

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128762.D
 Acq On : 10 Jun 2022 16:48
 Operator : CG\JU
 Sample : N3286-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101R

Quant Time: Jun 11 01:27:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

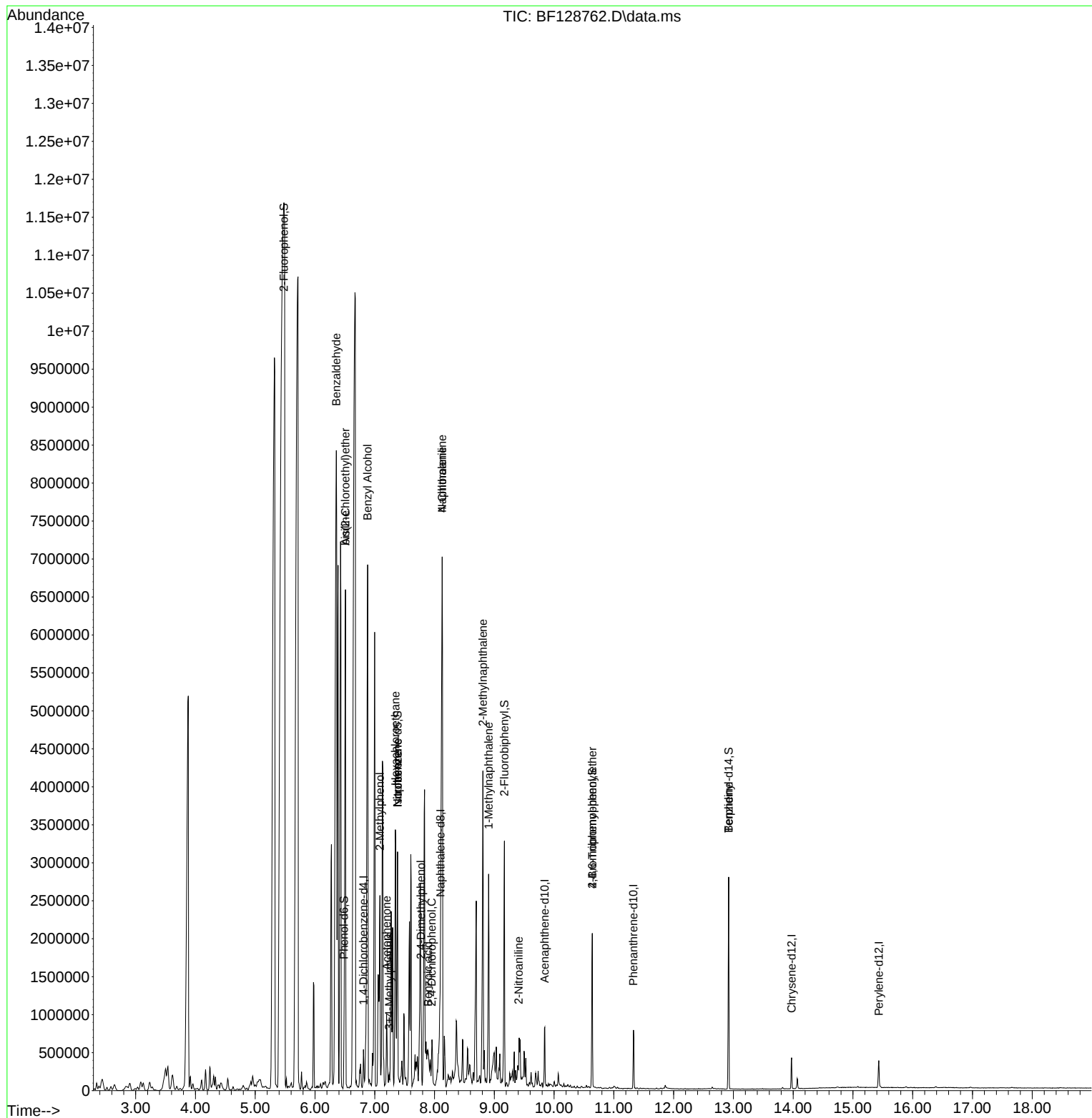
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	67981	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	263113	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	156344	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	277677	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	140589	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	154975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	112761	26.421	ng	0.02
7) Phenol-d6	6.487	99	186466	35.792	ng	0.00
23) Nitrobenzene-d5	7.381	82	498892	88.280	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	242968	131.527	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1001446	89.727	ng	0.00
79) Terphenyl-d14	12.921	244	915466	113.149	ng	-0.01
Target Compounds						
6) Aniline	6.510	93	14741	2.624	ng	# 1
9) Benzaldehyde	6.357	77	798246	251.503	ng	# 1
11) bis(2-Chloroethyl)ether	6.510	93	14741	3.653	ng	# 1
15) Benzyl Alcohol	6.881	79	300709	68.987	ng	# 10
17) 2-Methylphenol	7.086	107	18100	5.244	ng	# 1
18) Hexachloroethane	7.345	117	262597	138.427	ng	# 1
20) 3+4-Methylphenols	7.239	107	33372	7.242	ng	# 76
22) Acetophenone	7.198	105	397722	57.795	ng	# 57
24) Nitrobenzene	7.381	77	31053	5.985	ng	# 5
25) Isophorone	7.381	82	491155	57.224	ng	# 65
27) 2,4-Dimethylphenol	7.775	122	158019	45.380	ng	# 88
29) 2,4-Dichlorophenol	7.951	162	9324	2.314	ng	# 29
31) Naphthalene	8.128	128	4774353	353.574	ng	97
32) Benzoic acid	7.892	122	43898	17.769	ng	# 70
33) 4-Chloroaniline	8.128	127	667409	131.095	ng	# 29
37) 2-Methylnaphthalene	8.810	142	1245896	145.062	ng	99
38) 1-Methylnaphthalene	8.904	142	581605	70.089	ng	100
48) 2-Nitroaniline	9.410	65	18579	6.070	ng	# 23
67) 4-Bromophenyl-phenylether	10.639	248	15620	5.044	ng	# 1
77) Benzidine	12.921	184	12886	4.598	ng	# 89

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

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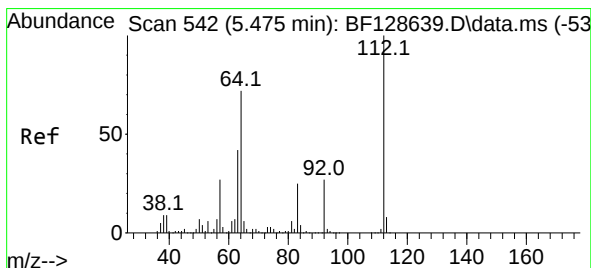
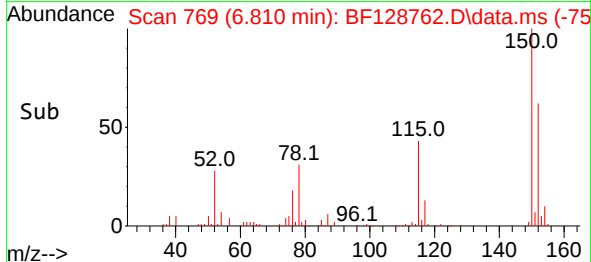
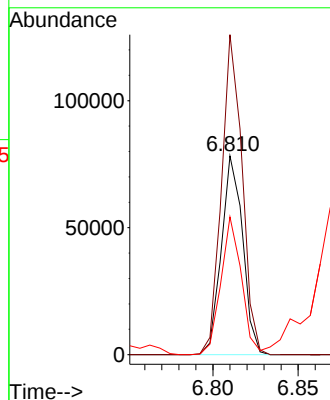
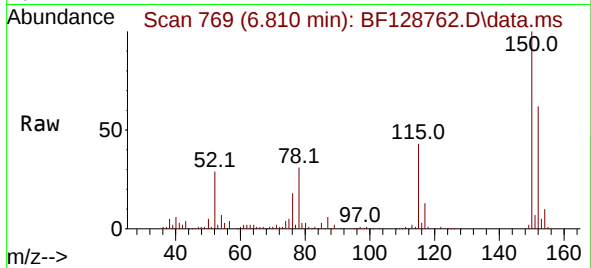




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

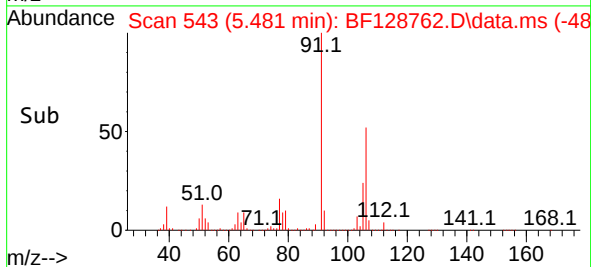
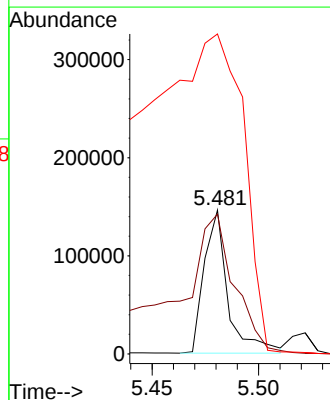
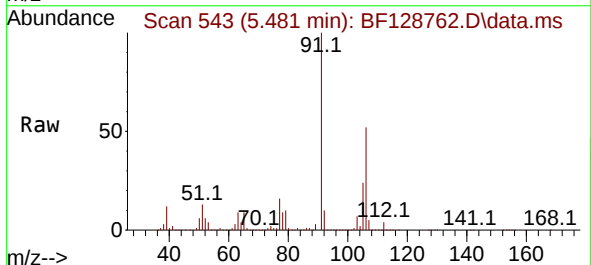
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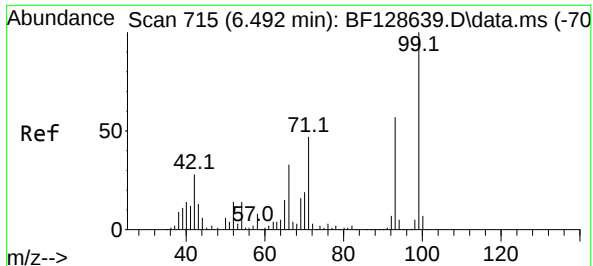
Tgt Ion:152 Resp: 67981
Ion Ratio Lower Upper
152 100
150 161.0 123.7 185.5
115 69.3 49.9 74.9



