

Data File : BF118572.D
Acq On : 17 Jan 2020 21:50
Operator : JU
Sample : L1016-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Quant Time: Jan 18 01:08:22 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	351648	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1285782	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	711996	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1340250	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1169242	20.00	ng	0.00
87) Perylene-d12	15.52	264	1234854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2706596	142.22	ng	0.01
7) Phenol-d6	6.52	99	3263212	130.86	ng	0.00
23) Nitrobenzene-d5	7.45	82	2197237	105.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1237248	157.19	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4023394	102.02	ng	0.00
79) Terphenyl-d14	13.00	244	5187413	87.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	162	0.018	ng	# 23
3) Pyridine	3.60	79	9753	0.386	ng	# 87
4) n-Nitrosodimethylamine	3.39	42	243	0.021	ng	# 1
6) Aniline	6.55	93	286	0.009	ng	# 41
8) 2-Chlorophenol	6.67	128	939	0.043	ng	# 1
9) Benzaldehyde	6.52	77	5810	0.455	ng	# 3
10) Phenol	6.52	94	1111	0.041	ng	# 1
11) bis(2-Chloroethyl)ether	6.66	93	4540	0.207	ng	# 1
12) 1,3-Dichlorobenzene	6.83	146	122	0.005	ng	# 25
13) 1,4-Dichlorobenzene	6.83	146	122	0.005	ng	# 23
14) 1,2-Dichlorobenzene	7.05	146	111	0.005	ng	# 1
15) Benzyl Alcohol	7.05	79	40399	1.974	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.13	45	470	0.015	ng	# 65
17) 2-Methylphenol	7.05	107	527	0.029	ng	# 1
18) Hexachloroethane	7.38	117	465	0.049	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	318482	17.809	ng	# 79
20) 3+4-Methylphenols	7.27	107	168	0.008	ng	# 58
22) Acetophenone	7.29	105	6308	0.202	ng	# 82
24) Nitrobenzene	7.45	77	8975	0.405	ng	# 33
25) Isophorone	7.45	82	2190346	48.477	ng	# 63
27) 2,4-Dimethylphenol	7.83	122	1767	0.098	ng	# 4
28) bis(2-Chloroethoxy)methane	7.77	93	408	0.014	ng	# 48
31) Naphthalene	8.19	128	22114	0.365	ng	# 97
32) Benzoic acid	7.83	122	1767	7.974	ng	# 90
33) 4-Chloroaniline	8.23	127	750	0.027	ng	# 54
35) Caprolactam	8.55	113	596	0.097	ng	# 50
36) 4-Chloro-3-methylphenol	8.50	107	679	0.035	ng	# 19
37) 2-Methylnaphthalene	8.88	142	12098	0.282	ng	# 98
38) 1-Methylnaphthalene	8.98	142	8130	0.200	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	312	0.014	ng	# 74
41) Hexachlorocyclopentadiene	9.04	237	125	0.010	ng	# 28
46) 1,1'-Biphenyl	9.35	154	13638	0.268	ng	# 92
47) 2-Chloronaphthalene	9.37	162	605	0.014	ng	# 53
48) 2-Nitroaniline	9.43	65	367	0.033	ng	# 5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthylene	9.78	152	892	0.015	ng	# 57
51) 2,6-Dinitrotoluene	9.92	165	93252	9.998	ng	# 27
52) Acenaphthene	9.96	154	1723	0.043	ng	# 69
53) 3-Nitroaniline	10.12	138	386	0.037	ng	# 1
55) Dibenzofuran	10.13	168	2656	0.047	ng	# 99
56) 4-Nitrophenol	10.13	139	983	0.126	ng	# 4
57) 2,4-Dinitrotoluene	9.92	165	93252	11.828	ng	# 22
58) Fluorene	10.47	166	2949	0.068	ng	# 90
60) Diethylphthalate	10.33	149	2098	0.044	ng	# 79
61) 4-Chlorophenyl-phenylether	10.46	204	503	0.021	ng	# 74
63) Azobenzene	10.63	77	2206	0.047	ng	# 61
65) 4,6-Dinitro-2-methylphenol	10.71	198	2750	10.127	ng	# 1
66) n-Nitrosodiphenylamine	10.71	169	33887	0.787	ng	# 44
67) 4-Bromophenyl-phenylether	10.71	248	77844	4.339	ng	# 1
71) Phenanthrene	11.43	178	7128	0.106	ng	# 95
72) Anthracene	11.48	178	2436	0.036	ng	# 90
73) Carbazole	11.63	167	2728	0.045	ng	# 93
74) Di-n-butylphthalate	11.97	149	4163	0.055	ng	# 94
75) Fluoranthene	12.62	202	2425	0.033	ng	# 97
77) Benzidine	13.00	184	76478	2.692	ng	# 94
78) Pyrene	12.85	202	2664	0.031	ng	# 90
80) Butylbenzylphthalate	13.47	149	989	0.026	ng	# 34
81) Benzo(a)anthracene	14.05	228	4056	0.055	ng	# 69
83) Chrysene	14.05	228	4056	0.057	ng	# 65
84) Bis(2-ethylhexyl)phthalate	14.03	149	4755	0.102	ng	# 94
85) Di-n-octyl phthalate	14.64	149	995	0.014	ng	# 74
88) Benzo(b)fluoranthene	15.07	252	595	0.007	ng	# 19
89) Benzo(k)fluoranthene	15.07	252	595	0.008	ng	# 19
90) Benzo(a)pyrene	15.45	252	241	0.003	ng	# 59

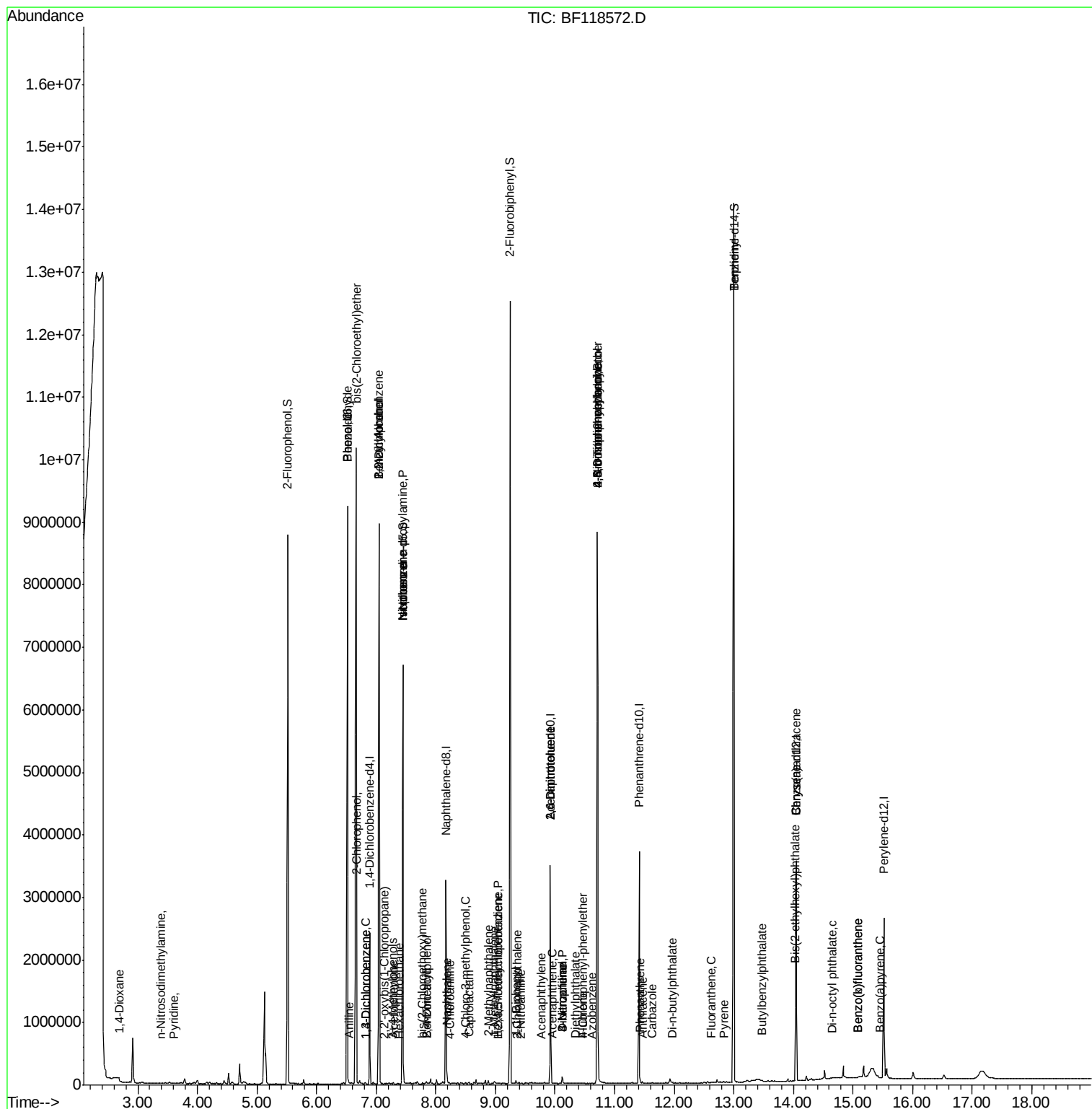
(#) = qualifier out of range (m) = manual integration (+) = signals summed

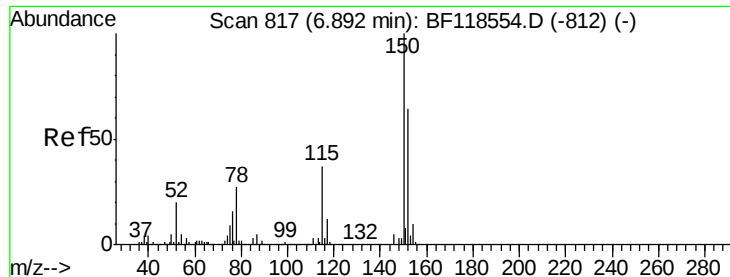
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

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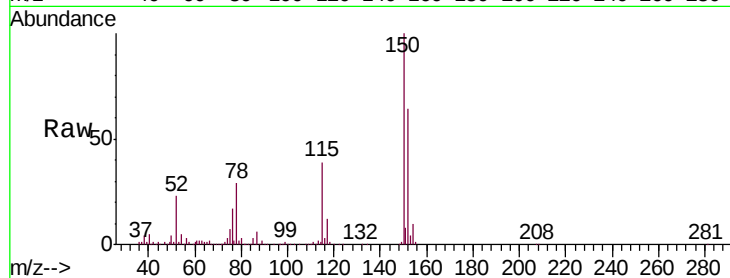
Tgt Ion:152 Resp: 351648

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

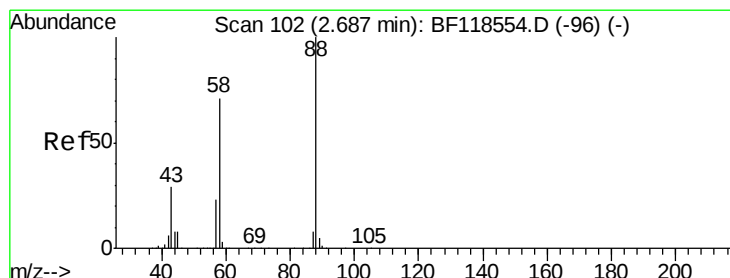
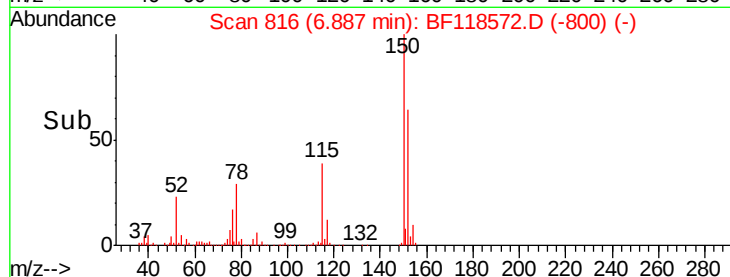
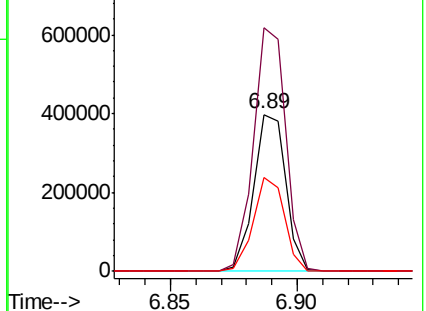
115 60.1 45.8 68.6



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: 0.018 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

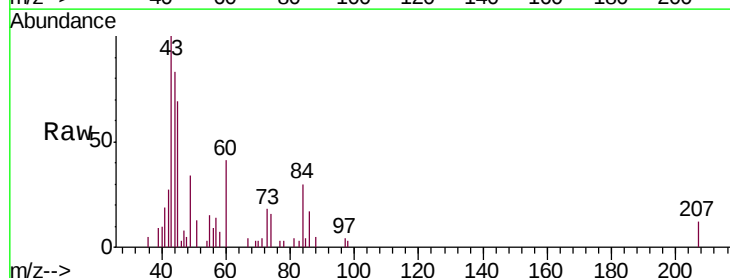
Tgt Ion: 88 Resp: 162

Ion Ratio Lower Upper

88 100

58 0.0 56.7 85.1#

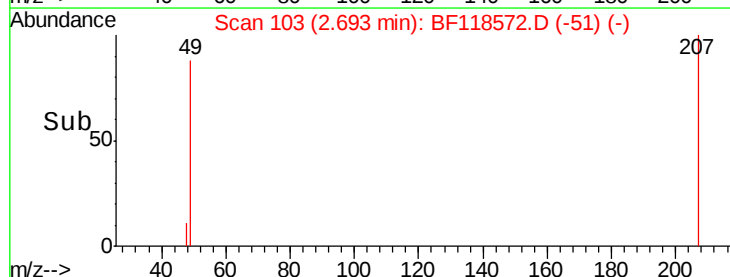
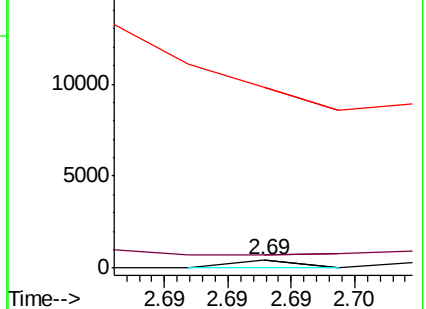
43 0.0 23.3 34.9#

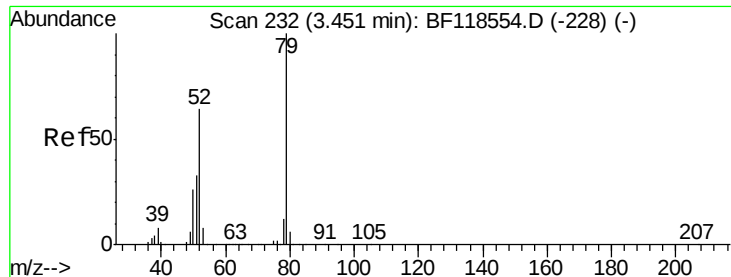


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

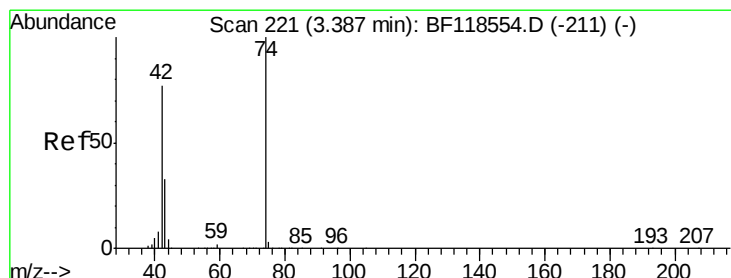
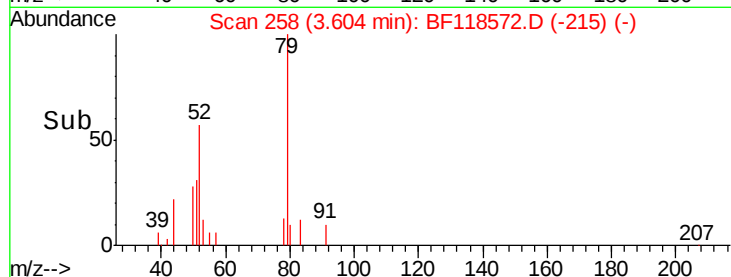
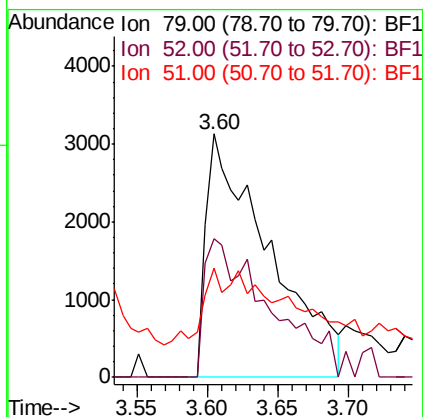
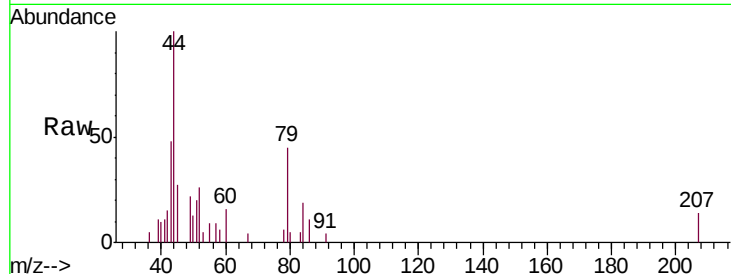




#3
 Pyridine
 Concen: 0.386 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.15 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

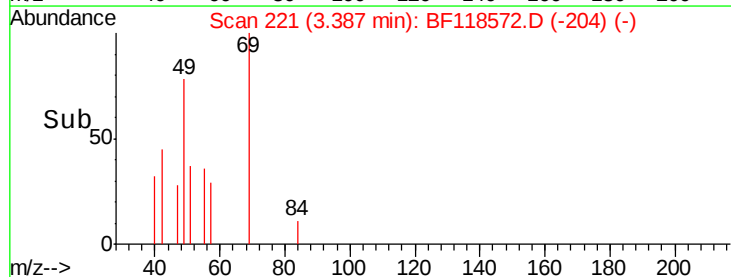
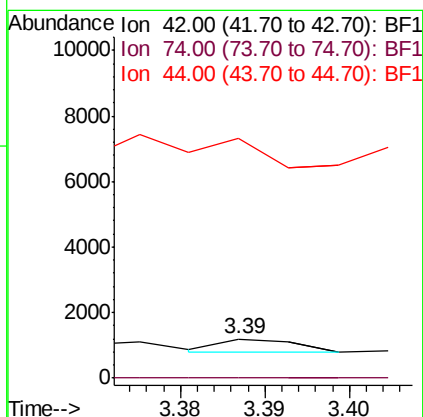
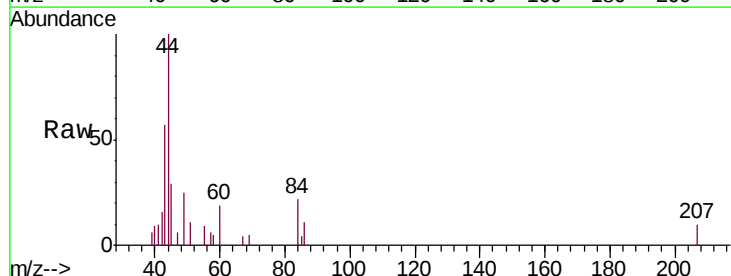
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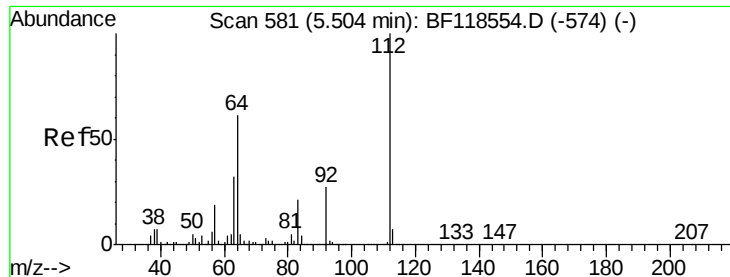
Tgt Ion: 79 Resp: 9753
 Ion Ratio Lower Upper
 79 100
 52 57.1 51.3 76.9
 51 44.9 26.7 40.1#



#4
 n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Tgt Ion: 42 Resp: 243
 Ion Ratio Lower Upper
 42 100
 74 0.0 103.1 154.7#
 44 615.5 5.4 8.2#





#5

2-Fluorophenol

Concen: 142.217 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

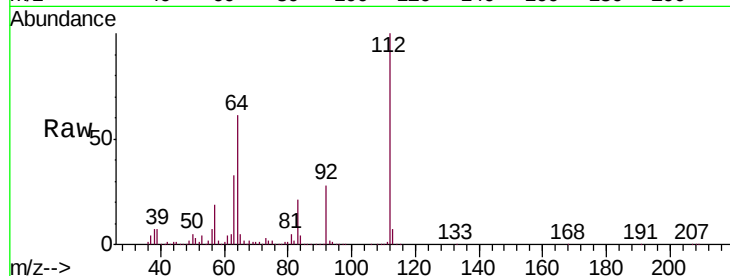
Tgt Ion:112 Resp: 2706596

Ion Ratio Lower Upper

112 100

64 61.1 49.1 73.7

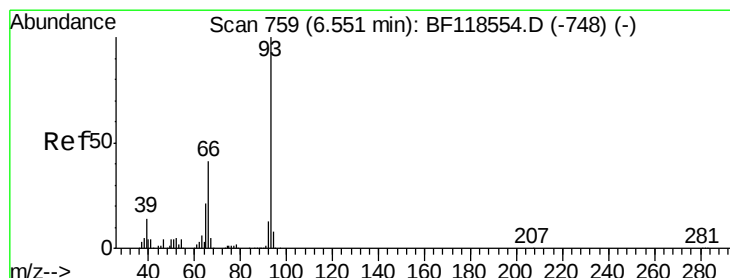
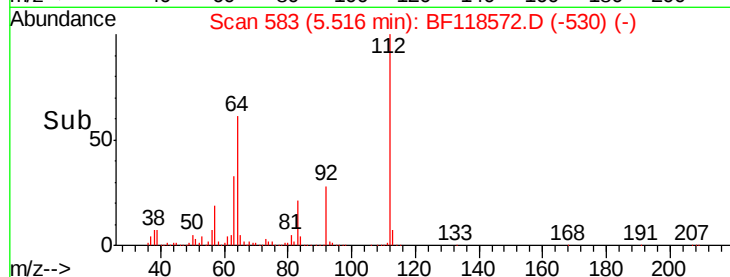
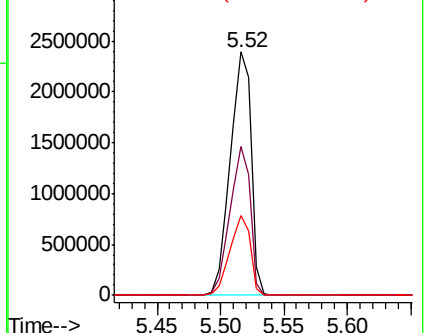
63 32.9 25.8 38.8



