

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128764.D
 Acq On : 10 Jun 2022 17:47
 Operator : CG\JU
 Sample : N3286-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1R

Quant Time: Jun 11 01:27:32 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

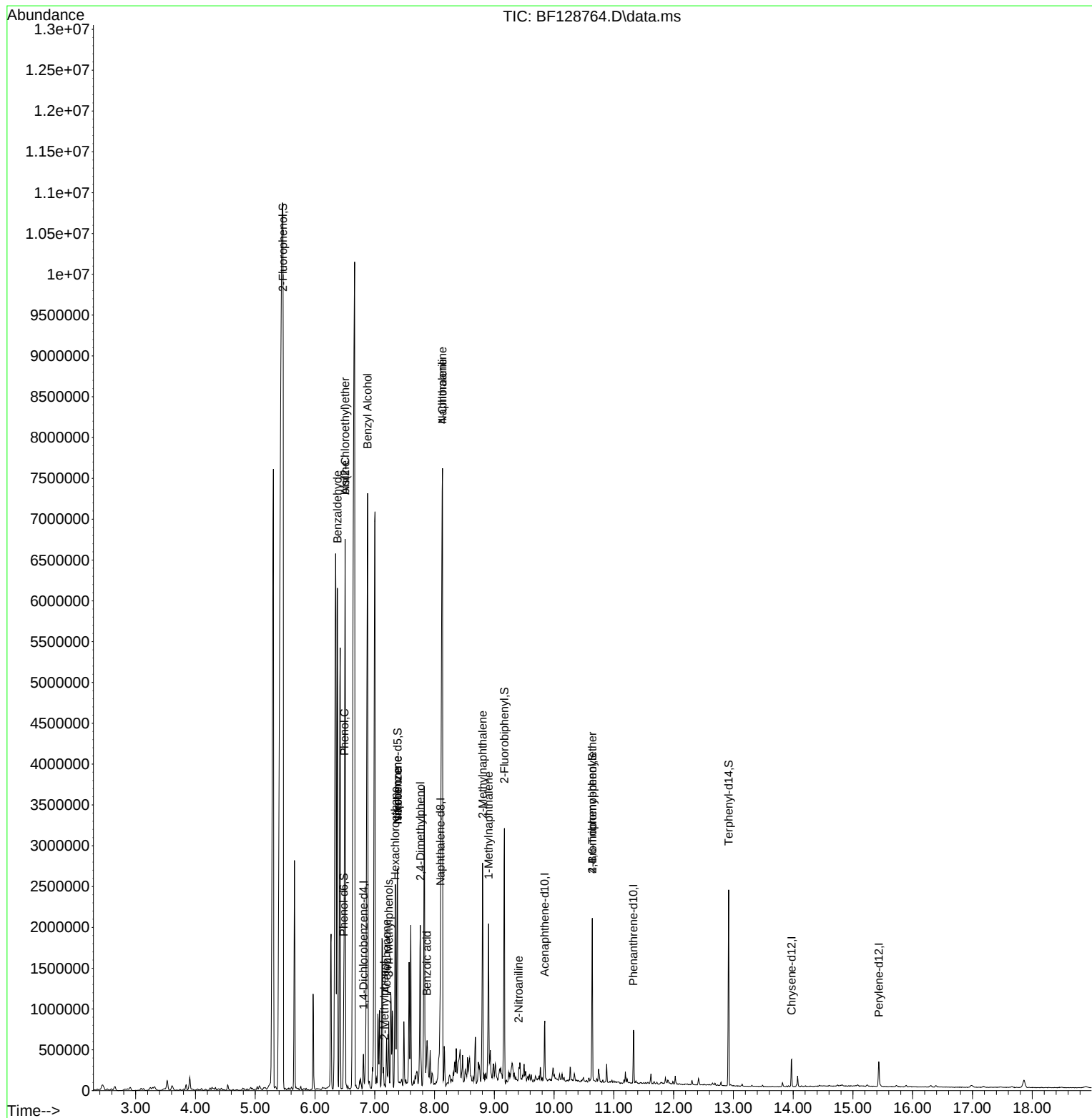
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	64697	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	242166	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	142523	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	242188	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	120253	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	133710	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	192894	47.490	ng	0.00
7) Phenol-d6	6.481	99	247783	49.976	ng	0.00
23) Nitrobenzene-d5	7.381	82	498196	95.783	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	230090	136.635	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	978015	96.125	ng	0.00
79) Terphenyl-d14	12.921	244	798793	115.424	ng	-0.01
Target Compounds						
6) Aniline	6.504	93	15997	2.992	ng	# 1
9) Benzaldehyde	6.375	77	306803	101.571	ng	# 1
10) Phenol	6.492	94	28431	5.425	ng	# 1
11) bis(2-Chloroethyl)ether	6.504	93	15997	4.165	ng	# 1
15) Benzyl Alcohol	6.881	79	343474	82.797	ng	# 11
17) 2-Methylphenol	7.163	107	6713	2.044	ng	# 6
18) Hexachloroethane	7.339	117	205191	113.656	ng	# 1
20) 3+4-Methylphenols	7.234	107	172636	39.366	ng	# 73
22) Acetophenone	7.198	105	240194	37.923	ng	# 56
24) Nitrobenzene	7.381	77	30306	6.347	ng	# 9
25) Isophorone	7.381	82	486396	61.572	ng	# 65
27) 2,4-Dimethylphenol	7.763	122	81140	25.318	ng	98
31) Naphthalene	8.134	128	5562357	447.562	ng	96
32) Benzoic acid	7.875	122	42474	18.680	ng	# 48
33) 4-Chloroaniline	8.134	127	788829	168.347	ng	# 32
37) 2-Methylnaphthalene	8.804	142	736447	93.163	ng	100
38) 1-Methylnaphthalene	8.904	142	418813	54.837	ng	99
48) 2-Nitroaniline	9.410	65	7863	2.818	ng	# 31
67) 4-Bromophenyl-phenylether	10.639	248	14787	5.475	ng	# 1

