

Data File : BF114804.D
Acq On : 4 Jun 2019 21:14
Operator : HP/JU
Sample : K2641-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

Quant Time: Jun 05 04:27:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	208896	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	793320	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	395007	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	818202	20.00	ng	0.00
76) Chrysene-d12	13.78	240	713442	20.00	ng	-0.01
87) Perylene-d12	15.16	264	770659	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1362463	113.97	ng	0.00
7) Phenol-d6	6.29	99	1493264	102.65	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1124241	87.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	569432	133.77	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2187994	103.76	ng	0.00
79) Terphenyl-d14	12.74	244	2754412	75.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	654	0.115	ng	# 49
3) Pyridine	2.96	79	128	0.008	ng	# 1
4) n-Nitrosodimethylamine	2.92	42	351	0.061	ng	# 1
6) Aniline	6.43	93	2178	0.106	ng	# 1
8) 2-Chlorophenol	6.45	128	491	0.036	ng	# 1
9) Benzaldehyde	6.29	77	2487	0.246	ng	# 1
10) Phenol	6.30	94	278	0.017	ng	# 1
11) bis(2-Chloroethyl)ether	6.43	93	2178	0.168	ng	# 1
15) Benzyl Alcohol	6.82	79	17691	1.608	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	6.93	45	447	0.024	ng	# 65
17) 2-Methylphenol	6.81	107	215	0.018	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	152758	15.864	ng	# 78
20) 3+4-Methylphenols	6.81	107	215	0.017	ng	# 1
22) Acetophenone	7.07	105	3215	0.184	ng	# 91
24) Nitrobenzene	7.22	77	3304	0.247	ng	# 31
25) Isophorone	7.22	82	1094029	42.941	ng	# 61
27) 2,4-Dimethylphenol	7.65	122	1048	0.095	ng	# 5
28) bis(2-Chloroethoxy)methane	7.94	93	108	0.007	ng	# 1
31) Naphthalene	7.96	128	2173	0.061	ng	# 95
32) Benzoic acid	7.75	122	133	0.017	ng	# 42
33) 4-Chloroaniline	7.96	127	160	0.009	ng	# 24
35) Caprolactam	8.33	113	343	0.091	ng	# 57
37) 2-Methylnaphthalene	8.65	142	437	0.018	ng	# 82
38) 1-Methylnaphthalene	8.75	142	393	0.017	ng	# 1
46) 1,1'-Biphenyl	9.12	154	4540	0.155	ng	# 94
48) 2-Nitroaniline	9.02	65	3124	0.421	ng	# 1
49) Acenaphthylene	9.55	152	948	0.026	ng	# 57
50) Dimethylphthalate	9.69	163	111024	3.848	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	50080	7.381	ng	# 32
52) Acenaphthene	9.72	154	545	0.023	ng	# 96
53) 3-Nitroaniline	9.80	138	106	0.013	ng	# 7
55) Dibenzofuran	9.89	168	498	0.015	ng	# 75
56) 4-Nitrophenol	9.89	139	117	0.020	ng	# 12
57) 2,4-Dinitrotoluene	9.69	165	50080	5.872	ng	# 32

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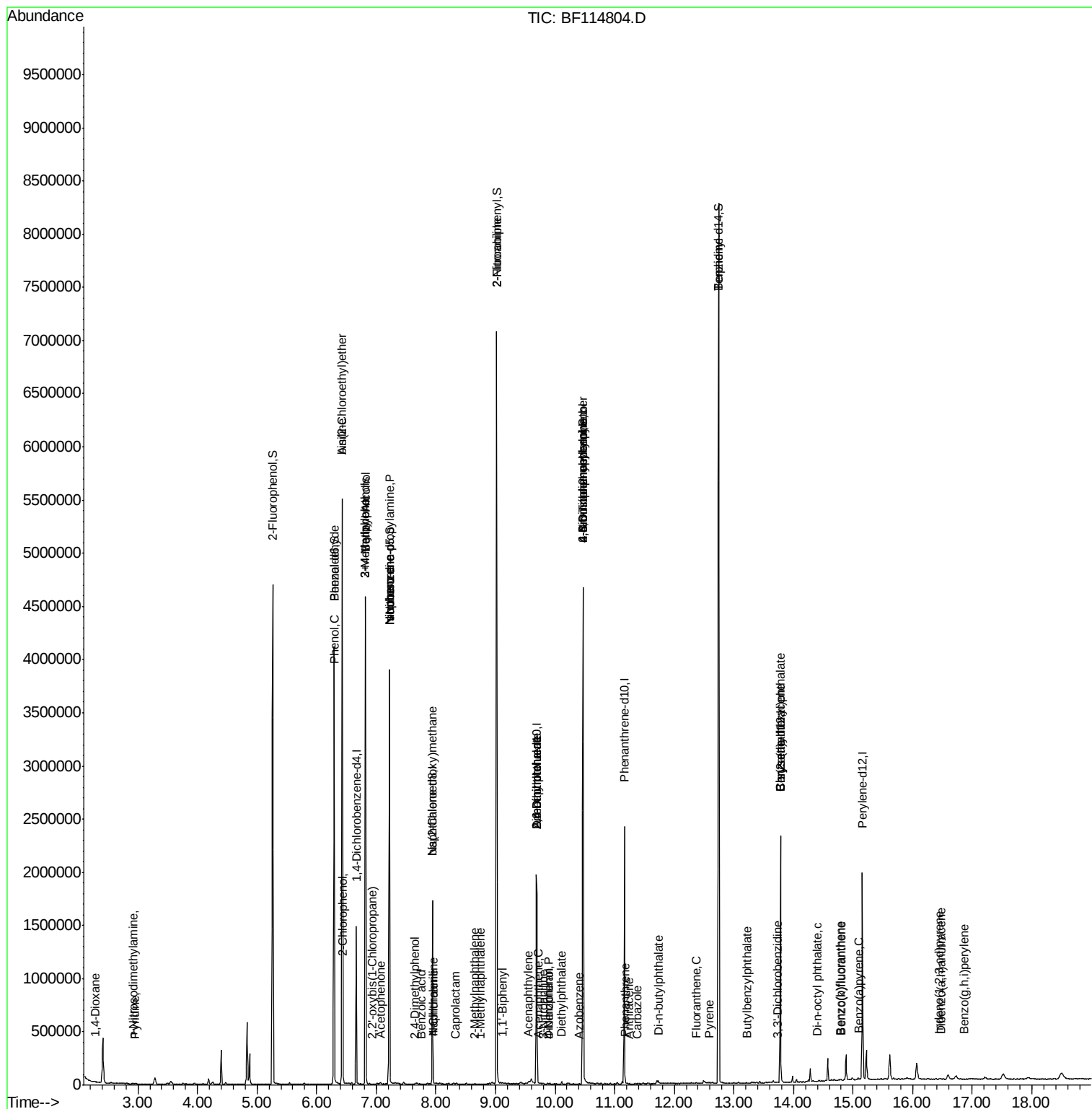
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.47	166	26475	Below Cal	#	87
60) Diethylphthalate	10.11	149	3002	0.104 ng	#	93
63) Azobenzene	10.40	77	1019	0.041 ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.47	198	1225	0.288 ng	#	1
66) n-Nitrosodiphenylamine	10.47	169	16608	0.671 ng	#	41
67) 4-Bromophenyl-phenylether	10.47	248	37105	3.993 ng	#	1
71) Phenanthrene	11.19	178	2264	0.058 ng	#	93
72) Anthracene	11.23	178	839	0.020 ng	#	57
73) Carbazole	11.39	167	856	0.024 ng	#	60
74) Di-n-butylphthalate	11.73	149	13248	0.286 ng	#	93
75) Fluoranthene	12.36	202	1271	0.031 ng	#	67
77) Benzidine	12.74	184	36960	1.046 ng	#	95
78) Pyrene	12.59	202	1060	0.017 ng	#	79
80) Butylbenzylphthalate	13.22	149	871	0.028 ng	#	63
81) Benzo(a)anthracene	13.78	228	3005	0.055 ng	#	71
82) 3,3'-Dichlorobenzidine	13.74	252	143	0.006 ng	#	26
83) Chrysene	13.78	228	3005	0.056 ng	#	68
84) Bis(2-ethylhexyl)phthalate	13.79	149	2791	0.071 ng	#	66
85) Di-n-octyl phthalate	14.39	149	1673	0.025 ng	#	77
86) Indeno(1,2,3-cd)pyrene	16.46	276	518	0.008 ng	#	71
88) Benzo(b)fluoranthene	14.77	252	878	0.018 ng	#	58
89) Benzo(k)fluoranthene	14.79	252	638	0.015 ng	#	57
90) Benzo(a)pyrene	15.10	252	637	0.015 ng	#	33
91) Dibenzo(a,h)anthracene	16.47	278	826	0.021 ng	#	54
92) Benzo(g,h,i)perylene	16.85	276	291	0.007 ng	#	51

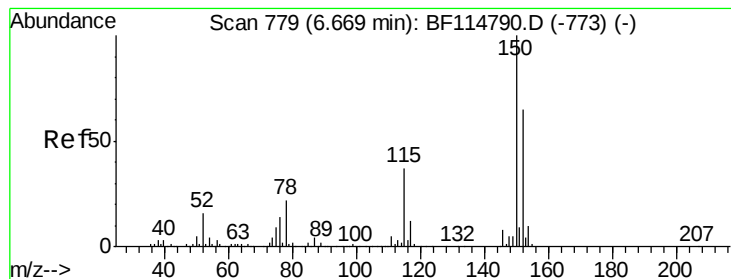
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

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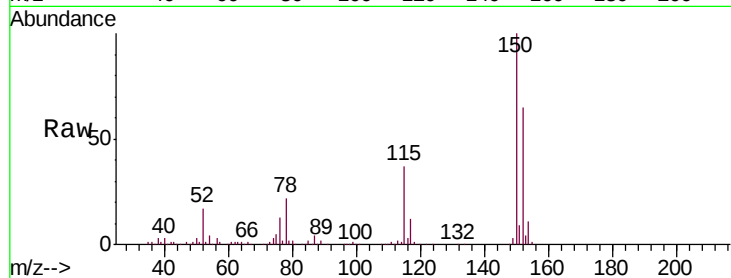
Tgt Ion:152 Resp: 208896

Ion Ratio Lower Upper

152 100

150 154.2 124.0 186.0

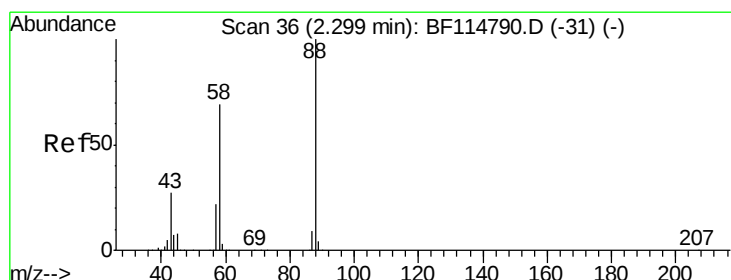
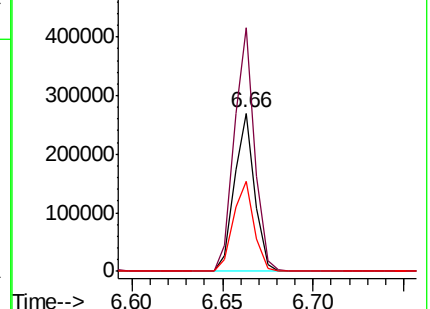
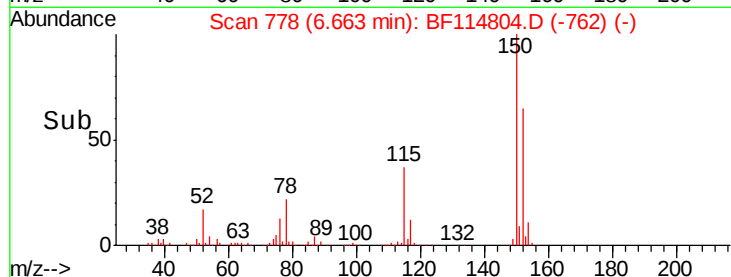
115 57.3 46.3 69.5



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



#2

1,4-Dioxane

Concen: 0.115 ng

RT: 2.29 min Scan# 35

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

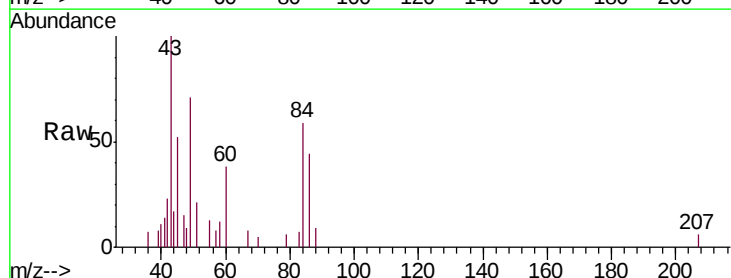
Tgt Ion: 88 Resp: 654

Ion Ratio Lower Upper

88 100

58 25.8 53.8 80.8#

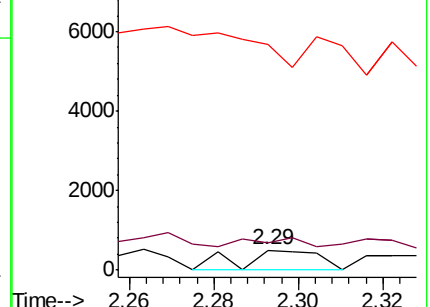
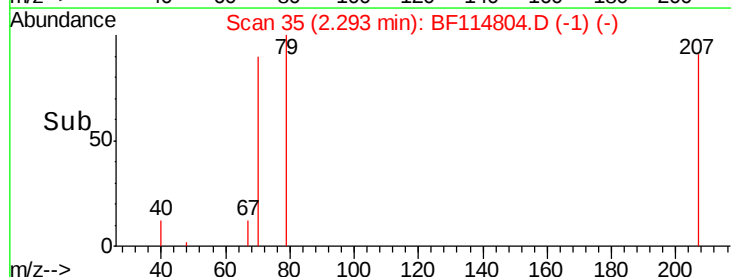
43 0.0 20.7 31.1#

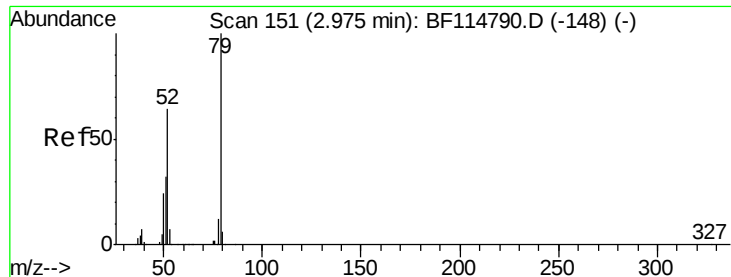


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.008 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

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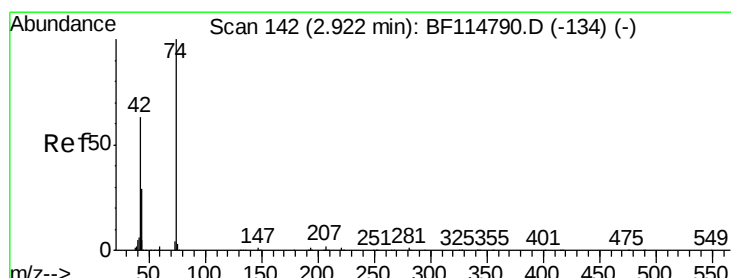
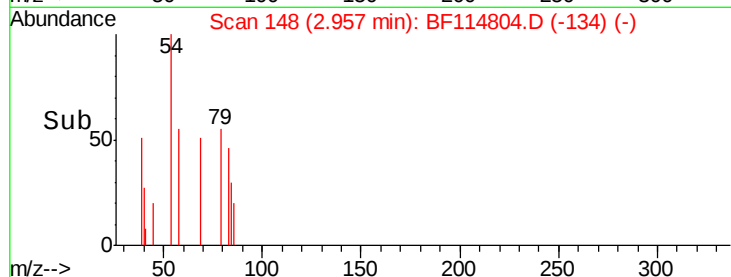
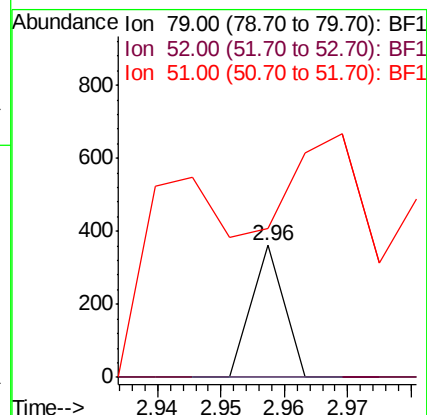
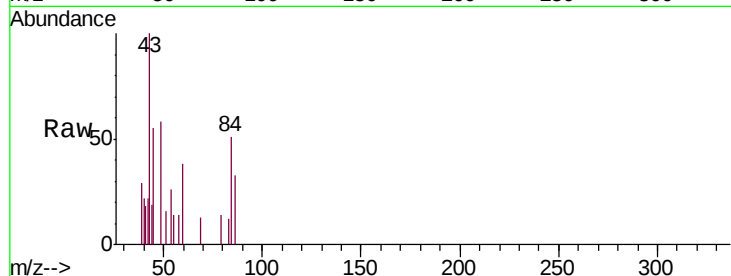
Tgt Ion: 79 Resp: 128

Ion Ratio Lower Upper

79 100

52 0.0 51.0 76.4#

51 112.7 25.7 38.5#



#4

n-Nitrosodimethylamine

Concen: 0.061 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

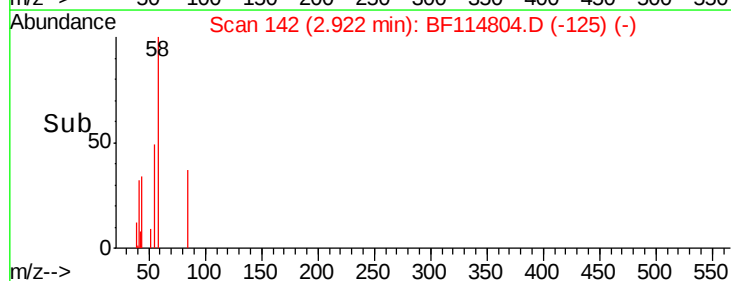
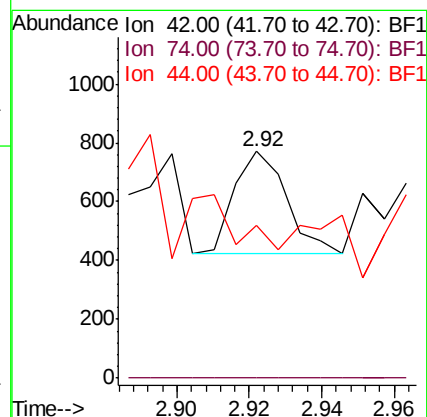
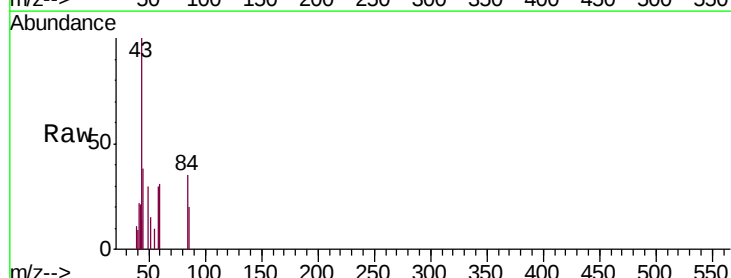
Tgt Ion: 42 Resp: 351