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: 0.009 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

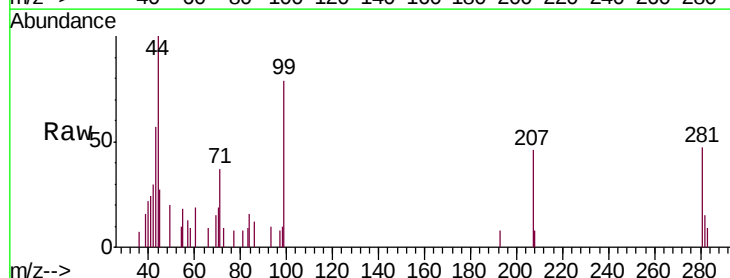
Tgt Ion: 93 Resp: 286

Ion Ratio Lower Upper

93 100

66 82.9 32.9 49.3#

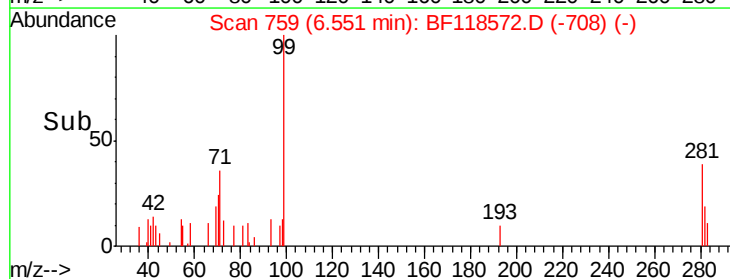
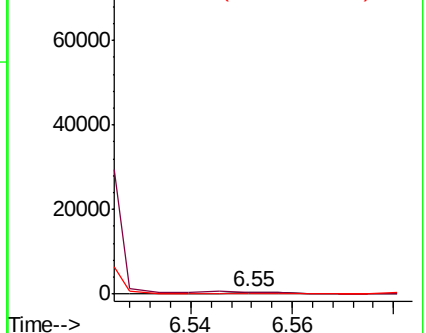
65 0.0 16.5 24.7#

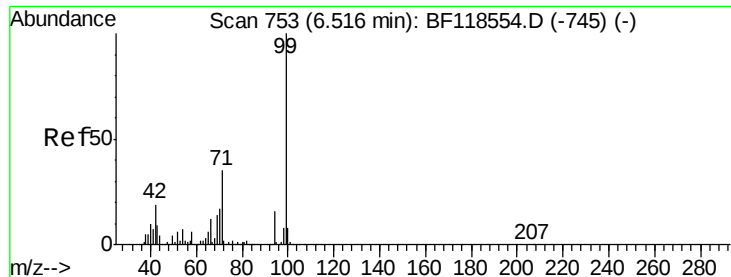


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.858 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118572.D

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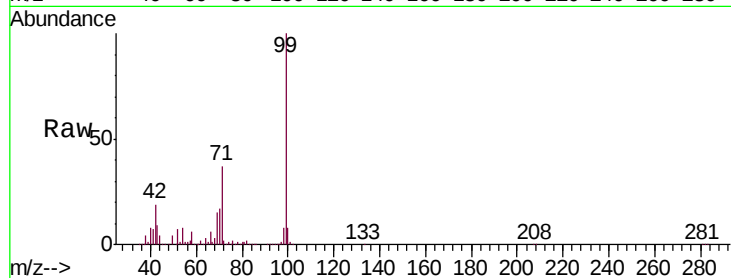
Tgt Ion: 99 Resp: 3263212

Ion Ratio Lower Upper

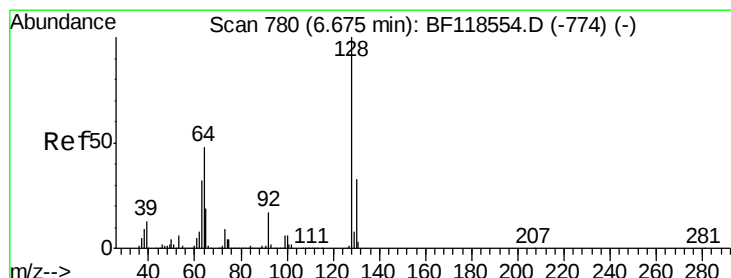
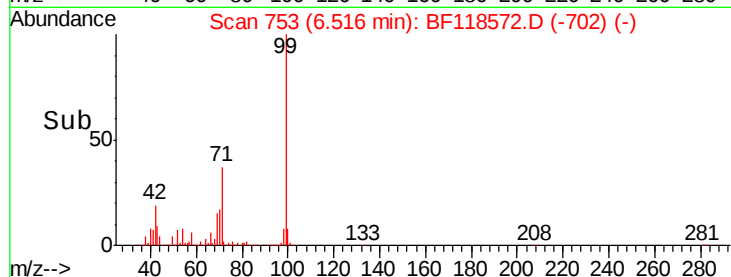
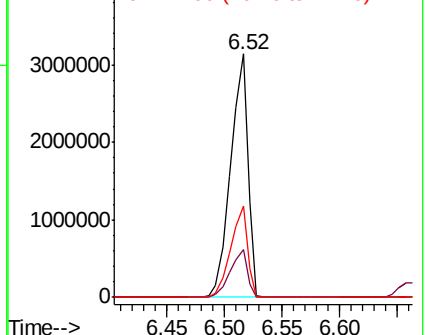
99 100

42 19.5 14.9 22.3

71 37.5 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: 0.043 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

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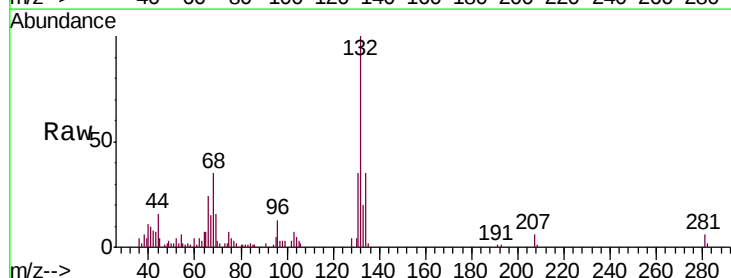
Tgt Ion: 128 Resp: 939

Ion Ratio Lower Upper

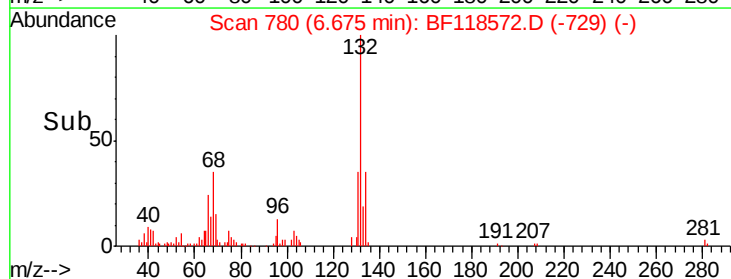
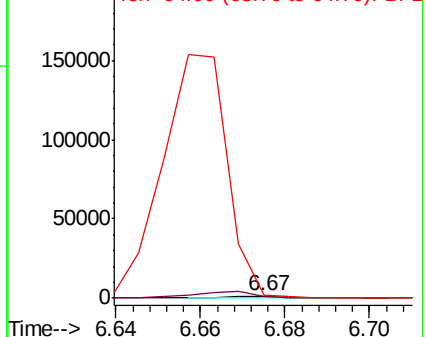
128 100

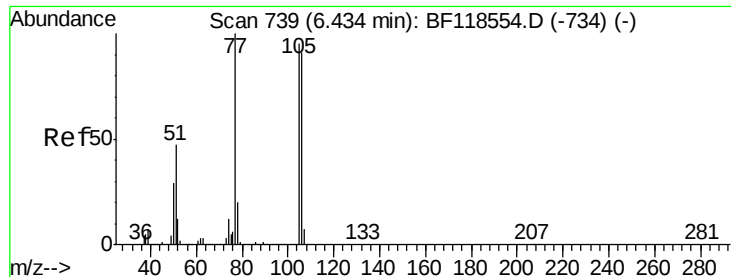
130 101.1 13.2 53.2#

64 174.8 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: 0.455 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.08 min

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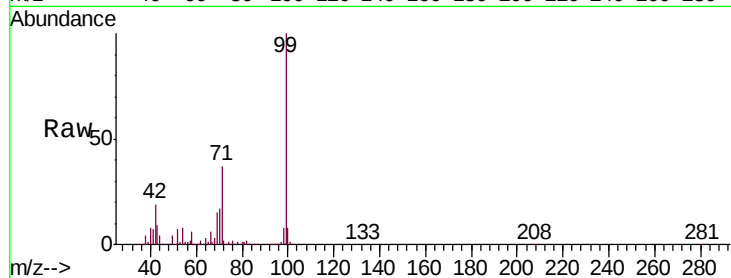
Tgt Ion: 77 Resp: 5810

Ion Ratio Lower Upper

77 100

105 0.0 75.2 115.2#

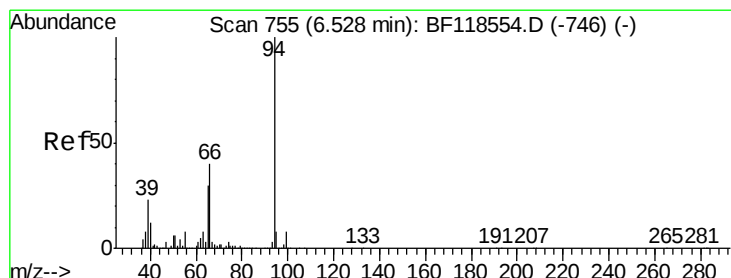
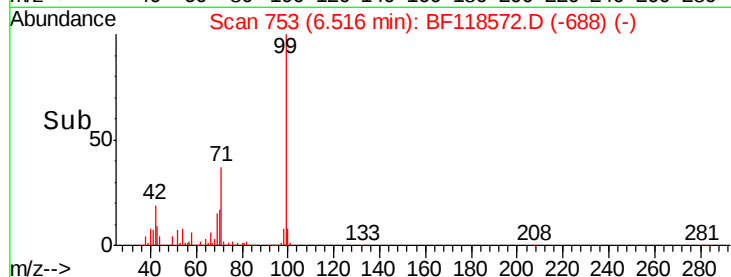
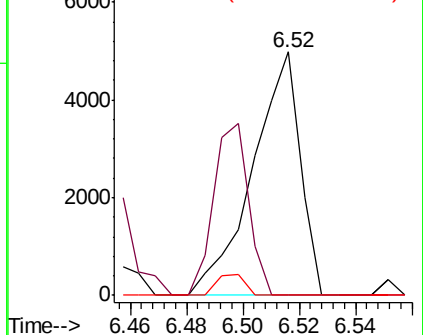
106 0.0 71.4 111.4#



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: 0.041 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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Acq: 17 Jan 2020 21:50

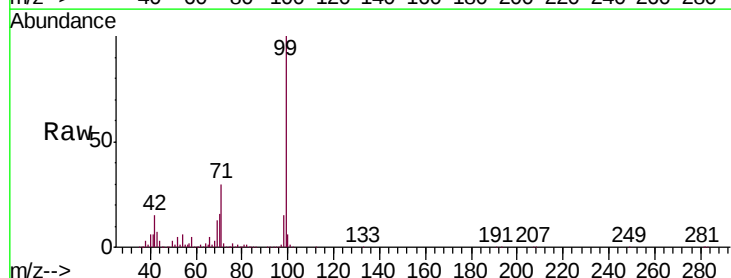
Tgt Ion: 94 Resp: 1111

Ion Ratio Lower Upper

94 100

65 1215.0 9.8 49.8#

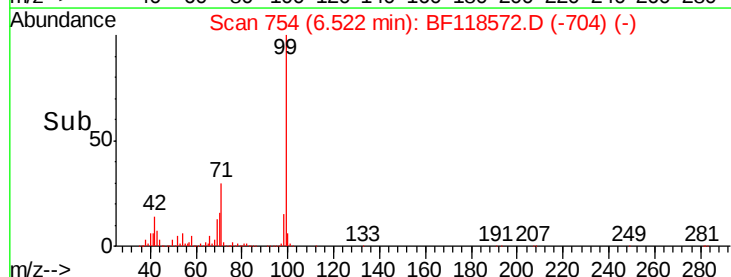
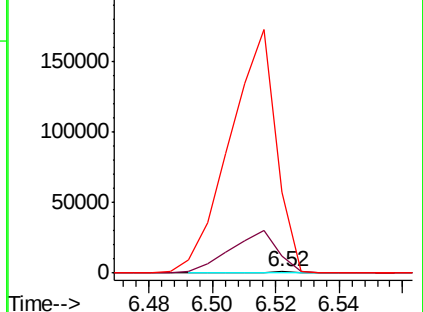
66 5747.7 19.5 59.5#

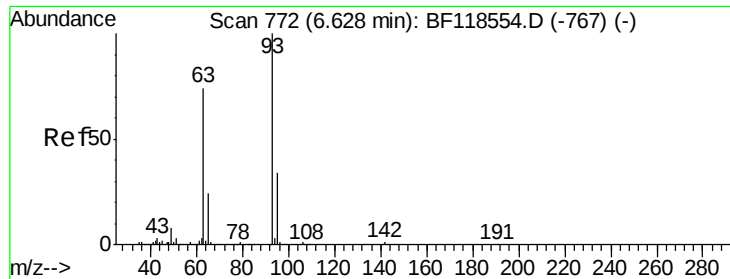


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.207 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.04 min

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ClientSampleId :

SU-03-011520

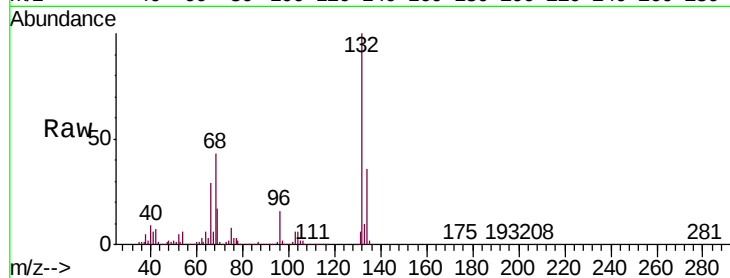
Tgt Ion: 93 Resp: 4540

Ion Ratio Lower Upper

93 100

63 777.9 54.0 94.0#

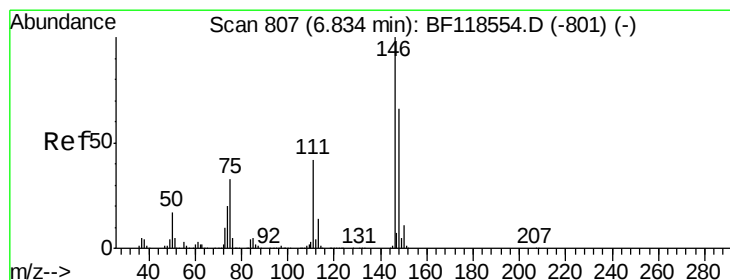
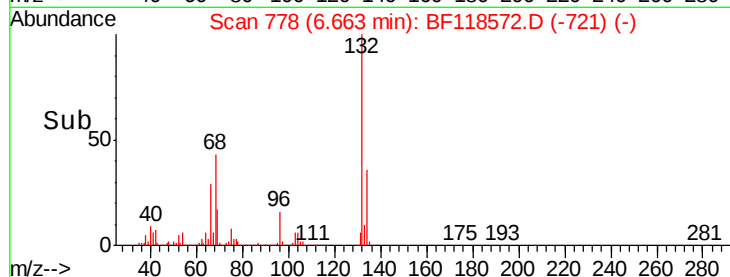
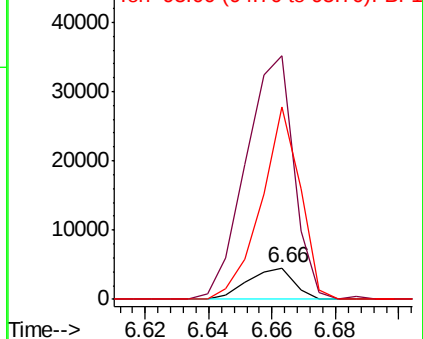
95 613.6 13.5 53.5#



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: 0.005 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

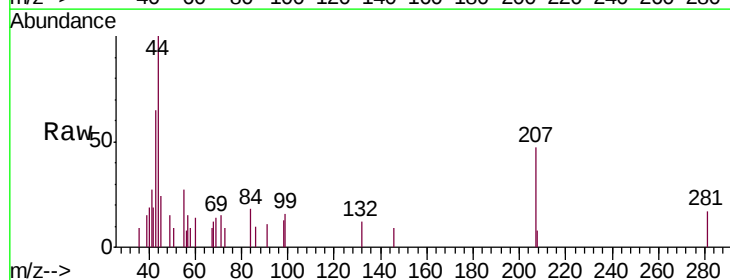
Tgt Ion: 146 Resp: 122

Ion Ratio Lower Upper

146 100

148 0.0 53.0 79.6#

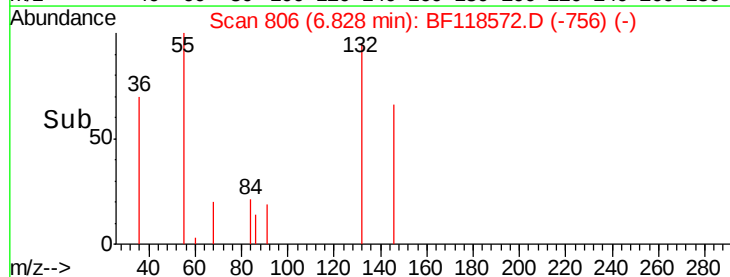
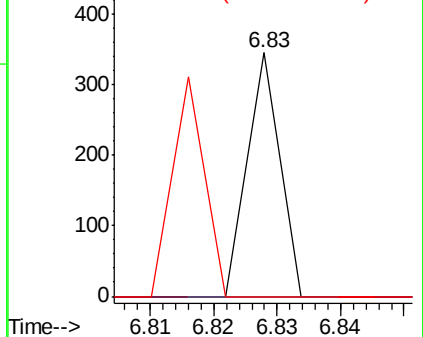
75 0.0 26.5 39.7#

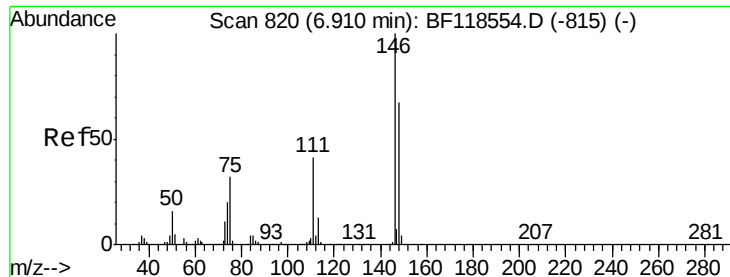


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

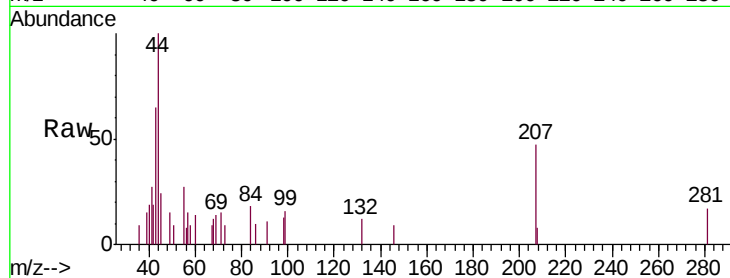




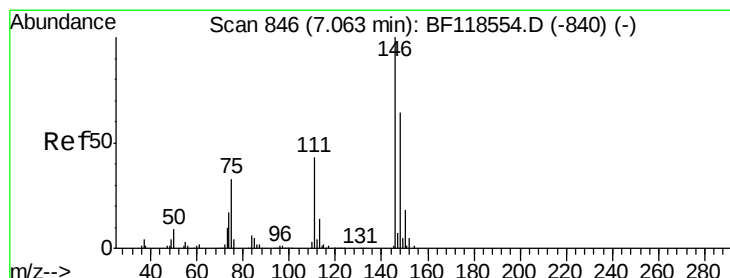
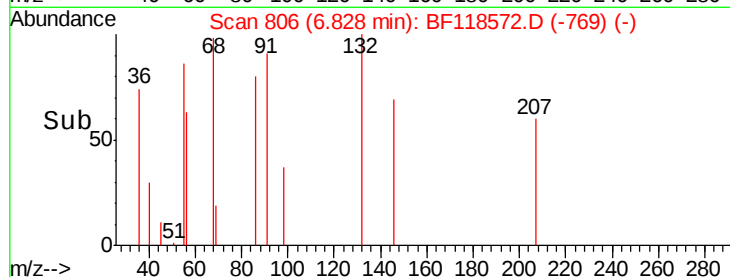
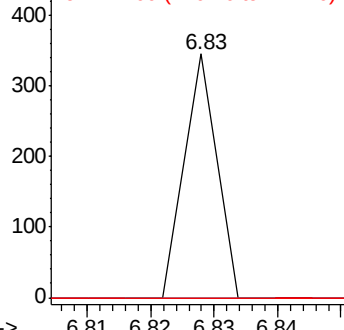
#13
1,4-Dichlorobenzene
Concen: 0.005 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tgt Ion:146 Resp: 122
Ion Ratio Lower Upper
146 100
148 0.0 53.4 80.2#
111 0.0 32.6 48.8#