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

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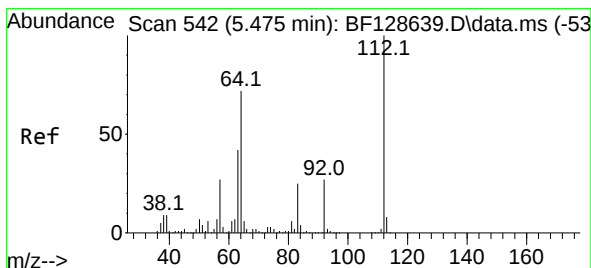
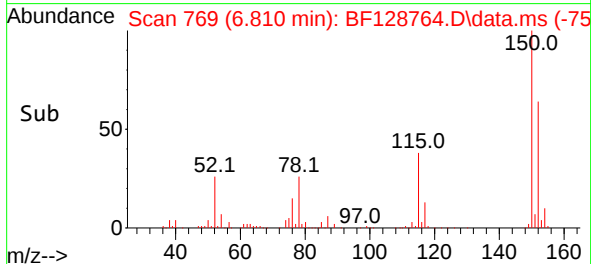
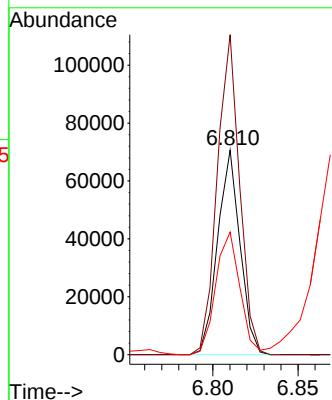
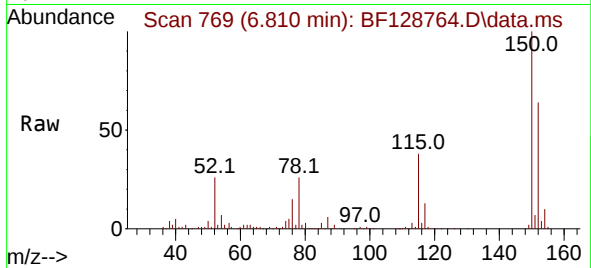