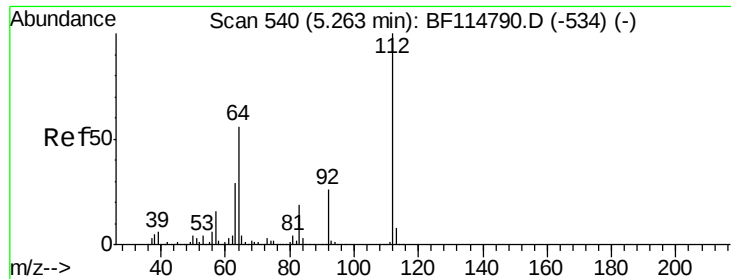
Ion Ratio Lower Upper

42 100

74 0.0 126.2 189.2#

44 67.5 5.9 8.9#





#5

2-Fluorophenol

Concen: 113.966 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

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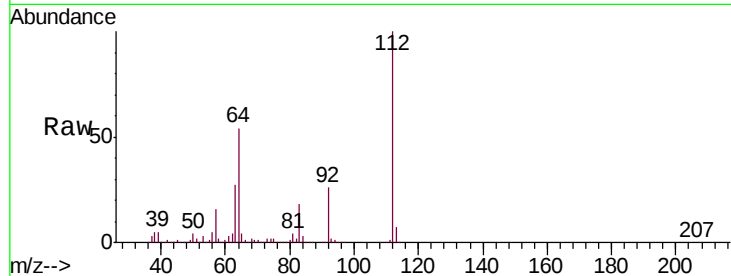
Tgt Ion:112 Resp: 1362463

Ion Ratio Lower Upper

112 100

64 53.6 44.6 66.8

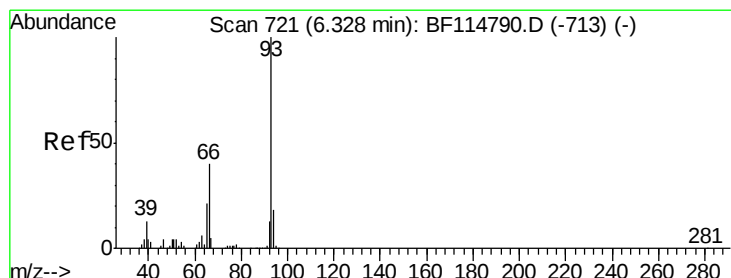
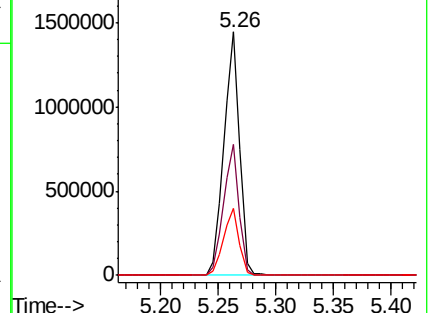
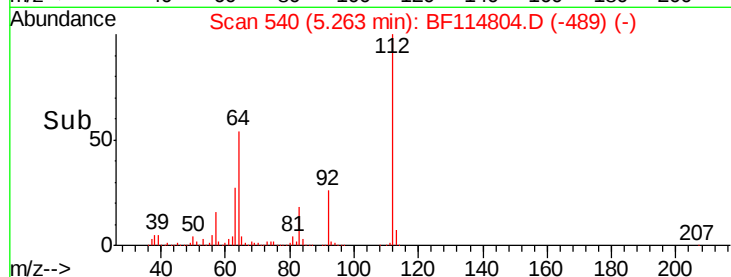
63 27.4 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.106 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.10 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

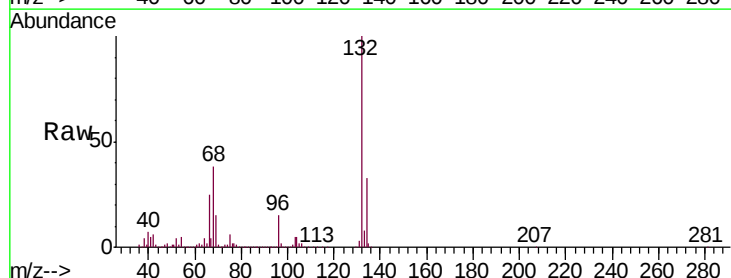
Tgt Ion: 93 Resp: 2178

Ion Ratio Lower Upper

93 100

66 17457.0 32.8 49.2#

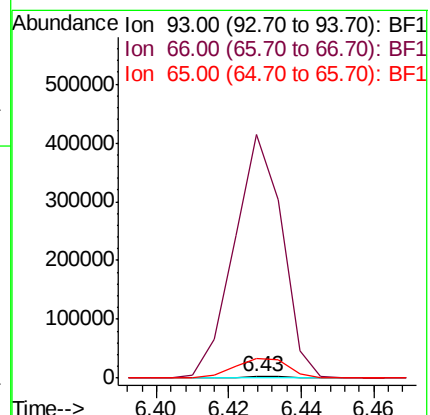
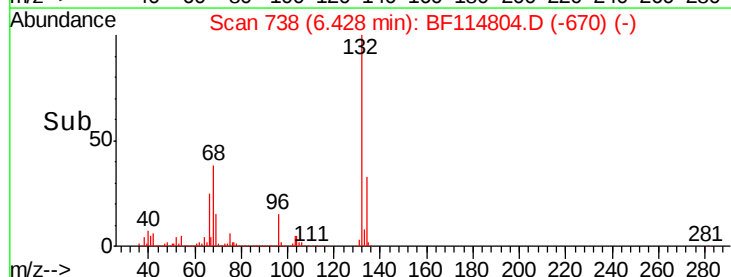
65 1388.2 16.9 25.3#

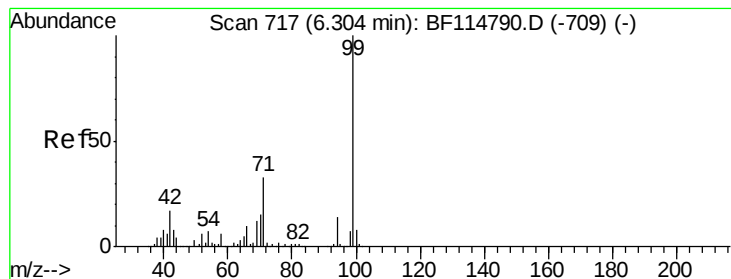


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.652 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

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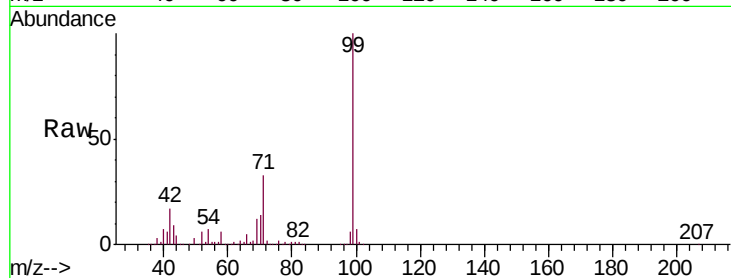
Tgt Ion: 99 Resp: 1493264

Ion Ratio Lower Upper

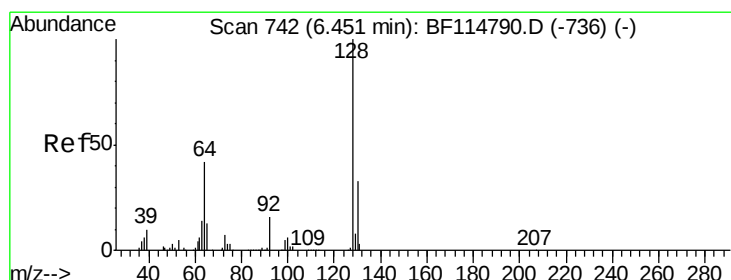
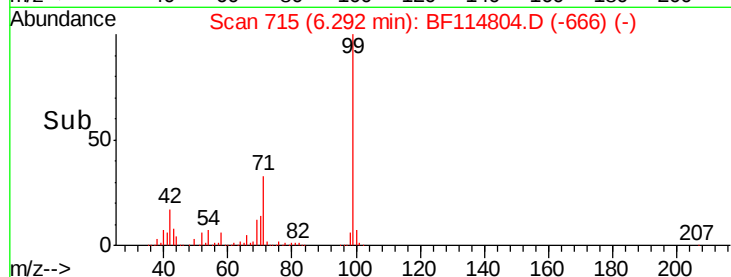
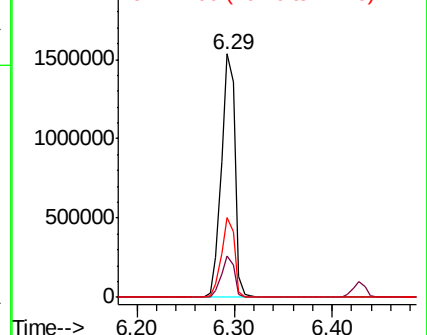
99 100

42 17.0 13.3 19.9

71 33.0 26.3 39.5



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: 0.036 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

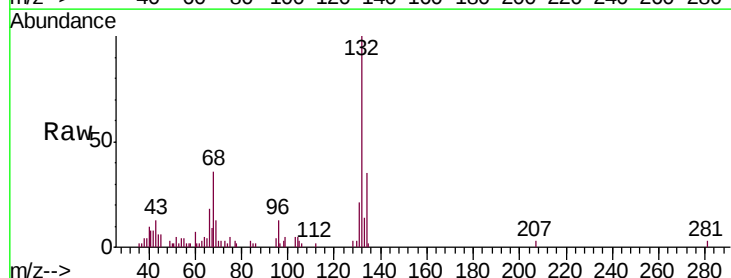
Tgt Ion:128 Resp: 491

Ion Ratio Lower Upper

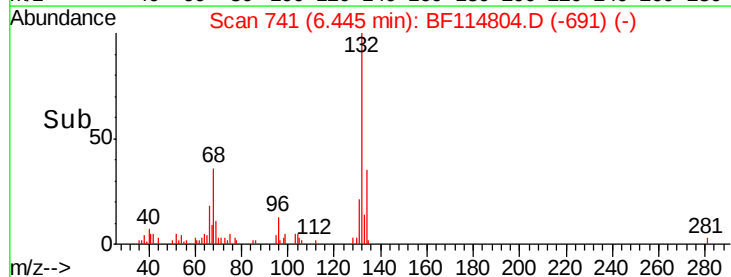
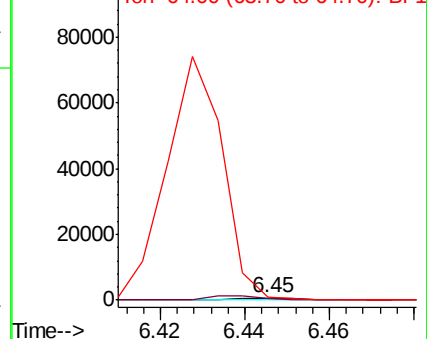
128 100

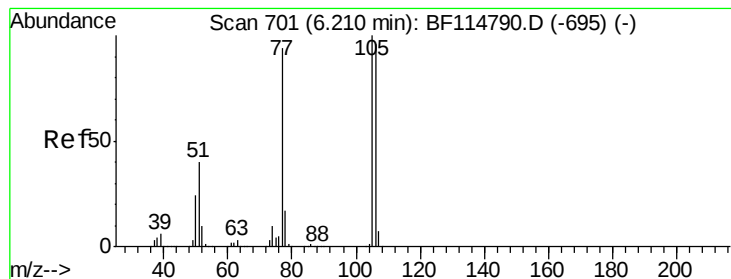
130 109.8 12.7 52.7#

64 166.3 22.5 62.5#



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: 0.246 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.08 min

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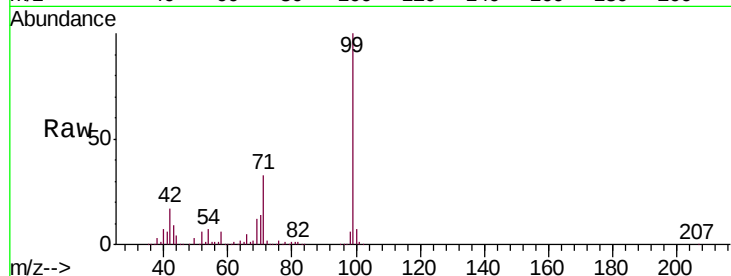
Tgt Ion: 77 Resp: 2487

Ion Ratio Lower Upper

77 100

105 0.0 85.8 125.8#

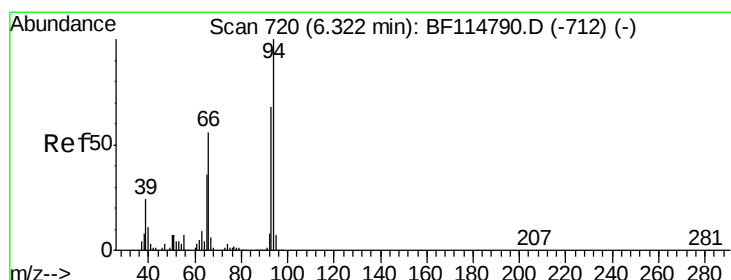
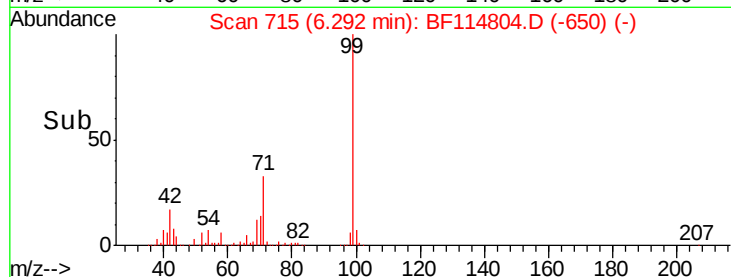
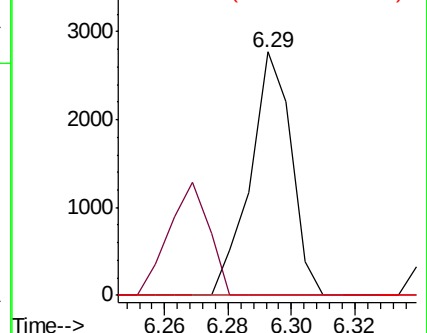
106 0.0 81.6 121.6#



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: 0.017 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

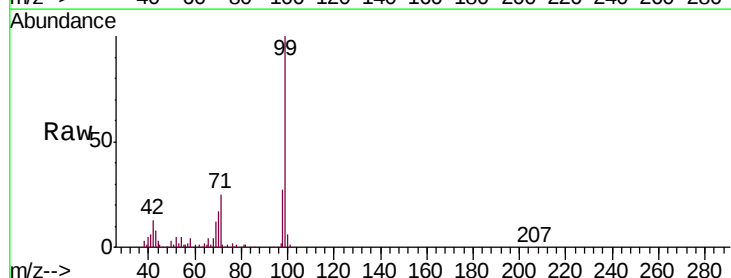
Tgt Ion: 94 Resp: 278

Ion Ratio Lower Upper

94 100

65 347.0 16.1 56.1#

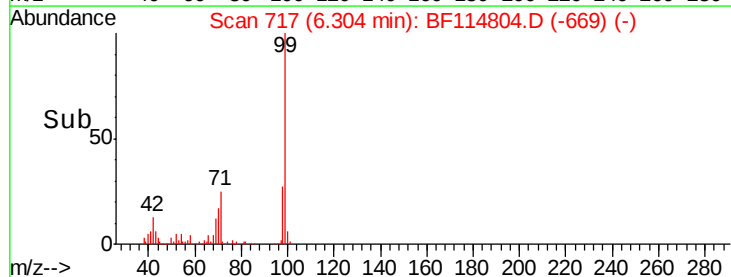
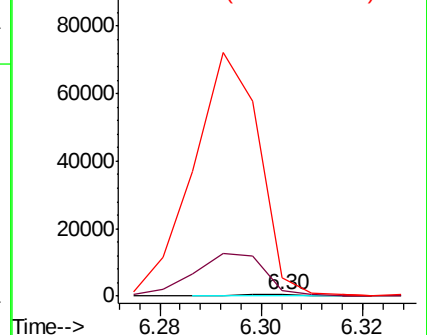
66 1219.1 36.3 76.3#

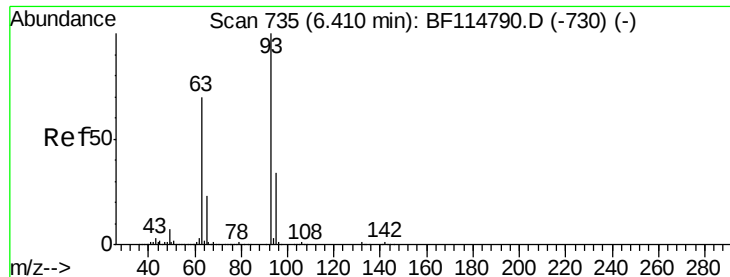


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

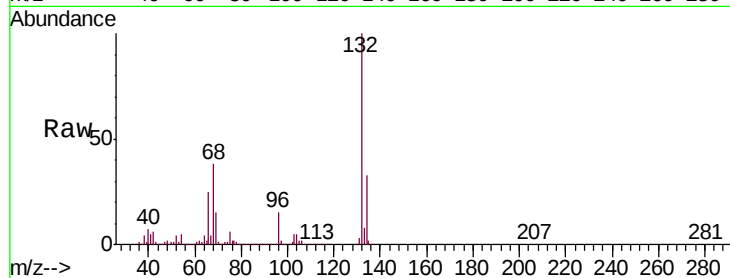




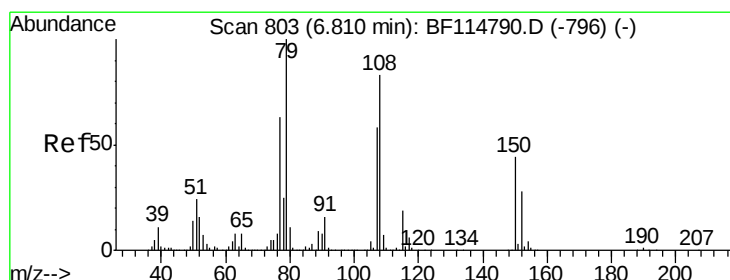
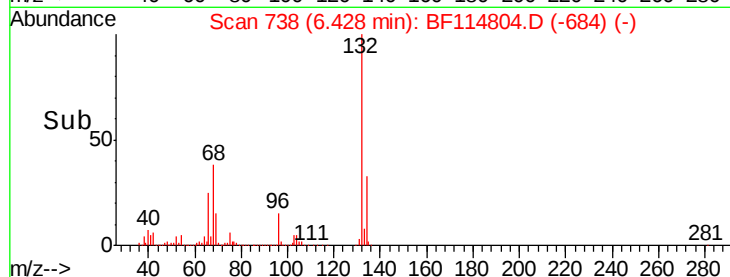
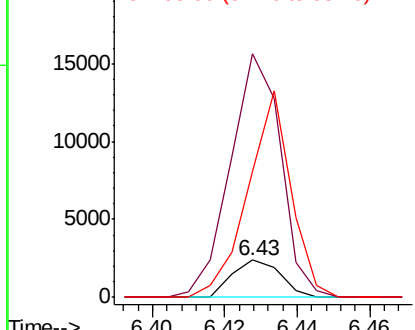
#11
bis(2-Chloroethyl)ether
Concen: 0.168 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

Tgt Ion: 93 Resp: 2178
Ion Ratio Lower Upper
93 100
63 658.9 49.6 89.6#
95 342.3 13.6 53.6#

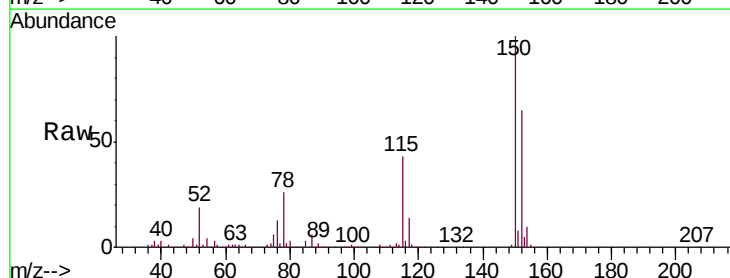


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

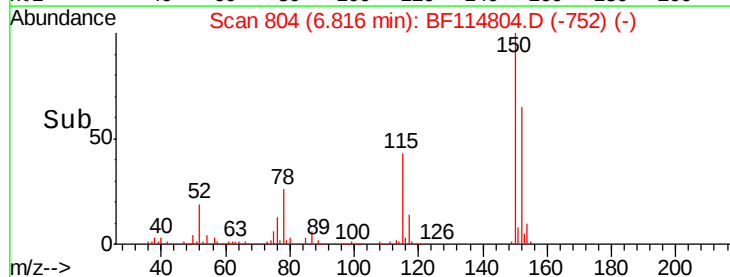
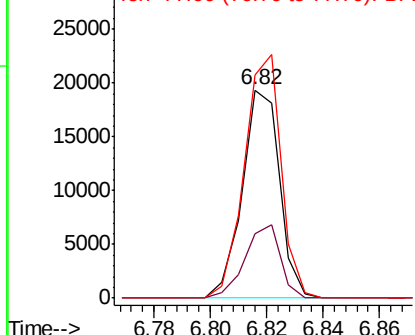