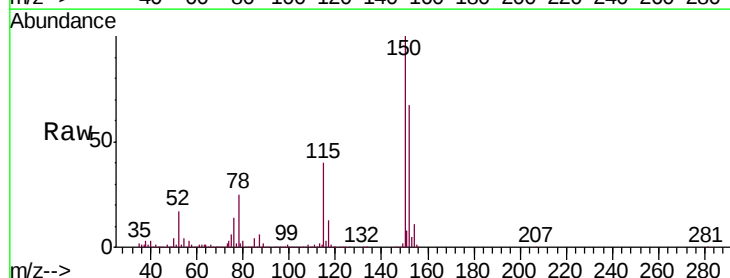


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

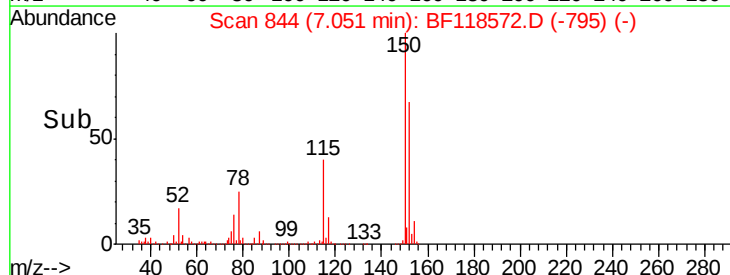
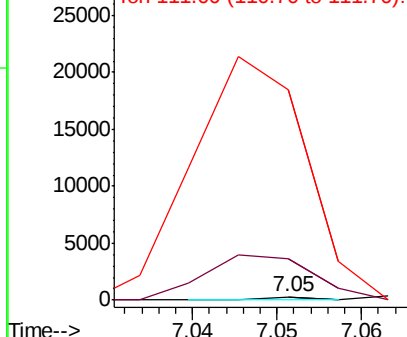


#14
1,2-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:146 Resp: 111
Ion Ratio Lower Upper
146 100
148 1145.5 51.2 76.8#
111 5872.6 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: 1.974 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.02 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

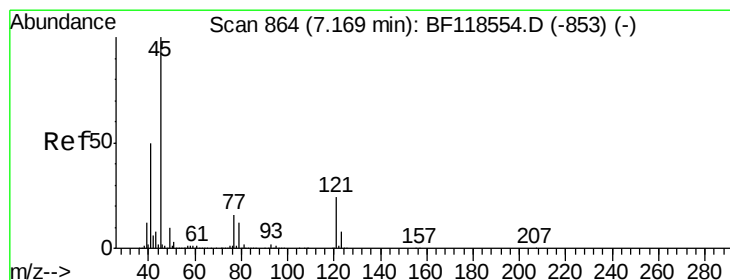
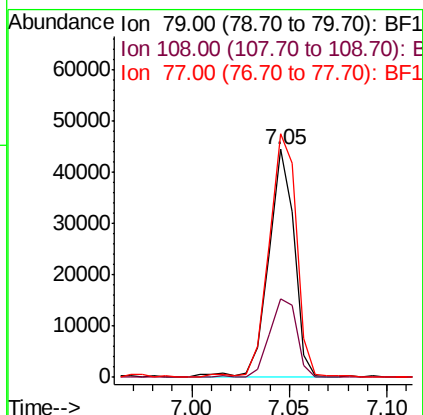
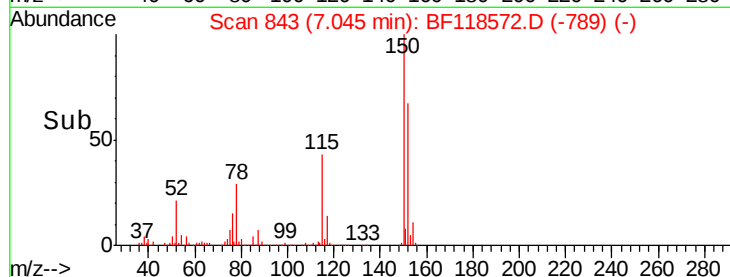
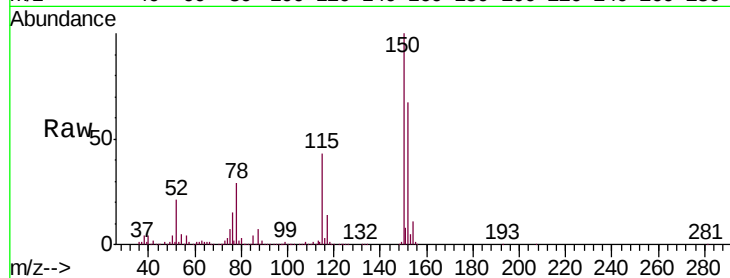
Tgt Ion: 79 Resp: 40399

Ion Ratio Lower Upper

79 100

108 34.3 61.9 92.9#

77 106.9 51.5 77.3#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.015 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

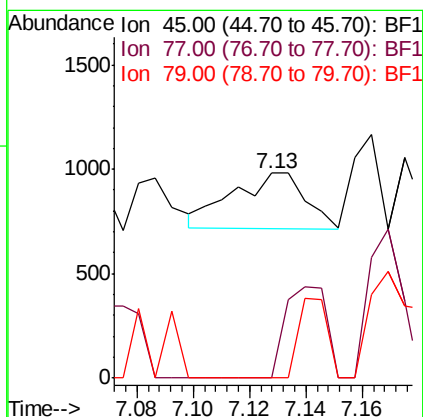
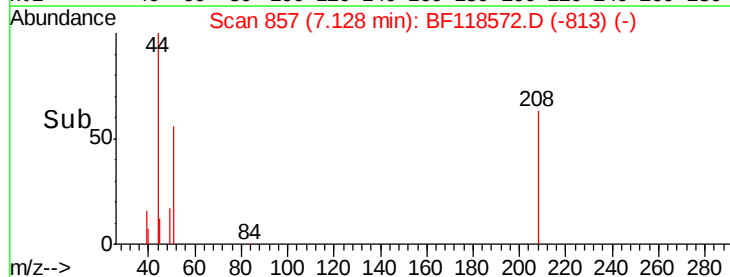
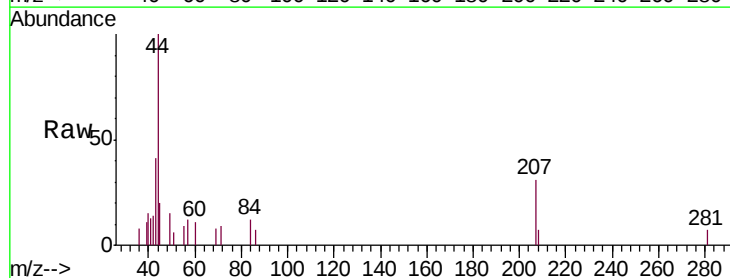
Tgt Ion: 45 Resp: 470

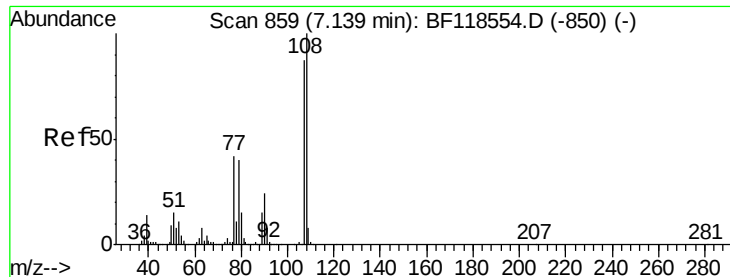
Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.8

79 0.0 0.0 32.2

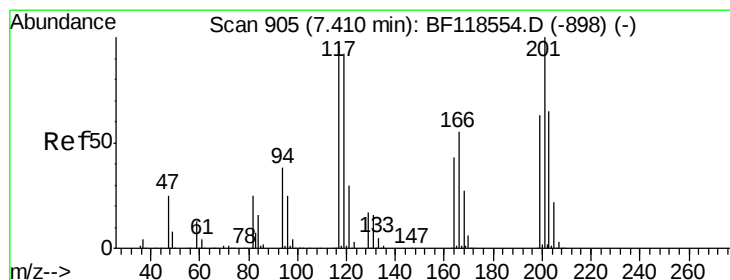
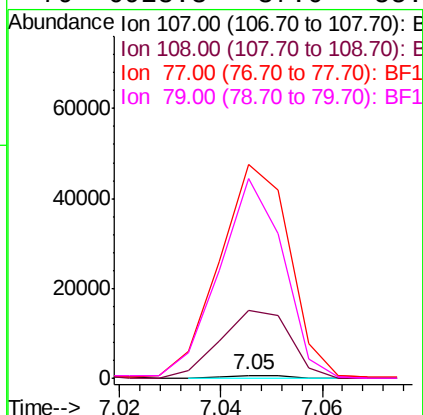
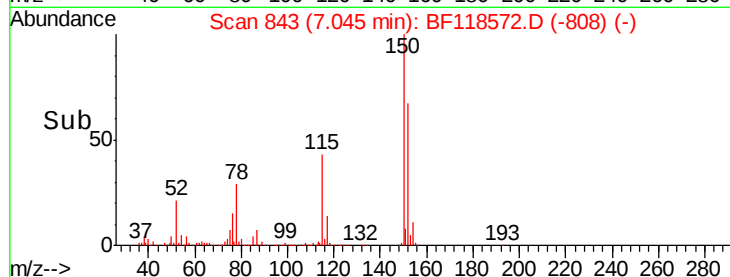
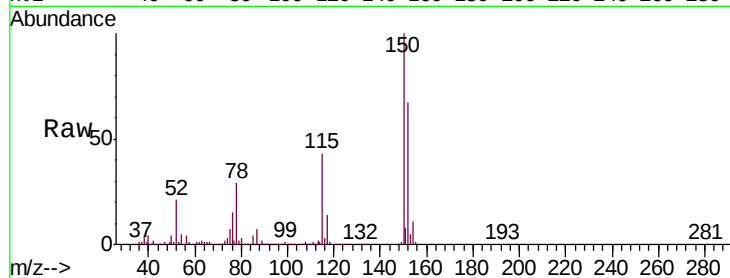




#17
2-Methylphenol
Concen: 0.029 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.09 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

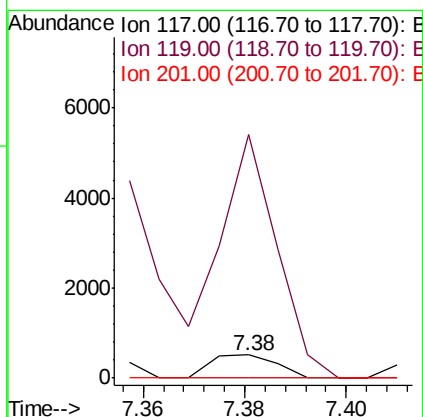
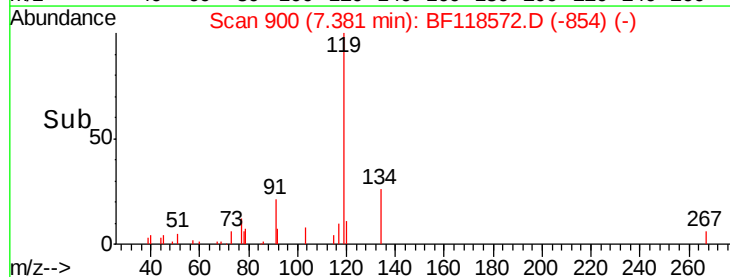
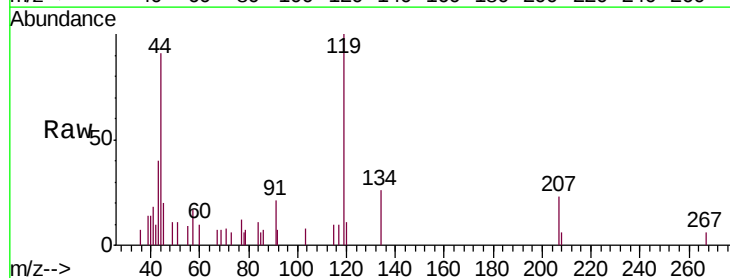
Instrument :
BNA_F
ClientSampleId :
SU-03-011520

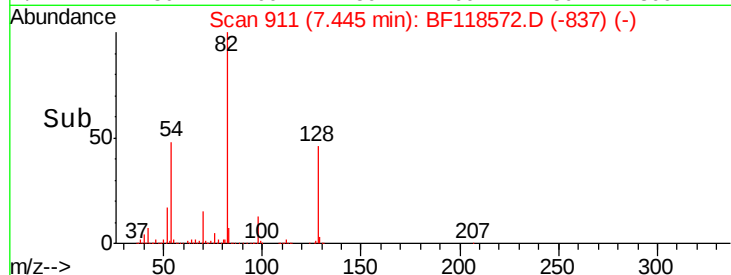
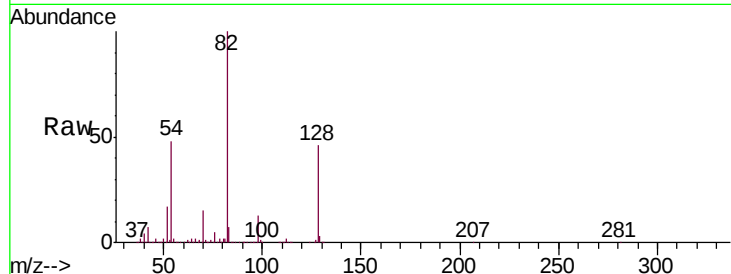
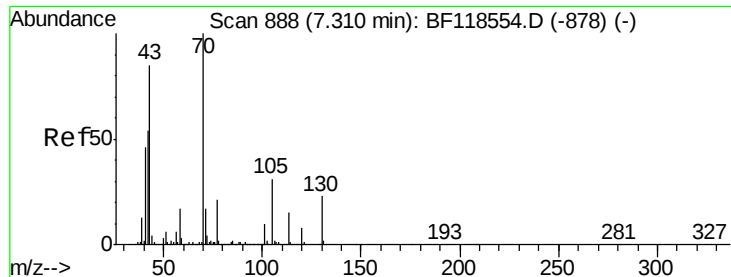
Tgt Ion:107 Resp: 527
Ion Ratio Lower Upper
107 100
108 2375.2 92.3 138.5#
77 7404.4 38.6 57.8#
79 6928.3 37.0 55.6#



#18
Hexachloroethane
Concen: 0.049 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:117 Resp: 465
Ion Ratio Lower Upper
117 100
119 1051.8 76.9 115.3#
201 0.0 83.6 125.4#

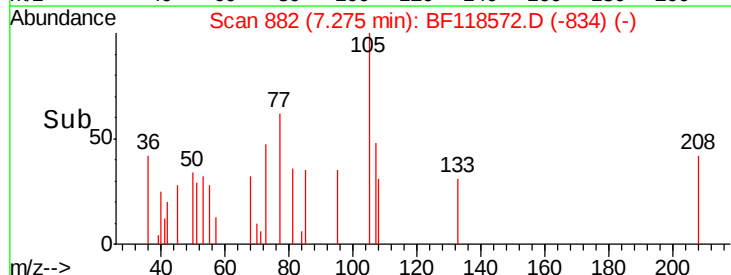
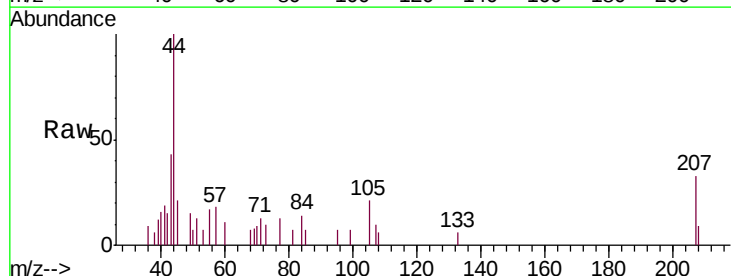
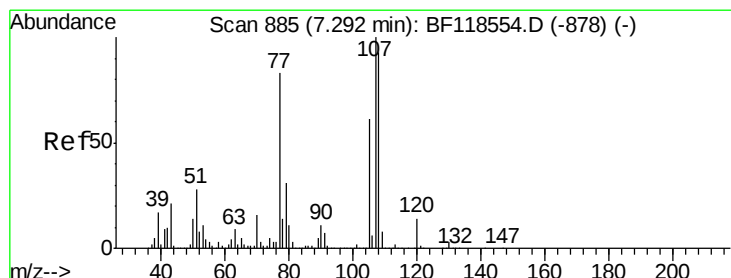
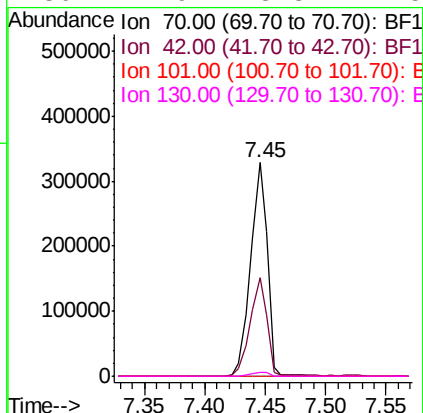




#19
n-Nitroso-di-n-propylamine
Concen: 17.809 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

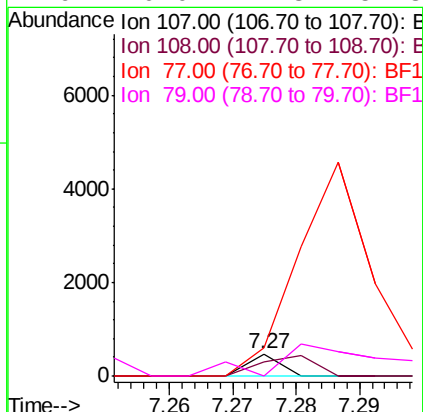
Instrument :
BNA_F
ClientSampleId :
SU-03-011520

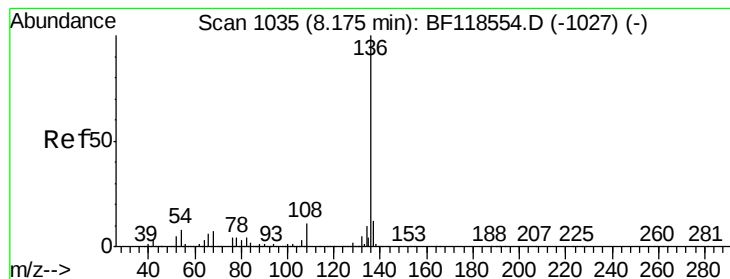
Tgt Ion:	70	Resp:	318482
Ion	Ratio	Lower	Upper
70	100		
42	46.3	43.6	65.4
101	0.0	7.7	11.5#
130	1.9	18.3	27.5#



#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:	107	Resp:	168
Ion	Ratio	Lower	Upper
107	100		
108	63.9	72.6	112.6#
77	128.9	63.0	103.0#
79	0.0	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: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

Tgt Ion:136 Resp: 1285782

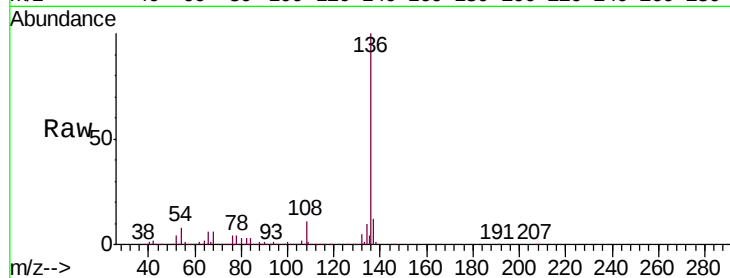
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.0

54 7.6 6.2 9.2

68 6.3 5.4 8.0



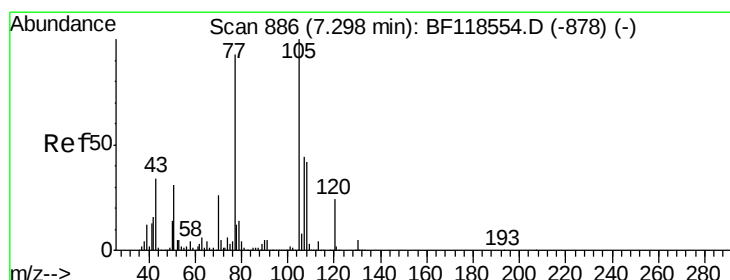
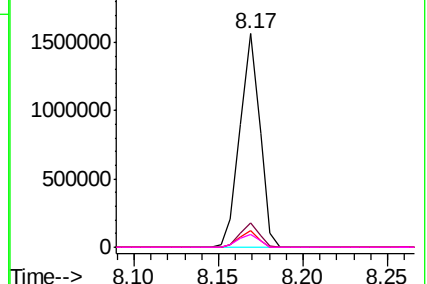
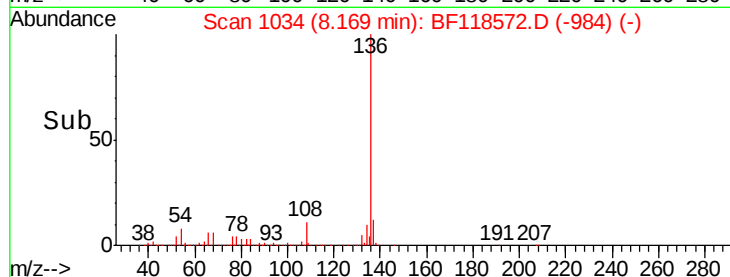
Abundance

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: 0.202 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Tgt Ion:105 Resp: 6308

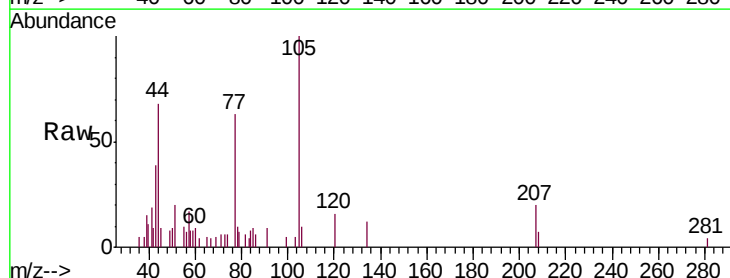
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.6#