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

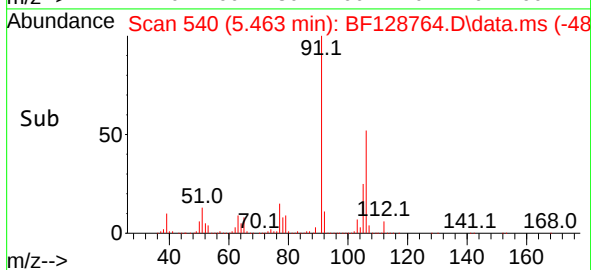
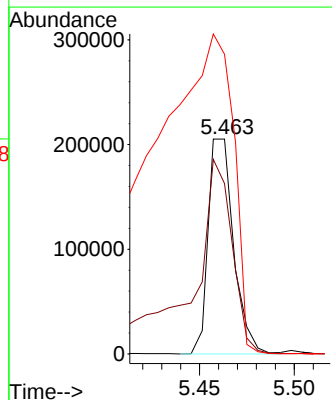
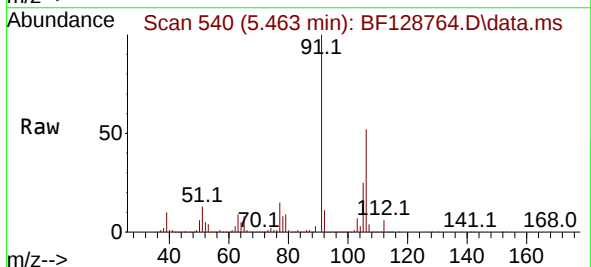
Instrument :
BNA_F
ClientSampleId :
MW-1R

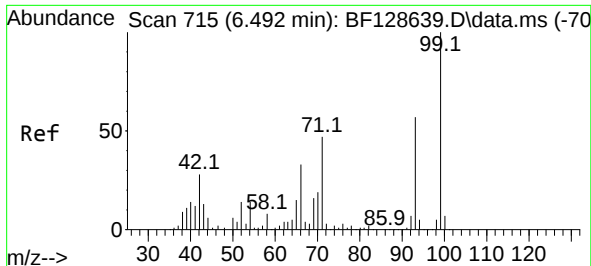
Tgt Ion:152 Resp: 64697
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 59.9 49.9 74.9



#5
2-Fluorophenol
Concen: 47.490 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:112 Resp: 192894
Ion Ratio Lower Upper
112 100
64 79.3 53.3 79.9
63 139.5 28.0 42.0#





#6

Aniline

Concen: 2.992 ng

RT: 6.504 min Scan# 715

Delta R.T. 0.023 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

MW-1R

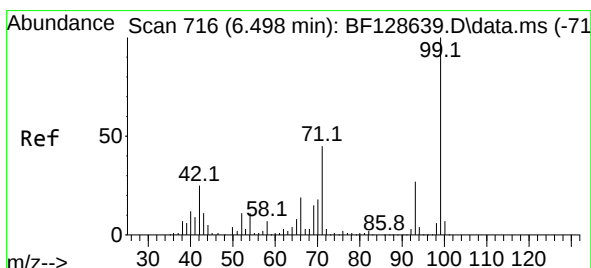
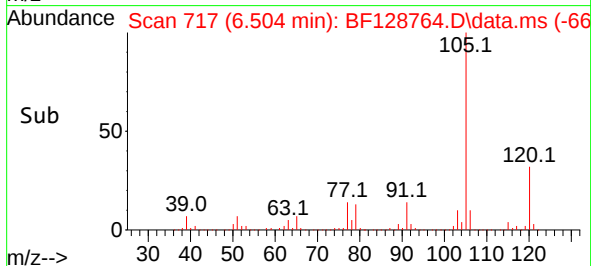
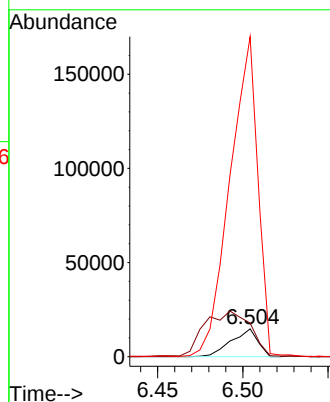
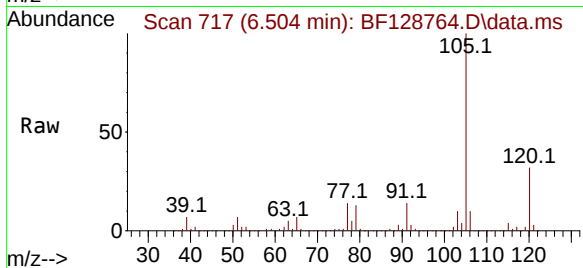
Tgt Ion: 93 Resp: 15997

