

Data File : BF118573.D
Acq On : 17 Jan 2020 22:19
Operator : JU
Sample : L1017-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Quant Time: Jan 18 01:09:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	343106	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1254002	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	689190	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1306854	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1150387	20.00	ng	0.00
87) Perylene-d12	15.52	264	1194712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2550386	137.35	ng	0.01
7) Phenol-d6	6.52	99	3100495	127.43	ng	0.00
23) Nitrobenzene-d5	7.45	82	2057017	101.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1148509	150.75	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3881020	101.66	ng	0.00
79) Terphenyl-d14	13.00	244	4975216	85.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	325	0.036	ng	# 23
3) Pyridine	3.44	79	400	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.37	42	175	0.015	ng	# 1
6) Aniline	6.55	93	241	0.008	ng	# 41
8) 2-Chlorophenol	6.67	128	828	0.039	ng	# 1
9) Benzaldehyde	6.52	77	5749	0.462	ng	# 3
10) Phenol	6.52	94	781	0.029	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	4484	0.210	ng	# 1
12) 1,3-Dichlorobenzene	6.90	146	106	0.004	ng	# 1
13) 1,4-Dichlorobenzene	6.90	146	106	0.004	ng	# 23
14) 1,2-Dichlorobenzene	7.05	146	113	0.005	ng	# 1
15) Benzyl Alcohol	7.05	79	38531	1.930	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	7.14	45	63	0.002	ng	# 65
17) 2-Methylphenol	7.05	107	284	0.016	ng	# 1
18) Hexachloroethane	7.43	117	138	0.015	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	296821	17.011	ng	# 78
20) 3+4-Methylphenols	7.05	107	284	0.013	ng	# 1
22) Acetophenone	7.29	105	3611	0.119	ng	# 91
24) Nitrobenzene	7.45	77	7706	0.357	ng	# 32
25) Isophorone	7.45	82	2049414	46.508	ng	# 63
27) 2,4-Dimethylphenol	7.83	122	1465	0.084	ng	# 4
28) bis(2-Chloroethoxy)methane	8.02	93	122	0.004	ng	# 48
30) 1,2,4-Trichlorobenzene	8.11	180	159	0.007	ng	# 66
31) Naphthalene	8.19	128	74032	1.252	ng	# 95
32) Benzoic acid	7.83	122	1465	7.956	ng	# 89
33) 4-Chloroaniline	8.19	127	9925	0.361	ng	# 32
35) Caprolactam	8.82	113	234	0.039	ng	# 18
37) 2-Methylnaphthalene	8.88	142	12717	0.304	ng	# 95
38) 1-Methylnaphthalene	8.88	142	12717	0.321	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	260	0.012	ng	# 60
46) 1,1'-Biphenyl	9.35	154	13505	0.274	ng	# 94
47) 2-Chloronaphthalene	9.37	162	493	0.012	ng	# 57
48) 2-Nitroaniline	9.35	65	247	0.023	ng	# 5
49) Acenaphthylene	9.78	152	1811	0.031	ng	# 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 2,6-Dinitrotoluene	9.92	165	89440	9.906	ng	# 26
52) Acenaphthene	9.96	154	11108	0.289	ng	95
53) 3-Nitroaniline	10.13	138	135	0.013	ng	# 1
55) Dibenzofuran	10.13	168	18597	0.342	ng	99
56) 4-Nitrophenol	10.13	139	6855	0.907	ng	# 4
57) 2,4-Dinitrotoluene	9.92	165	89440	11.766	ng	# 22
58) Fluorene	10.47	166	20027	0.476	ng	96
60) Diethylphthalate	10.34	149	2451	0.053	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	483	0.021	ng	# 63
62) 4-Nitroaniline	10.46	138	302	0.030	ng	# 16
63) Azobenzene	10.63	77	1663	0.037	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.71	198	2802	10.145	ng	# 1
66) n-Nitrosodiphenylamine	10.71	169	31480	0.750	ng	# 42
67) 4-Bromophenyl-phenylether	10.71	248	74086	4.235	ng	# 1
68) Hexachlorobenzene	11.02	284	348	0.018	ng	# 43
70) Pentachlorophenol	11.20	266	134	0.014	ng	# 19
71) Phenanthrene	11.43	178	55089	0.839	ng	94
72) Anthracene	11.43	178	55089	0.841	ng	95
73) Carbazole	11.63	167	31245	0.529	ng	94
74) Di-n-butylphthalate	11.97	149	4334	0.059	ng	# 95
75) Fluoranthene	12.62	202	12719	0.180	ng	97
77) Benzidine	13.00	184	72794	2.604	ng	# 95
78) Pyrene	12.62	202	12719	0.148	ng	94
80) Butylbenzylphthalate	13.46	149	404	0.011	ng	# 34
81) Benzo(a)anthracene	14.05	228	4840	0.067	ng	# 66
83) Chrysene	14.05	228	4840	0.069	ng	# 63
84) Bis(2-ethylhexyl)phthalate	14.03	149	5123	0.112	ng	# 93
85) Di-n-octyl phthalate	14.64	149	475	0.007	ng	# 74
88) Benzo(b)fluoranthene	15.09	252	1073	0.014	ng	# 70
89) Benzo(k)fluoranthene	15.11	252	799	0.011	ng	# 58
90) Benzo(a)pyrene	15.45	252	532	0.008	ng	# 59

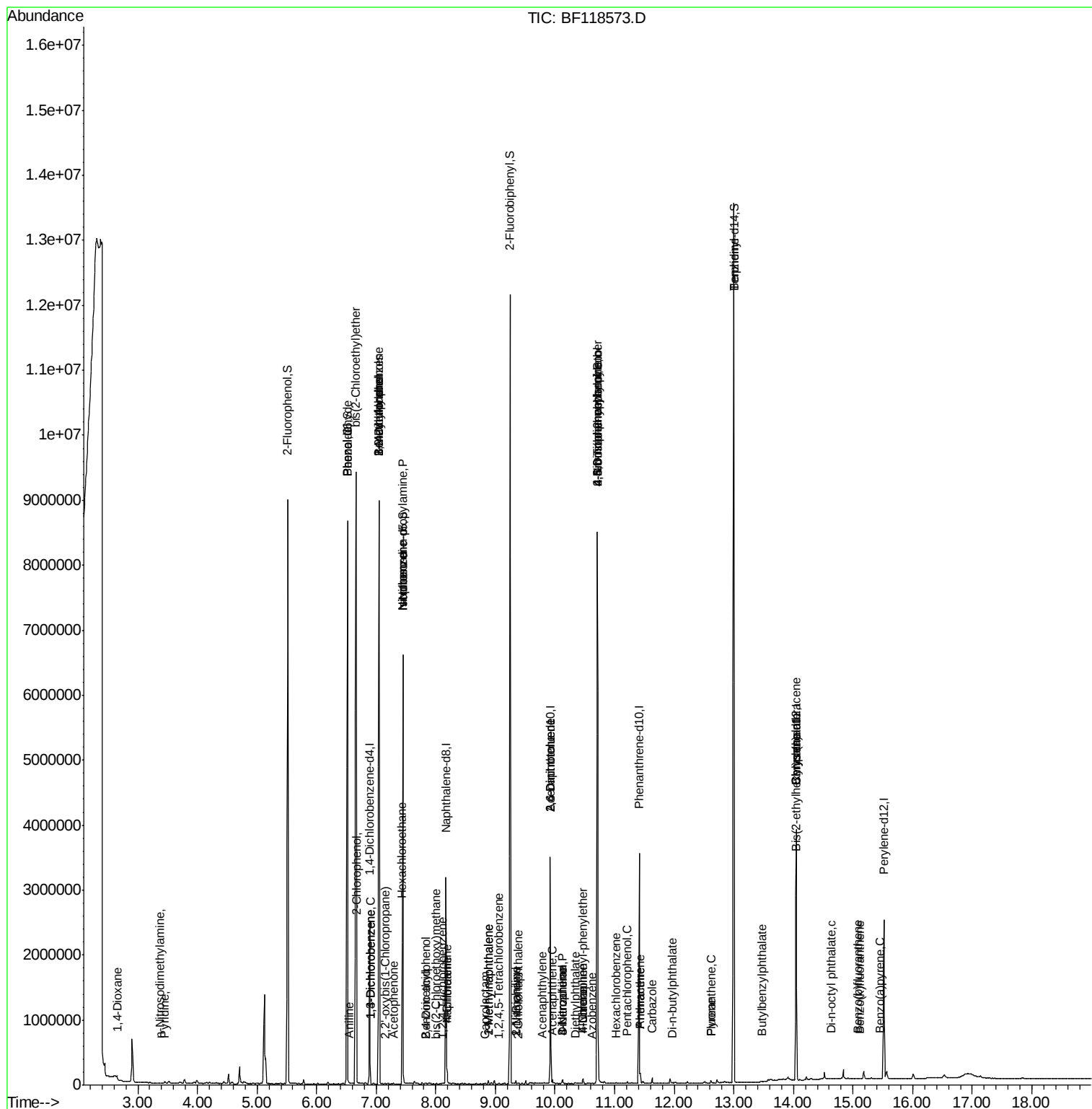
(#) = qualifier out of range (m) = manual integration (+) = signals summed

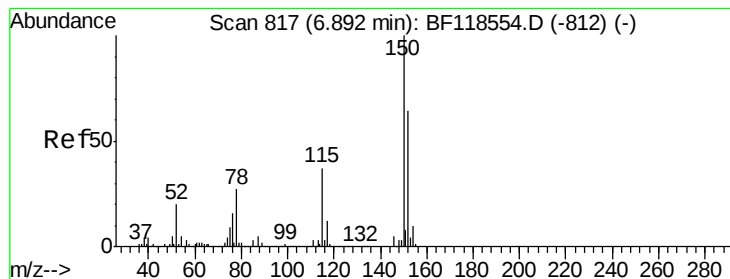
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

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ClientSampleId :

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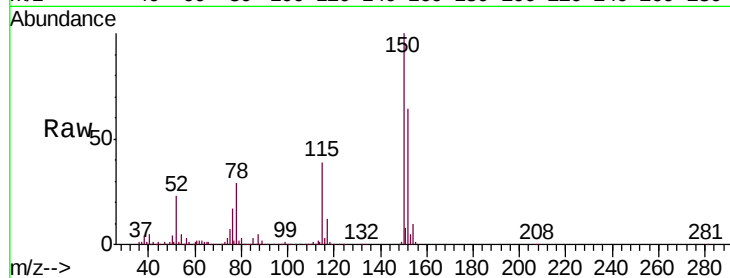
Tgt Ion:152 Resp: 343106

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

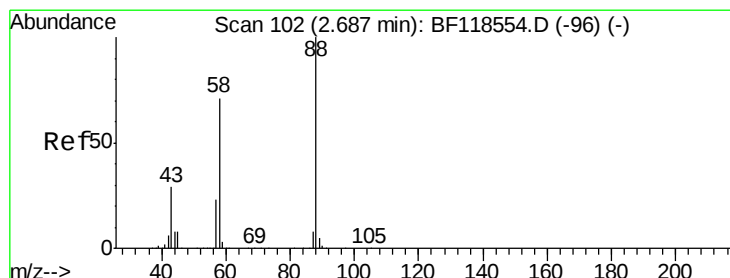
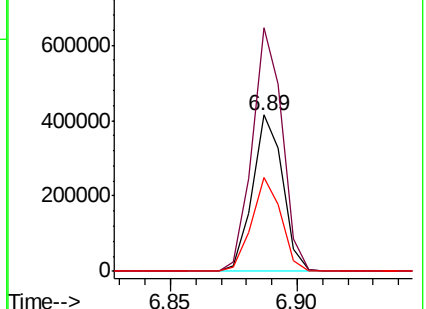
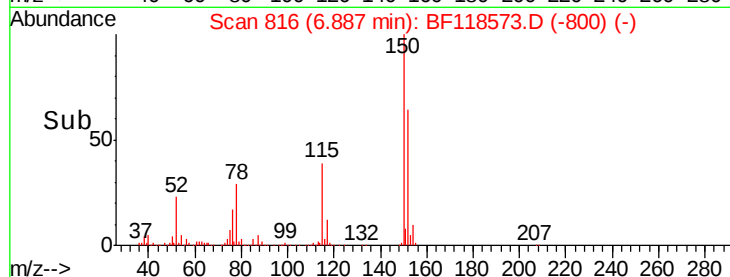
115 60.1 45.8 68.6



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: 0.036 ng

RT: 2.67 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

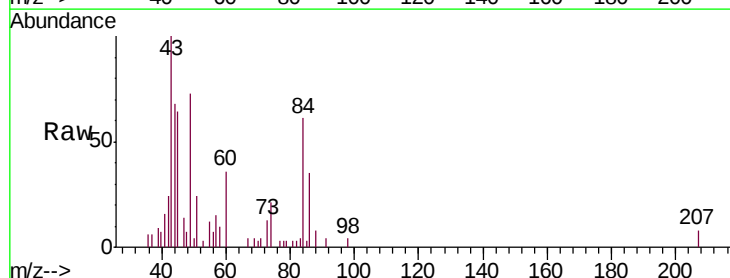
Tgt Ion: 88 Resp: 325

Ion Ratio Lower Upper

88 100

58 0.0 56.7 85.1#

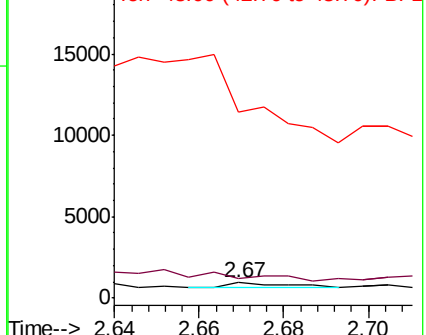
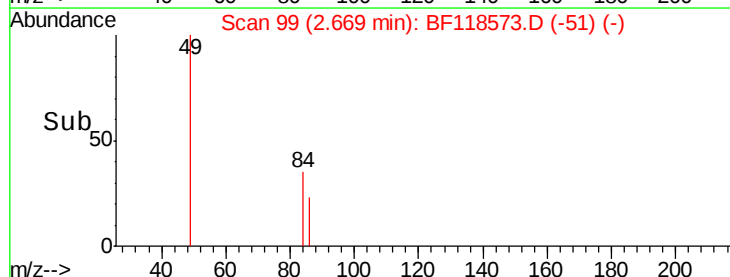
43 0.0 23.3 34.9#

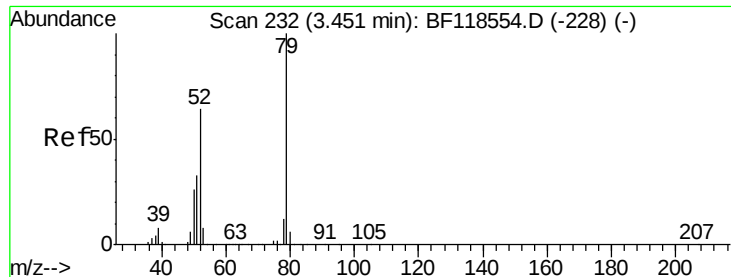


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.016 ng

RT: 3.44 min Scan# 230

Delta R.T. -0.01 min

Lab File: BF118573.D

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Instrument :

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ClientSampleId :

TR-05-011520

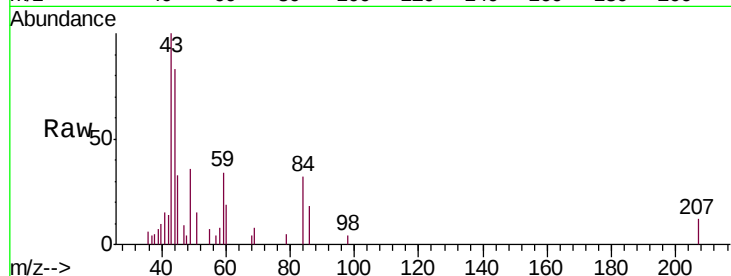
Tgt Ion: 79 Resp: 400

Ion Ratio Lower Upper

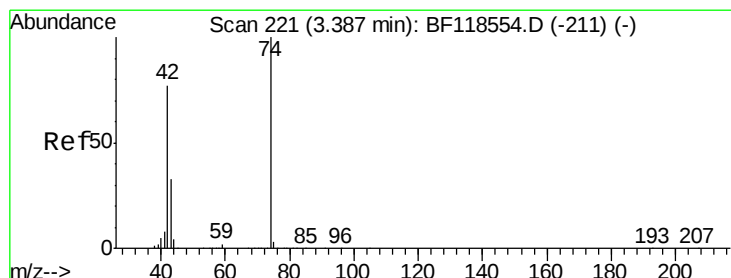
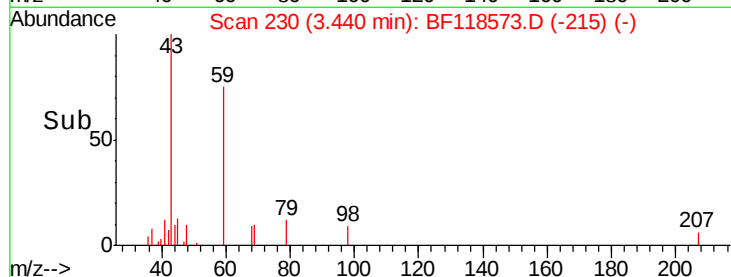
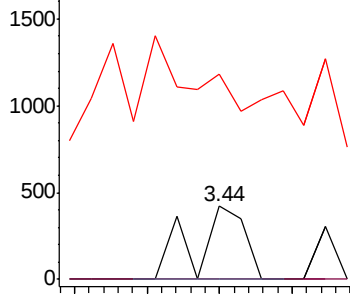
79 100

52 0.0 51.3 76.9#

51 281.9 26.7 40.1#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.015 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

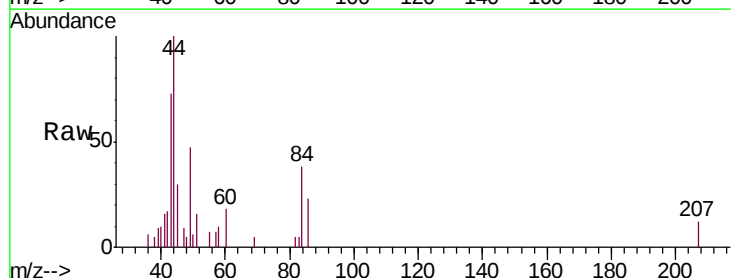
Tgt Ion: 42 Resp: 175

Ion Ratio Lower Upper

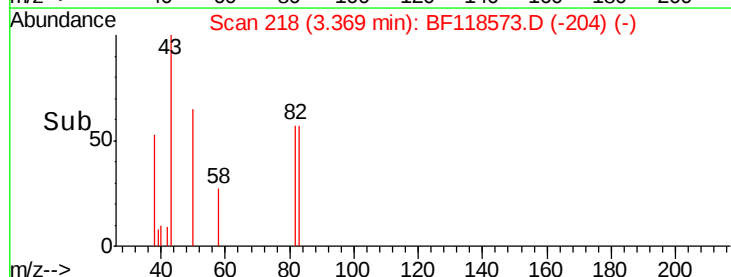
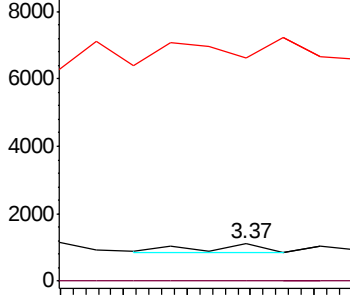
42 100

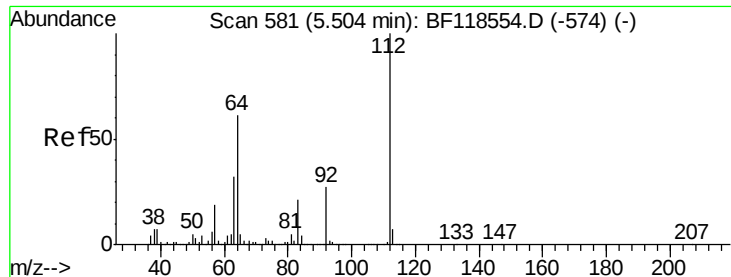
74 0.0 103.1 154.7#

44 599.1 5.4 8.2#



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: 137.345 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF118573.D

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TR-05-011520

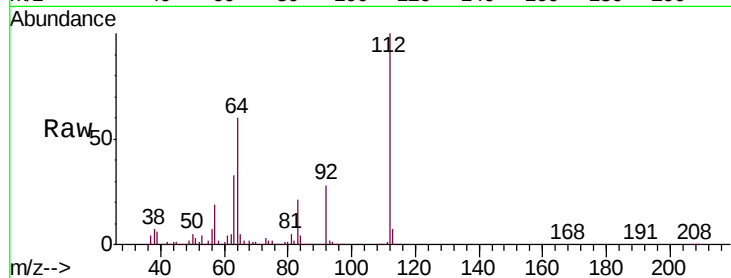
Tgt Ion:112 Resp: 2550386

Ion Ratio Lower Upper

112 100

64 60.4 49.1 73.7

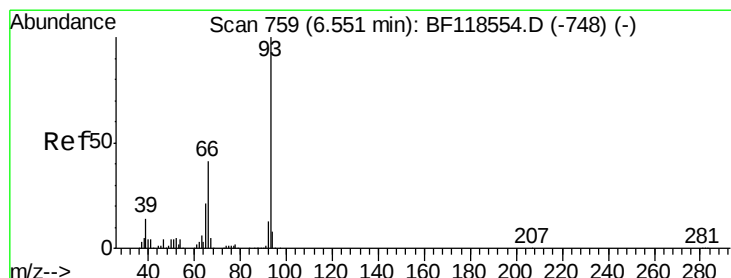
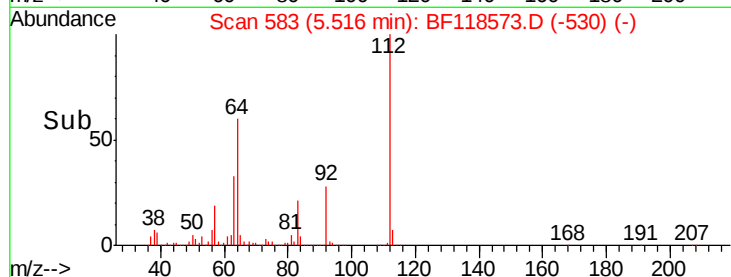
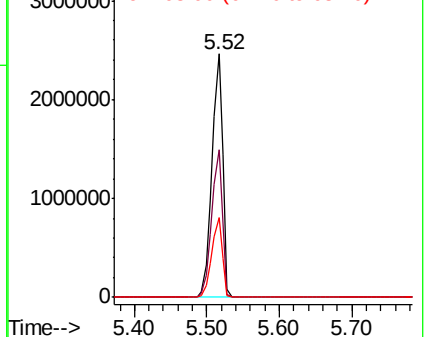
63 32.8 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.008 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

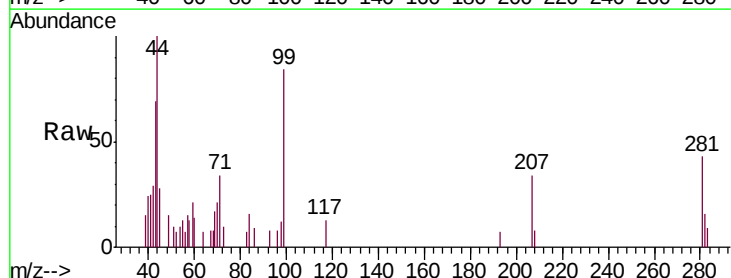
Tgt Ion: 93 Resp: 241

Ion Ratio Lower Upper

93 100

66 0.0 32.9 49.3#

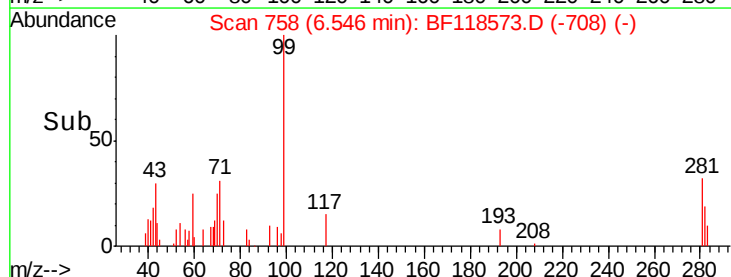
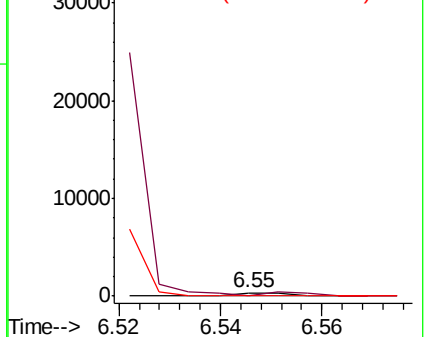
65 0.0 16.5 24.7#

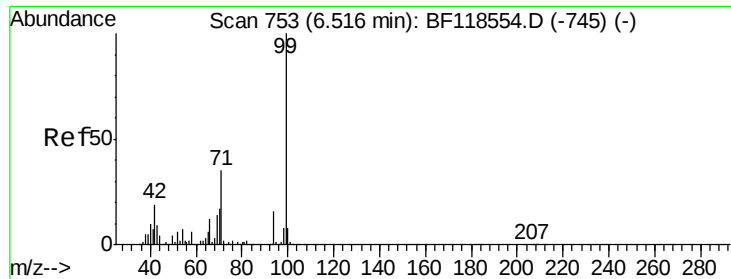


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.429 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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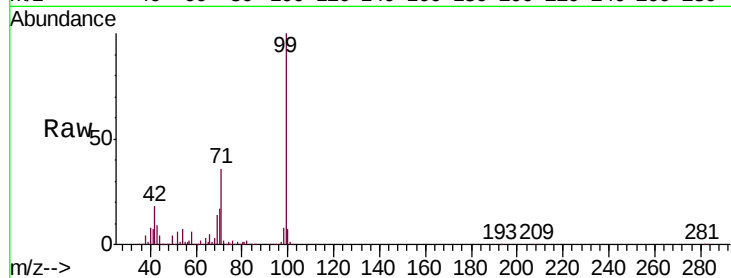
Tgt Ion: 99 Resp: 3100495

