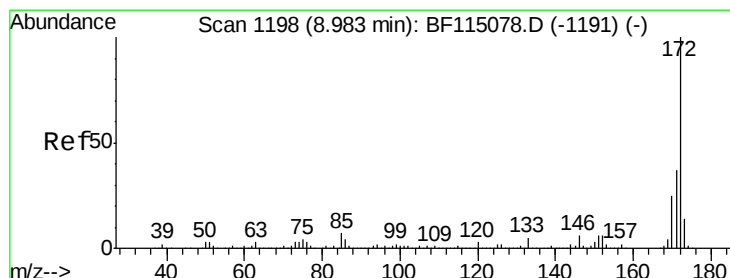
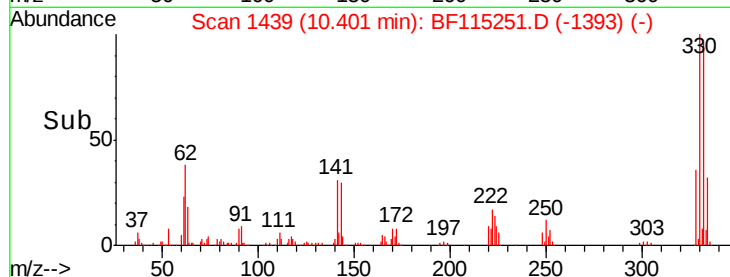
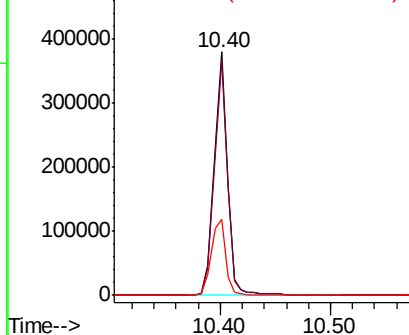
#42
 2,4,6-Tribromophenol
 Concen: 71.432 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.03 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion:330 Resp: 314047
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 34.0 28.2 42.2

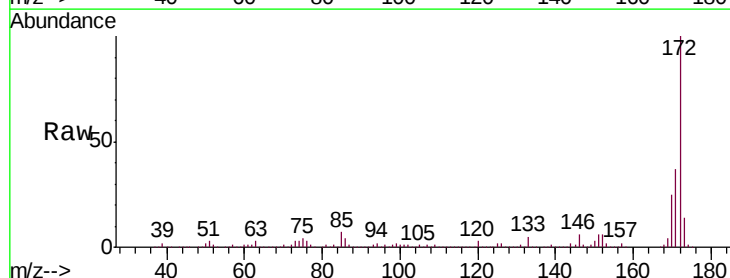


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

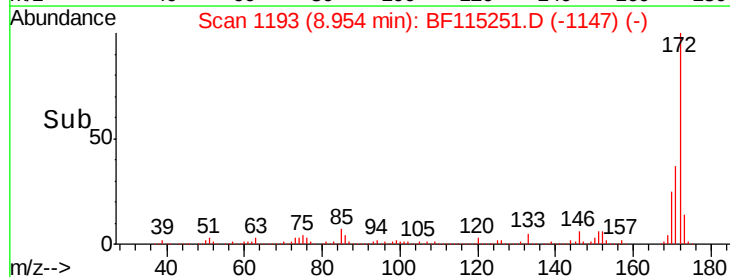
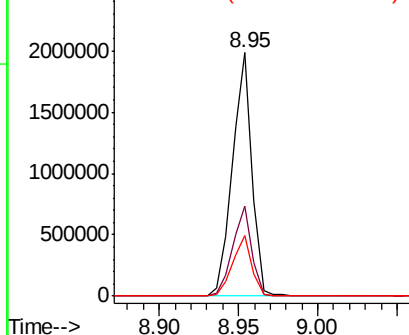


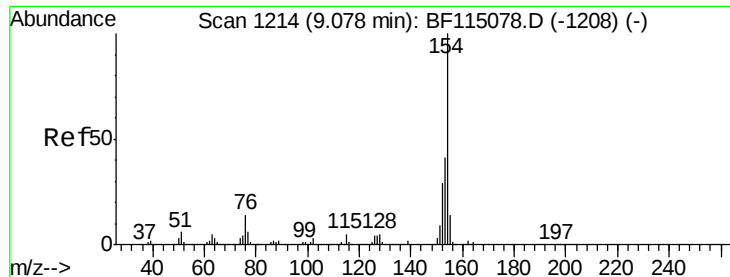
#45
 2-Fluorobiphenyl
 Concen: 69.060 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.03 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Tgt Ion:172 Resp: 1694992
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.1 20.3 30.5



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

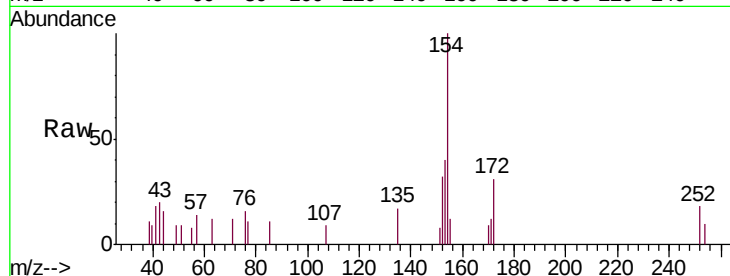




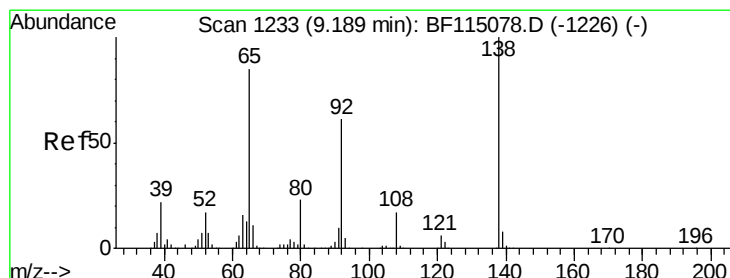
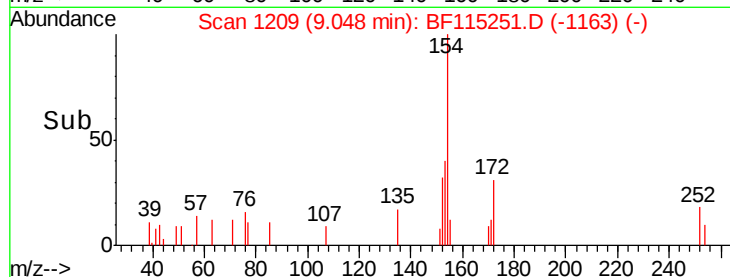
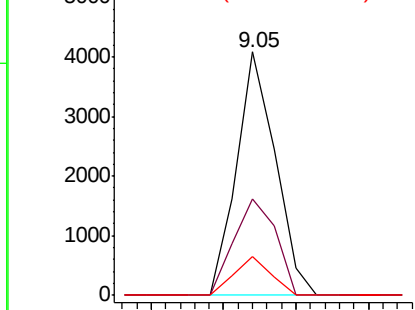
#46
 1,1'-Biphenyl
 Concen: 0.091 ng
 RT: 9.05 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion: 154 Resp: 3041
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.9 60.9
 76 16.0 0.0 34.1

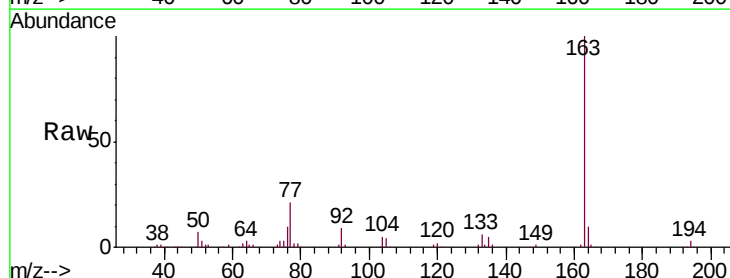


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

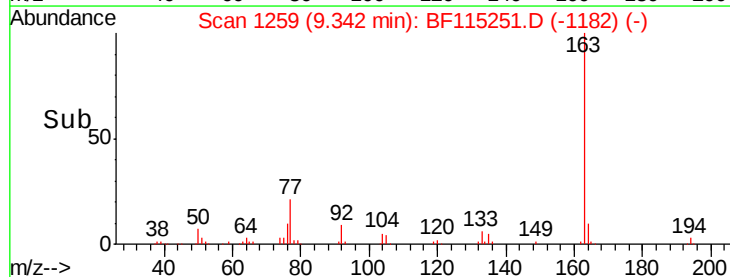
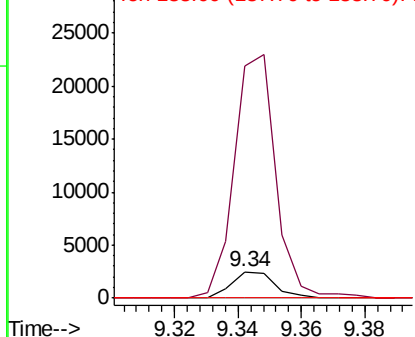


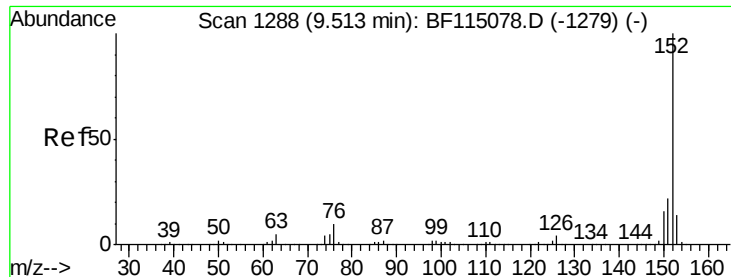
#48
 2-Nitroaniline
 Concen: 0.295 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.15 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Tgt Ion: 65 Resp: 2328
 Ion Ratio Lower Upper
 65 100
 92 876.0 57.4 86.2#
 138 0.0 94.1 141.1#



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





#49

Acenaphthylene

Concen: 0.006 ng

RT: 9.48 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

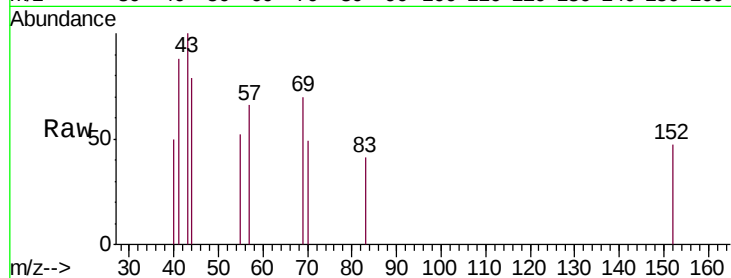
Tgt Ion:152 Resp: 260

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

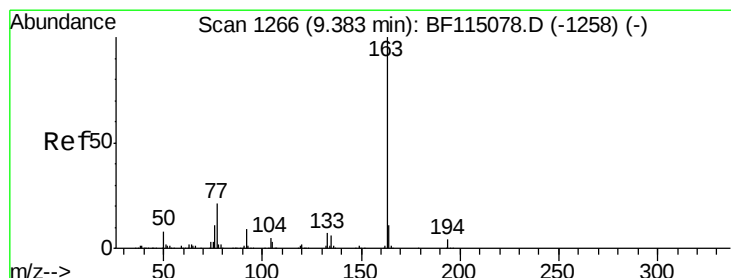
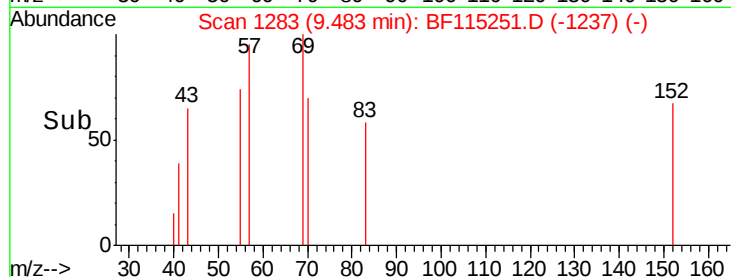
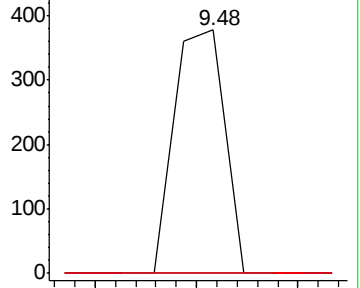
153 0.0 11.0 16.6#