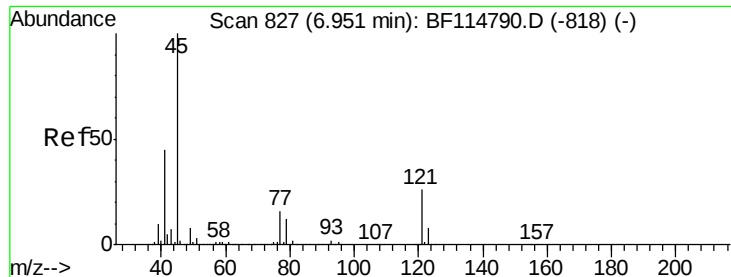
#15
Benzyl Alcohol
Concen: 1.608 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion: 79 Resp: 17691
Ion Ratio Lower Upper
79 100
108 30.8 66.8 100.2#
77 107.0 50.6 76.0#



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

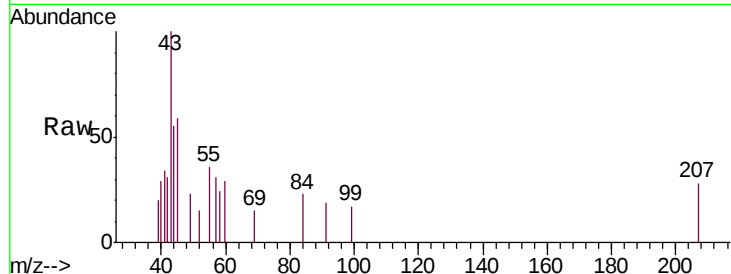




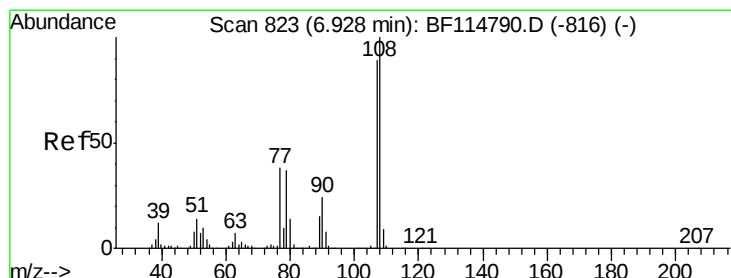
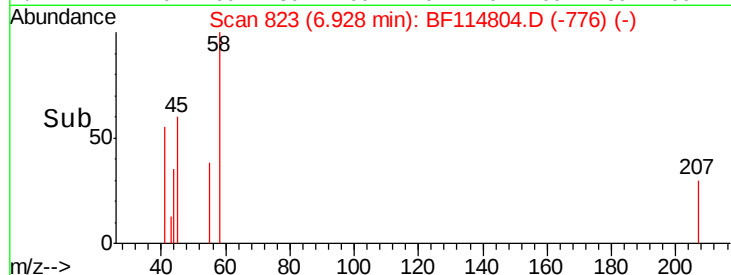
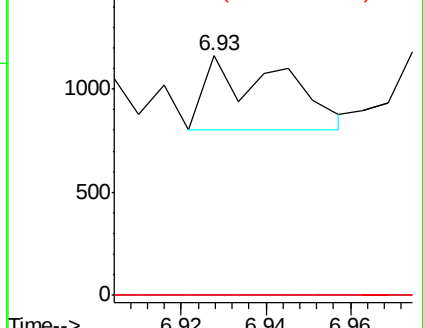
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.024 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

Tgt Ion: 45 Resp: 447
Ion Ratio Lower Upper
45 100
77 0.0 0.0 35.8
79 0.0 0.0 32.0

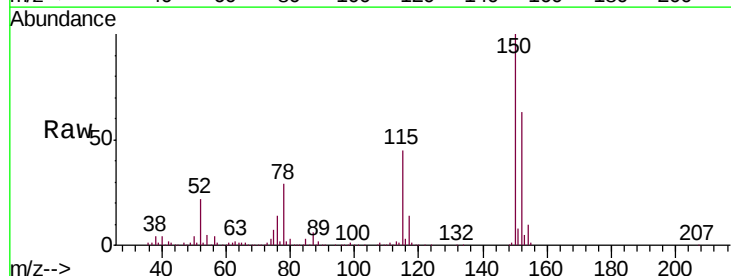


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

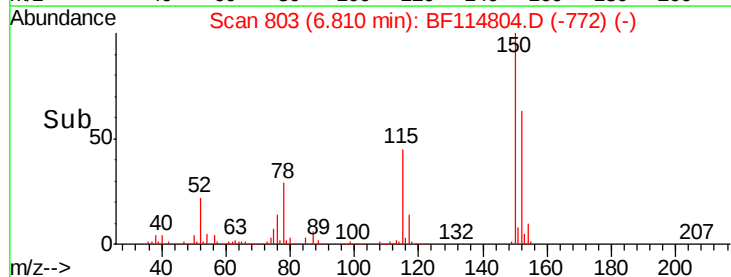
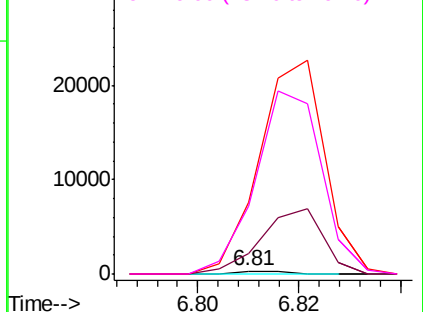


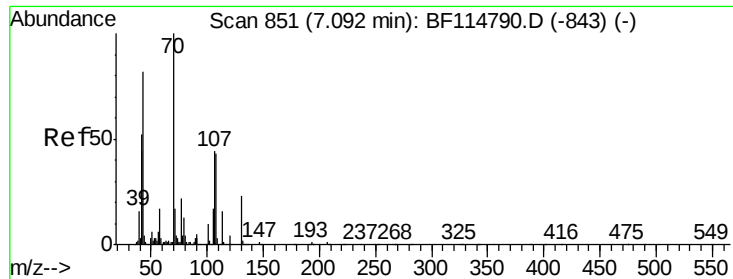
#17
2-Methylphenol
Concen: 0.018 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.12 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion: 107 Resp: 215
Ion Ratio Lower Upper
107 100
108 711.3 90.2 135.2#
77 2477.3 34.5 51.7#
79 2326.9 33.8 50.6#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

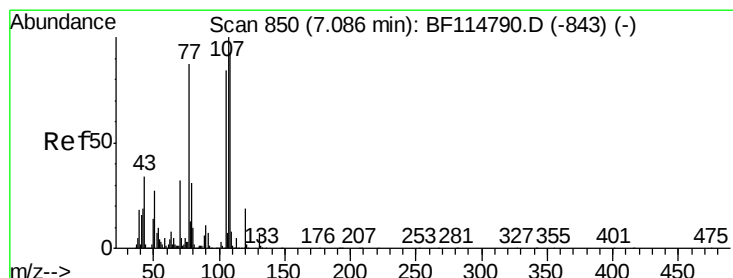
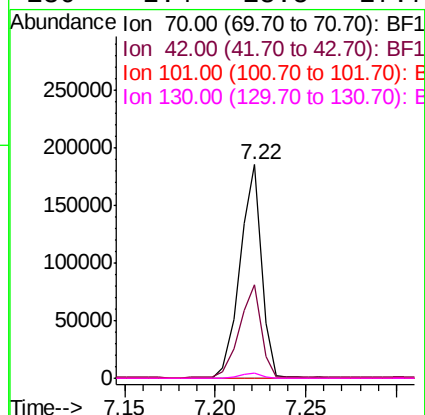
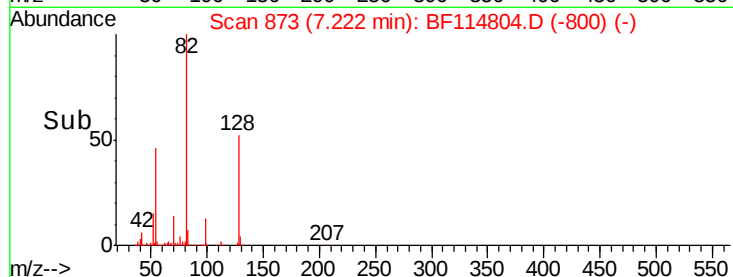
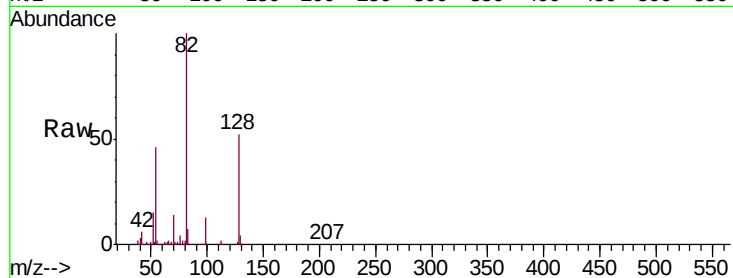




#19
n-Nitroso-di-n-propylamine
Concen: 15.864 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

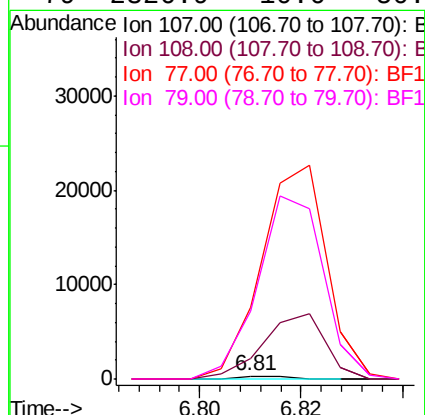
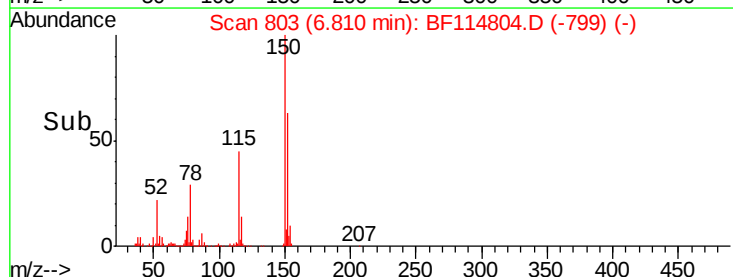
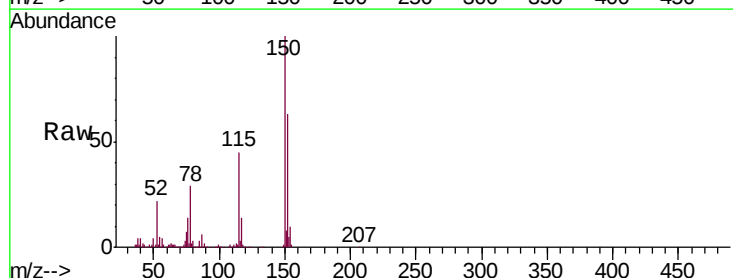
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

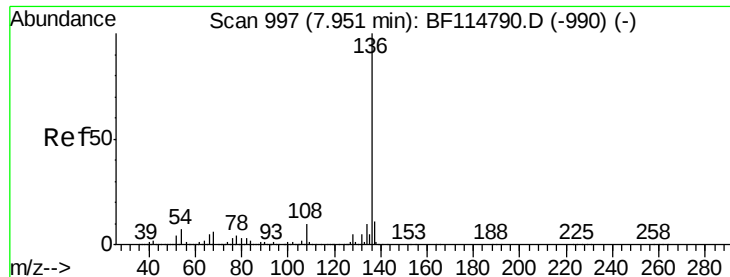
Tgt Ion: 70 Resp: 152758
Ion Ratio Lower Upper
70 100
42 43.8 41.8 62.8
101 0.0 8.2 12.4#
130 2.4 18.5 27.7#



#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.28 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion: 107 Resp: 215
Ion Ratio Lower Upper
107 100
108 711.3 73.5 113.5#
77 2477.3 67.2 107.2#
79 2326.9 10.6 50.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

Tgt Ion:136 Resp: 793320

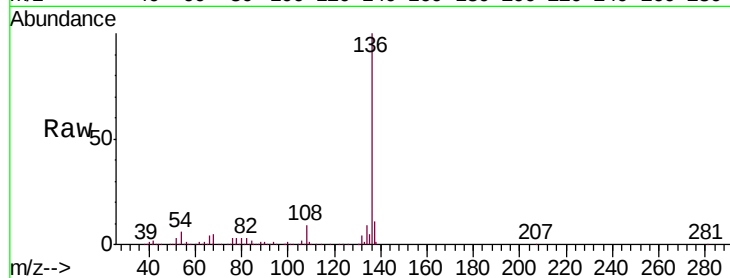
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.0 5.4 8.0

68 5.4 4.6 6.8

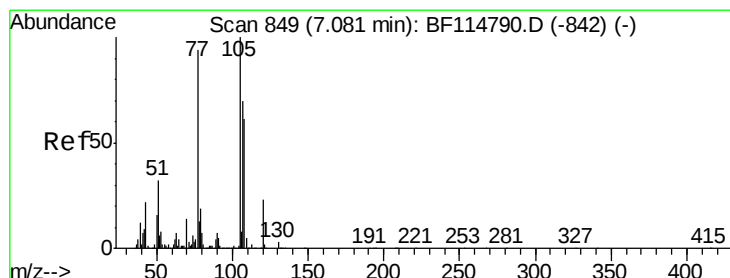
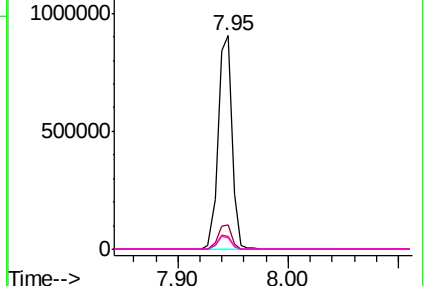
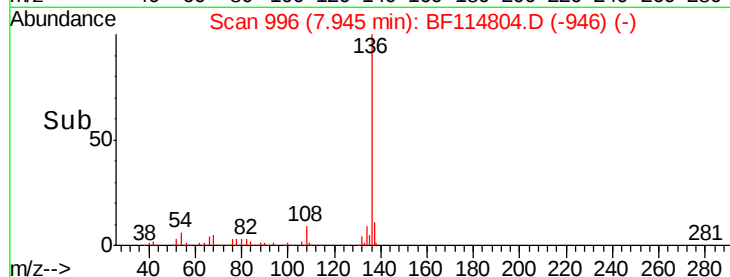


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.184 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Tgt Ion:105 Resp: 3215

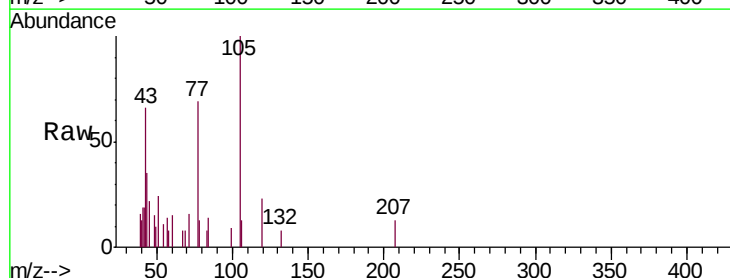
Ion Ratio Lower Upper

105 100

71 16.3 2.0 3.0#

51 24.5 25.4 38.0#

120 22.8 18.7 28.1

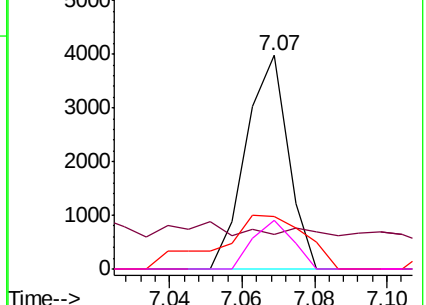
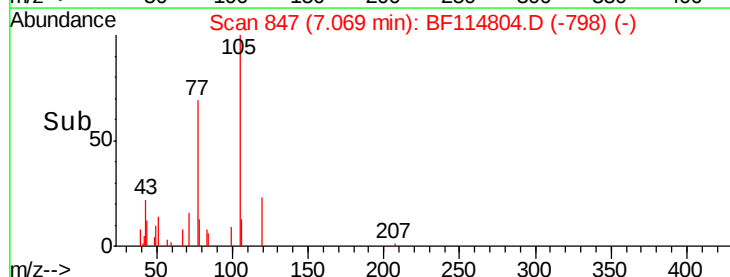


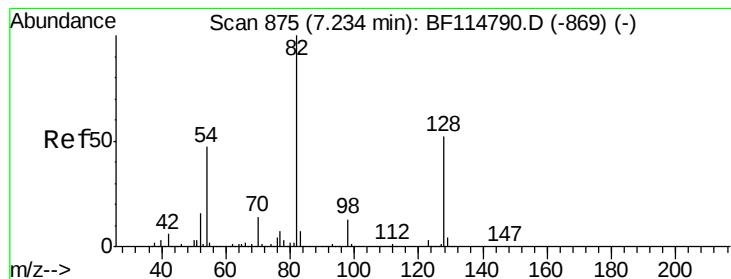
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.237 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

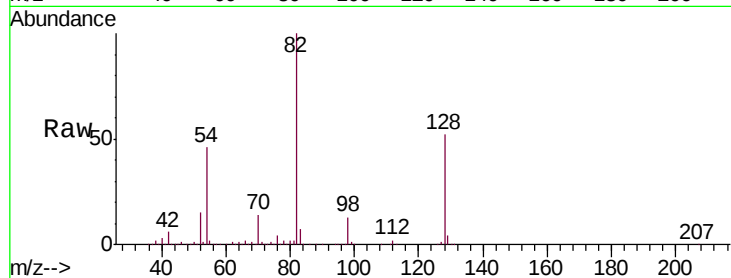
Tgt Ion: 82 Resp: 1124241

Ion Ratio Lower Upper

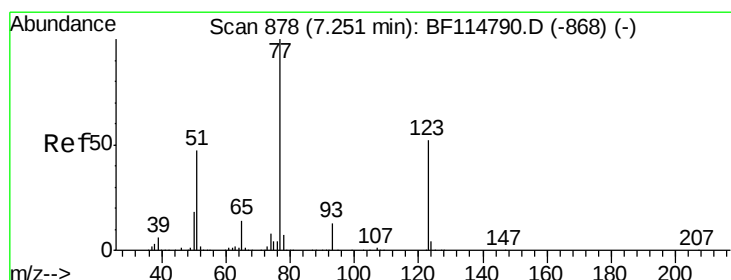
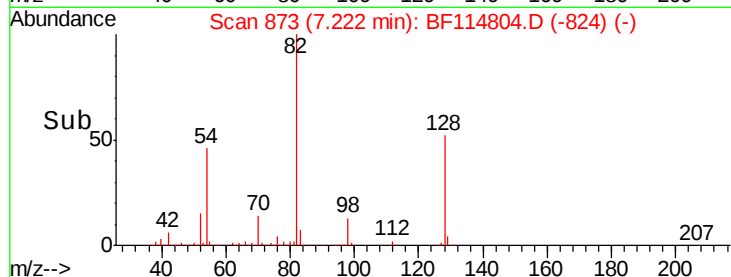
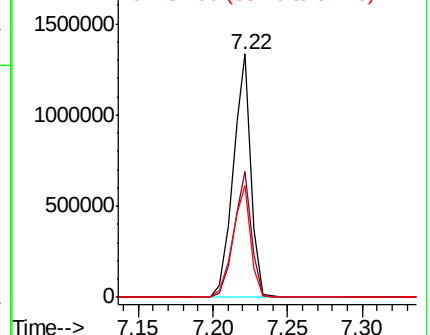
82 100

128 51.7 41.8 62.6

54 46.1 37.9 56.9



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



#24

Nitrobenzene

Concen: 0.247 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.03 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