51 19.9 24.9 37.3#

120 15.8 19.2 28.8#



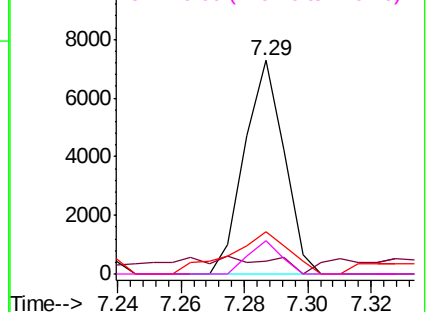
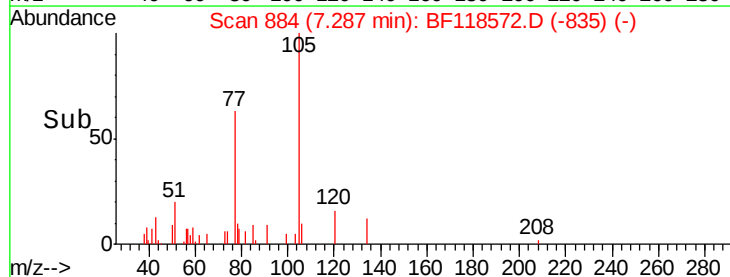
Abundance

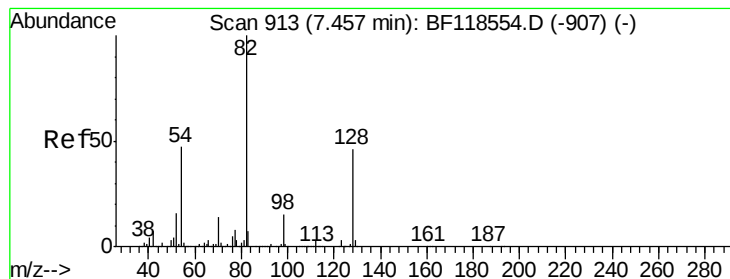
Ion 105.00 (104.70 to 105.70): E

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: 105.543 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

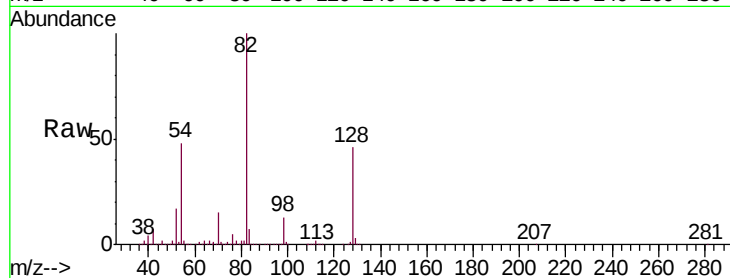
Tgt Ion: 82 Resp: 2197237

Ion Ratio Lower Upper

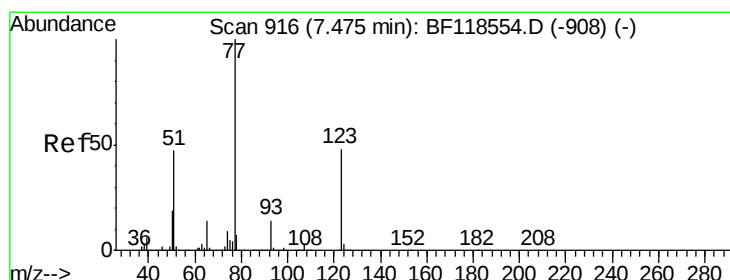
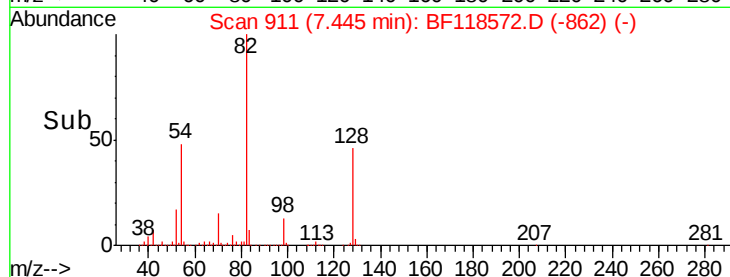
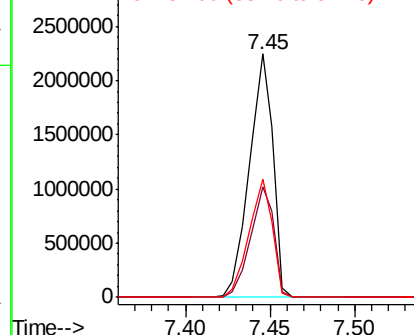
82 100

128 45.5 37.0 55.4

54 48.3 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: 0.405 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

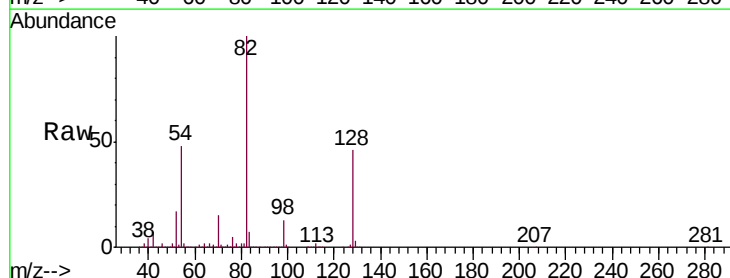
Tgt Ion: 77 Resp: 8975

Ion Ratio Lower Upper

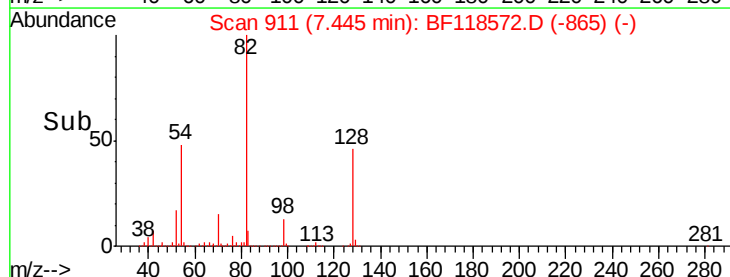
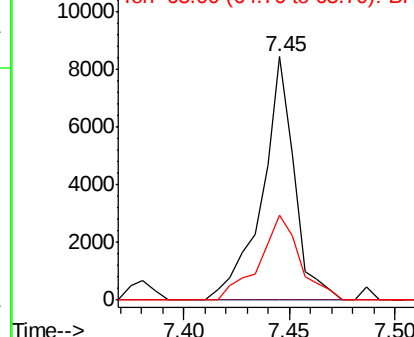
77 100

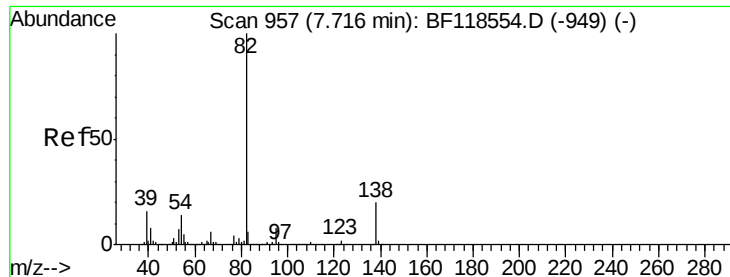
123 0.0 38.2 57.2#

65 34.9 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: 48.477 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

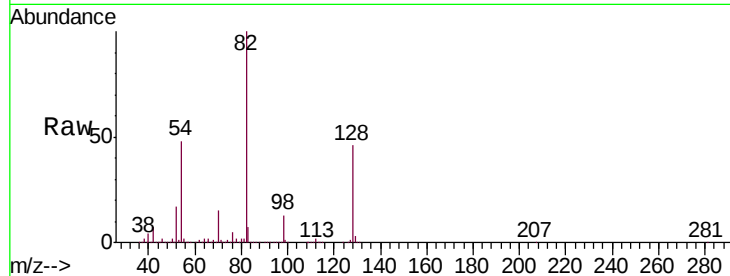
Tgt Ion: 82 Resp: 2190346

Ion Ratio Lower Upper

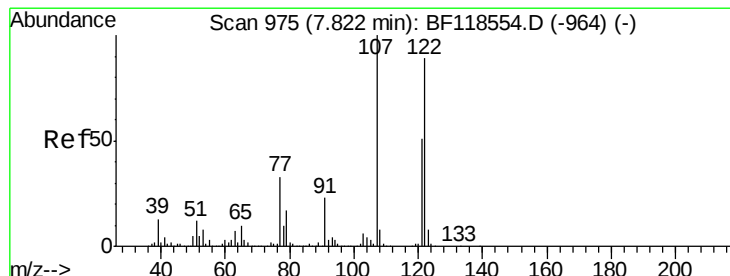
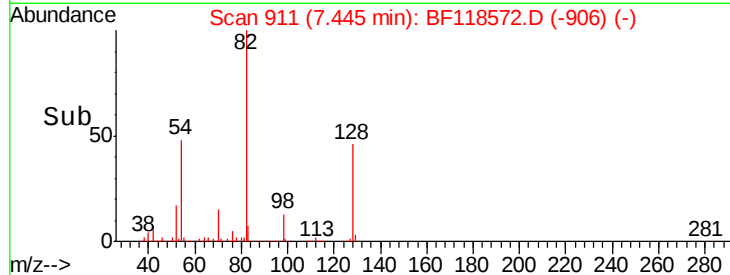
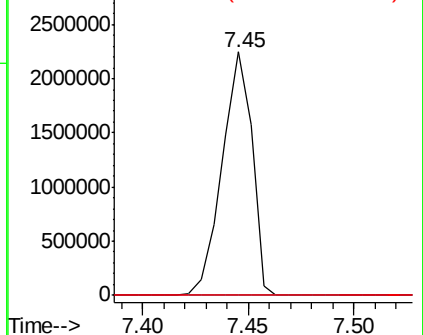
82 100

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): E



#27

2,4-Dimethylphenol

Concen: 0.098 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

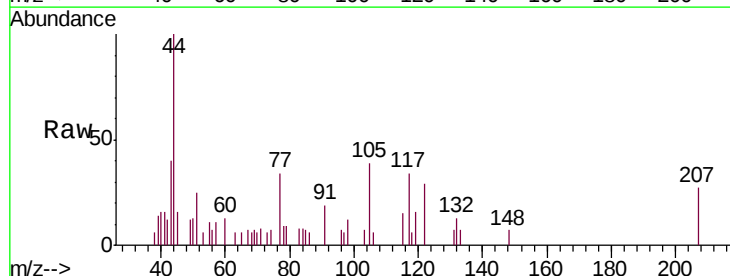
Tgt Ion: 122 Resp: 1767

Ion Ratio Lower Upper

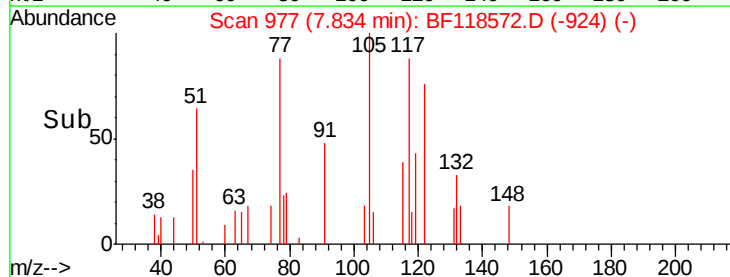
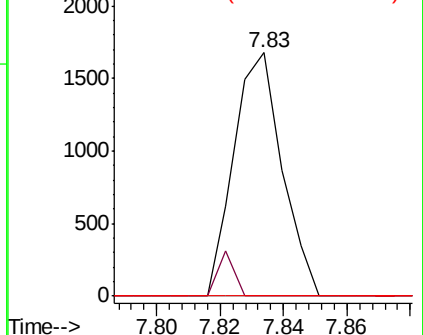
122 100

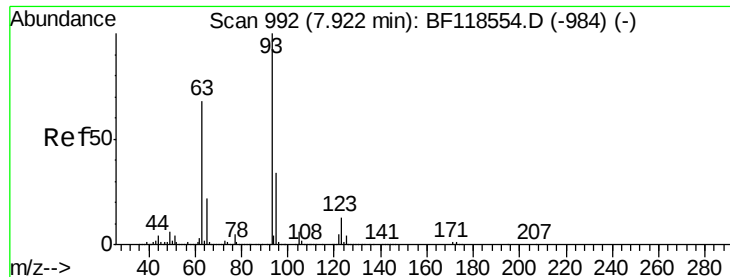
107 0.0 89.6 134.4#

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

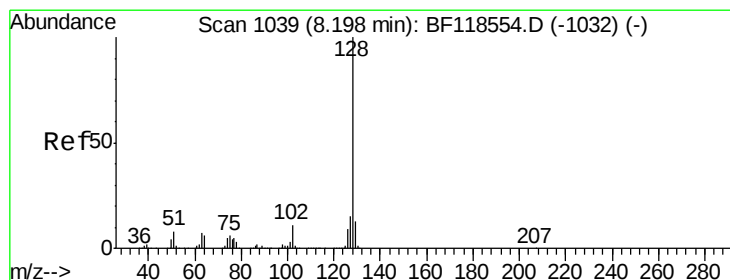
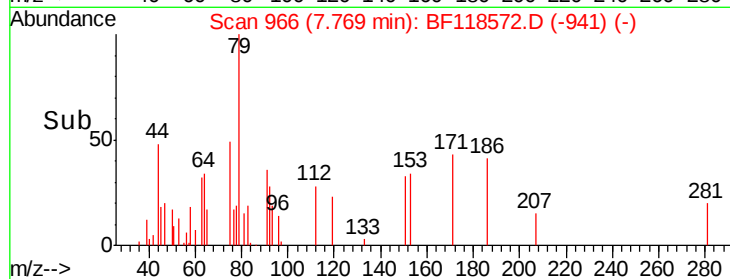
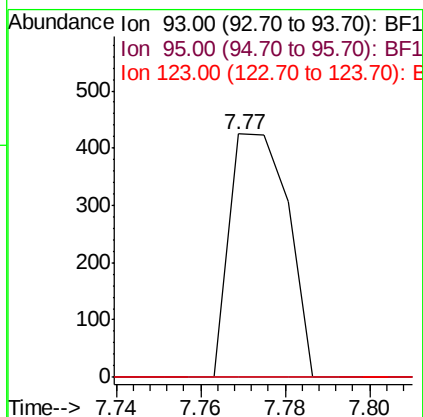
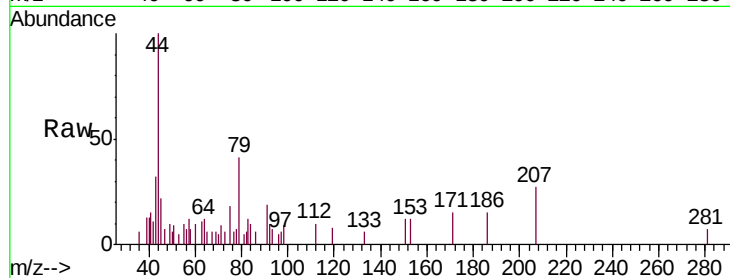




#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.15 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

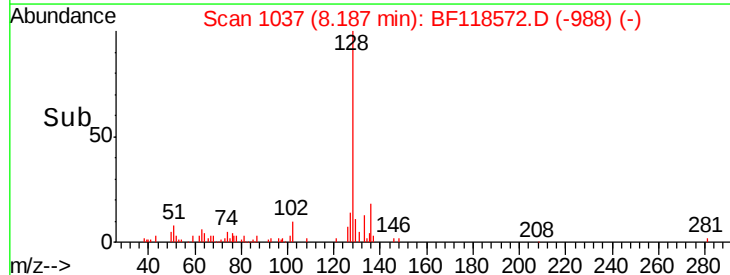
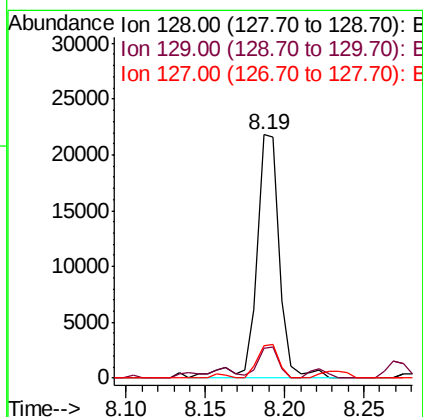
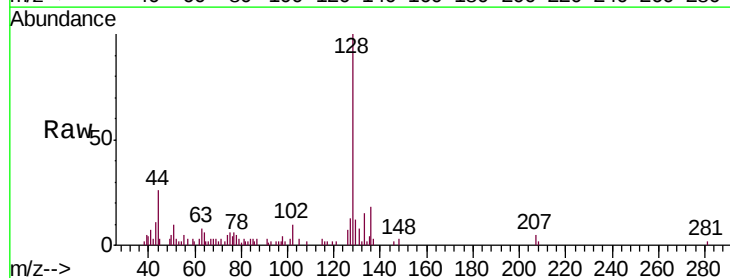
Instrument :
BNA_F
ClientSampleId :
SU-03-011520

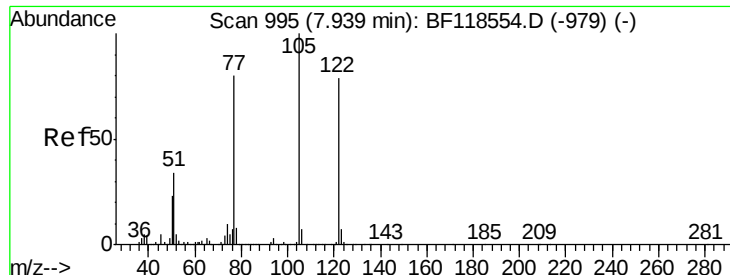
Tgt Ion: 93 Resp: 408
Ion Ratio Lower Upper
93 100
95 0.0 27.3 40.9#
123 0.0 10.2 15.4#



#31
Naphthalene
Concen: 0.365 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion: 128 Resp: 22114
Ion Ratio Lower Upper
128 100
129 12.2 10.3 15.5
127 13.4 12.1 18.1

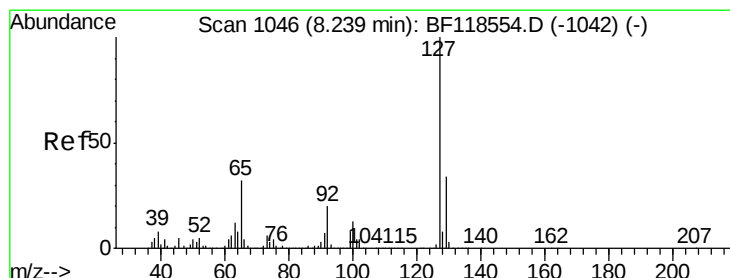
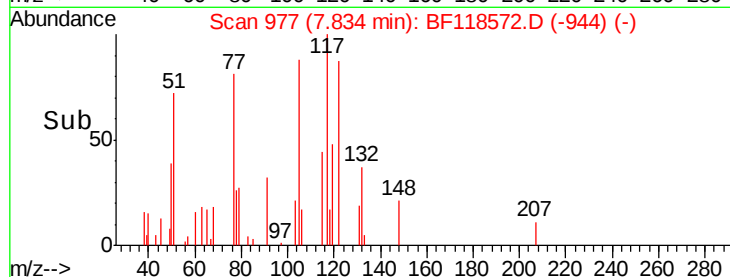
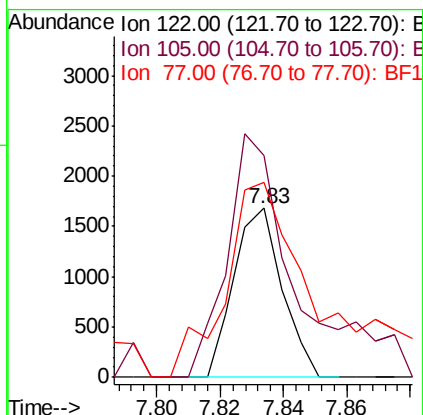
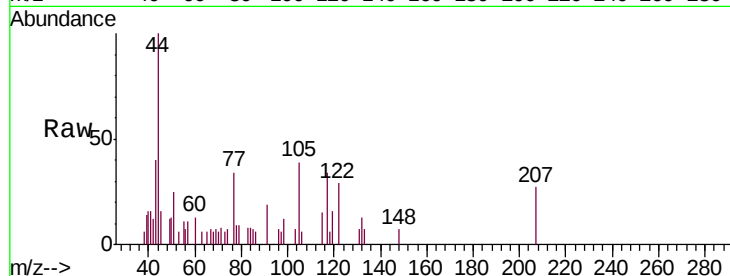




#32
Benzoic acid
Concen: 7.974 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.11 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

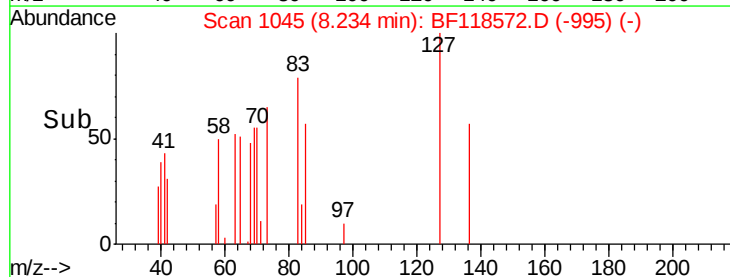
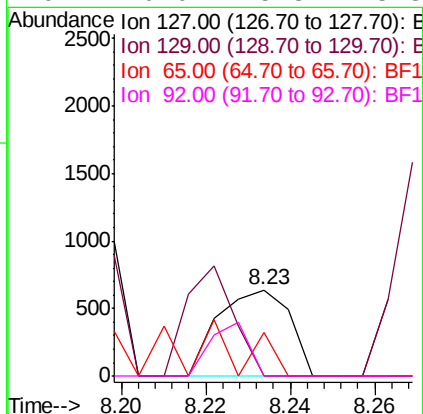
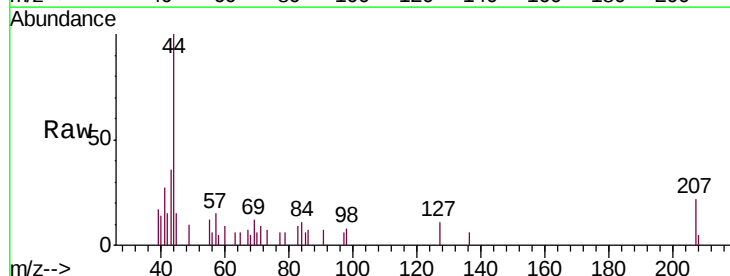
Instrument :
BNA_F
ClientSampleId :
SU-03-011520

