

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128972.D
 Acq On : 24 Jun 2022 00:58
 Operator : CG\JU
 Sample : N3431-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2

Quant Time: Jun 24 04:38:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	62747	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	199787	20.000	ng	# 0.02
39) Acenaphthene-d10	9.792	164	95459	20.000	ng	0.02
64) Phenanthrene-d10	11.286	188	127761	20.000	ng	# 0.04
76) Chrysene-d12	13.922	240	134559	20.000	ng	# 0.02
86) Perylene-d12	15.363	264	138818	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	331459	84.141	ng	0.00
7) Phenol-d6	6.387	99	342273	71.179	ng	0.00
23) Nitrobenzene-d5	7.434	82	34174	7.964	ng	0.13
42) 2,4,6-Tribromophenol	10.592	330	55104	48.856	ng	0.03
45) 2-Fluorobiphenyl	9.104	172	338957	49.740	ng	0.01
79) Terphenyl-d14	12.869	244	311868	40.273	ng	0.03
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.058	42	12895	4.786	ng	# 1
6) Aniline	6.404	93	13998	2.699	ng	# 1
9) Benzaldehyde	6.263	77	57489	19.624	ng	# 37
10) Phenol	6.404	94	14987	2.948	ng	# 1
15) Benzyl Alcohol	6.898	79	20020	4.976	ng	# 37
17) 2-Methylphenol	7.157	107	10938	3.433	ng	# 1
18) Hexachloroethane	7.275	117	225406	128.733	ng	# 1
19) n-Nitroso-di-n-propyla...	7.163	70	125741	42.057	ng	# 69
20) 3+4-Methylphenols	7.157	107	10938	2.572	ng	# 1
22) Acetophenone	7.134	105	21270	4.071	ng	# 1
24) Nitrobenzene	7.310	77	71107	18.050	ng	# 56
25) Isophorone	7.604	82	27125	4.162	ng	# 1
26) 2-Nitrophenol	7.651	139	34216	19.713	ng	# 1
27) 2,4-Dimethylphenol	7.681	122	36181	13.684	ng	# 1
28) bis(2-Chloroethoxy)met...	7.769	93	28144	6.831	ng	# 1
29) 2,4-Dichlorophenol	7.928	162	20832	6.807	ng	# 12
31) Naphthalene	8.045	128	60068	5.858	ng	# 9
32) Benzoic acid	7.887	122	4109	2.190	ng	# 1
33) 4-Chloroaniline	8.104	127	10510	2.719	ng	# 1
35) Caprolactam	8.492	113	22397	26.467	ng	# 1
36) 4-Chloro-3-methylphenol	8.610	107	7300	2.186	ng	# 42
37) 2-Methylnaphthalene	8.745	142	22942	3.518	ng	86
38) 1-Methylnaphthalene	8.745	142	22761	3.612	ng	91
43) 2,4,6-Trichlorophenol	9.022	196	13168	6.568	ng	# 15
48) 2-Nitroaniline	9.316	65	11352	6.074	ng	# 55
49) Acenaphthylene	9.657	152	44309	5.296	ng	# 1
50) Dimethylphthalate	9.492	163	31255	4.783	ng	# 1
51) 2,6-Dinitrotoluene	9.592	165	9811	7.608	ng	# 78
52) Acenaphthene	9.822	154	29181	5.356	ng	# 64
53) 3-Nitroaniline	9.775	138	22105	15.793	ng	# 27
55) Dibenzofuran	9.998	168	44454	5.677	ng	# 1
56) 4-Nitrophenol	9.939	139	11551	11.385	ng	# 1
57) 2,4-Dinitrotoluene	9.998	165	32610	18.948	ng	# 58
58) Fluorene	10.345	166	74946	12.341	ng	# 73
60) Diethylphthalate	10.245	149	17533	2.670	ng	# 7
62) 4-Nitroaniline	10.251	138	14720	10.387	ng	95

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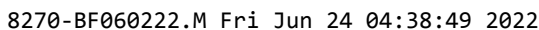
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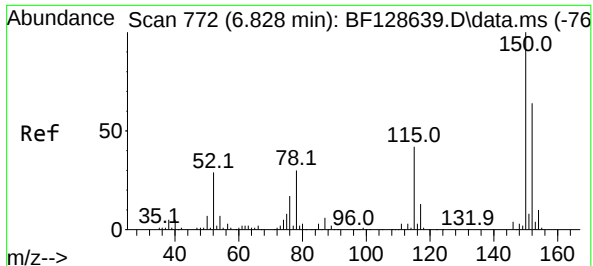
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

63) Azobenzene	10.498	77	22897	3.542	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.410	198	3247	4.307	ng	# 1
66) n-Nitrosodiphenylamine	10.457	169	188088	47.897	ng	# 46
70) Pentachlorophenol	11.098	266	3930	4.976	ng	# 29
71) Phenanthrene	11.310	178	206787	32.269	ng	# 89
72) Anthracene	11.363	178	15220	2.400	ng	# 11
75) Fluoranthene	12.733	202	76213	11.378	ng	79
78) Pyrene	12.733	202	79676	7.959	ng	# 86
81) Benzo(a)anthracene	13.910	228	37416	4.461	ng	# 60
83) Chrysene	13.945	228	56438	7.058	ng	# 72
88) Benzo(b)fluoranthene	14.945	252	44234	4.987	ng	# 1
89) Benzo(k)fluoranthene	14.945	252	44234	5.301	ng	# 1
90) Benzo(a)pyrene	15.304	252	37130	5.326	ng	# 29
92) Benzo(g,h,i)perylene	17.204	276	25368	3.688	ng	98

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

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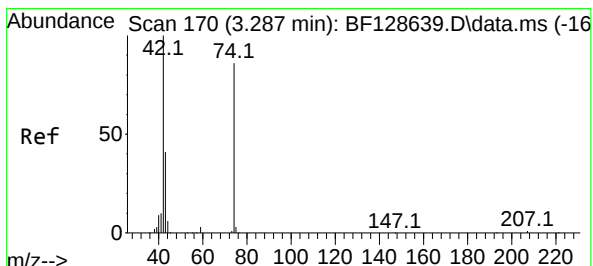
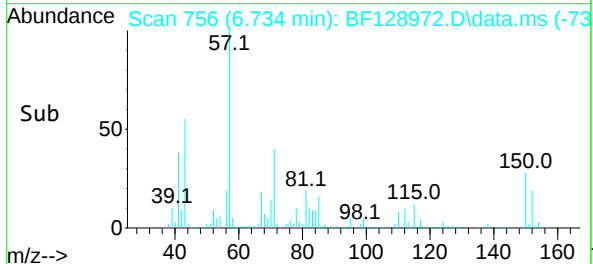
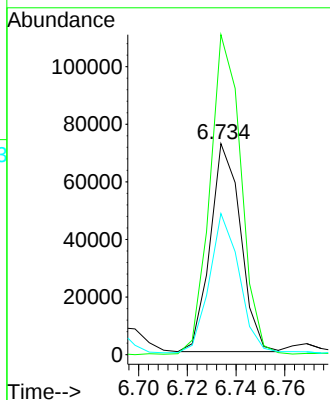
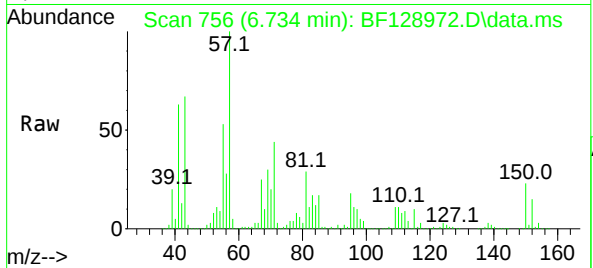




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128972.D
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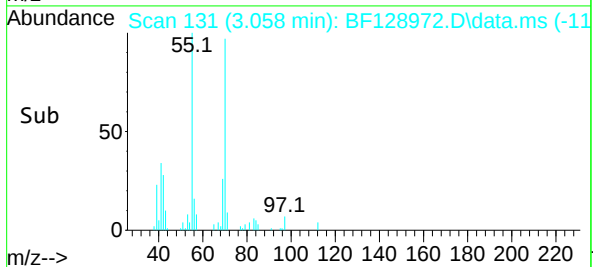
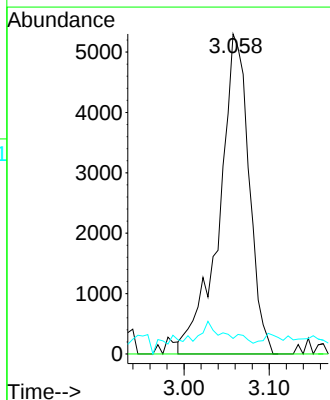
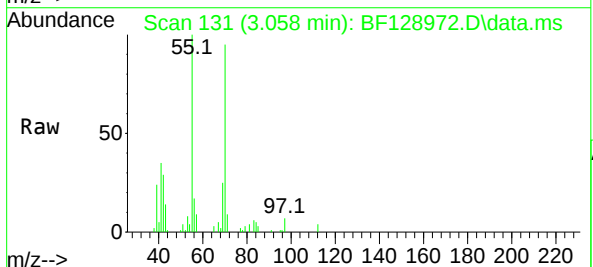
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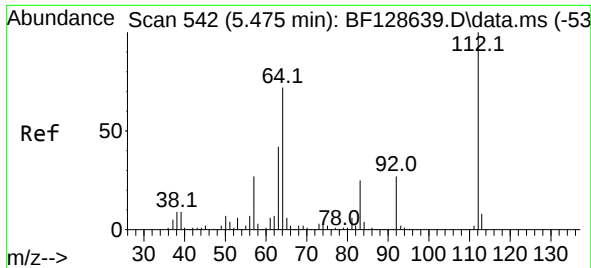
Tgt Ion:152 Resp: 62747
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 66.9 49.9 74.9



#4
n-Nitrosodimethylamine
Concen: 4.786 ng
RT: 3.058 min Scan# 131
Delta R.T. -0.023 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion: 42 Resp: 12895
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 4.8 6.6 10.0#

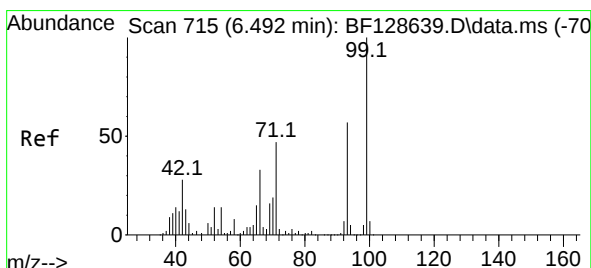
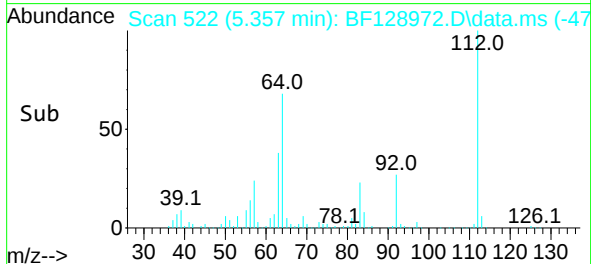
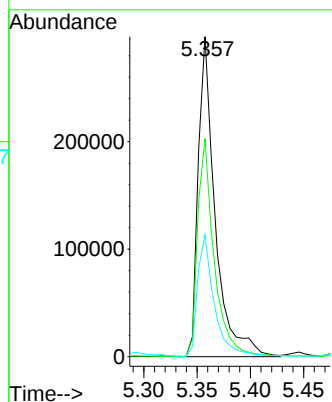
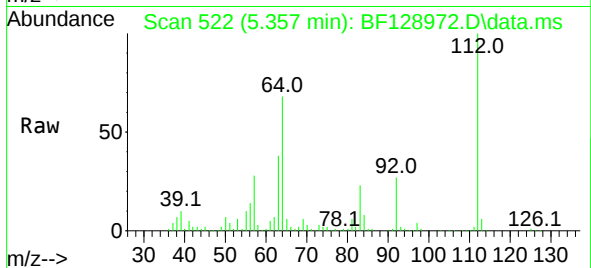




#5
2-Fluorophenol
Concen: 84.141 ng
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

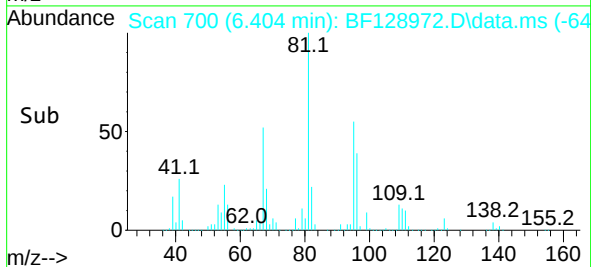
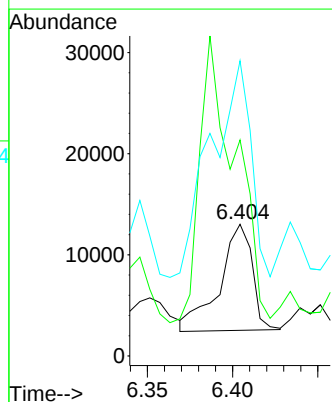
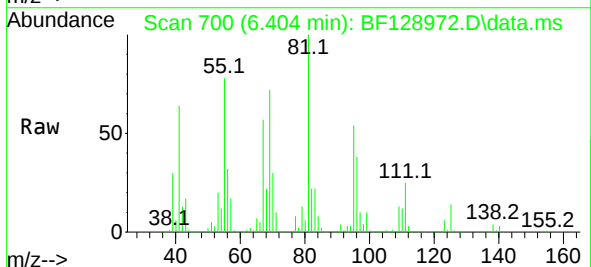
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ClientSampleId :
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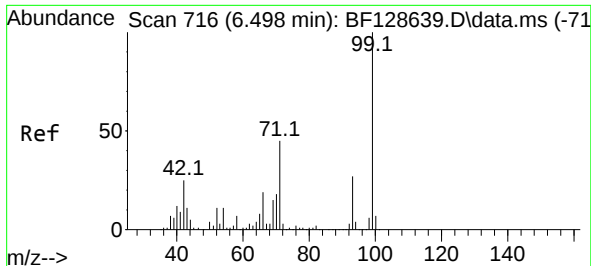
Tgt Ion:112 Resp: 331459
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.0 28.0 42.0



#6
Aniline
Concen: 2.699 ng
RT: 6.404 min Scan# 700
Delta R.T. 0.006 min
Lab File: BF128972.D
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Tgt Ion: 93 Resp: 13998
Ion Ratio Lower Upper
93 100
66 163.9 32.5 48.7#
65 224.1 16.4 24.6#

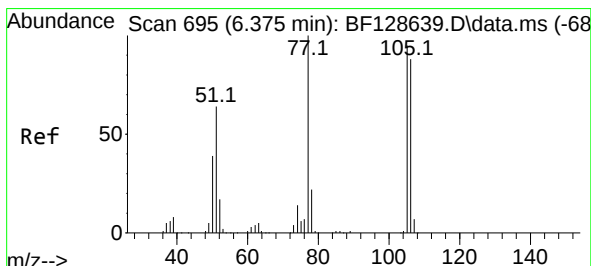
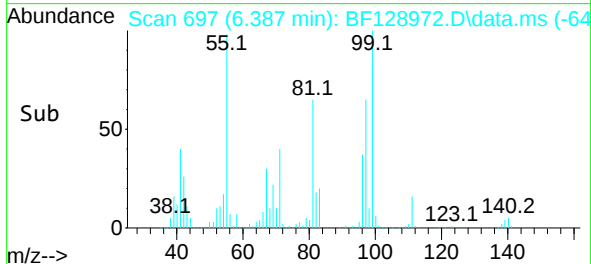
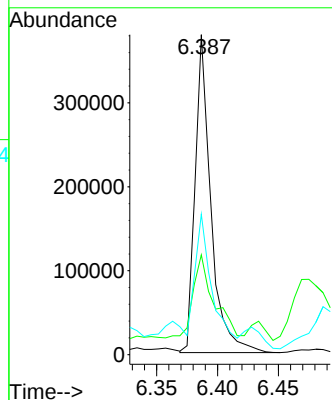
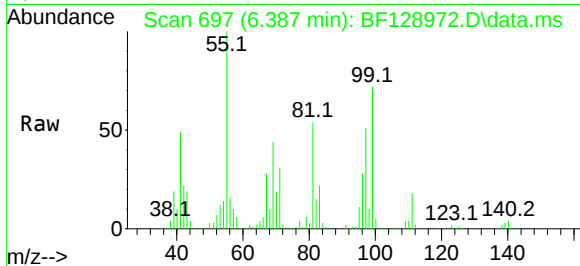




#7
Phenol-d6
Concen: 71.179 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

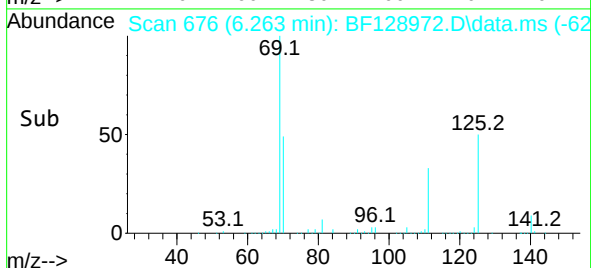
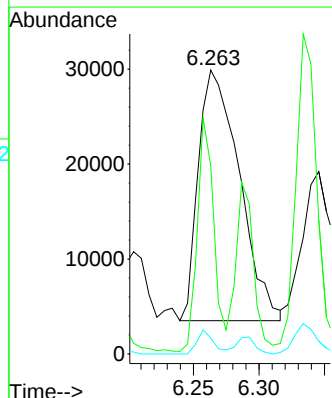
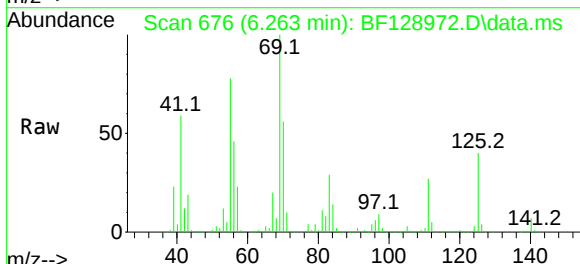
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ClientSampleId :
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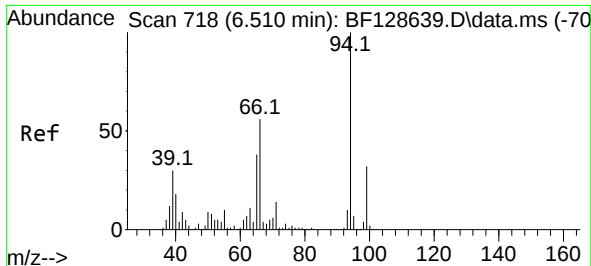
Tgt Ion: 99 Resp: 342273
Ion Ratio Lower Upper
99 100
42 31.2 17.3 25.9#
71 43.9 28.9 43.3#