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: 8.224 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

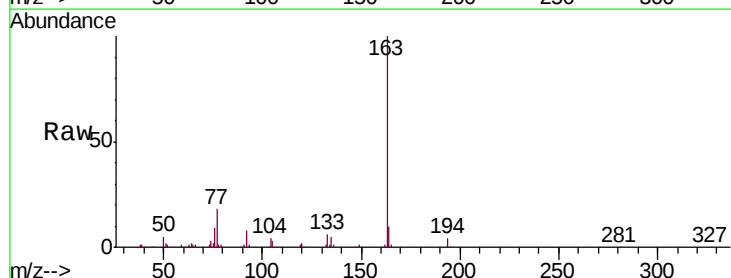
Tgt Ion:163 Resp: 252243

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

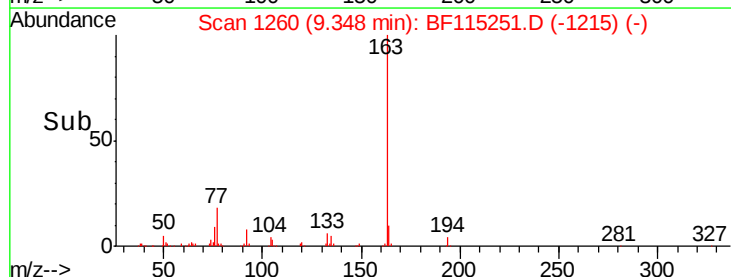
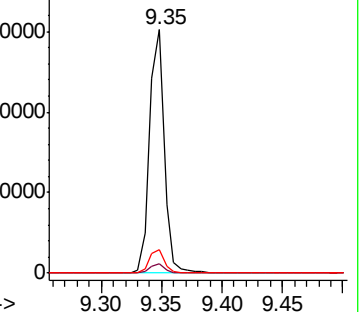
164 9.8 8.6 13.0

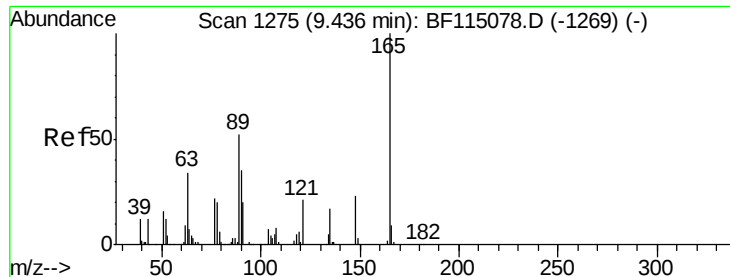


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 0.396 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.09 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

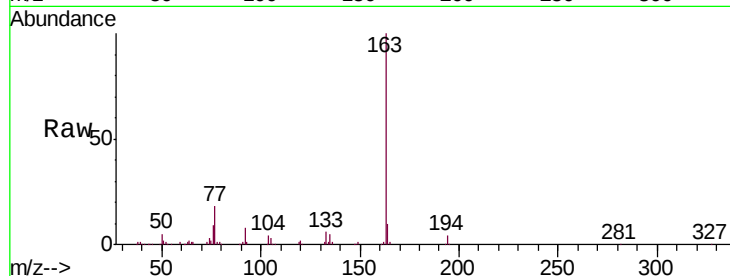
Tgt Ion:165 Resp: 2804

Ion Ratio Lower Upper

165 100

63 128.6 39.4 59.2#

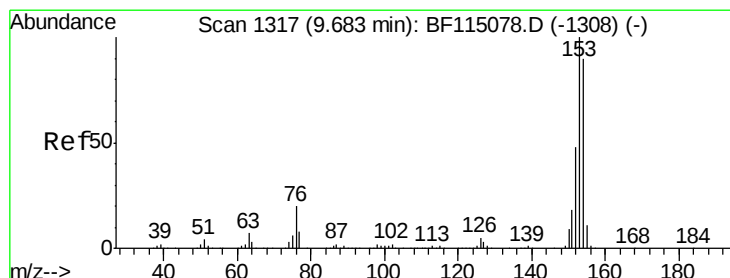
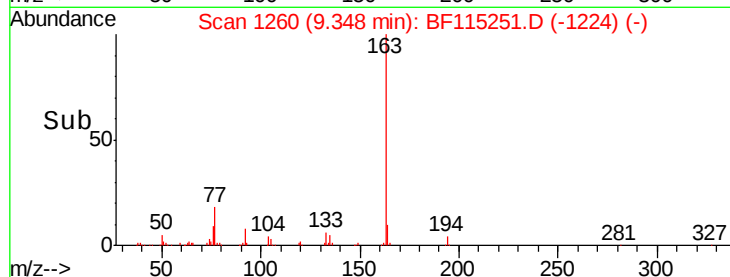
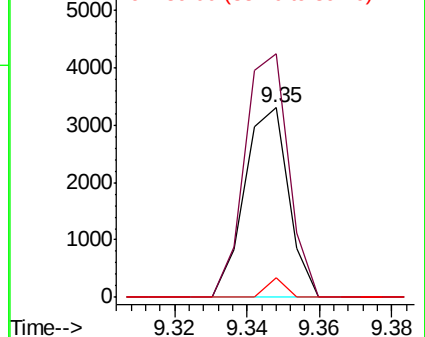
89 10.2 42.0 63.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.052 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.06 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

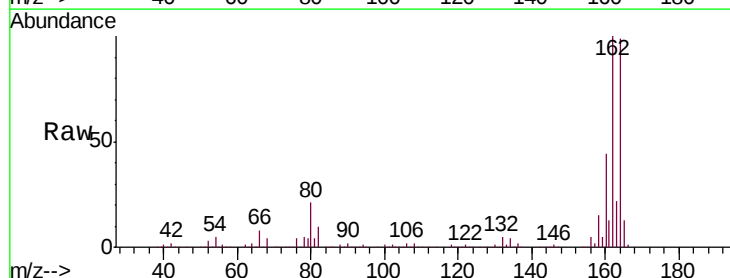
Tgt Ion:154 Resp: 1368

Ion Ratio Lower Upper

154 100

153 0.0 88.7 133.1#

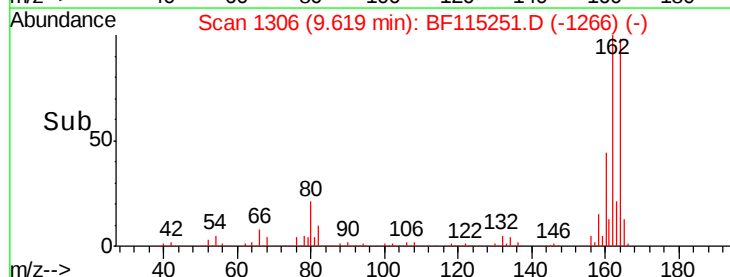
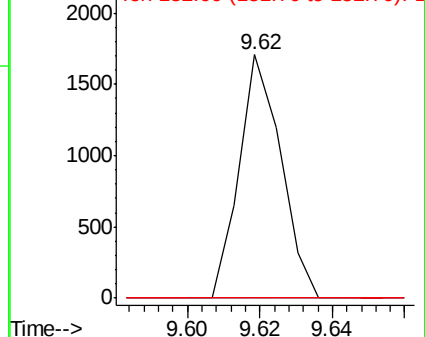
152 0.0 42.6 64.0#

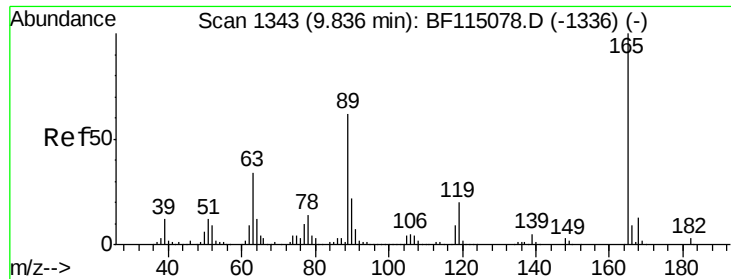


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

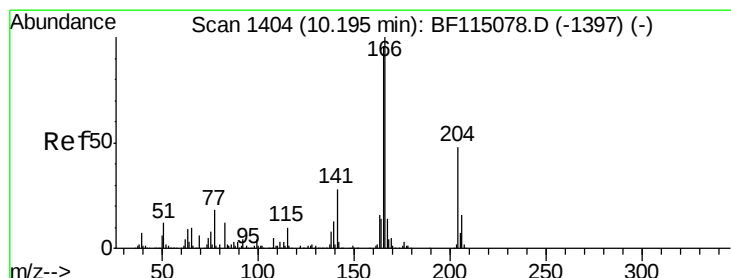
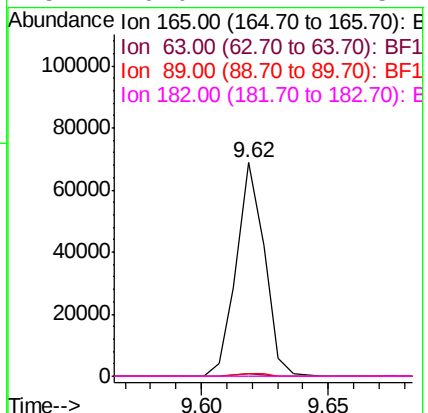
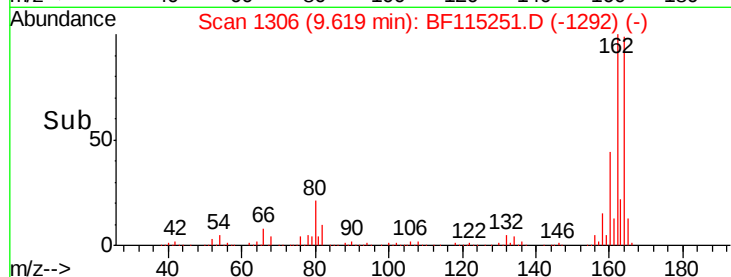
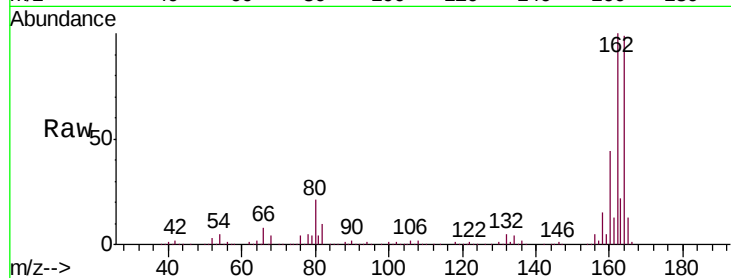




#57
2,4-Dinitrotoluene
Concen: 5.805 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.22 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