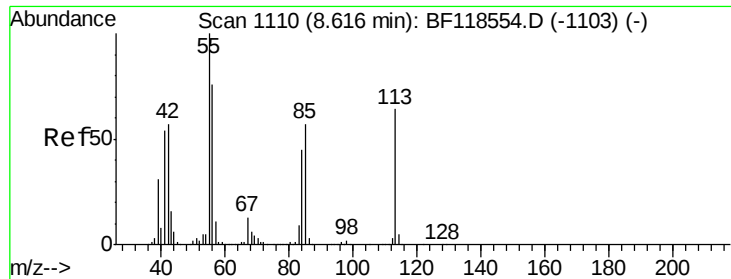
Tgt Ion:122 Resp: 1767
Ion Ratio Lower Upper
122 100
105 131.3 105.0 145.0
77 115.4 80.7 120.7



#33
4-Chloroaniline
Concen: 0.027 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:127 Resp: 750
Ion Ratio Lower Upper
127 100
129 0.0 27.0 40.4#
65 51.3 25.8 38.8#
92 0.0 15.8 23.8#

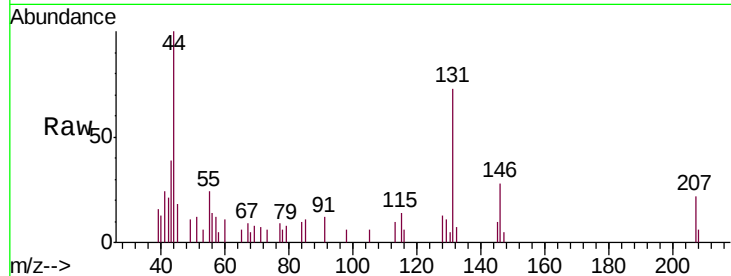




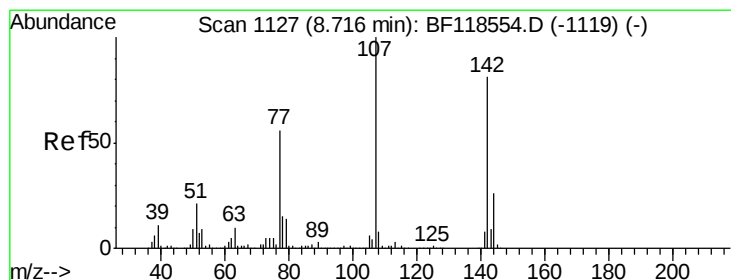
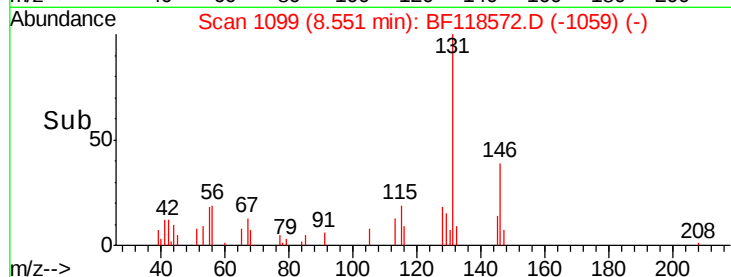
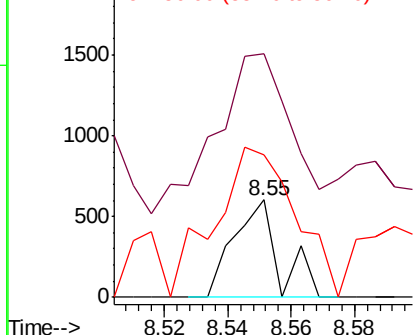
#35
 Caprolactam
 Concen: 0.097 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.06 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-011520

Tgt Ion:113 Resp: 596
 Ion Ratio Lower Upper
 113 100
 55 249.5 137.3 177.3#
 56 146.2 99.7 139.7#

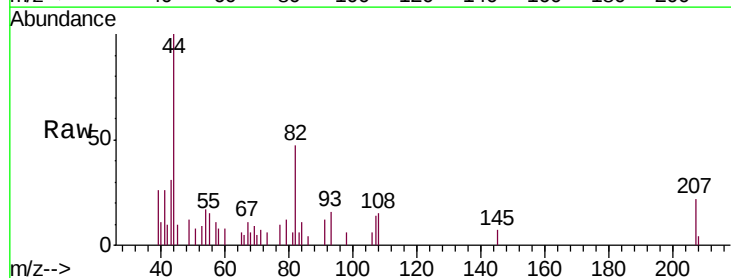


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

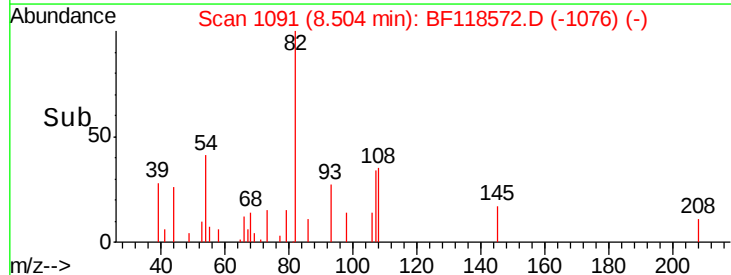
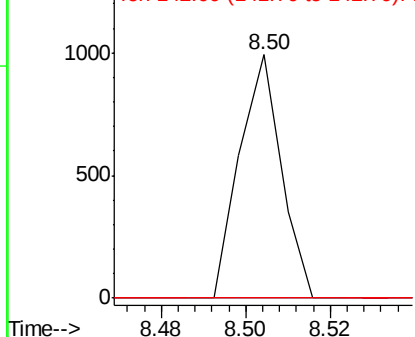


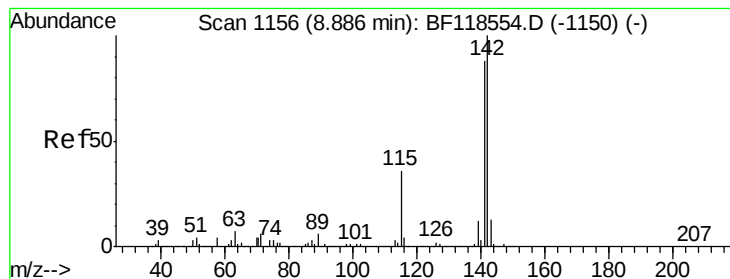
#36
 4-Chloro-3-methylphenol
 Concen: 0.035 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.21 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Tgt Ion:107 Resp: 679
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.2 31.8#
 142 0.0 64.4 96.6#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.282 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

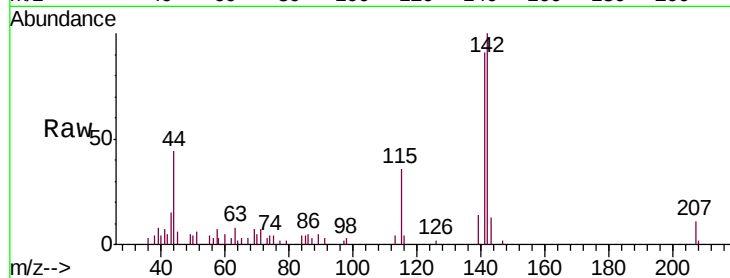
Tgt Ion:142 Resp: 12098

Ion Ratio Lower Upper

142 100

141 90.7 70.6 106.0

115 35.7 29.0 43.4

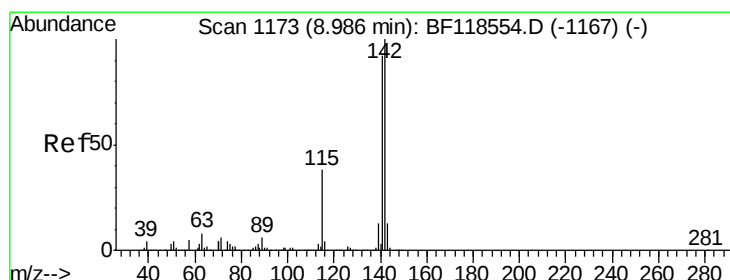
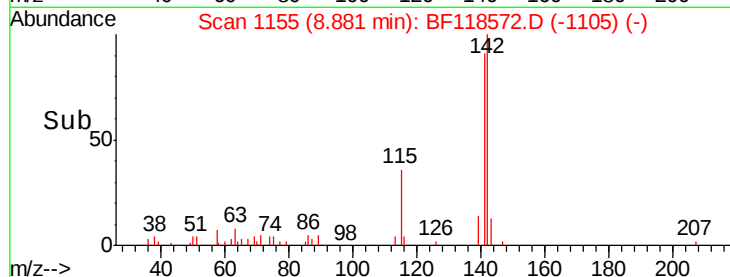
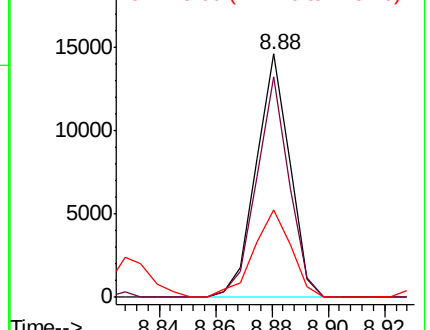


Abundance

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: 0.200 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

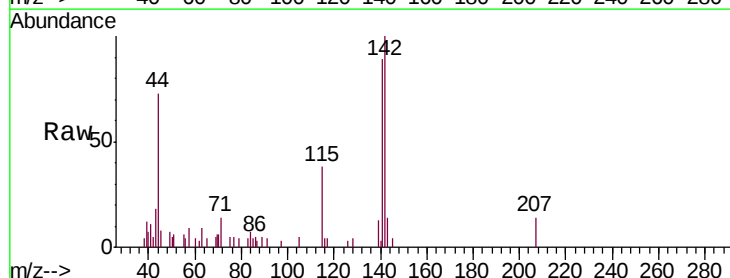
Tgt Ion:142 Resp: 8130

Ion Ratio Lower Upper

142 100

141 89.2 73.8 110.6

116 4.0 3.3 4.9

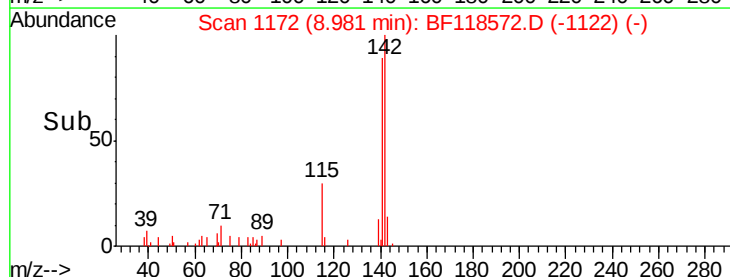
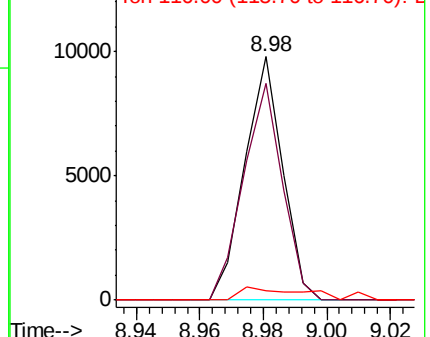


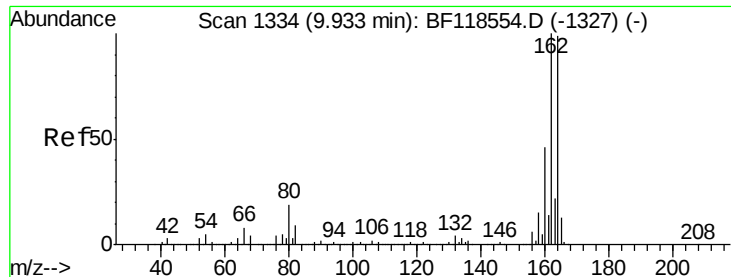
Abundance

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

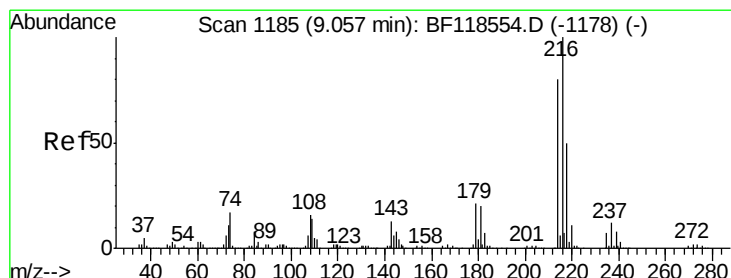
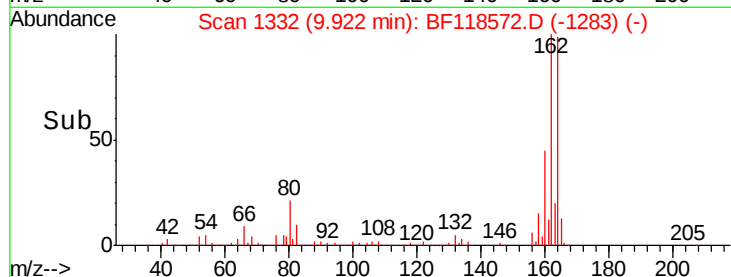
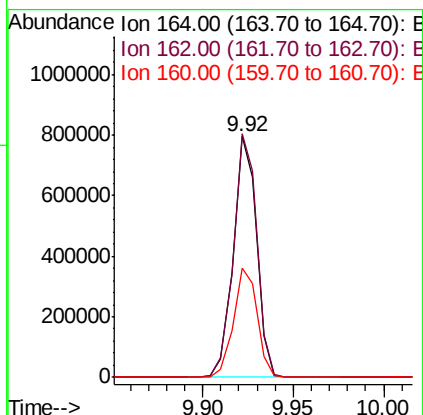
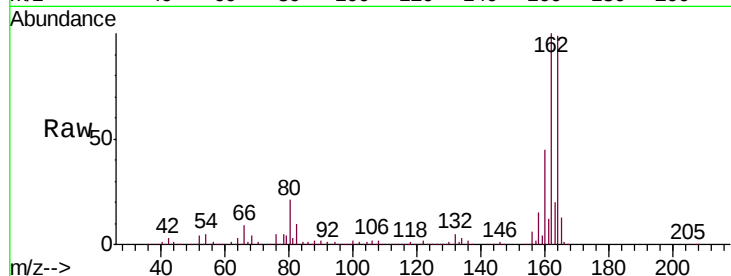




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

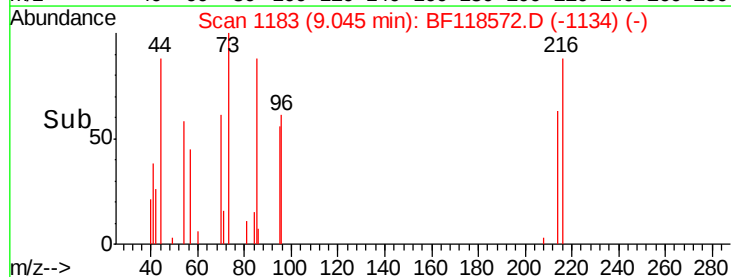
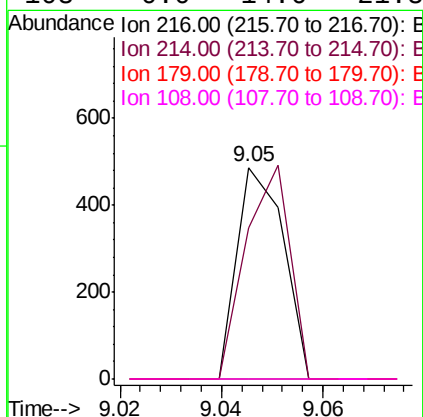
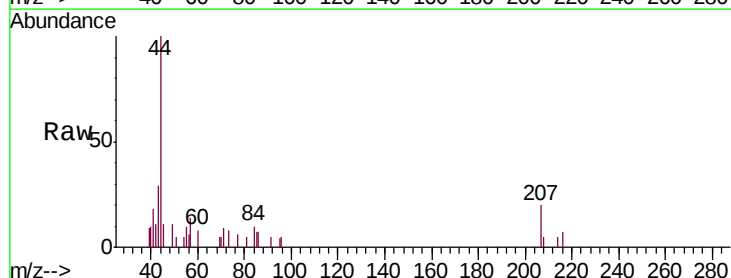
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-011520

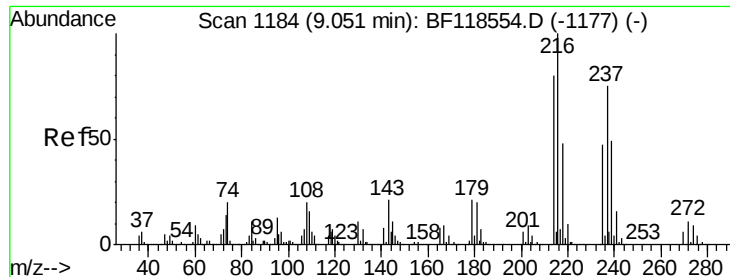
Tgt Ion:164 Resp: 711996
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 120.8
 160 45.2 36.7 55.1



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.014 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Tgt Ion:216 Resp: 312
 Ion Ratio Lower Upper
 216 100
 214 94.9 63.6 95.4
 179 0.0 16.5 24.7#
 108 0.0 14.6 21.8#





#41

Hexachlorocyclopentadiene

Concen: 0.010 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

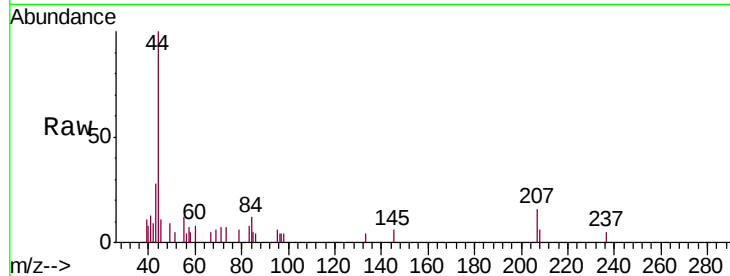
Instrument :

BNA_F

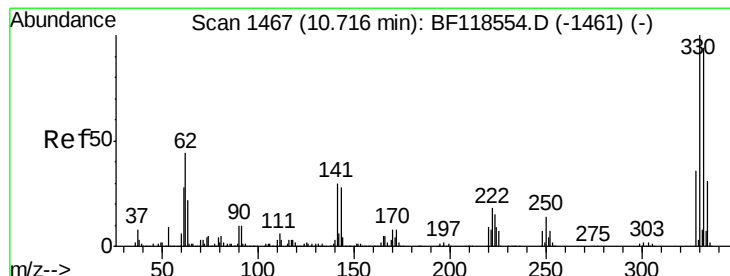
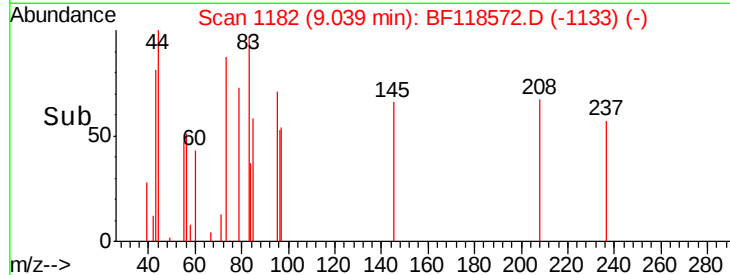
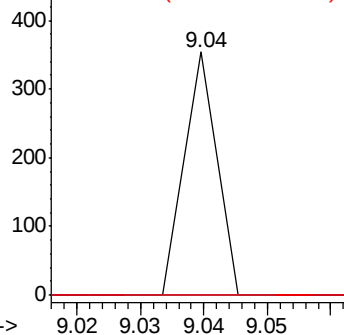
ClientSampleId :

SU-03-011520

Tgt Ion:	237	Resp:	125
Ion Ratio	Lower	Upper	
237	100		
235	0.0	42.1	82.1#
272	0.0	0.0	34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 157.191 ng

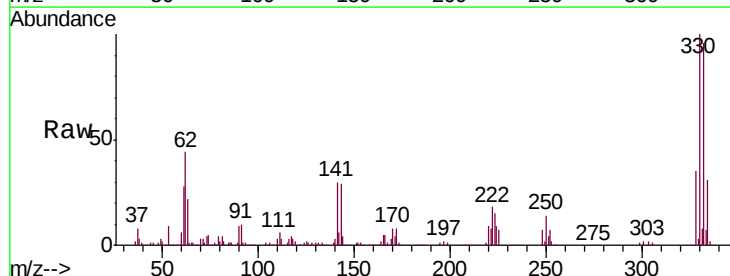
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

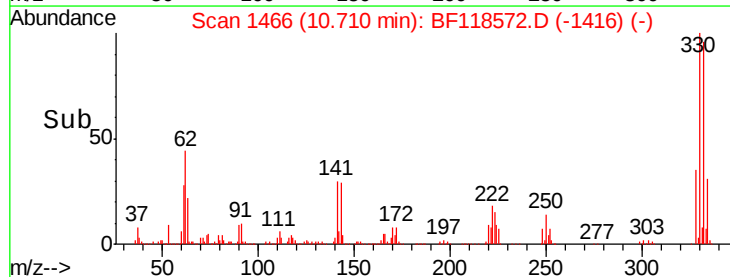
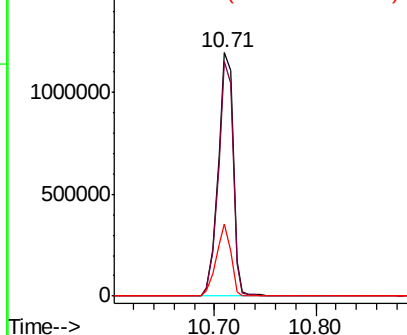
Lab File: BF118572.D

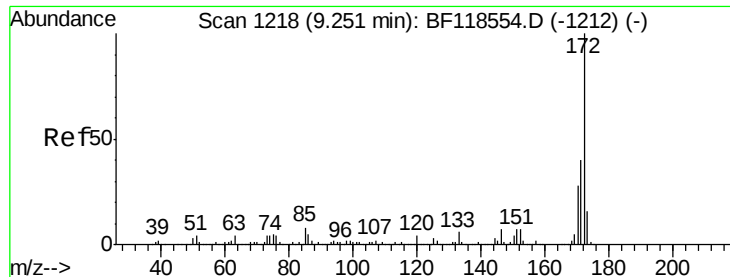
Acq: 17 Jan 2020 21:50

Tgt Ion:	330	Resp:	1237248
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.4	114.6
141	28.9	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