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

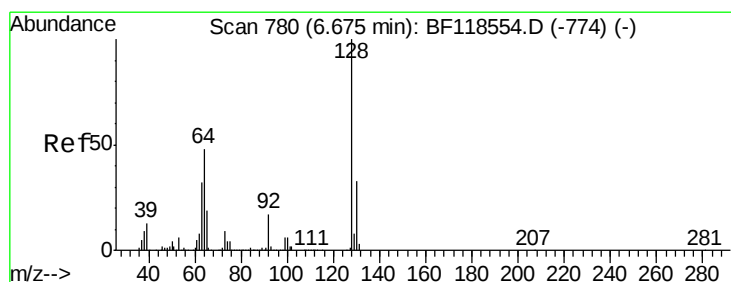
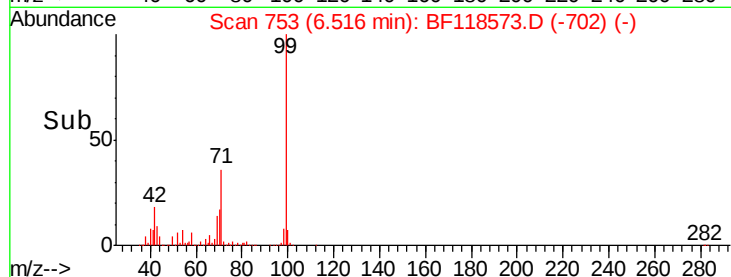
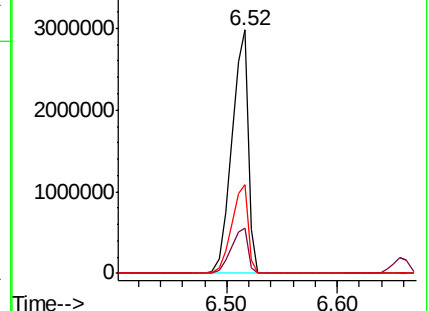
71 36.3 28.3 42.5



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: 0.039 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

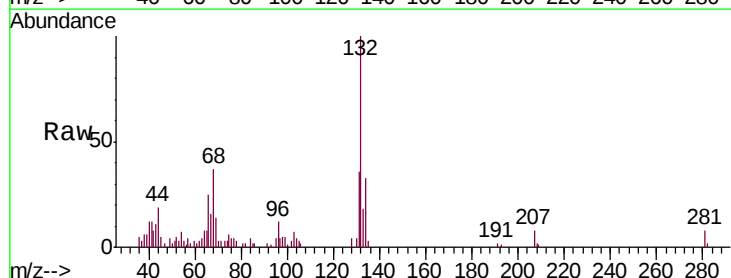
Tgt Ion: 128 Resp: 828

Ion Ratio Lower Upper

128 100

130 107.6 13.2 53.2#

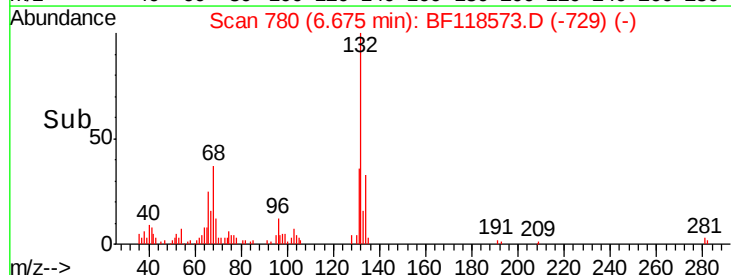
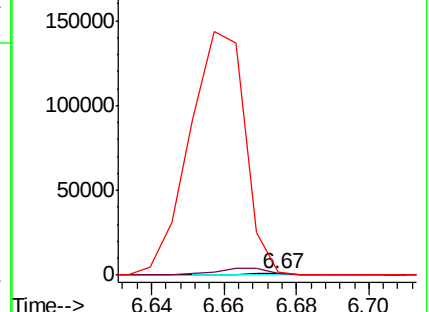
64 197.1 28.9 68.9#

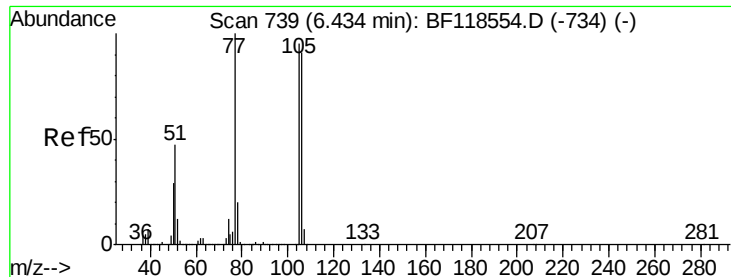


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.462 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.08 min

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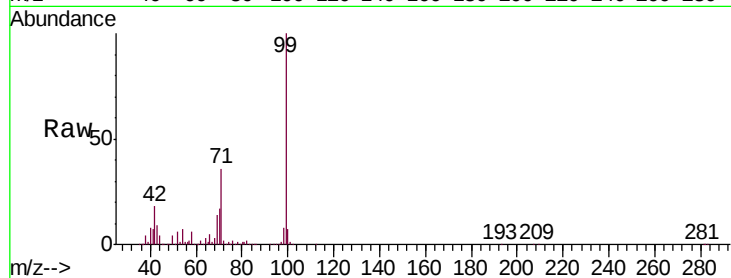
Tgt Ion: 77 Resp: 5749

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

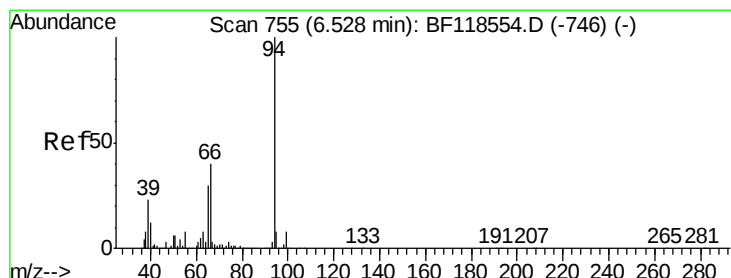
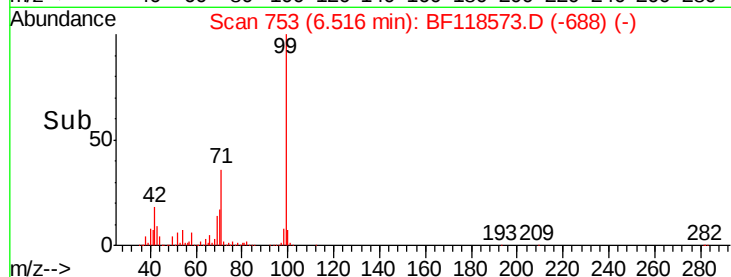
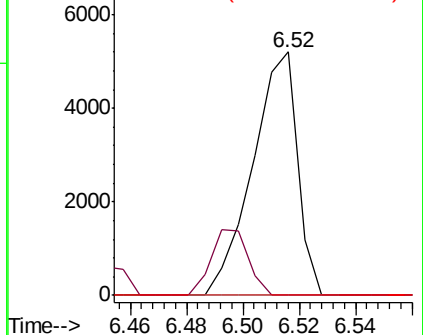
106 0.0 71.4 111.4#



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: 0.029 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

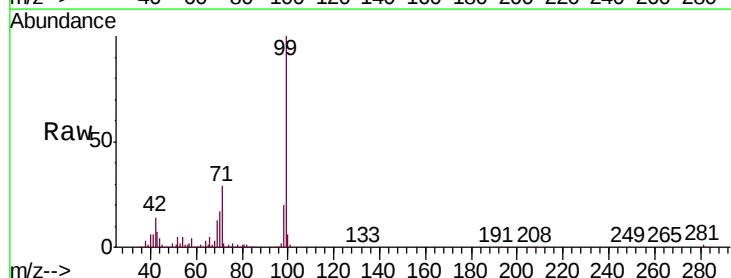
Tgt Ion: 94 Resp: 781

Ion Ratio Lower Upper

94 100

65 877.0 9.8 49.8#

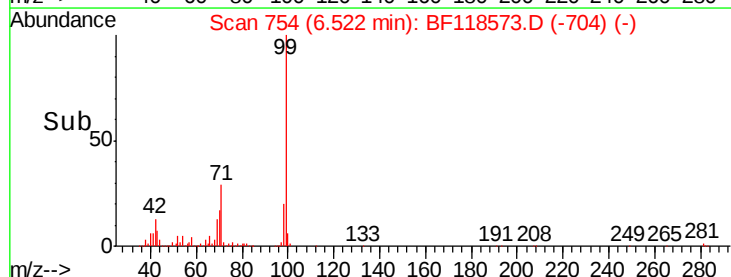
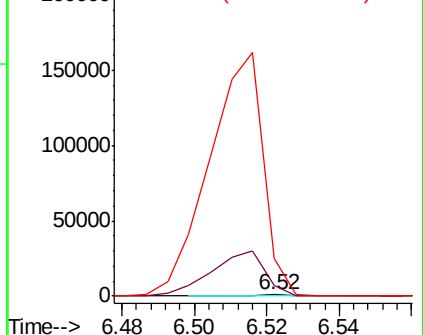
66 3200.0 19.5 59.5#

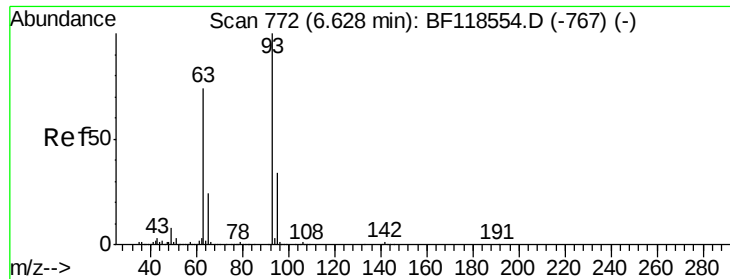


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

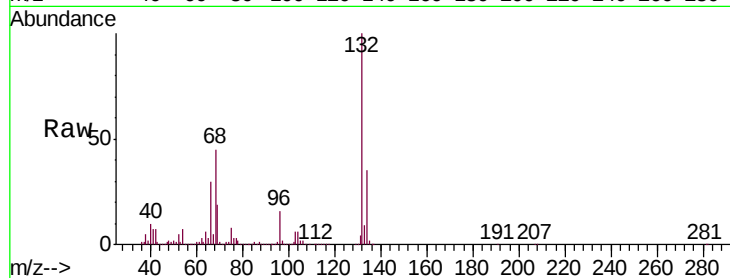




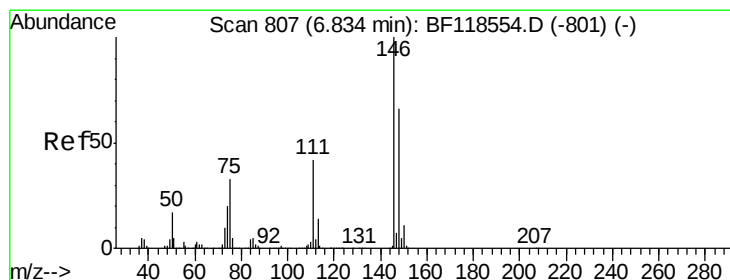
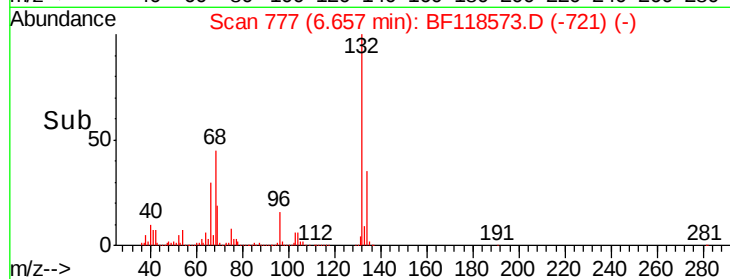
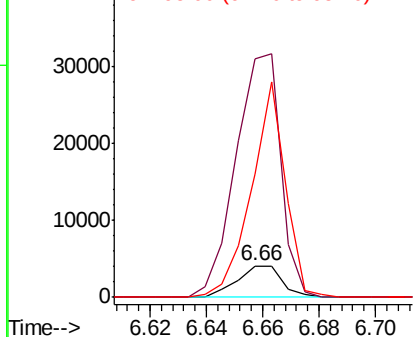
#11
bis(2-Chloroethyl)ether
Concen: 0.210 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.03 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion: 93 Resp: 4484
Ion Ratio Lower Upper
93 100
63 753.5 54.0 94.0#
95 388.0 13.5 53.5#

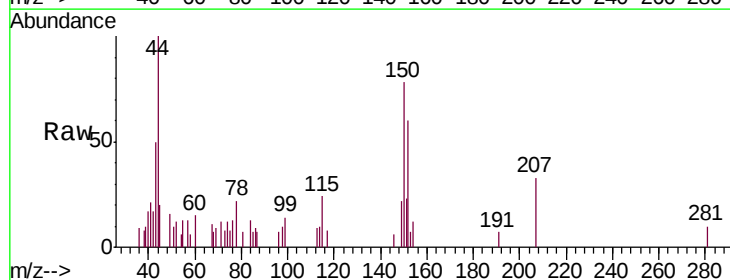


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

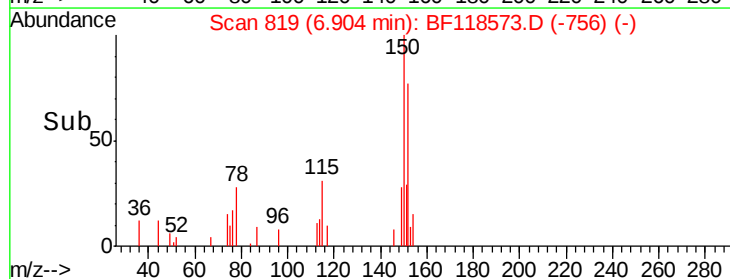
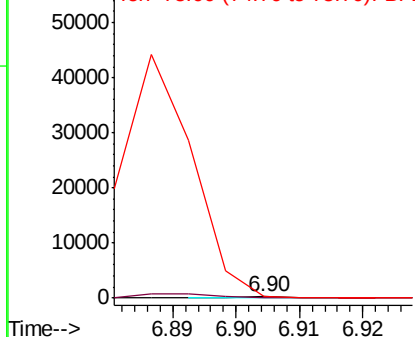


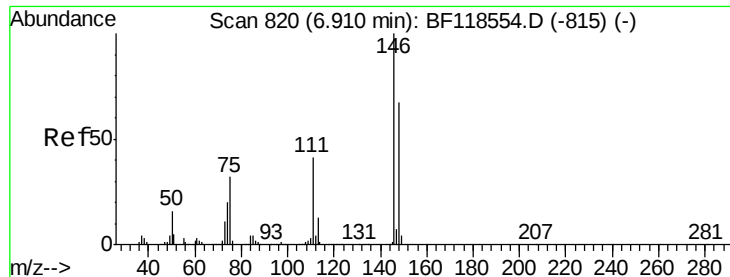
#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.07 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 146 Resp: 106
Ion Ratio Lower Upper
146 100
148 0.0 53.0 79.6#
75 125.7 26.5 39.7#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

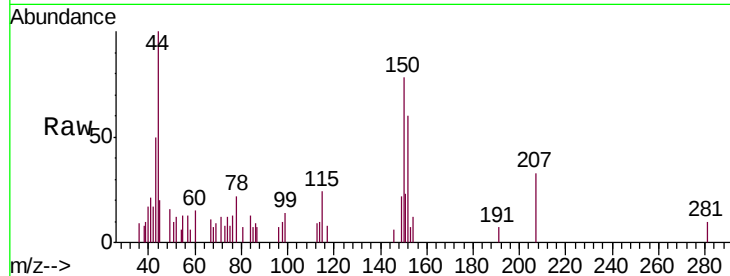




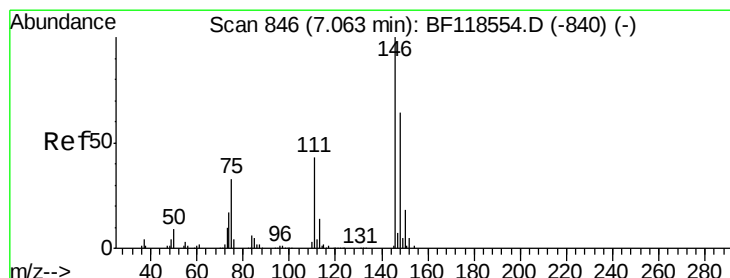
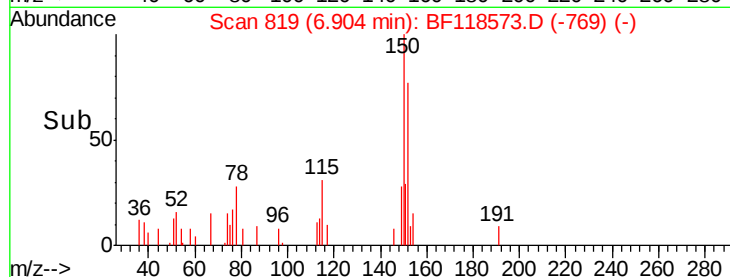
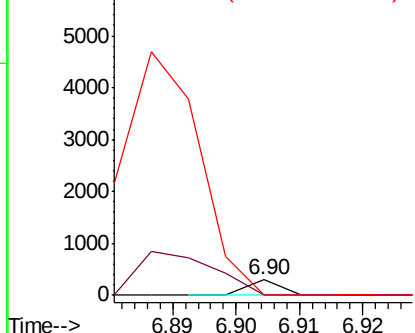
#13
 1,4-Dichlorobenzene
 Concen: 0.004 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-011520

Tgt Ion:146 Resp: 106
 Ion Ratio Lower Upper
 146 100
 148 0.0 53.4 80.2#
 111 0.0 32.6 48.8#

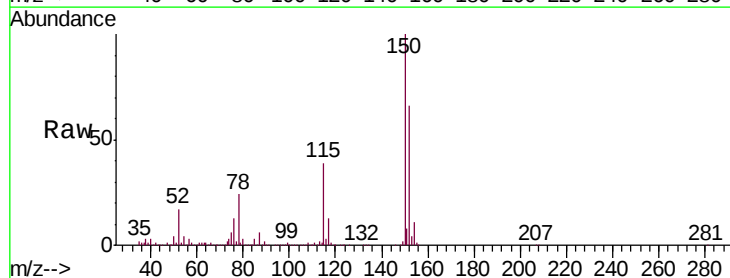


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

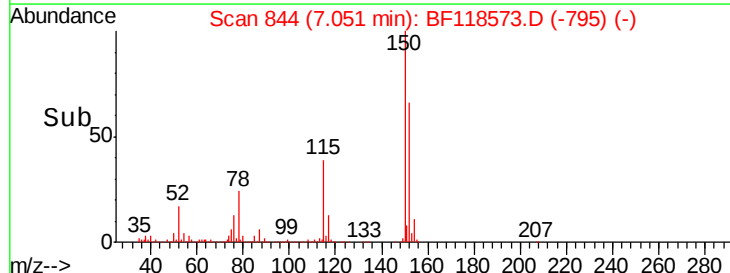
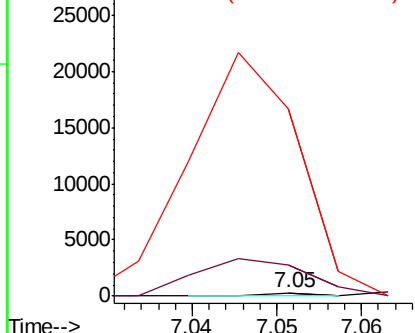


#14
 1,2-Dichlorobenzene
 Concen: 0.005 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Tgt Ion:146 Resp: 113
 Ion Ratio Lower Upper
 146 100
 148 860.6 51.2 76.8#
 111 5222.5 34.6 52.0#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.930 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

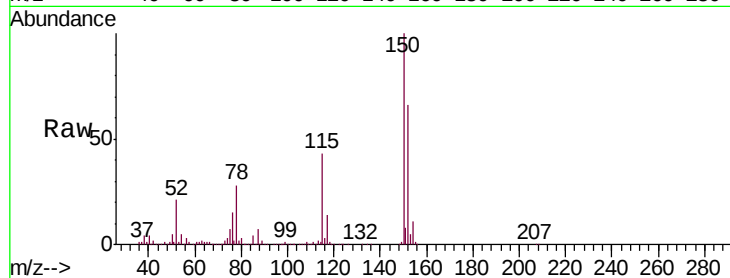
Tgt Ion: 79 Resp: 38531

Ion Ratio Lower Upper

79 100

108 33.3 61.9 92.9#

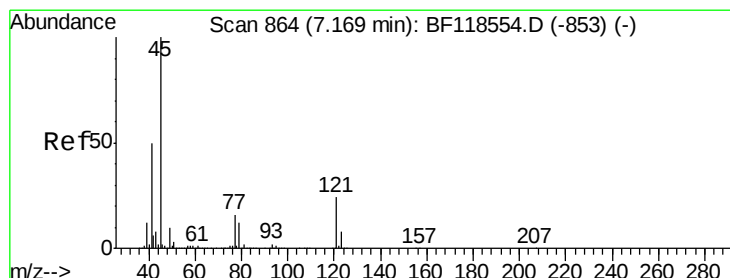
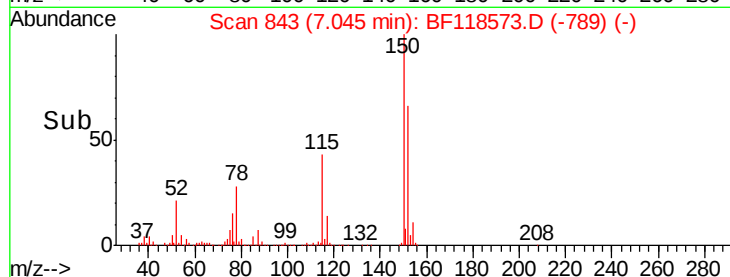
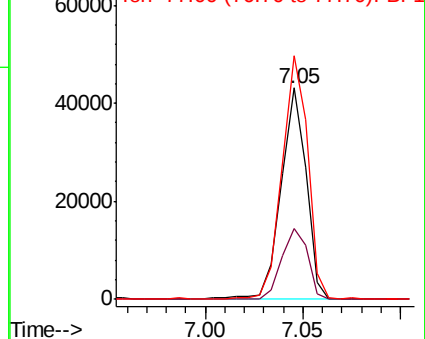
77 115.4 51.5 77.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.002 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

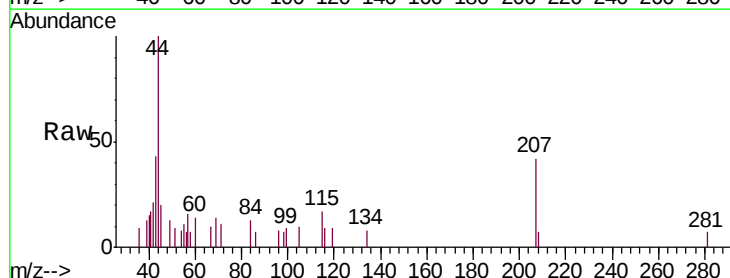
Tgt Ion: 45 Resp: 63

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.8

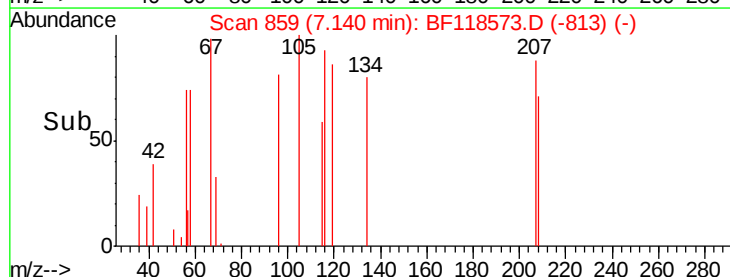
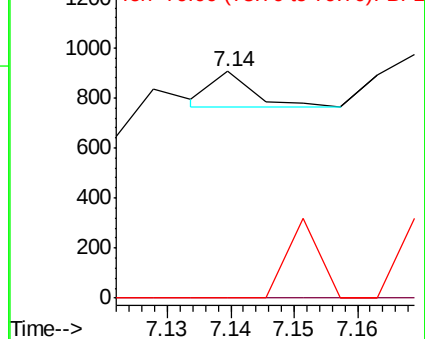
79 0.0 0.0 32.2

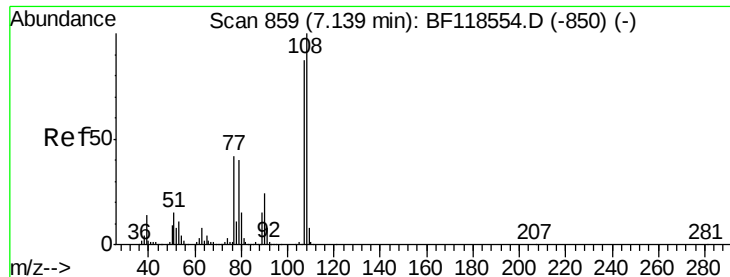


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

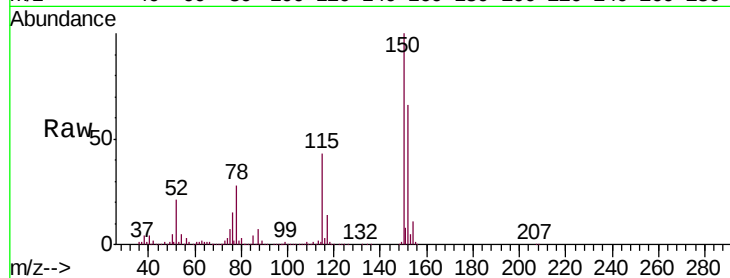




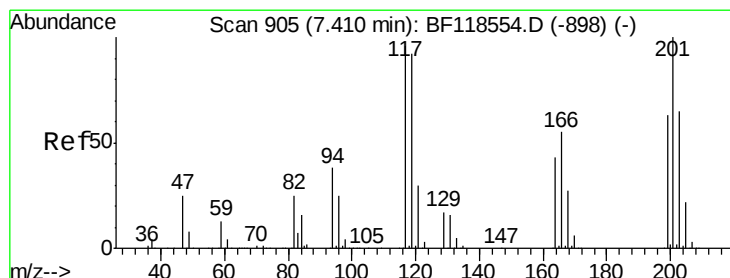
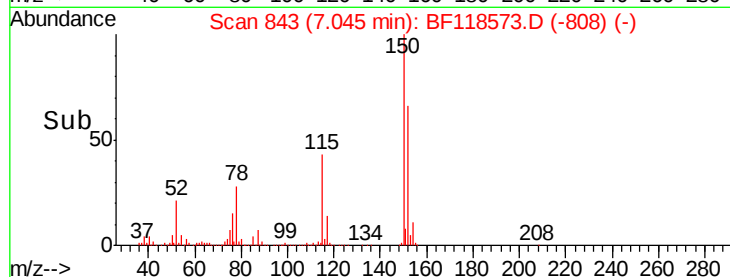
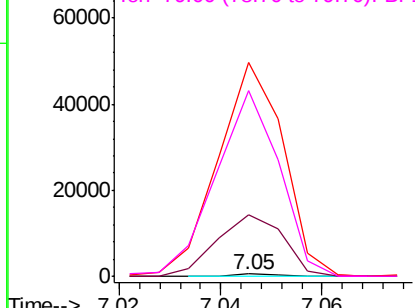
#17
2-Methylphenol
Concen: 0.016 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.09 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:107 Resp: 284
Ion Ratio Lower Upper
107 100
108 2877.0 92.3 138.5#
77 9955.9 38.6 57.8#
79 8628.5 37.0 55.6#