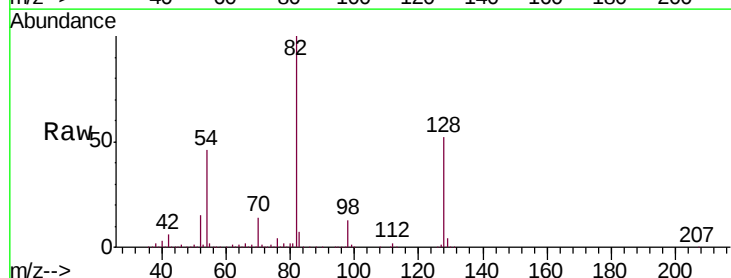
Tgt Ion: 77 Resp: 3304

Ion Ratio Lower Upper

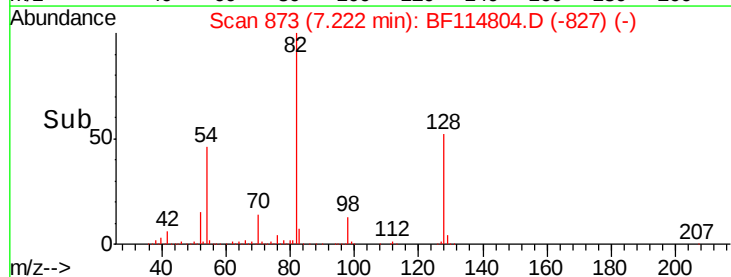
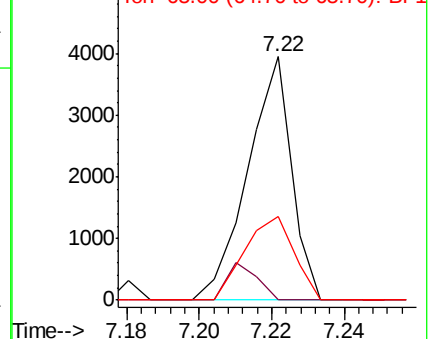
77 100

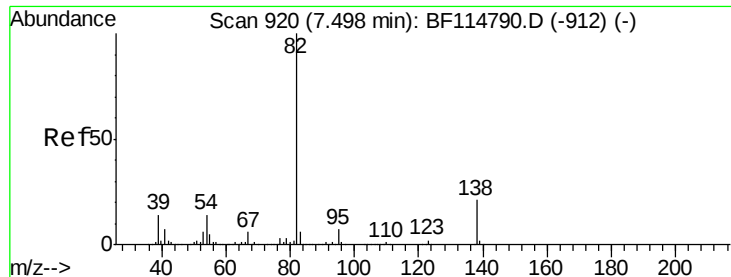
123 0.0 41.5 62.3#

65 34.1 10.8 16.2#



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

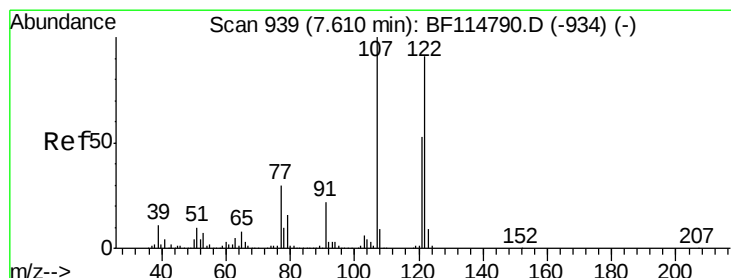
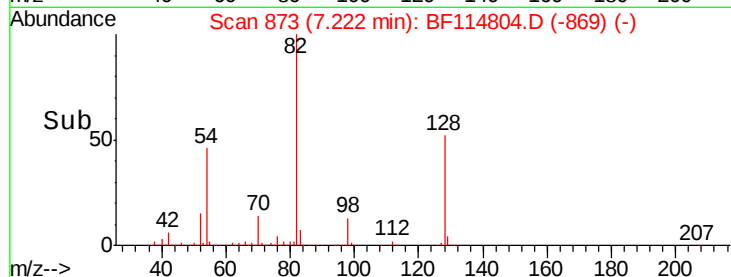
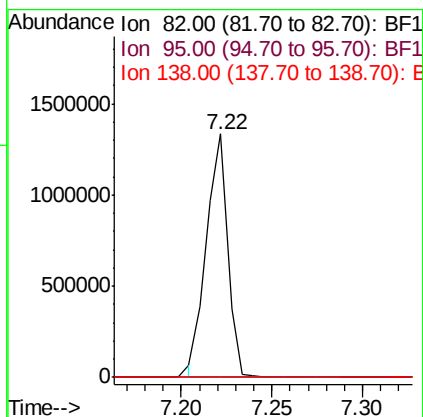
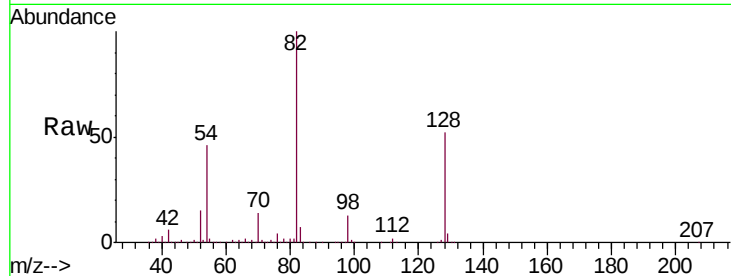




#25
Isophorone
Concen: 42.941 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

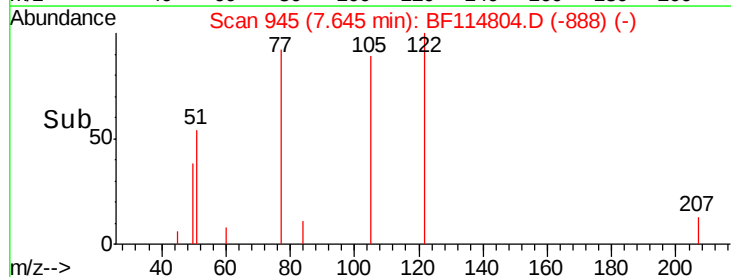
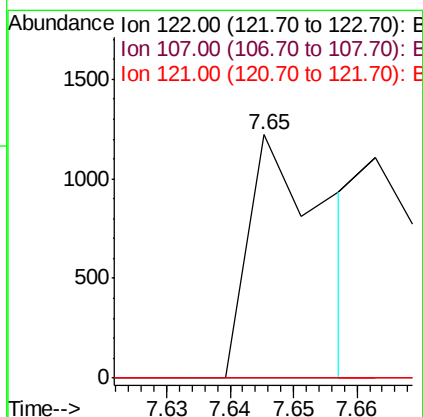
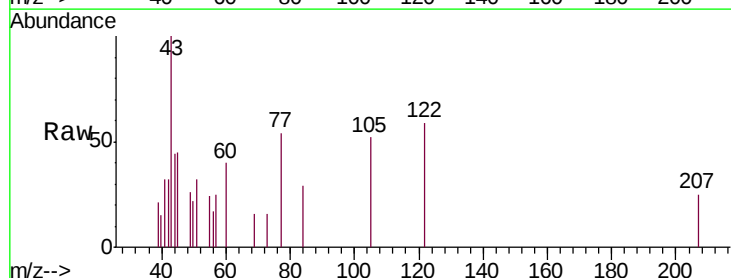
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

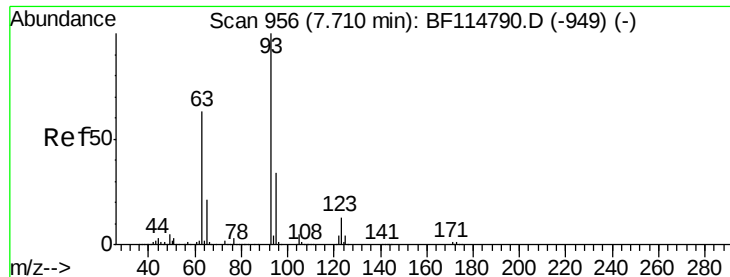
Tgt Ion: 82 Resp: 1094029
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.9 25.3#



#27
2,4-Dimethylphenol
Concen: 0.095 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.04 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion: 122 Resp: 1048
Ion Ratio Lower Upper
122 100
107 0.0 87.9 131.9#
121 0.0 46.4 69.6#

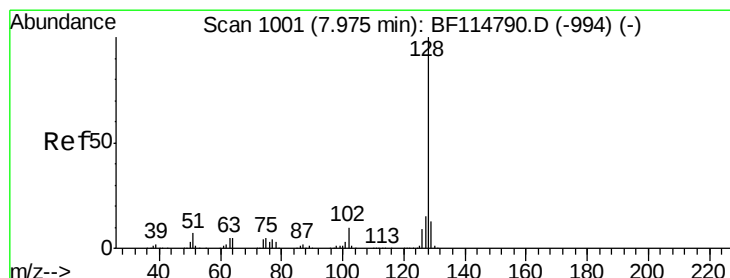
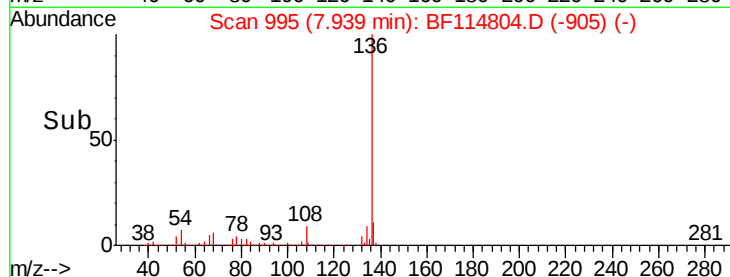
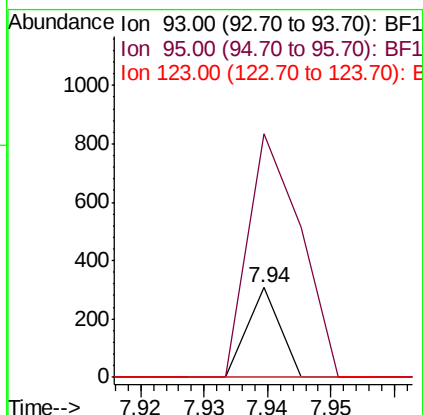
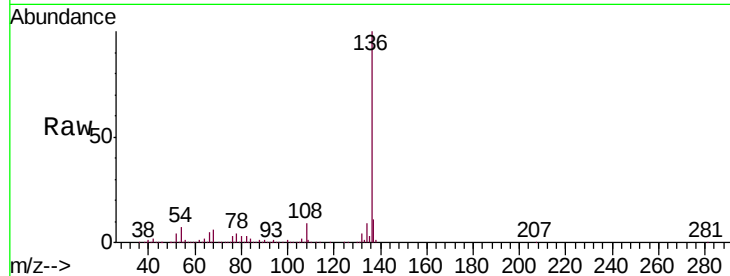




#28
bis(2-Chloroethoxy)methane
Concen: 0.007 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.23 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

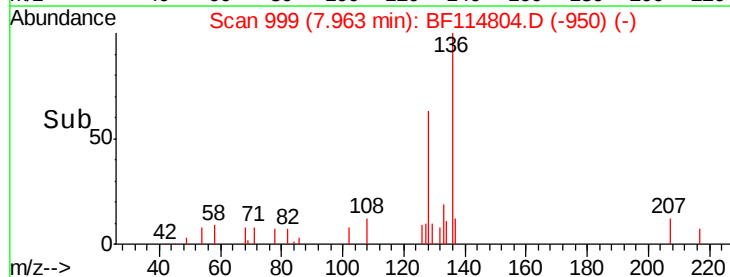
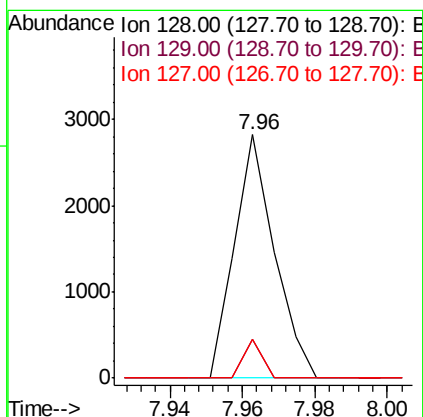
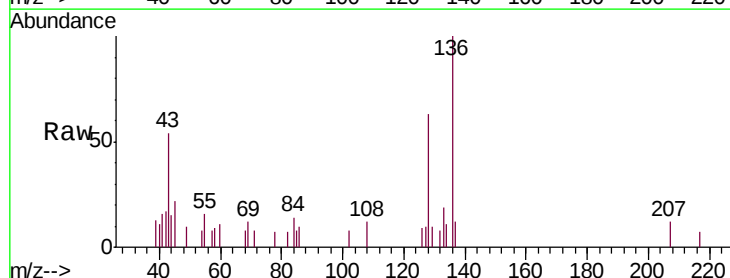
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

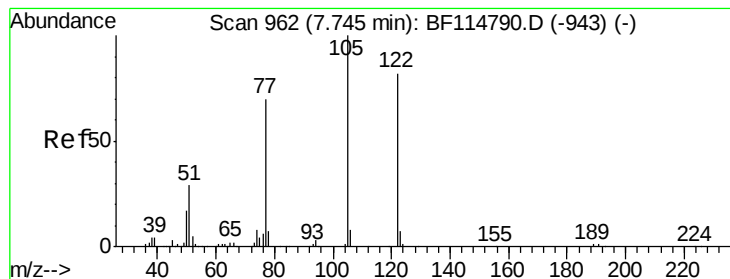
Tgt Ion: 93 Resp: 108
Ion Ratio Lower Upper
93 100
95 271.7 26.9 40.3#
123 0.0 10.4 15.6#



#31
Naphthalene
Concen: 0.061 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion:128 Resp: 2173
Ion Ratio Lower Upper
128 100
129 15.8 10.0 15.0#
127 16.1 12.2 18.2





#32

Benzoic acid

Concen: 0.017 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

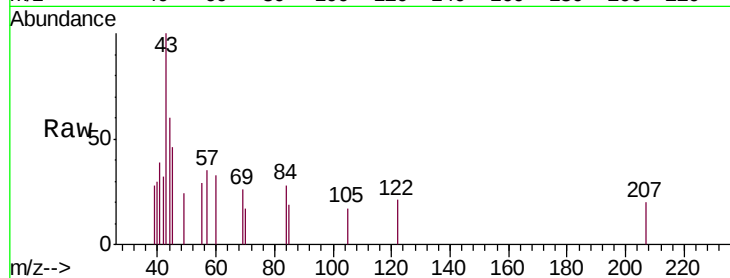
Tgt Ion:122 Resp: 133

Ion Ratio Lower Upper

122 100

105 81.7 98.7 138.7#

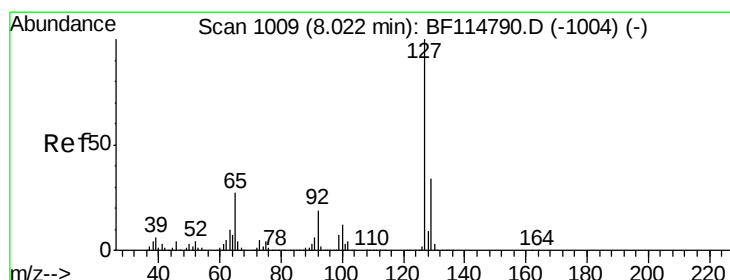
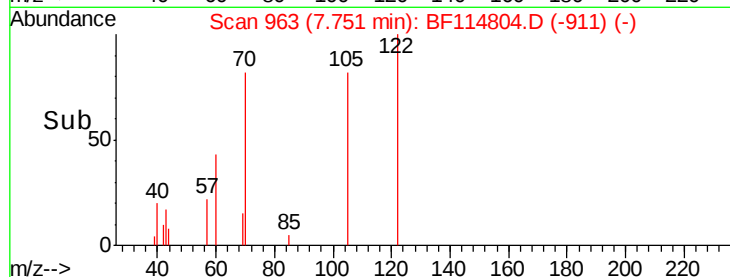
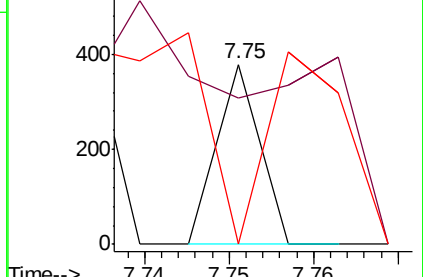
77 0.0 64.8 104.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.009 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.06 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Tgt Ion:127 Resp: 160

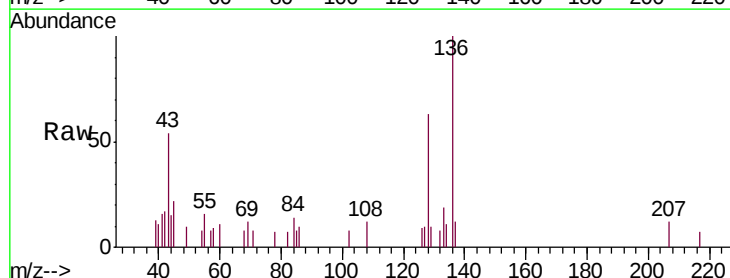
Ion Ratio Lower Upper

127 100

129 98.0 26.9 40.3#

65 0.0 21.7 32.5#

92 0.0 14.8 22.2#

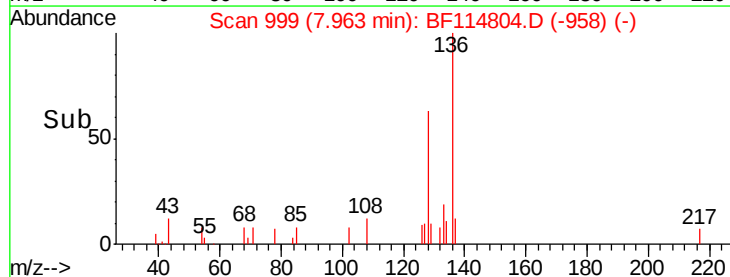
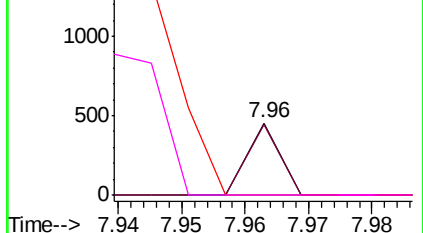


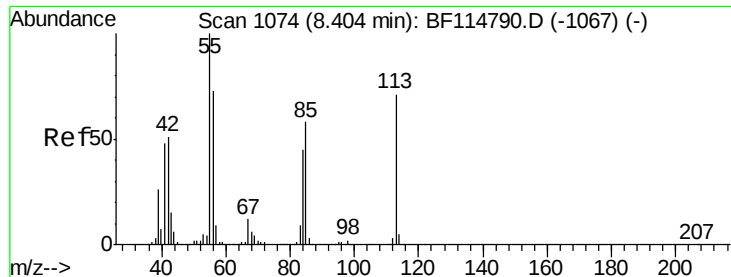
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

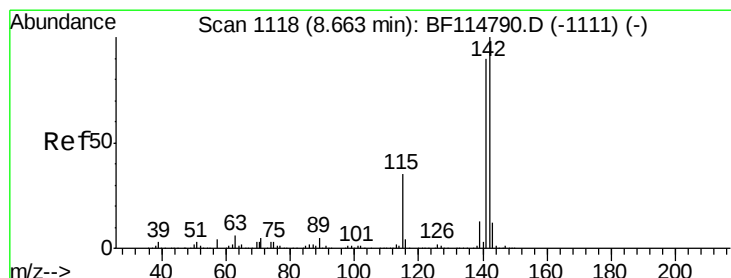
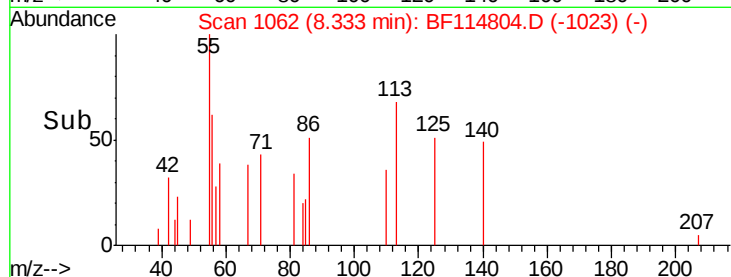
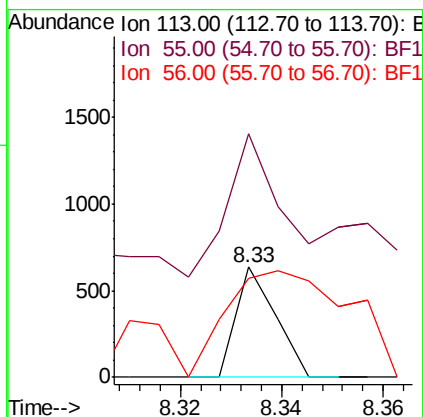
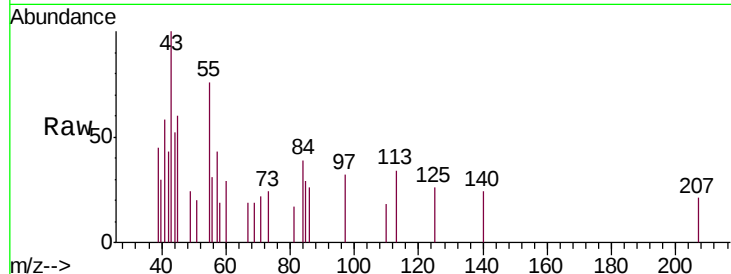