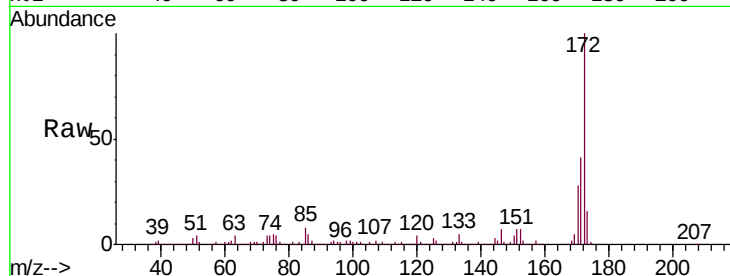




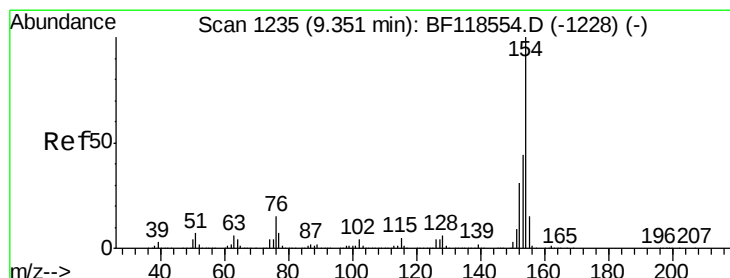
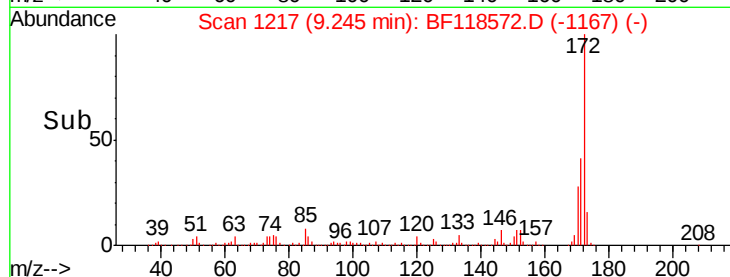
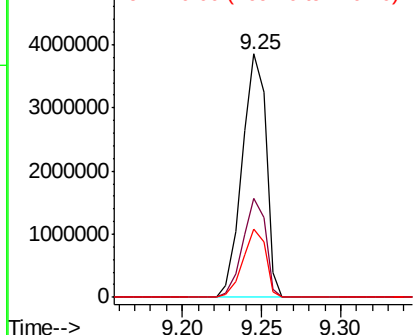
#45
2-Fluorobiphenyl
Concen: 102.015 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tgt Ion:172 Resp: 4023394
Ion Ratio Lower Upper
172 100
171 40.9 32.4 48.6
170 27.8 22.5 33.7

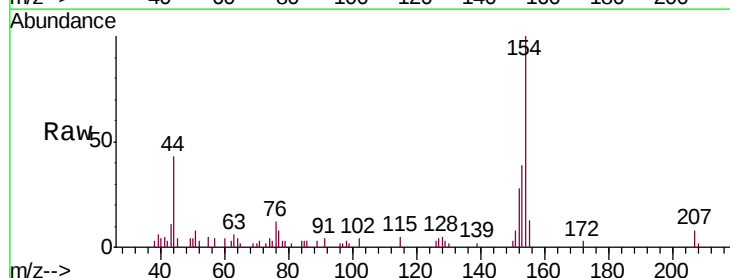


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

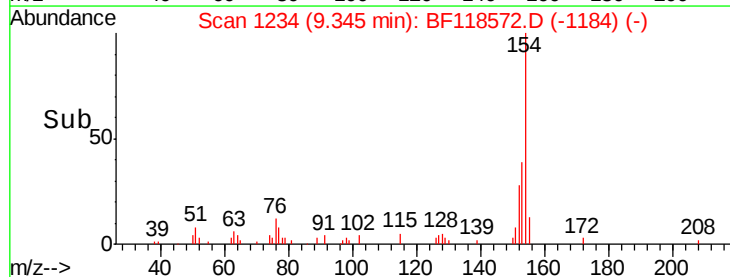
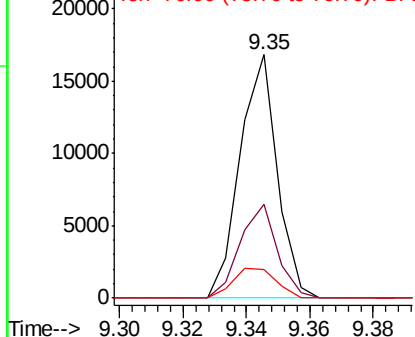


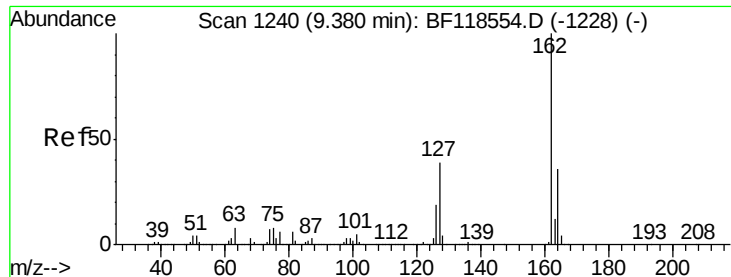
#46
1,1'-Biphenyl
Concen: 0.268 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:154 Resp: 13638
Ion Ratio Lower Upper
154 100
153 38.7 23.7 63.7
76 11.9 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

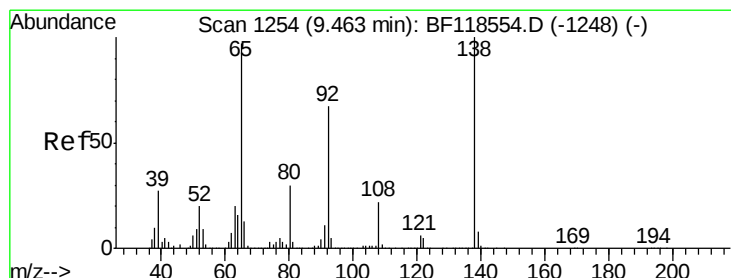
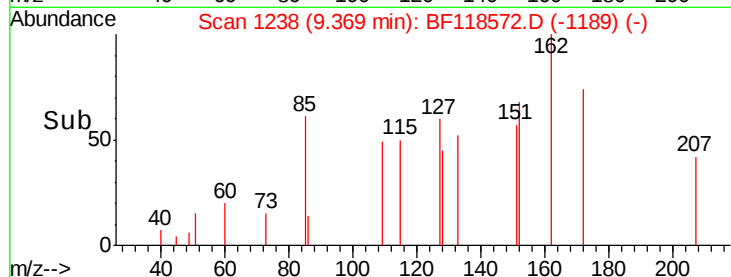
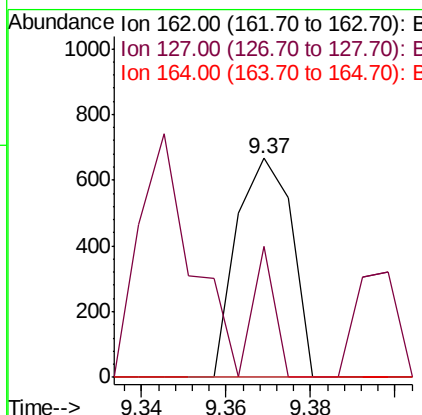
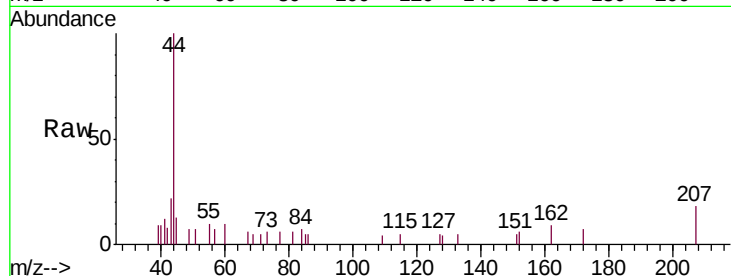




#47
 2-Chloronaphthalene
 Concen: 0.014 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

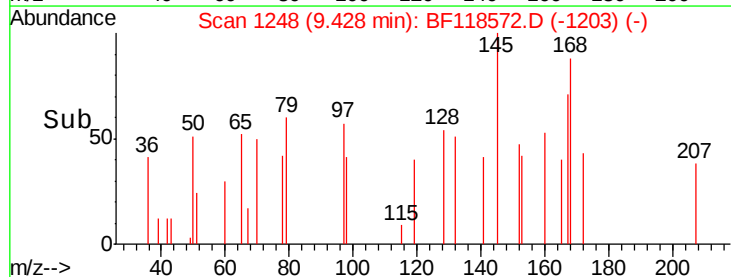
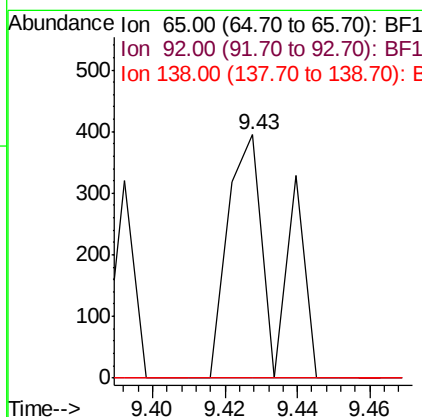
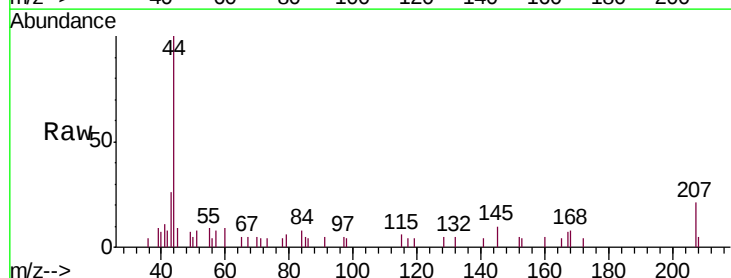
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-011520

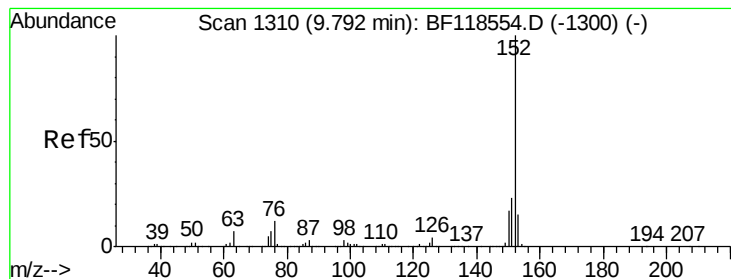
Tgt Ion: 162 Resp: 605
 Ion Ratio Lower Upper
 162 100
 127 59.8 31.0 46.4#
 164 0.0 28.6 42.8#



#48
 2-Nitroaniline
 Concen: 0.033 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.04 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Tgt Ion: 65 Resp: 367
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.3 82.9#
 138 0.0 82.9 124.3#





#49

Acenaphthylene

Concen: 0.015 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

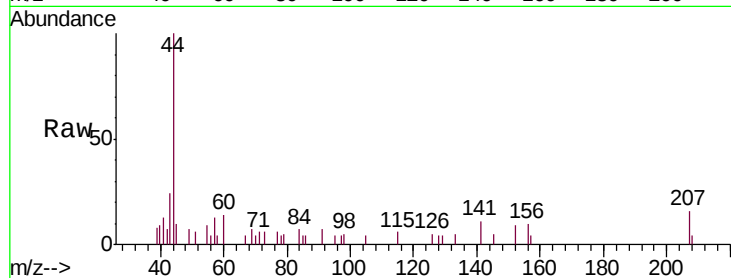
Tgt Ion:152 Resp: 892

Ion Ratio Lower Upper

152 100

151 0.0 18.6 27.8#

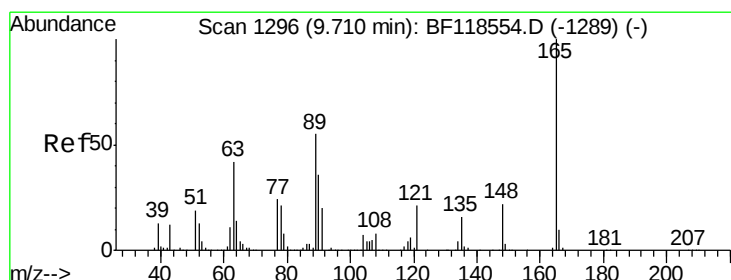
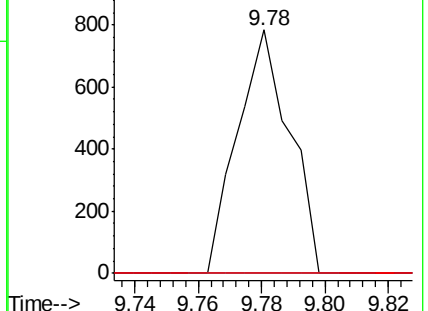
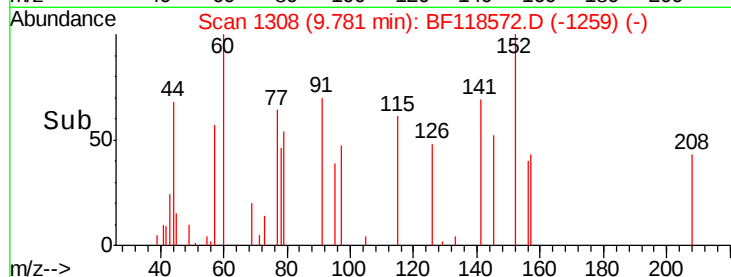
153 0.0 12.3 18.5#



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



#51

2,6-Dinitrotoluene

Concen: 9.998 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

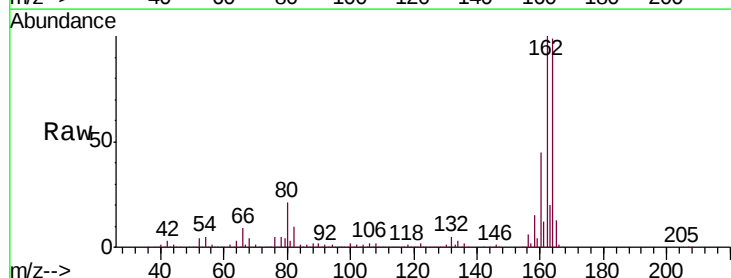
Tgt Ion:165 Resp: 93252

Ion Ratio Lower Upper

165 100

63 1.2 41.9 62.9#

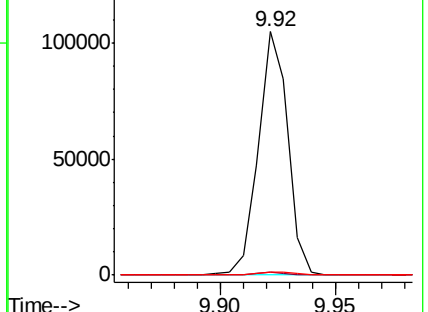
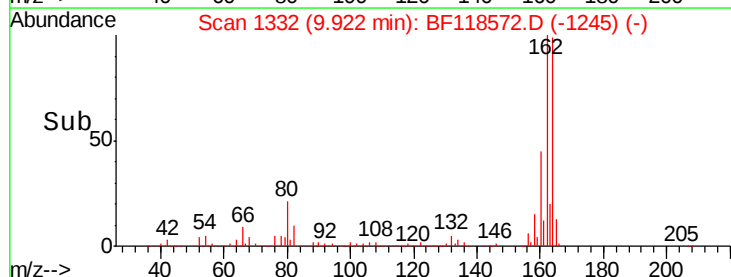
89 1.3 44.0 66.0#

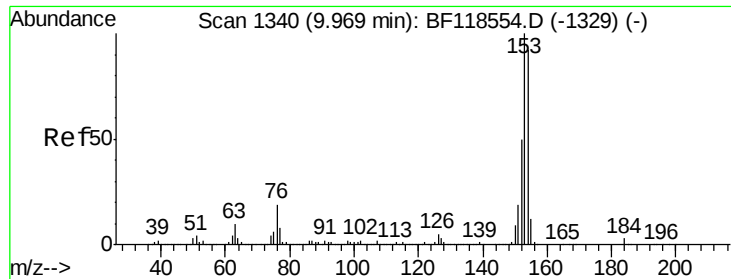


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.043 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

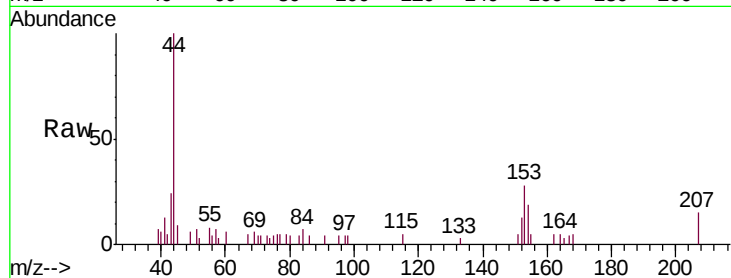
Tgt Ion:154 Resp: 1723

Ion Ratio Lower Upper

154 100

153 147.6 87.0 130.4#

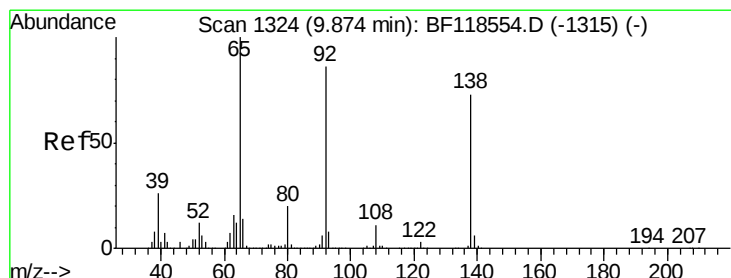
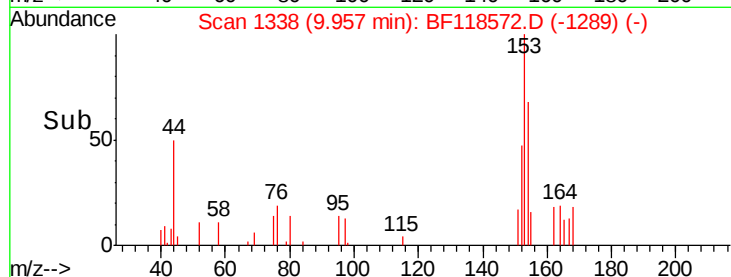
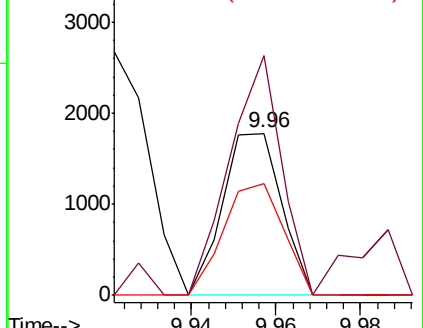
152 68.8 43.8 65.8#



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: 0.037 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.25 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

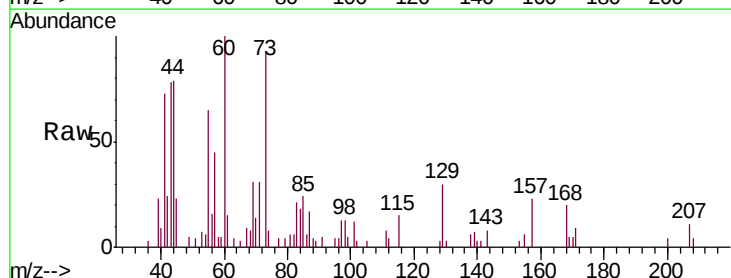
Tgt Ion:138 Resp: 386

Ion Ratio Lower Upper

138 100

108 0.0 12.2 18.4#

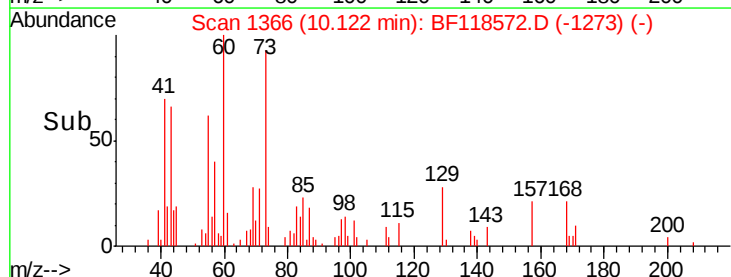
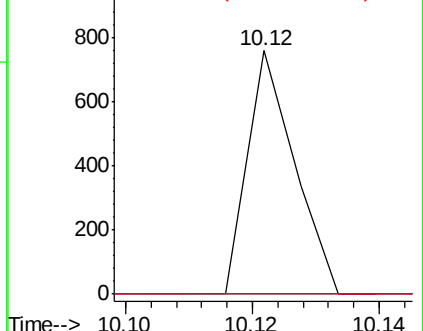
92 0.0 94.2 141.2#