#5
2-Fluorophenol
Concen: 26.421 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.023 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:112 Resp: 112761
Ion Ratio Lower Upper
112 100
64 97.2 53.3 79.9#
63 222.5 28.0 42.0#

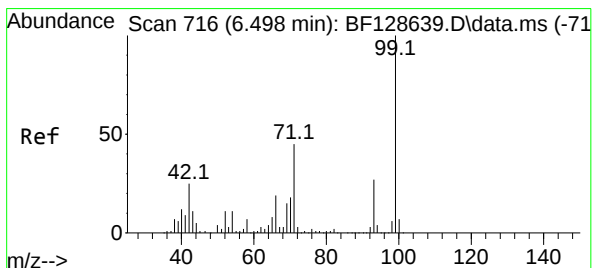
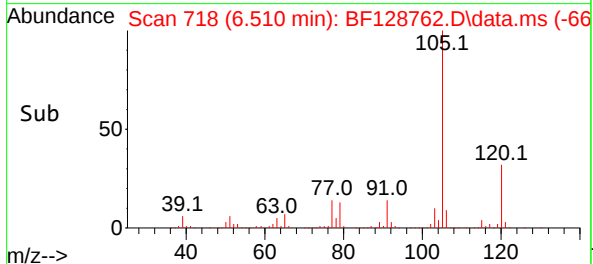
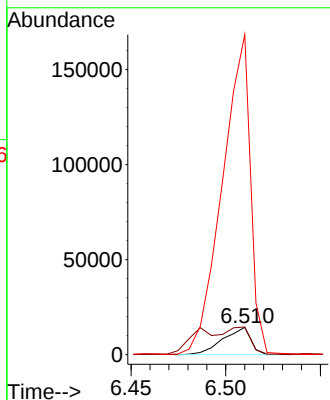
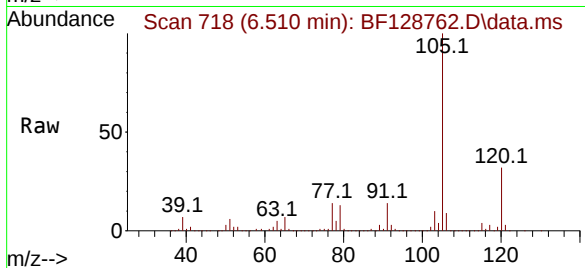




#6
Aniline
Concen: 2.624 ng
RT: 6.510 min Scan# 715
Delta R.T. 0.029 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

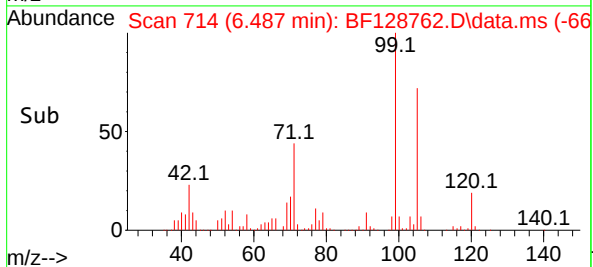
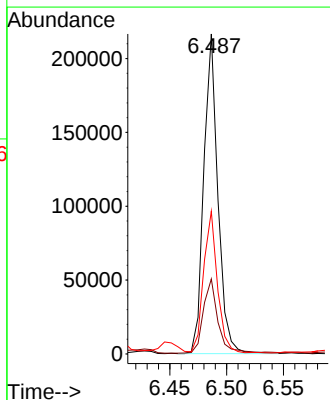
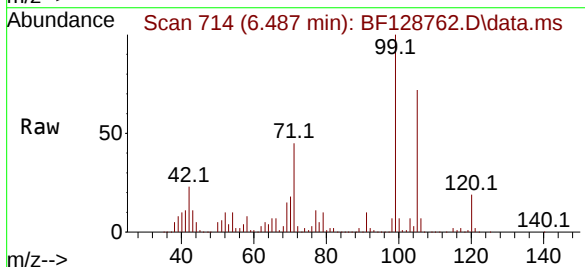
Instrument :
BNA_F
ClientSampleId :
MW-101R

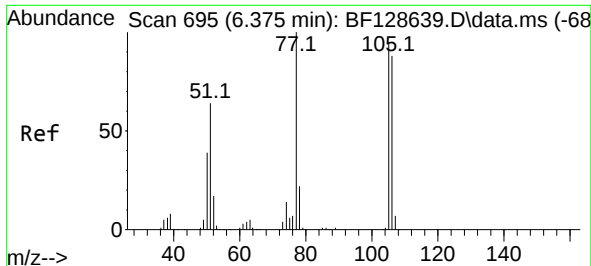
Tgt Ion: 93 Resp: 14741
Ion Ratio Lower Upper
93 100
66 101.4 32.5 48.7#
65 1171.4 16.4 24.6#



#7
Phenol-d6
Concen: 35.792 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion: 99 Resp: 186466
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 44.6 28.9 43.3#

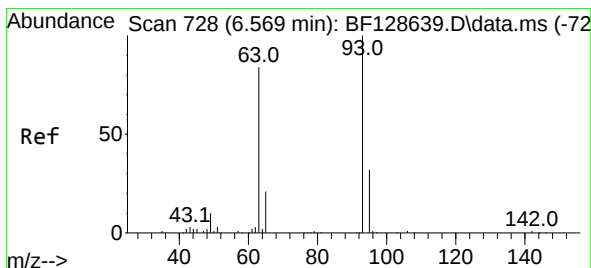
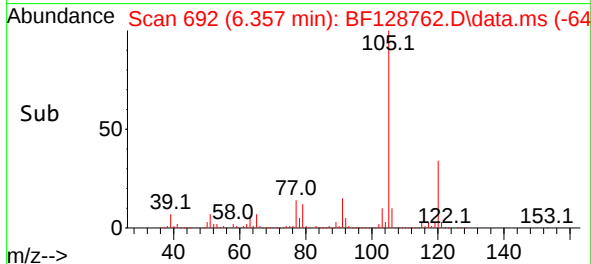
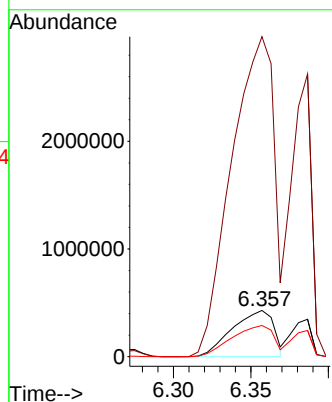
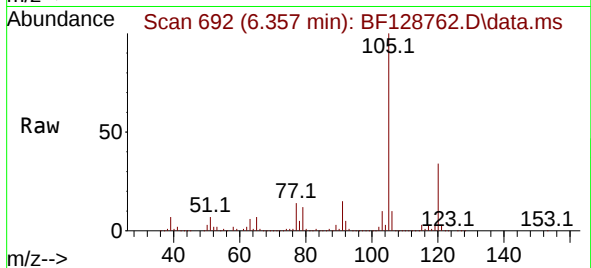




#9
Benzaldehyde
Concen: 251.503 ng
RT: 6.357 min Scan# 695
Delta R.T. -0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

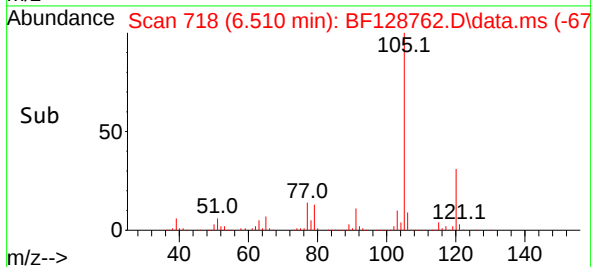
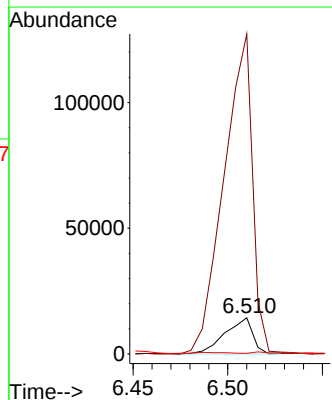
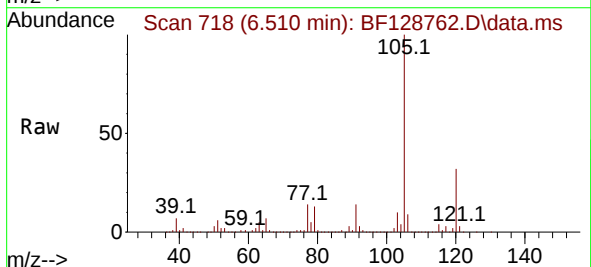
Instrument :
BNA_F
ClientSampleId :
MW-101R