#9
Benzaldehyde
Concen: 19.624 ng
RT: 6.263 min Scan# 676
Delta R.T. -0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion: 77 Resp: 57489
Ion Ratio Lower Upper
77 100
105 66.2 81.6 121.6#
106 5.6 76.1 116.1#

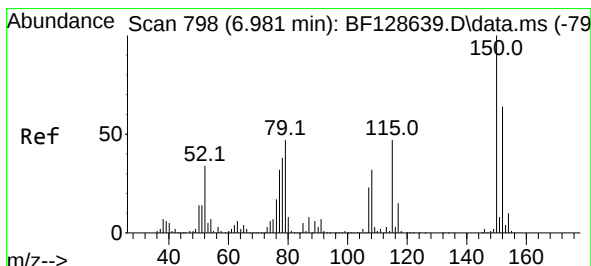
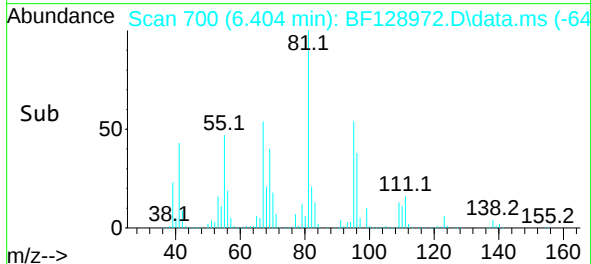
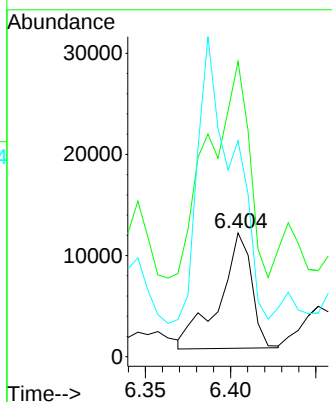
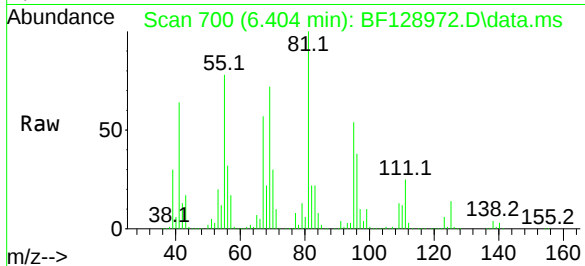




#10
Phenol
Concen: 2.948 ng
RT: 6.404 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

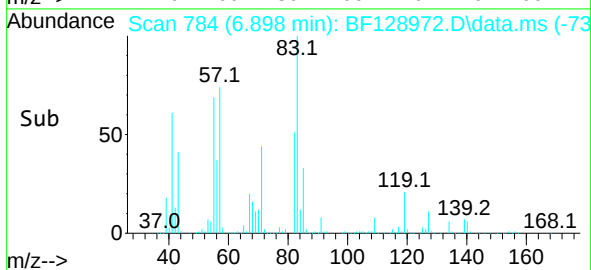
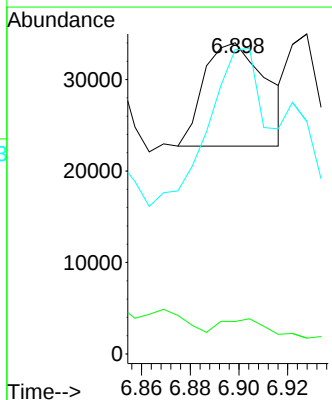
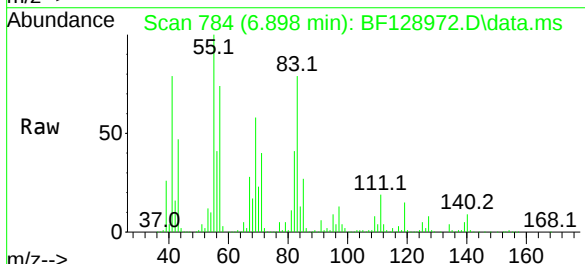
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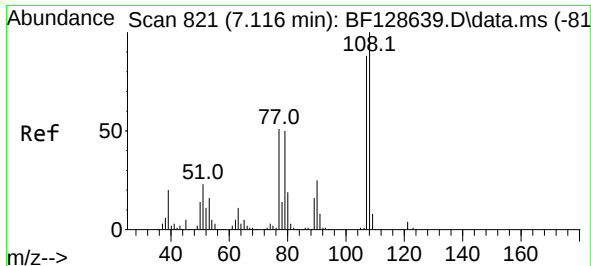
Tgt Ion: 94 Resp: 14987
Ion Ratio Lower Upper
94 100
65 238.7 11.4 51.4#
66 174.6 21.4 61.4#



#15
Benzyl Alcohol
Concen: 4.976 ng
RT: 6.898 min Scan# 784
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion: 79 Resp: 20020
Ion Ratio Lower Upper
79 100
108 10.4 61.8 92.6#
77 97.7 50.2 75.4#

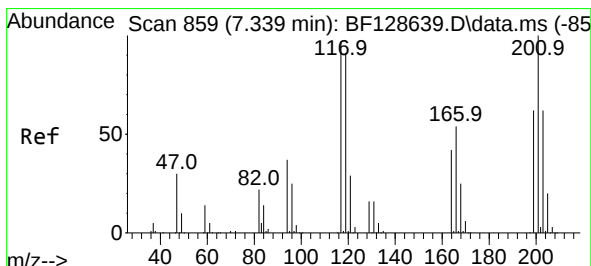
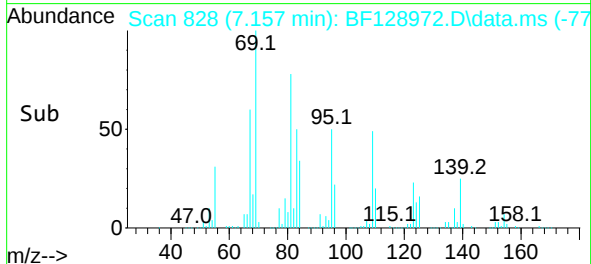
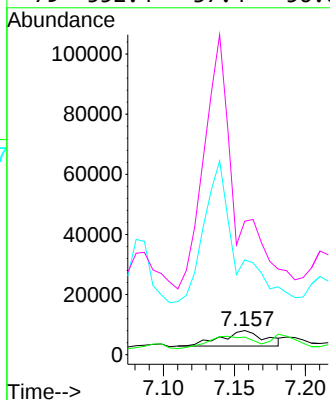
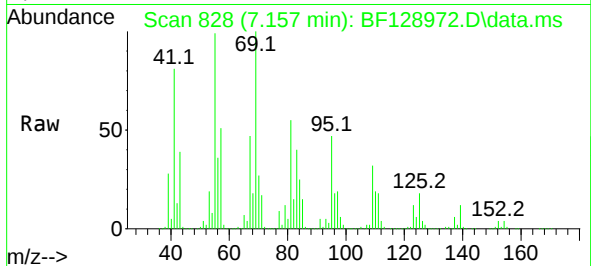




#17
2-Methylphenol
Concen: 3.433 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

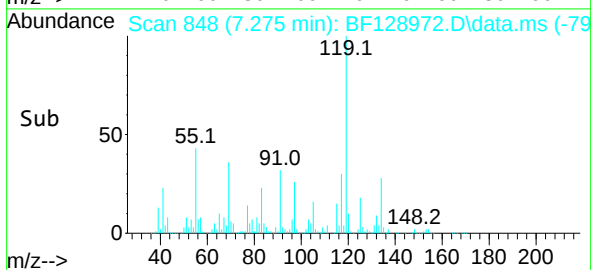
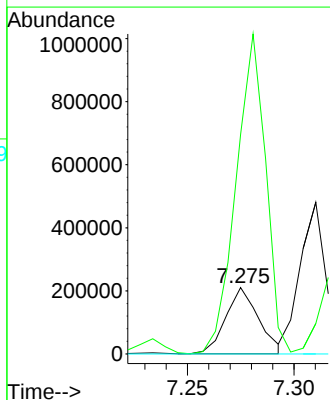
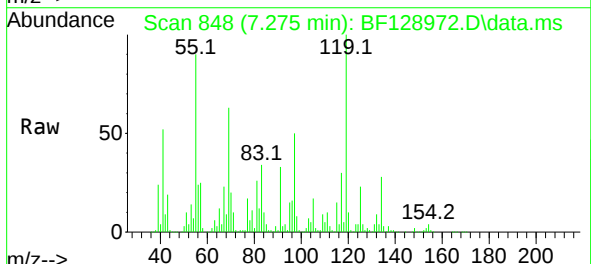
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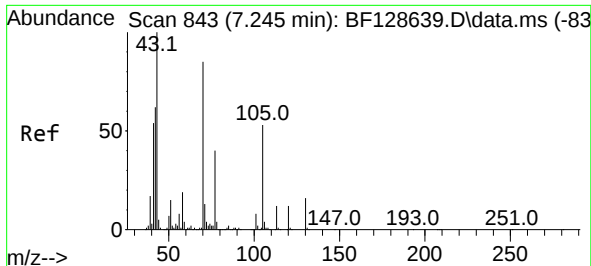
Tgt Ion:107 Resp: 10938
Ion Ratio Lower Upper
107 100
108 72.7 91.9 137.9#
77 392.9 37.8 56.8#
79 552.4 37.4 56.0#



#18
Hexachloroethane
Concen: 128.733 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.041 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:117 Resp: 225406
Ion Ratio Lower Upper
117 100
119 330.5 77.4 116.2#
201 0.0 84.6 127.0#

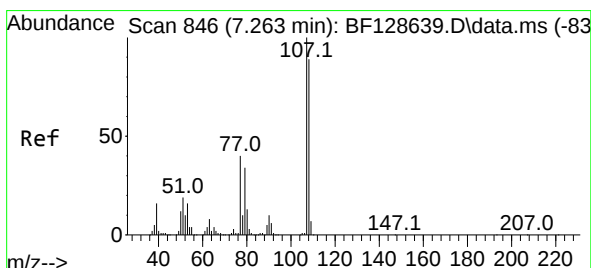
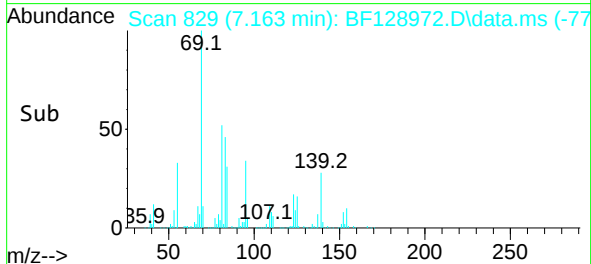
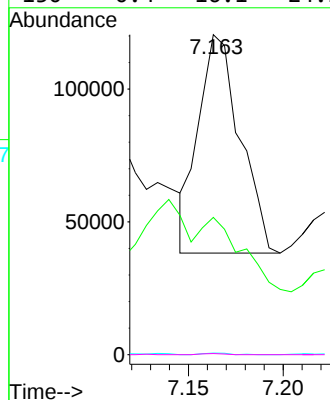
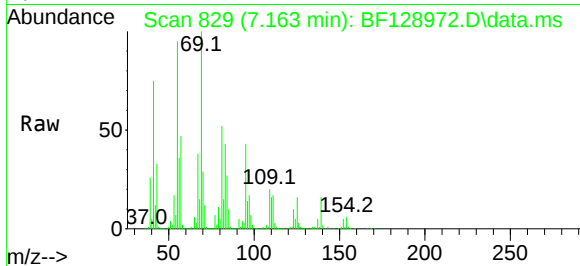




#19
n-Nitroso-di-n-propylamine
Concen: 42.057 ng
RT: 7.163 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF128972.D
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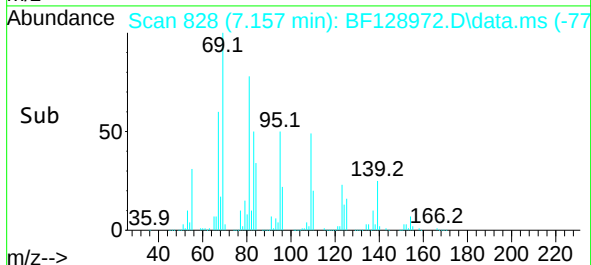
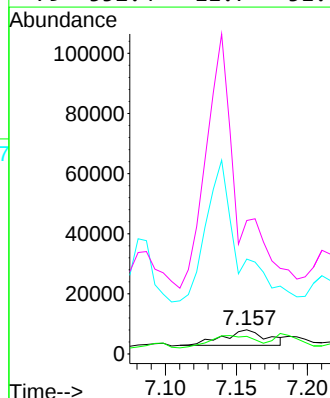
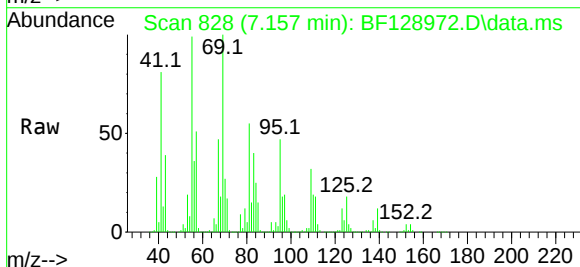
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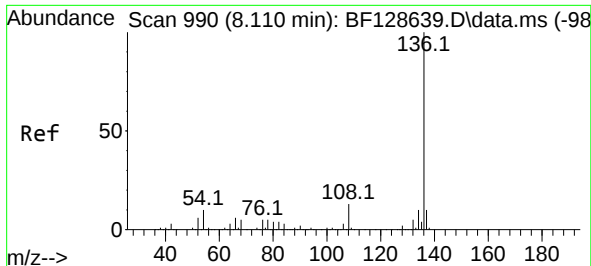
Tgt Ion: 70 Resp: 125741
Ion Ratio Lower Upper
70 100
42 42.9 52.3 78.5#
101 0.5 7.5 11.3#
130 0.4 16.1 24.1#



#20
3+4-Methylphenols
Concen: 2.572 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

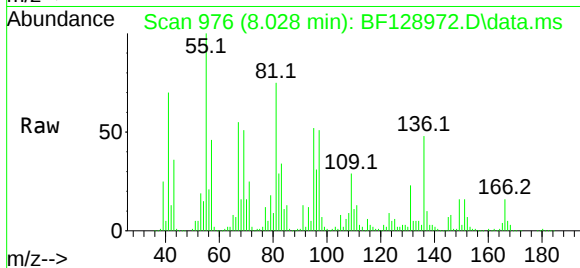
Tgt Ion:107 Resp: 10938
Ion Ratio Lower Upper
107 100
108 72.7 71.8 111.8
77 392.9 59.3 99.3#
79 552.4 11.7 51.7#



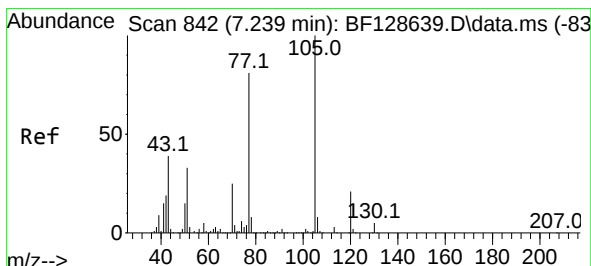
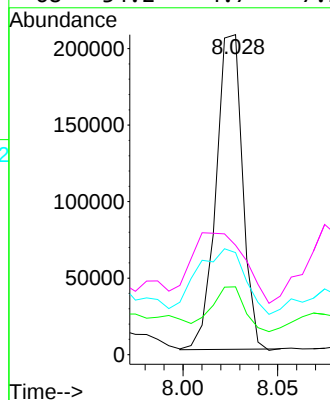
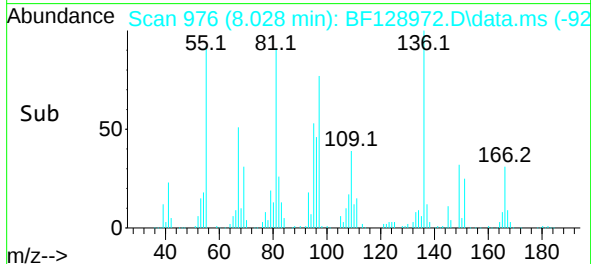


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

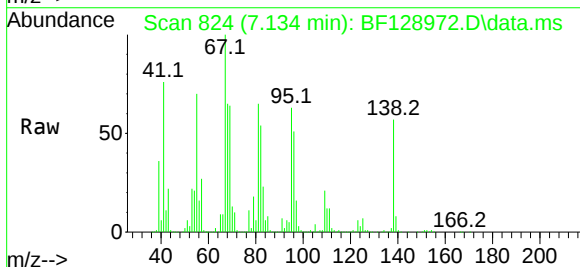
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2



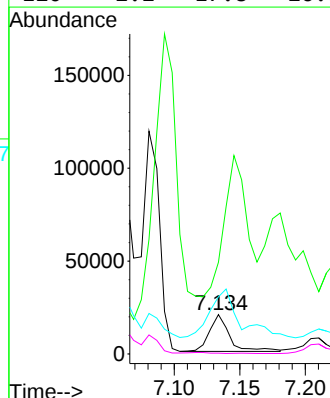
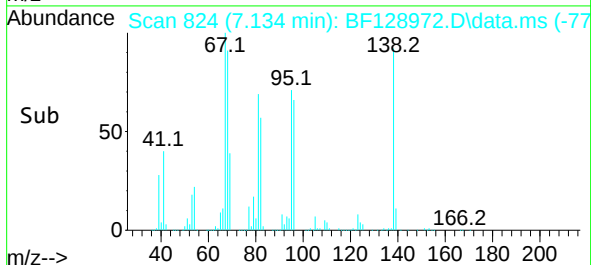
Tgt Ion:136 Resp: 199787
Ion Ratio Lower Upper
136 100
137 21.2 8.8 13.2#
54 31.9 7.5 11.3#
68 34.2 4.7 7.1#