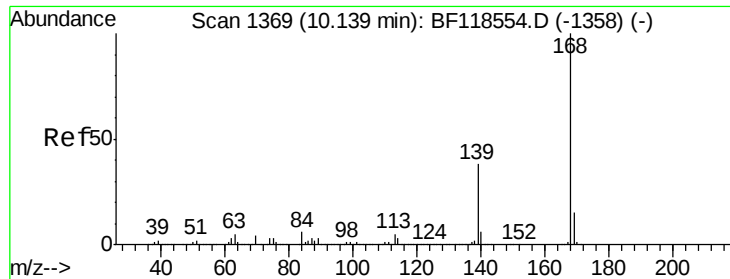


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#55

Dibenzofuran

Concen: 0.047 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

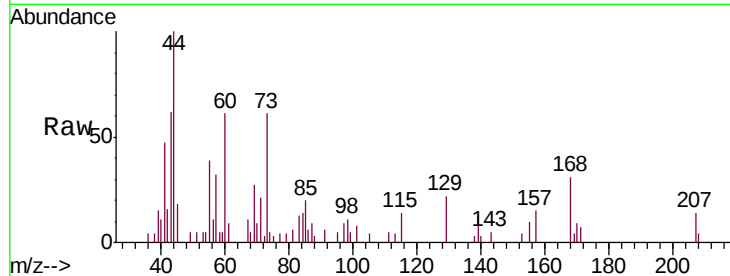
Tgt Ion:168 Resp: 2656

Ion Ratio Lower Upper

168 100

139 38.9 30.6 46.0

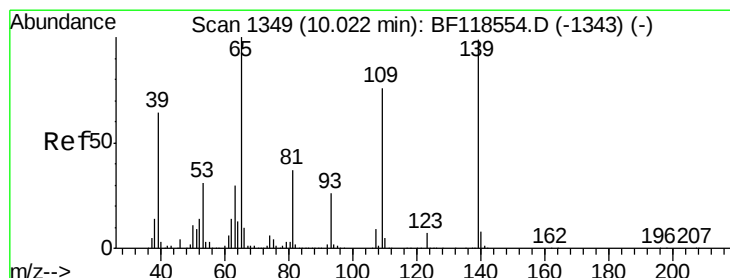
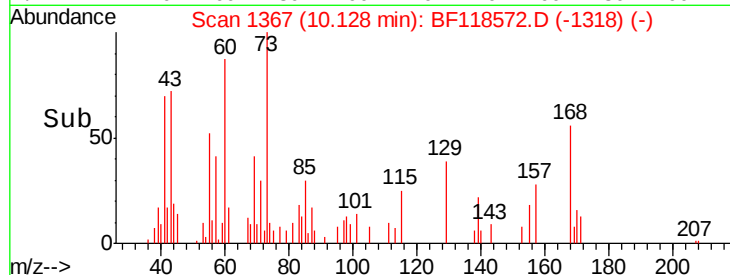
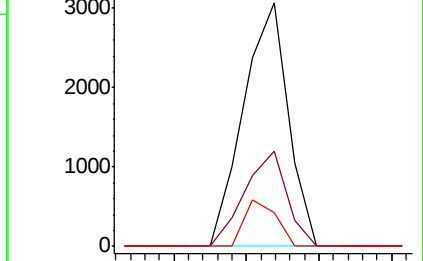
169 14.1 11.9 17.9



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: 0.126 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.11 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

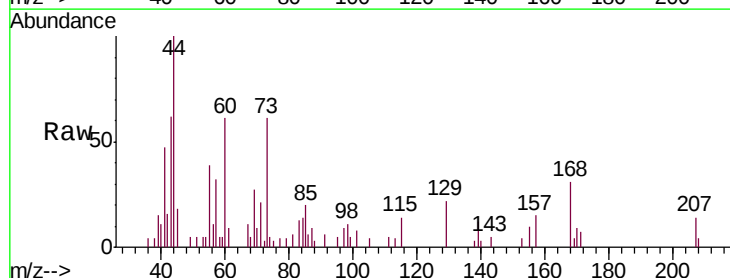
Tgt Ion:139 Resp: 983

Ion Ratio Lower Upper

139 100

109 0.0 56.9 96.9#

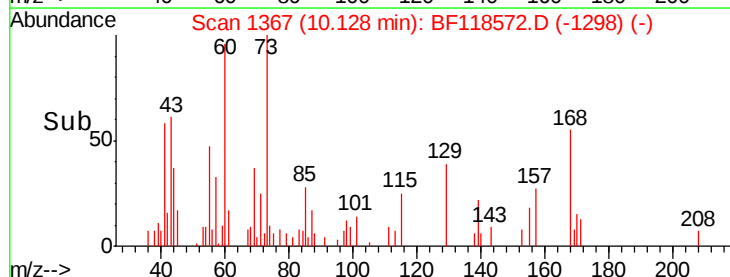
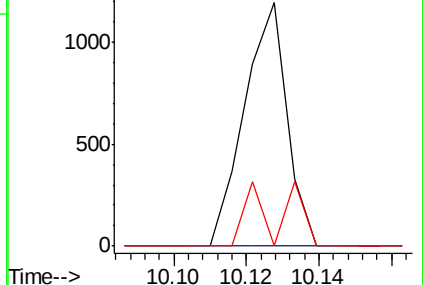
65 0.0 81.7 121.7#

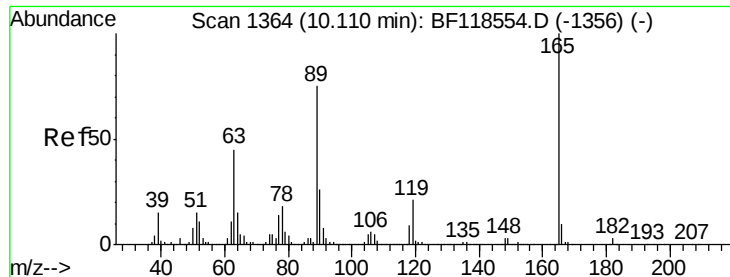


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

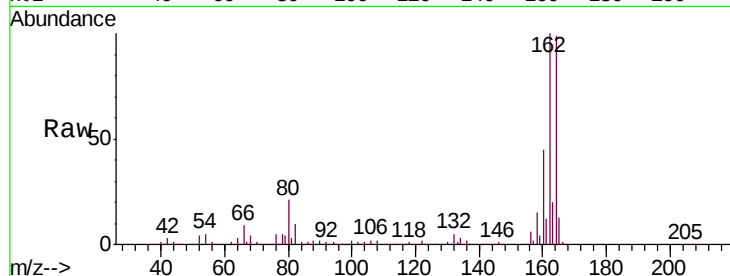




#57
2,4-Dinitrotoluene
Concen: 11.828 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.8	53.6#
89	1.3	59.9	89.9#
182	0.0	2.2	3.2#



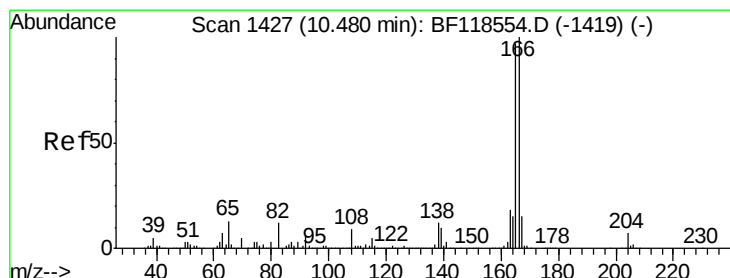
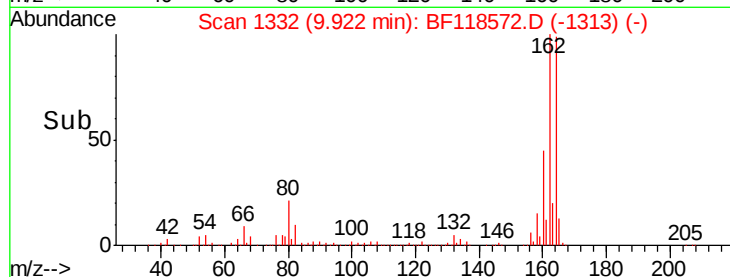
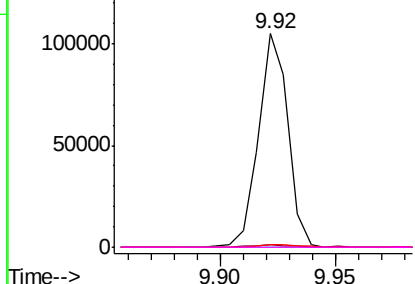
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

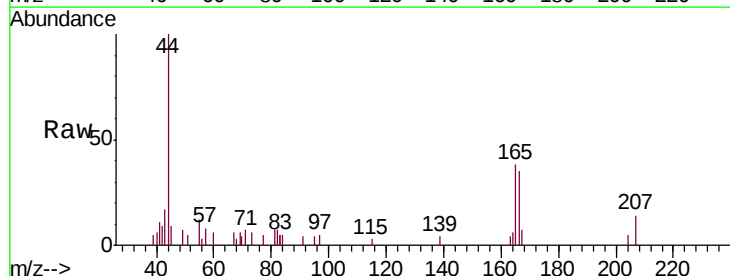
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.068 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.0	77.8	116.8
167	19.3	11.7	17.5#

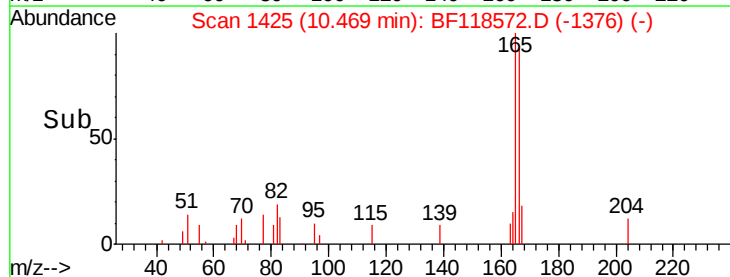
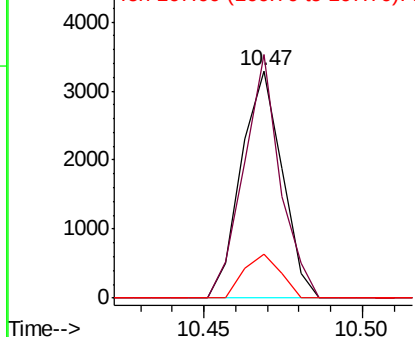


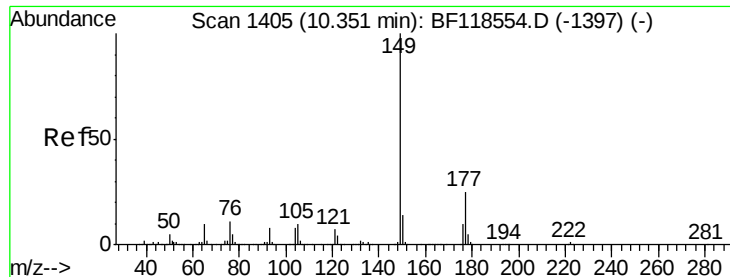
Abundance

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

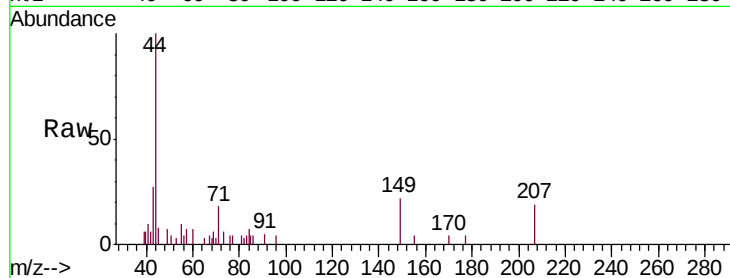




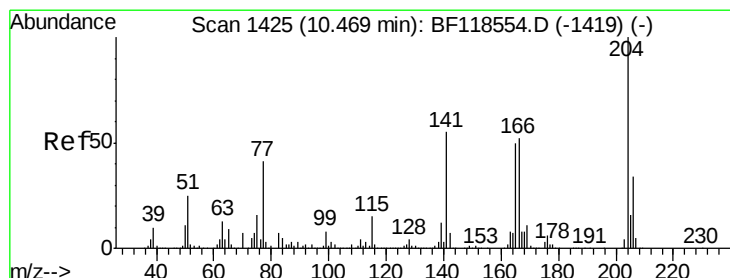
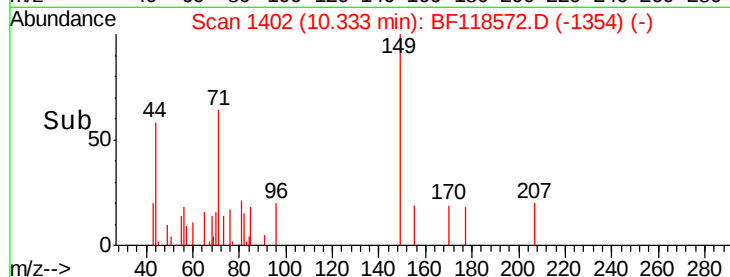
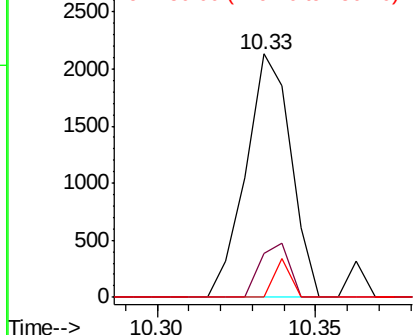
#60
Diethylphthalate
Concen: 0.044 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tgt Ion:149 Resp: 2098
Ion Ratio Lower Upper
149 100
177 17.9 20.2 30.4#
150 0.0 11.0 16.4#

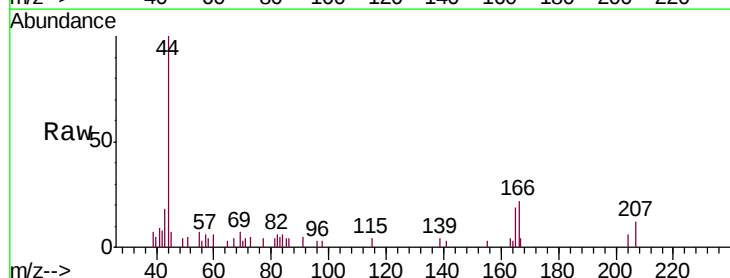


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

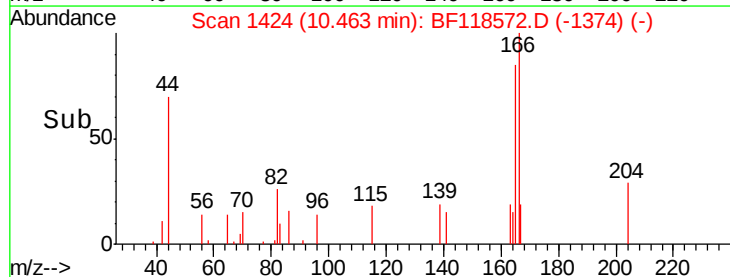
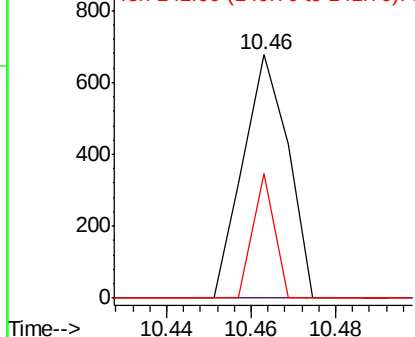


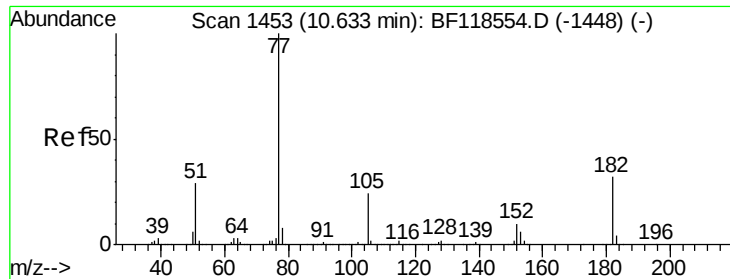
#61
4-Chlorophenyl-phenylether
Concen: 0.021 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:204 Resp: 503
Ion Ratio Lower Upper
204 100
206 0.0 27.1 40.7#
141 51.4 44.4 66.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#63

Azobenzene

Concen: 0.047 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

Tgt Ion: 77 Resp: 2206

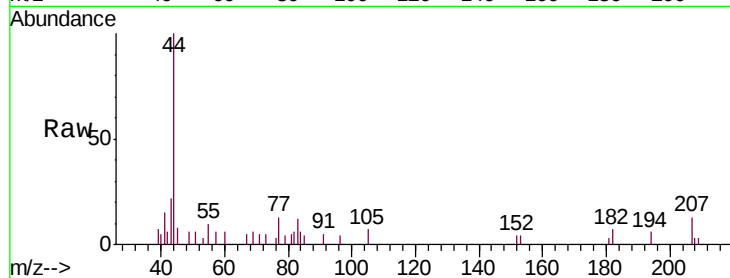
Ion Ratio Lower Upper

77 100

182 51.6 11.7 51.7

105 51.7 3.6 43.6#

51 44.0 9.0 49.0

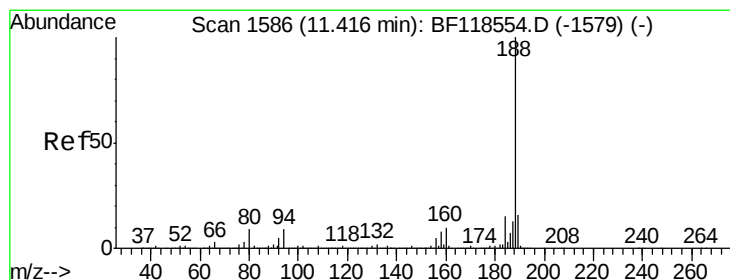
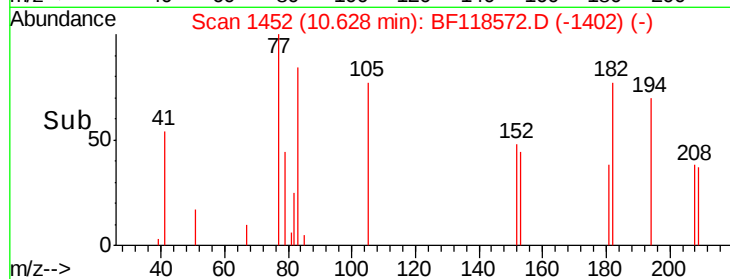
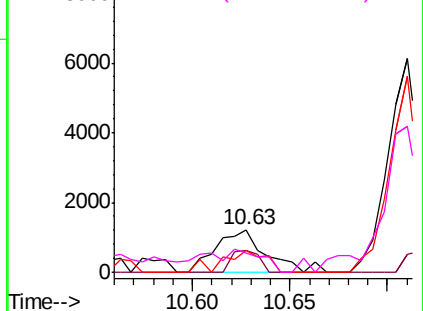


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF118572.D

Acq: 17 Jan 2020 21:50

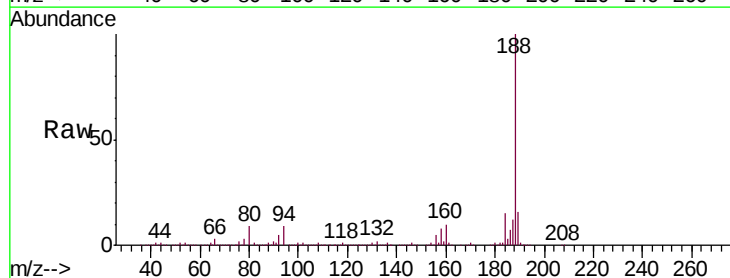
Tgt Ion: 188 Resp: 1340250

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

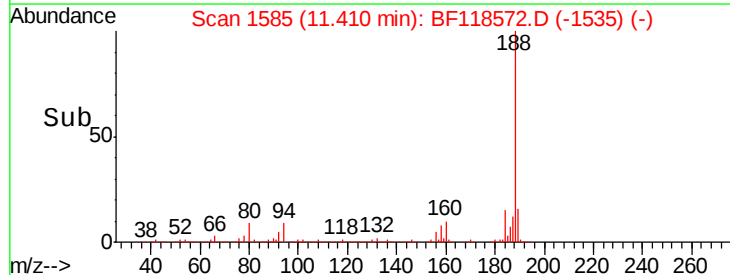
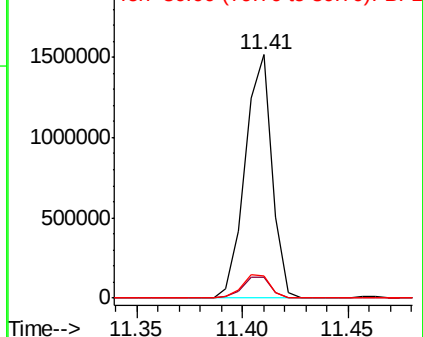
80 9.2 7.4 11.2

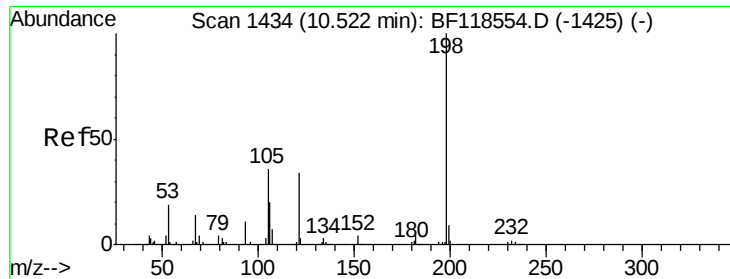


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

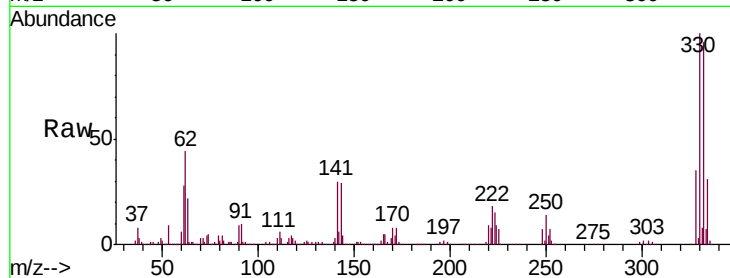




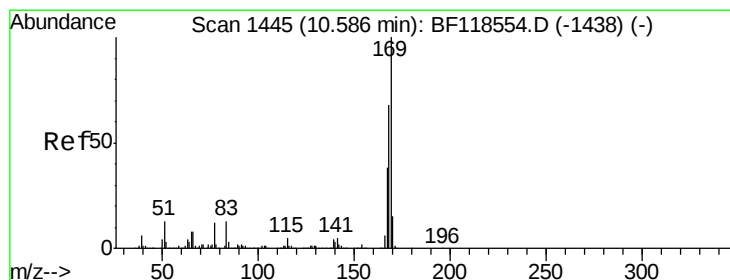
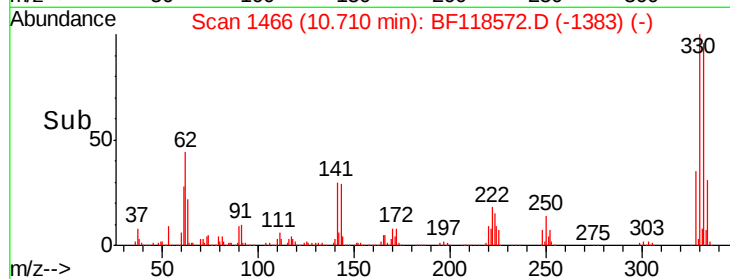
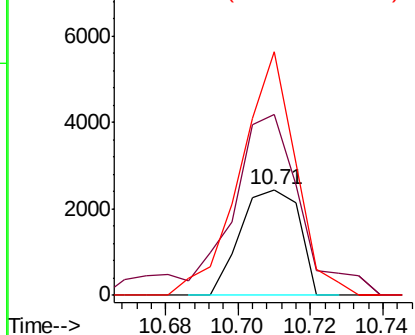
#65
4,6-Dinitro-2-methylphenol
Concen: 10.127 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tgt Ion:198 Resp: 2750
Ion Ratio Lower Upper
198 100
51 170.9 13.2 53.2#
105 230.0 17.2 57.2#