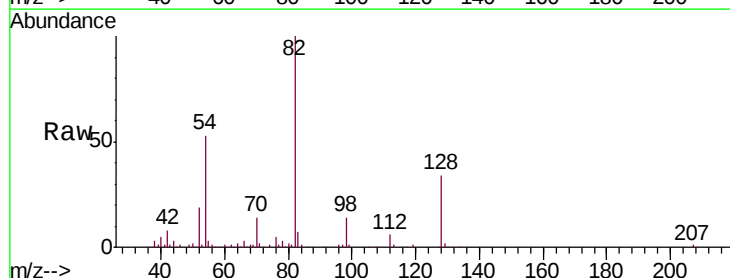


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

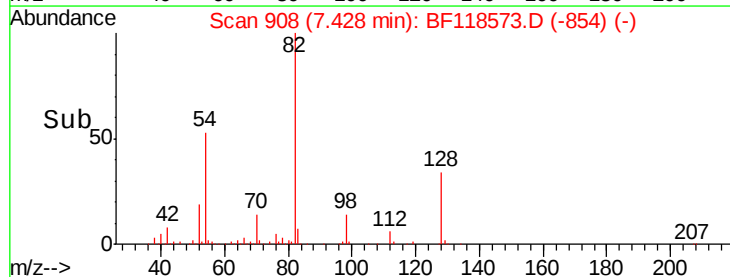
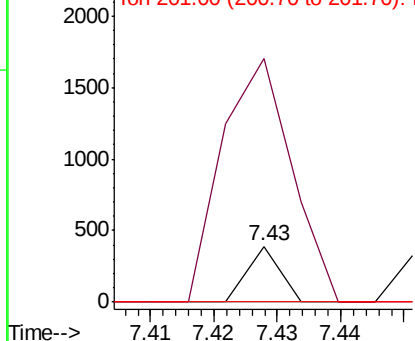


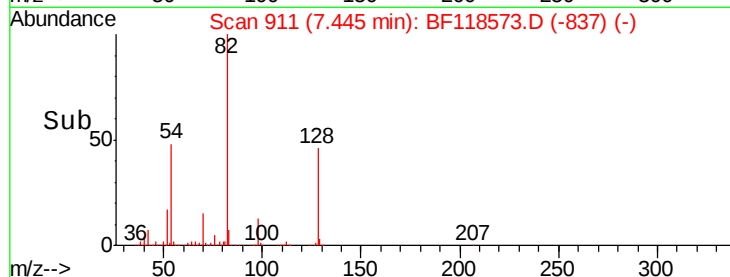
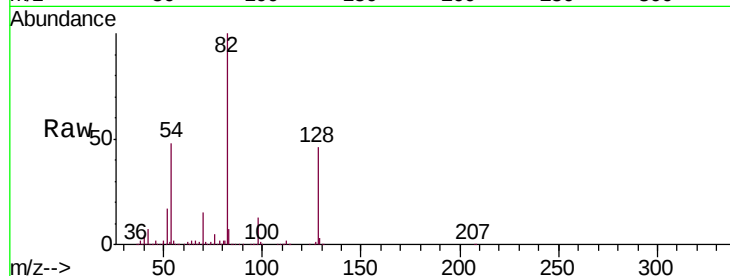
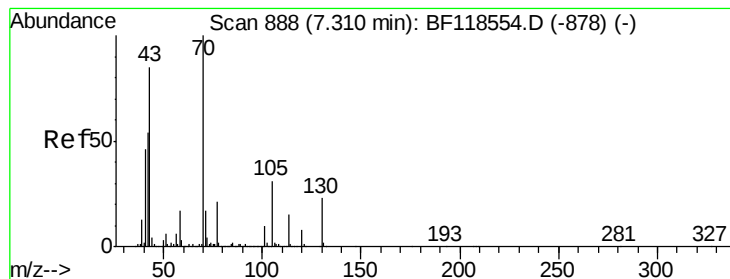
#18
Hexachloroethane
Concen: 0.015 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.02 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:117 Resp: 138
Ion Ratio Lower Upper
117 100
119 434.2 76.9 115.3#
201 0.0 83.6 125.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.011 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

Tgt Ion: 70 Resp: 296821

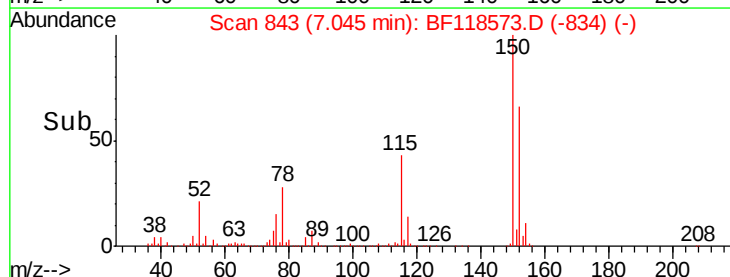
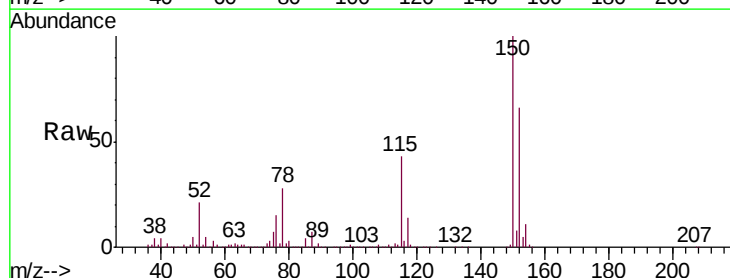
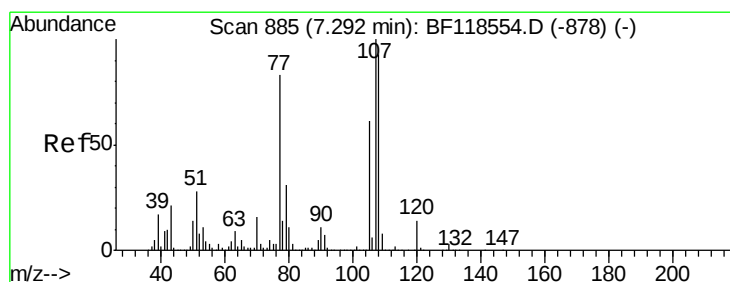
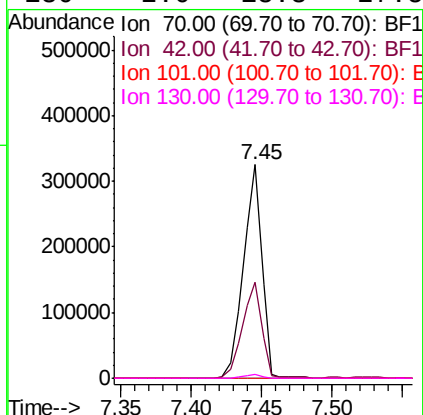
Ion Ratio Lower Upper

70 100

42 45.1 43.6 65.4

101 0.0 7.7 11.5#

130 2.0 18.3 27.5#



#20

3+4-Methylphenols

Concen: 0.013 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.25 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Tgt Ion:107 Resp: 284

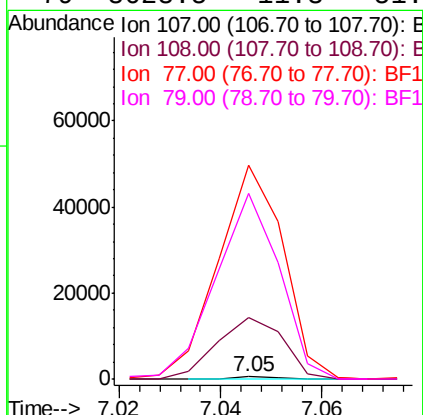
Ion Ratio Lower Upper

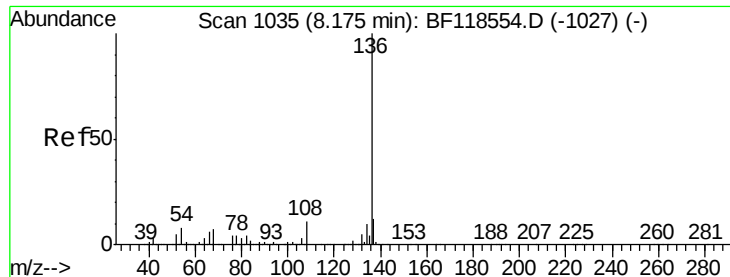
107 100

108 2877.0 72.6 112.6#

77 9955.9 63.0 103.0#

79 8628.5 11.3 51.3#

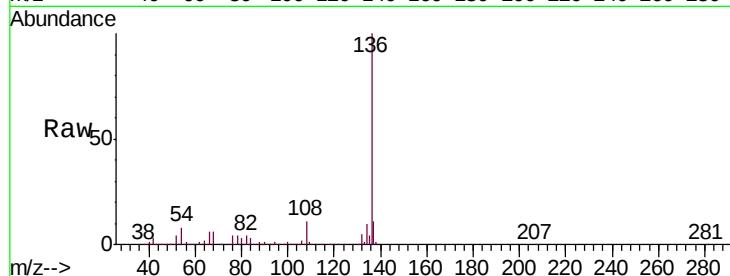




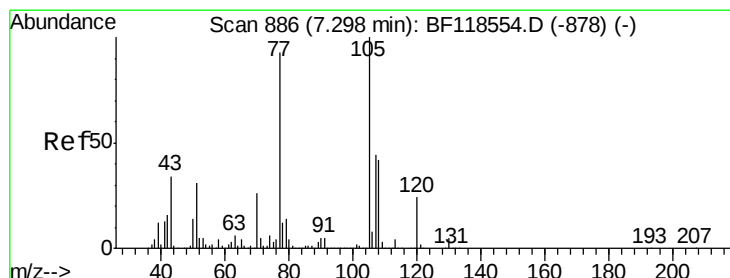
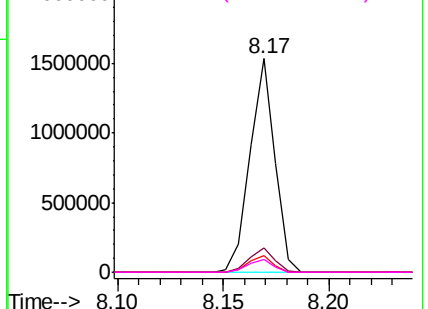
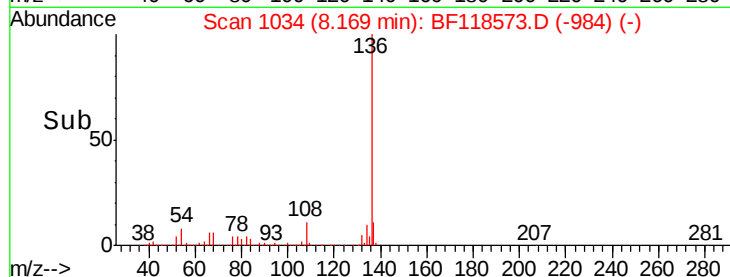
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:	136	Resp:	1254002
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	7.5	6.2	9.2
68	6.2	5.4	8.0

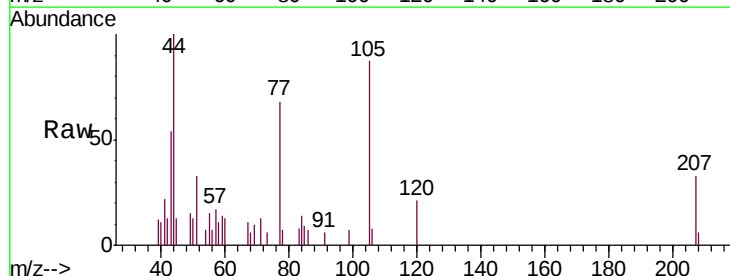


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

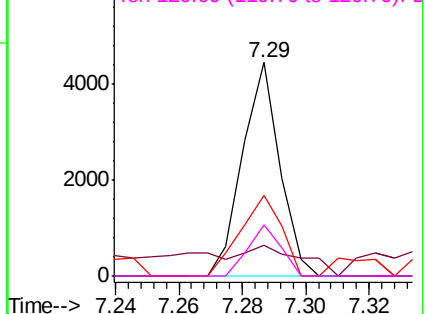
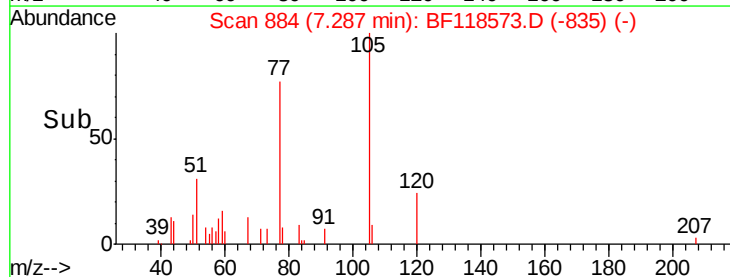


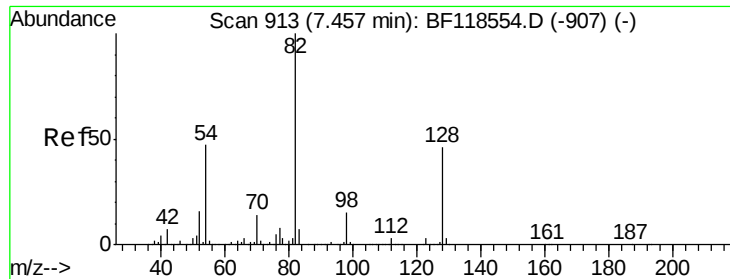
#22
Acetophenone
Concen: 0.119 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:	105	Resp:	3611
Ion	Ratio	Lower	Upper
105	100		
71	14.6	3.8	5.6#
51	37.7	24.9	37.3#
120	24.0	19.2	28.8



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

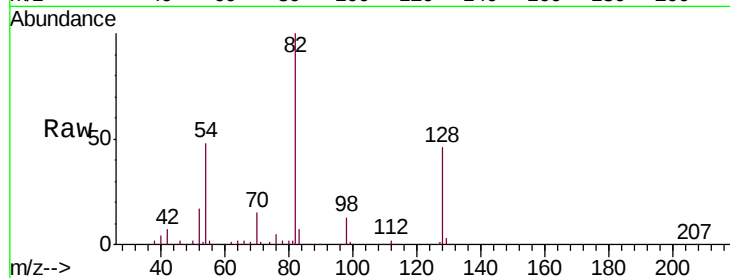




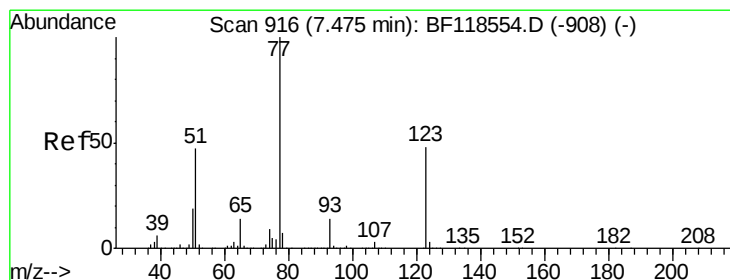
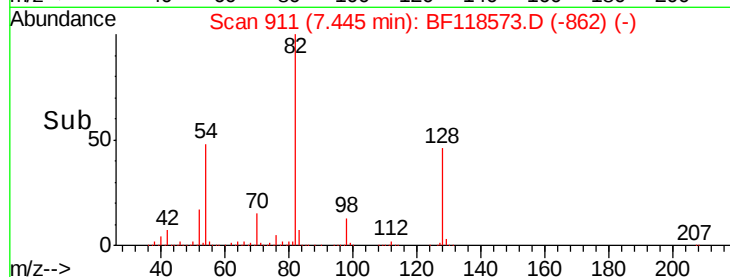
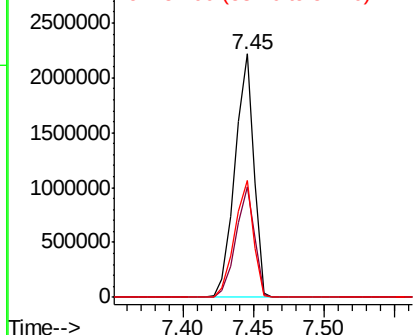
#23
 Nitrobenzene-d5
 Concen: 101.312 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-011520

Tgt Ion: 82 Resp: 2057017
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.0 55.4
 54 48.1 37.4 56.0

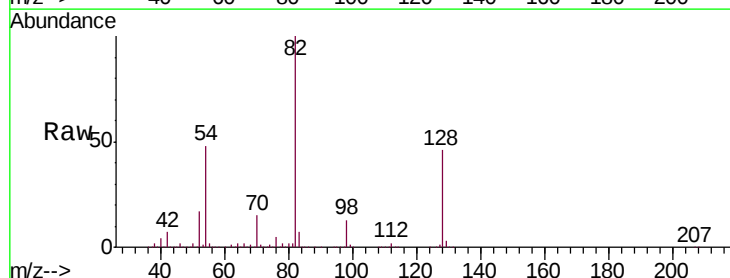


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

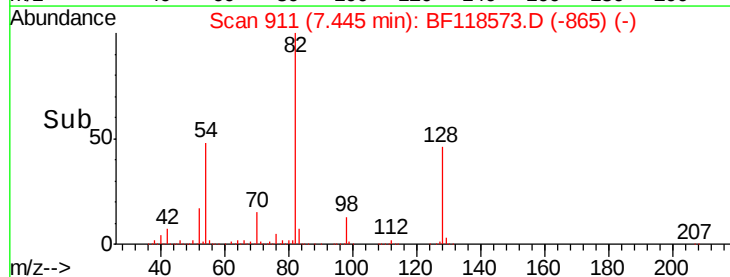
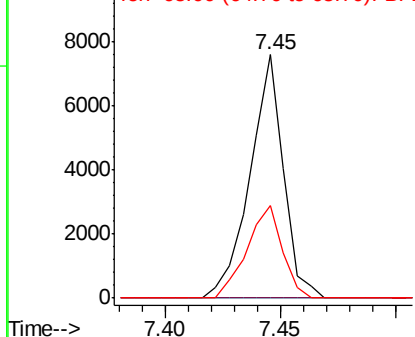


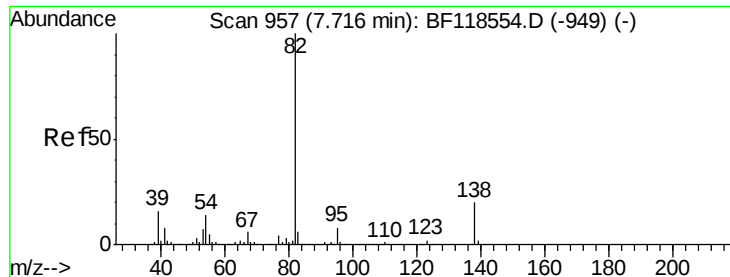
#24
 Nitrobenzene
 Concen: 0.357 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.03 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Tgt Ion: 77 Resp: 7706
 Ion Ratio Lower Upper
 77 100
 123 0.0 38.2 57.2#
 65 38.0 11.1 16.7#



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: 46.508 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

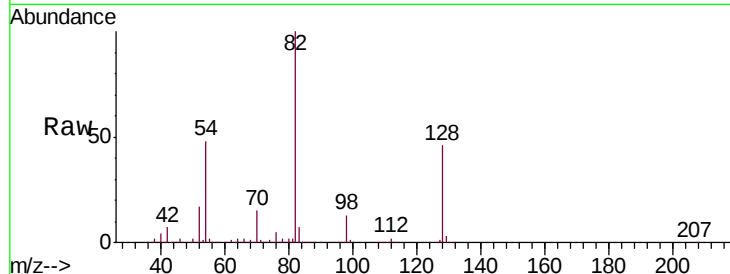
Tgt Ion: 82 Resp: 2049414

Ion Ratio Lower Upper

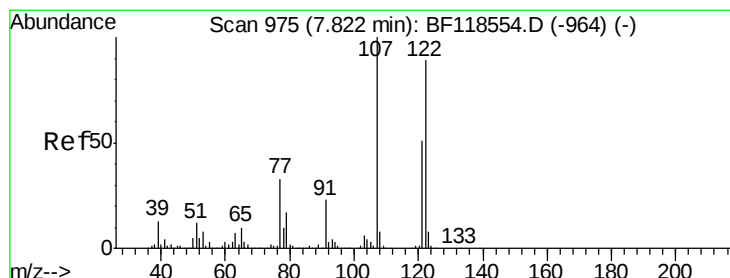
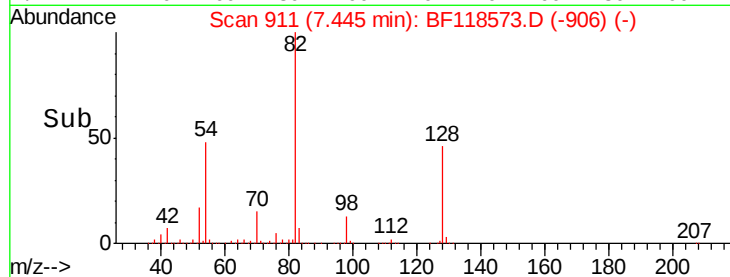
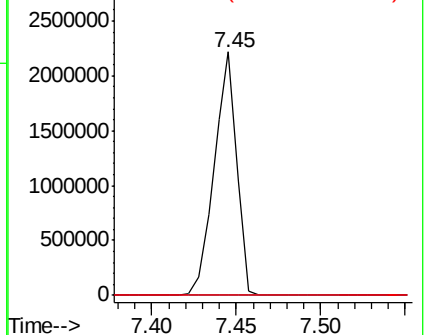
82 100

95 0.0 6.0 9.0#

138 0.0 15.8 23.8#



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



#27

2,4-Dimethylphenol

Concen: 0.084 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

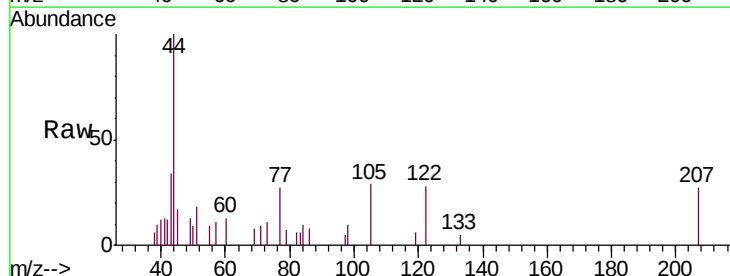
Tgt Ion: 122 Resp: 1465

Ion Ratio Lower Upper

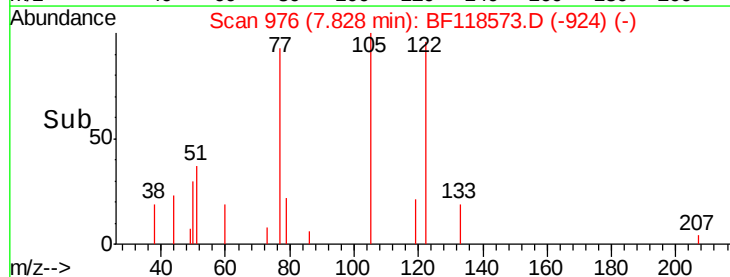
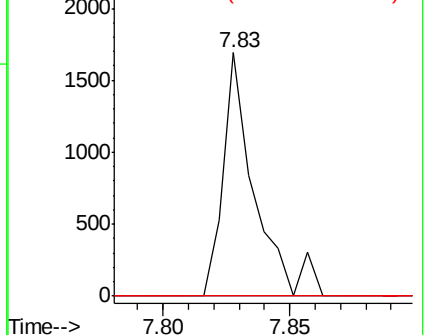
122 100

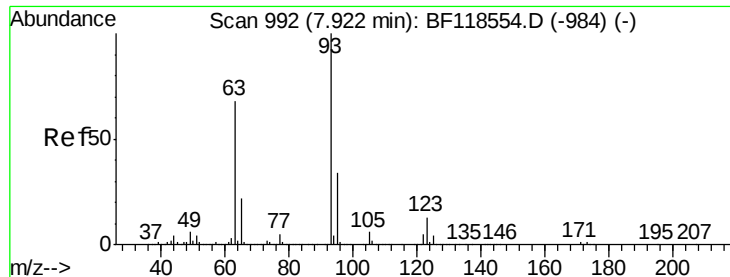
107 0.0 89.6 134.4#

121 0.0 45.9 68.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.004 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.09 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

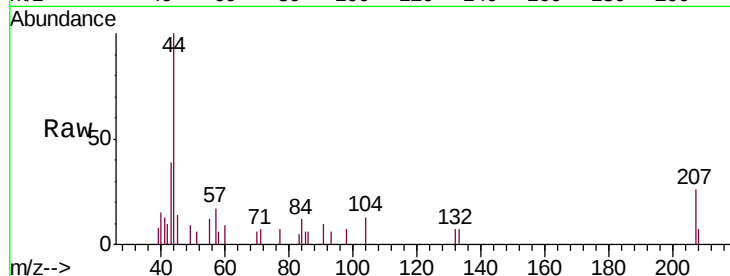
Tgt Ion: 93 Resp: 122

Ion Ratio Lower Upper

93 100

95 0.0 27.3 40.9#

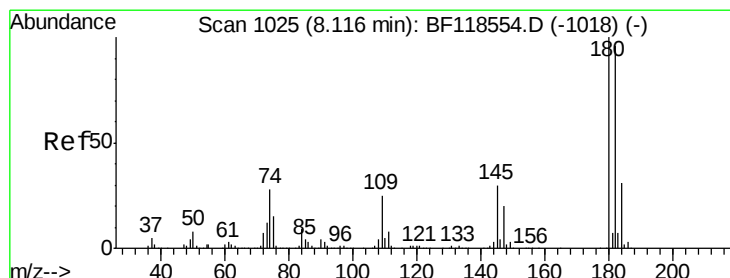
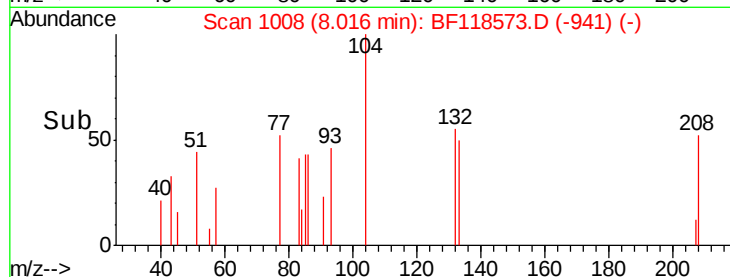
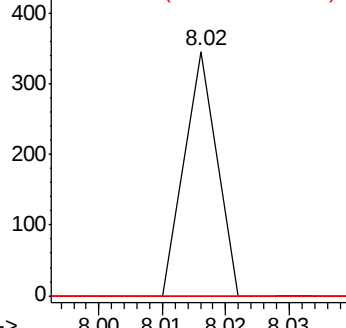
123 0.0 10.2 15.4#