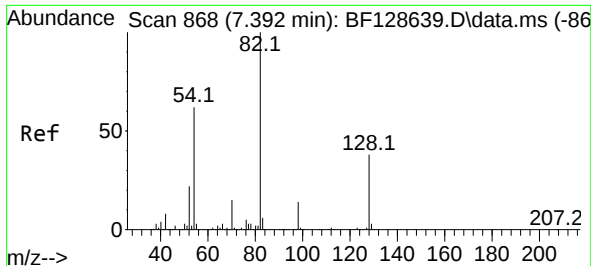


#22
Acetophenone
Concen: 4.071 ng
RT: 7.134 min Scan# 824
Delta R.T. -0.012 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58



Tgt Ion:105 Resp: 21270
Ion Ratio Lower Upper
105 100
71 232.7 5.0 7.4#
51 145.0 25.0 37.4#
120 2.2 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 7.964 ng

RT: 7.434 min Scan# 81

Delta R.T. 0.129 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

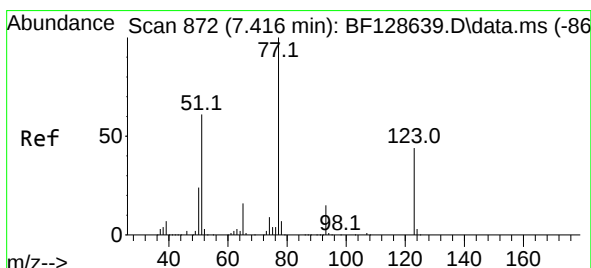
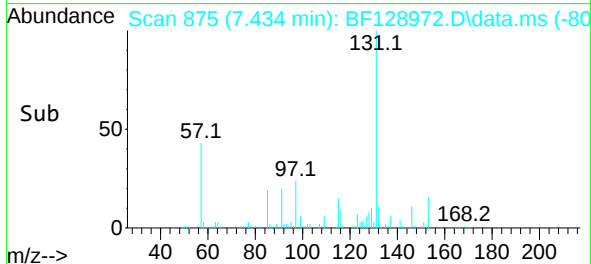
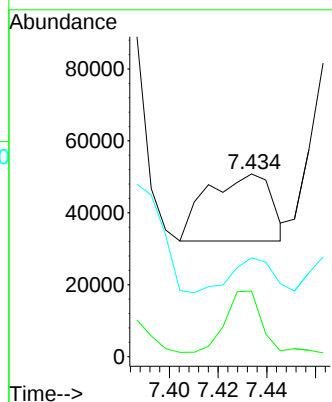
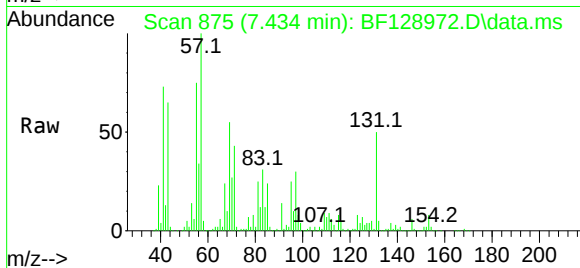
Tgt Ion: 82 Resp: 34174

Ion Ratio Lower Upper

82 100

128 35.9 34.0 51.0

54 54.1 46.9 70.3



#24

Nitrobenzene

Concen: 18.050 ng

RT: 7.310 min Scan# 854

Delta R.T. -0.012 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

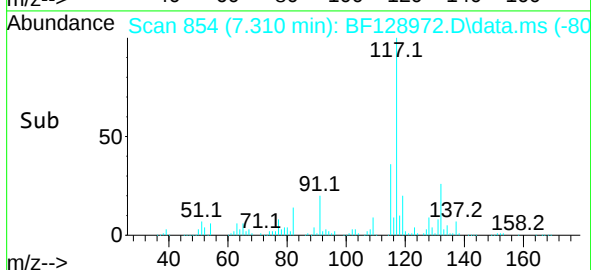
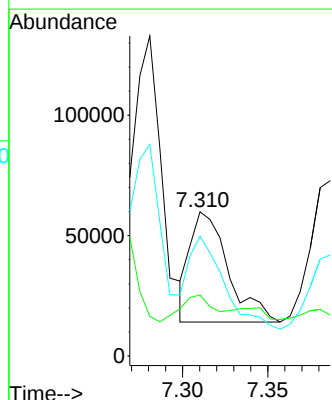
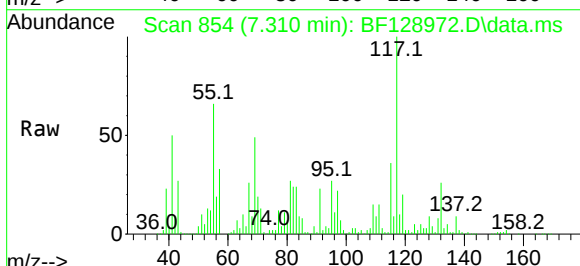
Tgt Ion: 77 Resp: 71107

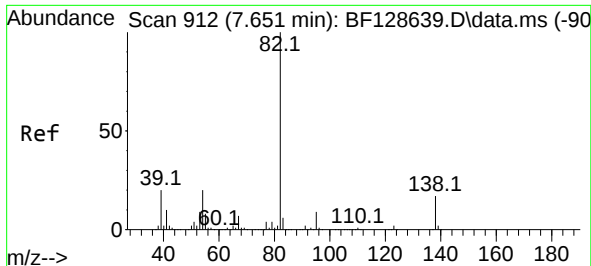
Ion Ratio Lower Upper

77 100

123 42.3 35.4 53.2

65 83.0 11.8 17.8#

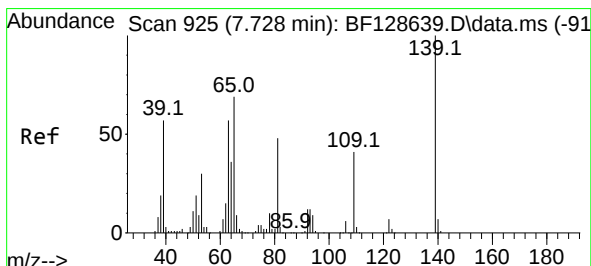
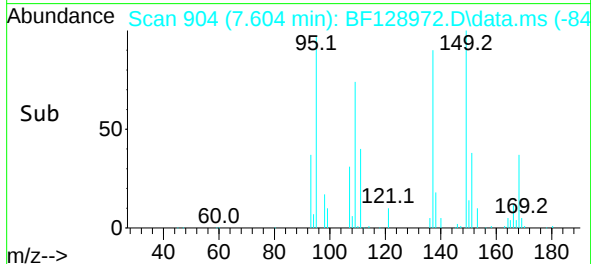
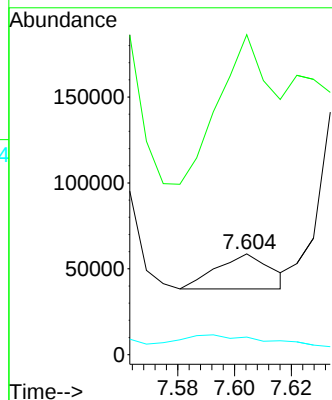
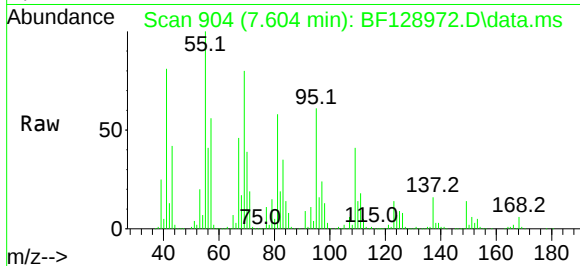




#25
Isophorone
Concen: 4.162 ng
RT: 7.604 min Scan# 904
Delta R.T. 0.041 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

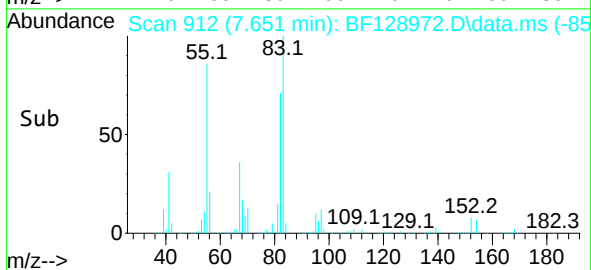
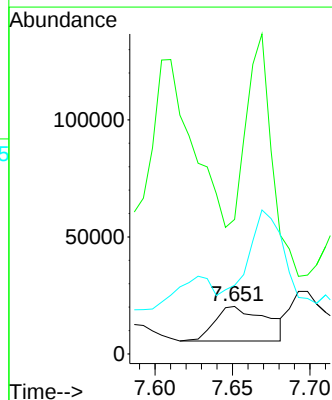
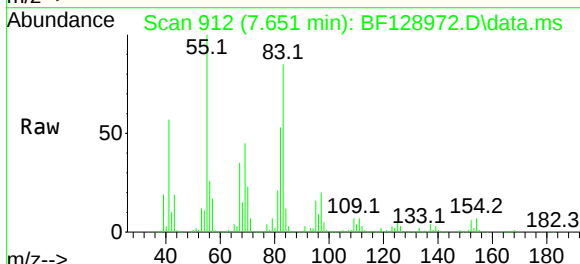
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

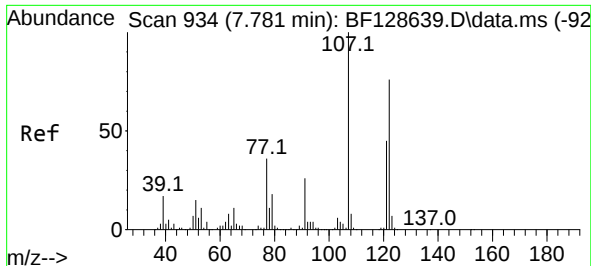
Tgt Ion: 82 Resp: 27125
Ion Ratio Lower Upper
82 100
95 317.2 5.7 8.5#
138 17.5 14.2 21.2



#26
2-Nitrophenol
Concen: 19.713 ng
RT: 7.651 min Scan# 912
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:139 Resp: 34216
Ion Ratio Lower Upper
139 100
109 282.7 25.0 37.4#
65 144.4 45.1 67.7#

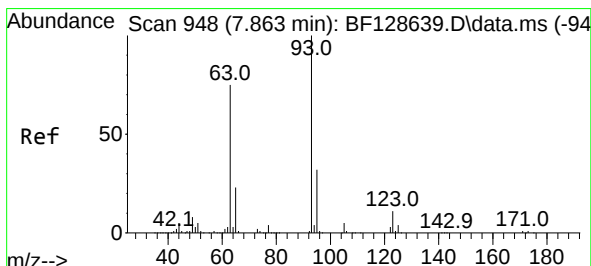
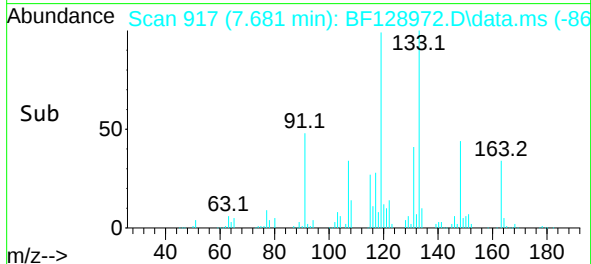
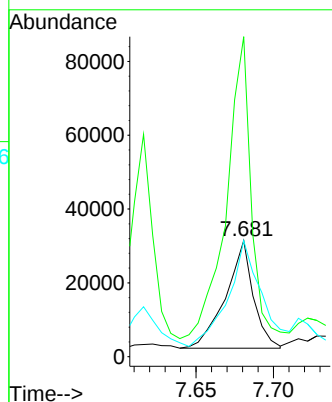
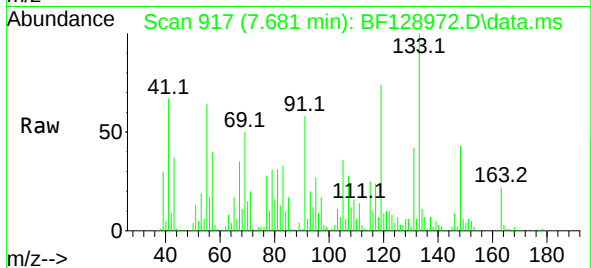




#27
2,4-Dimethylphenol
Concen: 13.684 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

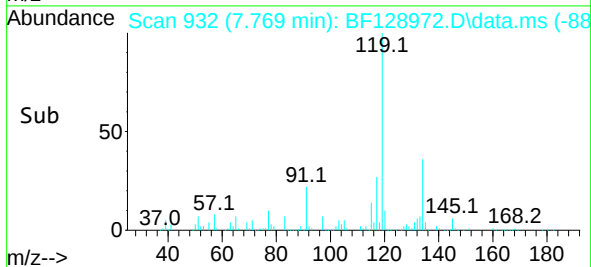
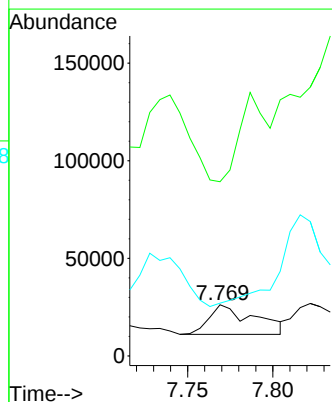
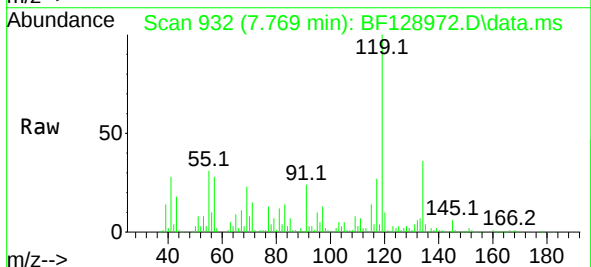
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

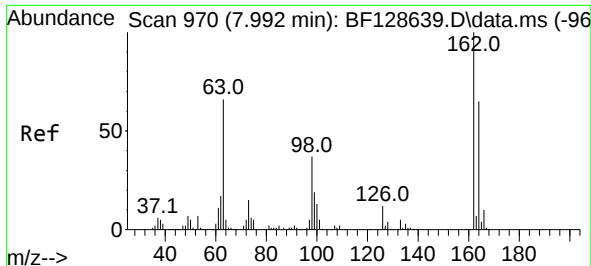
Tgt Ion:122 Resp: 36181
Ion Ratio Lower Upper
122 100
107 275.4 93.0 139.6#
121 99.9 46.6 70.0#



#28
bis(2-Chloroethoxy)methane
Concen: 6.831 ng
RT: 7.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion: 93 Resp: 28144
Ion Ratio Lower Upper
93 100
95 340.5 26.8 40.2#
123 103.3 9.2 13.8#





#29

2,4-Dichlorophenol

Concen: 6.807 ng

RT: 7.928 min Scan# 91

Delta R.T. 0.041 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

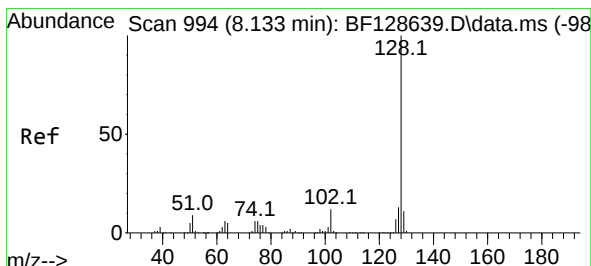
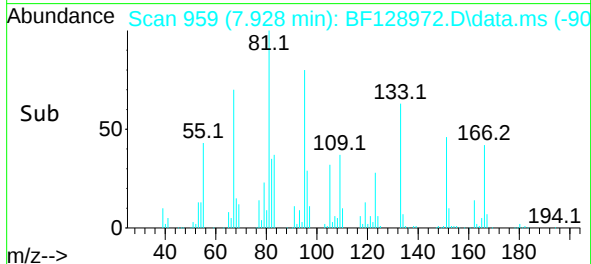
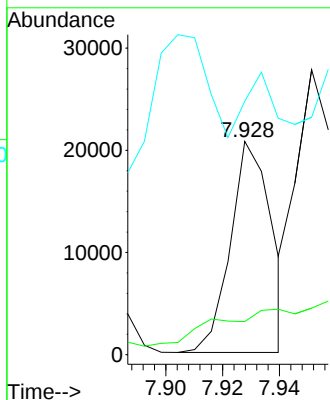
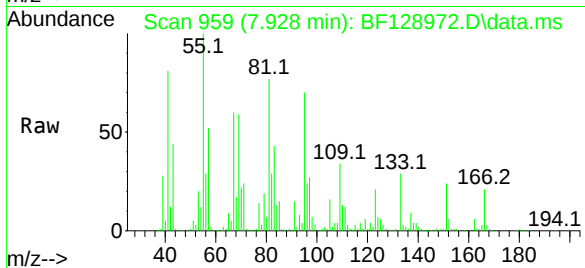
Tgt Ion:162 Resp: 20832

Ion Ratio Lower Upper

162 100

164 15.5 44.2 84.2#

98 118.9 19.6 59.6#



#31

Naphthalene

Concen: 5.858 ng

RT: 8.045 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

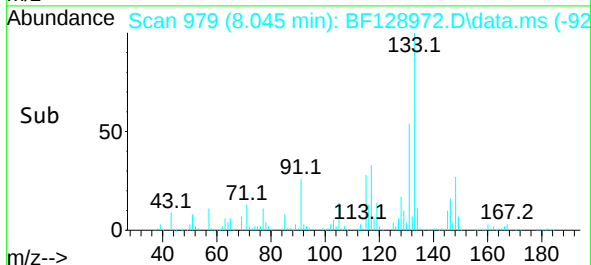
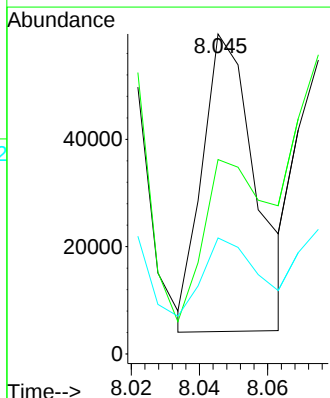
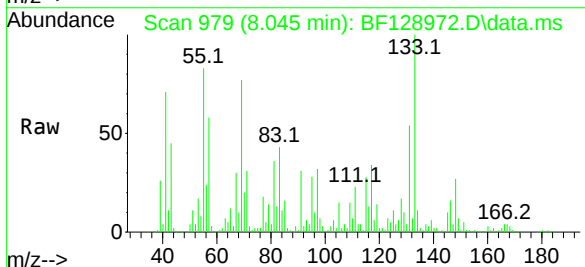
Tgt Ion:128 Resp: 60068