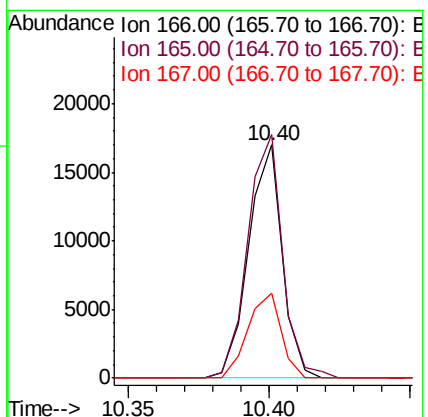
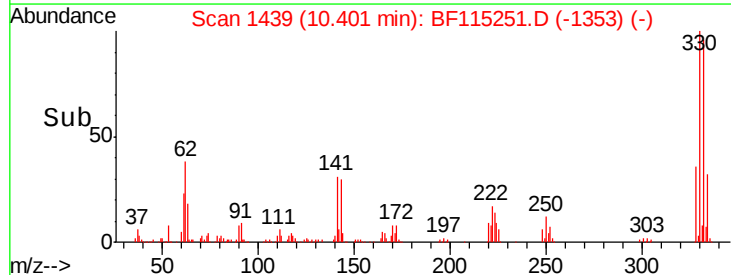
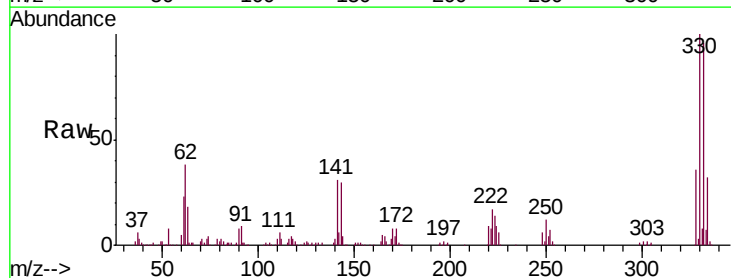
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

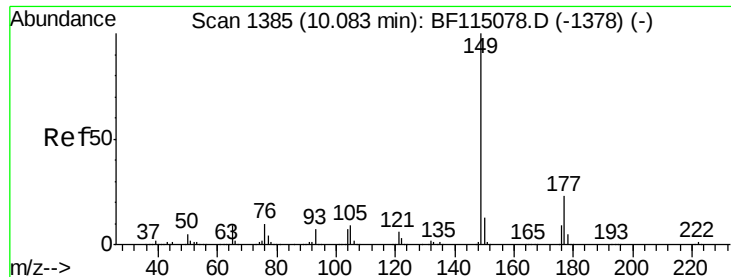
Tgt Ion:	165	Resp:	53078
Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.0	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 1439
Delta R.T. 0.21 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion:	166	Resp:	14016
Ion	Ratio	Lower	Upper
166	100		
165	104.6	76.5	114.7
167	36.6	11.0	16.4#

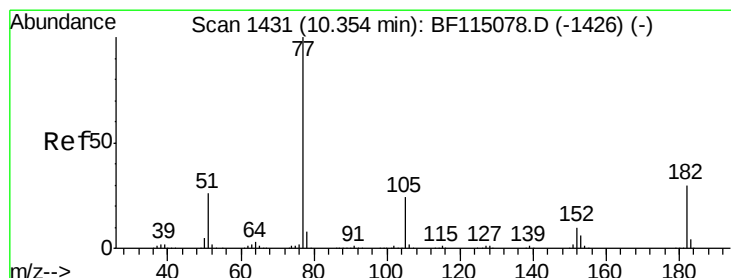
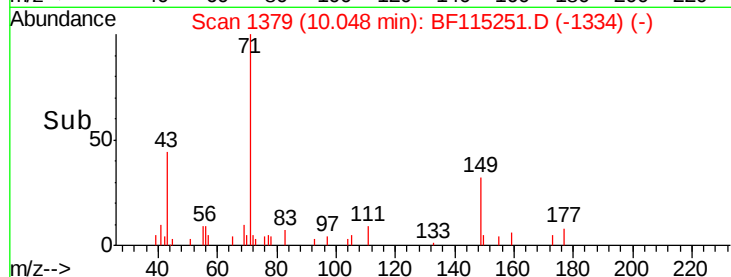
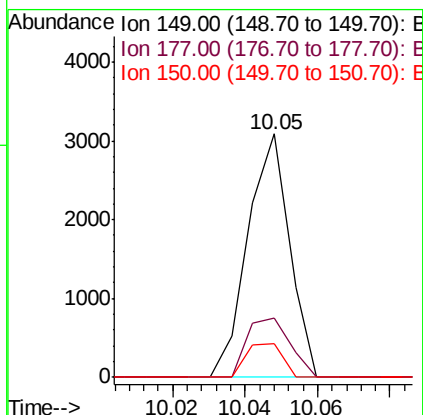
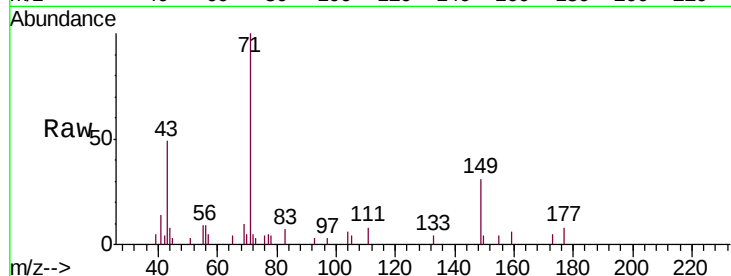




#60
Diethylphthalate
Concen: 0.080 ng
RT: 10.05 min Scan# 1379
Delta R.T. -0.04 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

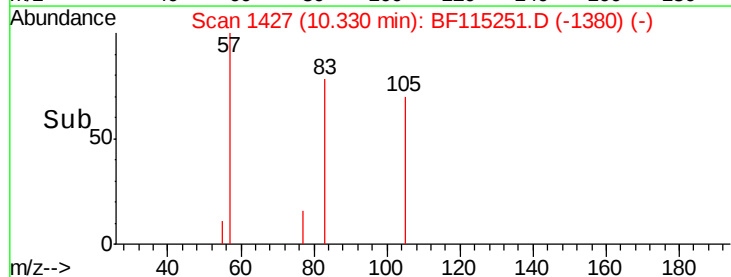
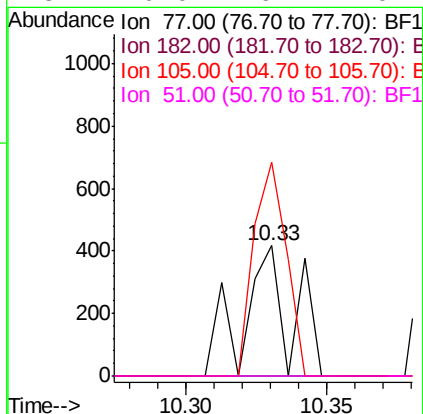
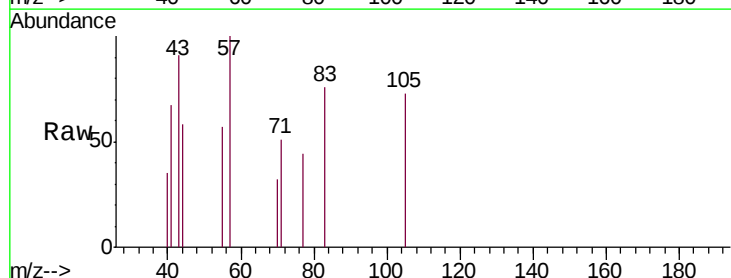
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

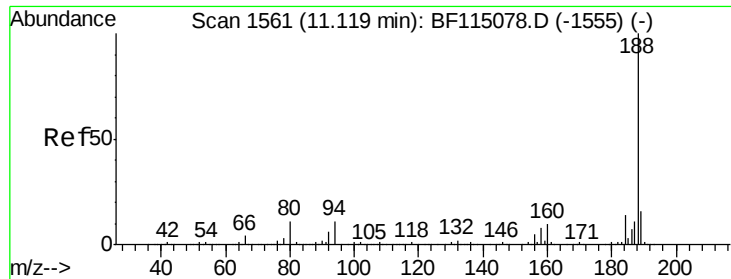
Tgt Ion: 149 Resp: 2464
Ion Ratio Lower Upper
149 100
177 24.3 18.7 28.1
150 14.0 10.4 15.6



#63
Azobenzene
Concen: 0.017 ng
RT: 10.33 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion: 77 Resp: 497
Ion Ratio Lower Upper
77 100
182 0.0 10.1 50.1#
105 164.0 4.5 44.5#
51 0.0 6.4 46.4#

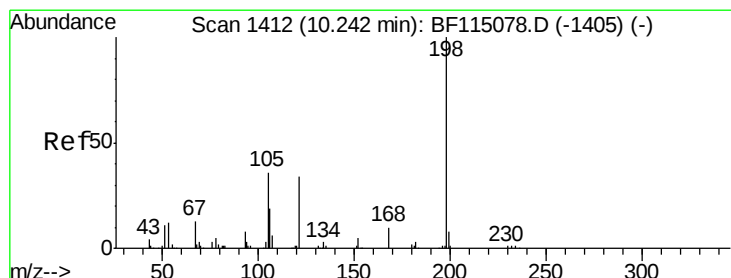
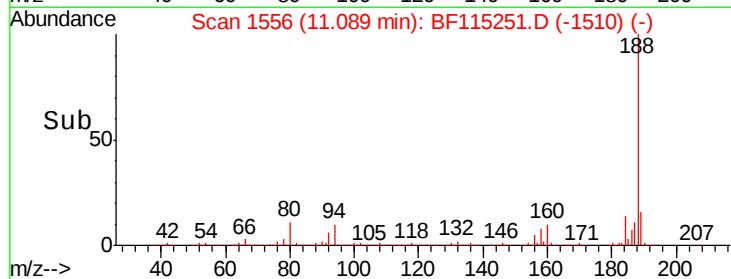
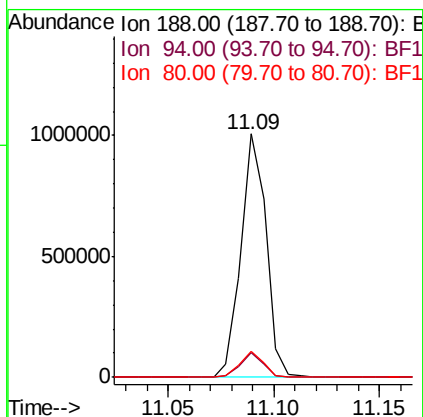
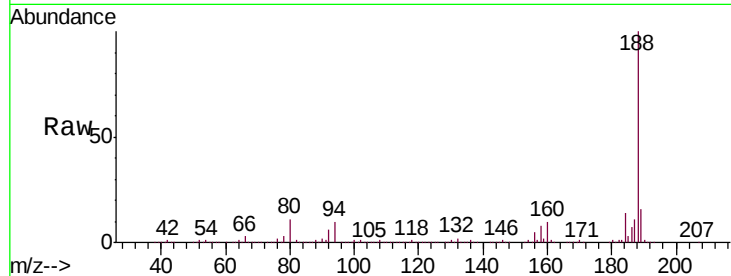




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1556
Delta R.T. -0.03 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

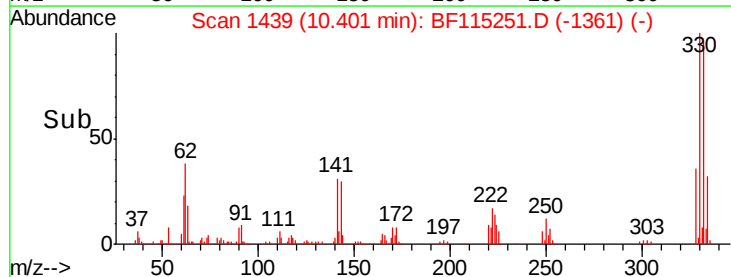
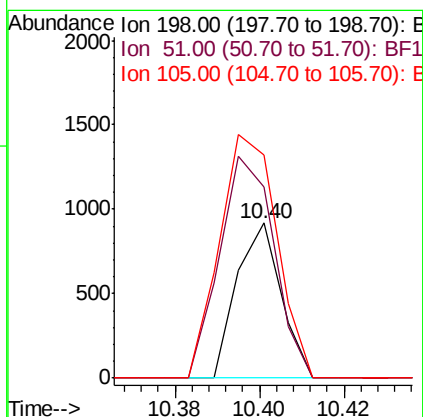
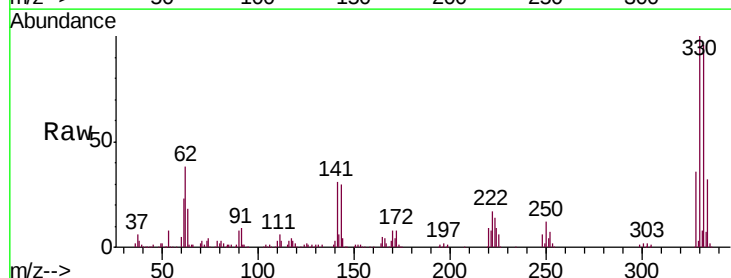
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