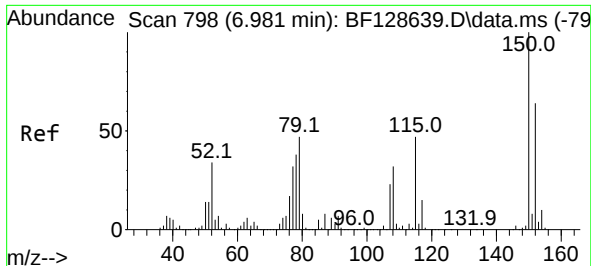
Tgt Ion: 77 Resp: 798246
Ion Ratio Lower Upper
77 100
105 692.5 81.6 121.6#
106 67.4 76.1 116.1#



#11
bis(2-Chloroethyl)ether
Concen: 3.653 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.042 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion: 93 Resp: 14741
Ion Ratio Lower Upper
93 100
63 885.4 67.4 107.4#
95 1.9 12.7 52.7#

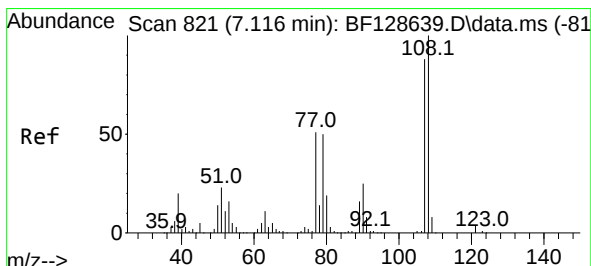
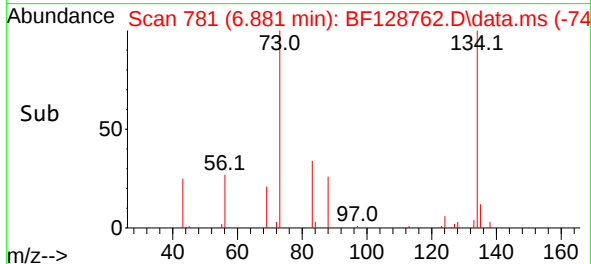
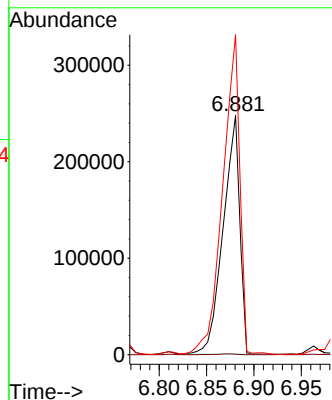
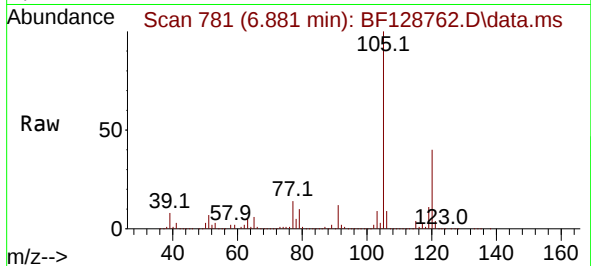




#15
Benzyl Alcohol
Concen: 68.987 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.083 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

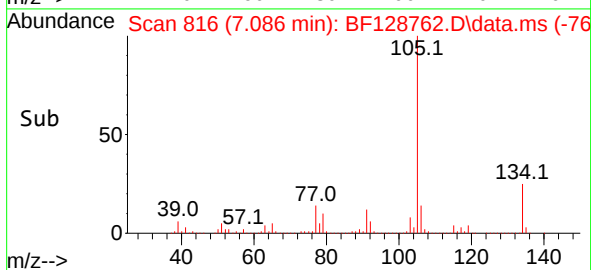
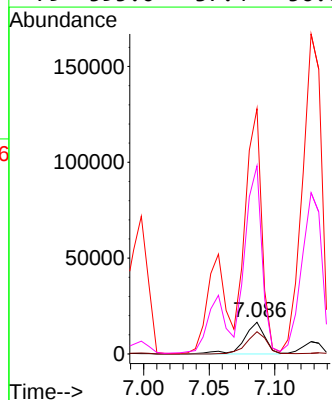
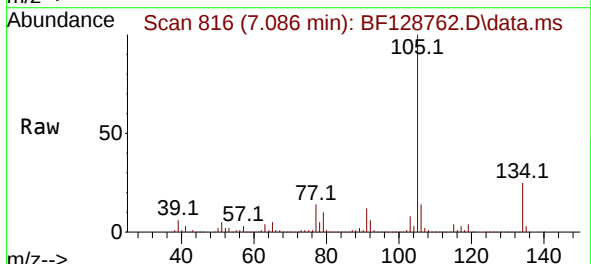
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ClientSampleId :
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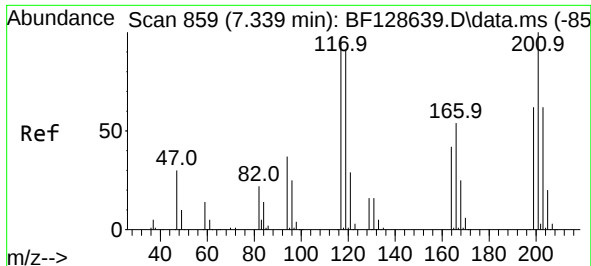
Tgt Ion: 79 Resp: 300709
Ion Ratio Lower Upper
79 100
108 0.2 61.8 92.6#
77 133.8 50.2 75.4#



#17
2-Methylphenol
Concen: 5.244 ng
RT: 7.086 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion: 107 Resp: 18100
Ion Ratio Lower Upper
107 100
108 70.2 91.9 137.9#
77 775.5 37.8 56.8#
79 595.0 37.4 56.0#

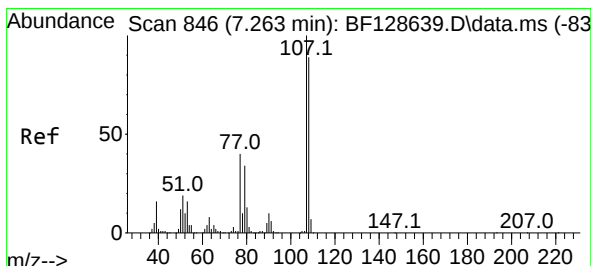
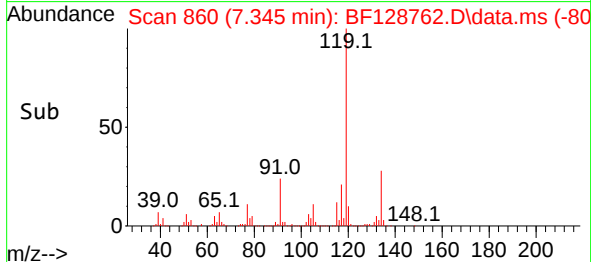
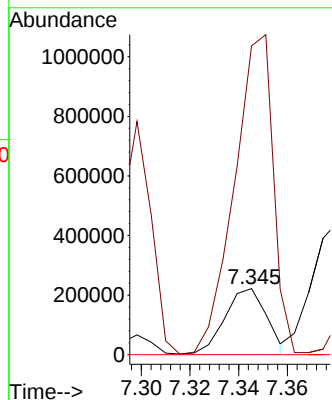
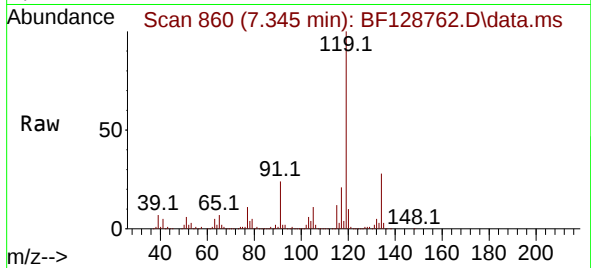




#18
Hexachloroethane
Concen: 138.427 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.023 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

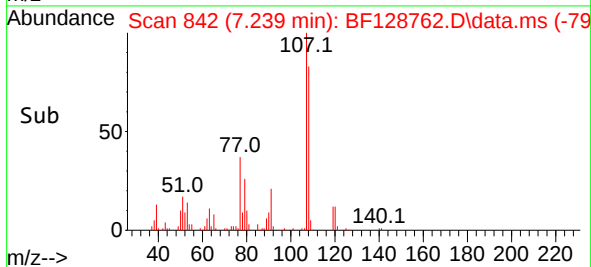
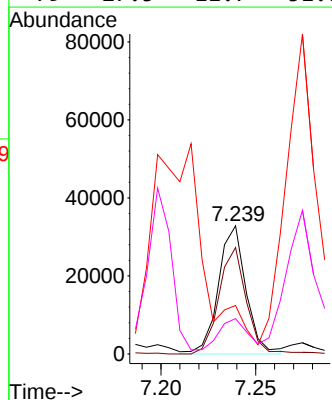
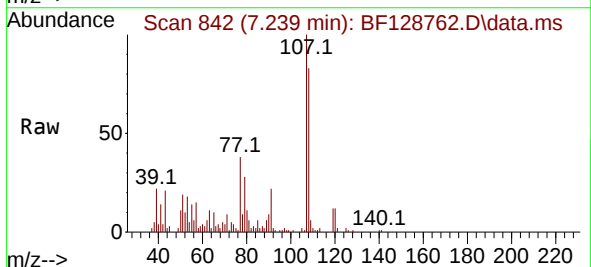
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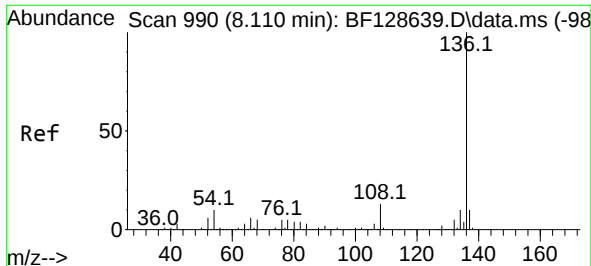
Tgt Ion:117 Resp: 262597
Ion Ratio Lower Upper
117 100
119 467.0 77.4 116.2#
201 0.0 84.6 127.0#