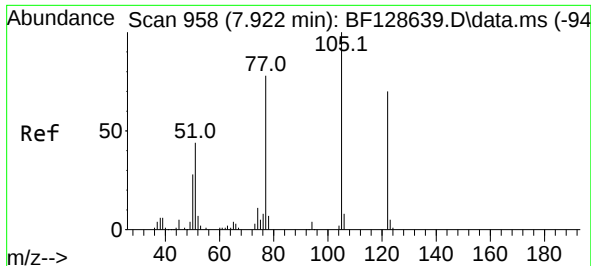
Ion Ratio Lower Upper

128 100

129 60.8 9.2 13.8#

127 36.3 10.5 15.7#

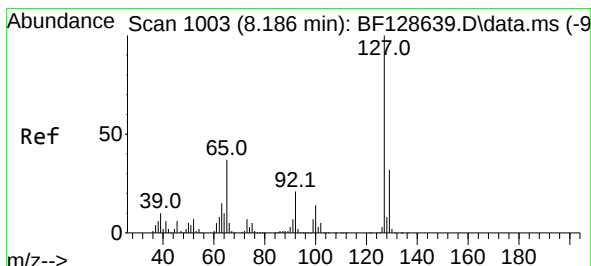
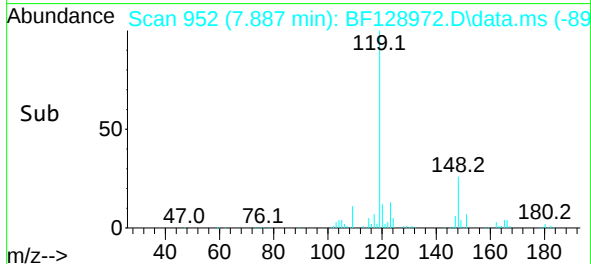
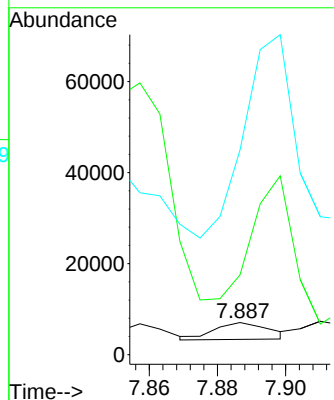
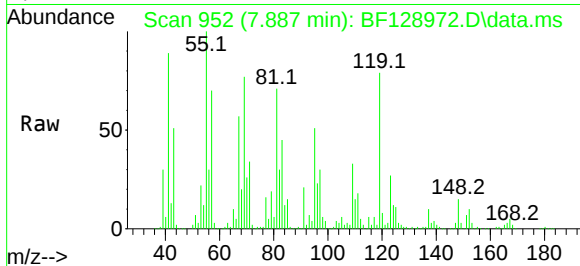




#32
Benzoic acid
Concen: 2.190 ng
RT: 7.887 min Scan# 911
Delta R.T. 0.041 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

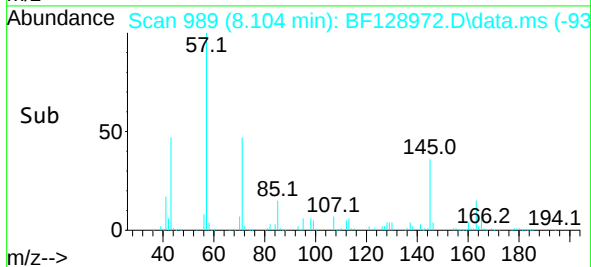
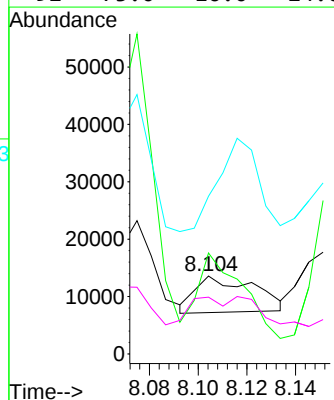
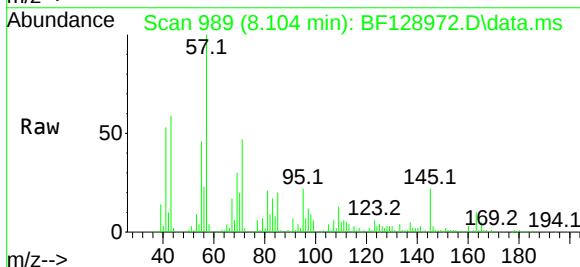
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

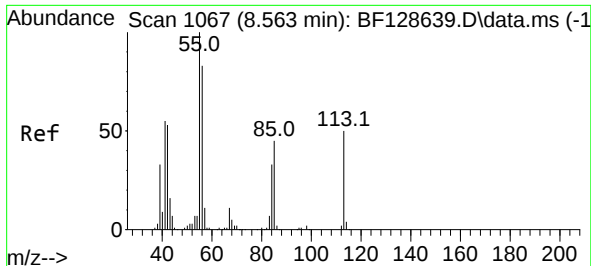
Tgt Ion:122 Resp: 4109
Ion Ratio Lower Upper
122 100
105 248.3 107.1 147.1#
77 637.3 74.2 114.2#



#33
4-Chloroaniline
Concen: 2.719 ng
RT: 8.104 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:127 Resp: 10510
Ion Ratio Lower Upper
127 100
129 129.6 26.4 39.6#
65 202.4 26.4 39.6#
92 73.0 16.0 24.0#

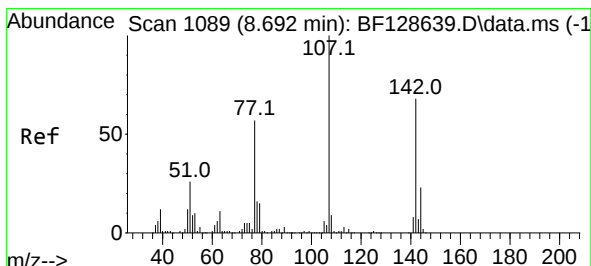
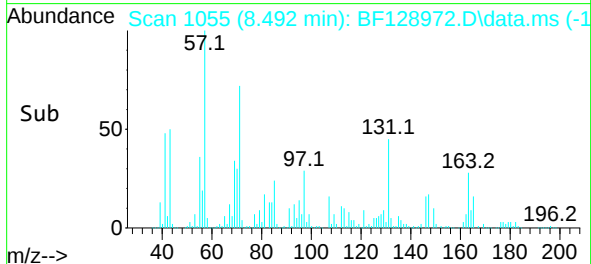
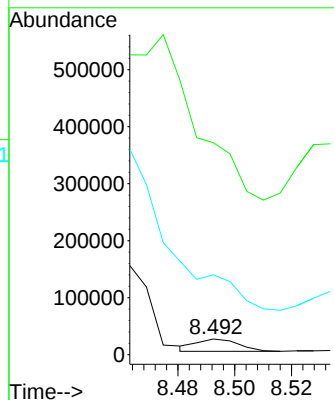
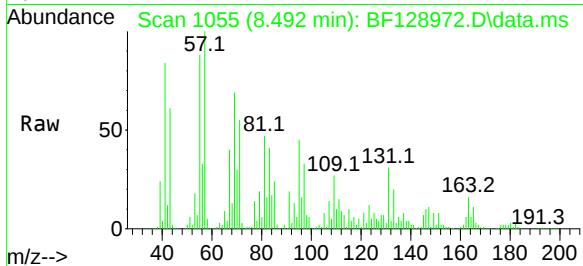




#35
Caprolactam
Concen: 26.467 ng
RT: 8.492 min Scan# 1055
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

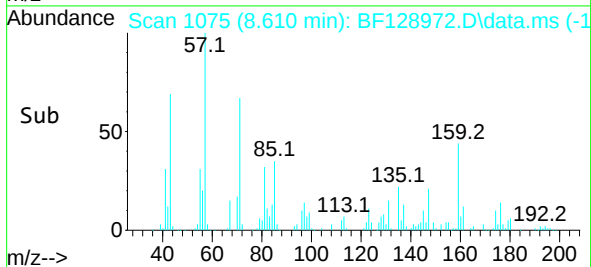
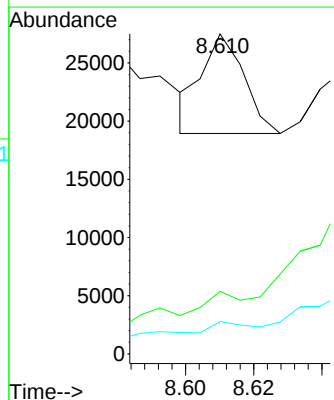
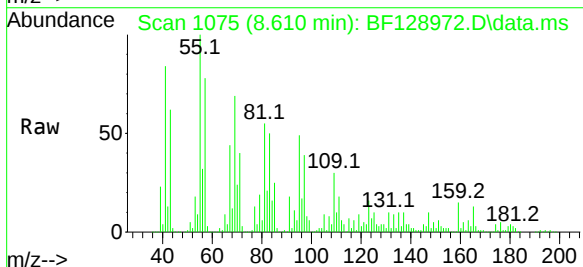
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

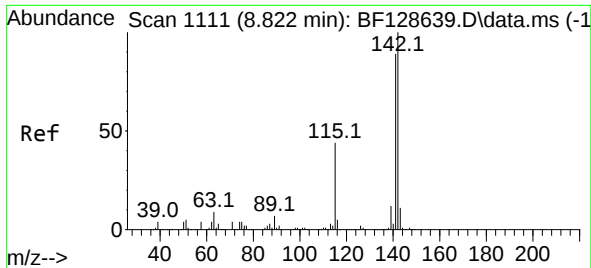
Tgt Ion:113 Resp: 22397
Ion Ratio Lower Upper
113 100
55 1350.7 188.5 228.5#
56 508.9 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 2.186 ng
RT: 8.610 min Scan# 1075
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:107 Resp: 7300
Ion Ratio Lower Upper
107 100
144 19.6 19.5 29.3
142 10.1 58.2 87.4#

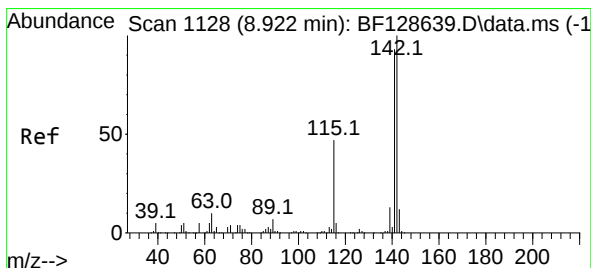
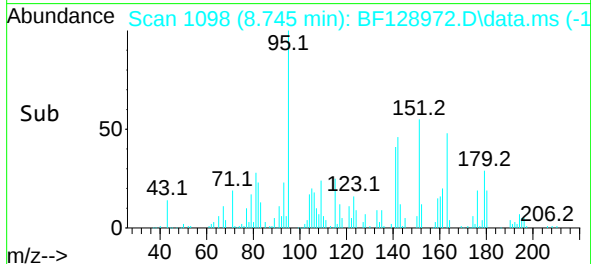
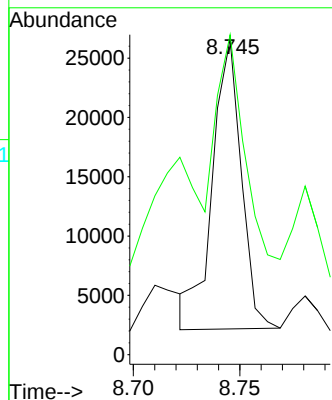
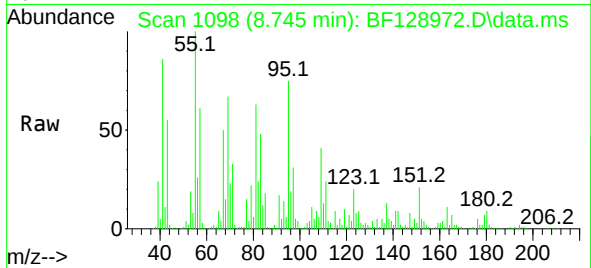




#37
2-Methylnaphthalene
Concen: 3.518 ng
RT: 8.745 min Scan# 1098
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

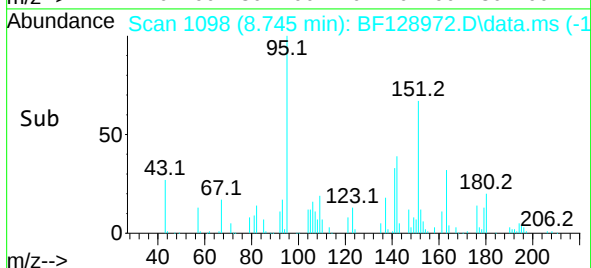
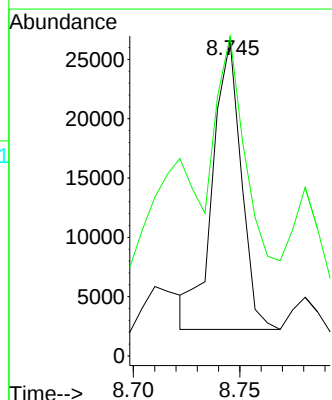
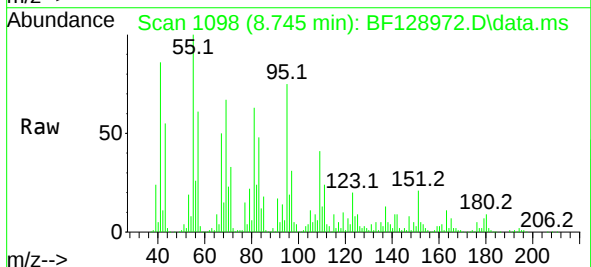
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

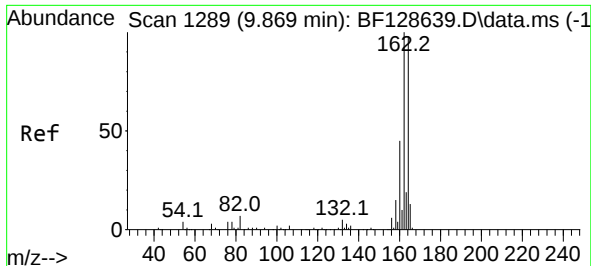
Tgt Ion:142 Resp: 22942
Ion Ratio Lower Upper
142 100
141 101.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 3.612 ng
RT: 8.745 min Scan# 1098
Delta R.T. -0.076 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:142 Resp: 22761
Ion Ratio Lower Upper
142 100
141 101.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

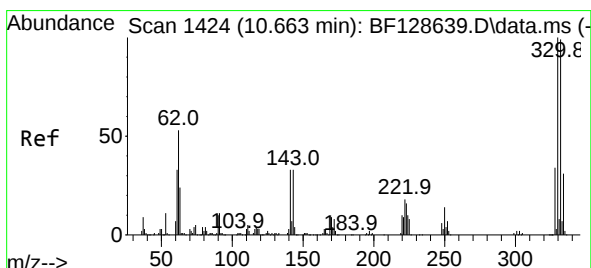
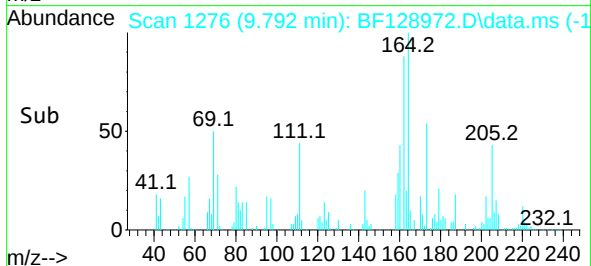
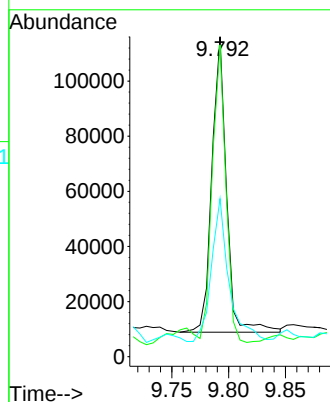
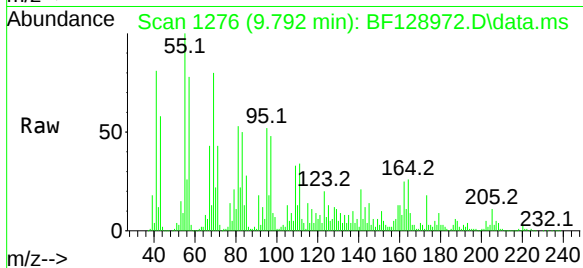
Tgt Ion:164 Resp: 95459

Ion Ratio Lower Upper

164 100

162 97.5 79.5 119.3

160 49.4 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 48.856 ng

RT: 10.592 min Scan# 1412

Delta R.T. 0.029 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

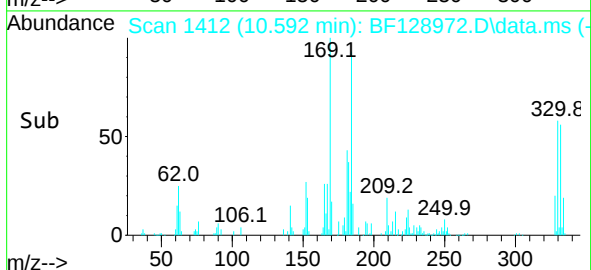
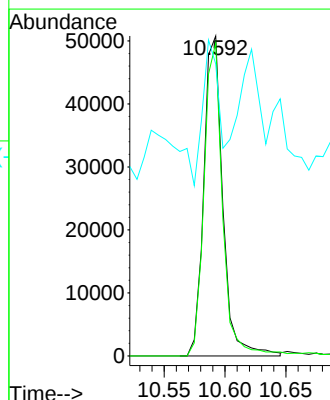
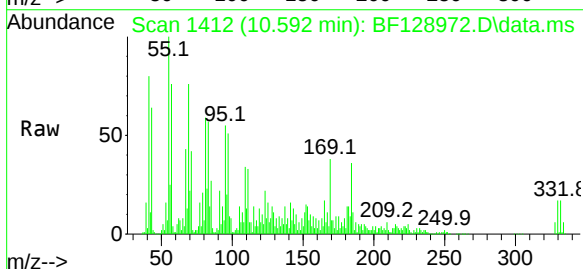
Tgt Ion:330 Resp: 55104