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



#30

1,2,4-Trichlorobenzene

Concen: 0.007 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

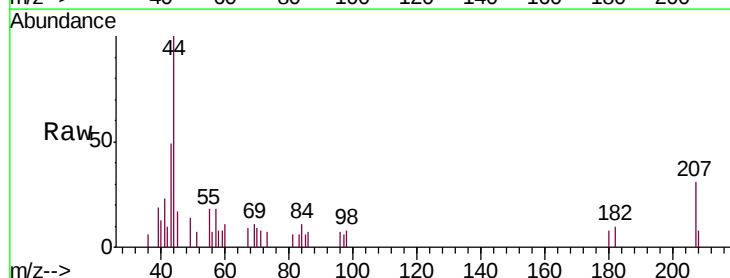
Tgt Ion: 180 Resp: 159

Ion Ratio Lower Upper

180 100

182 122.0 76.8 115.2#

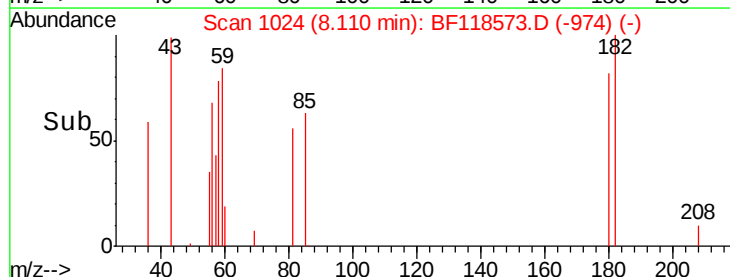
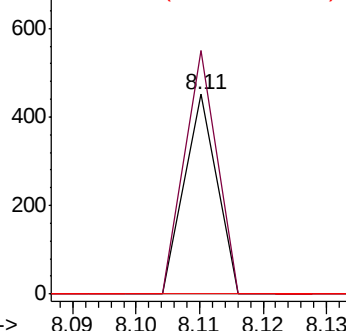
145 0.0 24.2 36.2#

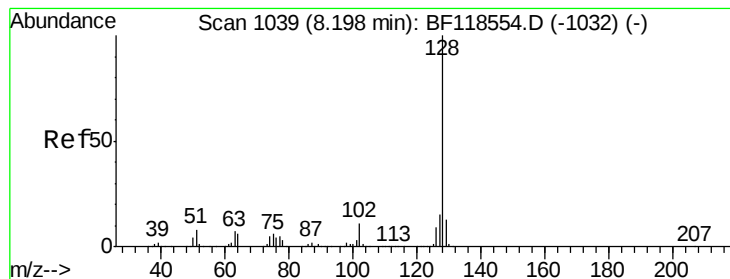


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 1.252 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

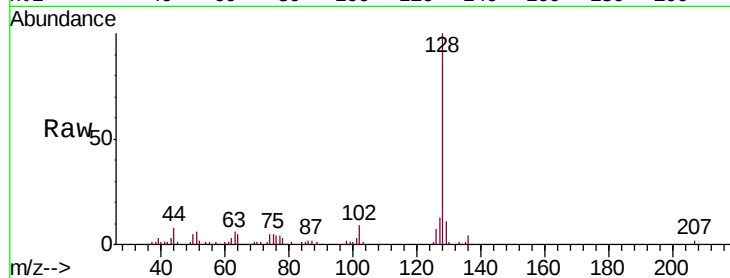
Tgt Ion:128 Resp: 74032

Ion Ratio Lower Upper

128 100

129 11.2 10.3 15.5

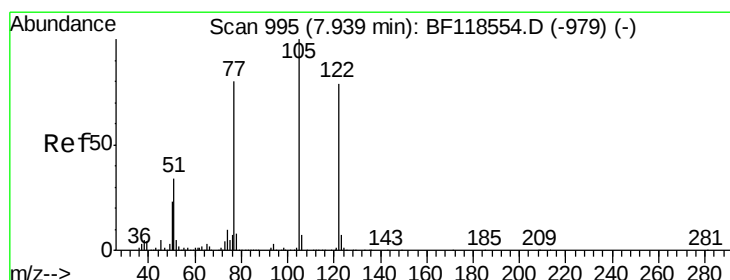
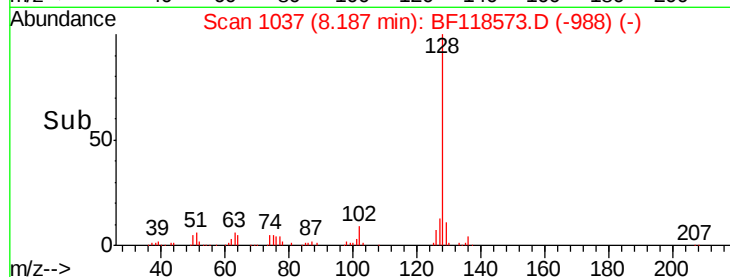
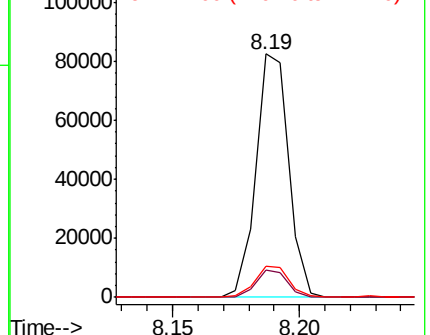
127 13.0 12.1 18.1



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



#32

Benzoic acid

Concen: 7.956 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.11 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

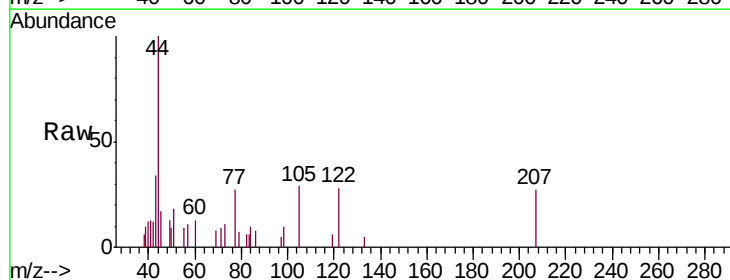
Tgt Ion:122 Resp: 1465

Ion Ratio Lower Upper

122 100

105 104.5 105.0 145.0#

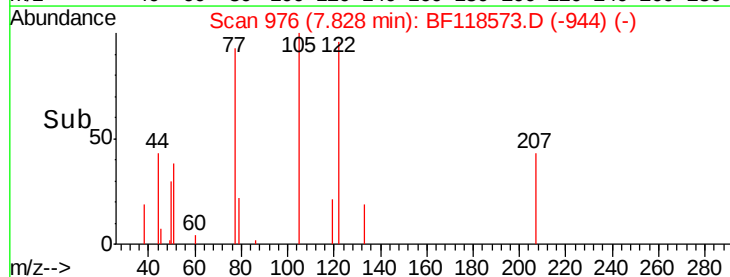
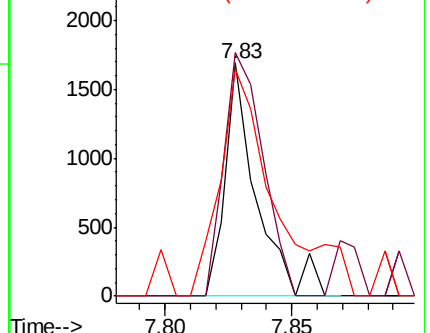
77 97.3 80.7 120.7

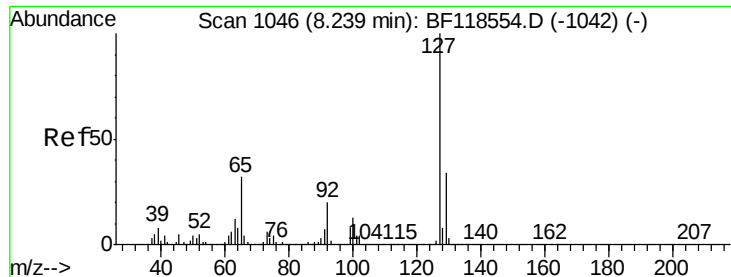


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

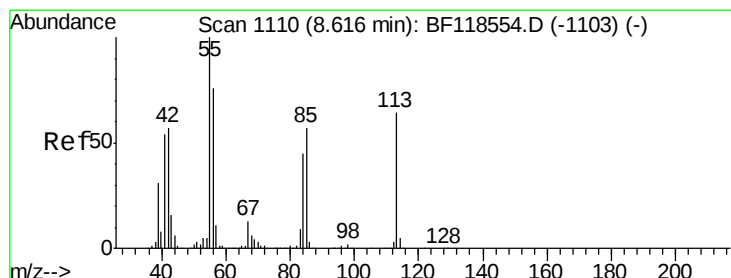
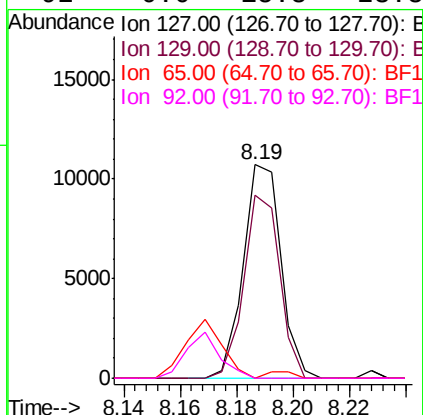
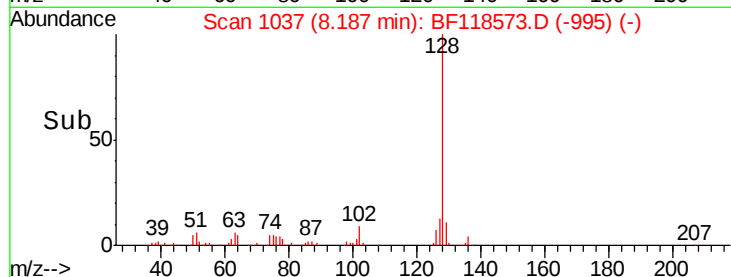
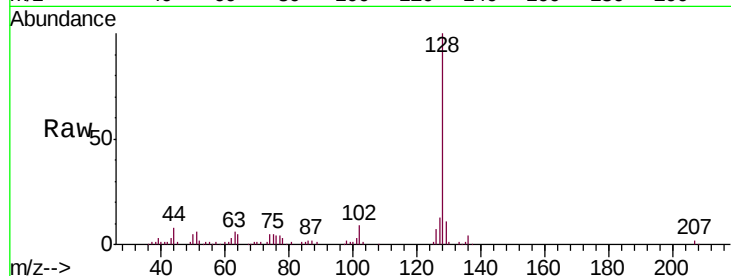




#33
4-Chloroaniline
Concen: 0.361 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

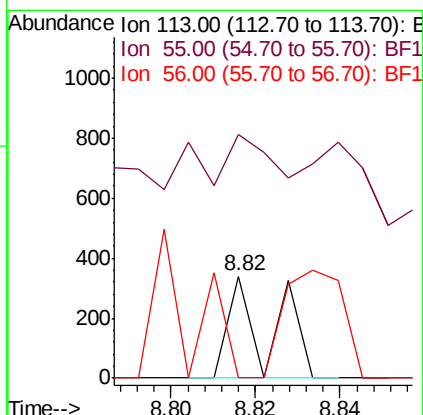
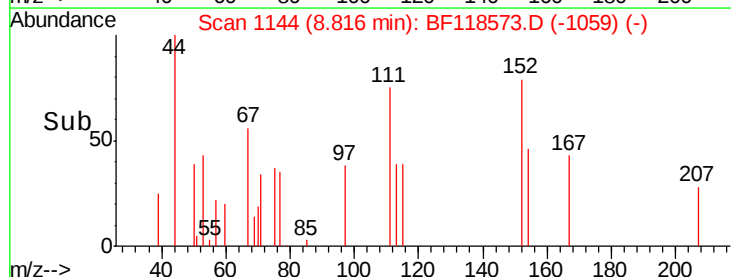
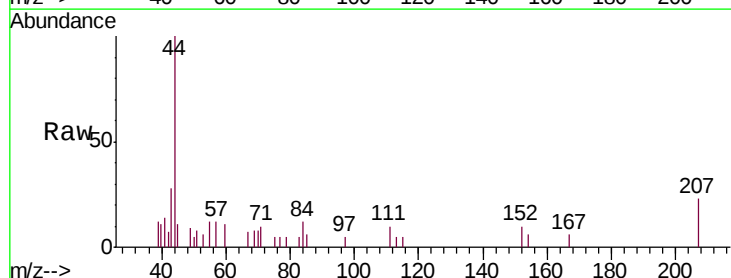
Instrument :
BNA_F
ClientSampleId :
TR-05-011520

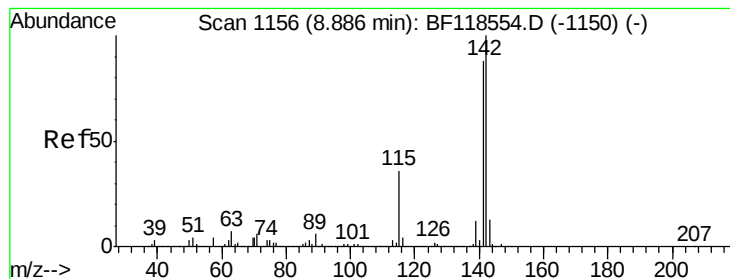
Tgt Ion:	127	Resp:	9925
Ion	Ratio	Lower	Upper
127	100		
129	86.0	27.0	40.4#
65	0.0	25.8	38.8#
92	0.0	15.8	23.8#



#35
Caprolactam
Concen: 0.039 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.20 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:	113	Resp:	234
Ion	Ratio	Lower	Upper
113	100		
55	239.5	137.3	177.3#
56	0.0	99.7	139.7#





#37

2-Methylnaphthalene

Concen: 0.304 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

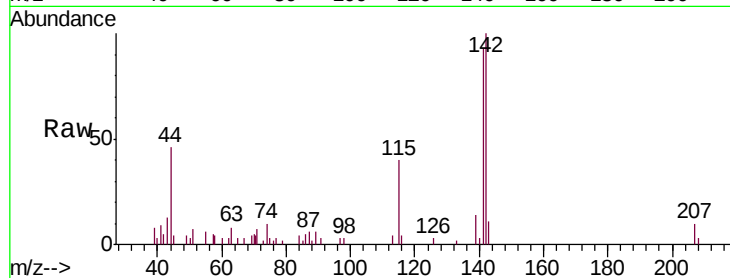
Tgt Ion:142 Resp: 12717

Ion Ratio Lower Upper

142 100

141 93.0 70.6 106.0

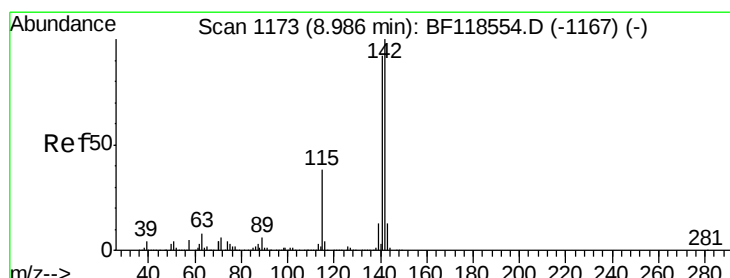
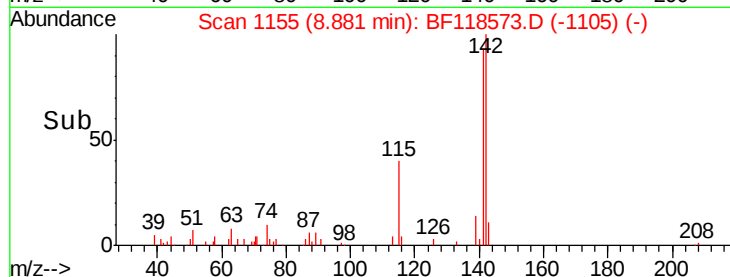
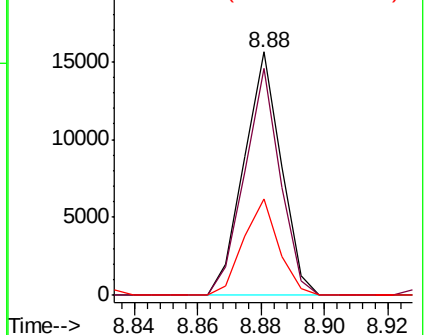
115 39.5 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 0.321 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.11 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

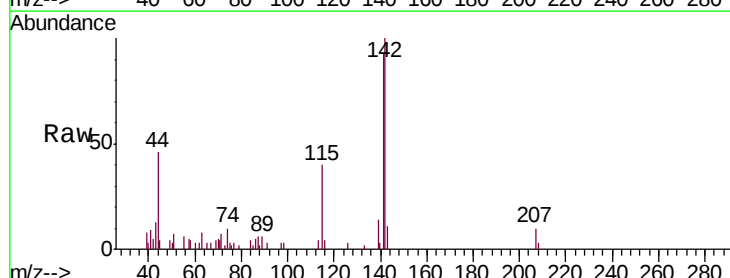
Tgt Ion:142 Resp: 12717

Ion Ratio Lower Upper

142 100

141 93.0 73.8 110.6

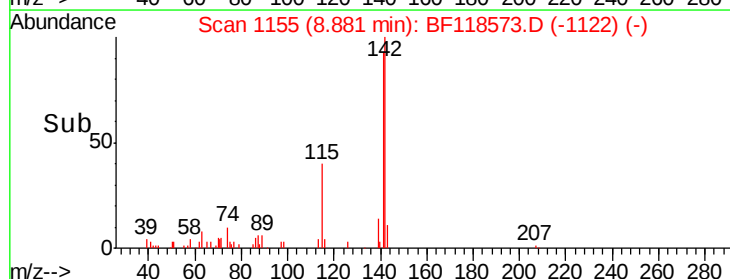
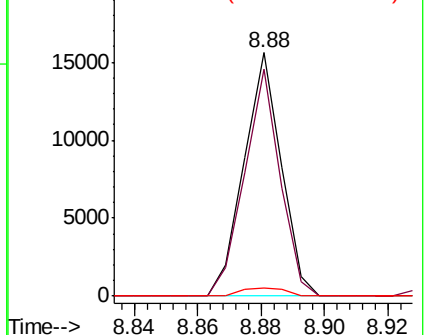
116 3.5 3.3 4.9

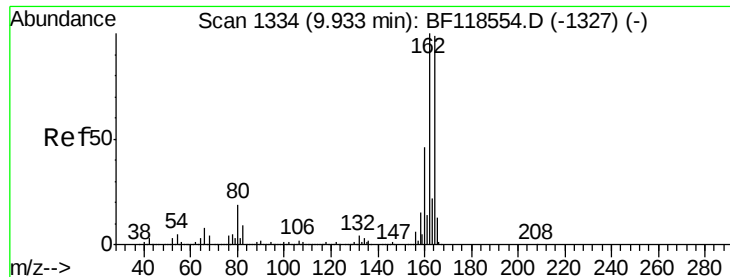


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

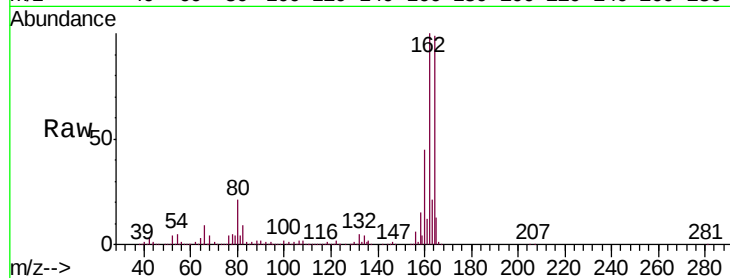
Tgt Ion:164 Resp: 689190

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

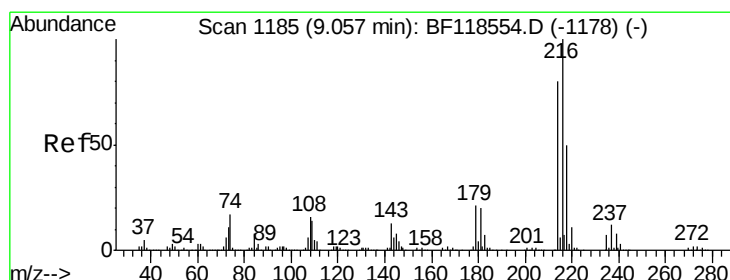
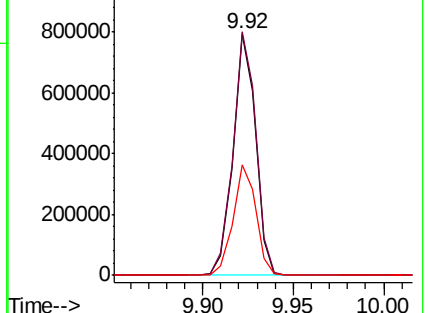
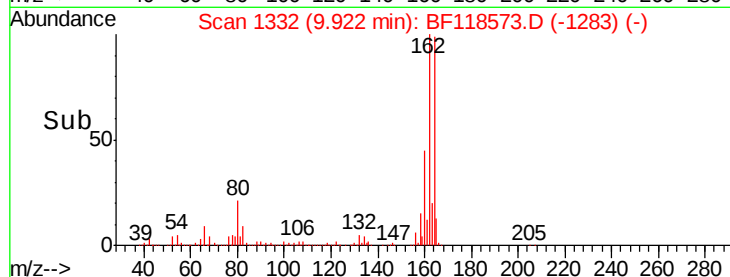
160 45.6 36.7 55.1



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.012 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Tgt Ion:216 Resp: 260

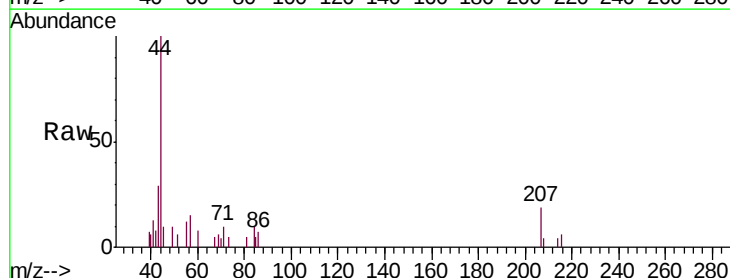
Ion Ratio Lower Upper

216 100

214 45.8 63.6 95.4#

179 0.0 16.5 24.7#

108 0.0 14.6 21.8#

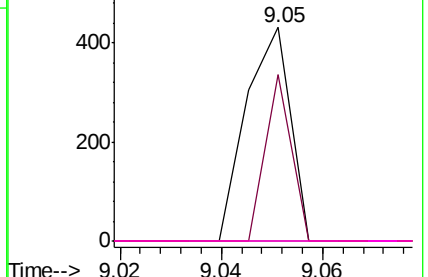
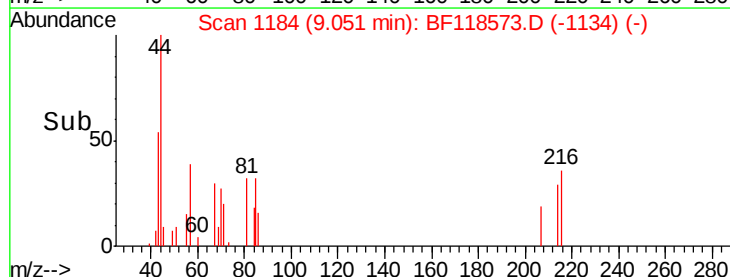


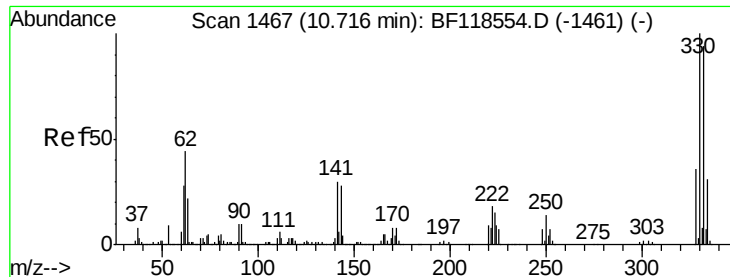
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

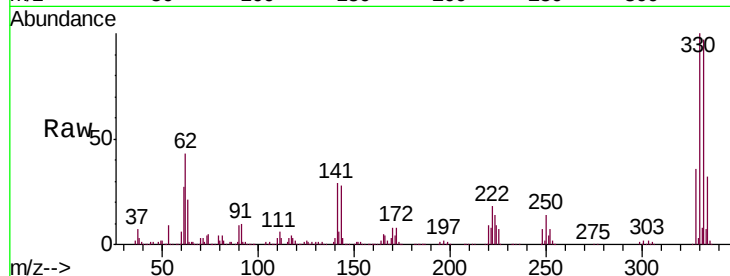




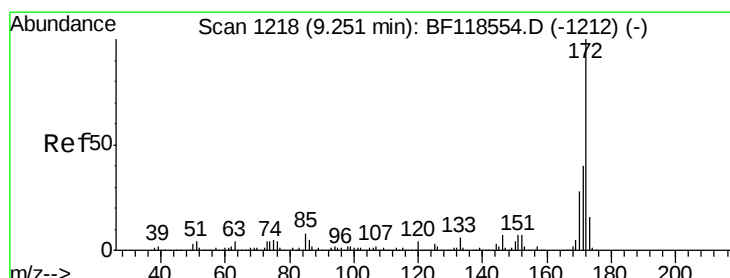
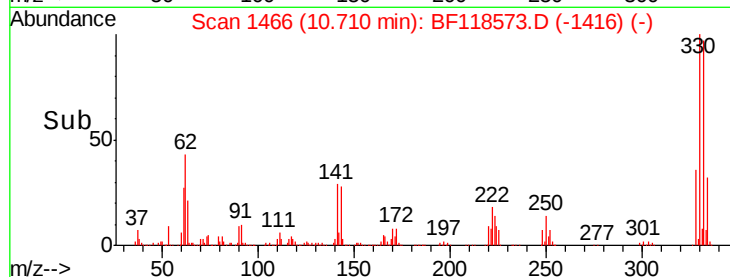
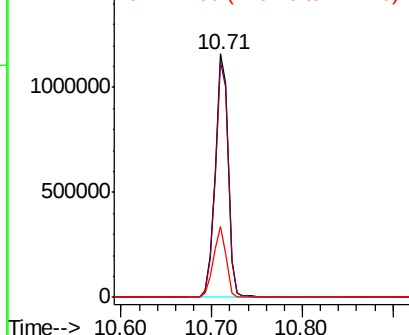
#42
 2,4,6-Tribromophenol
 Concen: 150.746 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-011520