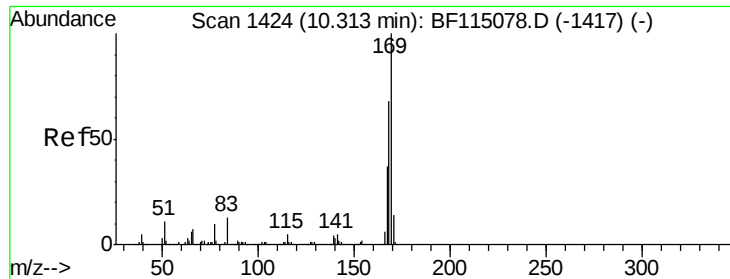
Tgt Ion:188 Resp: 830934
Ion Ratio Lower Upper
188 100
94 10.1 8.6 12.8
80 10.6 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.095 ng
RT: 10.40 min Scan# 1439
Delta R.T. 0.16 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion:198 Resp: 667
Ion Ratio Lower Upper
198 100
51 123.5 11.0 51.0#
105 143.6 17.3 57.3#

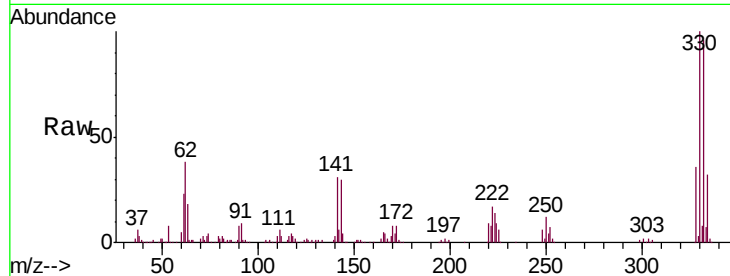




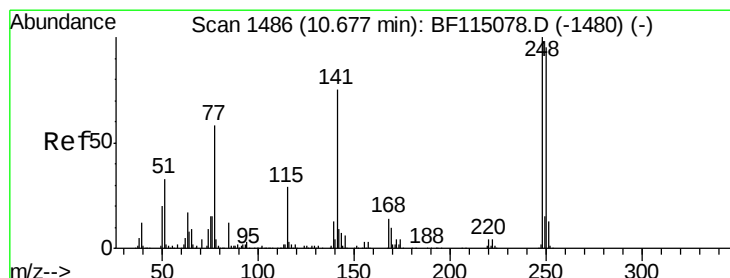
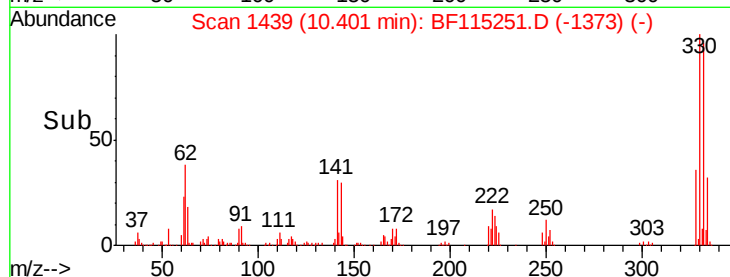
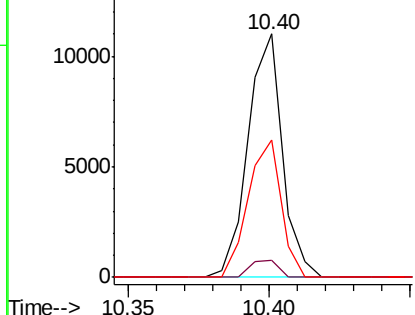
#66
 n-Nitrosodiphenylamine
 Concen: 0.359 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.09 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion:169 Resp: 9304
 Ion Ratio Lower Upper
 169 100
 168 7.3 54.2 81.4#
 167 56.4 29.4 44.0#

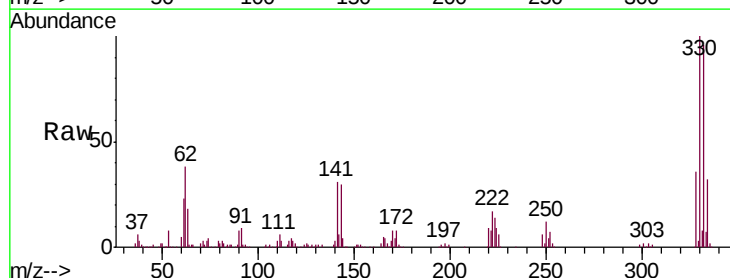


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

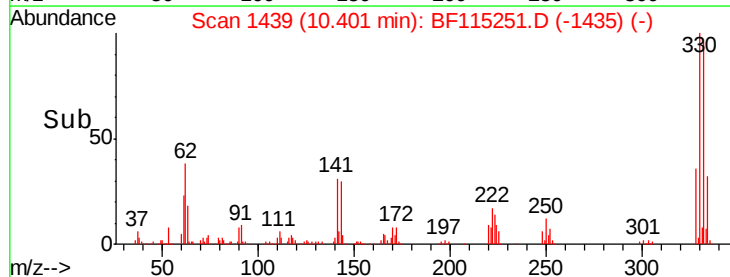
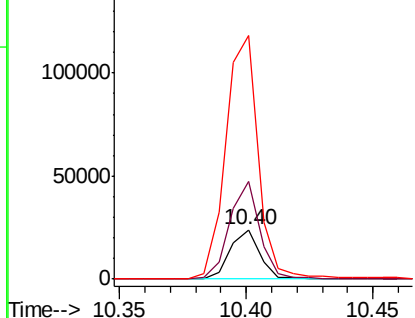


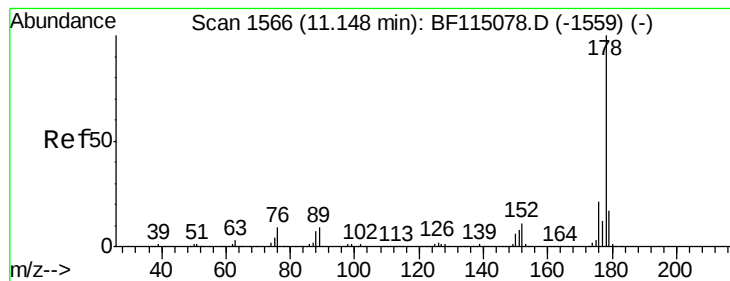
#67
 4-Bromophenyl-phenylether
 Concen: 2.147 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.28 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Tgt Ion:248 Resp: 19345
 Ion Ratio Lower Upper
 248 100
 250 198.0 76.2 114.2#
 141 495.7 59.6 89.4#



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: 0.043 ng

RT: 11.11 min Scan# 1560

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

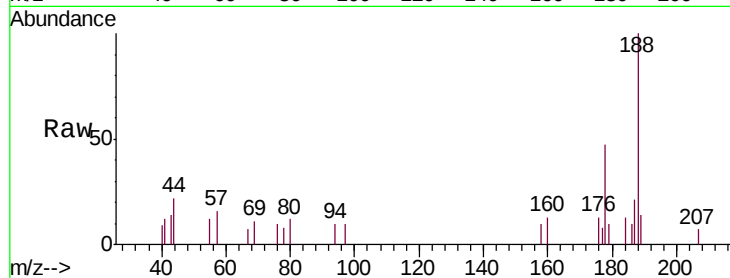
Tgt Ion:178 Resp: 1932

Ion Ratio Lower Upper

178 100

176 27.1 16.9 25.3#

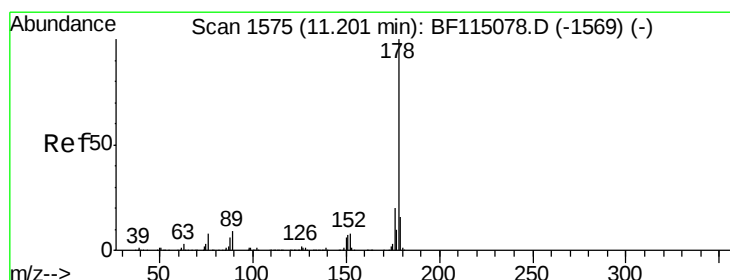
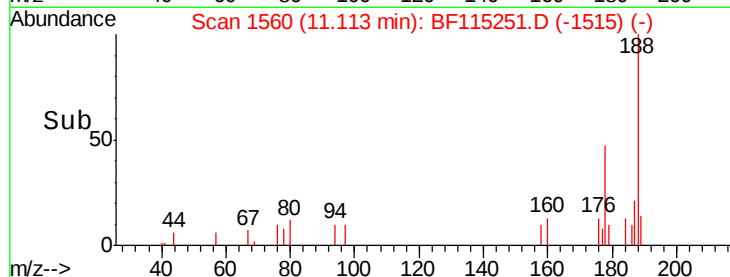
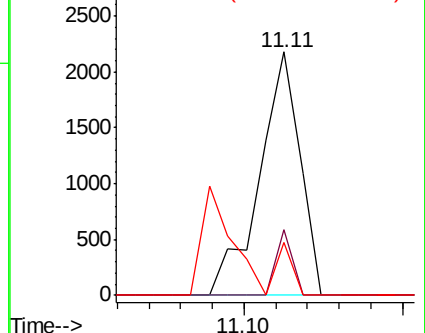
179 21.8 13.2 19.8#



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: 0.004 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

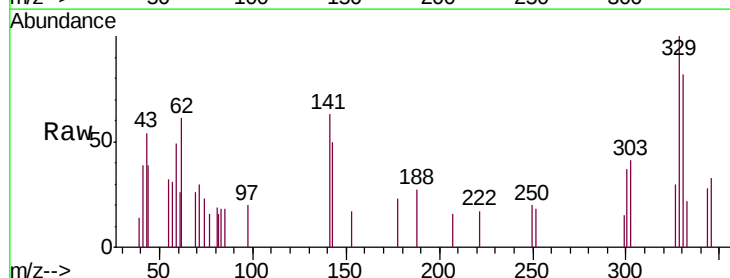
Tgt Ion:178 Resp: 173

Ion Ratio Lower Upper

178 100

176 0.0 16.1 24.1#

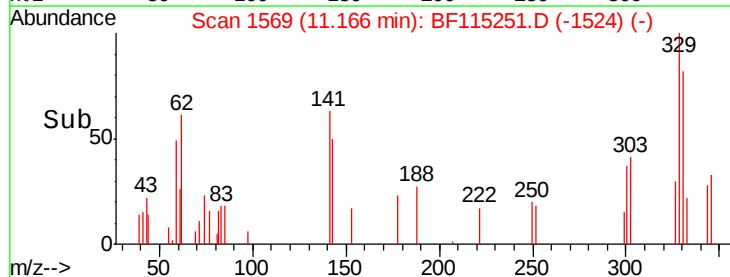
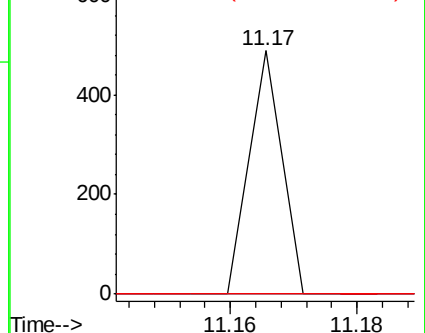
179 0.0 12.9 19.3#