Ion Ratio Lower Upper

93 100

66 121.0 32.5 48.7#

65 1152.1 16.4 24.6#



#7

Phenol-d6

Concen: 49.976 ng

RT: 6.481 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

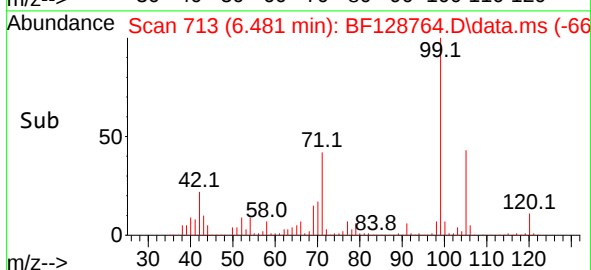
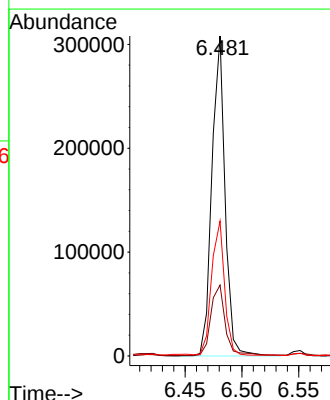
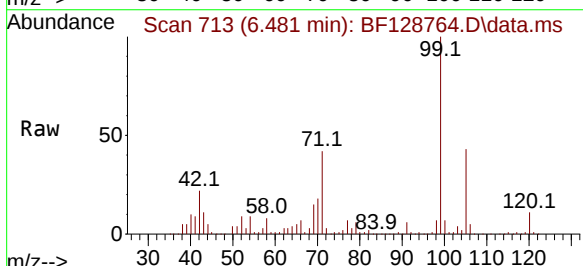
Tgt Ion: 99 Resp: 247783

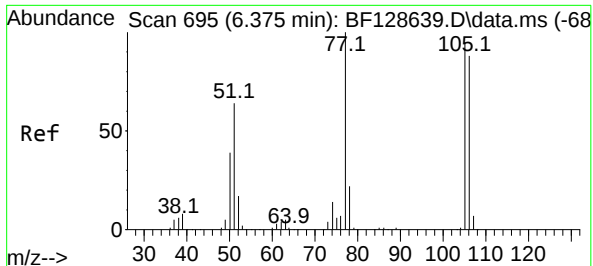
Ion Ratio Lower Upper

99 100

42 22.1 17.3 25.9

71 42.2 28.9 43.3

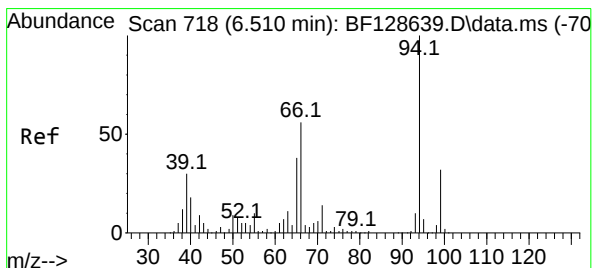
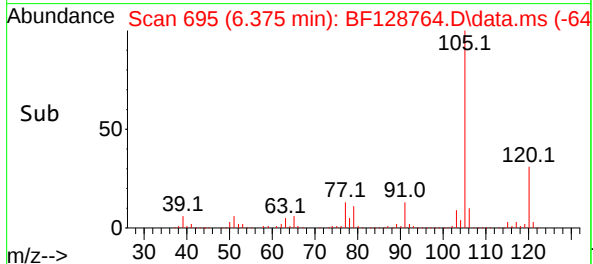
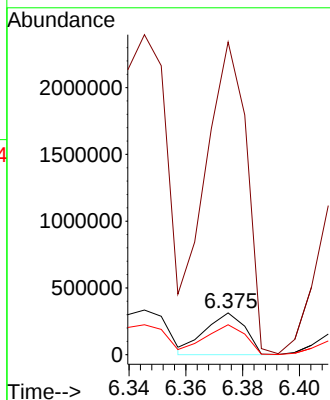
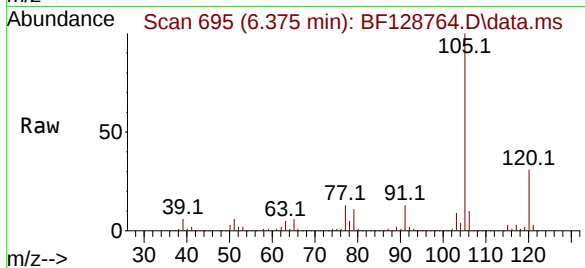