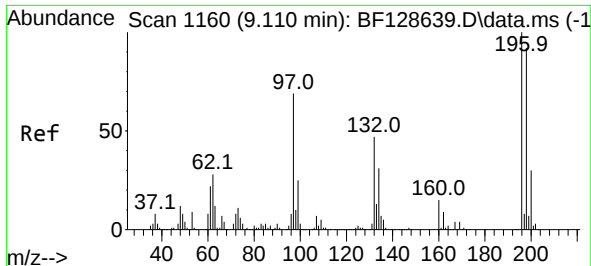
Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 42.2 28.0 42.0#





#43

2,4,6-Trichlorophenol

Concen: 6.568 ng

RT: 9.022 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

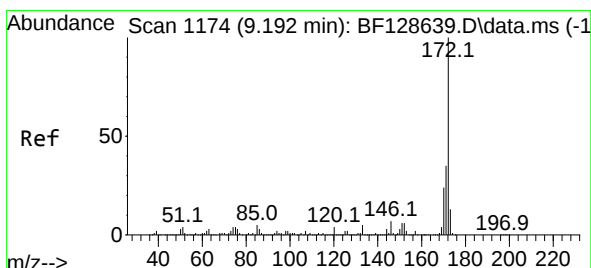
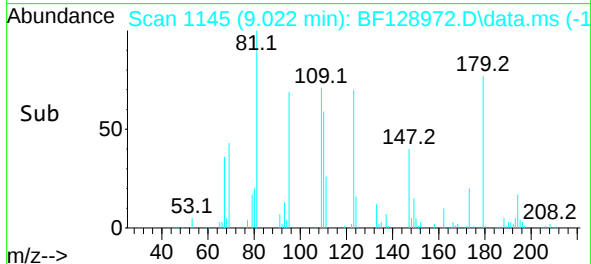
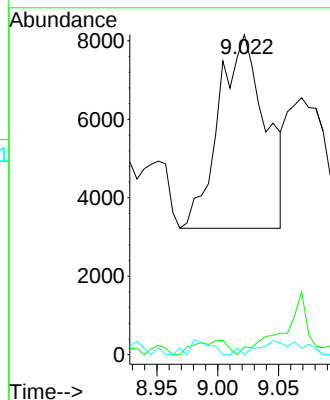
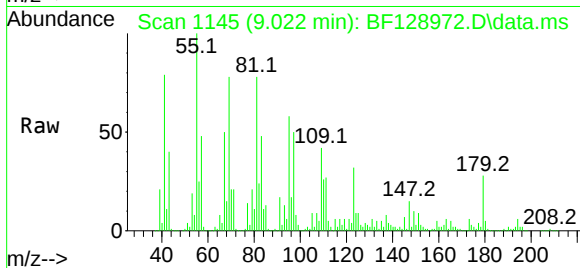
Tgt Ion:196 Resp: 13168

Ion Ratio Lower Upper

196 100

198 2.4 74.0 111.0#

200 0.0 24.1 36.1#



#45

2-Fluorobiphenyl

Concen: 49.740 ng

RT: 9.104 min Scan# 1159

Delta R.T. 0.012 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

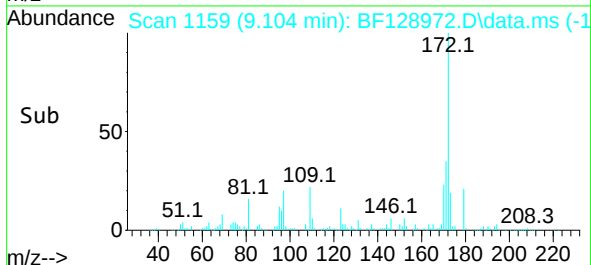
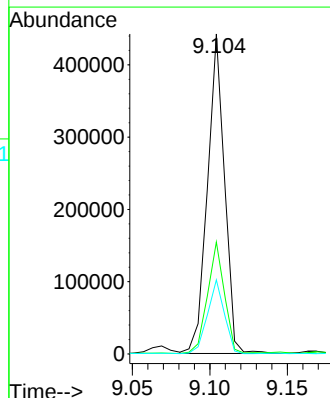
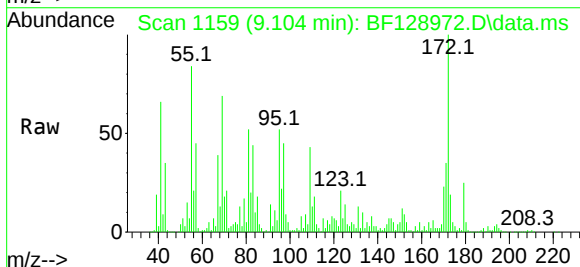
Tgt Ion:172 Resp: 338957

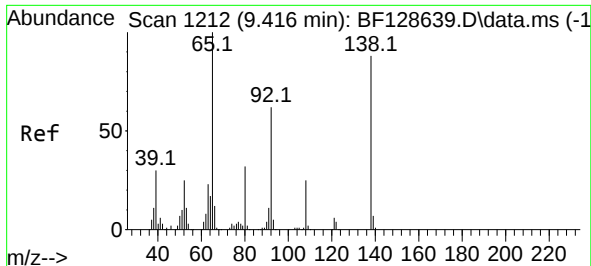
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.2 19.8 29.8





#48

2-Nitroaniline

Concen: 6.074 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

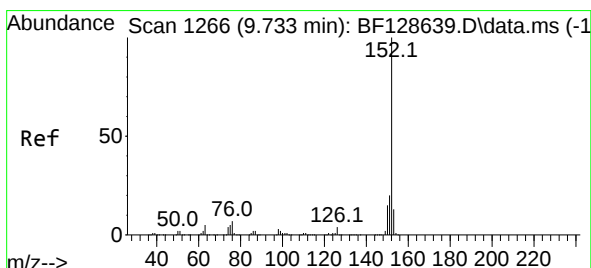
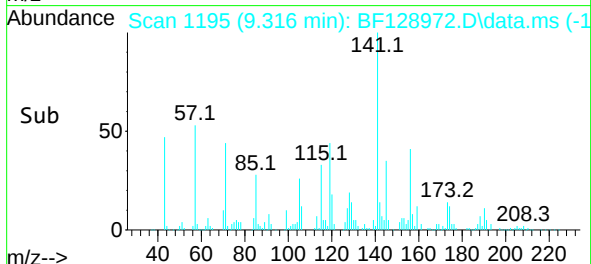
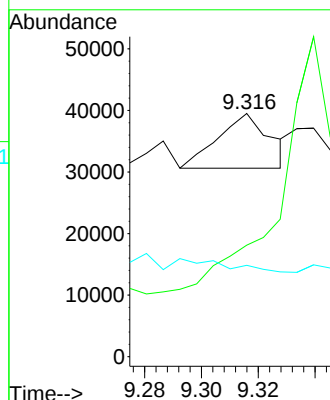
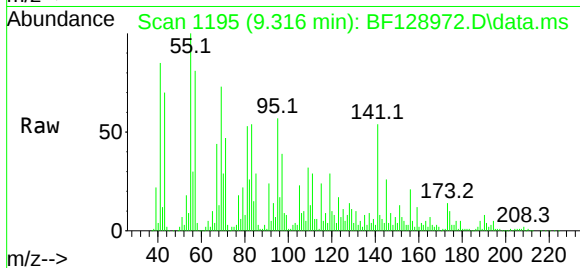
Tgt Ion: 65 Resp: 11352

Ion Ratio Lower Upper

65 100

92 45.8 51.9 77.9#

138 37.6 76.4 114.6#



#49

Acenaphthylene

Concen: 5.296 ng

RT: 9.657 min Scan# 1253

Delta R.T. 0.024 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

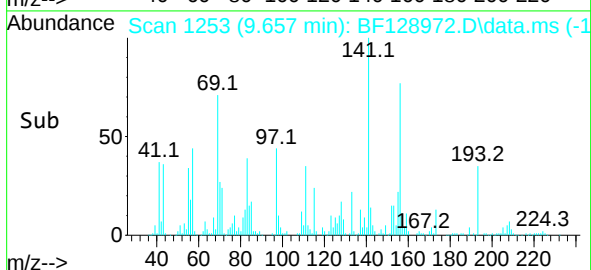
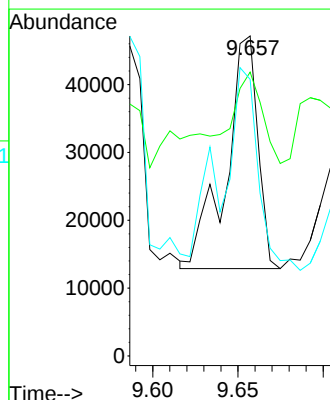
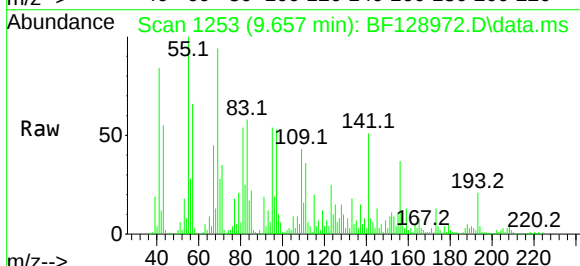
Tgt Ion: 152 Resp: 44309

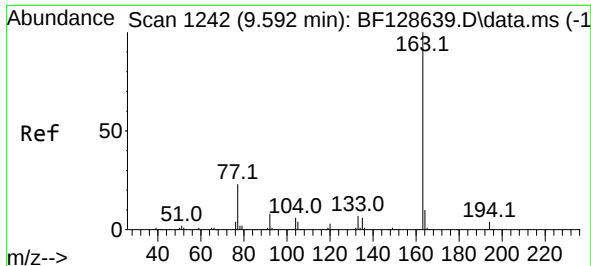
Ion Ratio Lower Upper

152 100

151 88.7 16.2 24.4#

153 86.4 10.7 16.1#

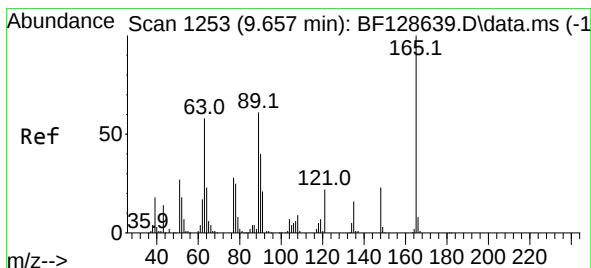
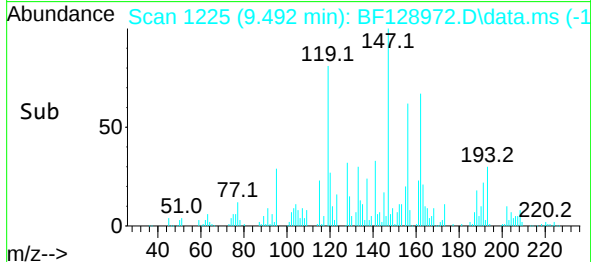
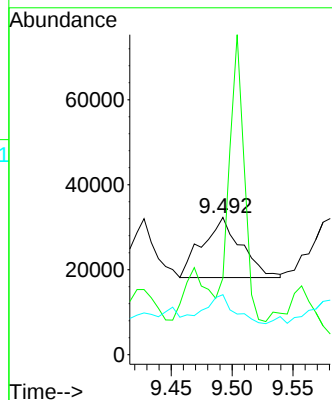
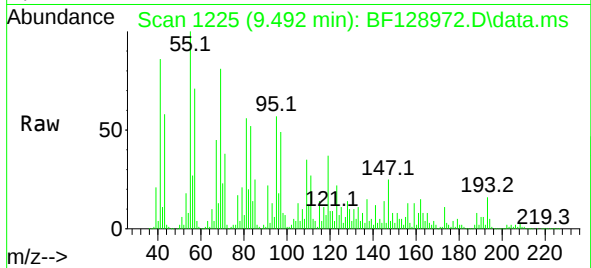




#50
 Dimethylphthalate
 Concen: 4.783 ng
 RT: 9.492 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128972.D
 Acq: 24 Jun 2022 00:58

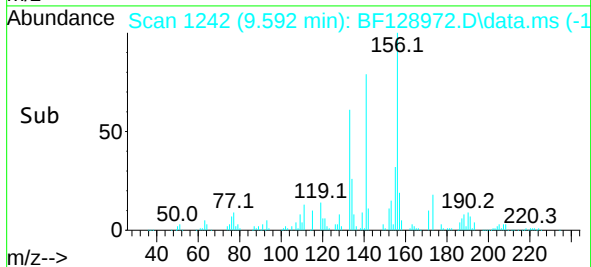
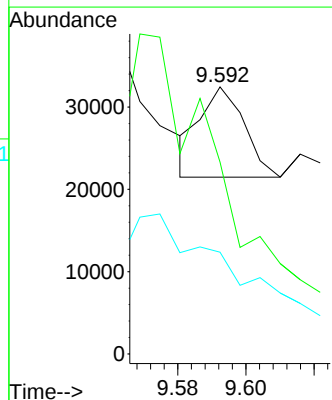
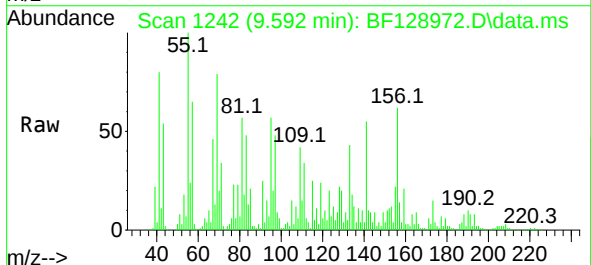
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2

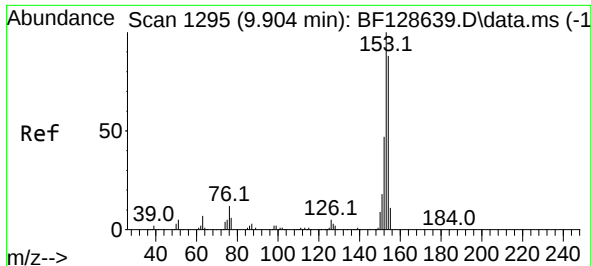
Tgt Ion:163 Resp: 31255
 Ion Ratio Lower Upper
 163 100
 194 55.8 3.2 4.8#
 164 43.7 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 9.592 min Scan# 1242
 Delta R.T. 0.029 min
 Lab File: BF128972.D
 Acq: 24 Jun 2022 00:58

Tgt Ion:165 Resp: 9811
 Ion Ratio Lower Upper
 165 100
 63 71.8 44.9 67.3#
 89 38.1 43.6 65.4#

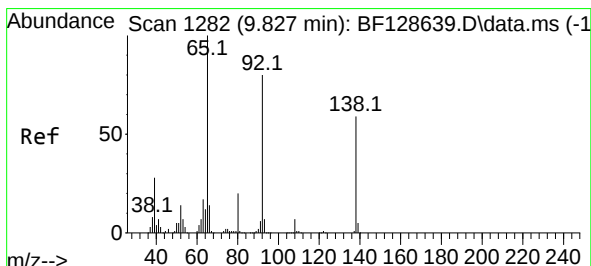
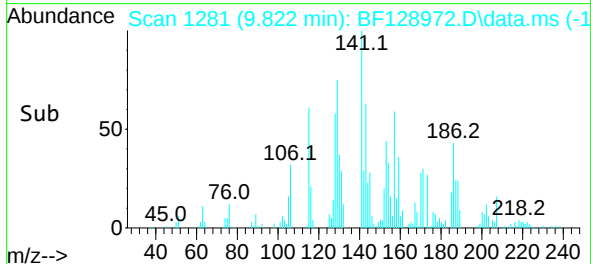
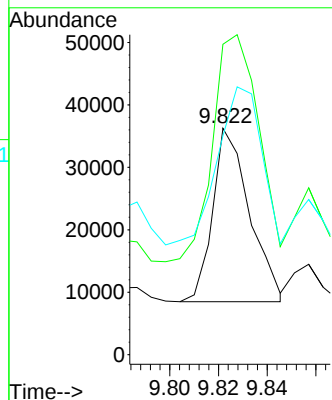
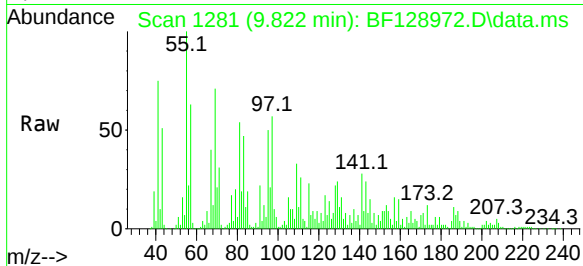




#52
Acenaphthene
Concen: 5.356 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.018 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

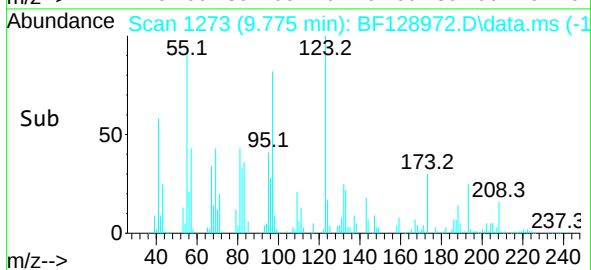
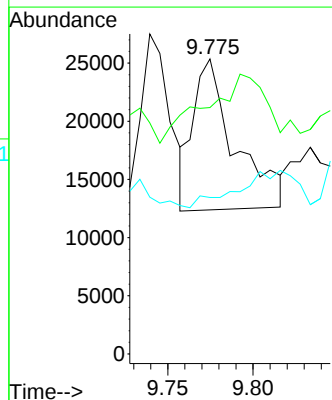
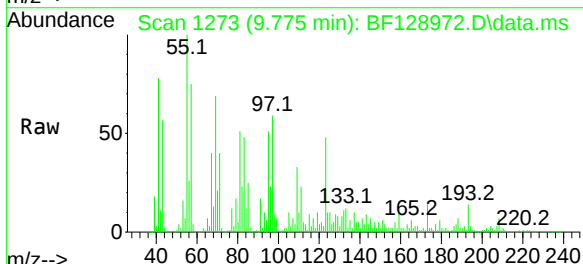
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