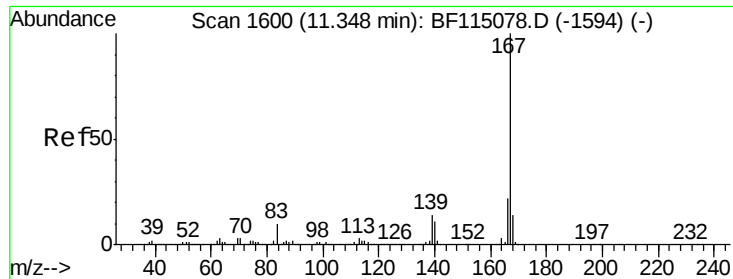


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.007 ng

RT: 11.32 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

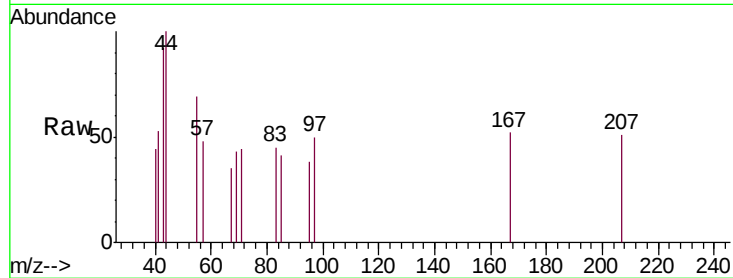
Tgt Ion:167 Resp: 279

Ion Ratio Lower Upper

167 100

166 0.0 18.0 27.0#

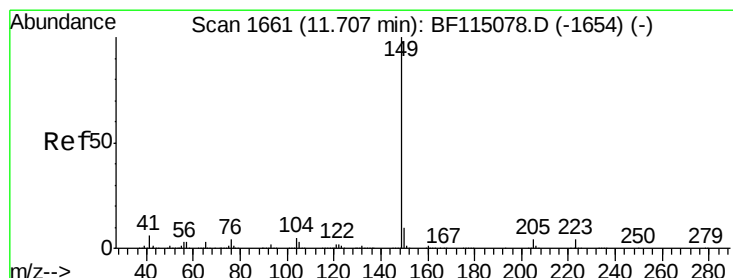
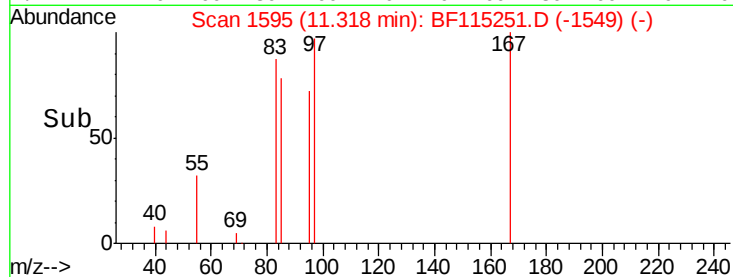
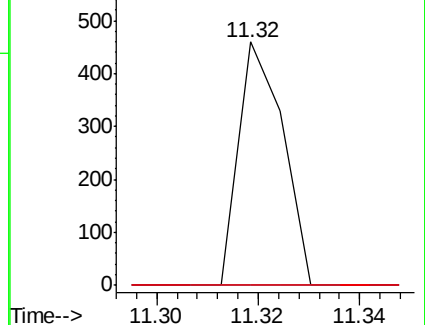
139 0.0 11.1 16.7#



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: 11.67 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

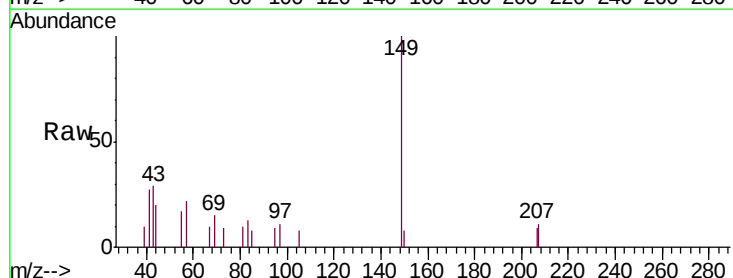
Tgt Ion:149 Resp: 2855

Ion Ratio Lower Upper

149 100

150 8.4 7.8 11.8

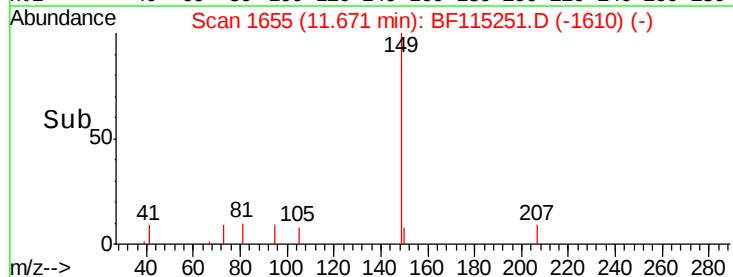
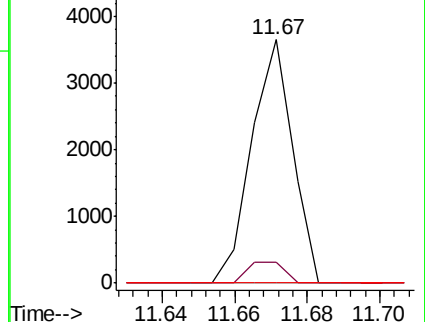
104 0.0 3.7 5.5#

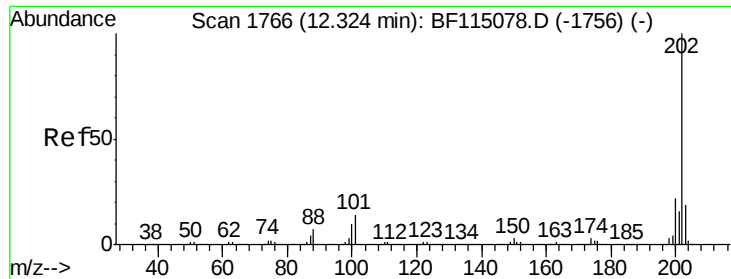


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

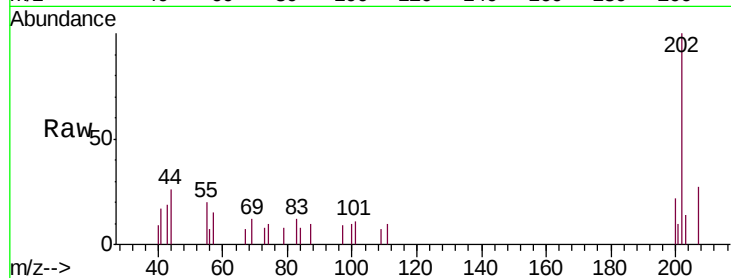




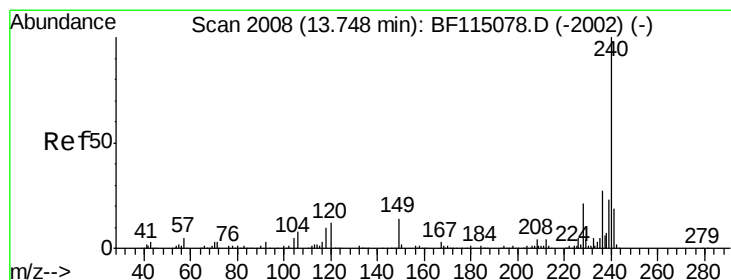
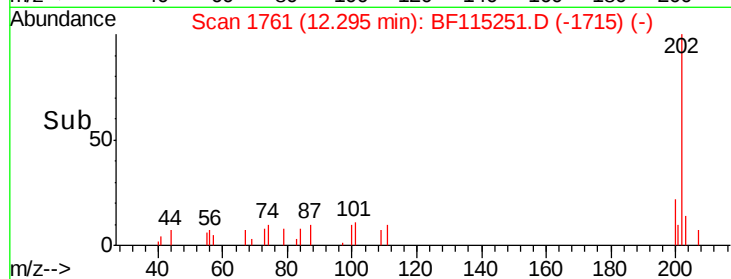
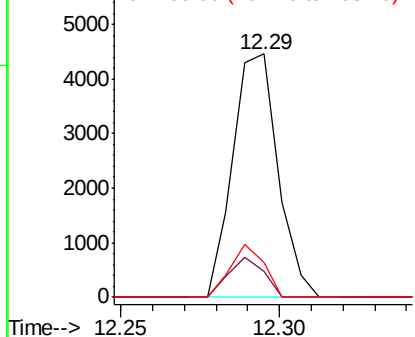
#75
 Fluoranthene
 Concen: 0.098 ng
 RT: 12.29 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion: 202 Resp: 4393
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 34.0
 203 14.2 0.0 38.8

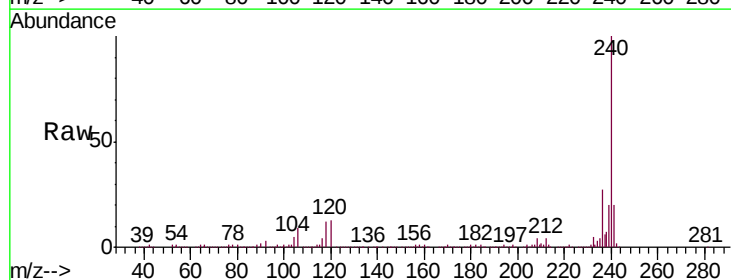


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

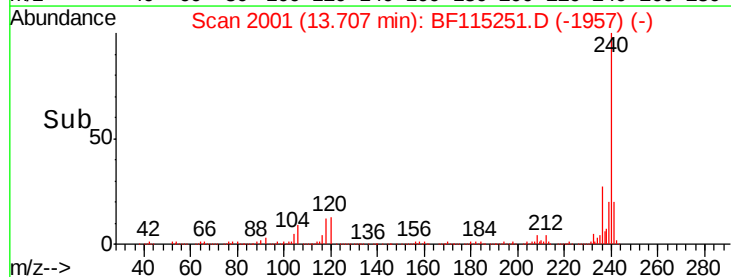
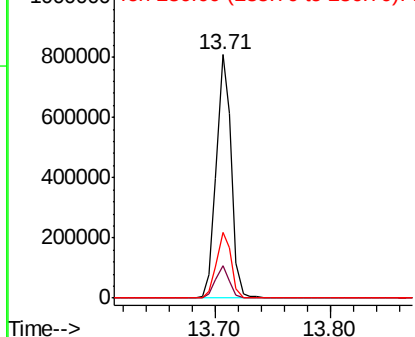


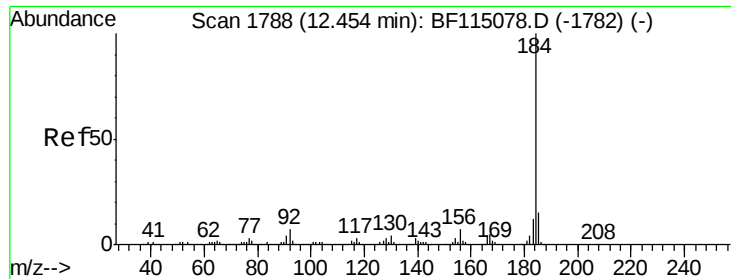
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.04 min
 Lab File: BF115251.D
 Acq: 27 Jun 2019 23:07

Tgt Ion: 240 Resp: 725231
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.4 14.2
 236 26.9 21.7 32.5



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: 0.781 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.22 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