#35
 Caprolactam
 Concen: 0.091 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.07 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

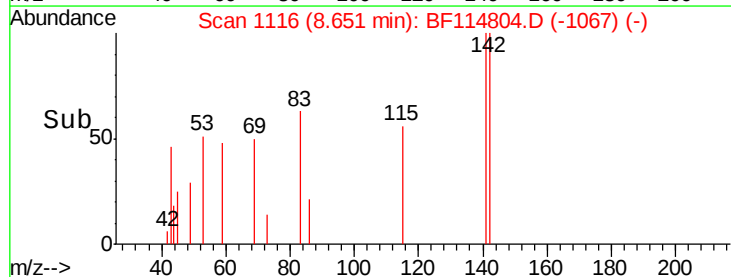
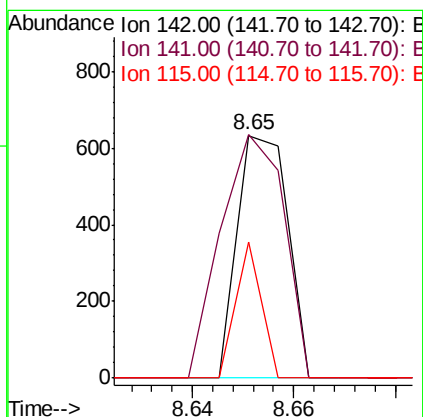
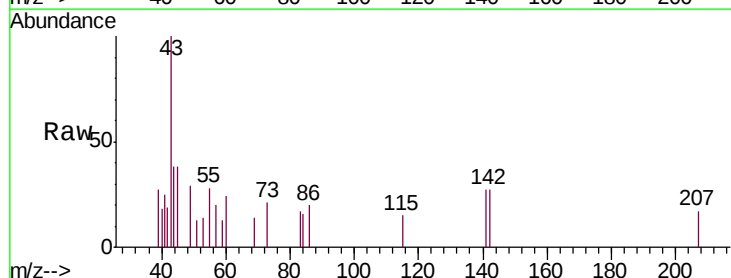
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

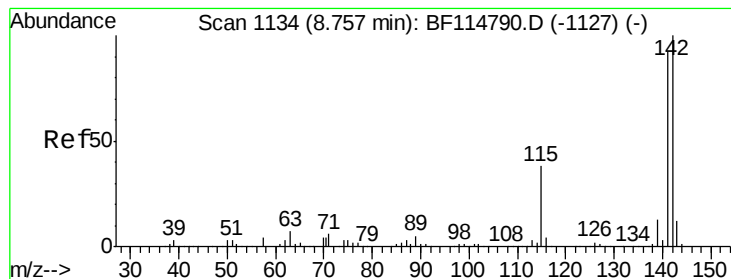
Tgt Ion:113 Resp: 343
 Ion Ratio Lower Upper
 113 100
 55 221.5 121.1 161.1#
 56 90.5 82.6 122.6



#37
 2-Methylnaphthalene
 Concen: 0.018 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Tgt Ion:142 Resp: 437
 Ion Ratio Lower Upper
 142 100
 141 100.3 71.6 107.4
 115 56.1 28.2 42.4#





#38

1-Methylnaphthalene

Concen: 0.017 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

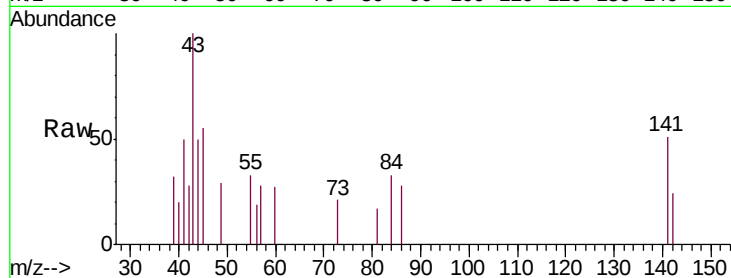
Tgt Ion:142 Resp: 393

Ion Ratio Lower Upper

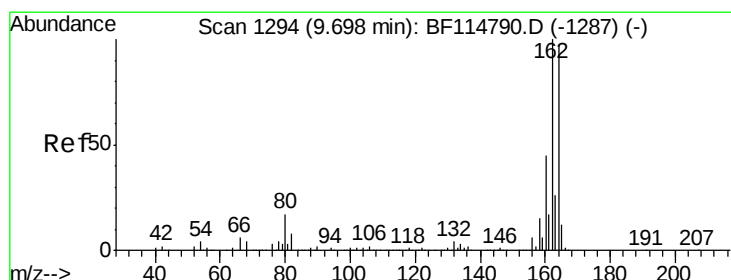
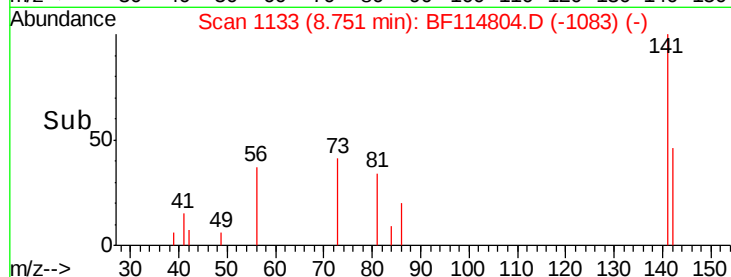
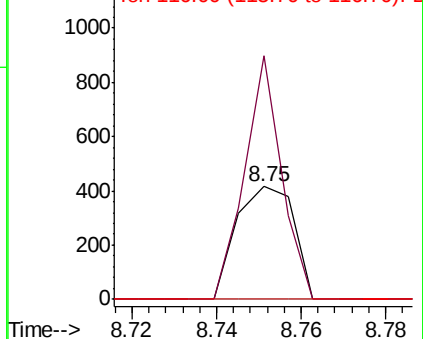
142 100

141 215.9 73.8 110.6#

116 0.0 3.3 4.9#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

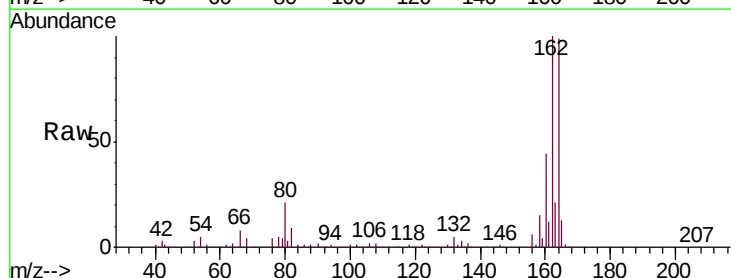
Tgt Ion:164 Resp: 395007

Ion Ratio Lower Upper

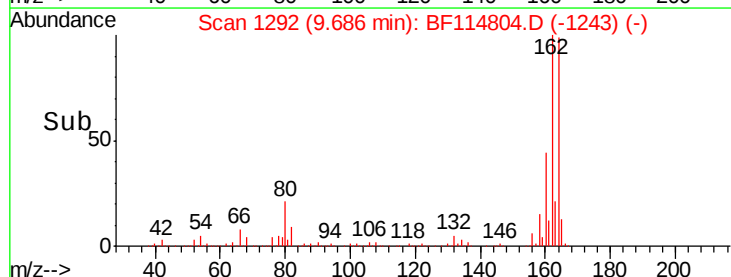
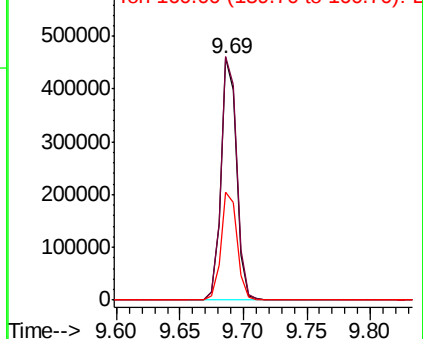
164 100

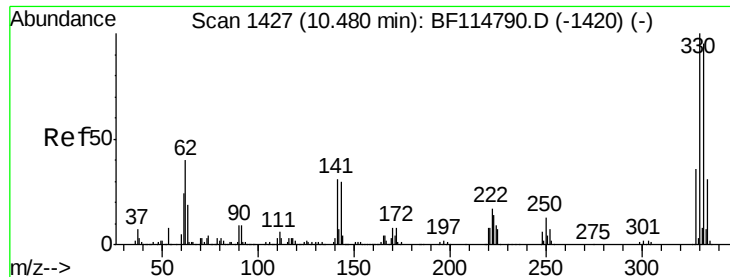
162 100.6 82.3 123.5

160 44.5 36.7 55.1



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

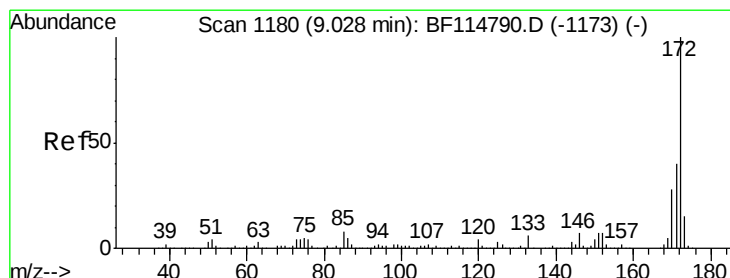
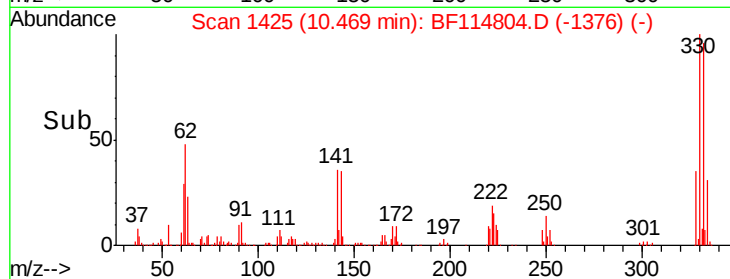
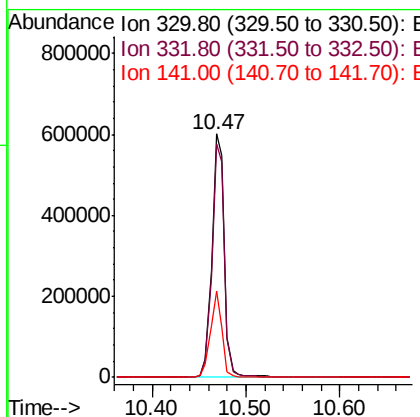
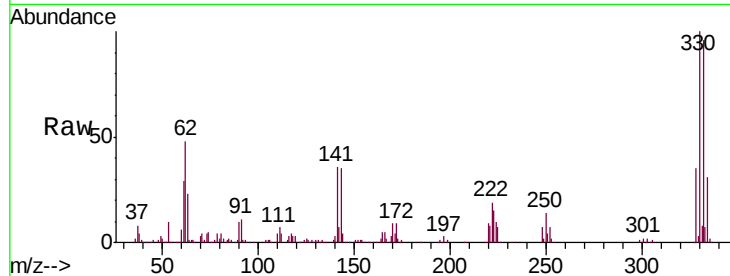




#42
 2,4,6-Tribromophenol
 Concen: 133.769 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

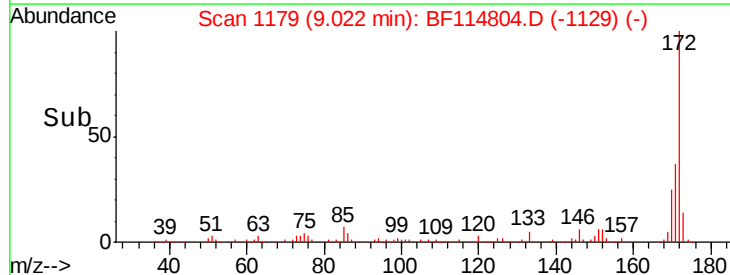
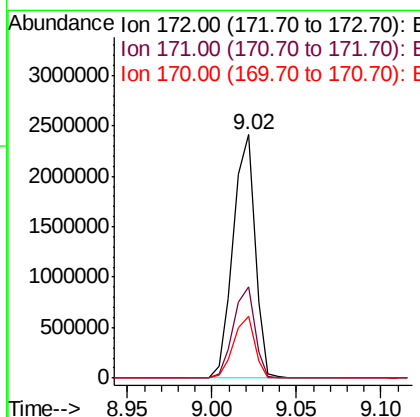
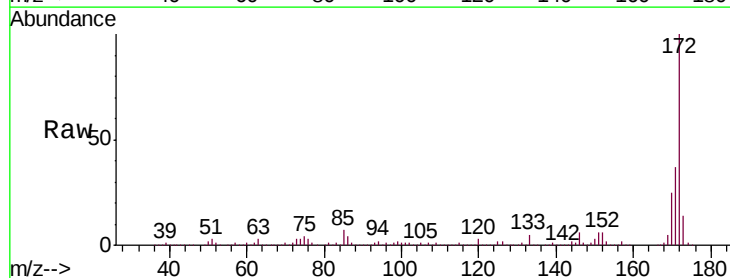
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

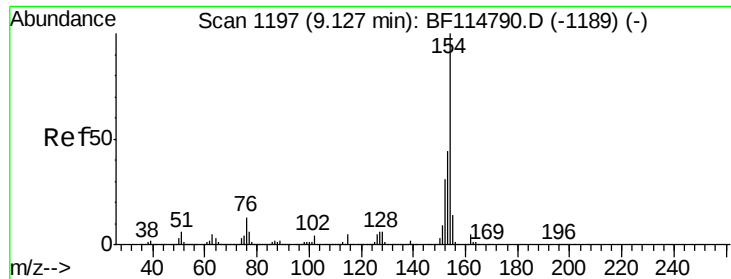
Tgt Ion:330 Resp: 569432
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 33.0 26.2 39.4



#45
 2-Fluorobiphenyl
 Concen: 103.763 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Tgt Ion:172 Resp: 2187994
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.3 48.5
 170 25.2 22.4 33.6

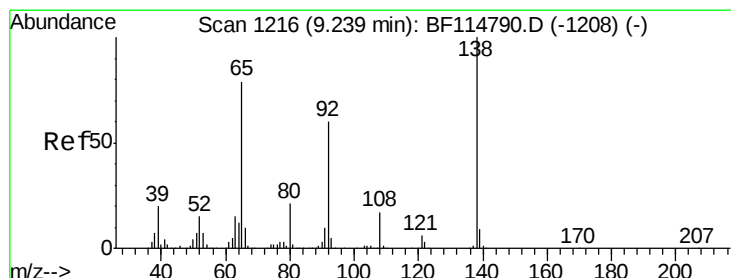
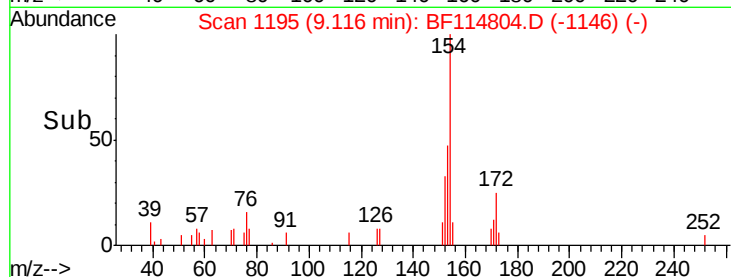
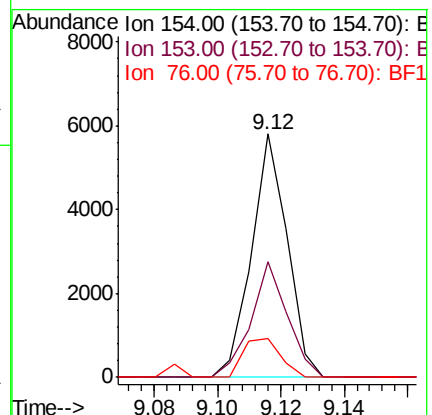
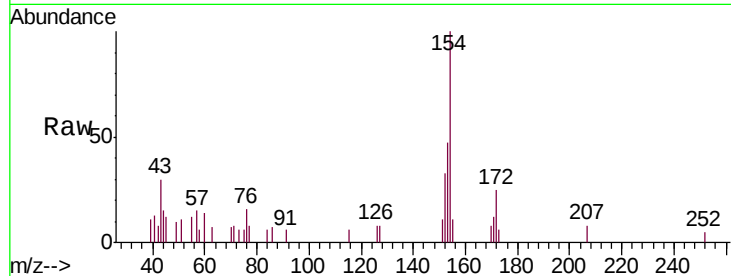




#46
1,1'-Biphenyl
Concen: 0.155 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

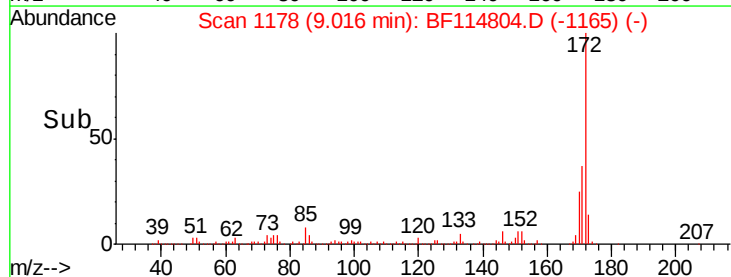
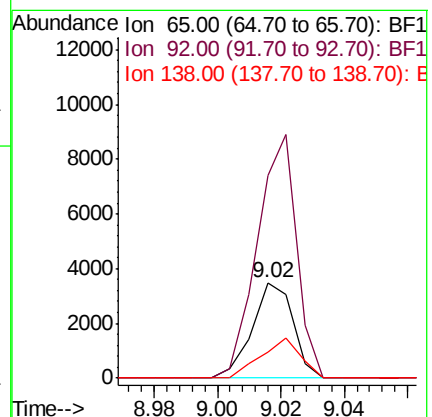
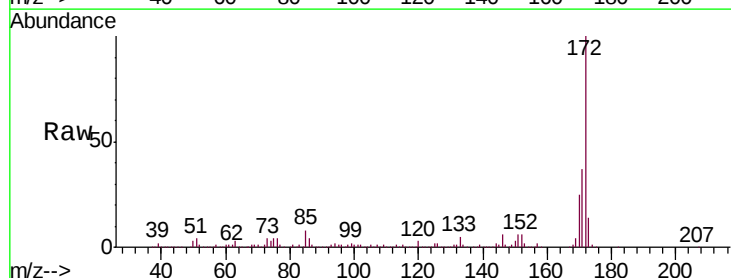
Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

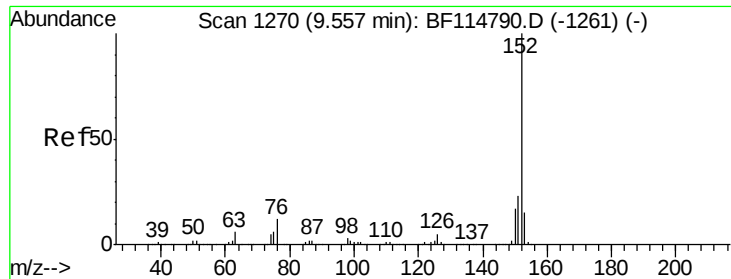
Tgt Ion:	154	Resp:	4540
Ion	Ratio	Lower	Upper
154	100		
153	47.4	23.9	63.9
76	15.8	0.0	33.2