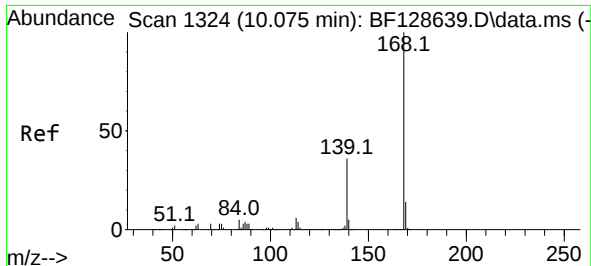
Tgt Ion:154 Resp: 29181
Ion Ratio Lower Upper
154 100
153 137.1 89.6 134.4#
152 96.7 42.4 63.6#



#53
3-Nitroaniline
Concen: 15.793 ng
RT: 9.775 min Scan# 1273
Delta R.T. 0.035 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:138 Resp: 22105
Ion Ratio Lower Upper
138 100
108 83.5 10.9 16.3#
92 53.1 98.2 147.2#

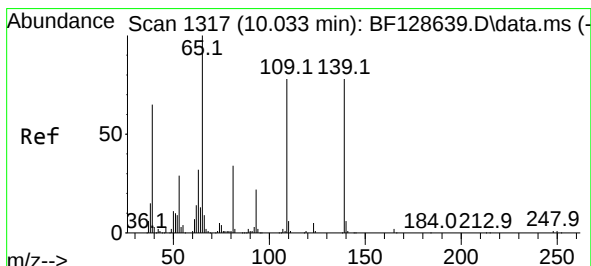
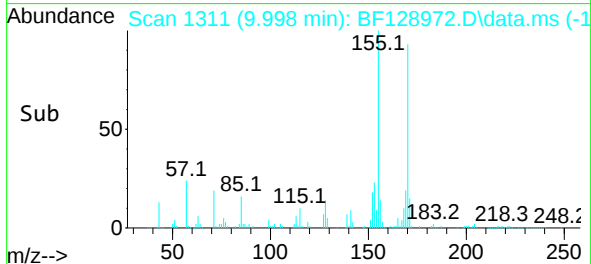
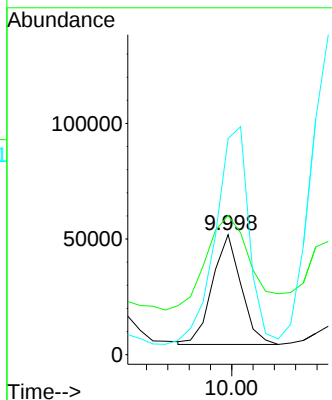
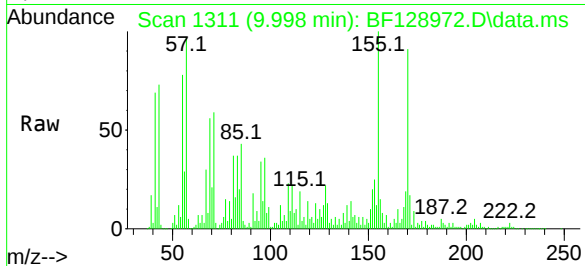




#55
Dibenzenofuran
Concen: 5.677 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.024 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

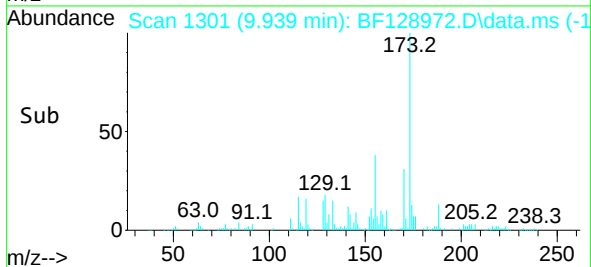
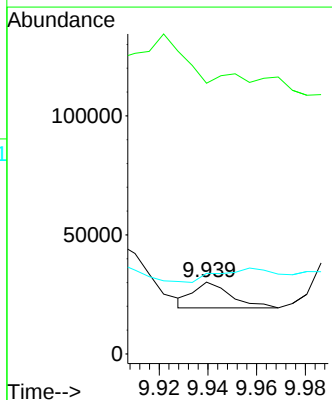
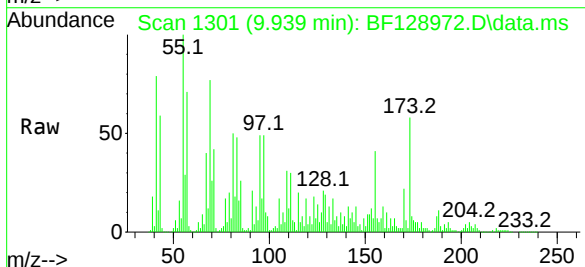
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

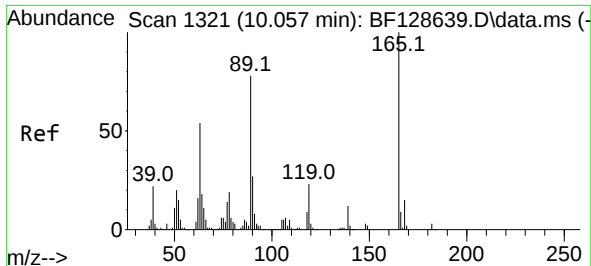
Tgt Ion:168 Resp: 44454
Ion Ratio Lower Upper
168 100
139 116.0 30.6 46.0#
169 180.2 11.0 16.6#



#56
4-Nitrophenol
Concen: 11.385 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.012 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:139 Resp: 11551
Ion Ratio Lower Upper
139 100
109 376.4 50.7 90.7#
65 112.0 74.5 114.5

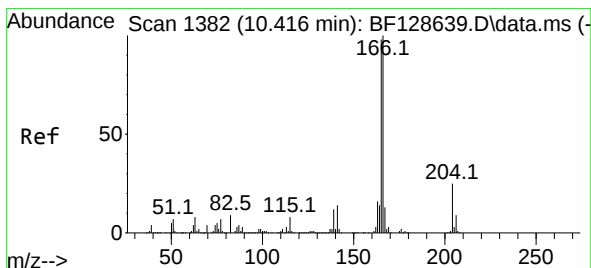
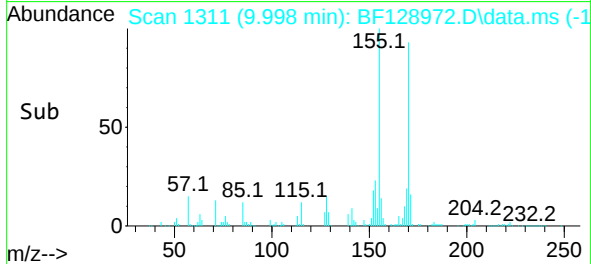
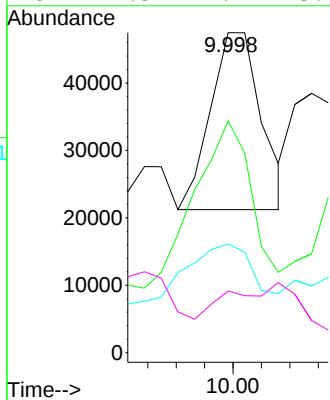
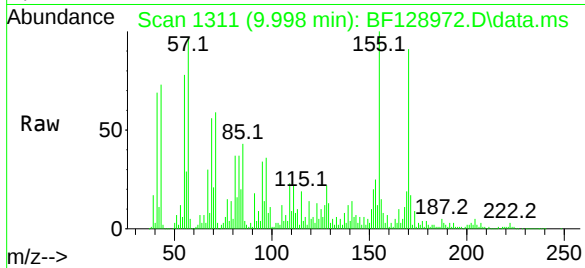




#57
2,4-Dinitrotoluene
Concen: 18.948 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.029 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

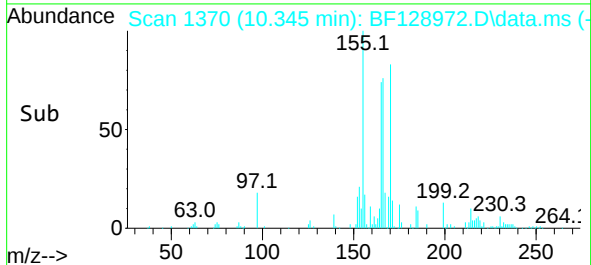
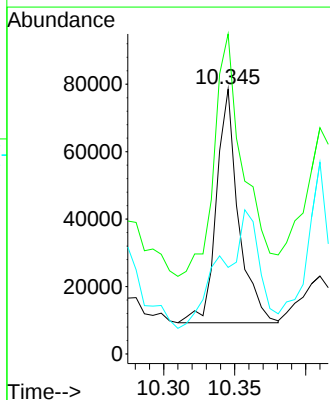
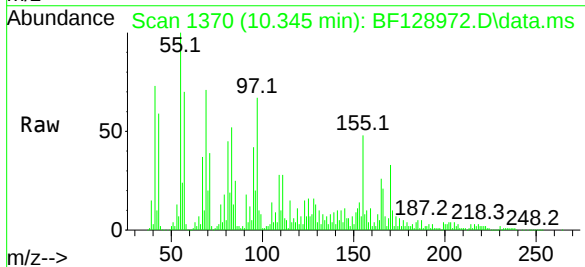
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

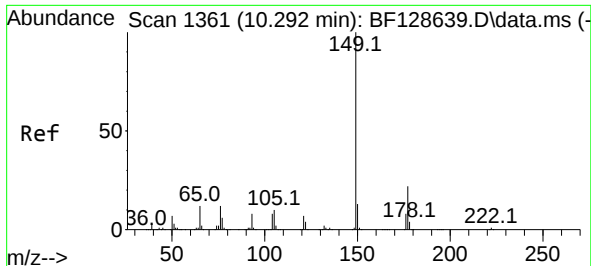
Tgt Ion:165 Resp: 32610
Ion Ratio Lower Upper
165 100
63 72.5 39.8 59.6#
89 34.0 60.2 90.2#
182 19.3 2.2 3.2#



#58
Fluorene
Concen: 12.341 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.029 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:166 Resp: 74946
Ion Ratio Lower Upper
166 100
165 120.8 78.1 117.1#
167 32.7 10.5 15.7#

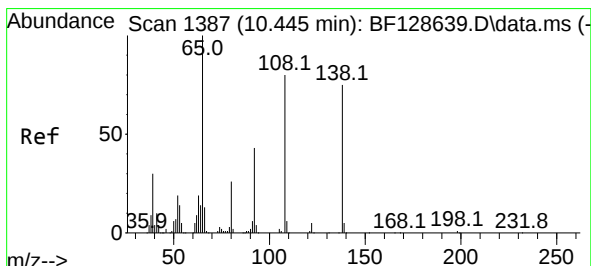
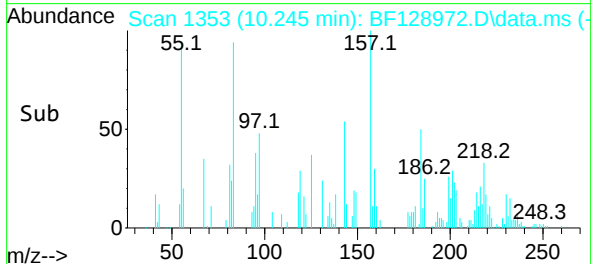
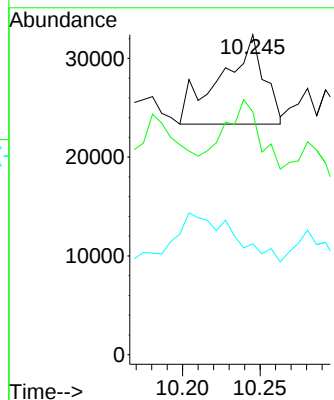
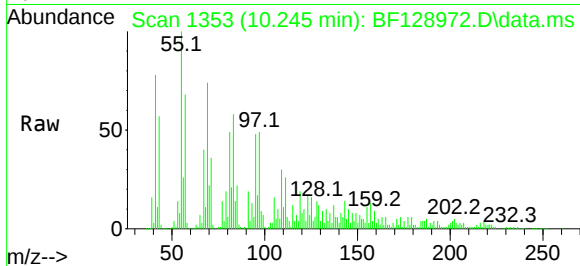




#60
Diethylphthalate
Concen: 2.670 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

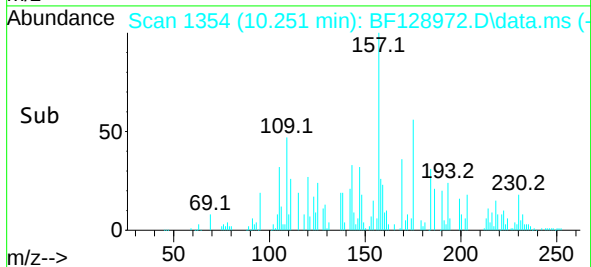
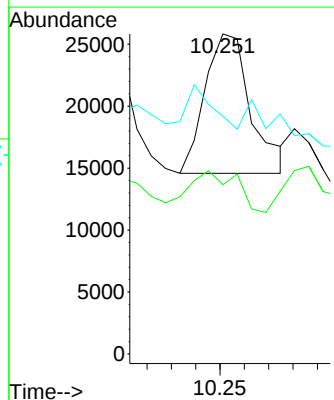
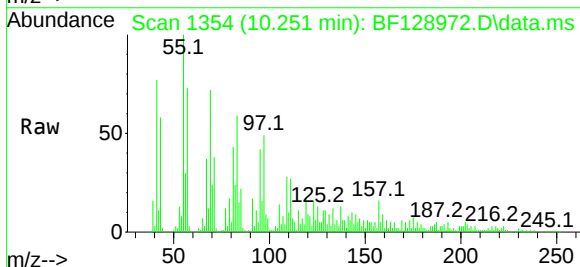
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

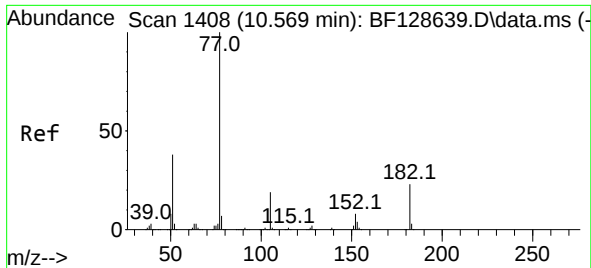
Tgt Ion:149 Resp: 17533
Ion Ratio Lower Upper
149 100
177 75.8 17.3 25.9#
150 34.7 10.2 15.2#



#62
4-Nitroaniline
Concen: 10.387 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.106 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:138 Resp: 14720
Ion Ratio Lower Upper
138 100
92 52.9 33.5 73.5
108 74.3 61.0 101.0

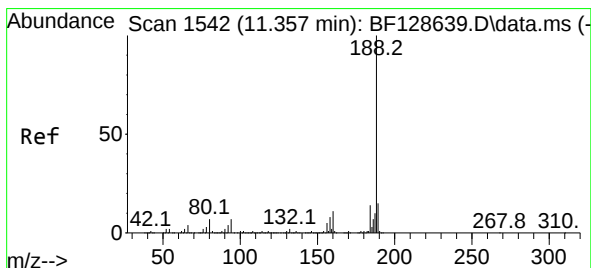
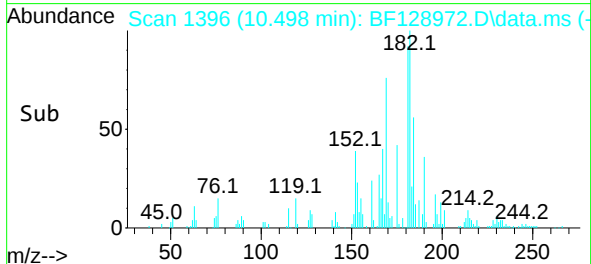
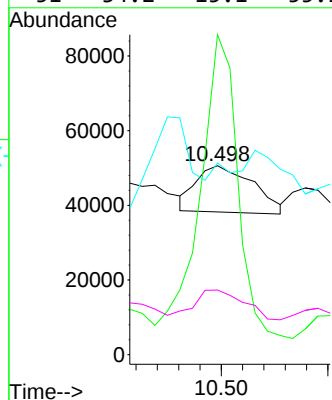
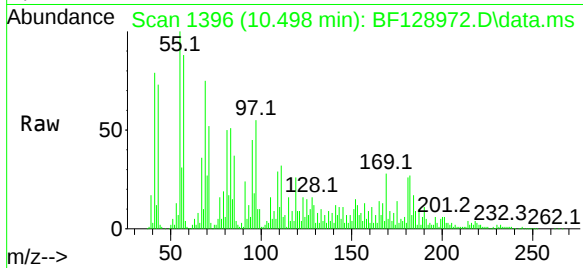




#63
 Azobenzene
 Concen: 3.542 ng
 RT: 10.498 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: BF128972.D
 Acq: 24 Jun 2022 00:58

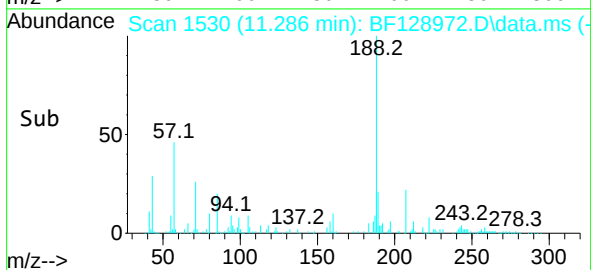
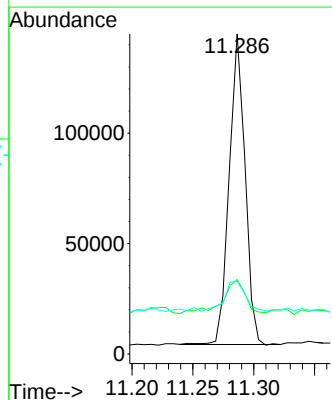
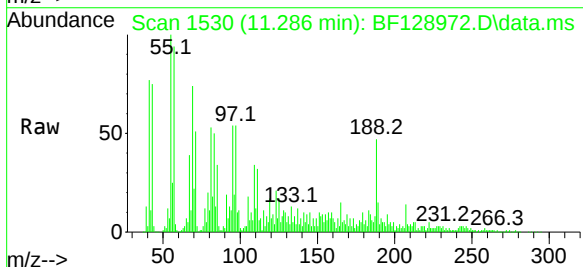
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2