#20
3+4-Methylphenols
Concen: 7.242 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:107 Resp: 33372
Ion Ratio Lower Upper
107 100
108 83.1 71.8 111.8
77 37.9 59.3 99.3#
79 27.5 11.7 51.7

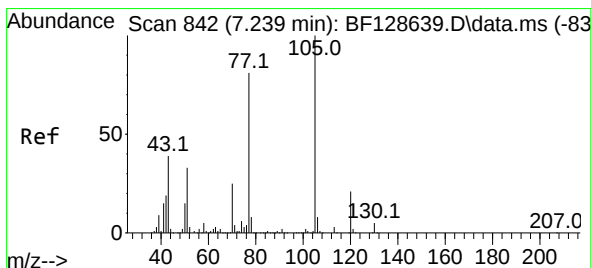
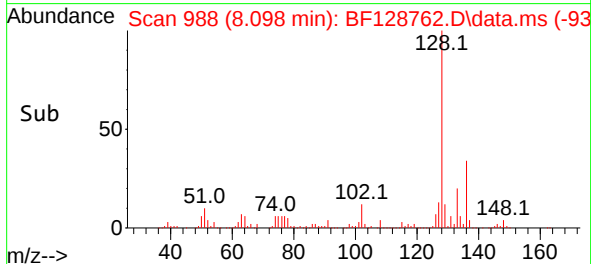
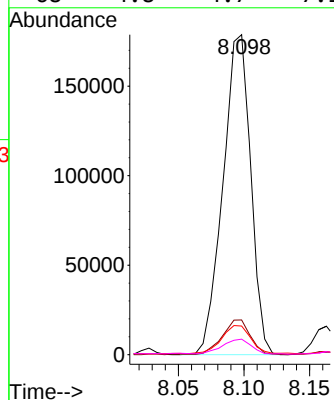
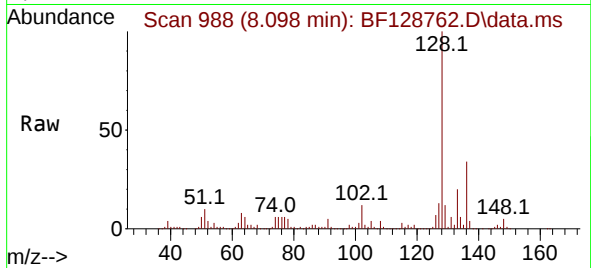




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

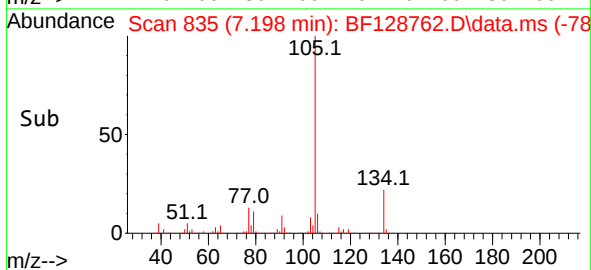
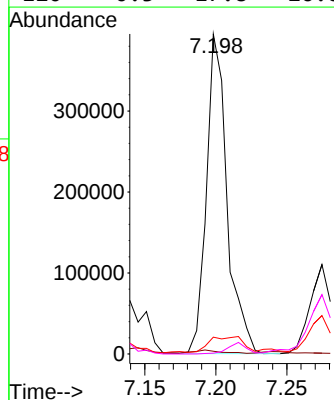
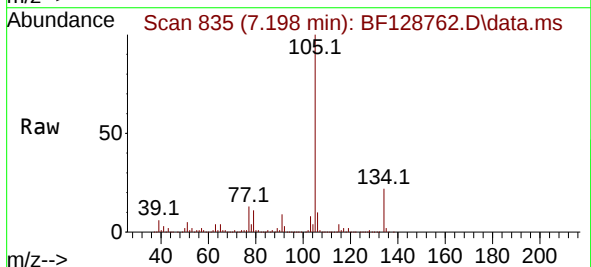
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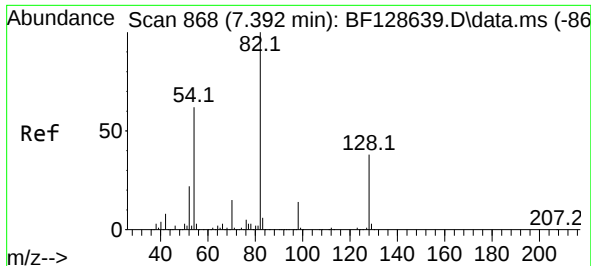
Tgt Ion:136 Resp: 263113
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 4.8 4.7 7.1



#22
Acetophenone
Concen: 57.795 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.030 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:105 Resp: 397722
Ion Ratio Lower Upper
105 100
71 0.8 5.0 7.4#
51 5.3 25.0 37.4#
120 0.3 17.8 26.8#

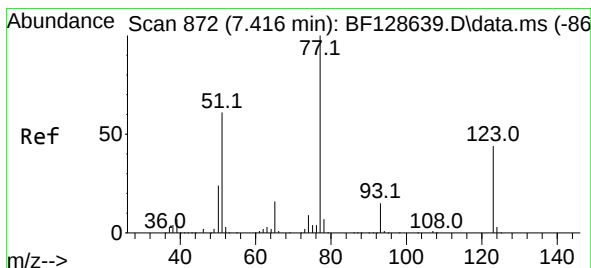
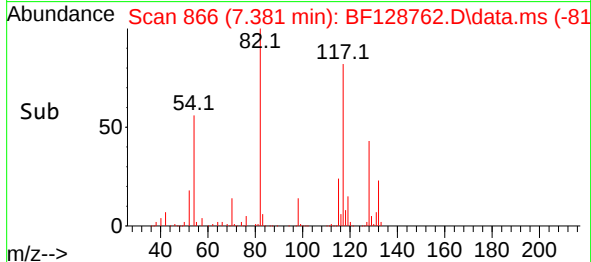
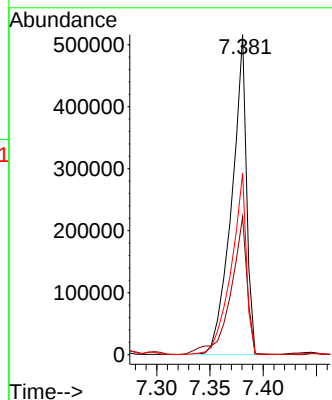
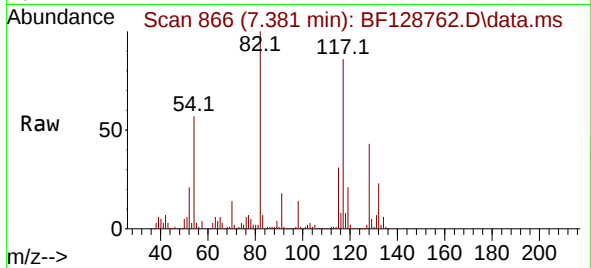




#23
Nitrobenzene-d5
Concen: 88.280 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

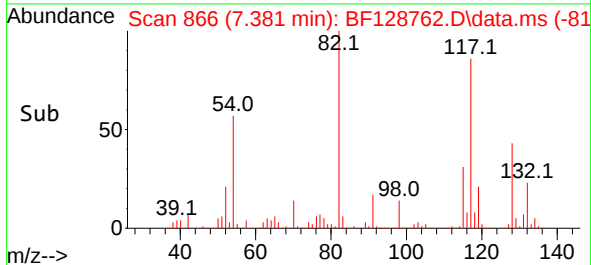
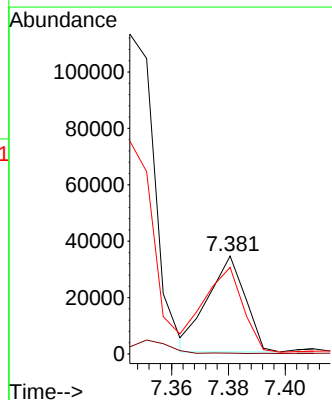
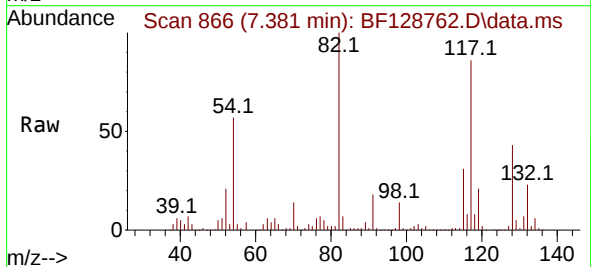
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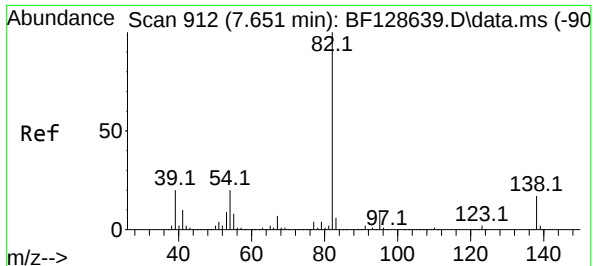
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Ion Ratio Lower Upper
82 100
128 43.1 34.0 51.0
54 56.8 46.9 70.3



#24
Nitrobenzene
Concen: 5.985 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.024 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion: 77 Resp: 31053
Ion Ratio Lower Upper
77 100
123 0.8 35.4 53.2#
65 88.4 11.8 17.8#