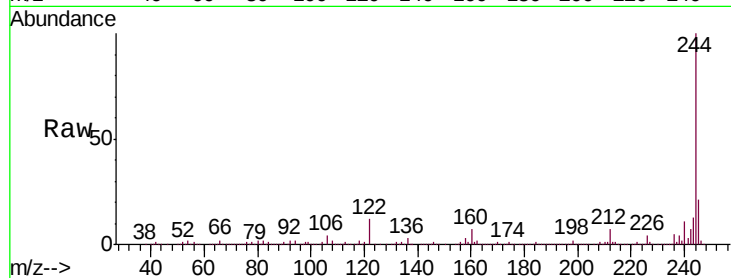
Tgt Ion:184 Resp: 25158

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

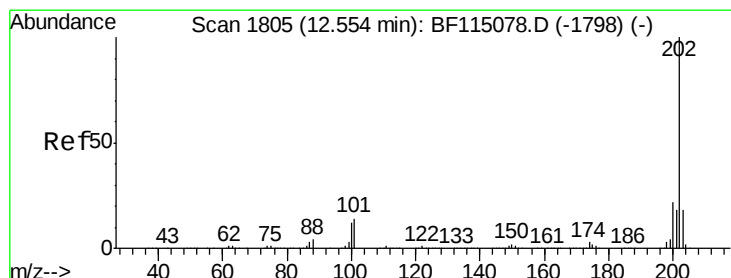
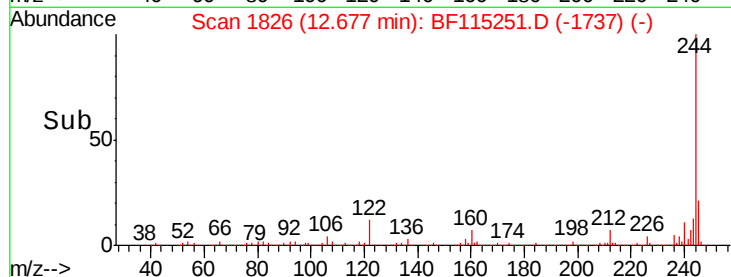
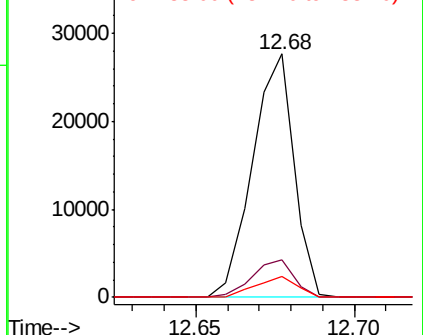
183 8.6 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.074 ng

RT: 12.51 min Scan# 1798

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

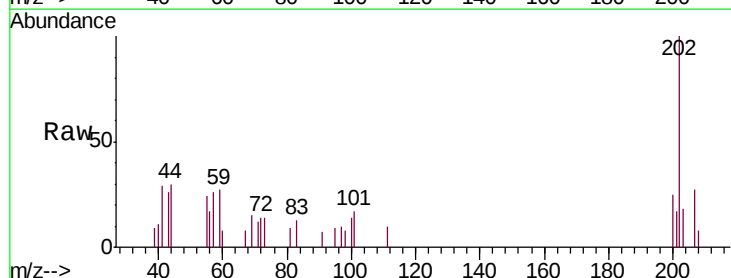
Tgt Ion:202 Resp: 4133

Ion Ratio Lower Upper

202 100

200 25.2 17.9 26.9

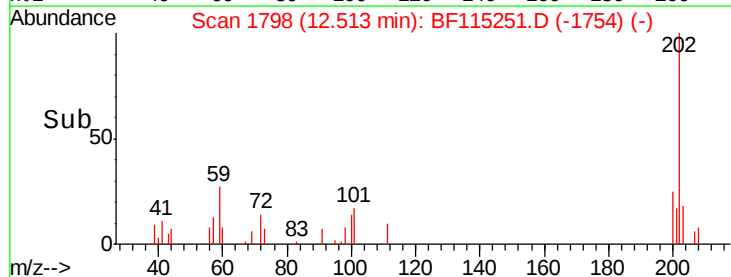
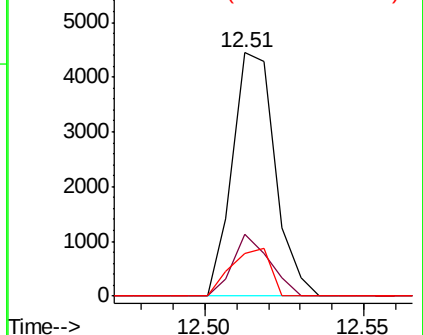
203 17.6 14.6 21.8

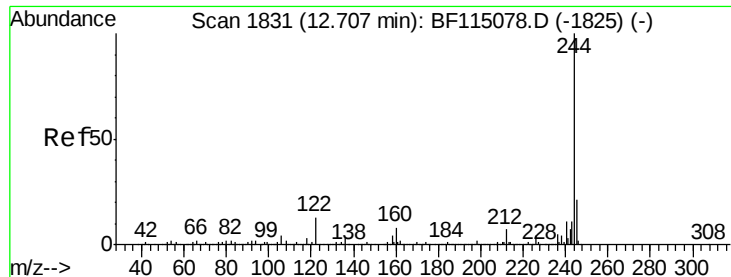


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.350 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

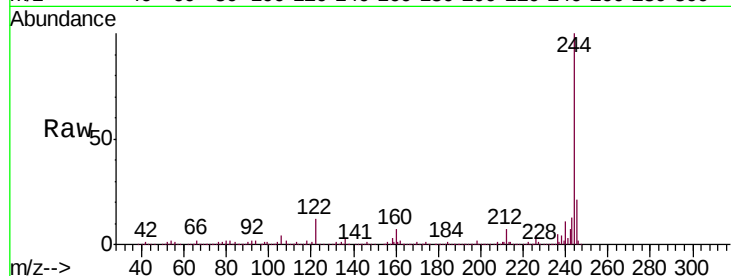
Tgt Ion:244 Resp: 1956206

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

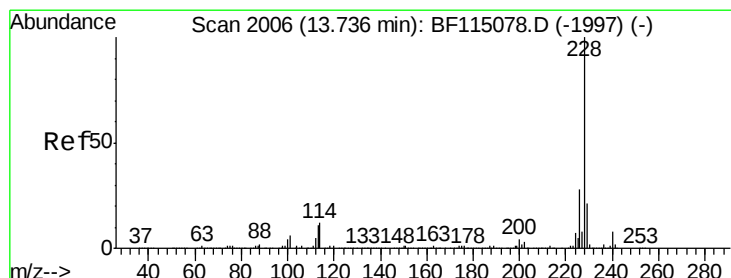
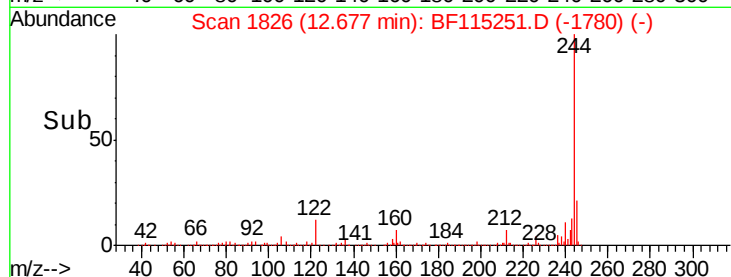
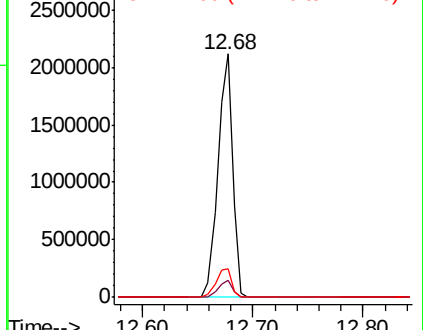
122 11.7 10.4 15.6



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



#81

Benzo(a)anthracene

Concen: 0.086 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

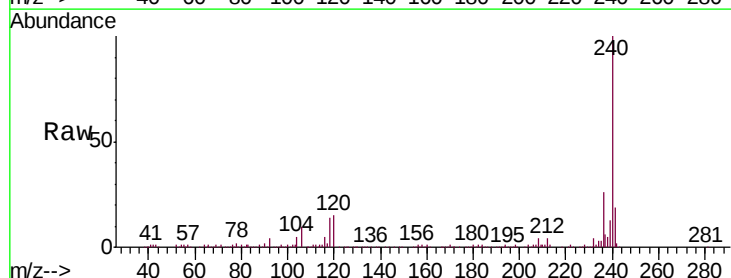
Tgt Ion:228 Resp: 4501

Ion Ratio Lower Upper

228 100

226 24.4 22.5 33.7

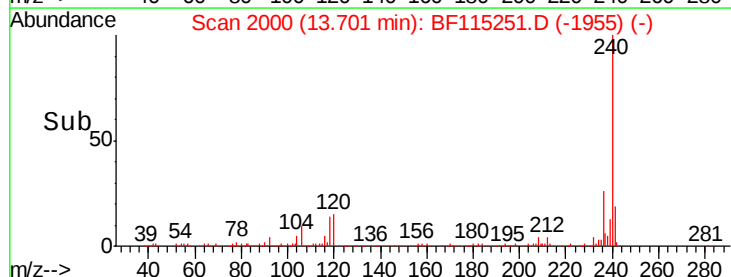
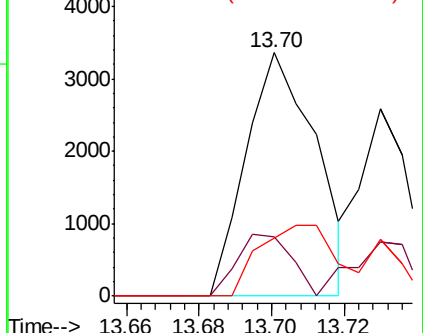
229 24.0 16.6 24.8

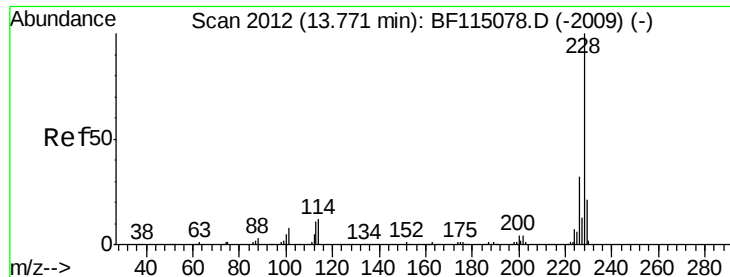


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.048 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

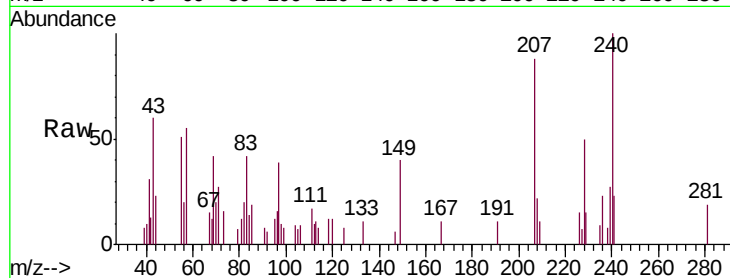
Tgt Ion:228 Resp: 2287

Ion Ratio Lower Upper

228 100

226 29.0 25.4 38.0

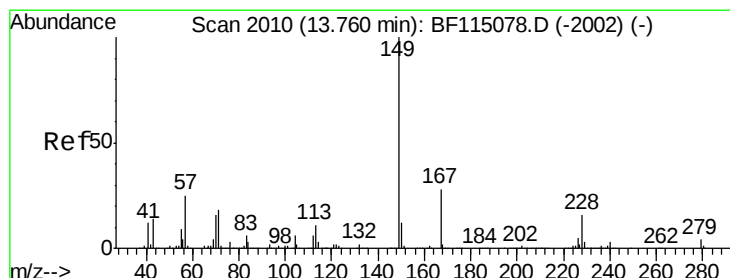
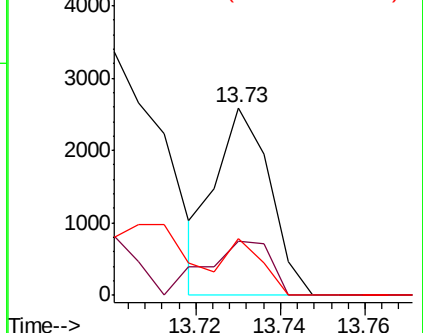
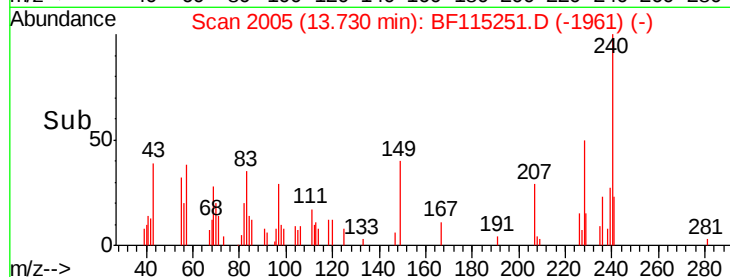
229 29.9 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.130 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.04 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