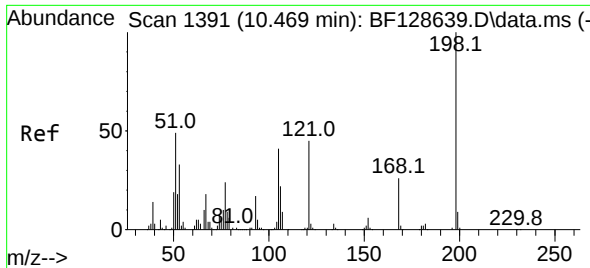
Tgt Ion: 77	Resp: 22897
Ion Ratio	Lower Upper
77 100	
182 169.4	5.6 45.6#
105 101.4	1.6 41.6#
51 34.2	15.1 55.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.286 min Scan# 1530
 Delta R.T. 0.035 min
 Lab File: BF128972.D
 Acq: 24 Jun 2022 00:58

Tgt Ion: 188	Resp: 127761
Ion Ratio	Lower Upper
188 100	
94 23.3	7.0 10.6#
80 22.7	7.6 11.4#

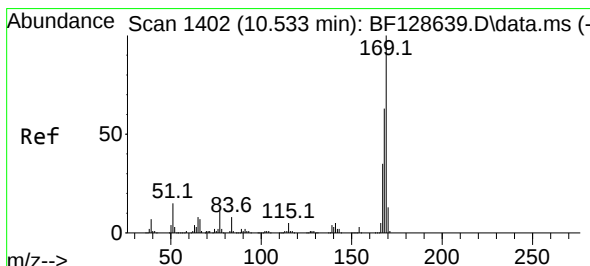
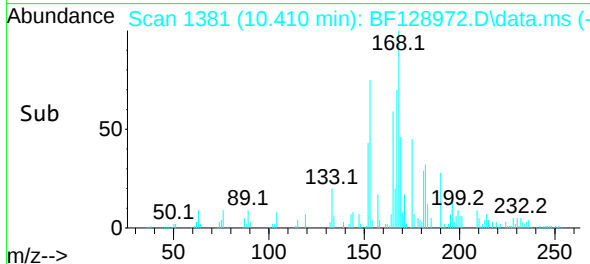
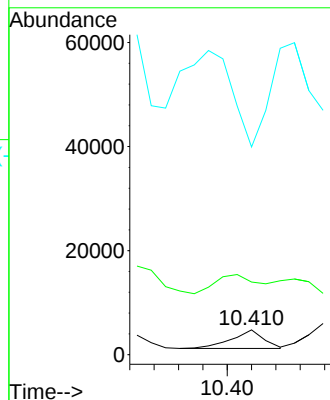
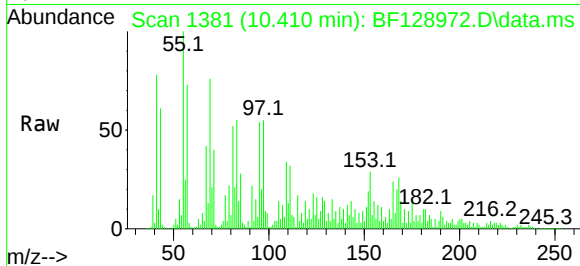




#65
4,6-Dinitro-2-methylphenol
Concen: 4.307 ng
RT: 10.410 min Scan# 1381
Delta R.T. 0.024 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

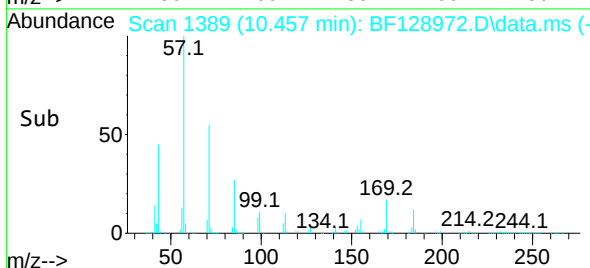
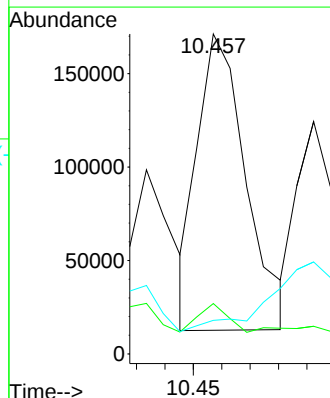
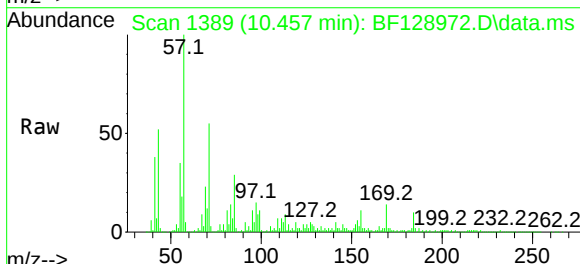
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

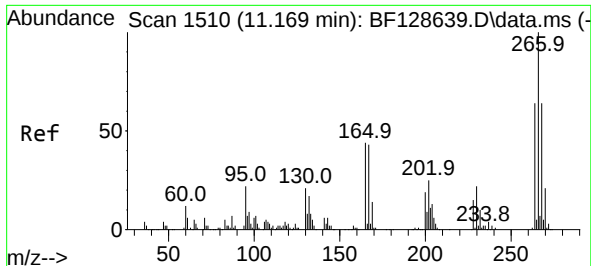
Tgt Ion:198 Resp: 3247
Ion Ratio Lower Upper
198 100
51 292.1 37.6 77.6#
105 835.1 27.0 67.0#



#66
n-Nitrosodiphenylamine
Concen: 47.897 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.024 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:169 Resp: 188088
Ion Ratio Lower Upper
169 100
168 15.7 50.1 75.1#
167 10.5 27.9 41.9#

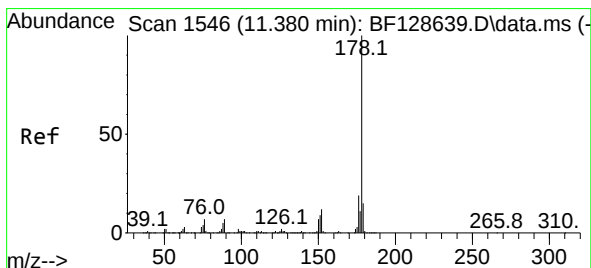
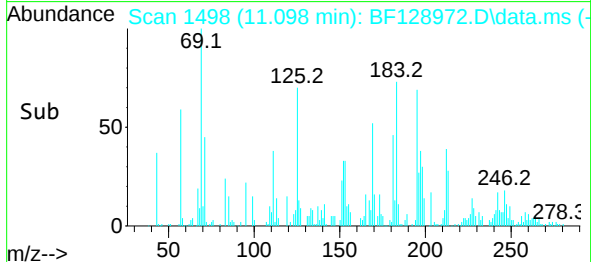
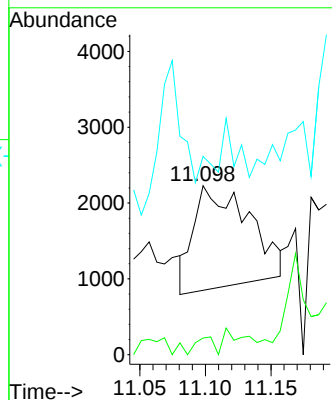
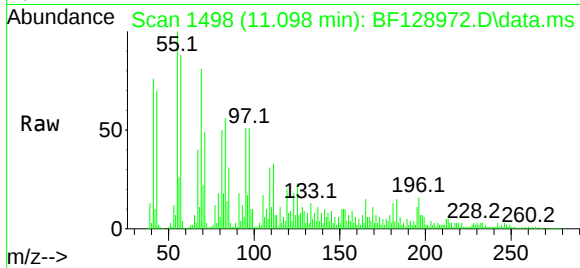




#70
Pentachlorophenol
Concen: 4.976 ng
RT: 11.098 min Scan# 1498
Delta R.T. 0.029 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

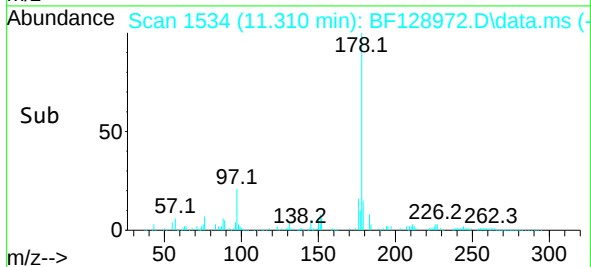
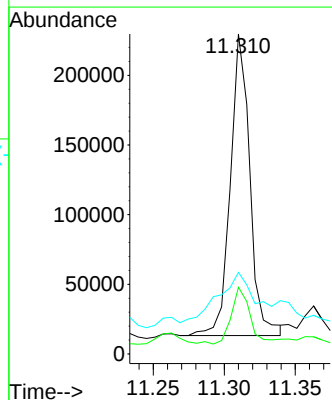
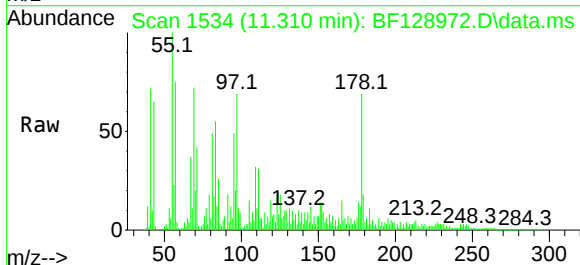
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

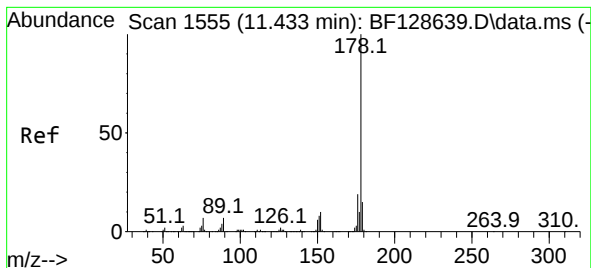
Tgt Ion:266 Resp: 3930
Ion Ratio Lower Upper
266 100
268 9.9 51.0 76.4#
264 117.4 49.4 74.2#



#71
Phenanthrene
Concen: 32.269 ng
RT: 11.310 min Scan# 1534
Delta R.T. 0.029 min
Lab File: BF128972.D
Acq: 24 Jun 2022 00:58

Tgt Ion:178 Resp: 206787
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 25.5 12.6 19.0#





#72

Anthracene

Concen: 2.400 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

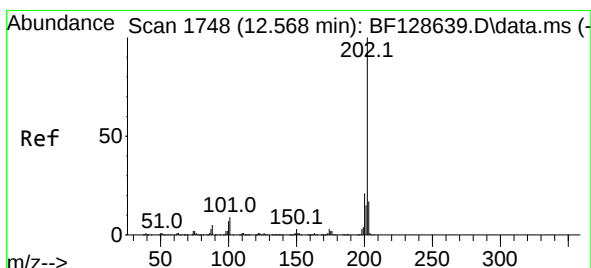
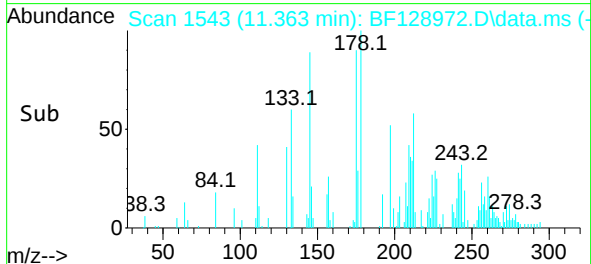
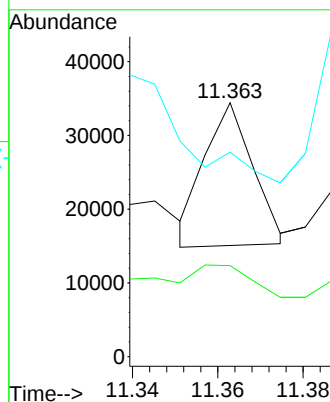
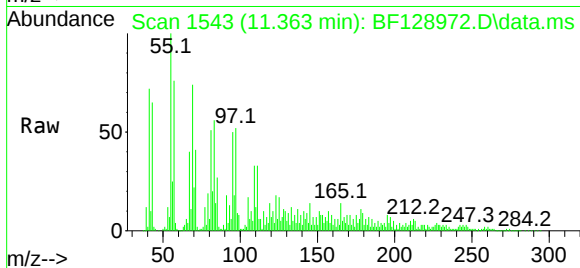
Tgt Ion:178 Resp: 15220

Ion Ratio Lower Upper

178 100

176 35.9 15.4 23.2#

179 80.6 12.6 19.0#



#75

Fluoranthene

Concen: 11.378 ng

RT: 12.733 min Scan# 1776

Delta R.T. 0.265 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

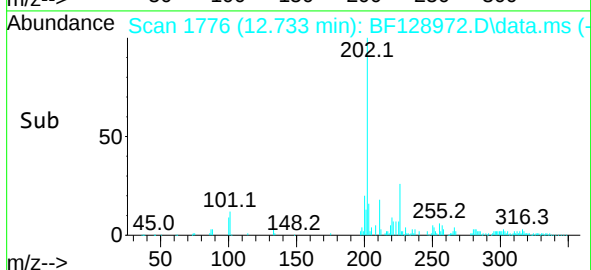
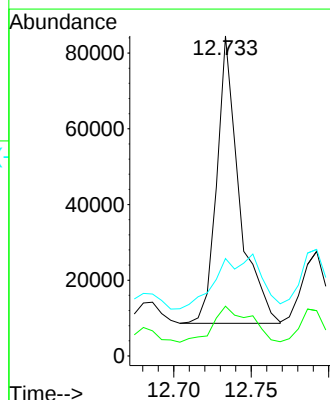
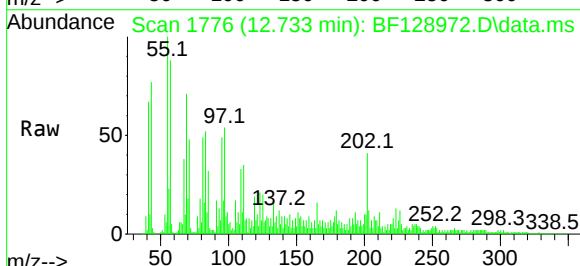
Tgt Ion:202 Resp: 76213

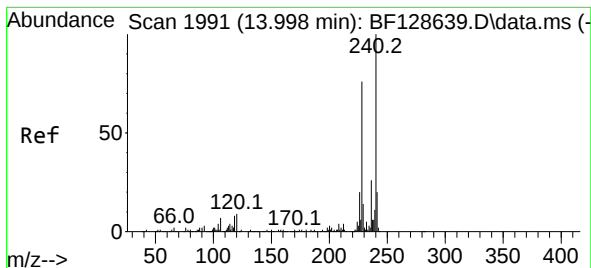
Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.4

203 30.5 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 1991

Delta R.T. 0.024 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

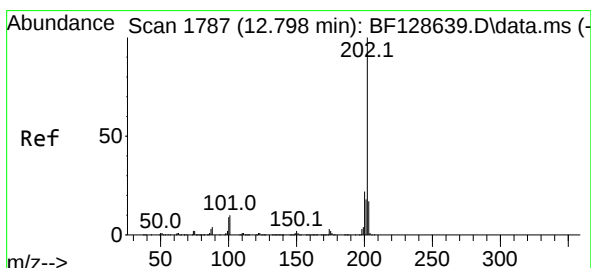
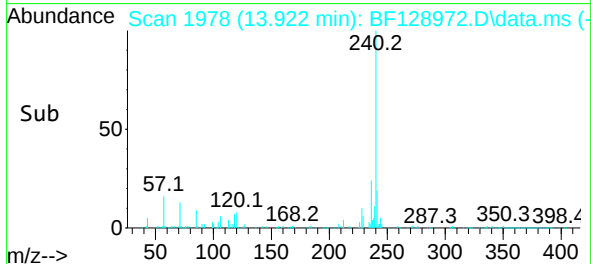
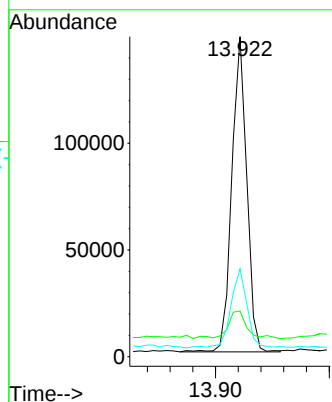
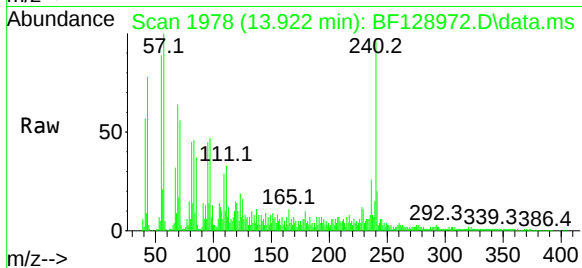
Tgt Ion:240 Resp: 134559