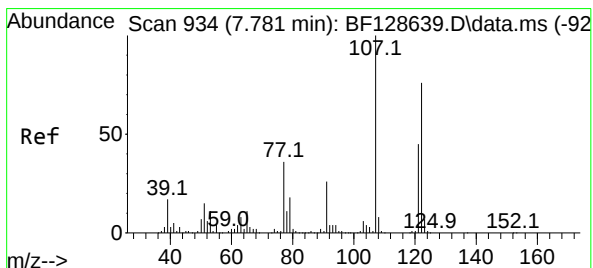
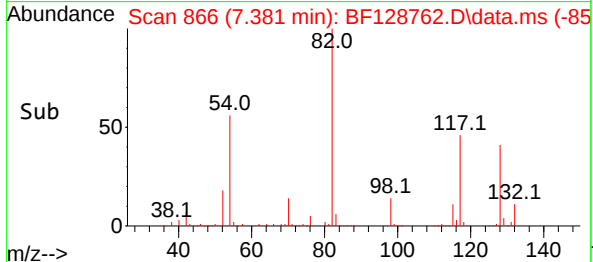
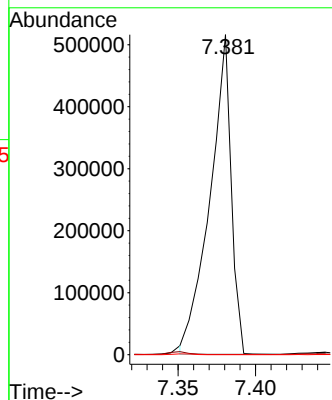
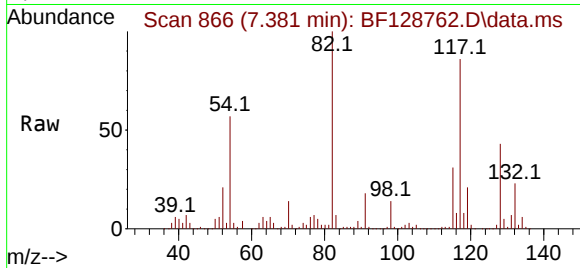




#25
Isophorone
Concen: 57.224 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

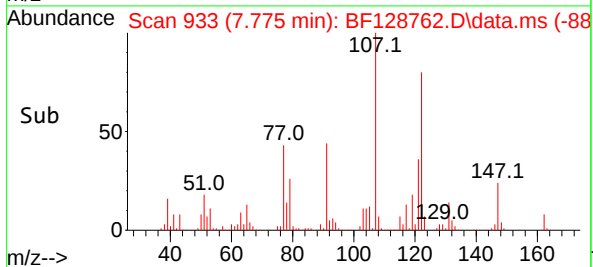
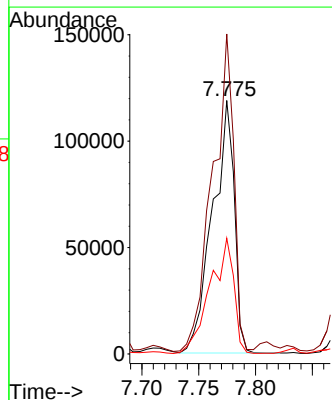
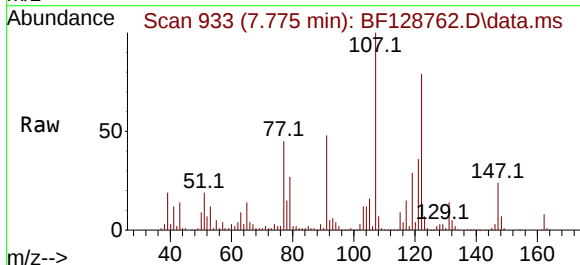
Instrument :
BNA_F
ClientSampleId :
MW-101R

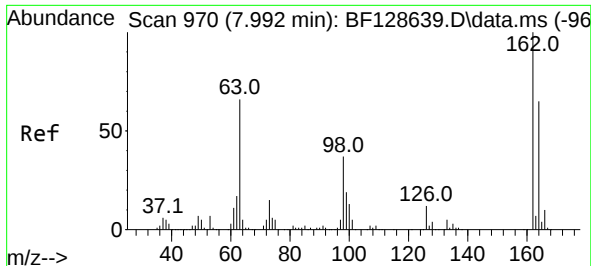
Tgt Ion: 82 Resp: 491155
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 45.380 ng
RT: 7.775 min Scan# 933
Delta R.T. 0.011 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:122 Resp: 158019
Ion Ratio Lower Upper
122 100
107 126.3 93.0 139.6
121 45.6 46.6 70.0#





#29

2,4-Dichlorophenol

Concen: 2.314 ng

RT: 7.951 min Scan# 91

Delta R.T. -0.024 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

MW-101R

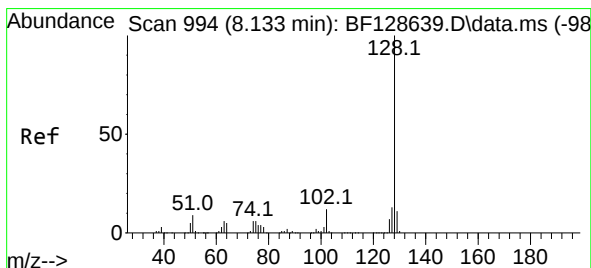
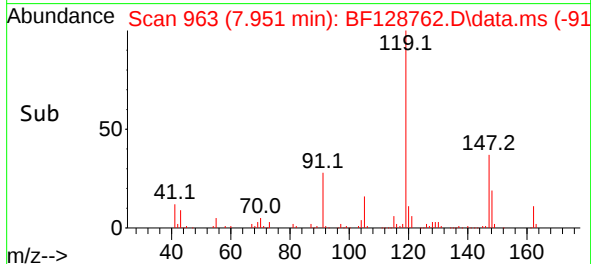
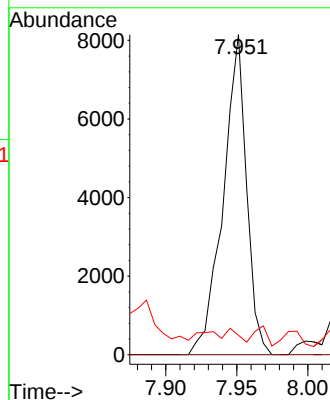
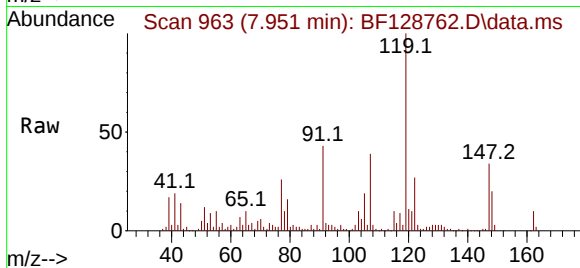
Tgt Ion:162 Resp: 9324

Ion Ratio Lower Upper

162 100

164 0.0 44.2 84.2#

98 6.0 19.6 59.6#



#31

Naphthalene

Concen: 353.574 ng

RT: 8.128 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

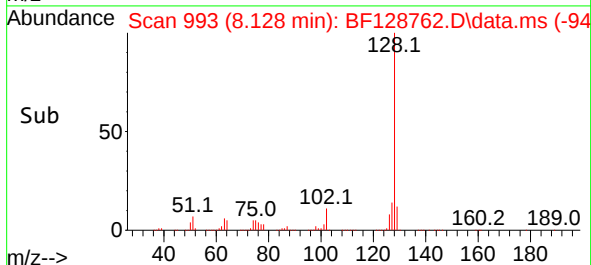
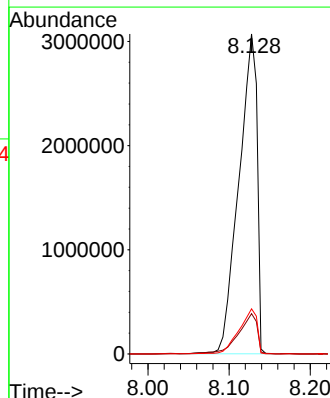
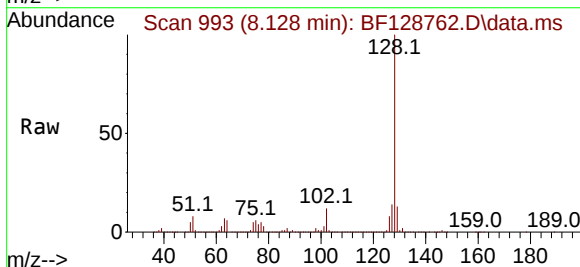
Tgt Ion:128 Resp: 4774353