#48
2-Nitroaniline
Concen: 0.421 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.22 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion:	65	Resp:	3124
Ion	Ratio	Lower	Upper
65	100		
92	211.4	60.4	90.6#
138	26.8	101.2	151.8#





#49

Acenaphthylene

Concen: 0.026 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

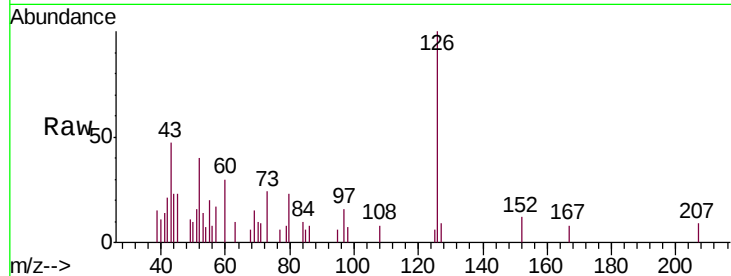
Tgt Ion:152 Resp: 948

Ion Ratio Lower Upper

152 100

151 0.0 18.3 27.5#

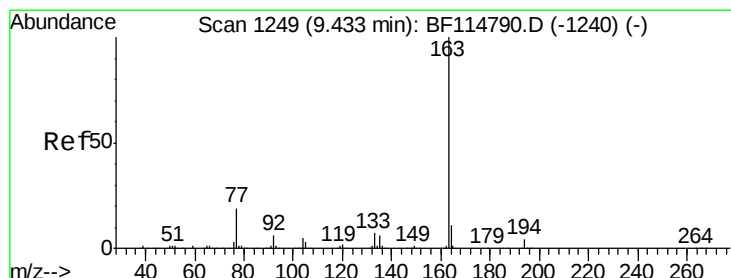
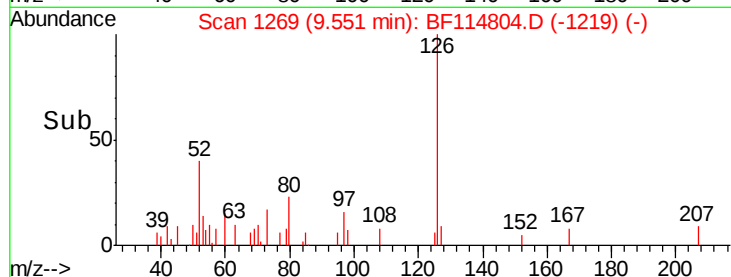
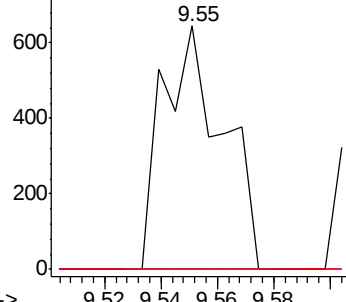
153 0.0 12.3 18.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.848 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.26 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

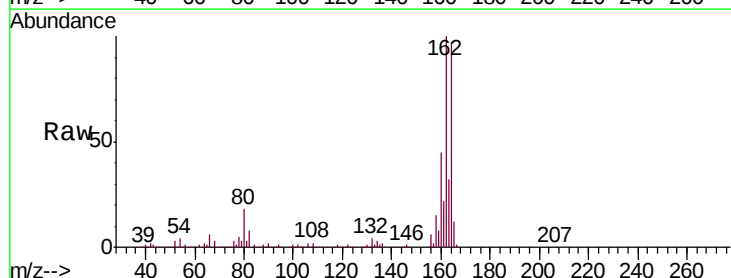
Tgt Ion:163 Resp: 111024

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

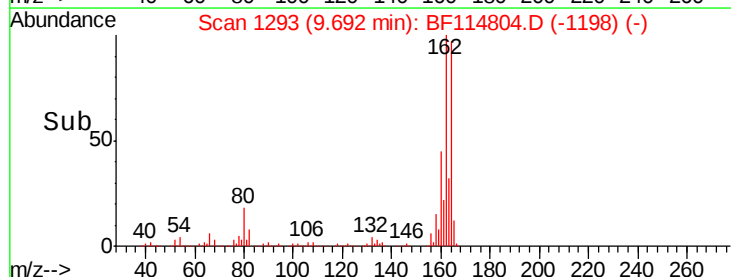
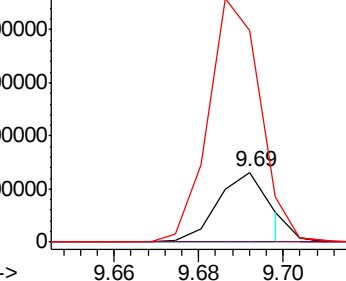
164 302.1 8.6 13.0#

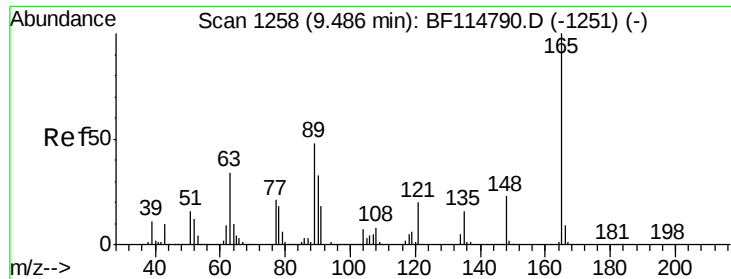


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.381 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.20 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

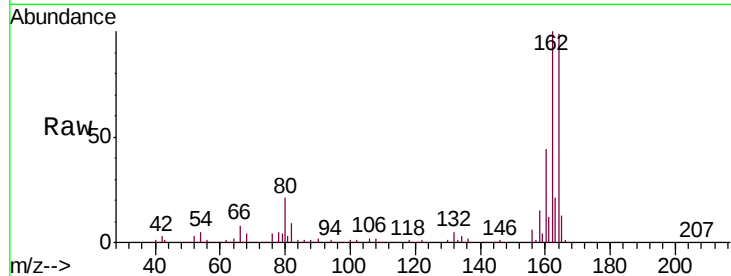
Tgt Ion:165 Resp: 50080

Ion Ratio Lower Upper

165 100

63 1.1 35.1 52.7#

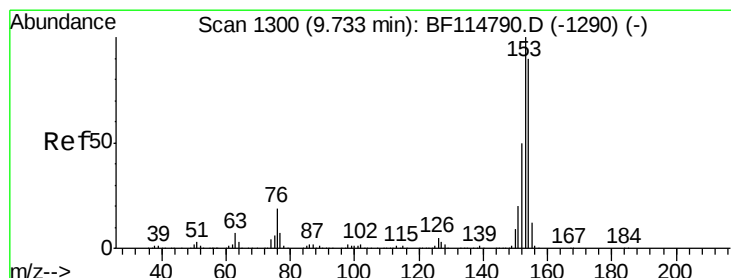
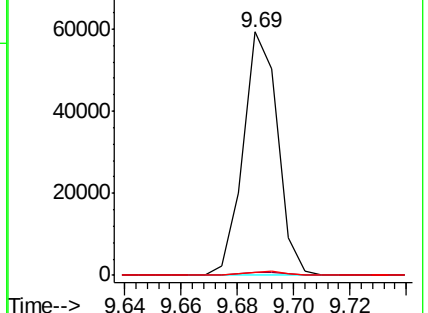
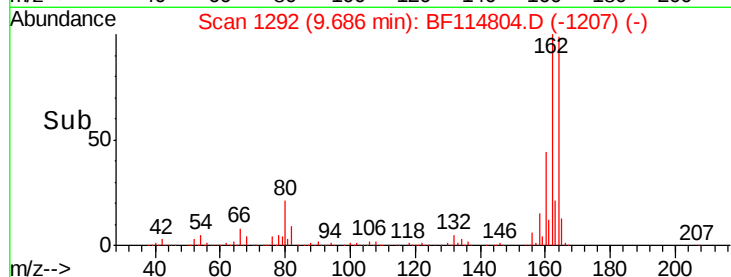
89 1.5 38.2 57.2#



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: 0.023 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

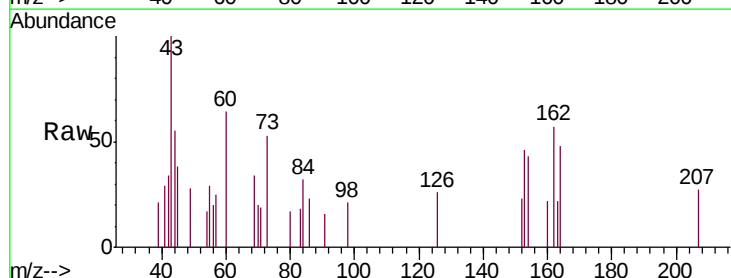
Tgt Ion:154 Resp: 545

Ion Ratio Lower Upper

154 100

153 105.9 88.5 132.7

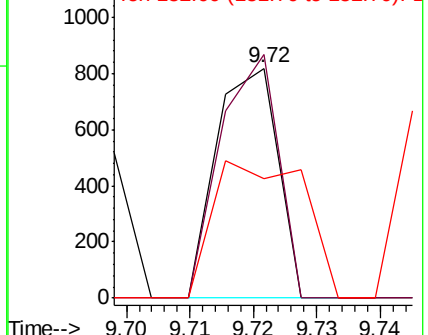
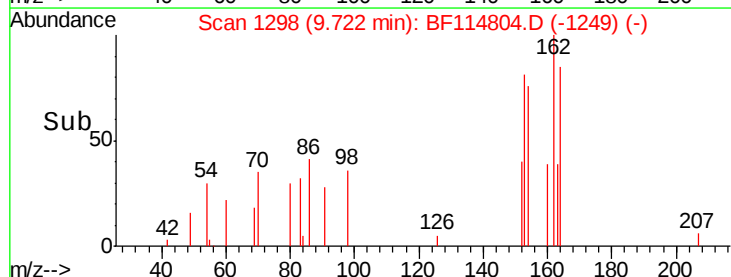
152 52.2 44.1 66.1

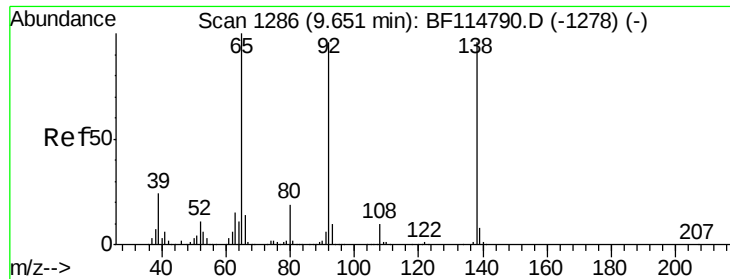


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

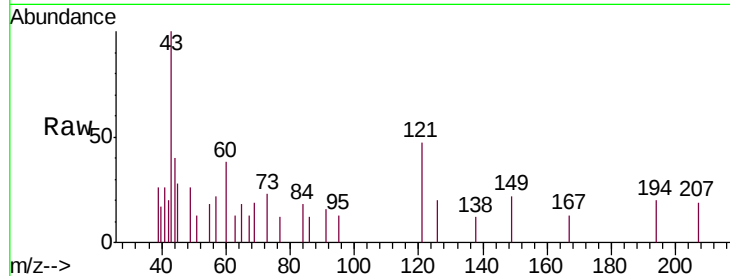




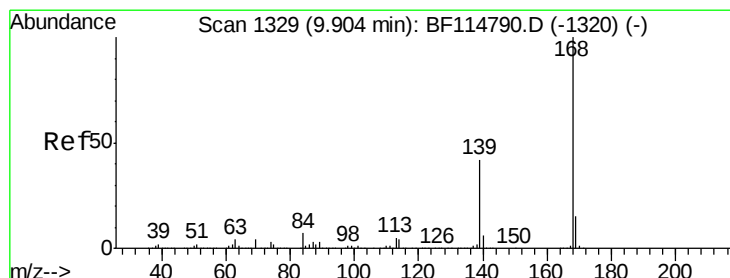
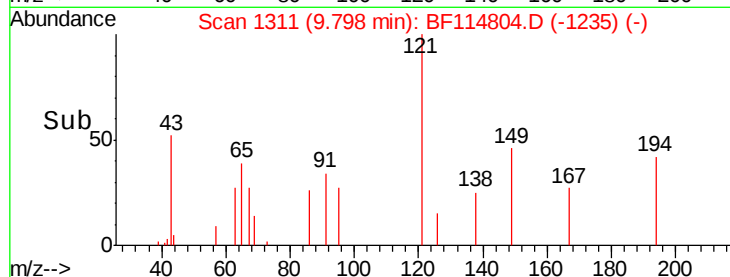
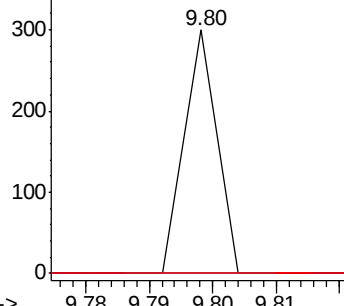
#53
3-Nitroaniline
Concen: 0.013 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.15 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

Tgt Ion:138 Resp: 106
Ion Ratio Lower Upper
138 100
108 0.0 7.9 11.9#
92 0.0 79.9 119.9#

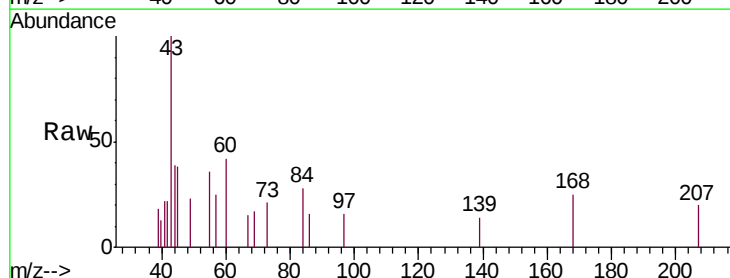


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

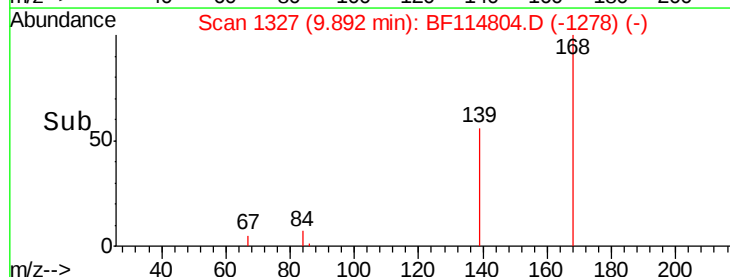
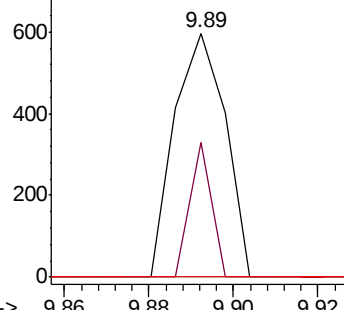


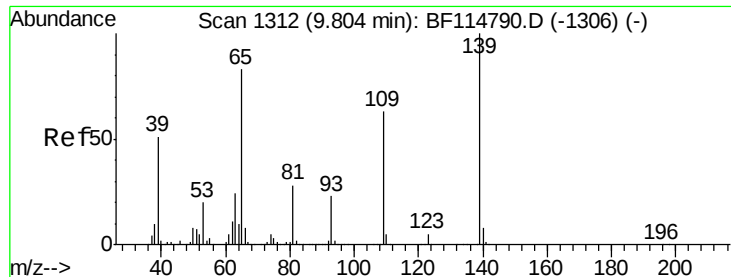
#55
Dibenzofuran
Concen: 0.015 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Tgt Ion:168 Resp: 498
Ion Ratio Lower Upper
168 100
139 55.5 33.8 50.6#
169 0.0 11.9 17.9#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

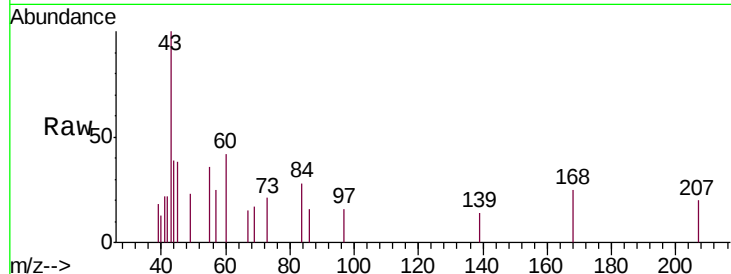




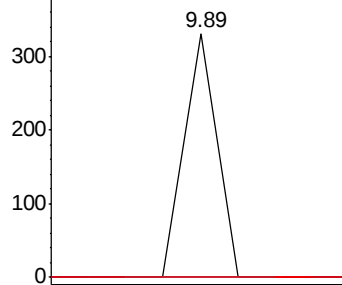
#56
4-Nitrophenol
Concen: 0.020 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.09 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-B

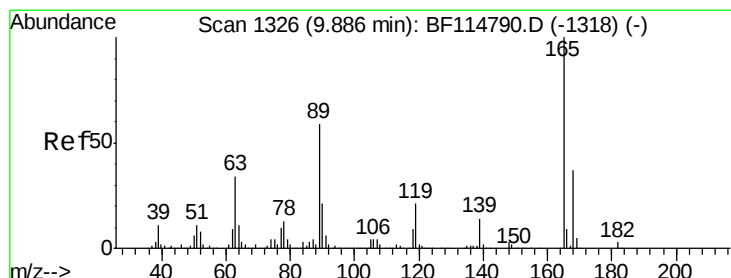
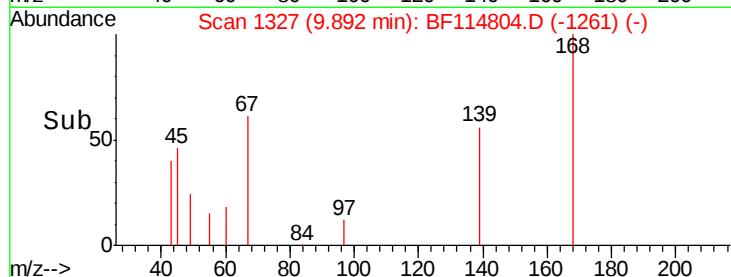
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	43.5	83.5#
65	0.0	63.2	103.2#



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

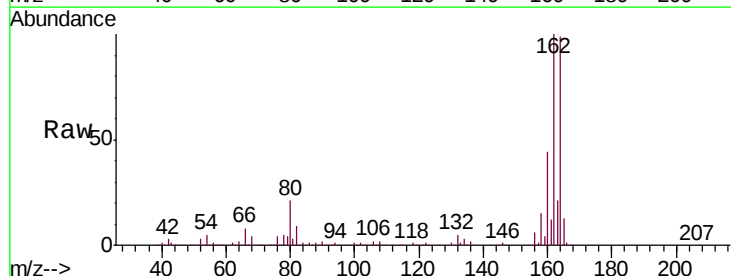


Time--> 9.87 9.88 9.89 9.90 9.91

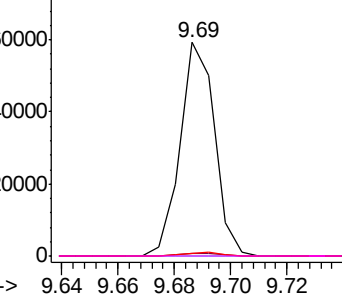


#57
2,4-Dinitrotoluene
Concen: 5.872 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.20 min
Lab File: BF114804.D
Acq: 4 Jun 2019 21:14

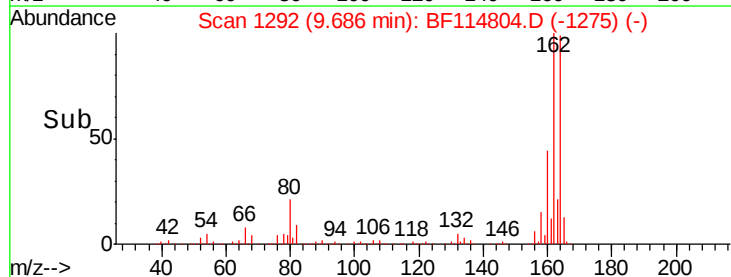
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.0	40.4#
89	1.5	47.0	70.6#
182	0.0	2.2	3.2#