#9
Benzaldehyde
Concen: 101.571 ng
RT: 6.375 min Scan# 695
Delta R.T. 0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

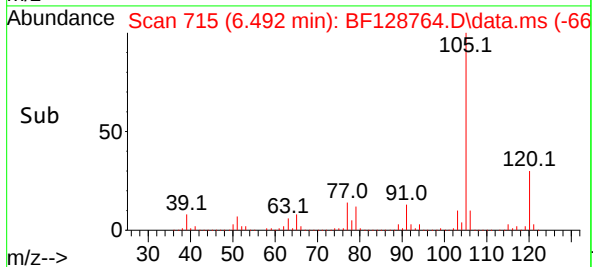
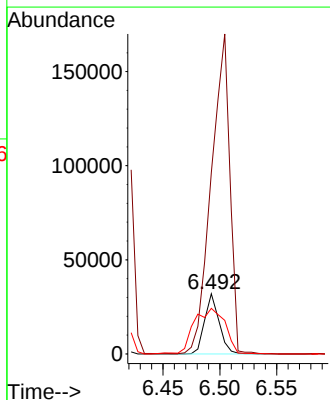
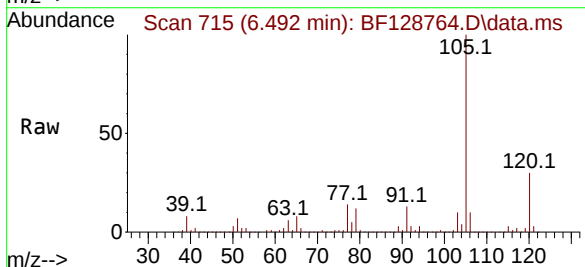
Instrument :
BNA_F
ClientSampleId :
MW-1R

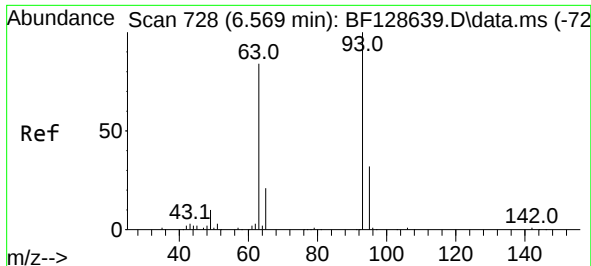
Tgt Ion: 77 Resp: 306803
Ion Ratio Lower Upper
77 100
105 747.8 81.6 121.6#
106 71.7 76.1 116.1#



#10
Phenol
Concen: 5.425 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion: 94 Resp: 28431
Ion Ratio Lower Upper
94 100
65 300.9 11.4 51.4#
66 75.8 21.4 61.4#

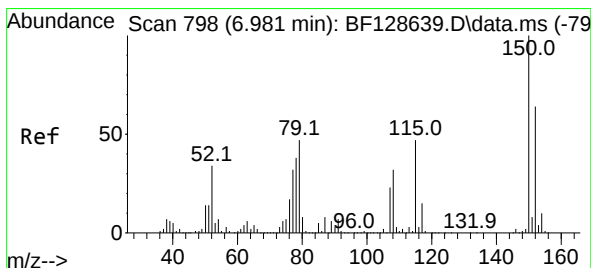
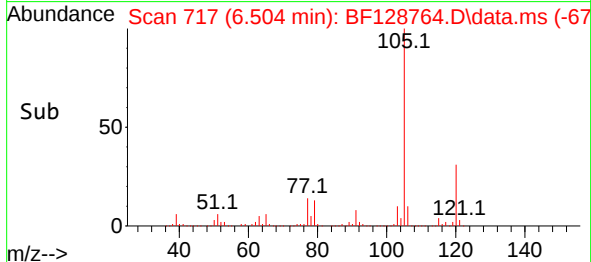
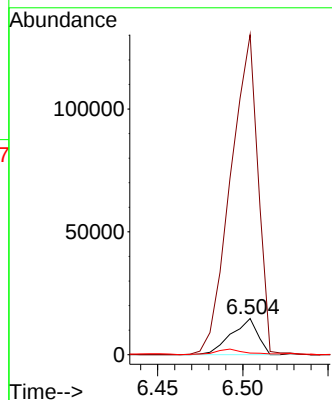
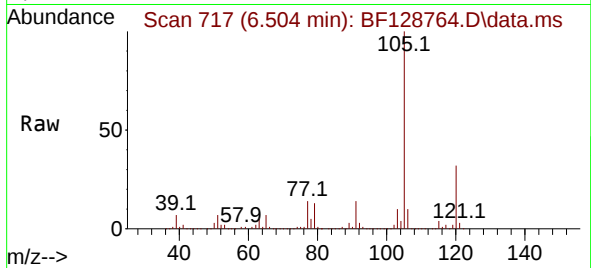