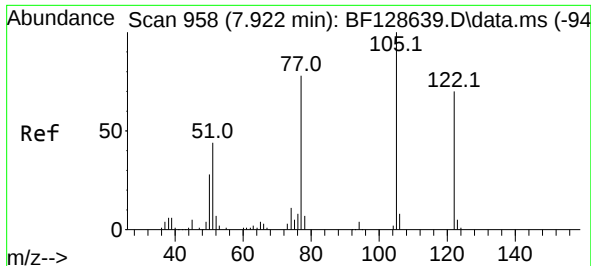
Ion Ratio Lower Upper

128 100

129 12.6 9.2 13.8

127 14.1 10.5 15.7

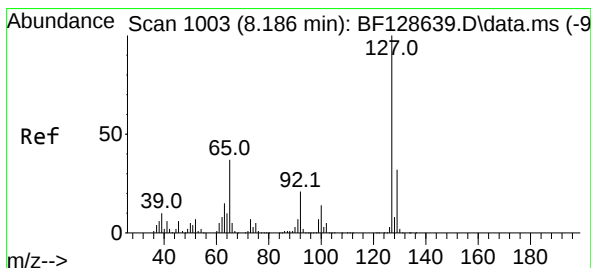
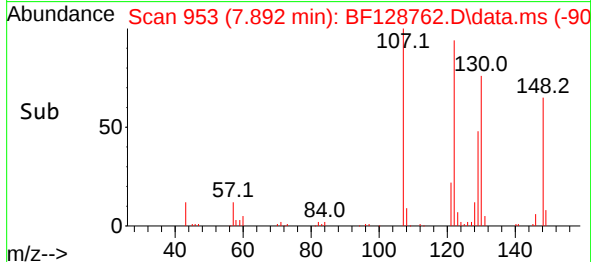
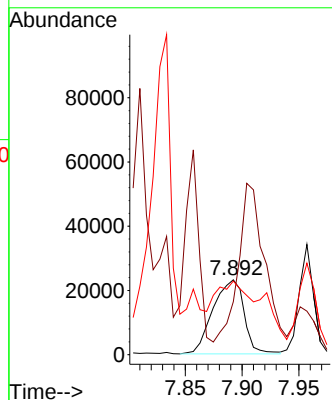
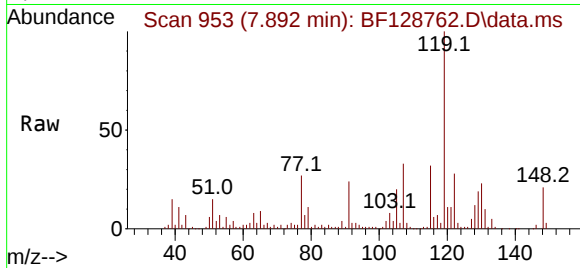




#32
Benzoic acid
Concen: 17.769 ng
RT: 7.892 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

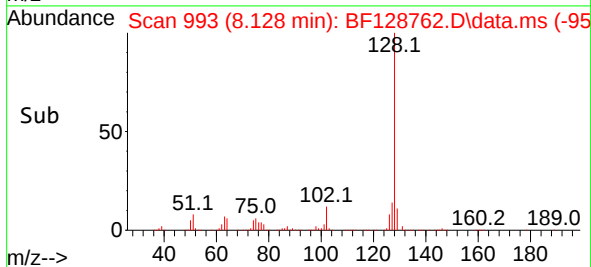
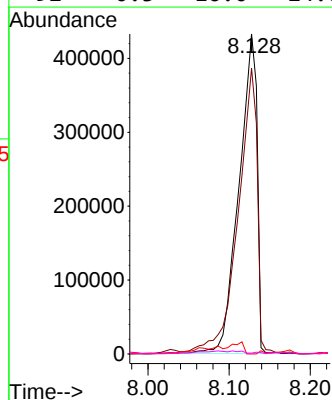
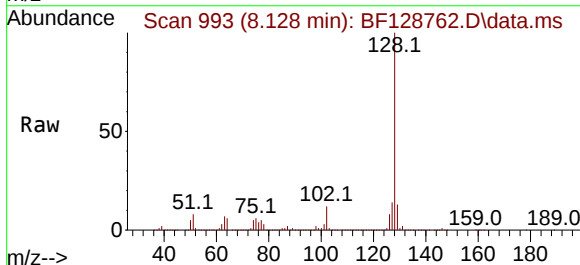
Instrument :
BNA_F
ClientSampleId :
MW-101R

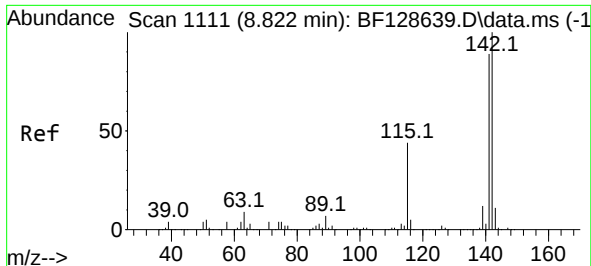
Tgt Ion:122 Resp: 43898
Ion Ratio Lower Upper
122 100
105 70.6 107.1 147.1#
77 98.2 74.2 114.2



#33
4-Chloroaniline
Concen: 131.095 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.047 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:127 Resp: 667409
Ion Ratio Lower Upper
127 100
129 89.3 26.4 39.6#
65 0.0 26.4 39.6#
92 0.3 16.0 24.0#





#37

2-Methylnaphthalene

Concen: 145.062 ng

RT: 8.810 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

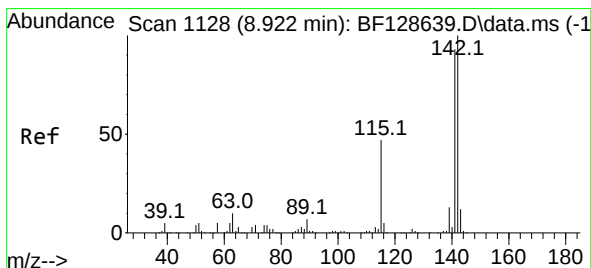
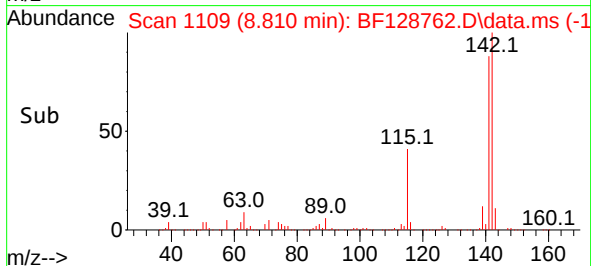
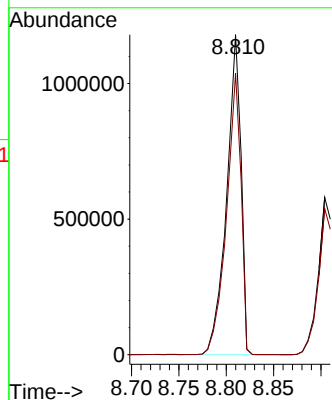
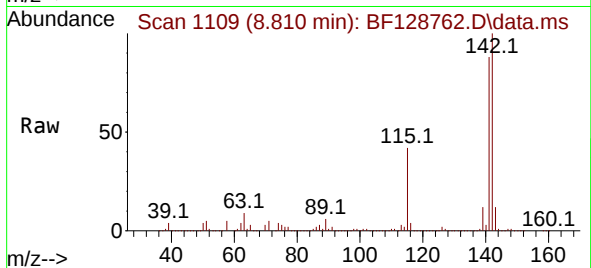
MW-101R

Tgt Ion:142 Resp: 1245896

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 70.089 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128762.D

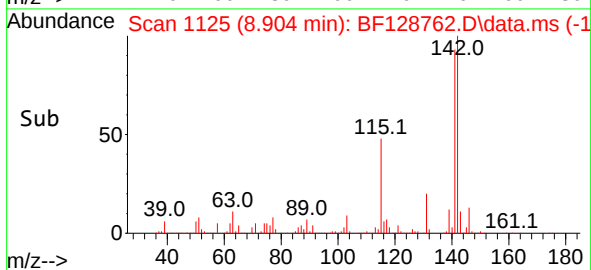
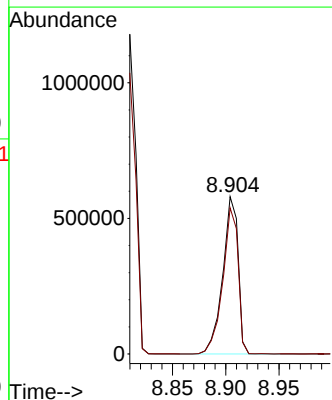
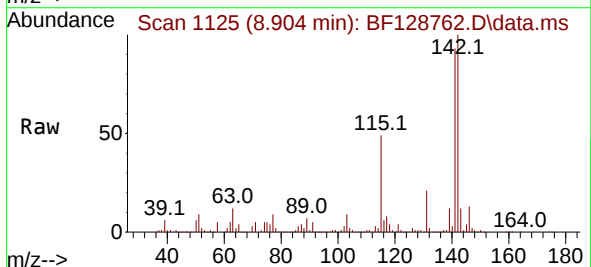
Acq: 10 Jun 2022 16:48

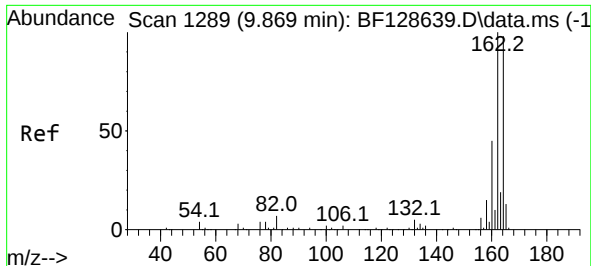
Tgt Ion:142 Resp: 581605

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4

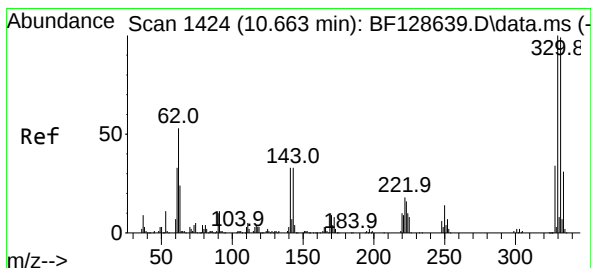
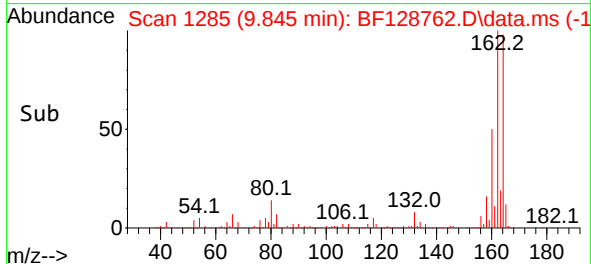
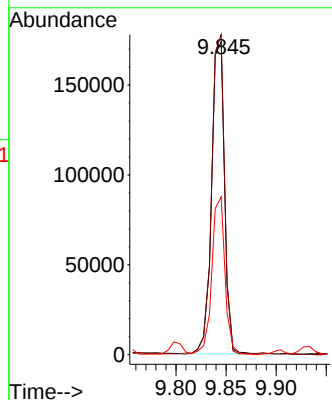
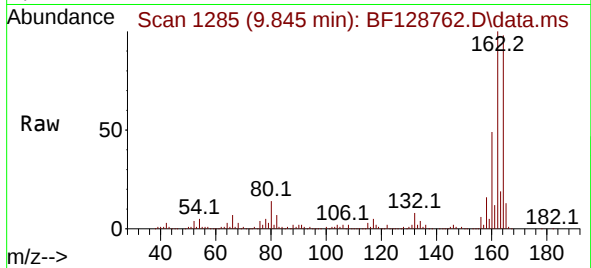