Tgt Ion:330 Resp: 1148509
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.4 114.6
 141 29.0 23.4 35.2

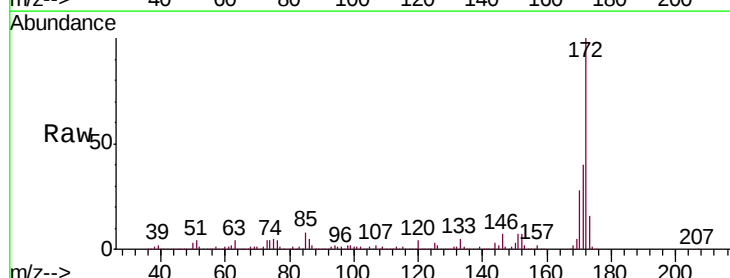


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

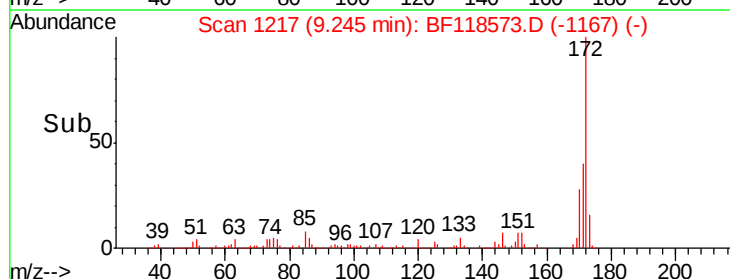
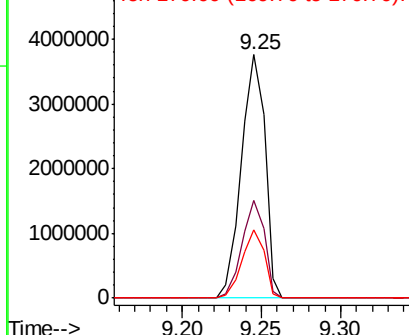


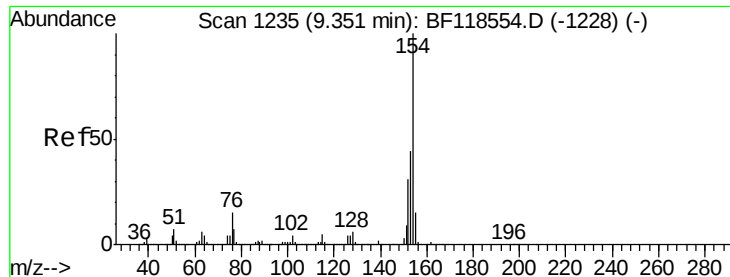
#45
 2-Fluorobiphenyl
 Concen: 101.661 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Tgt Ion:172 Resp: 3881020
 Ion Ratio Lower Upper
 172 100
 171 40.2 32.4 48.6
 170 28.0 22.5 33.7



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

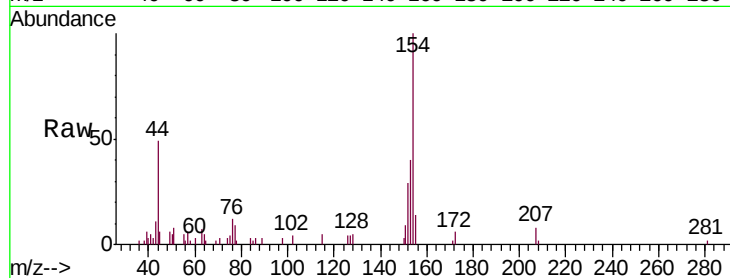




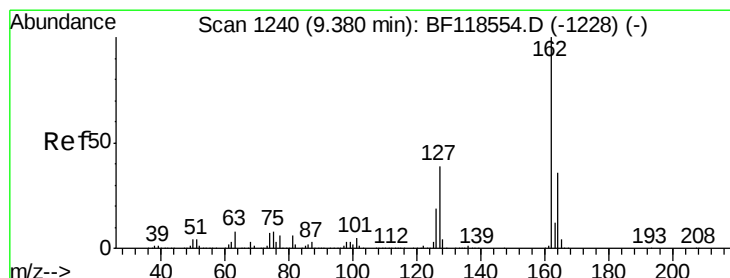
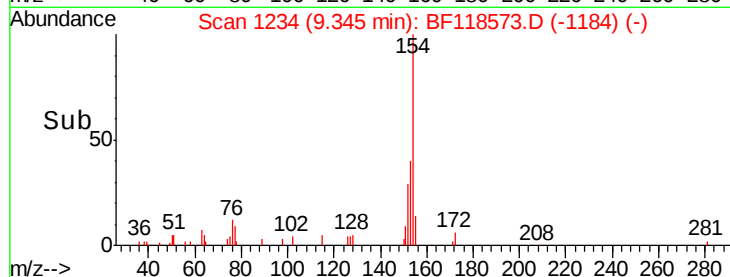
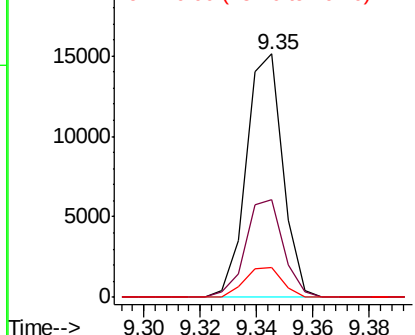
#46
 1,1'-Biphenyl
 Concen: 0.274 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-011520

Tgt Ion:	154	Resp:	13505
Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	12.3	0.0	35.2

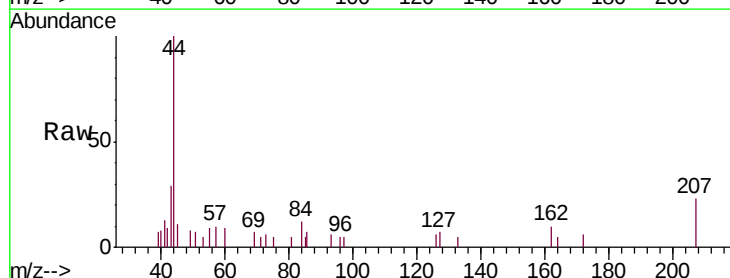


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

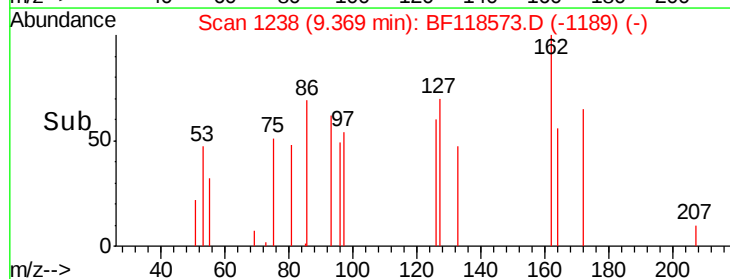
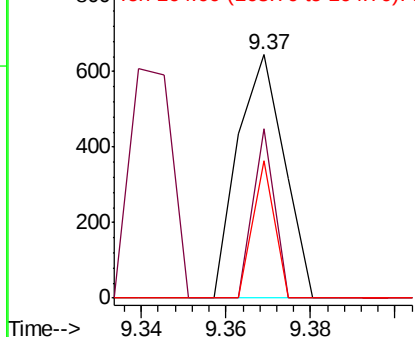


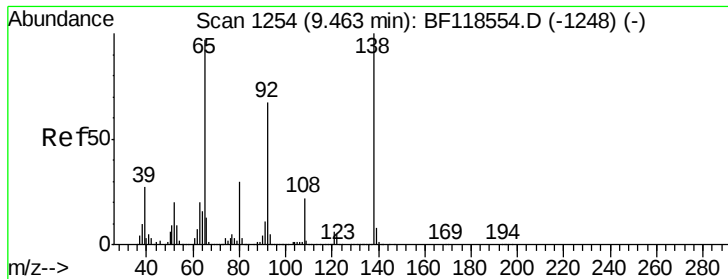
#47
 2-Chloronaphthalene
 Concen: 0.012 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Tgt Ion:	162	Resp:	493
Ion	Ratio	Lower	Upper
162	100		
127	69.8	31.0	46.4#
164	56.3	28.6	42.8#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 0.023 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.12 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

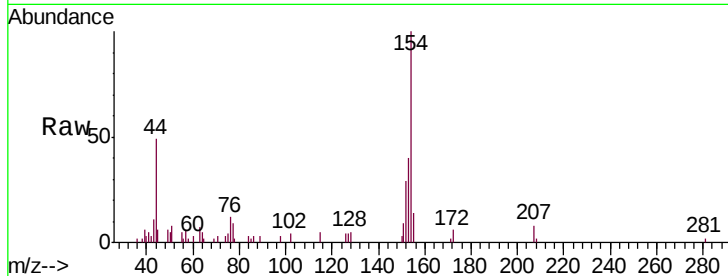
Tgt Ion: 65 Resp: 247

Ion Ratio Lower Upper

65 100

92 0.0 55.3 82.9#

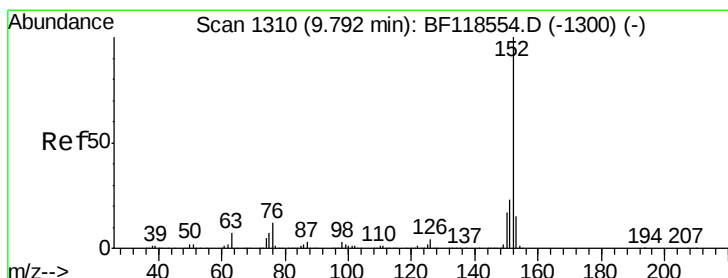
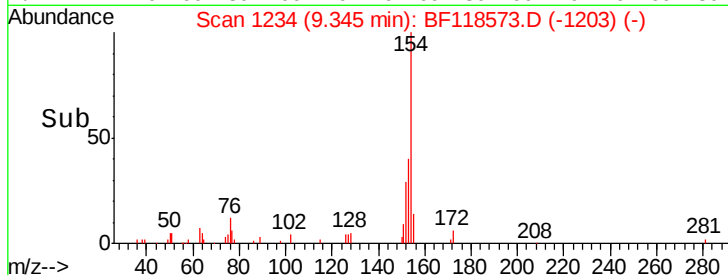
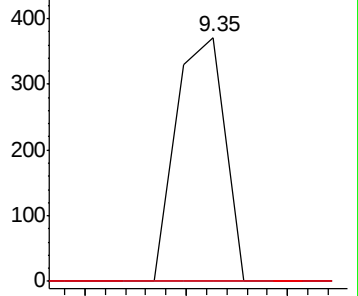
138 0.0 82.9 124.3#



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): BF1



#49

Acenaphthylene

Concen: 0.031 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

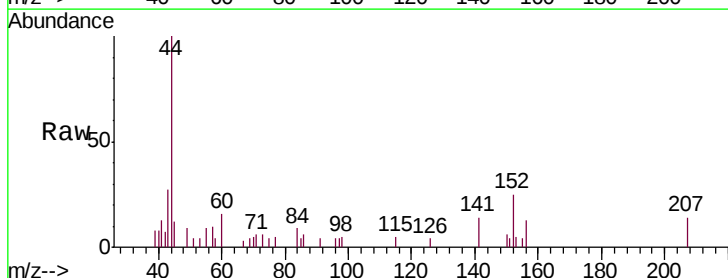
Tgt Ion: 152 Resp: 1811

Ion Ratio Lower Upper

152 100

151 17.5 18.6 27.8#

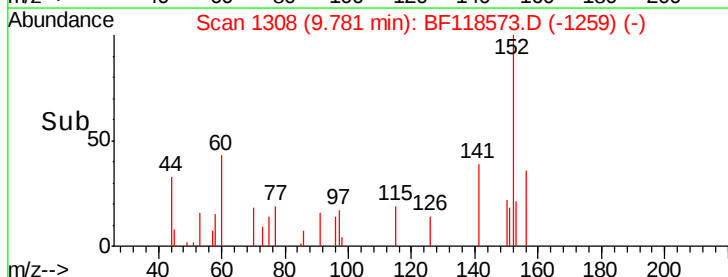
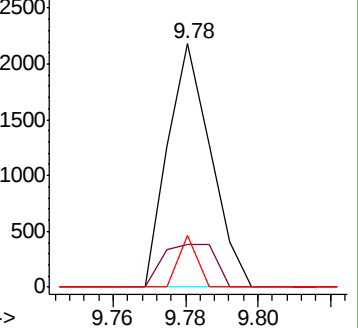
153 21.3 12.3 18.5#

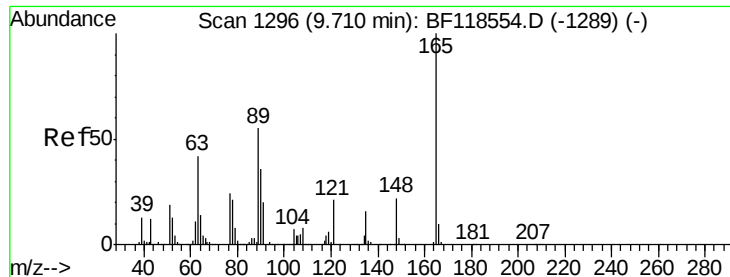


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

2,6-Dinitrotoluene

Concen: 9.906 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

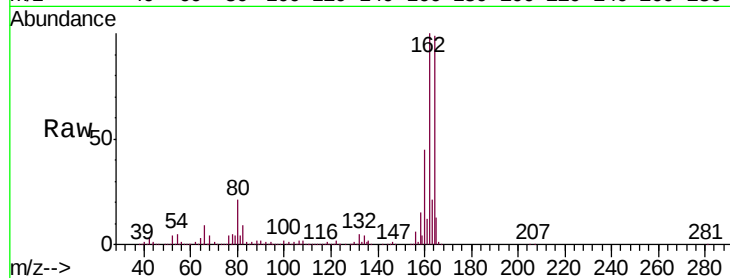
Tgt Ion:165 Resp: 89440

Ion Ratio Lower Upper

165 100

63 1.0 41.9 62.9#

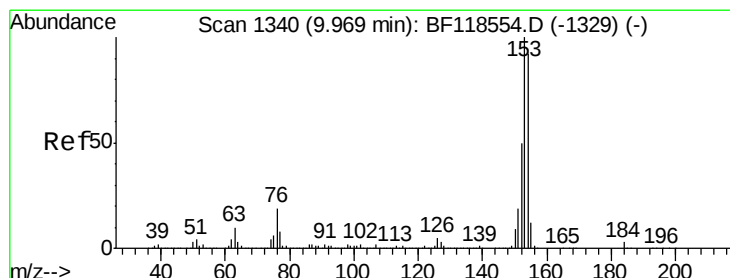
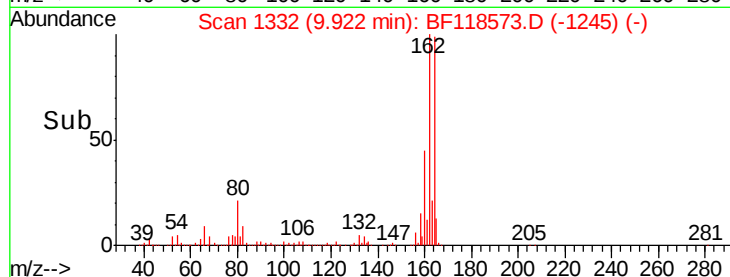
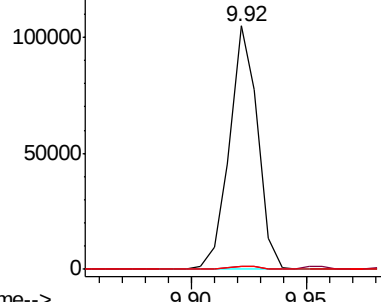
89 1.2 44.0 66.0#



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: 0.289 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

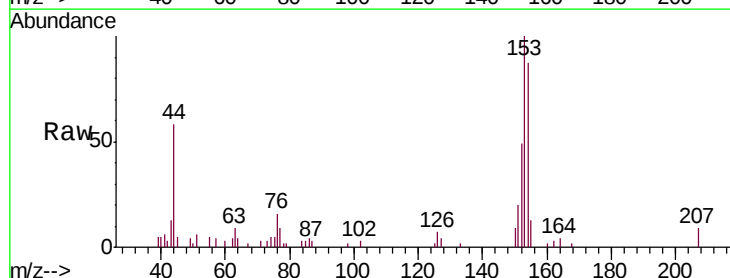
Tgt Ion:154 Resp: 11108

Ion Ratio Lower Upper

154 100

153 115.1 87.0 130.4

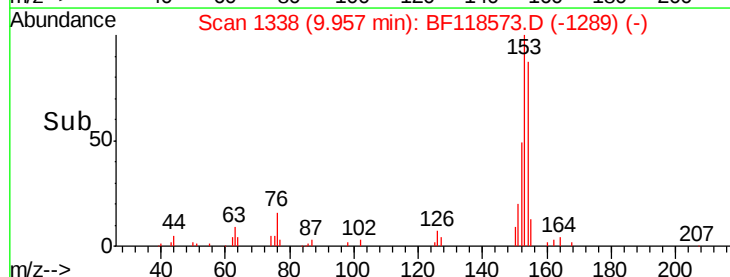
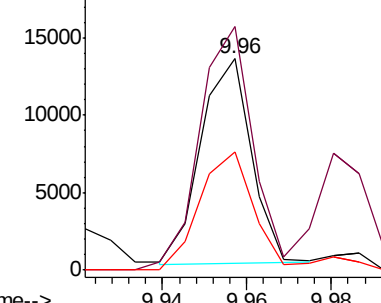
152 55.9 43.8 65.8

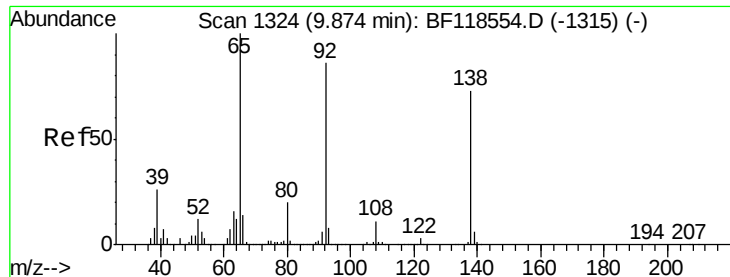


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 0.013 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.25 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

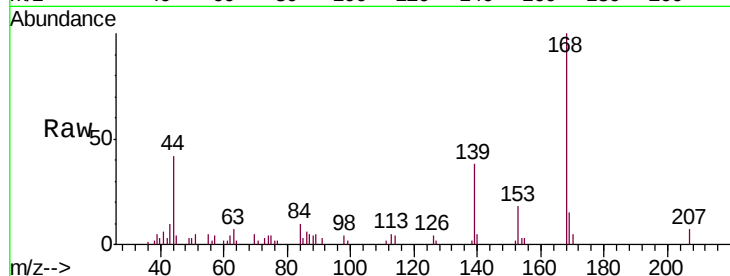
Tgt Ion:138 Resp: 135

Ion Ratio Lower Upper

138 100

108 0.0 12.2 18.4#

92 0.0 94.2 141.2#

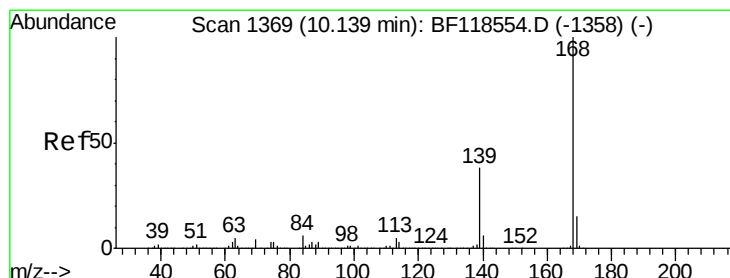
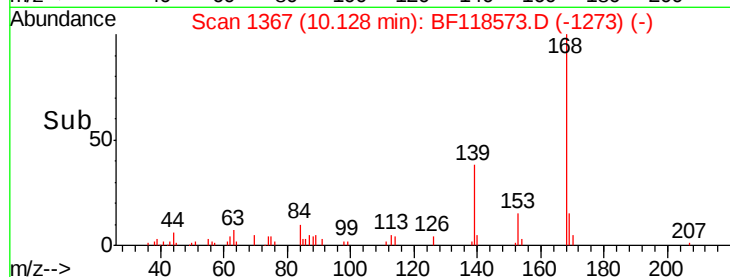
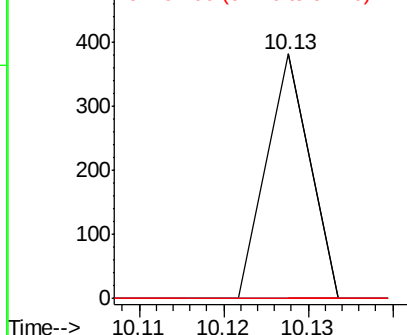


Abundance

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: 0.342 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

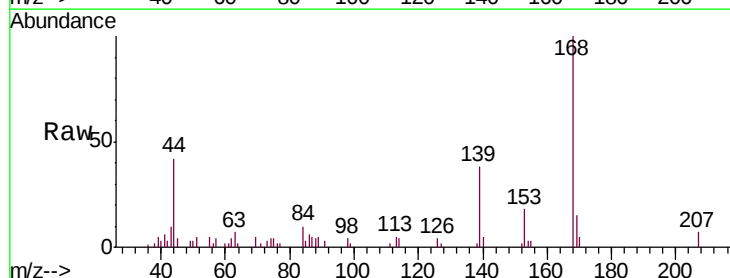
Tgt Ion:168 Resp: 18597

Ion Ratio Lower Upper

168 100

139 37.8 30.6 46.0

169 14.8 11.9 17.9

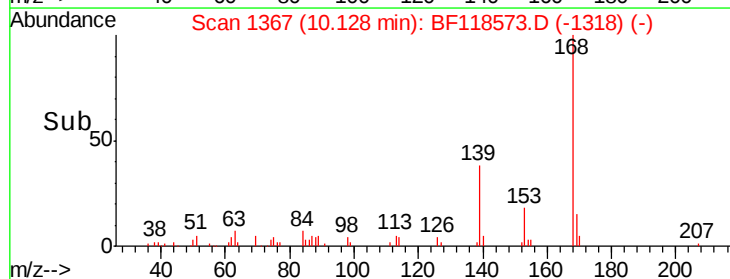
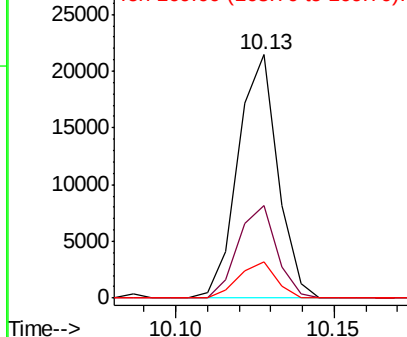


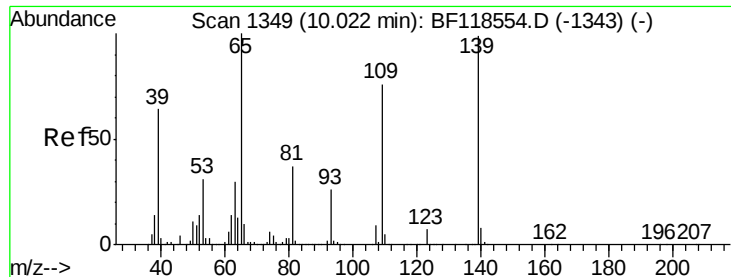
Abundance

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

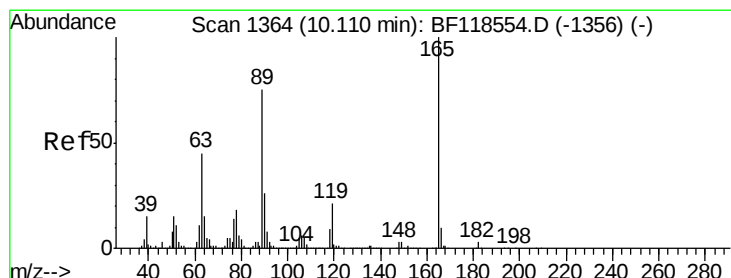
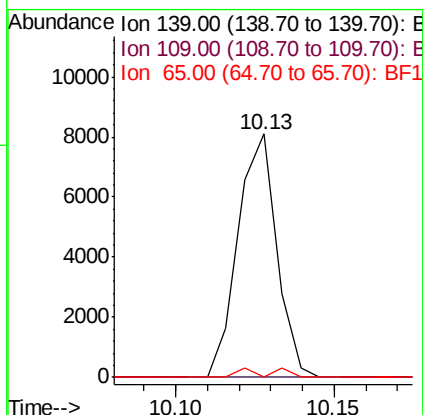
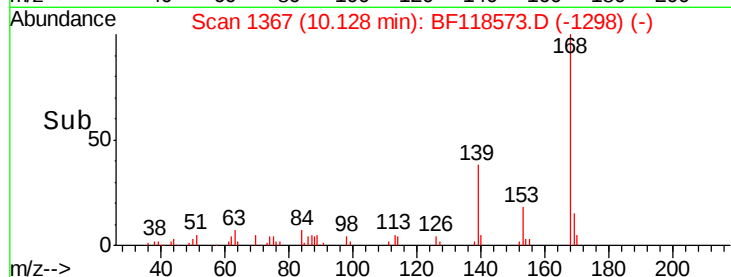
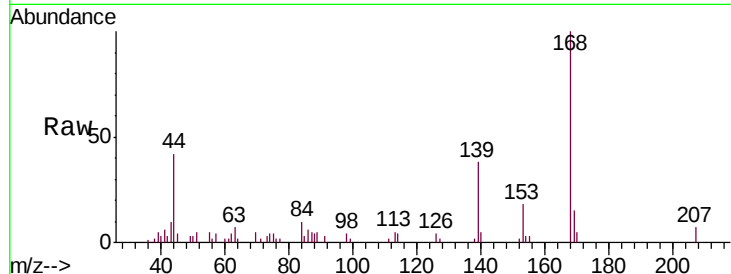