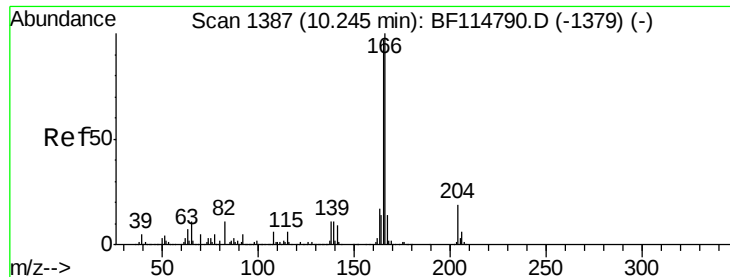


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time--> 9.64 9.66 9.68 9.70 9.72





#58

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 1425

Delta R.T. 0.22 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

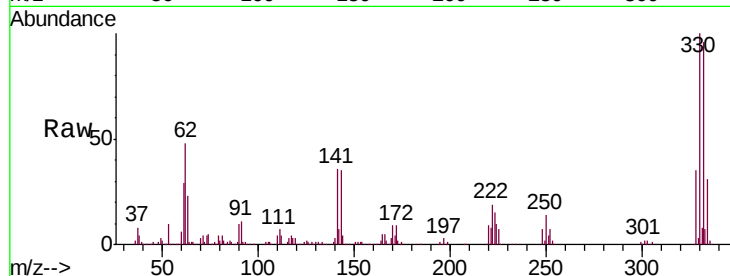
Tgt Ion:166 Resp: 26475

Ion Ratio Lower Upper

166 100

165 104.6 77.9 116.9

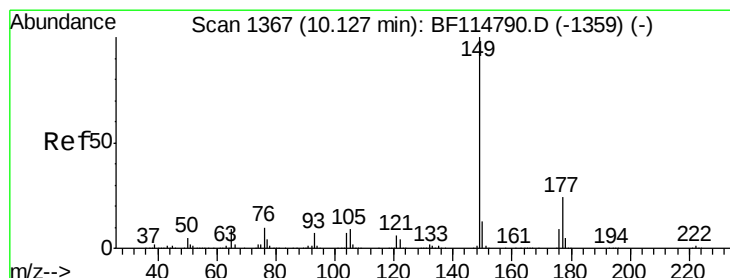
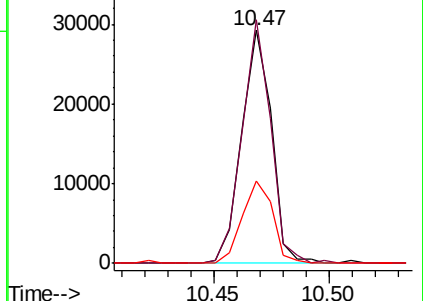
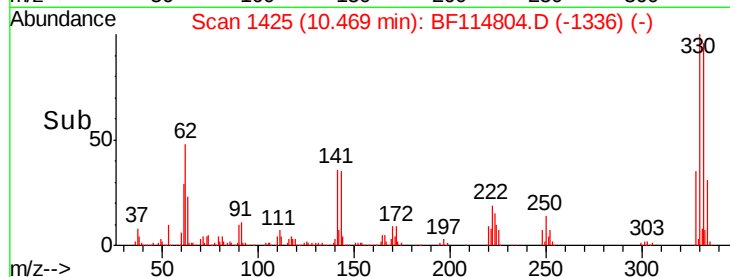
167 35.6 11.3 16.9#



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: 0.104 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.02 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

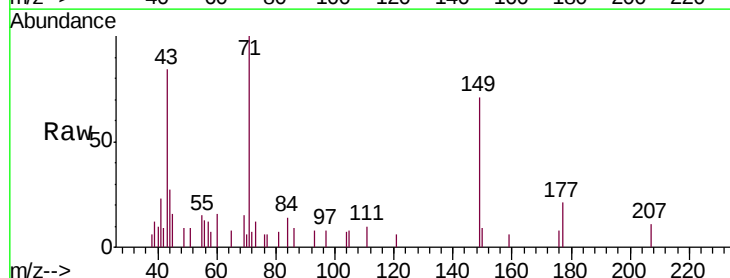
Tgt Ion:149 Resp: 3002

Ion Ratio Lower Upper

149 100

177 29.3 19.3 28.9#

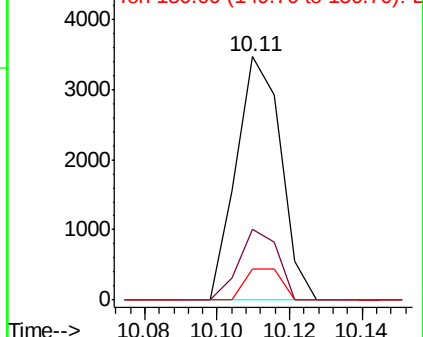
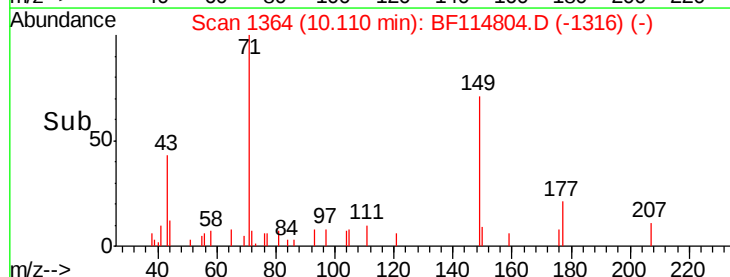
150 12.8 10.7 16.1

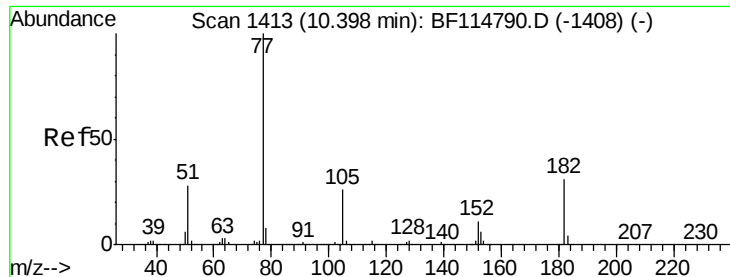


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.041 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

Tgt Ion: 77 Resp: 1019

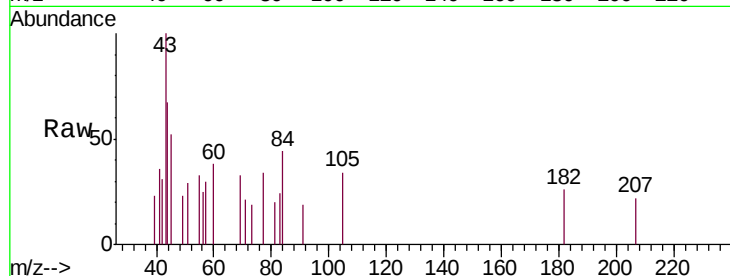
Ion Ratio Lower Upper

77 100

182 75.6 11.2 51.2#

105 100.4 5.7 45.7#

51 86.3 8.0 48.0#



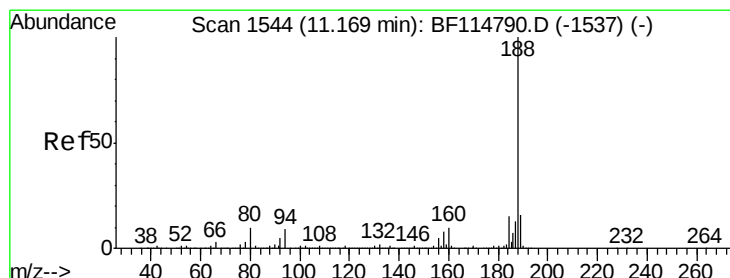
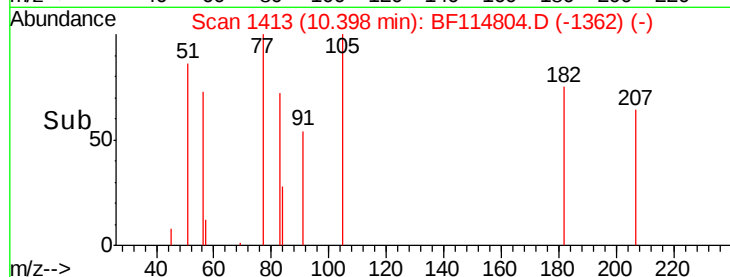
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

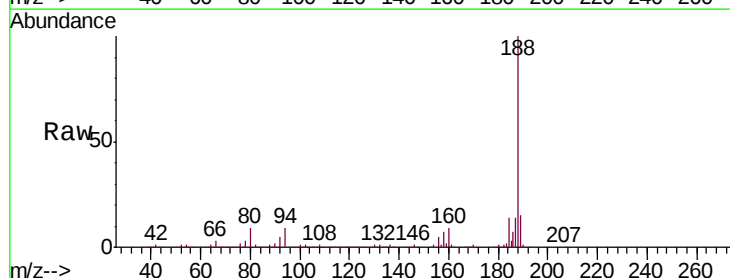
Tgt Ion: 188 Resp: 818202

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.0 8.3 12.5

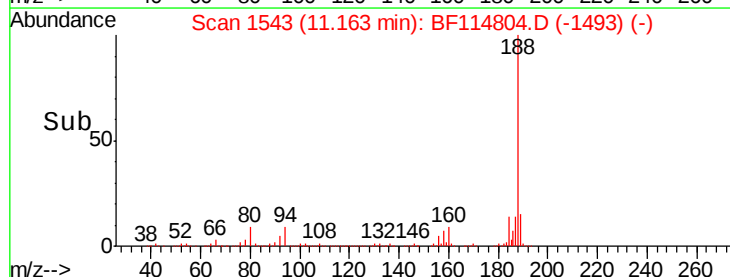


Abundance Ion 188.00 (187.70 to 188.70): E

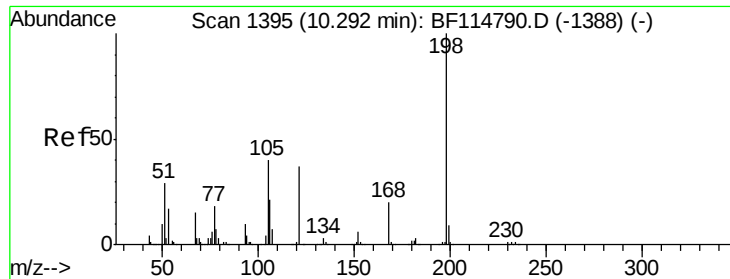
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



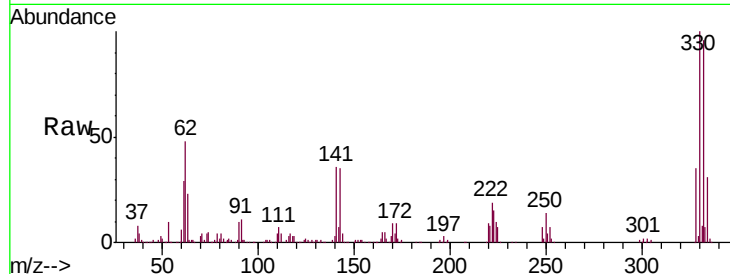
Time-->



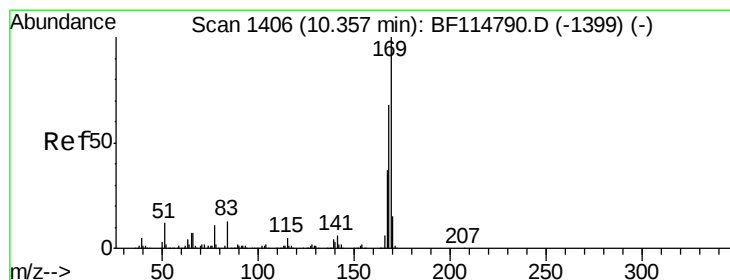
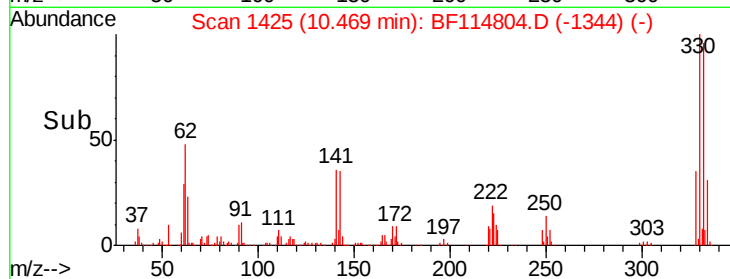
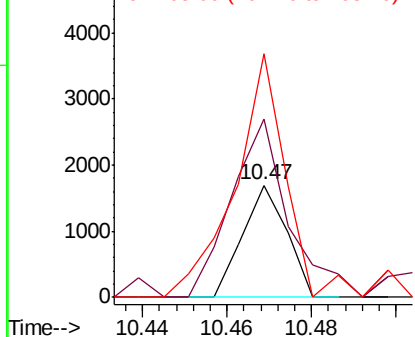
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.288 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.18 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

Tgt Ion	Ratio	Lower	Upper
198	100		
51	158.2	14.9	54.9#
105	216.5	21.0	61.0#

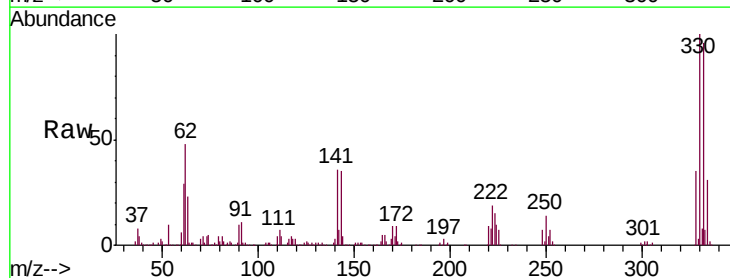


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

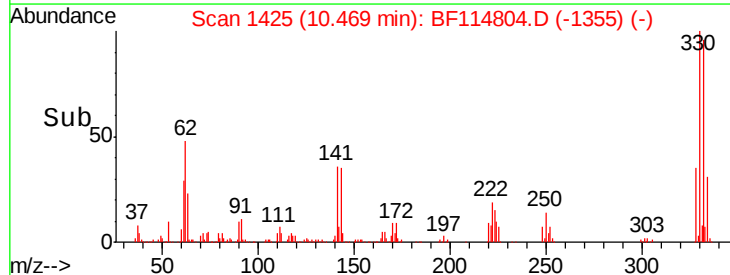
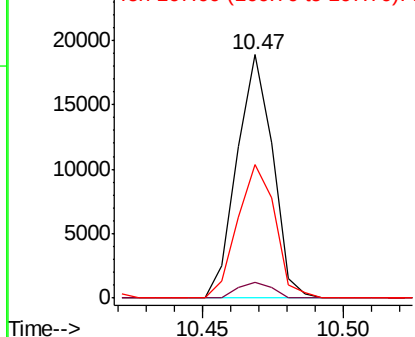


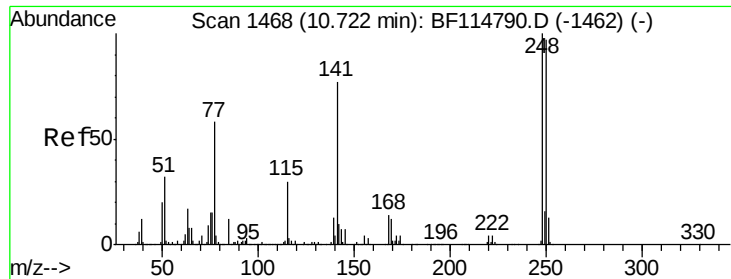
#66
 n-Nitrosodiphenylamine
 Concen: 0.671 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.11 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	6.6	54.3	81.5#
167	55.0	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

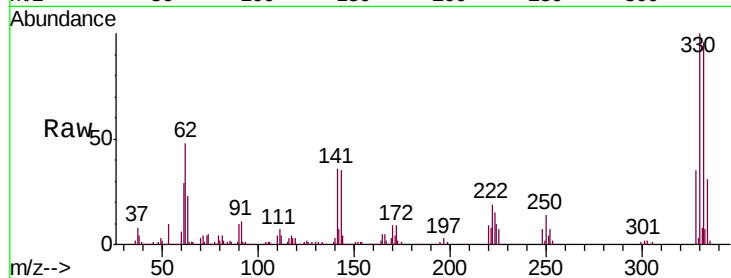




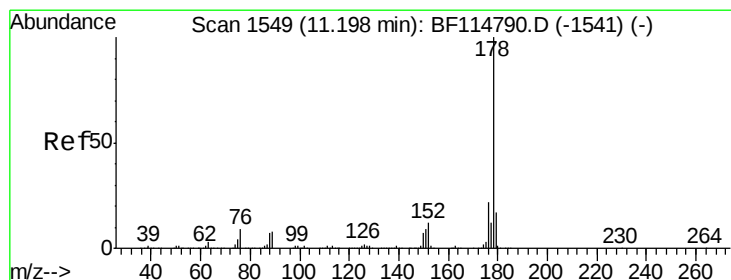
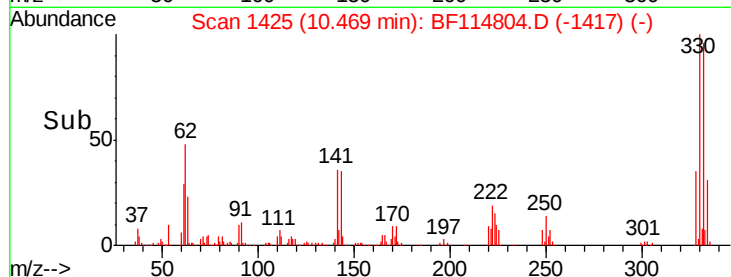
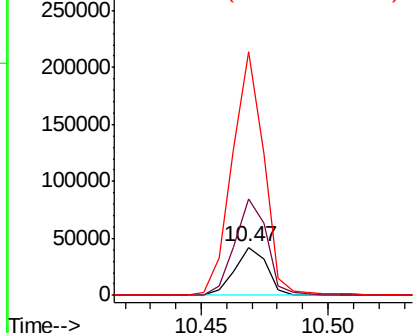
#67
 4-Bromophenyl-phenylether
 Concen: 3.993 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.25 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

Tgt Ion: 248 Resp: 37105
 Ion Ratio Lower Upper
 248 100
 250 200.7 77.5 116.3#
 141 507.8 61.8 92.8#

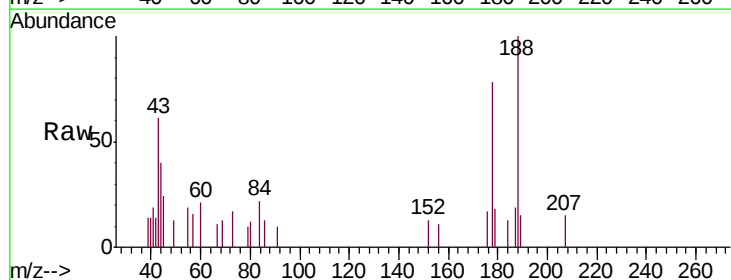


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

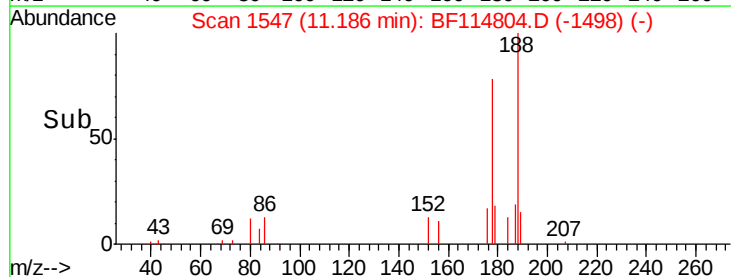
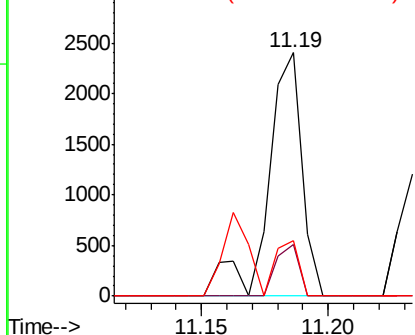