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

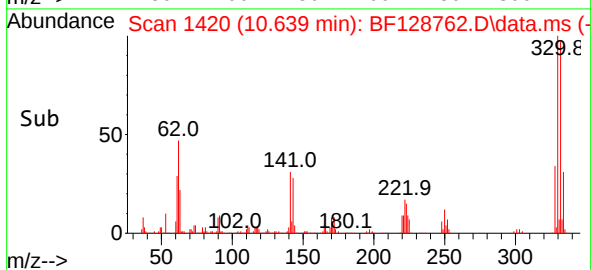
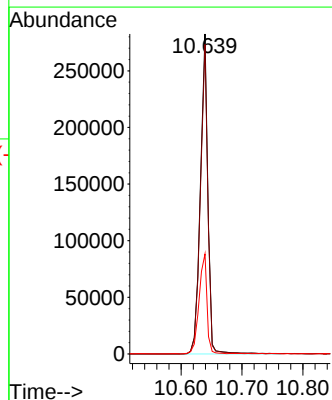
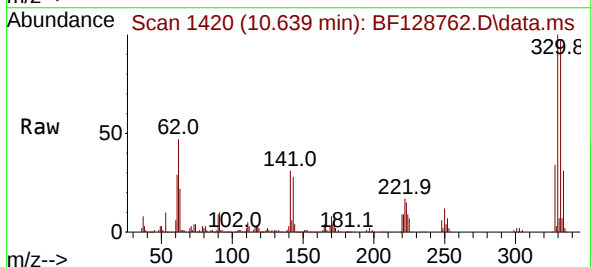
Instrument :
BNA_F
ClientSampleId :
MW-101R

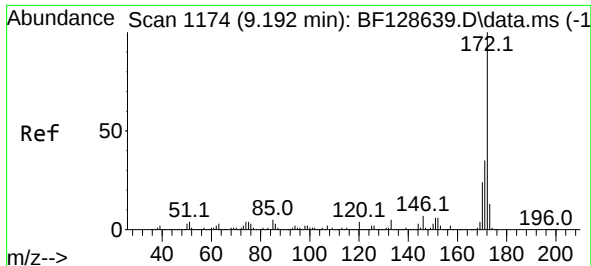
Tgt Ion:164 Resp: 156344
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 50.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 131.527 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:330 Resp: 242968
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 33.1 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 89.727 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

MW-101R

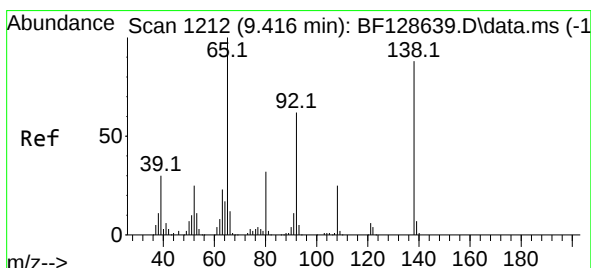
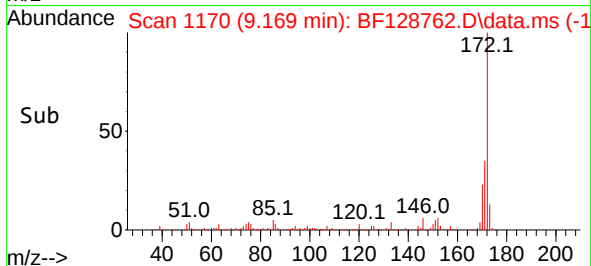
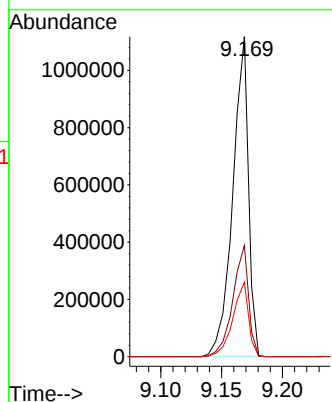
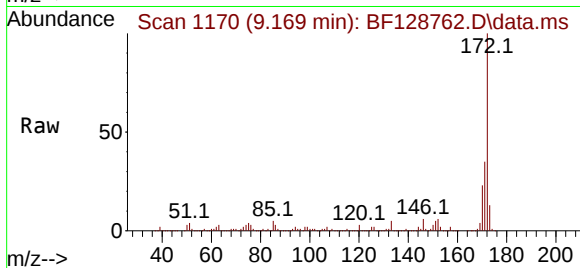
Tgt Ion:172 Resp: 1001446

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.3 19.8 29.8



#48

2-Nitroaniline

Concen: 6.070 ng

RT: 9.410 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

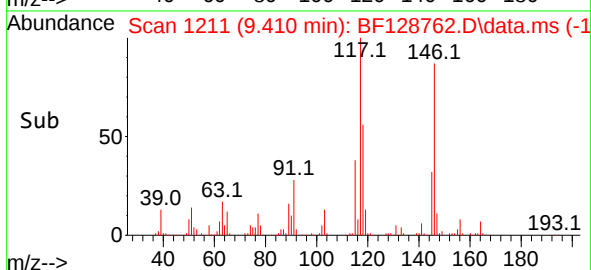
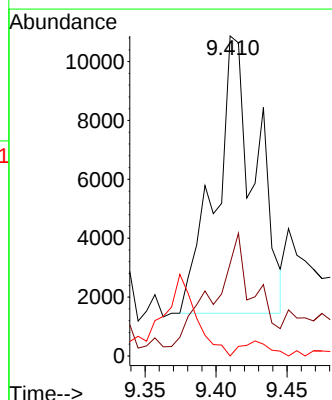
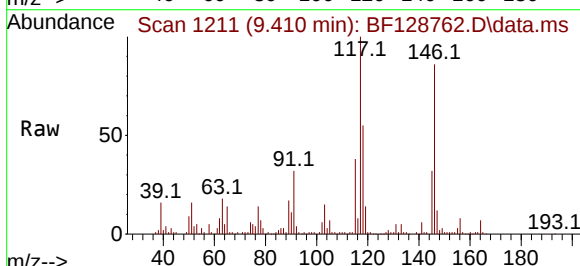
Tgt Ion: 65 Resp: 18579

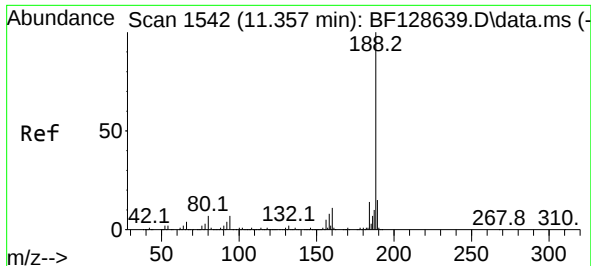
Ion Ratio Lower Upper

65 100

92 28.9 51.9 77.9#

138 0.0 76.4 114.6#

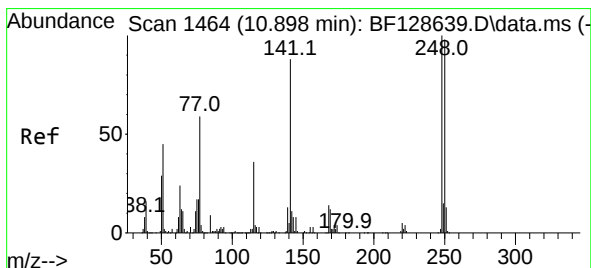
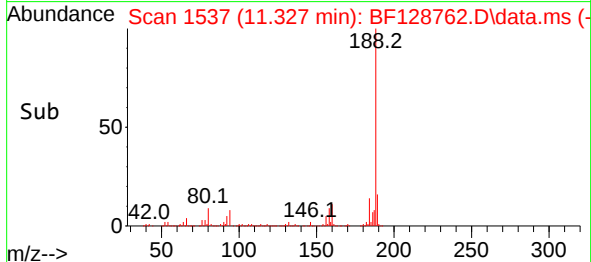
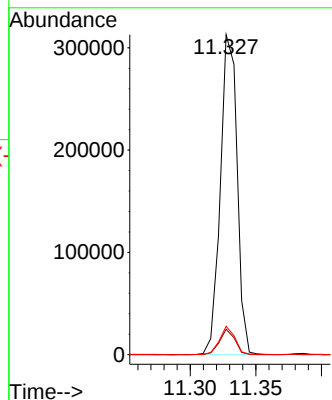
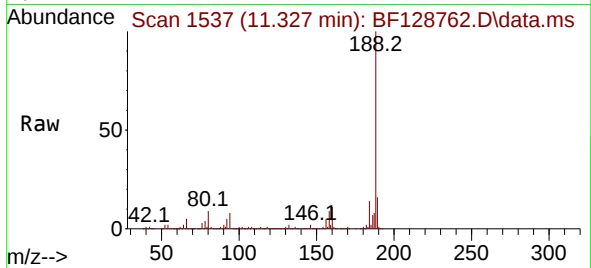