#56
4-Nitrophenol
Concen: 0.907 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

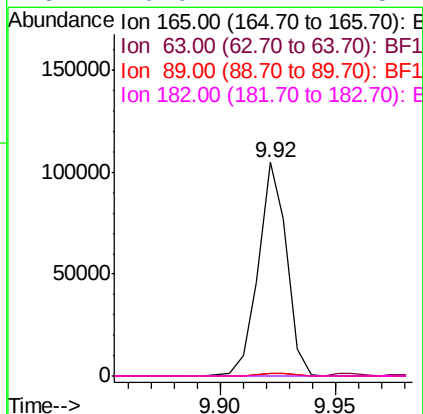
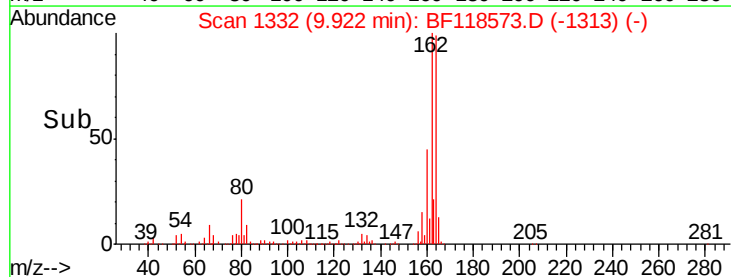
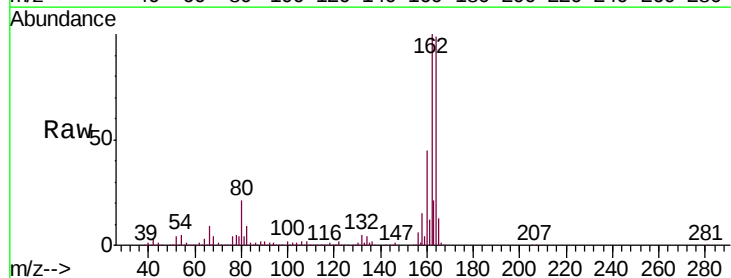
Instrument :
BNA_F
ClientSampleId :
TR-05-011520

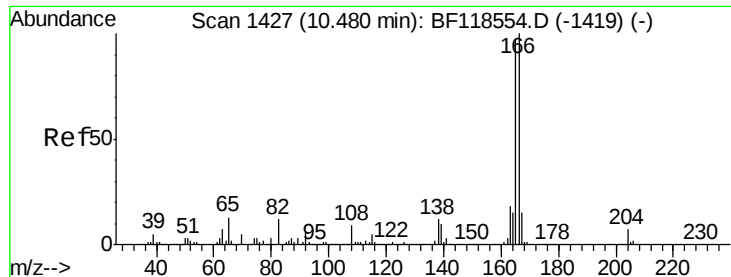
Tgt Ion:139 Resp: 6855
Ion Ratio Lower Upper
139 100
109 0.0 56.9 96.9#
65 0.0 81.7 121.7#



#57
2,4-Dinitrotoluene
Concen: 11.766 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:165 Resp: 89440
Ion Ratio Lower Upper
165 100
63 1.0 35.8 53.6#
89 1.2 59.9 89.9#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: 0.476 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

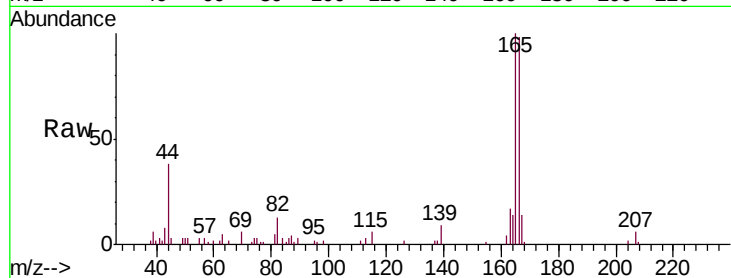
Tgt Ion:166 Resp: 20027

Ion Ratio Lower Upper

166 100

165 101.8 77.8 116.8

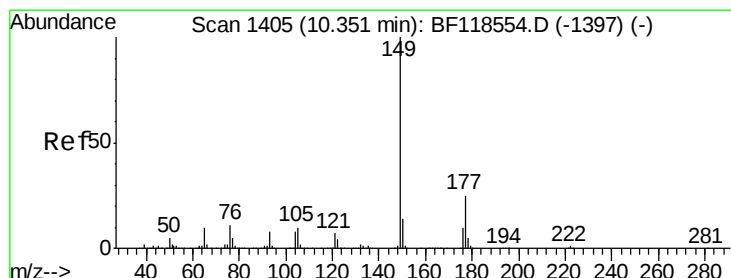
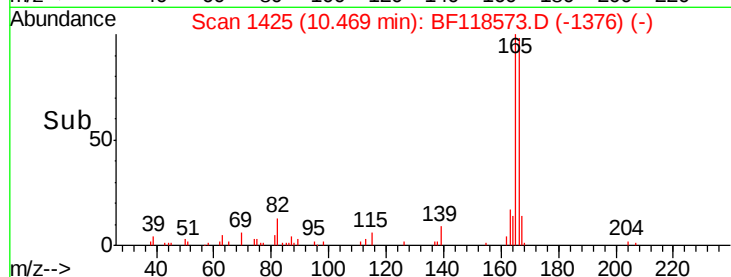
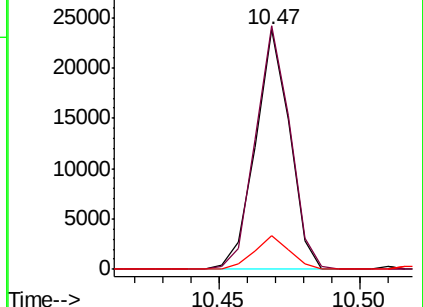
167 14.0 11.7 17.5



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: 0.053 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

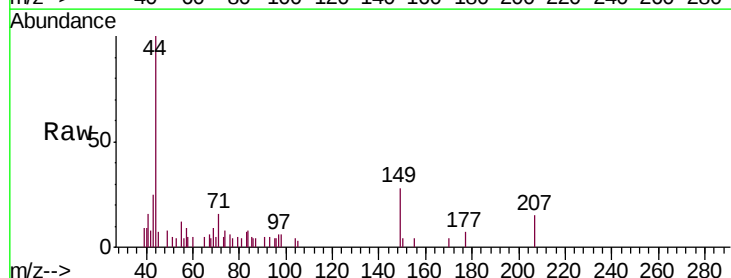
Tgt Ion:149 Resp: 2451

Ion Ratio Lower Upper

149 100

177 27.0 20.2 30.4

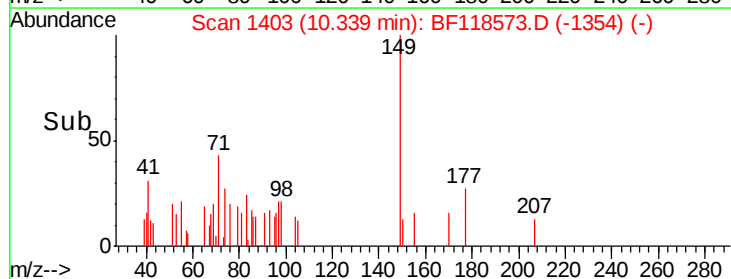
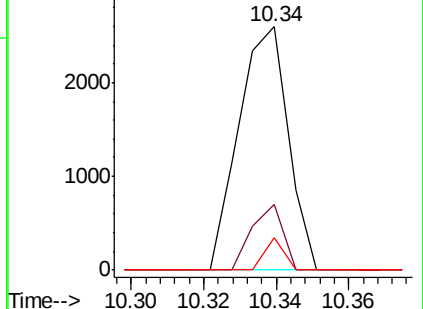
150 13.4 11.0 16.4

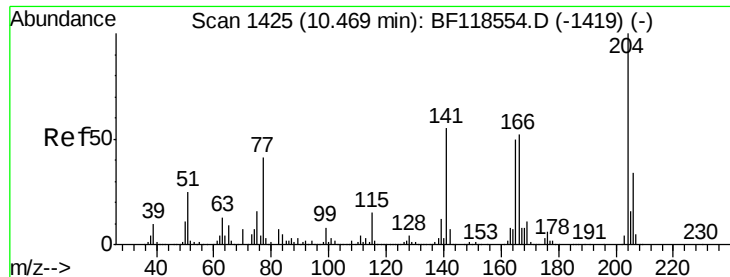


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

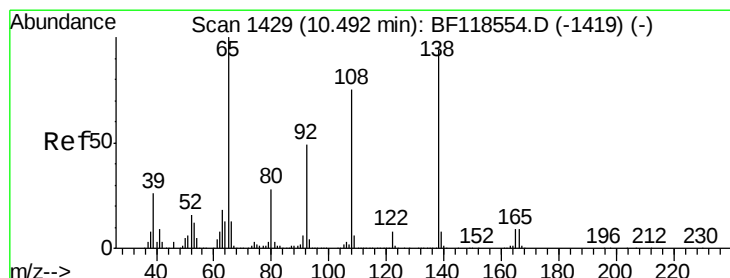
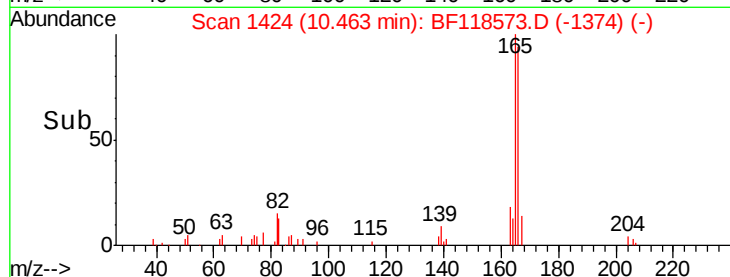
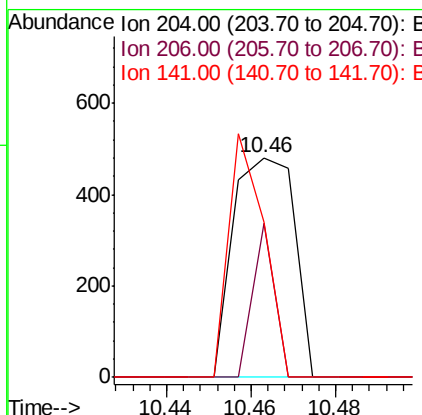
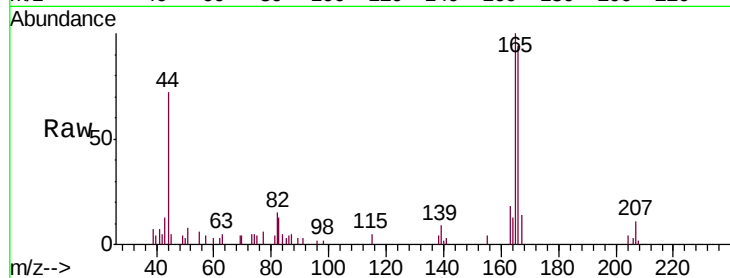




#61
4-Chlorophenyl-phenylether
Concen: 0.021 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

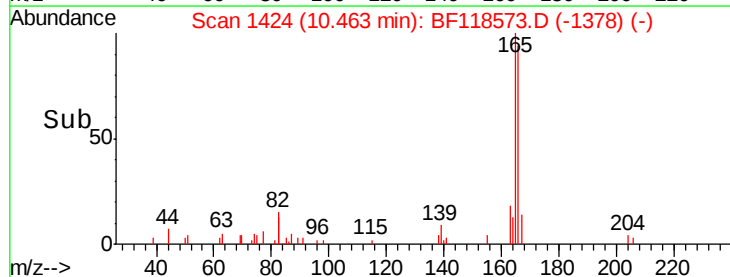
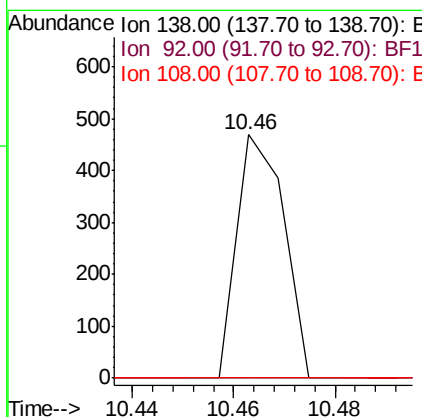
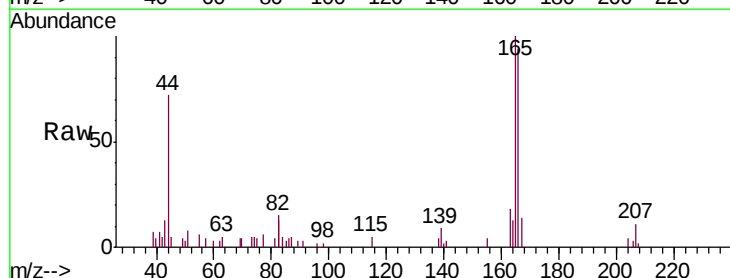
Instrument :
BNA_F
ClientSampleId :
TR-05-011520

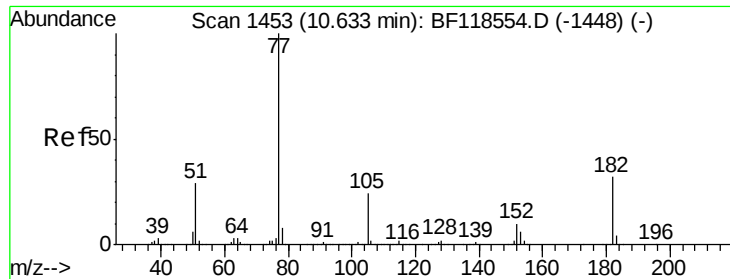
Tgt Ion:204 Resp: 483
Ion Ratio Lower Upper
204 100
206 70.2 27.1 40.7#
141 70.8 44.4 66.6#



#62
4-Nitroaniline
Concen: 0.030 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:138 Resp: 302
Ion Ratio Lower Upper
138 100
92 0.0 31.7 71.7#
108 0.0 59.6 99.6#





#63

Azobenzene

Concen: 0.037 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

Tgt Ion: 77 Resp: 1663

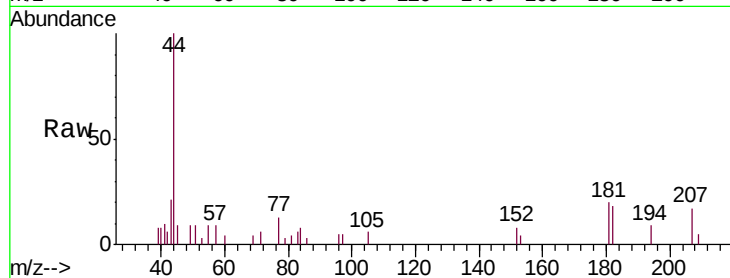
Ion Ratio Lower Upper

77 100

182 136.0 11.7 51.7#

105 45.4 3.6 43.6#

51 66.9 9.0 49.0#



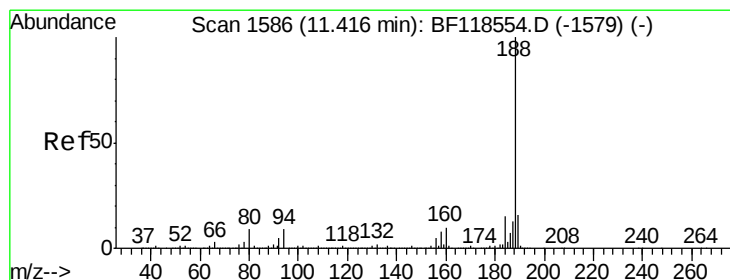
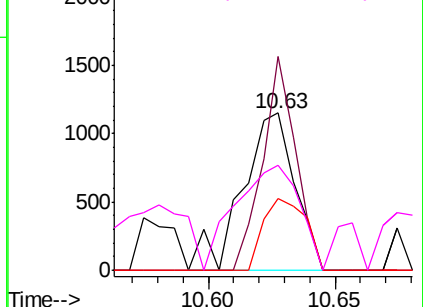
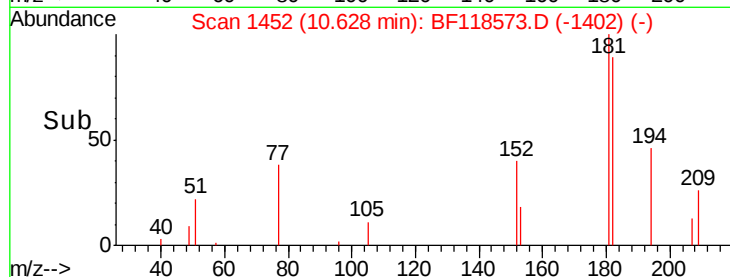
Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

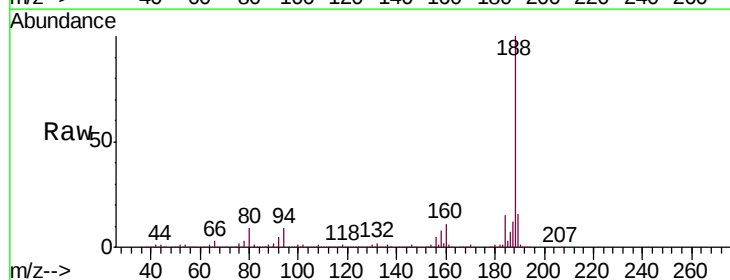
Tgt Ion: 188 Resp: 1306854

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.3 7.4 11.2

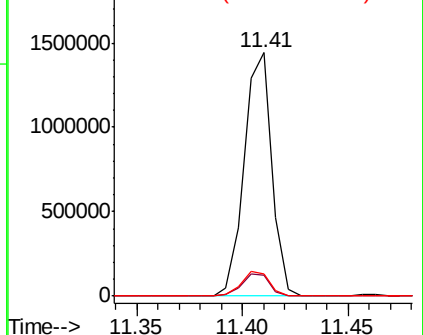
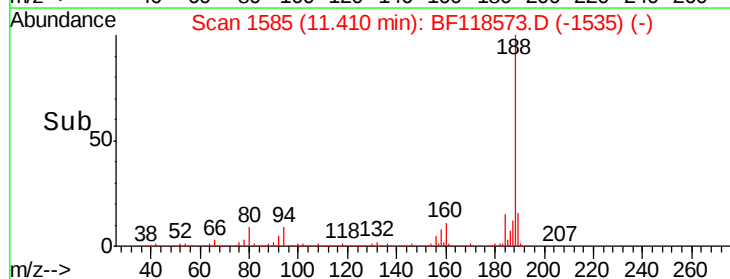


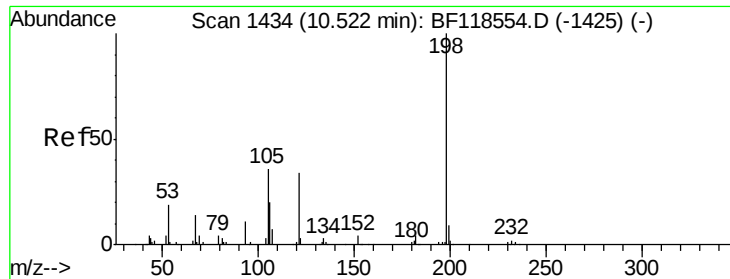
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

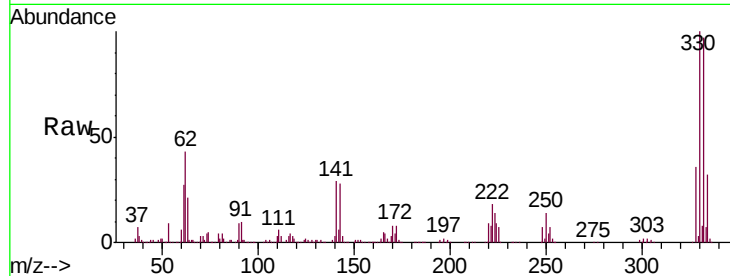




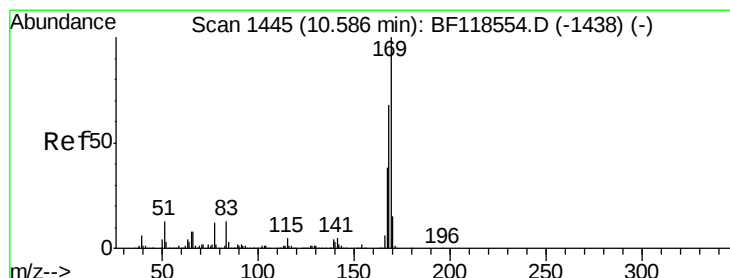
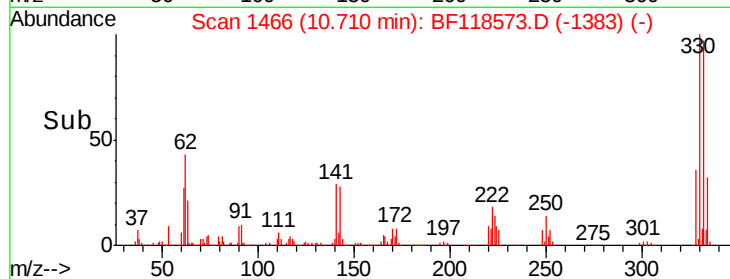
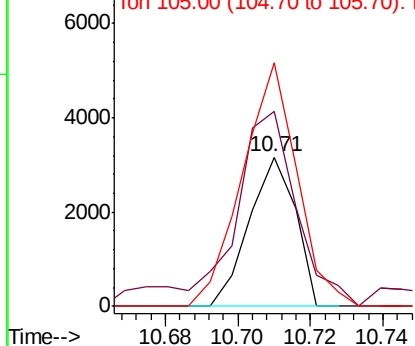
#65
4,6-Dinitro-2-methylphenol
Concen: 10.145 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:198 Resp: 2802
Ion Ratio Lower Upper
198 100
51 131.1 13.2 53.2#
105 163.4 17.2 57.2#

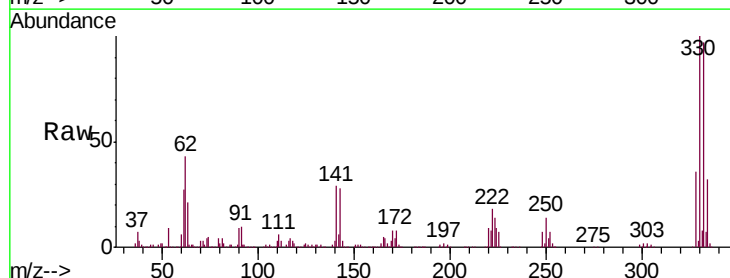


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

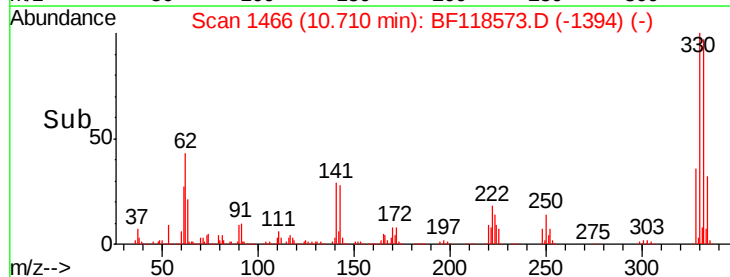
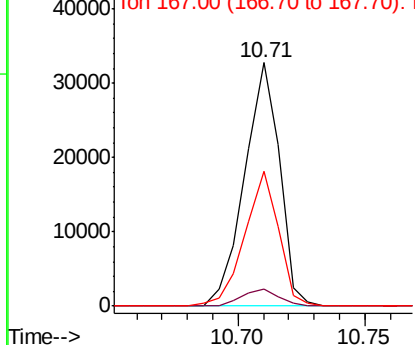


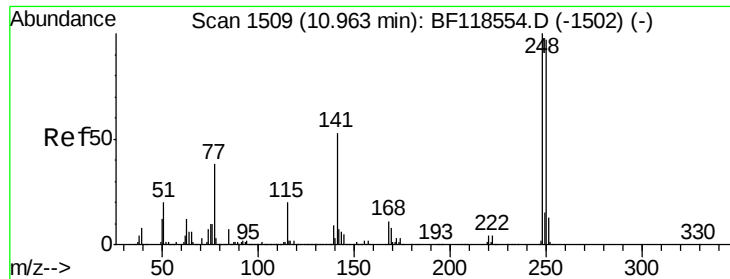
#66
n-Nitrosodiphenylamine
Concen: 0.750 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:169 Resp: 31480
Ion Ratio Lower Upper
169 100
168 7.2 54.2 81.4#
167 55.5 30.5 45.7#



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

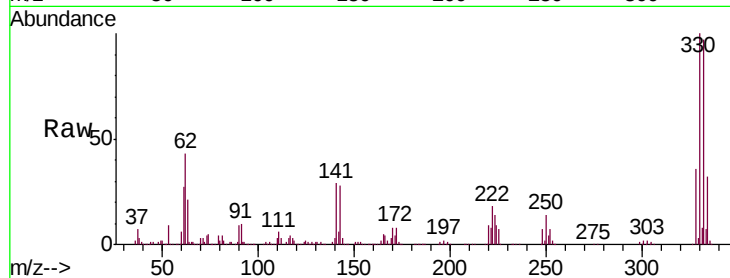




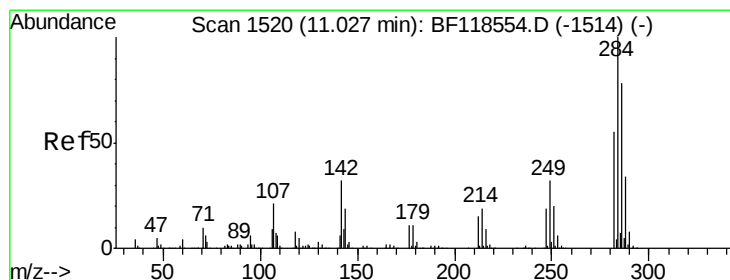
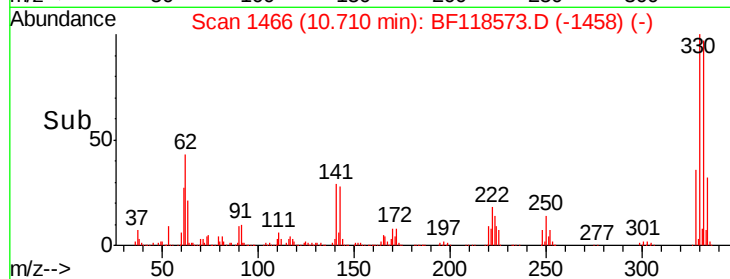
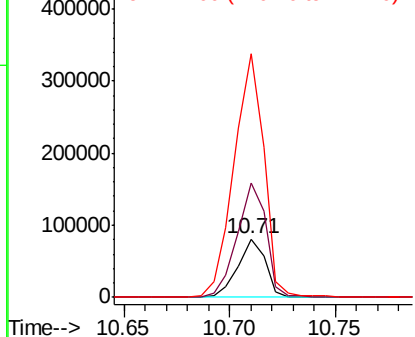
#67
4-Bromophenyl-phenylether
Concen: 4.235 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:248 Resp: 74086
Ion Ratio Lower Upper
248 100
250 197.3 77.8 116.8#
141 419.0 42.7 64.1#