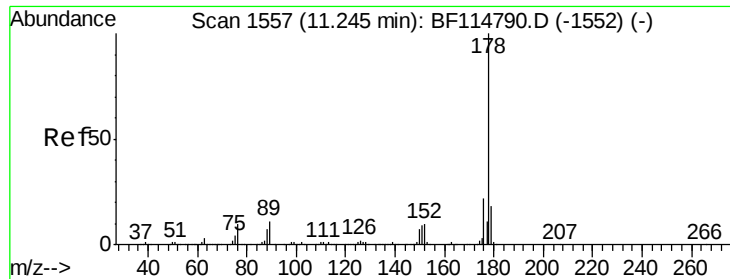
#71
 Phenanthrene
 Concen: 0.058 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Tgt Ion: 178 Resp: 2264
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.7 26.5
 179 22.8 13.7 20.5#



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

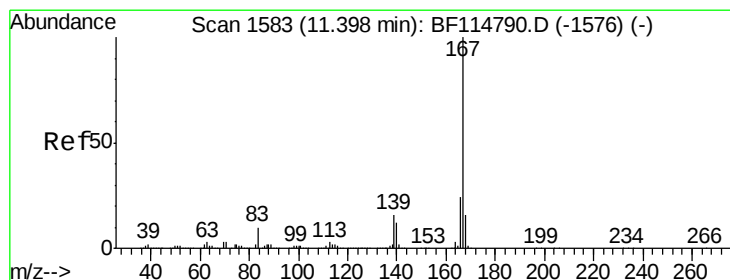
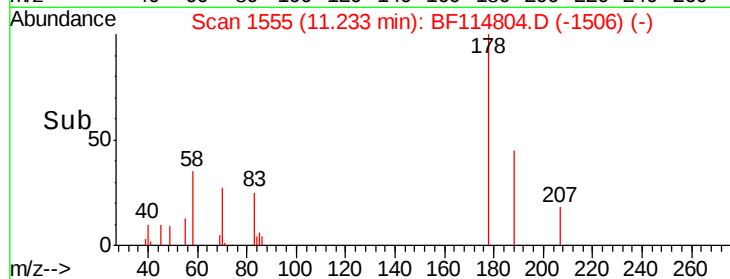
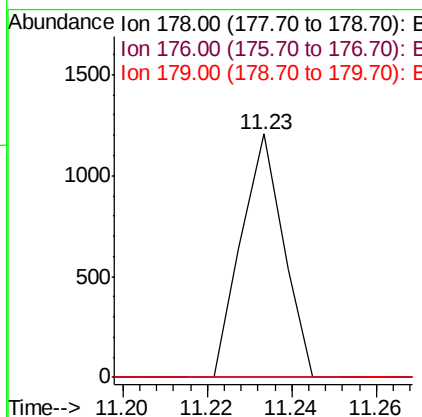
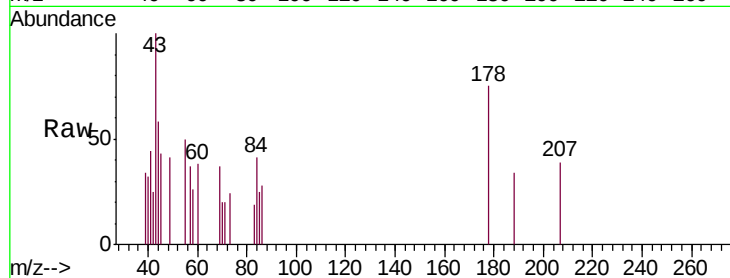




#72
 Anthracene
 Concen: 0.020 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

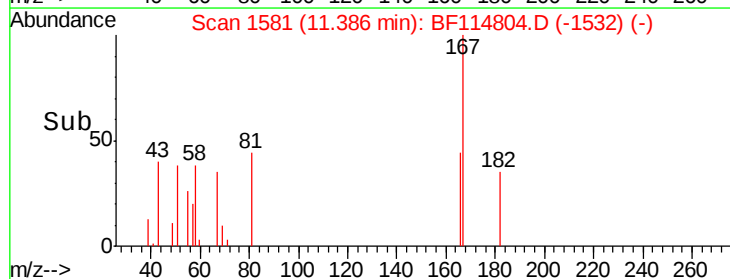
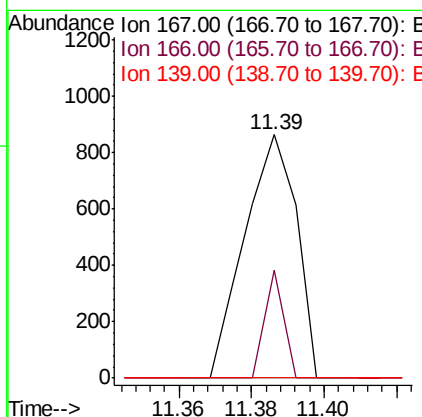
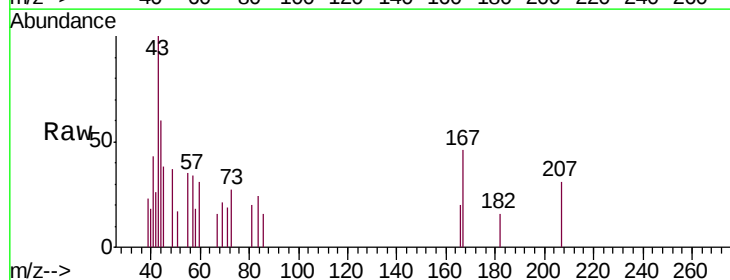
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-B

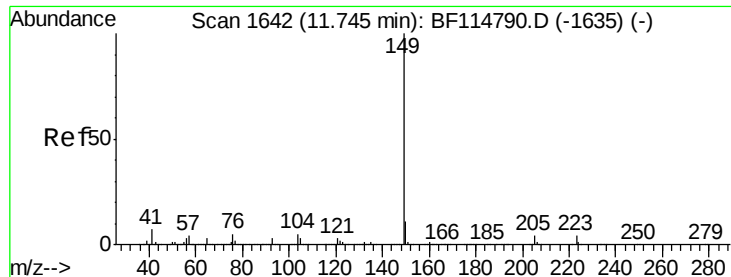
Tgt Ion:178 Resp: 839
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.4 26.0#
 179 0.0 14.2 21.4#



#73
 Carbazole
 Concen: 0.024 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF114804.D
 Acq: 4 Jun 2019 21:14

Tgt Ion:167 Resp: 856
 Ion Ratio Lower Upper
 167 100
 166 44.3 19.1 28.7#
 139 0.0 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 0.286 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

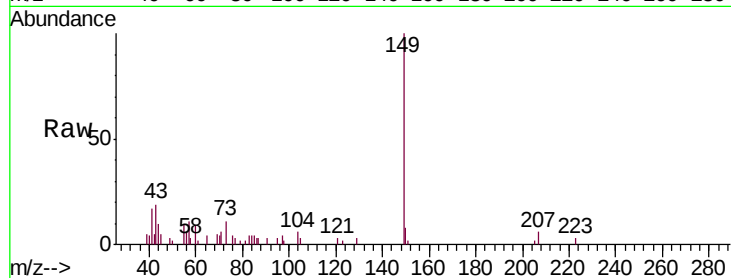
Tgt Ion:149 Resp: 13248

Ion Ratio Lower Upper

149 100

150 7.7 8.9 13.3#

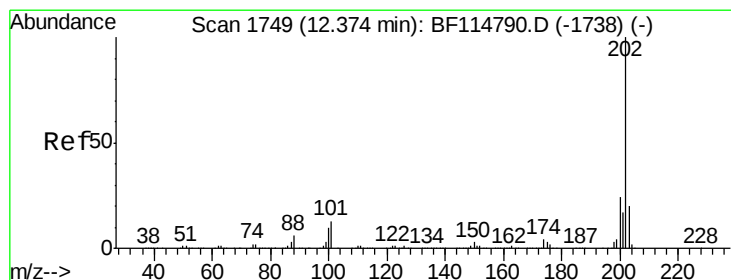
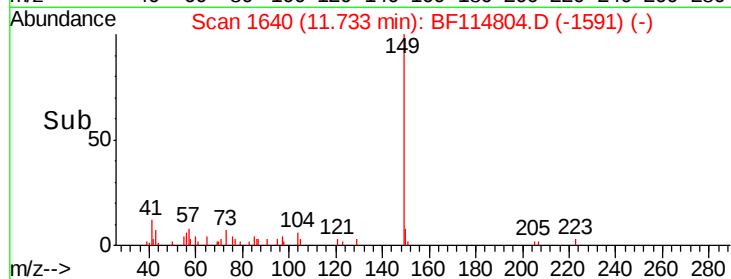
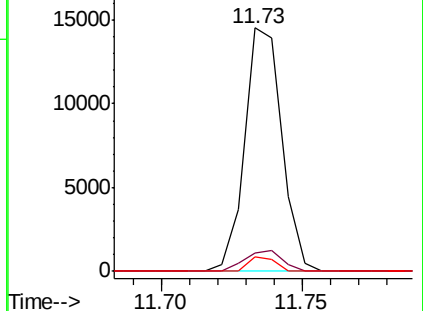
104 6.2 4.3 6.5



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: 0.031 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

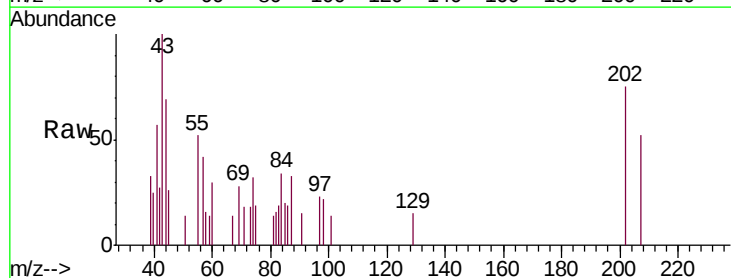
Tgt Ion:202 Resp: 1271

Ion Ratio Lower Upper

202 100

101 18.8 0.0 32.8

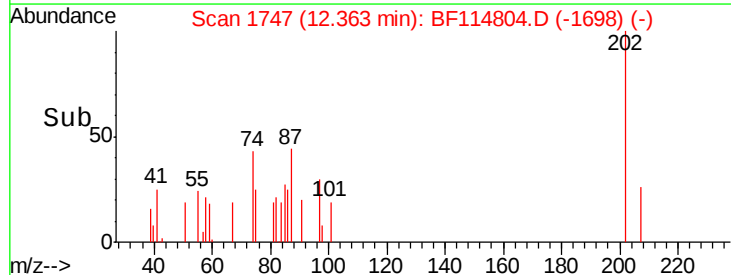
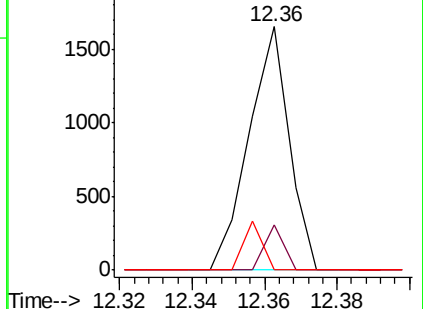
203 0.0 0.2 40.2#

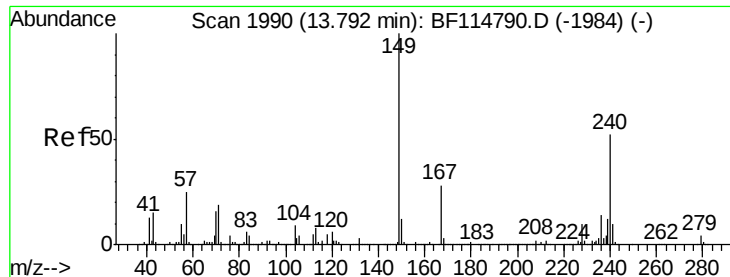


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

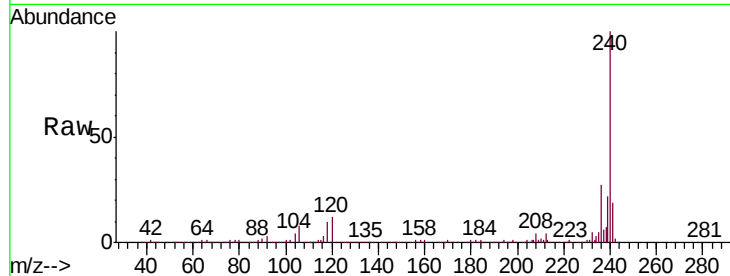
Tgt Ion:240 Resp: 713442

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

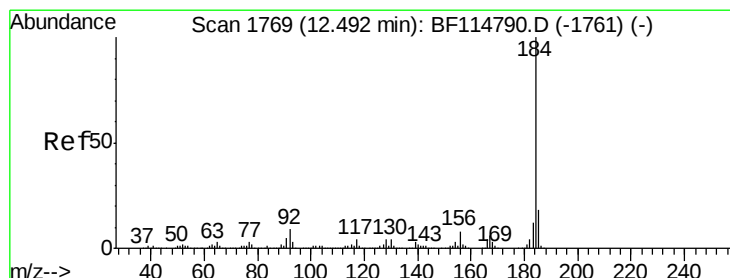
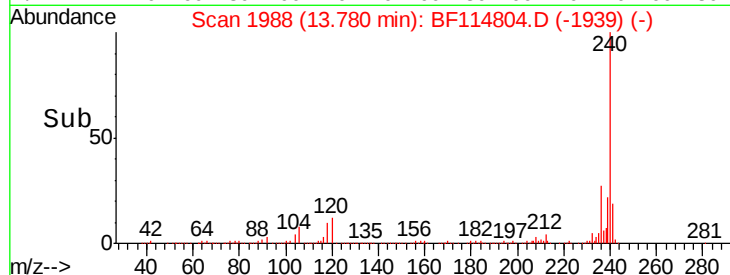
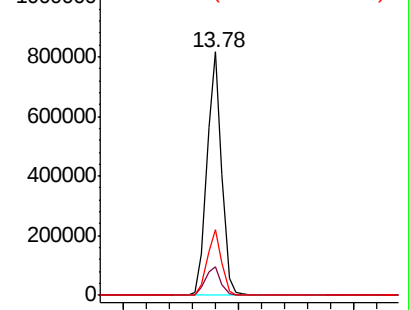
236 27.1 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.046 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.25 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

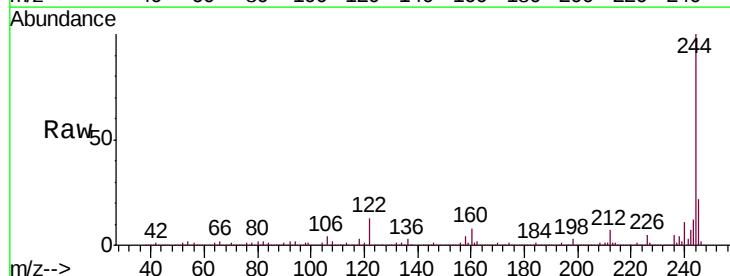
Tgt Ion:184 Resp: 36960

Ion Ratio Lower Upper

184 100

185 16.4 14.1 21.1

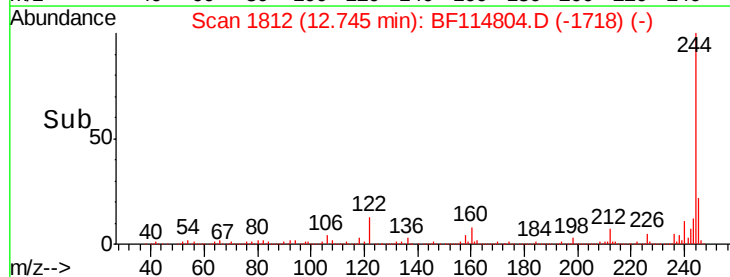
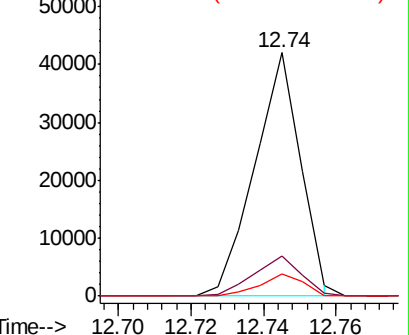
183 8.9 9.9 14.9#

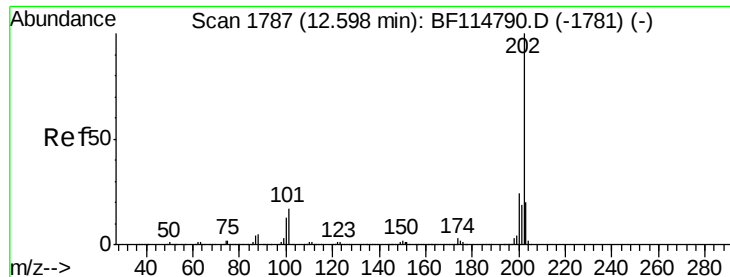


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.017 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-B

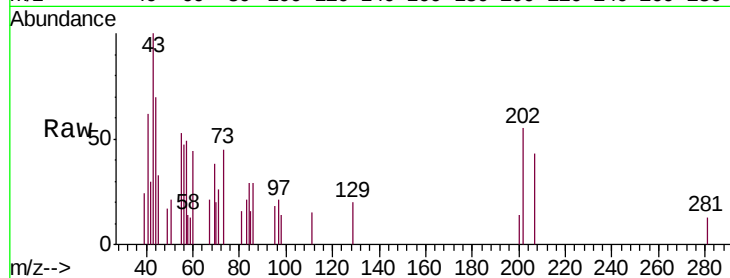
Tgt Ion: 202 Resp: 1060

Ion Ratio Lower Upper

202 100

200 25.3 19.2 28.8

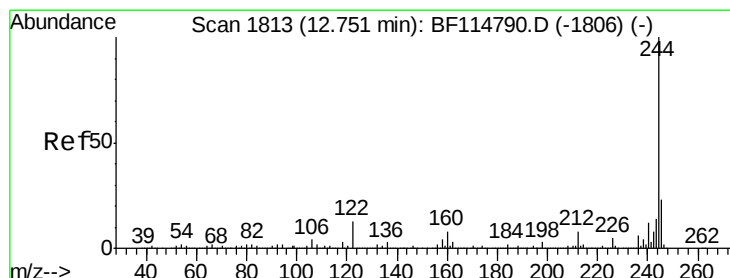
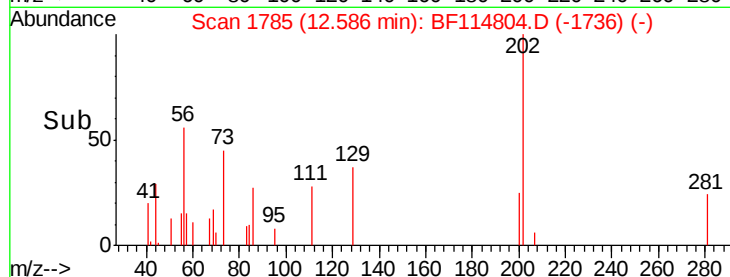
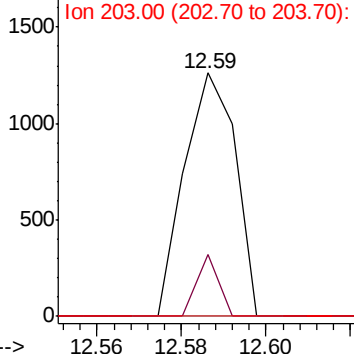
203 0.0 15.9 23.9#



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: 75.082 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114804.D

Acq: 4 Jun 2019 21:14

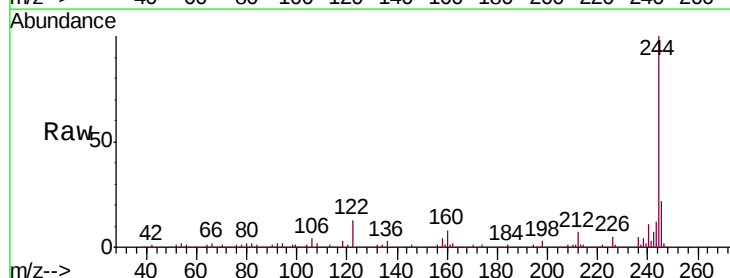
Tgt Ion: 244 Resp: 2754412

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 12.9 10.5 15.7



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