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

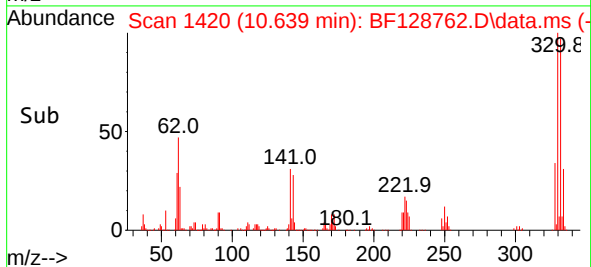
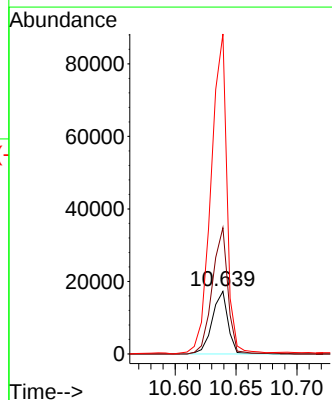
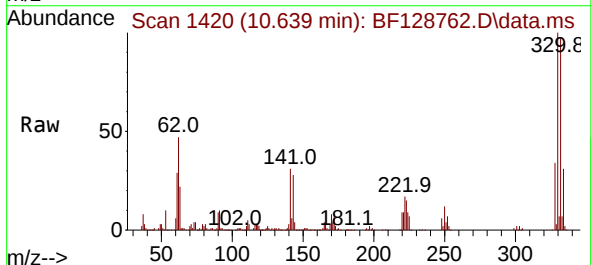
Instrument :
BNA_F
ClientSampleId :
MW-101R

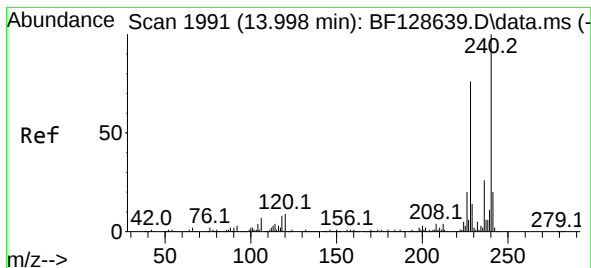
Tgt Ion:188 Resp: 277677
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.044 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.247 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:248 Resp: 15620
Ion Ratio Lower Upper
248 100
250 201.7 80.6 120.8#
141 511.2 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 1991

Delta R.T. -0.012 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

MW-101R

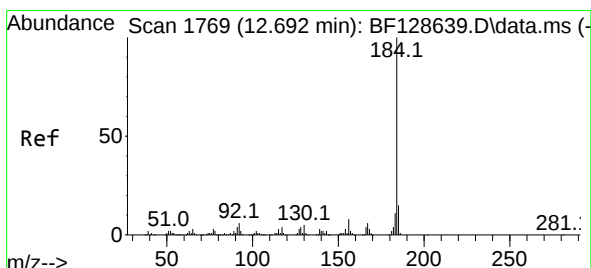
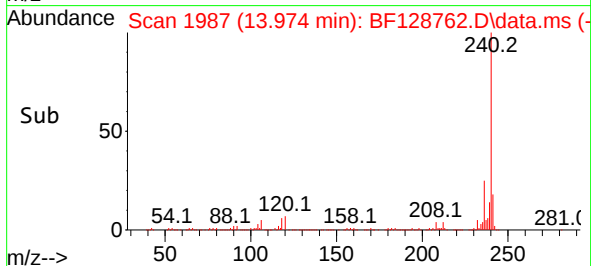
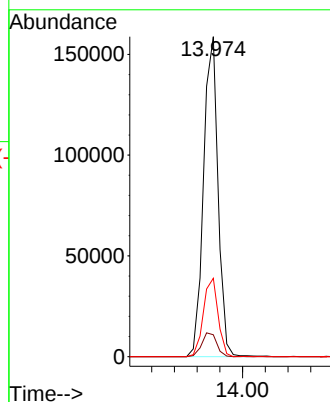
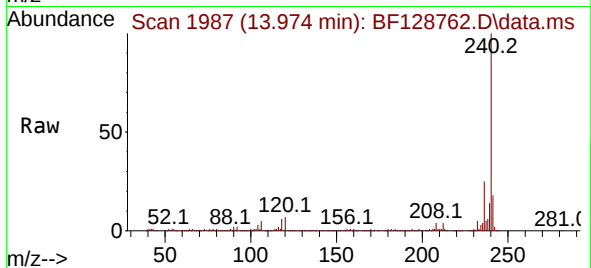
Tgt Ion:240 Resp: 140589

Ion Ratio Lower Upper

240 100

120 6.8 8.9 13.3#

236 24.5 20.8 31.2



#77

Benzdine

Concen: 4.598 ng

RT: 12.921 min Scan# 1808

Delta R.T. 0.241 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

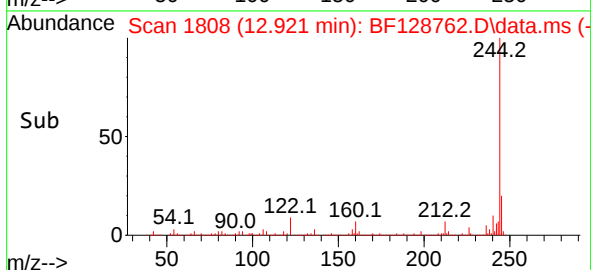
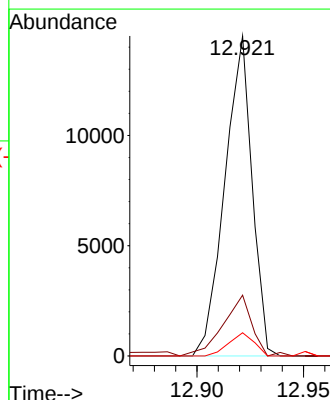
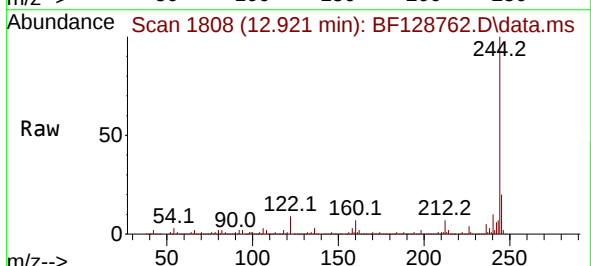
Tgt Ion:184 Resp: 12886

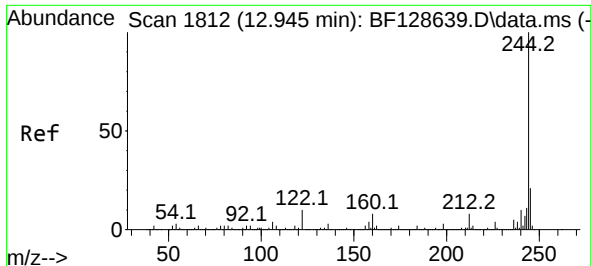
Ion Ratio Lower Upper

184 100

185 19.0 11.9 17.9#

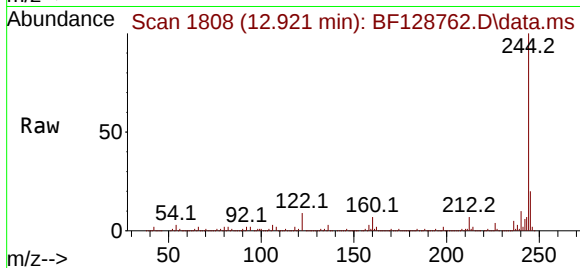
183 7.3 9.3 13.9#



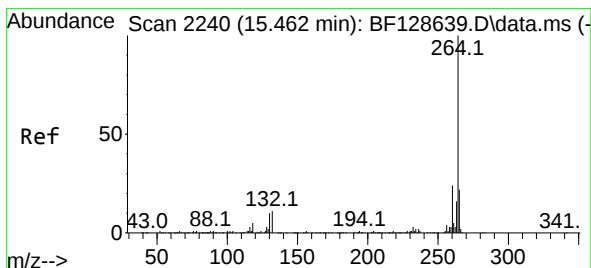
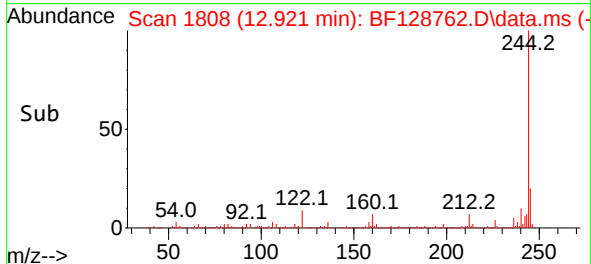
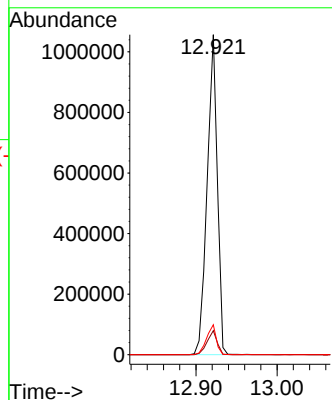


#79
 Terphenyl-d14
 Concen: 113.149 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128762.D
 Acq: 10 Jun 2022 16:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-101R



Tgt Ion:244 Resp: 915466
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128762.D
 Acq: 10 Jun 2022 16:48

Tgt Ion:264 Resp: 154975
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.9 17.2 25.8