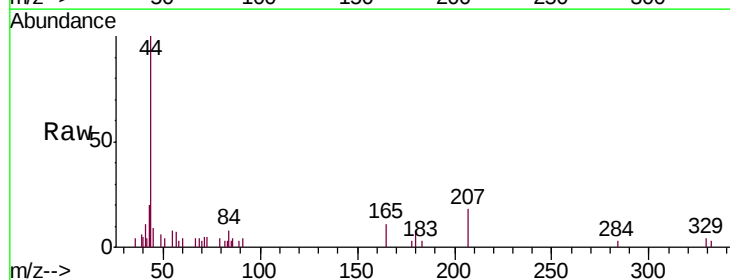


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

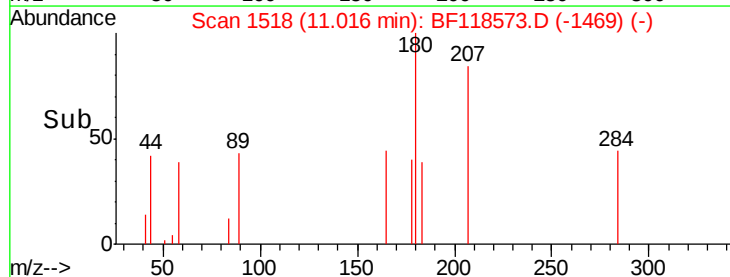
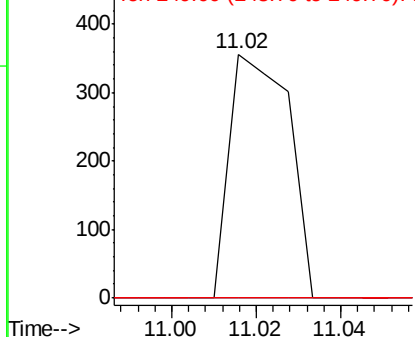


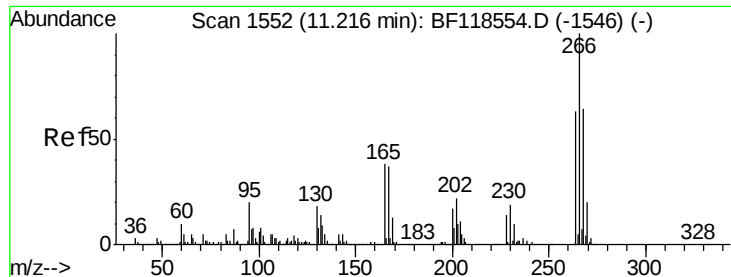
#68
Hexachlorobenzene
Concen: 0.018 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:284 Resp: 348
Ion Ratio Lower Upper
284 100
142 0.0 25.6 38.4#
249 0.0 25.6 38.4#



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#70

Pentachlorophenol

Concen: 0.014 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

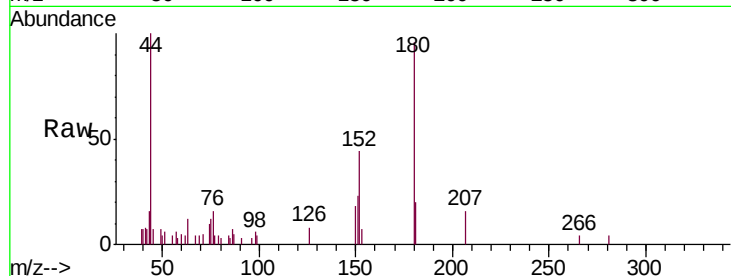
Tgt Ion:266 Resp: 134

Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.4#

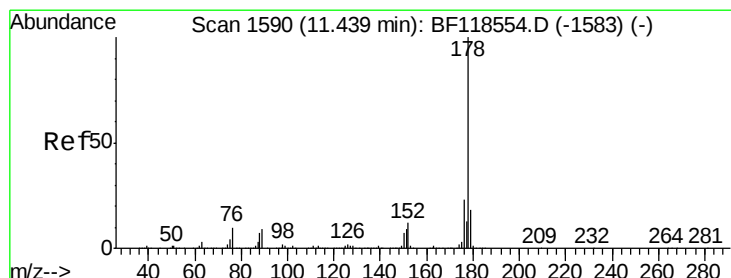
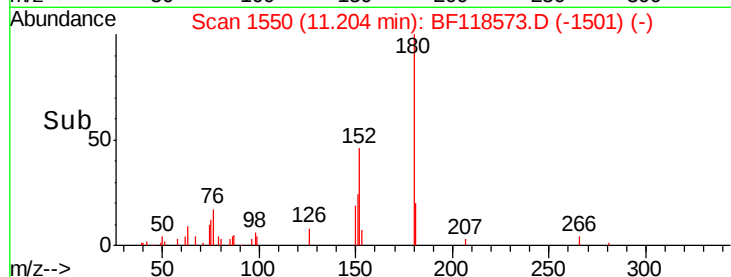
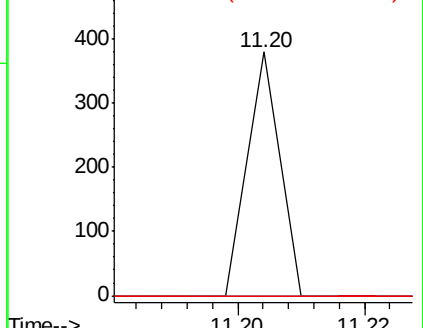
264 0.0 50.5 75.7#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 0.839 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

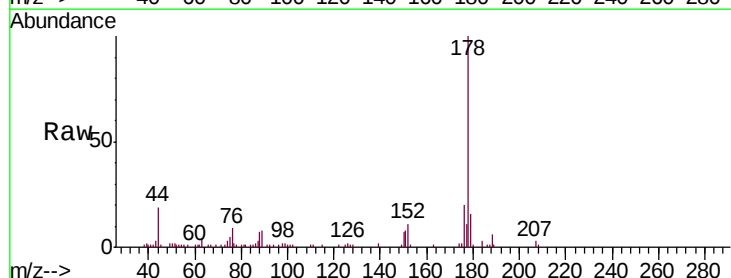
Tgt Ion:178 Resp: 55089

Ion Ratio Lower Upper

178 100

176 20.0 18.6 28.0

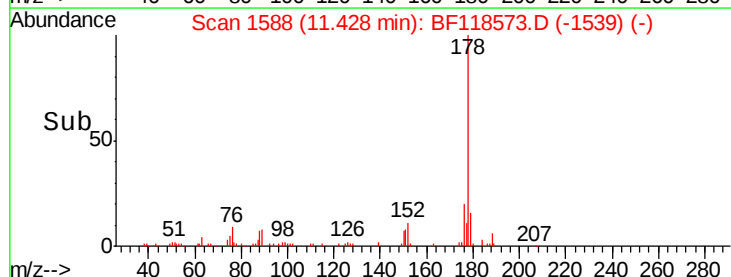
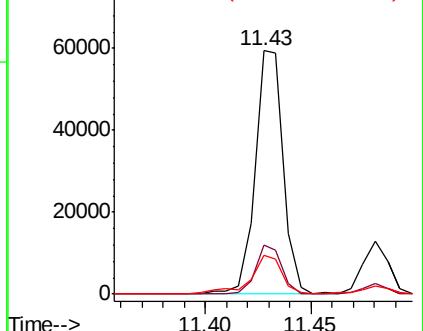
179 16.1 14.6 22.0

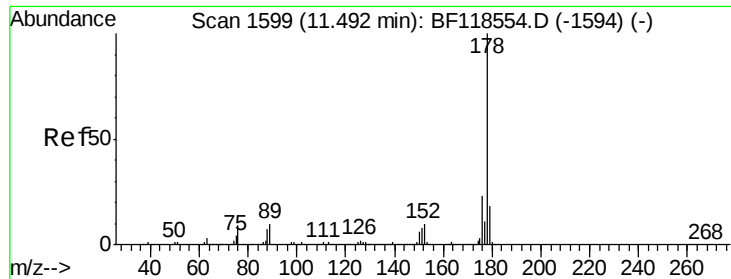


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.841 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.06 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

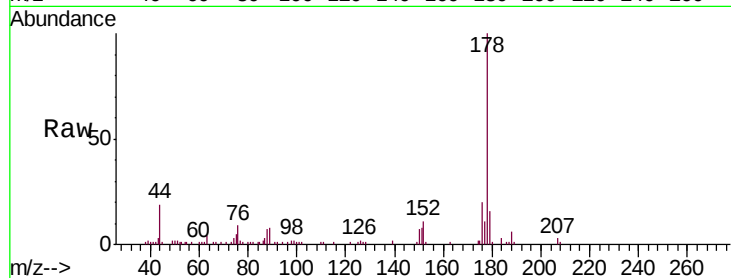
Tgt Ion:178 Resp: 55089

Ion Ratio Lower Upper

178 100

176 20.0 18.1 27.1

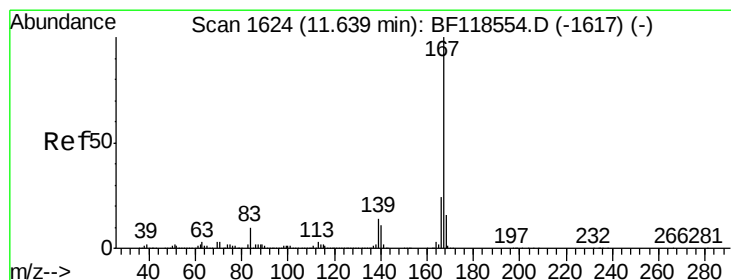
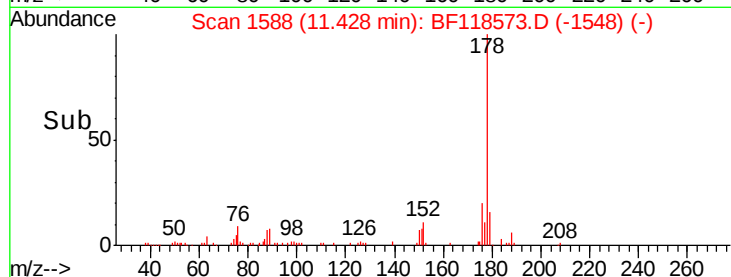
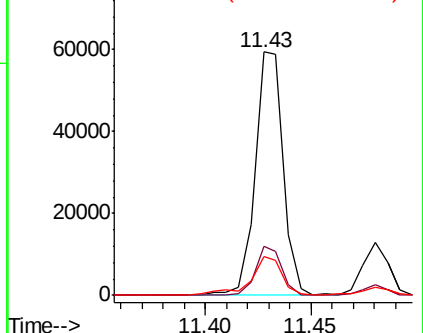
179 16.1 14.7 22.1



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: 0.529 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

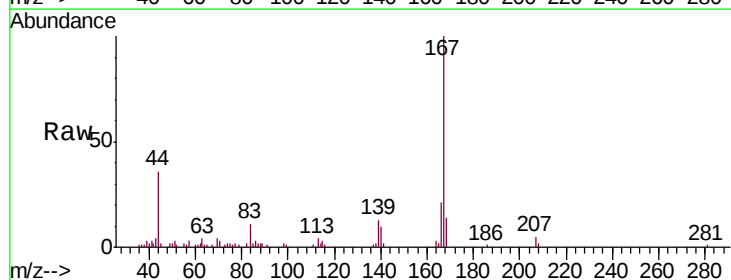
Tgt Ion:167 Resp: 31245

Ion Ratio Lower Upper

167 100

166 20.7 19.5 29.3

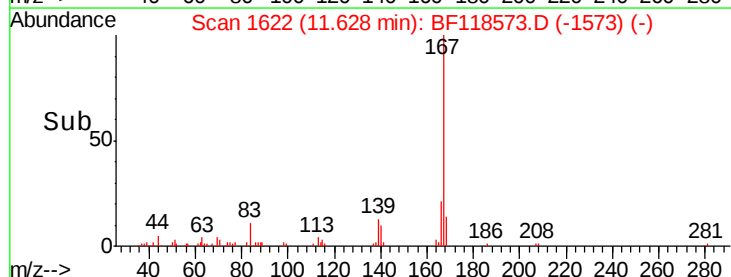
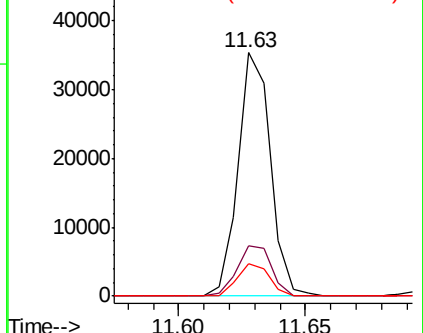
139 13.1 11.5 17.3

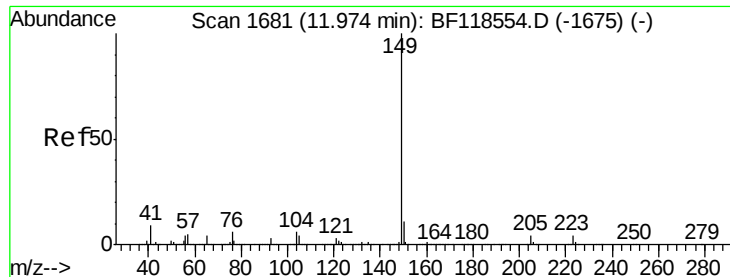


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

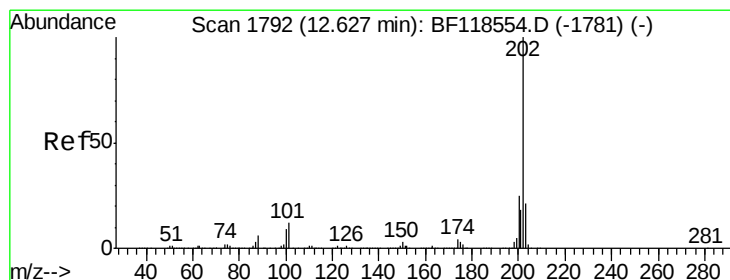
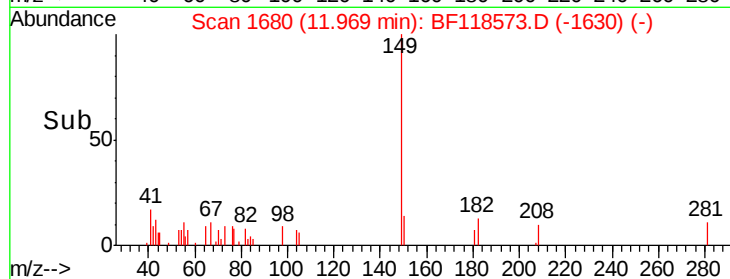
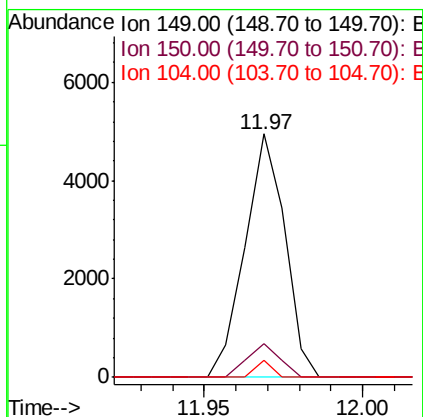
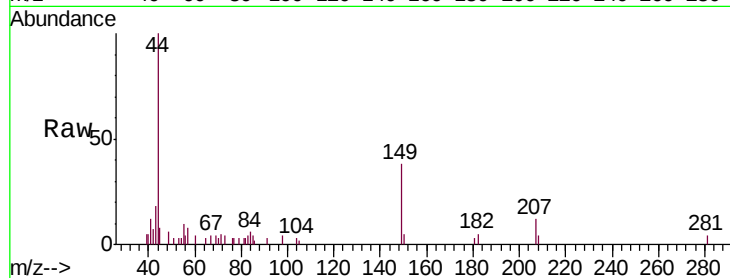




#74
Di-n-butylphthalate
Concen: 0.059 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

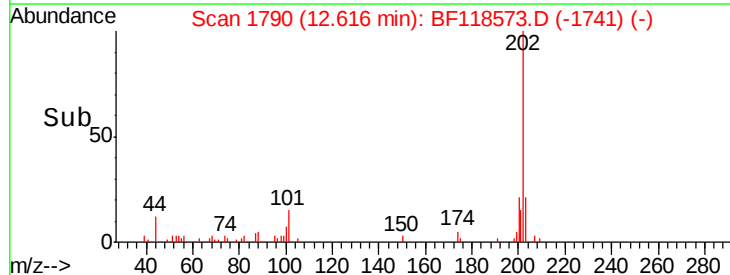
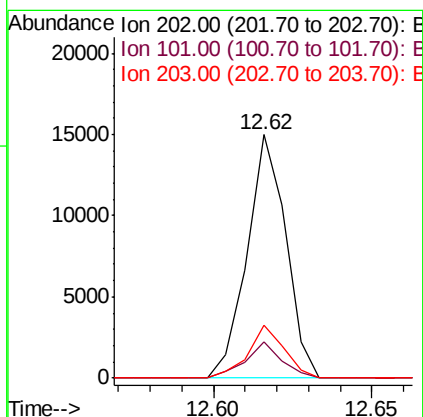
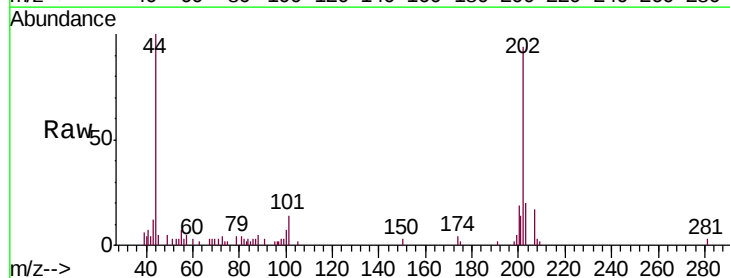
Instrument :
BNA_F
ClientSampleId :
TR-05-011520

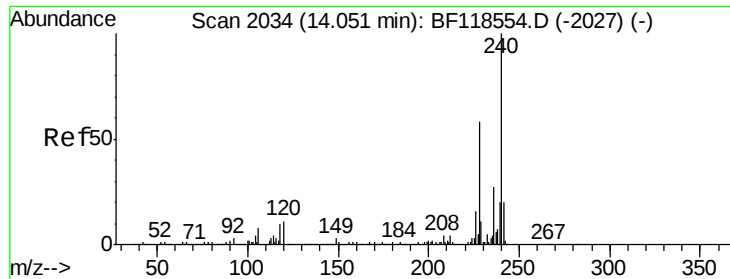
Tgt Ion:149 Resp: 4334
Ion Ratio Lower Upper
149 100
150 13.6 9.0 13.6#
104 7.1 5.0 7.4



#75
Fluoranthene
Concen: 0.180 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:202 Resp: 12719
Ion Ratio Lower Upper
202 100
101 14.8 0.0 31.9
203 21.5 0.9 40.9

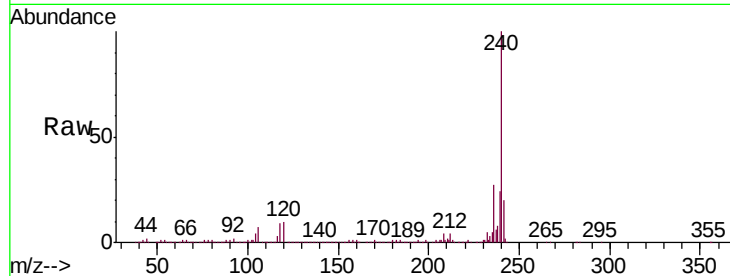




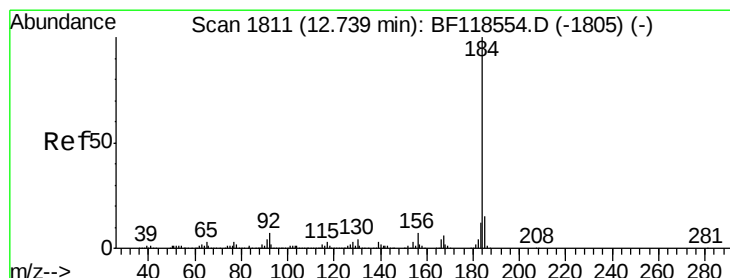
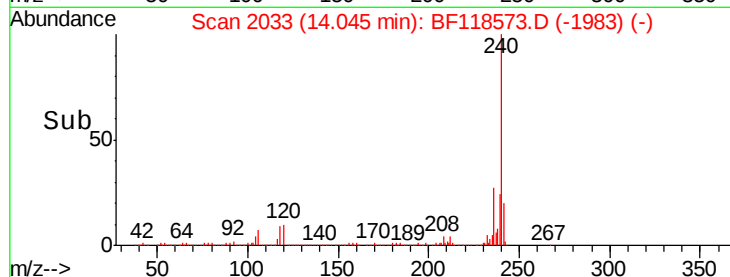
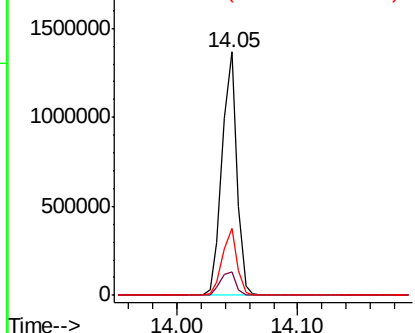
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:240 Resp: 1150387
Ion Ratio Lower Upper
240 100
120 9.7 8.7 13.1
236 27.3 21.8 32.8

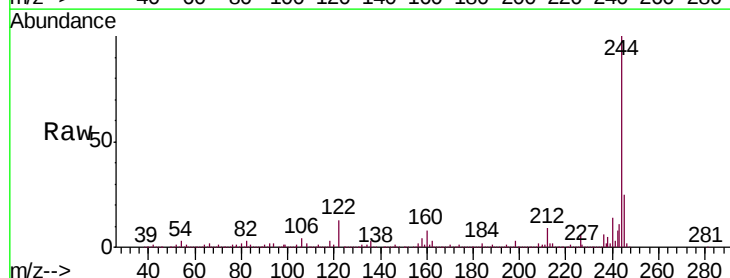


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

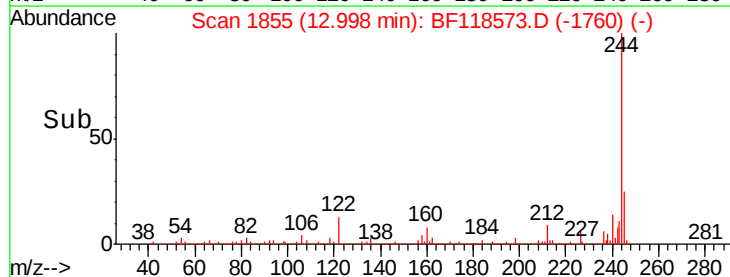
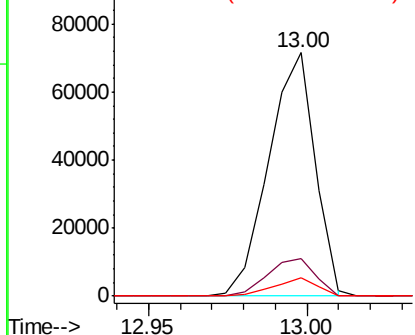


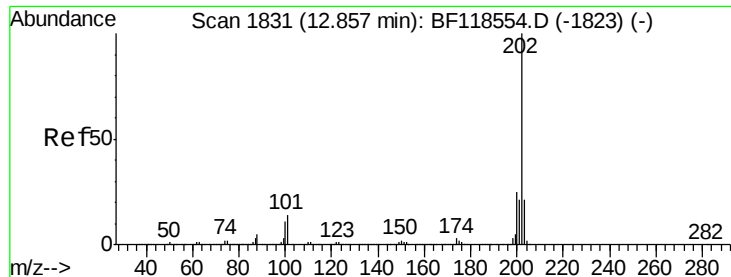
#77
Benzidine
Concen: 2.604 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:184 Resp: 72794
Ion Ratio Lower Upper
184 100
185 15.7 12.3 18.5
183 7.4 9.5 14.3#



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

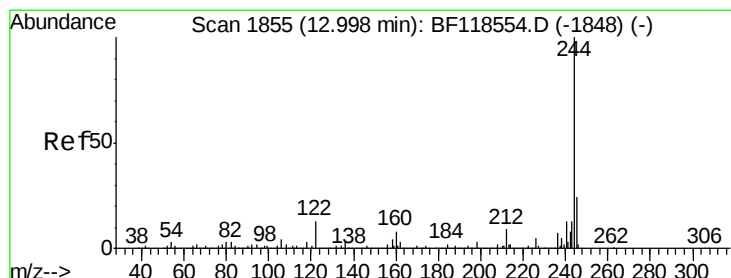
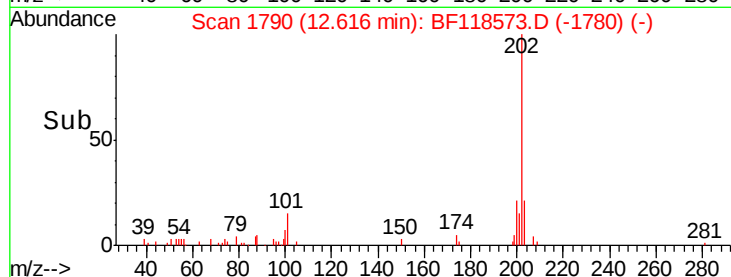
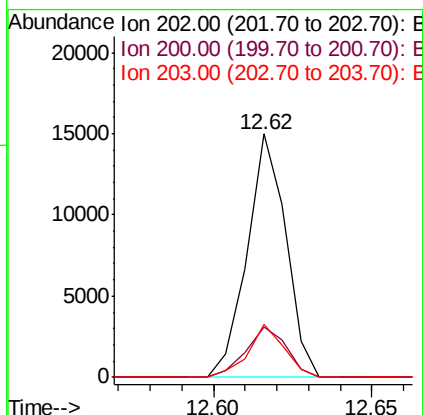
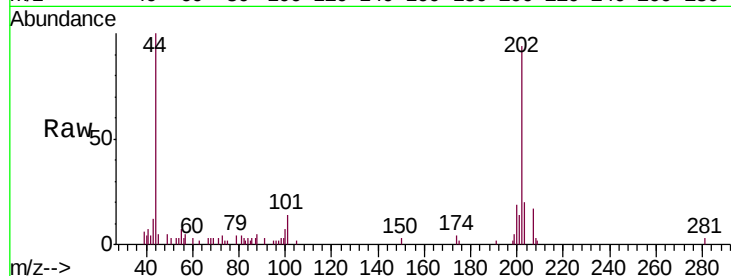