#11
bis(2-Chloroethyl)ether
Concen: 4.165 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.047 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

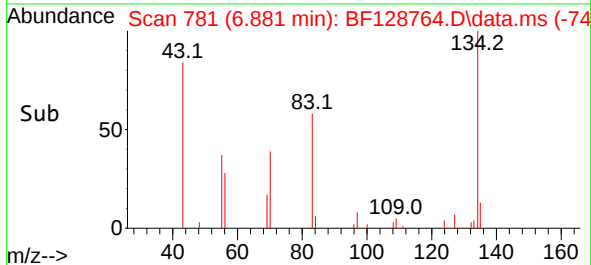
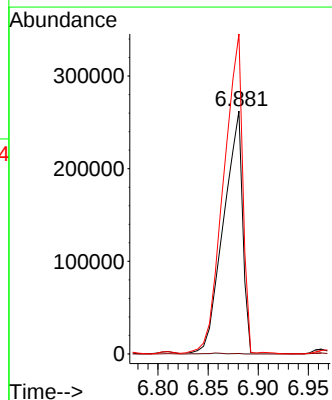
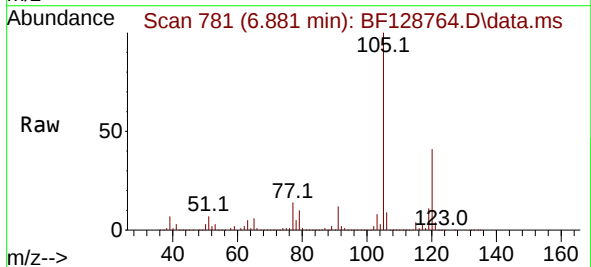
Instrument :
BNA_F
ClientSampleId :
MW-1R

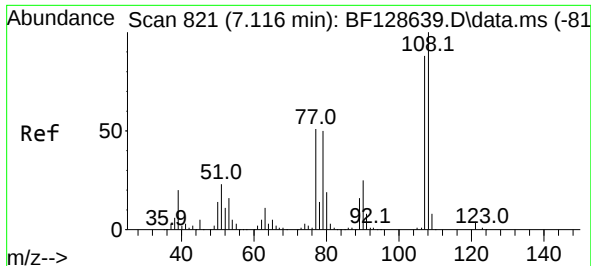
Tgt Ion: 93 Resp: 15997
Ion Ratio Lower Upper
93 100
63 883.0 67.4 107.4#
95 4.4 12.7 52.7#



#15
Benzyl Alcohol
Concen: 82.797 ng
RT: 6.881 min Scan# 781
Delta R.T. -0.083 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion: 79 Resp: 343474
Ion Ratio Lower Upper
79 100
108 0.2 61.8 92.6#
77 131.8 50.2 75.4#

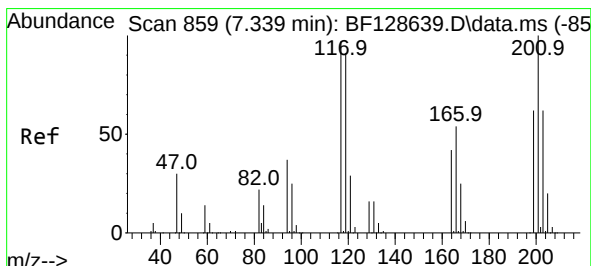
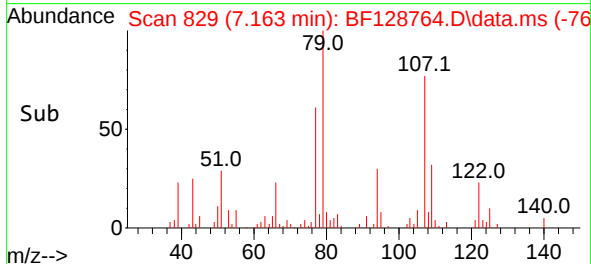
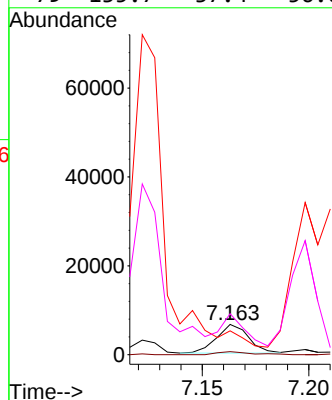
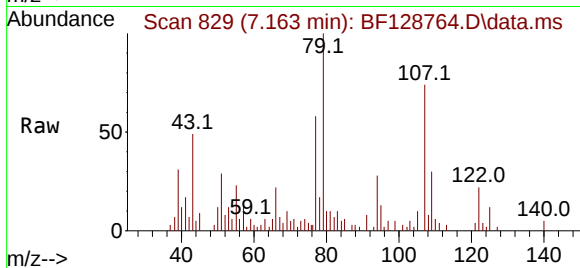