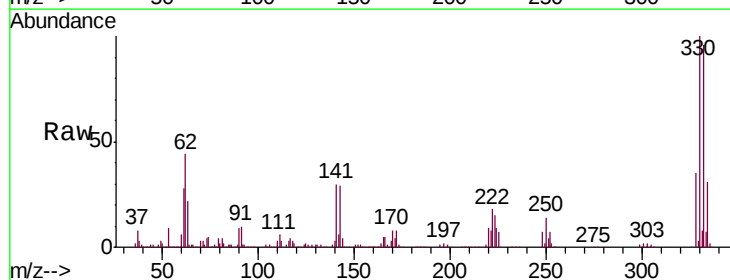


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

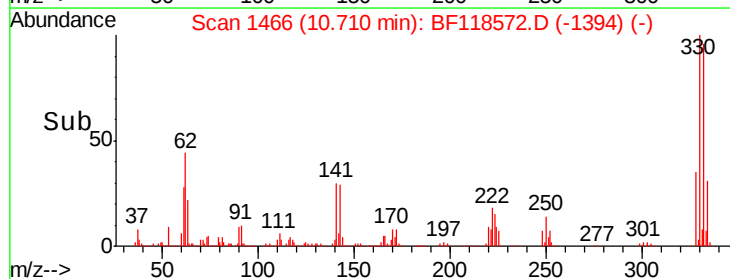
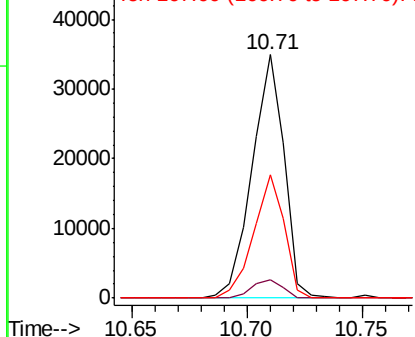


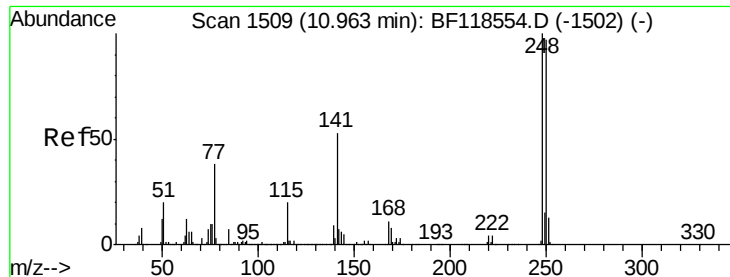
#66
n-Nitrosodiphenylamine
Concen: 0.787 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:169 Resp: 33887
Ion Ratio Lower Upper
169 100
168 7.3 54.2 81.4#
167 50.8 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

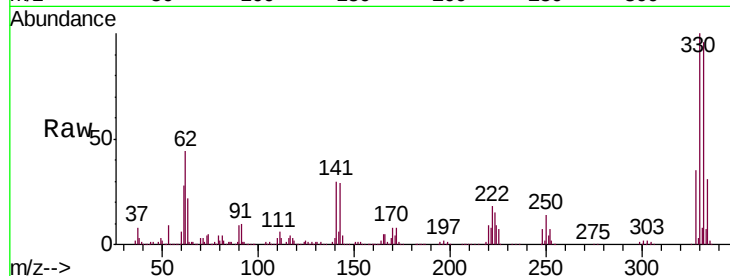




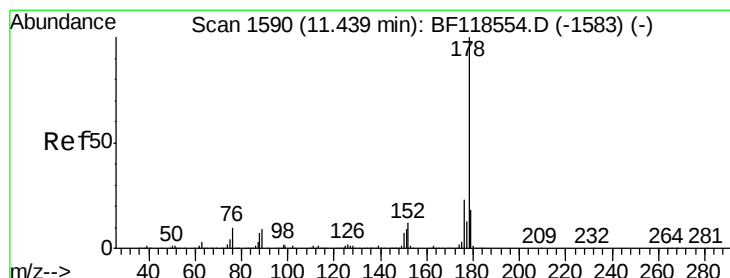
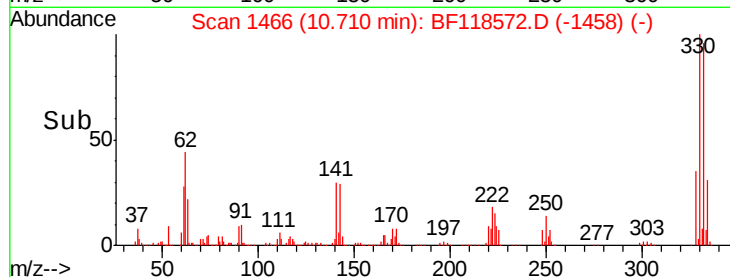
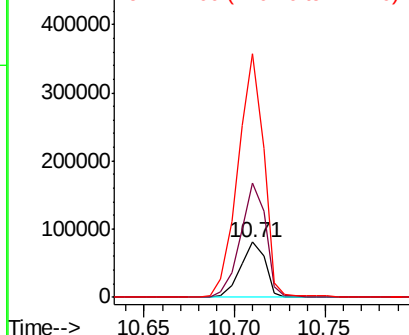
#67
 4-Bromophenyl-phenylether
 Concen: 4.339 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-011520

Tgt Ion:248 Resp: 77844
 Ion Ratio Lower Upper
 248 100
 250 207.4 77.8 116.8#
 141 443.7 42.7 64.1#

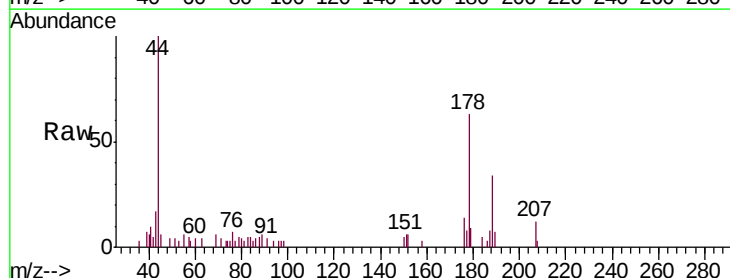


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

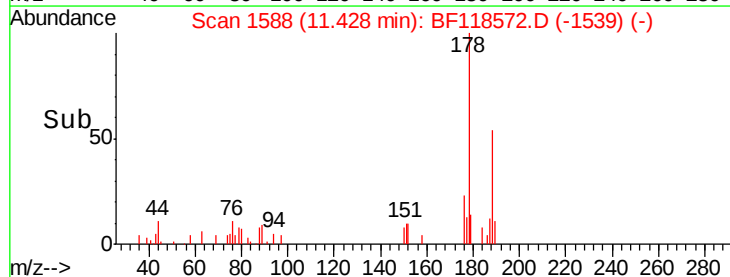
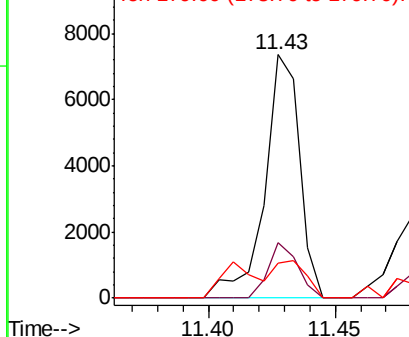


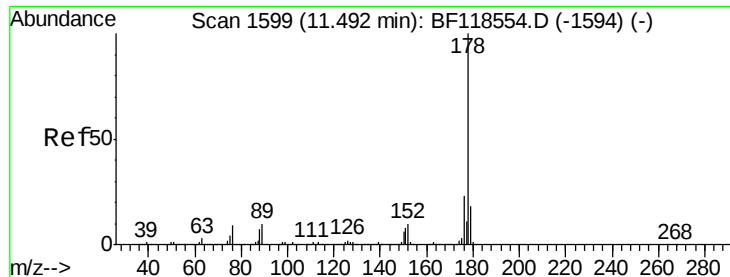
#71
 Phenanthrene
 Concen: 0.106 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Tgt Ion:178 Resp: 7128
 Ion Ratio Lower Upper
 178 100
 176 22.7 18.6 28.0
 179 14.1 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: 0.036 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

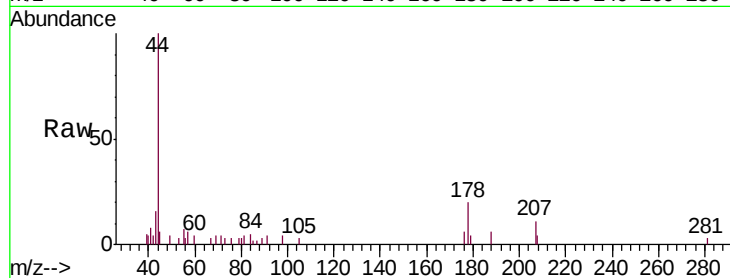
Tgt Ion:178 Resp: 2436

Ion Ratio Lower Upper

178 100

176 30.6 18.1 27.1#

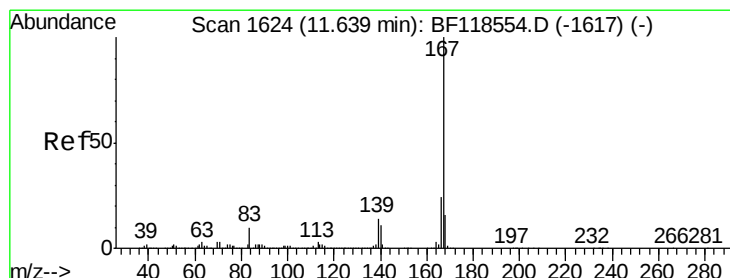
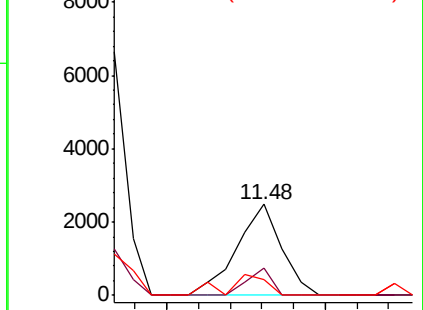
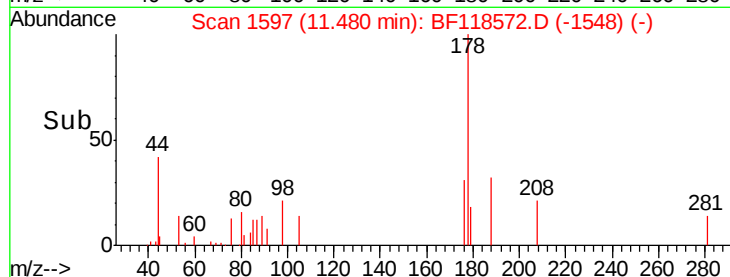
179 17.8 14.7 22.1



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: 0.045 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

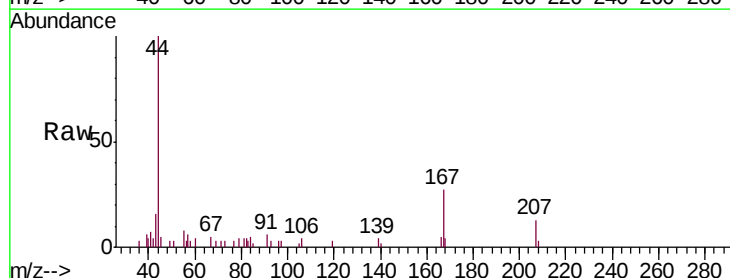
Tgt Ion:167 Resp: 2728

Ion Ratio Lower Upper

167 100

166 20.0 19.5 29.3

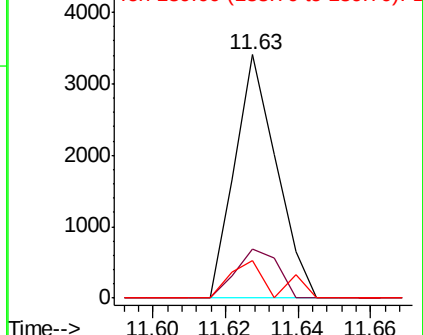
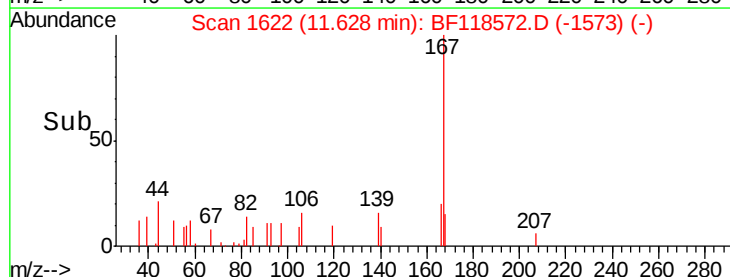
139 15.6 11.5 17.3

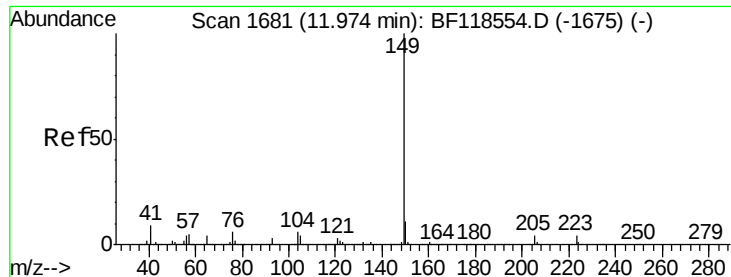


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

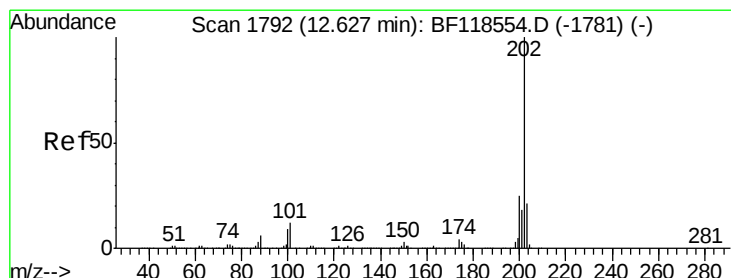
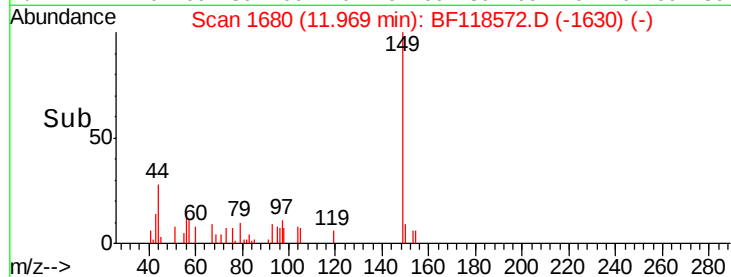
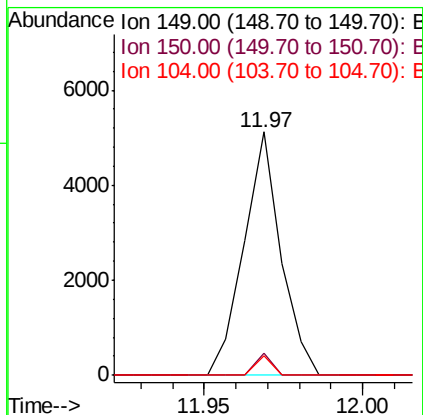
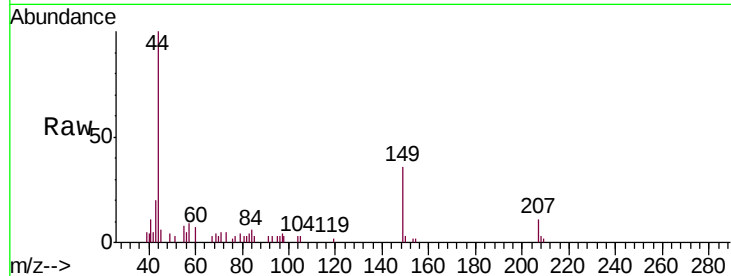




#74
Di-n-butylphthalate
Concen: 0.055 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

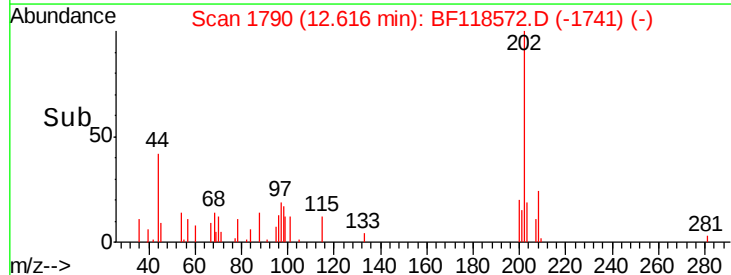
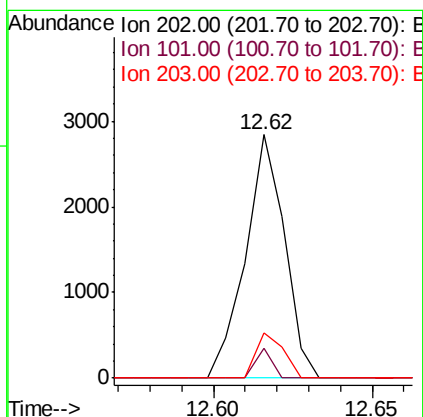
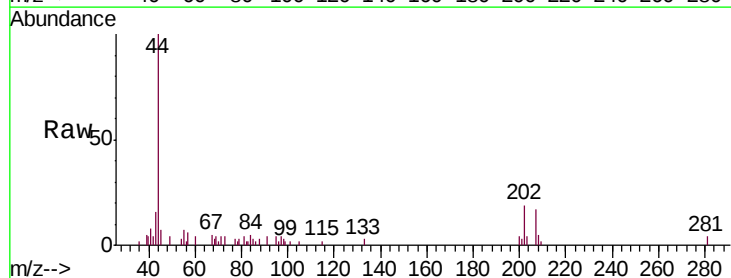
Instrument :
BNA_F
ClientSampleId :
SU-03-011520

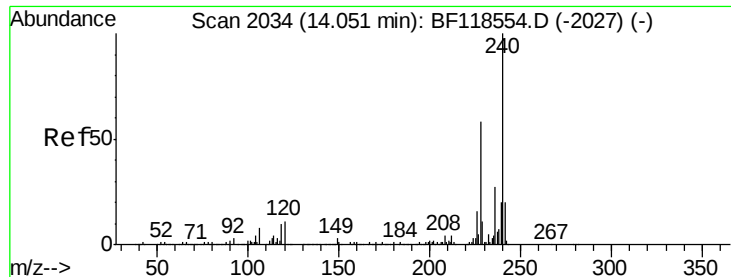
Tgt Ion:149 Resp: 4163
Ion Ratio Lower Upper
149 100
150 9.1 9.0 13.6
104 8.2 5.0 7.4#



#75
Fluoranthene
Concen: 0.033 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:202 Resp: 2425
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 18.8 0.9 40.9

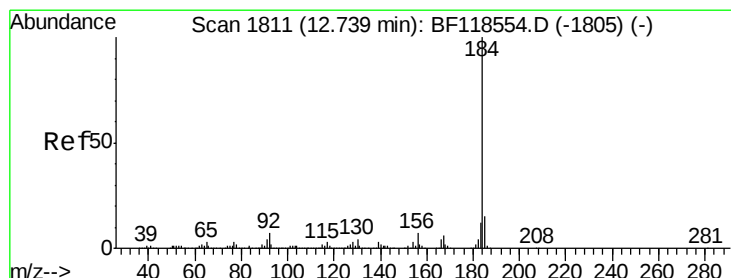
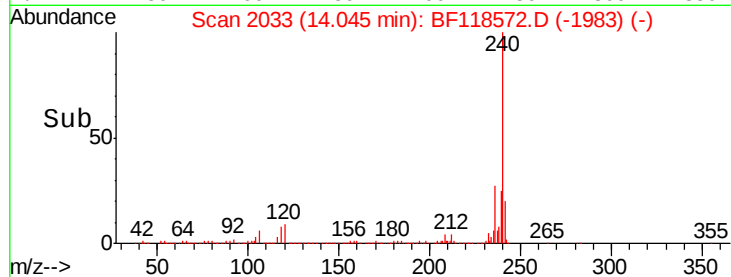
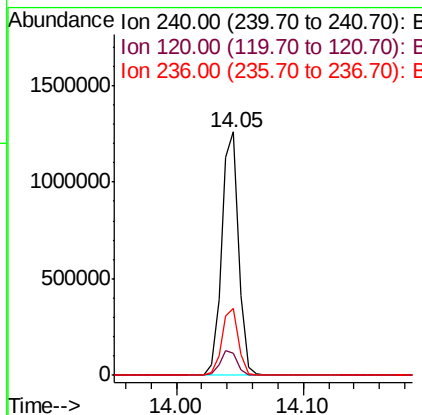
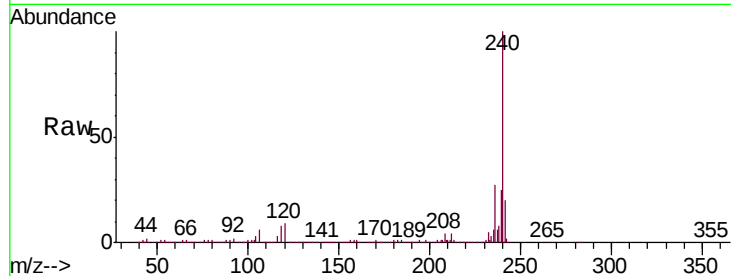




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tgt Ion:240 Resp: 1169242
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 27.4 21.8 32.8



#77
Benzidine
Concen: 2.692 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:184 Resp: 76478
Ion Ratio Lower Upper
184 100
185 15.5 12.3 18.5
183 7.1 9.5 14.3#