#78
Pyrene
Concen: 0.148 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.24 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

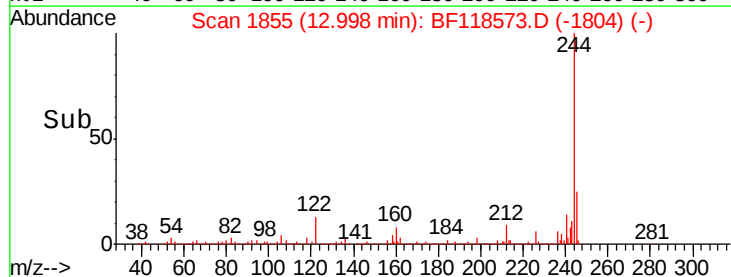
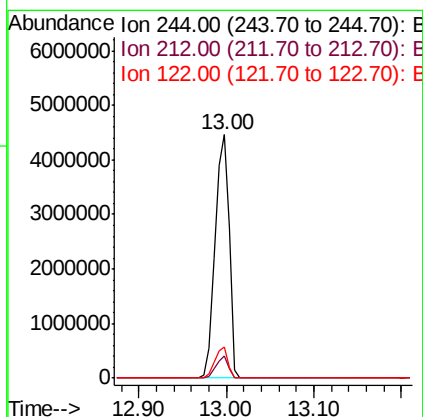
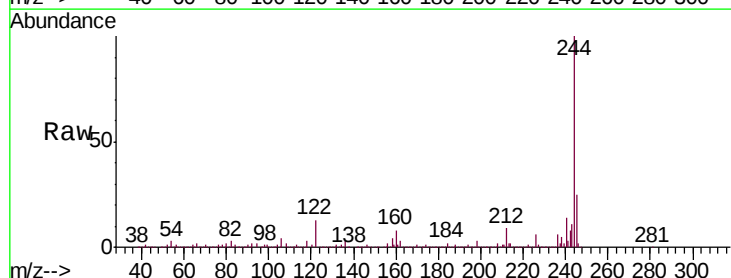
Instrument :
BNA_F
ClientSampleId :
TR-05-011520

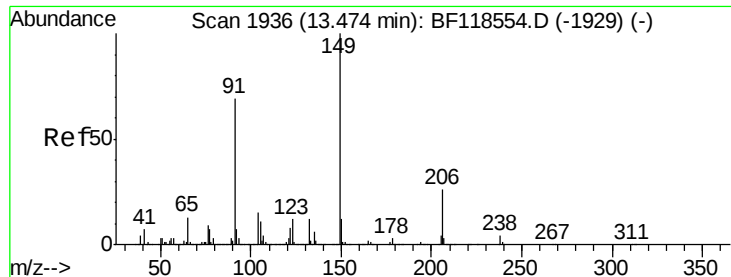
Tgt Ion: 202 Resp: 12719
Ion Ratio Lower Upper
202 100
200 20.6 20.2 30.4
203 21.5 16.6 25.0



#79
Terphenyl-d14
Concen: 85.412 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion: 244 Resp: 4975216
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.4
122 12.8 10.4 15.6

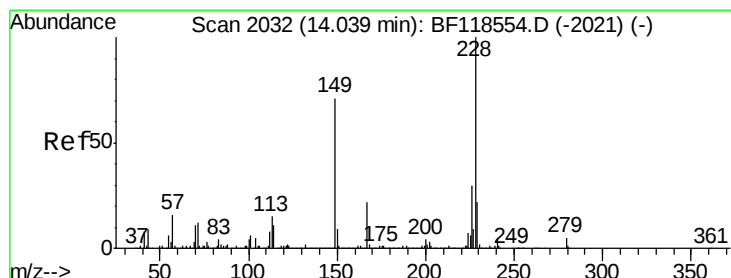
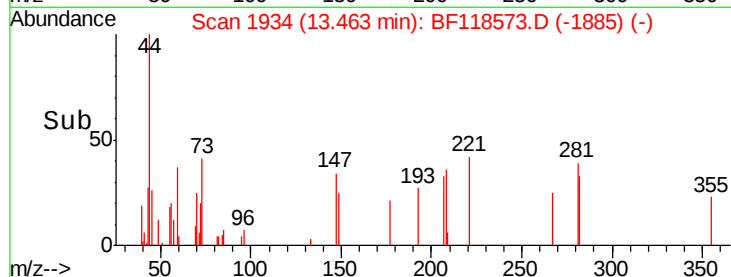
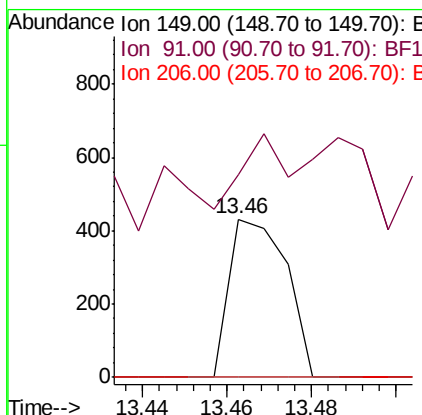
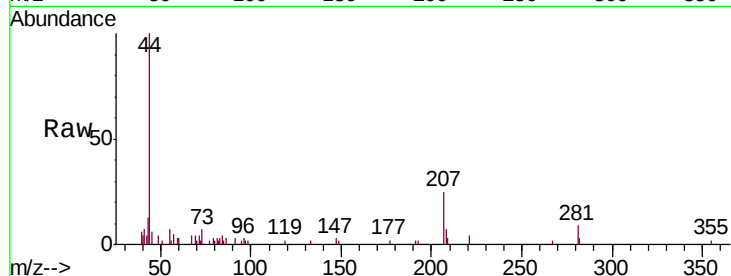




#80
 Butylbenzylphthalate
 Concen: 0.011 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

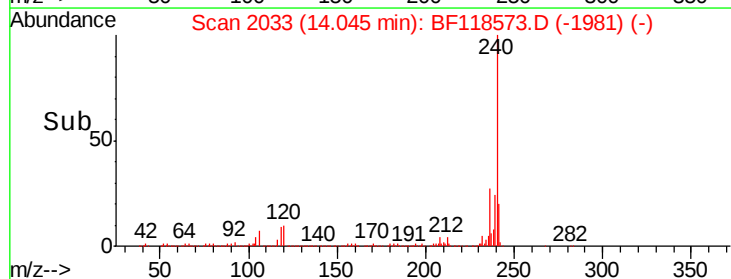
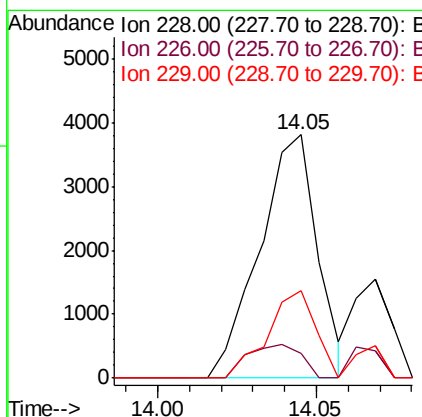
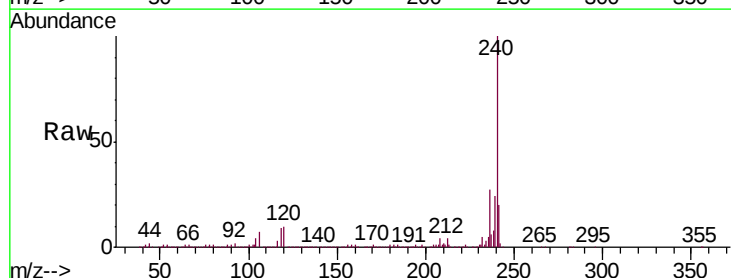
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-011520

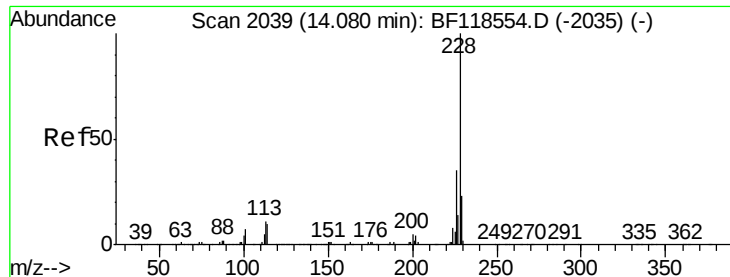
Tgt Ion:	149	Resp:	404
Ion Ratio	Lower	Upper	
149	100		
91	128.2	55.5	83.3#
206	0.0	20.7	31.1#



#81
 Benzo(a)anthracene
 Concen: 0.067 ng
 RT: 14.05 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF118573.D
 Acq: 17 Jan 2020 22:19

Tgt Ion:	228	Resp:	4840
Ion Ratio	Lower	Upper	
228	100		
226	10.1	23.7	35.5#
229	36.0	17.3	25.9#





#83

Chrysene

Concen: 0.069 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.04 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

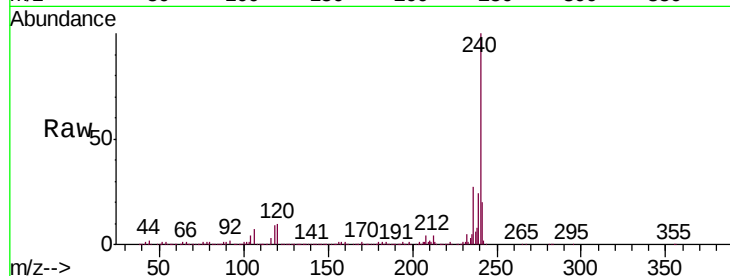
Tgt Ion:228 Resp: 4840

Ion Ratio Lower Upper

228 100

226 10.1 28.2 42.2#

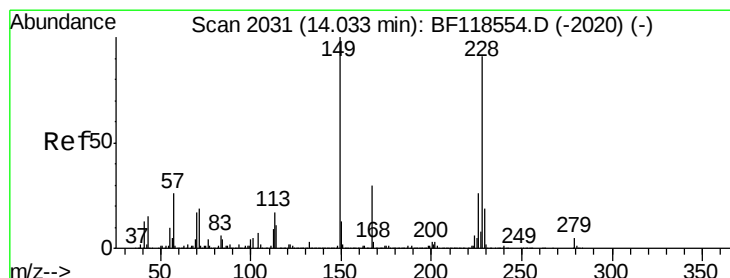
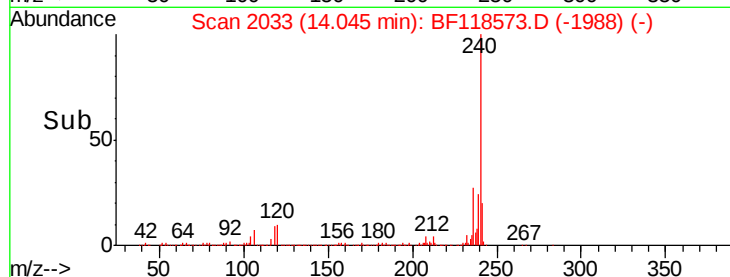
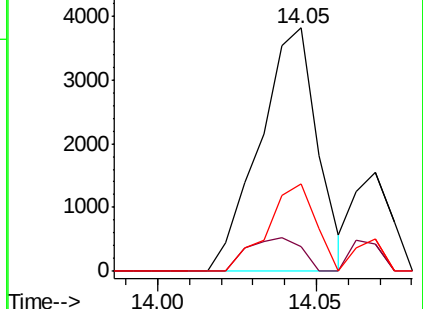
229 36.0 18.2 27.2#



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: 0.112 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

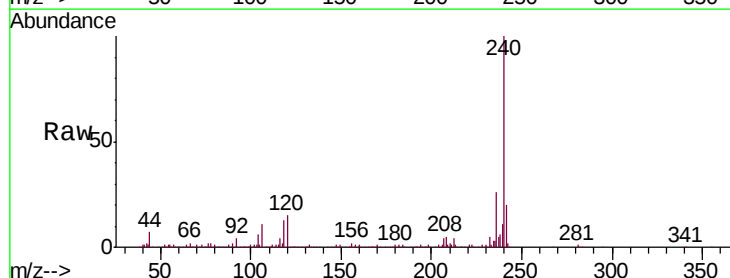
Tgt Ion:149 Resp: 5123

Ion Ratio Lower Upper

149 100

167 27.2 23.9 35.9

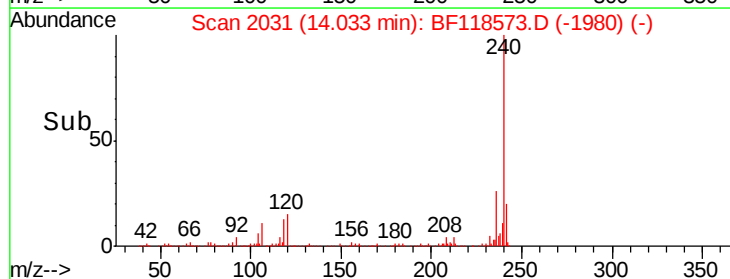
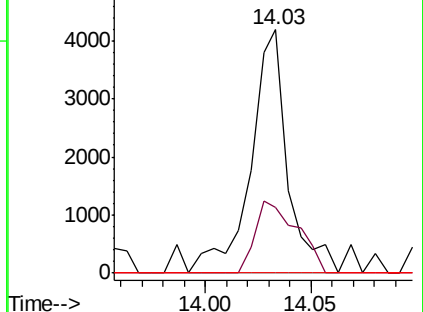
279 0.0 4.2 6.2#

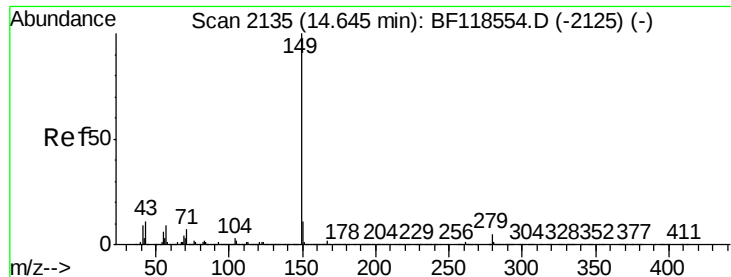


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

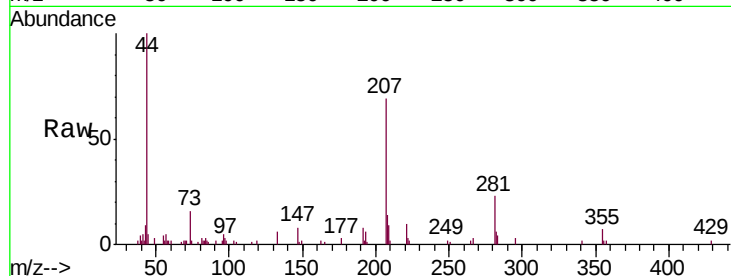




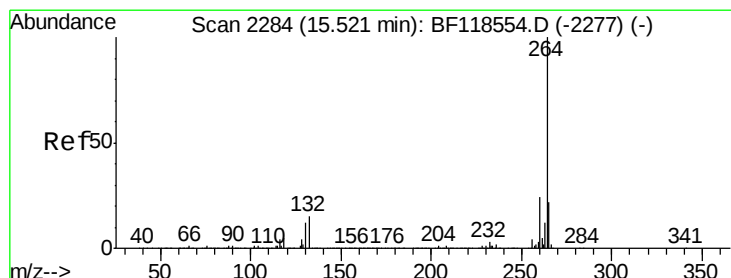
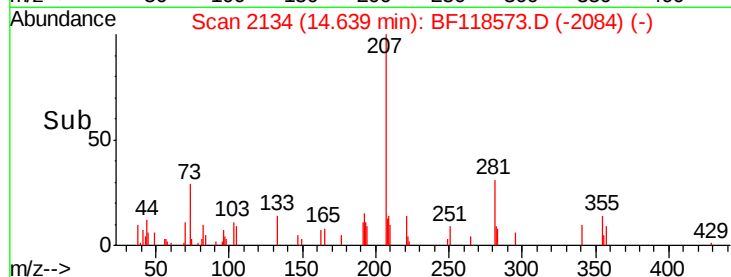
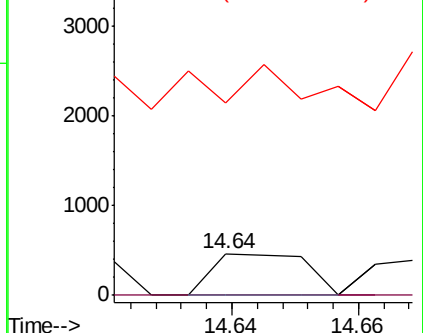
#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-011520

Tgt Ion:149 Resp: 475
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.2#
43 0.0 8.9 13.3#

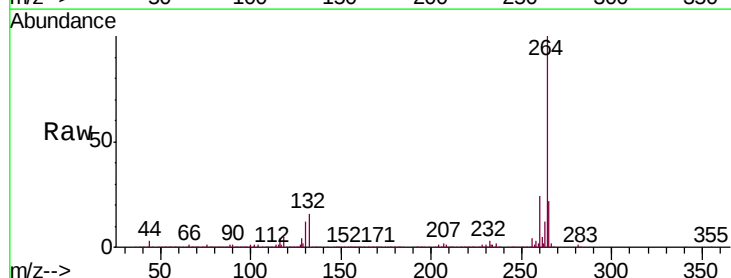


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

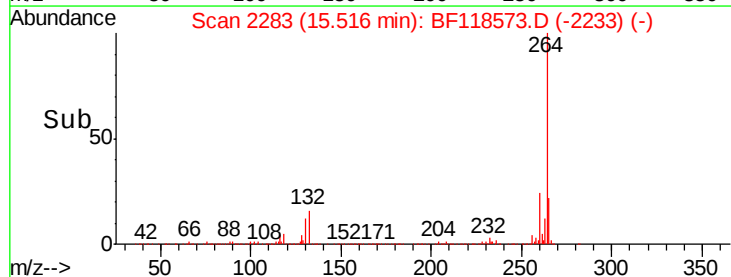
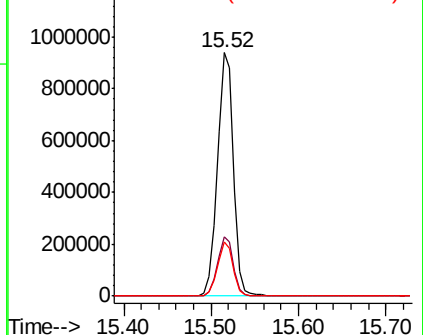


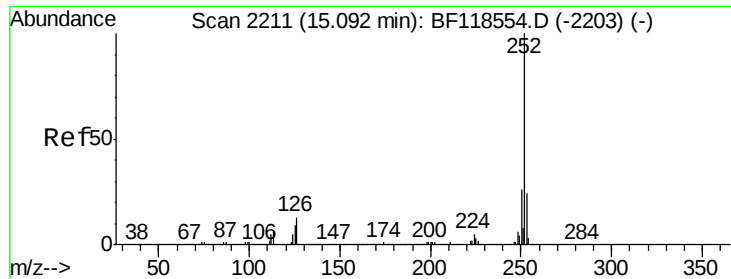
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:264 Resp: 1194712
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.3 17.6 26.4



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

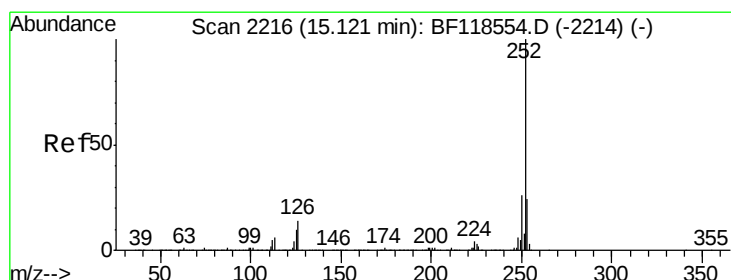
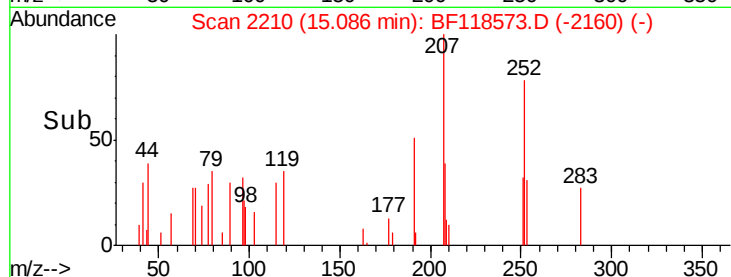
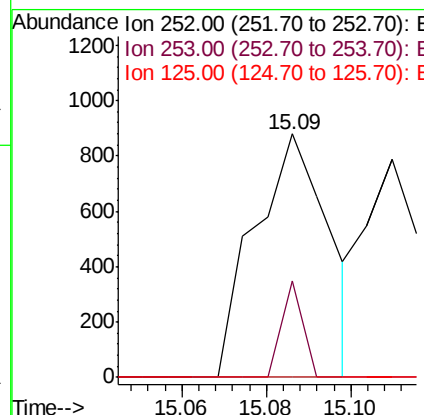
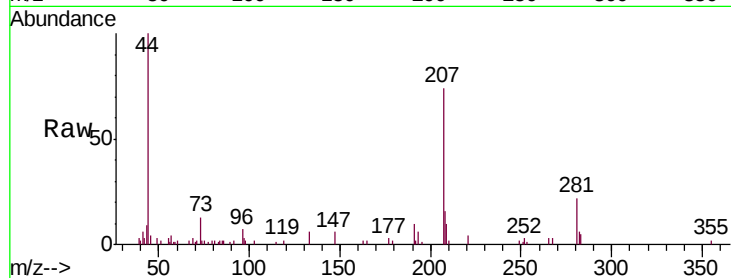




#88
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

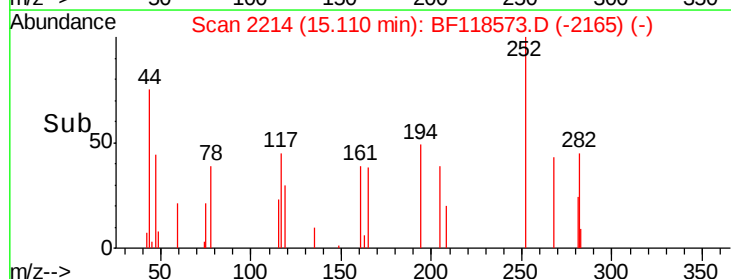
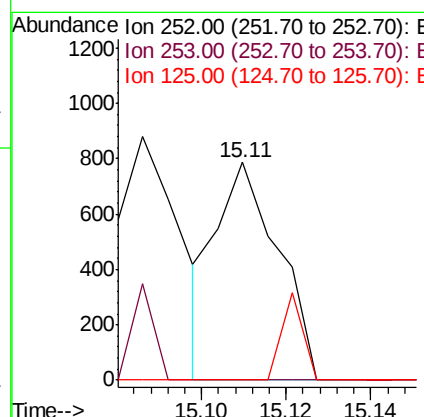
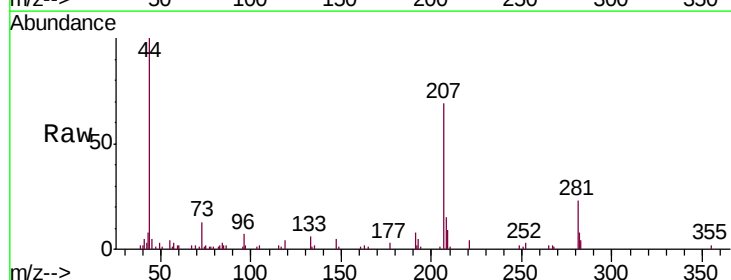
Instrument :
BNA_F
ClientSampleId :
TR-05-011520

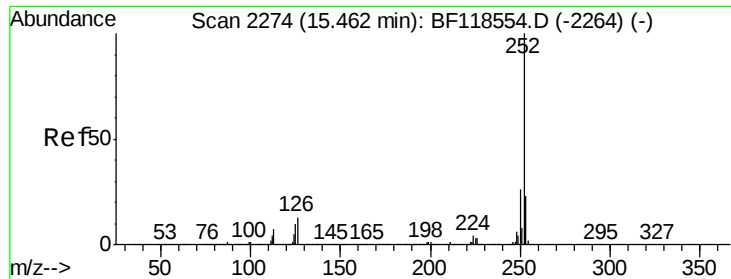
Tgt Ion:252 Resp: 1073
Ion Ratio Lower Upper
252 100
253 39.7 19.1 28.7#
125 0.0 7.5 11.3#



#89
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118573.D
Acq: 17 Jan 2020 22:19

Tgt Ion:252 Resp: 799
Ion Ratio Lower Upper
252 100
253 0.0 19.0 28.4#
125 0.0 7.8 11.8#





#90

Benzo(a)pyrene

Concen: 0.008 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF118573.D

Acq: 17 Jan 2020 22:19

Instrument :

BNA_F

ClientSampleId :

TR-05-011520

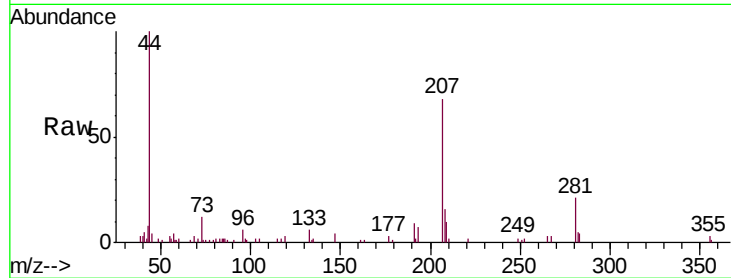
Tgt Ion: 252 Resp: 532

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 0.0 7.8 11.6#



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