Ion Ratio Lower Upper

240 100

120 14.2 8.9 13.3#

236 27.5 20.8 31.2



#78

Pyrene

Concen: 7.959 ng

RT: 12.733 min Scan# 1776

Delta R.T. 0.035 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

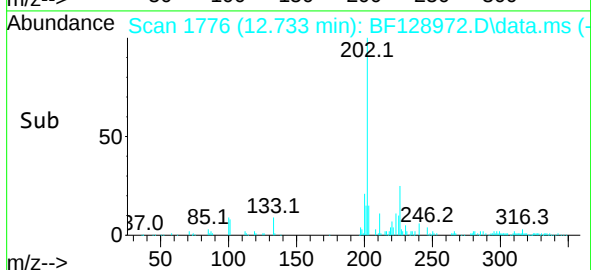
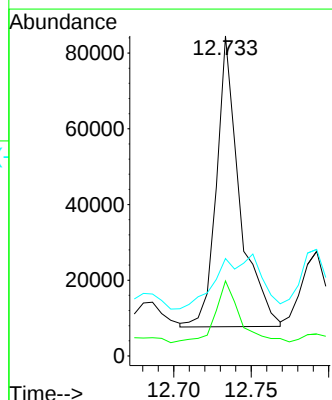
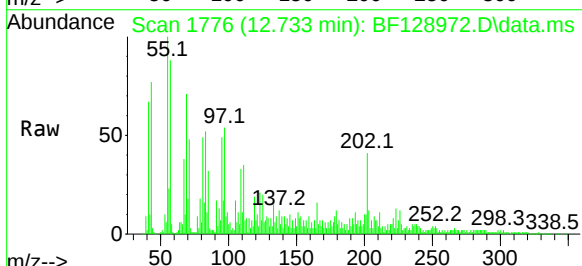
Tgt Ion:202 Resp: 79676

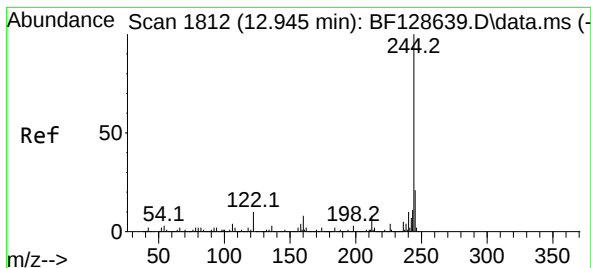
Ion Ratio Lower Upper

202 100

200 23.4 17.7 26.5

203 30.5 14.6 21.8#





#79

Terphenyl-d14

Concen: 40.273 ng

RT: 12.869 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

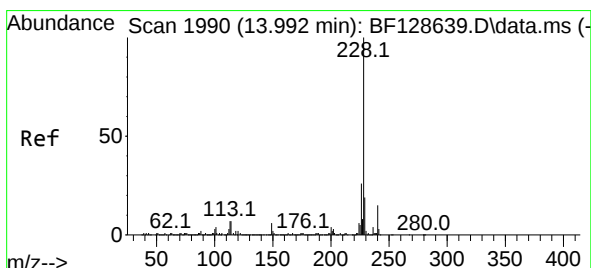
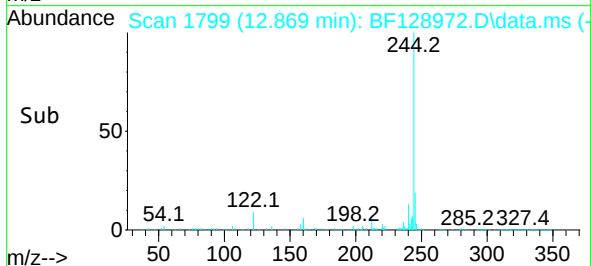
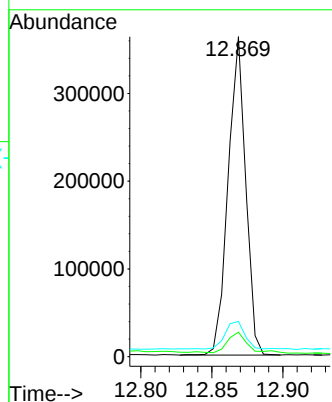
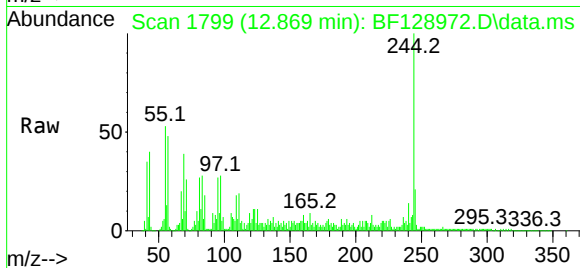
Tgt Ion:244 Resp: 311868

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 11.0 8.8 13.2



#81

Benzo(a)anthracene

Concen: 4.461 ng

RT: 13.910 min Scan# 1976

Delta R.T. 0.024 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

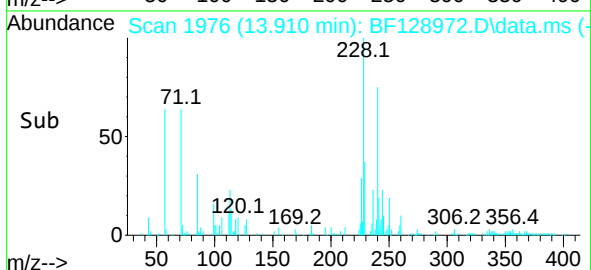
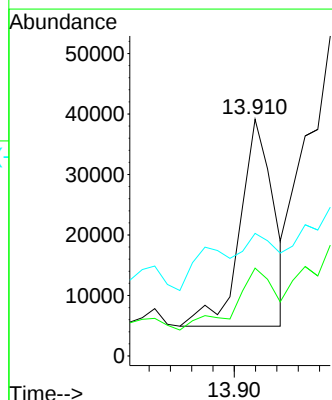
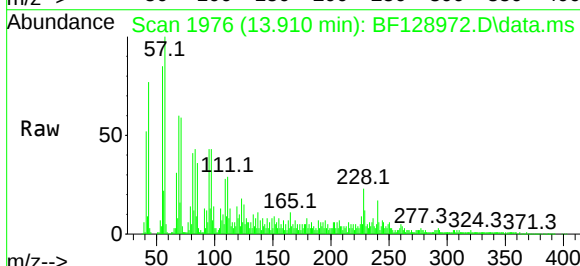
Tgt Ion:228 Resp: 37416

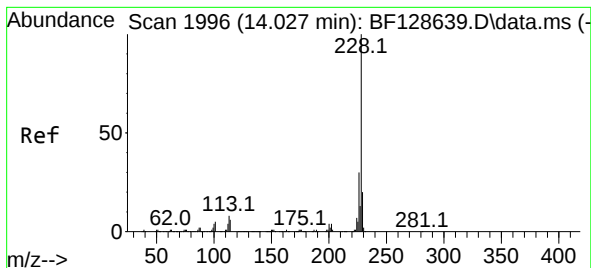
Ion Ratio Lower Upper

228 100

226 37.1 22.1 33.1#

229 51.8 15.8 23.8#





#83

Chrysene

Concen: 7.058 ng

RT: 13.945 min Scan# 1996

Delta R.T. 0.018 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

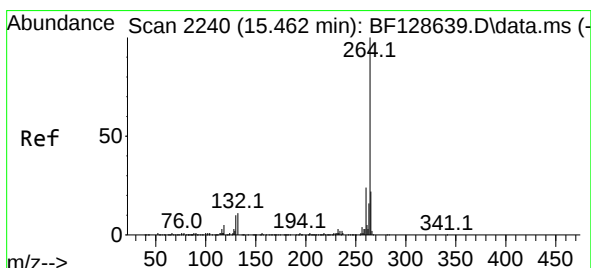
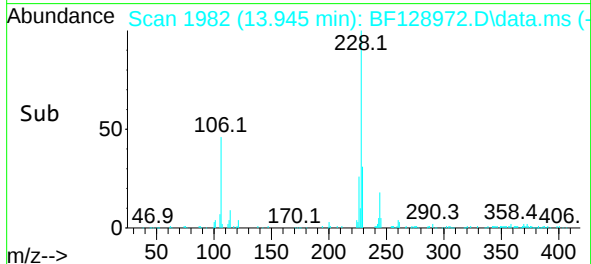
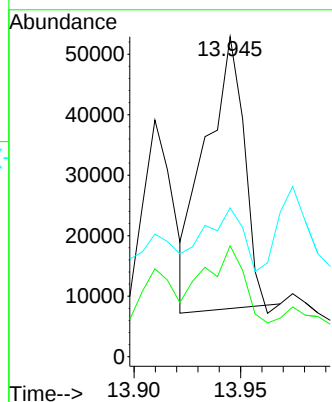
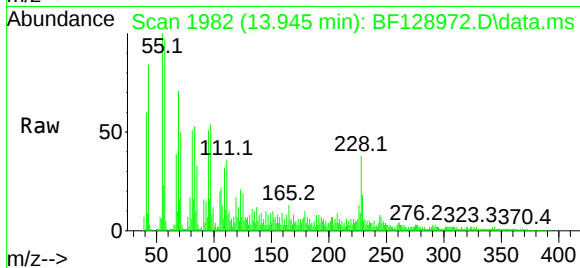
Tgt Ion:228 Resp: 56438

Ion Ratio Lower Upper

228 100

226 34.6 24.3 36.5

229 46.5 15.9 23.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.363 min Scan# 2223

Delta R.T. 0.035 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

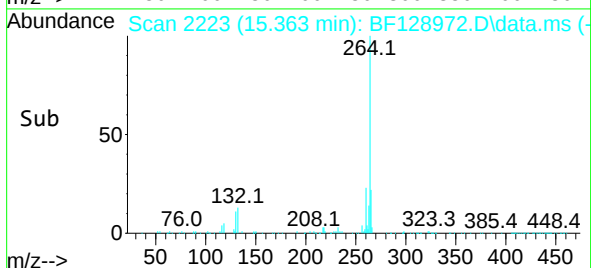
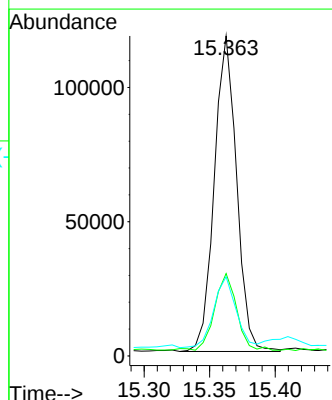
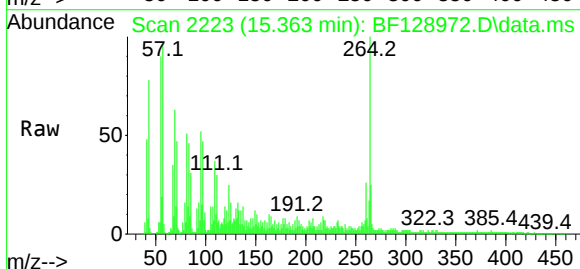
Tgt Ion:264 Resp: 138818

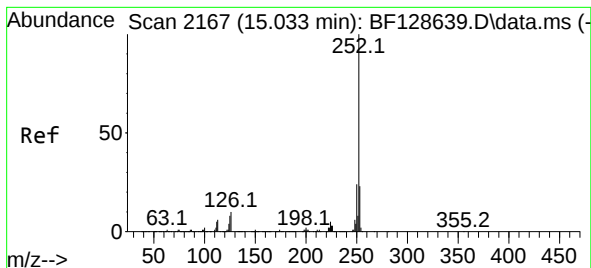
Ion Ratio Lower Upper

264 100

260 25.7 18.4 27.6

265 24.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 4.987 ng

RT: 14.945 min Scan# 2152

Delta R.T. 0.024 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

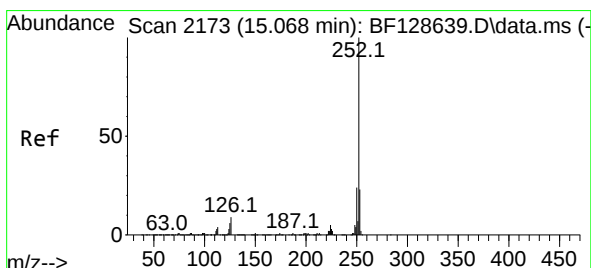
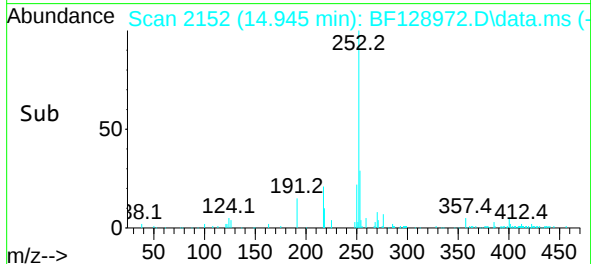
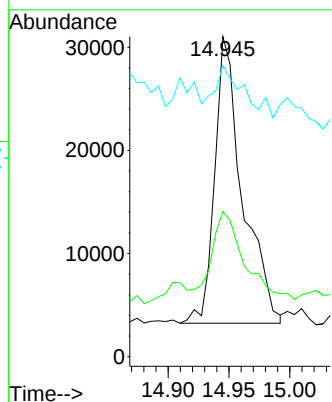
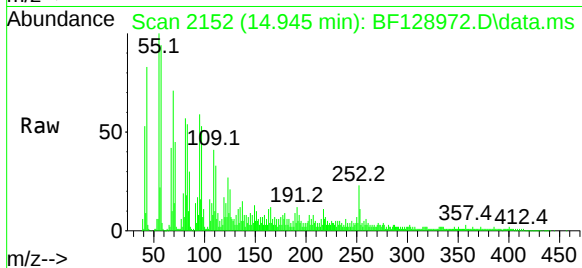
Tgt Ion:252 Resp: 44234

Ion Ratio Lower Upper

252 100

253 45.4 17.7 26.5#

125 91.0 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 5.301 ng

RT: 14.945 min Scan# 2152

Delta R.T. -0.006 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

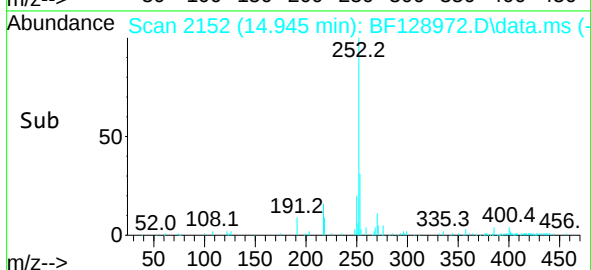
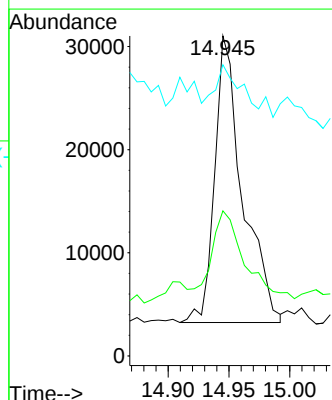
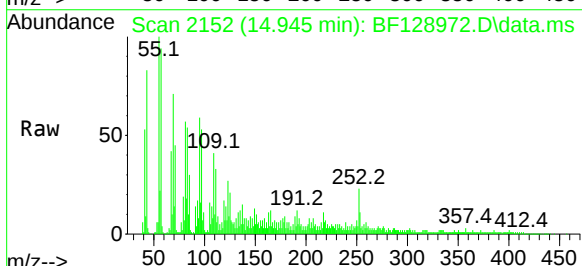
Tgt Ion:252 Resp: 44234

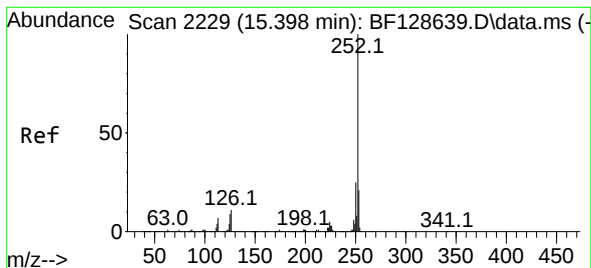
Ion Ratio Lower Upper

252 100

253 45.4 17.8 26.6#

125 91.0 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.326 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

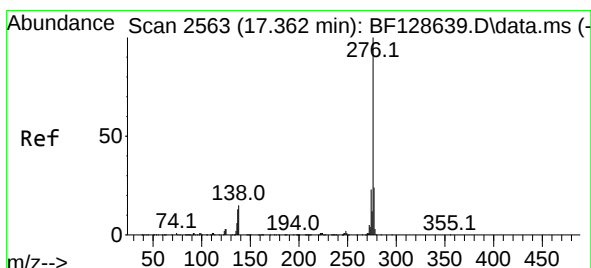
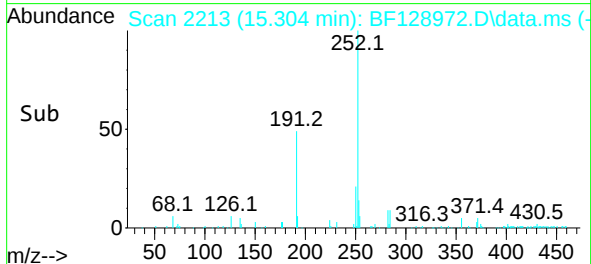
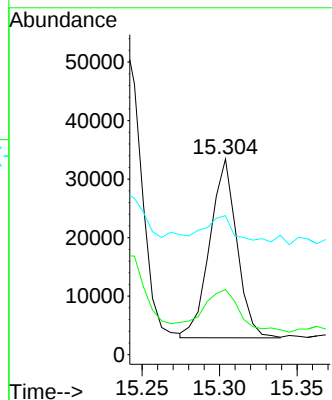
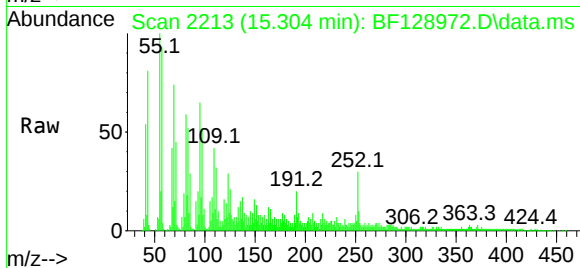
Tgt Ion:252 Resp: 37130

Ion Ratio Lower Upper

252 100

253 33.3 17.0 25.6#

125 71.0 8.8 13.2#



#92

Benzo(g,h,i)perylene

Concen: 3.688 ng

RT: 17.204 min Scan# 2536

Delta R.T. 0.035 min

Lab File: BF128972.D

Acq: 24 Jun 2022 00:58

Tgt Ion:276 Resp: 25368

Ion Ratio Lower Upper

276 100

277 26.1 19.1 28.7

138 22.5 18.0 27.0