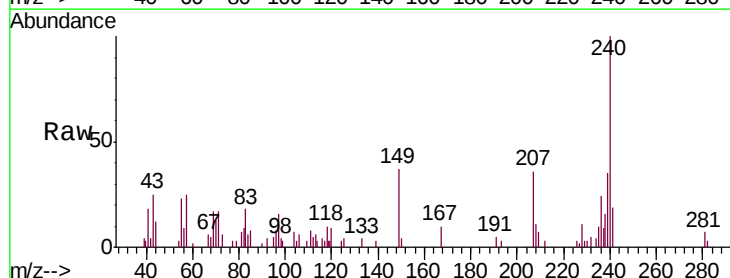
Tgt Ion:149 Resp: 4186

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.4

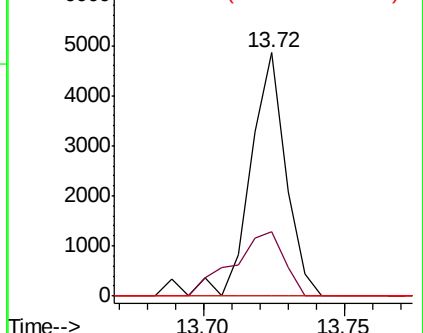
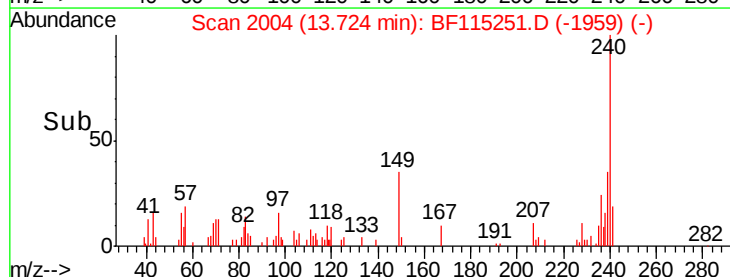
279 0.0 2.9 4.3#

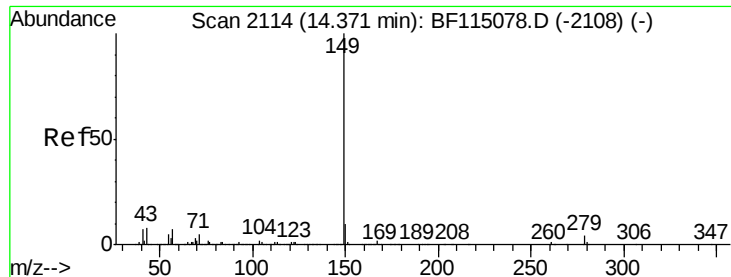


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.020 ng

RT: 14.32 min Scan# 2106

Delta R.T. -0.05 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

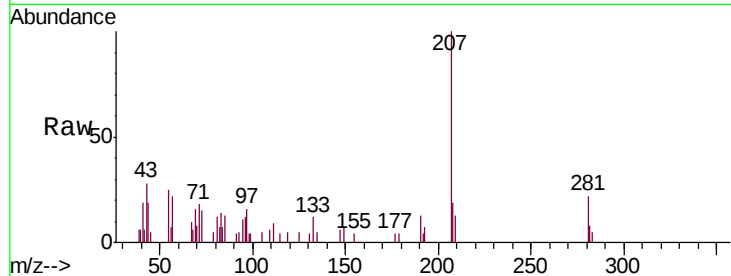
Tgt Ion:149 Resp: 1075

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

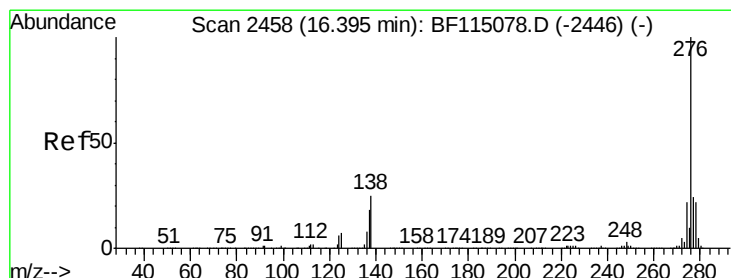
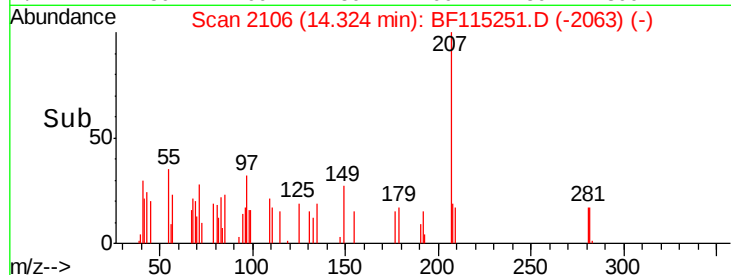
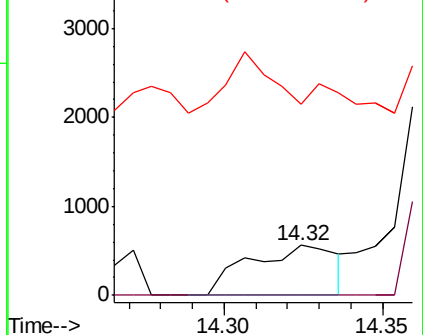
43 0.0 7.0 10.6#



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: 0.026 ng

RT: 16.32 min Scan# 2445

Delta R.T. -0.08 min

Lab File: BF115251.D

Acq: 27 Jun 2019 23:07

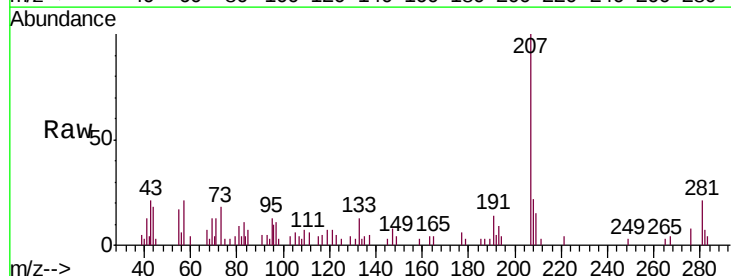
Tgt Ion:276 Resp: 1469

Ion Ratio Lower Upper

276 100

138 27.5 23.2 34.8

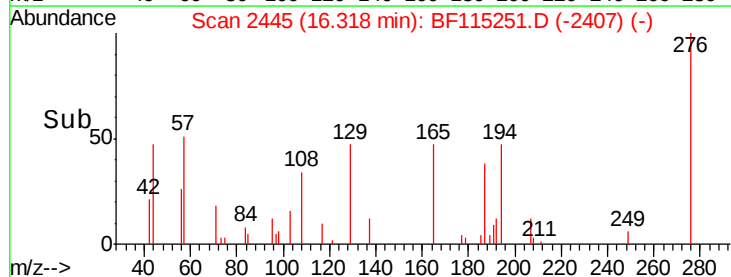
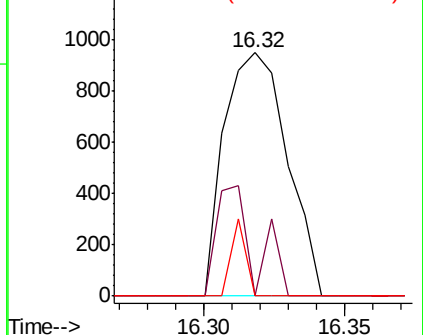
277 7.2 20.1 30.1#

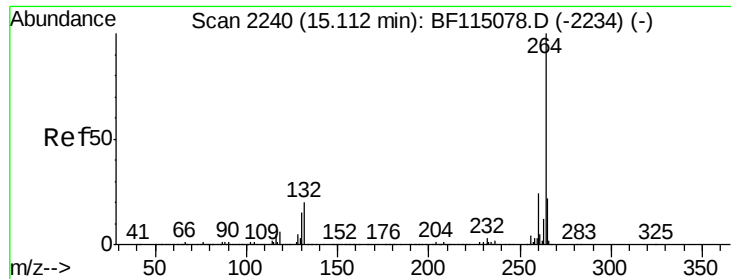


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



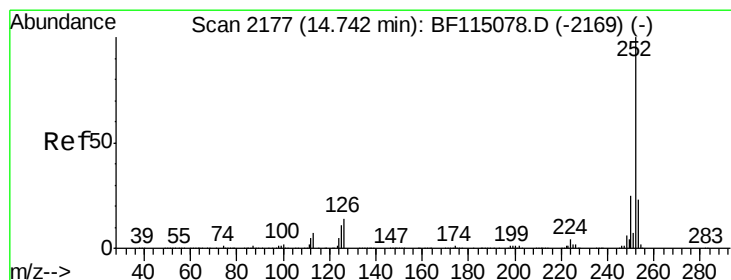
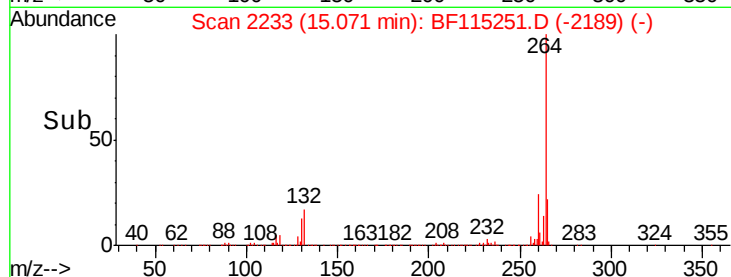
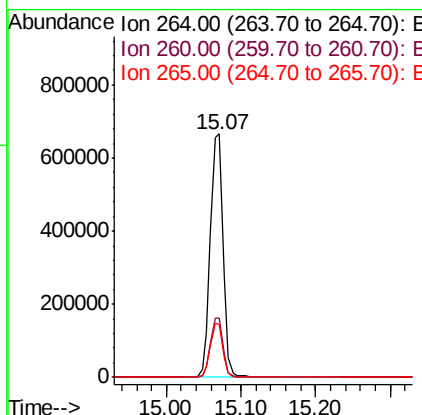
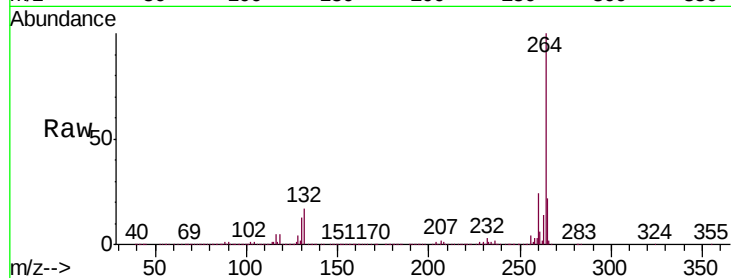


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:264 Resp: 786389

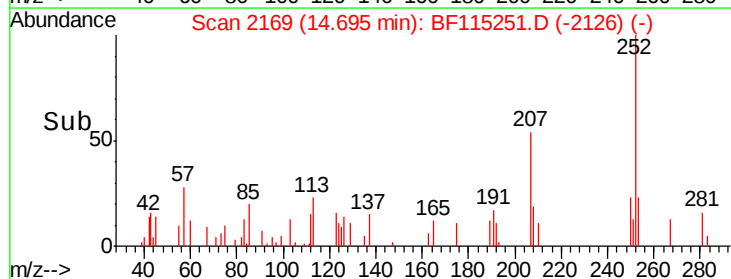
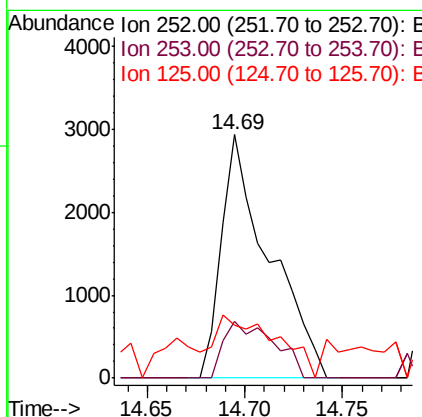
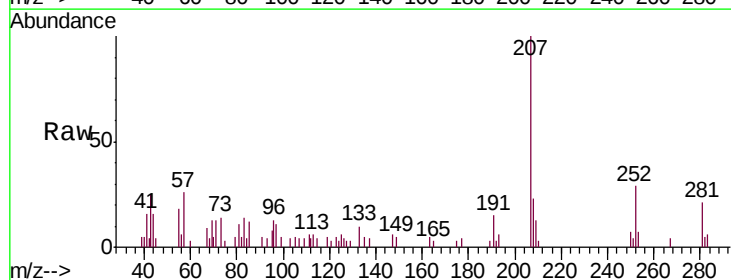
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.7	17.3	25.9

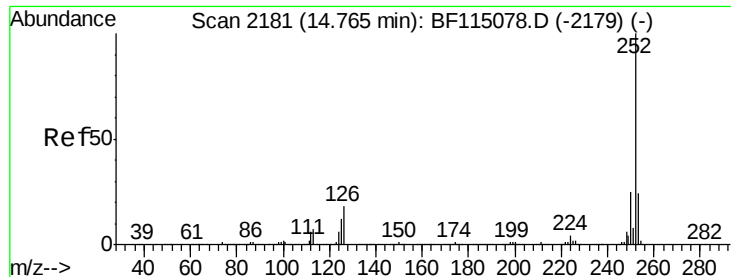


#88
Benzo(b)fluoranthene
Concen: 0.101 ng
RT: 14.69 min Scan# 2169
Delta R.T. -0.05 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion:252 Resp: 4960

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	21.7	8.7	13.1#

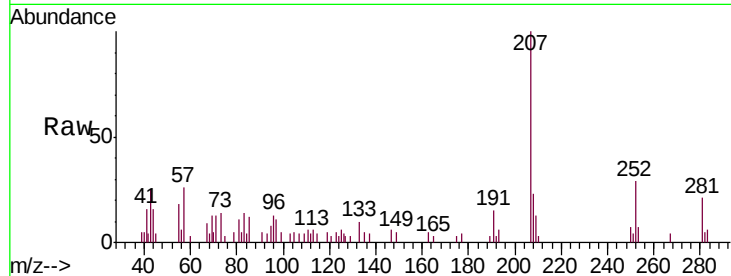




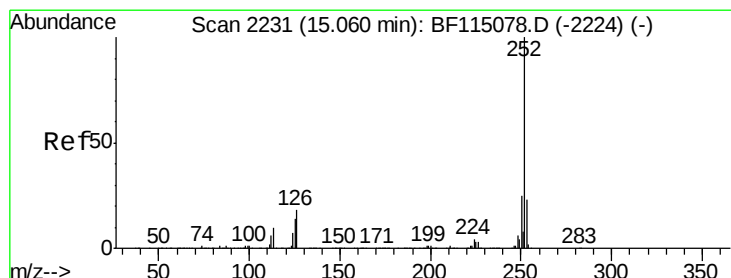
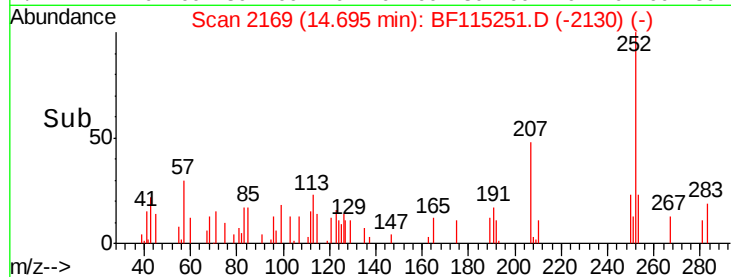
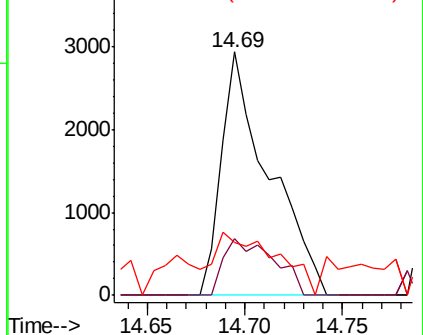
#89
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 14.69 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:252 Resp: 4960
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 21.7 10.2 15.2#

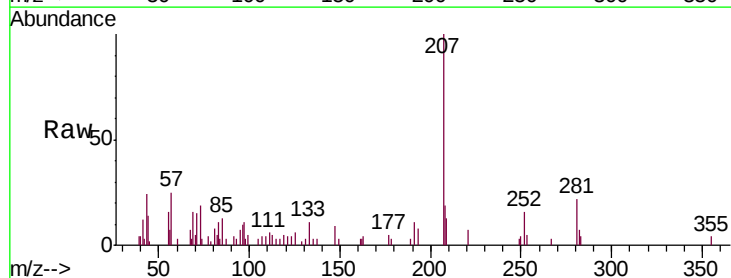


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

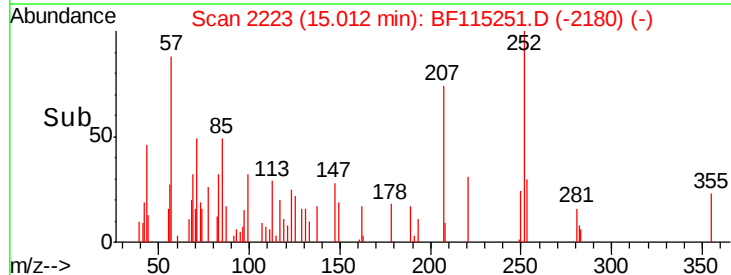
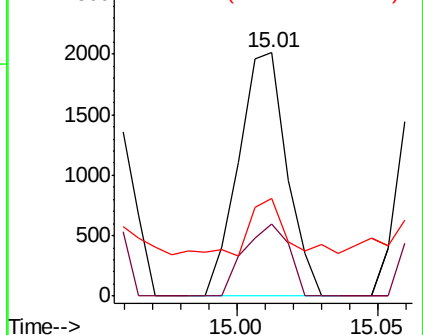


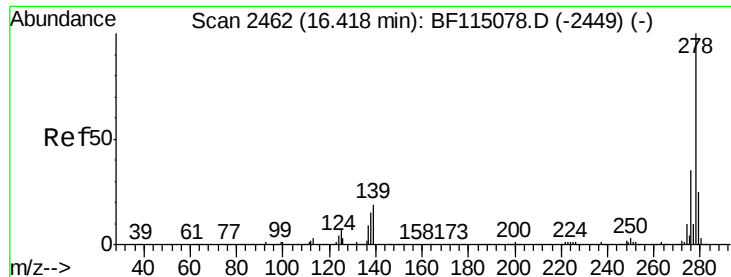
#90
Benzo(a)pyrene
Concen: 0.054 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion:252 Resp: 2397
Ion Ratio Lower Upper
252 100
253 29.6 18.3 27.5#
125 40.1 10.9 16.3#



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



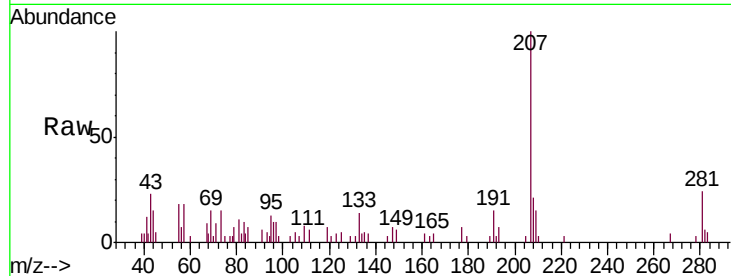


#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 16.17 min Scan# 2420
Delta R.T. -0.25 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

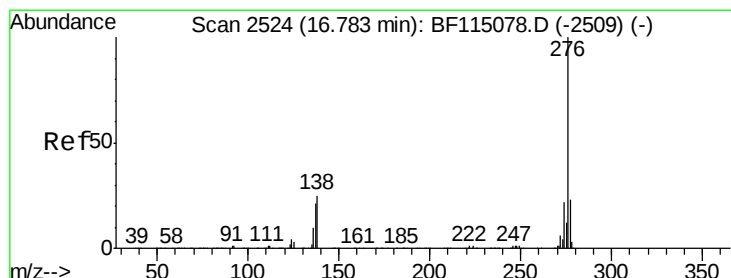
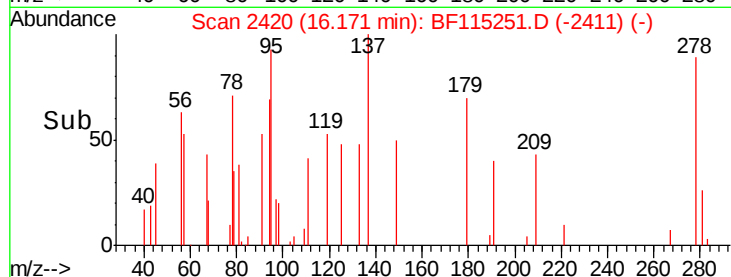
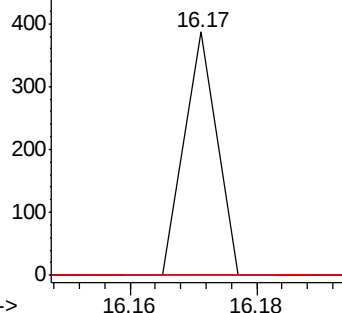
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion: 278 Resp: 137

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.4	23.2#
279	0.0	19.9	29.9#



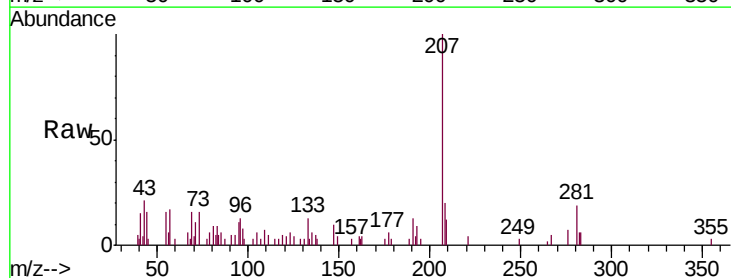
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 0.035 ng
RT: 16.69 min Scan# 2508
Delta R.T. -0.09 min
Lab File: BF115251.D
Acq: 27 Jun 2019 23:07

Tgt Ion: 276 Resp: 1444

Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0#
138	52.5	19.8	29.6#



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