#17
2-Methylphenol
Concen: 2.044 ng
RT: 7.163 min Scan# 819
Delta R.T. 0.070 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

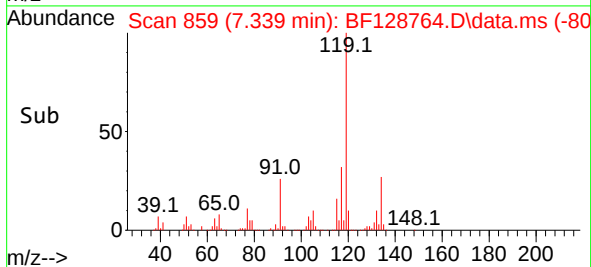
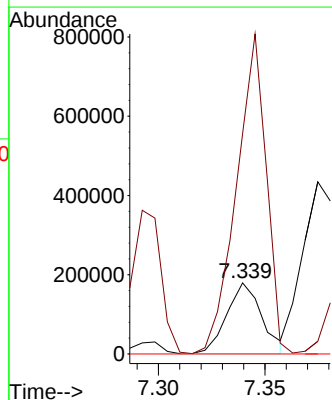
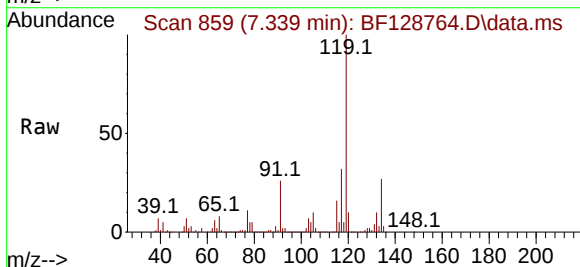
Instrument :
BNA_F
ClientSampleId :
MW-1R

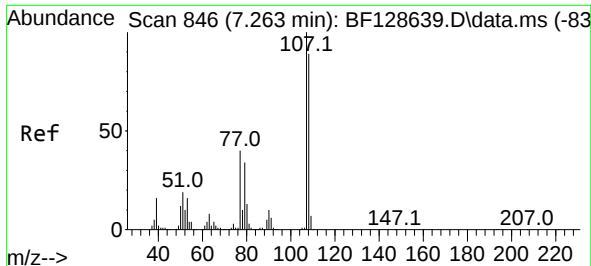
Tgt Ion:107 Resp: 6713
Ion Ratio Lower Upper
107 100
108 10.2 91.9 137.9#
77 78.9 37.8 56.8#
79 135.7 37.4 56.0#



#18
Hexachloroethane
Concen: 113.656 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.017 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:117 Resp: 205191
Ion Ratio Lower Upper
117 100
119 310.0 77.4 116.2#
201 0.0 84.6 127.0#





#20

3+4-Methylphenols

Concen: 39.366 ng

RT: 7.234 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

MW-1R

Tgt Ion:107 Resp: 172636

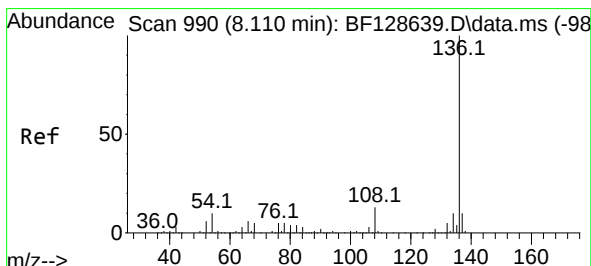
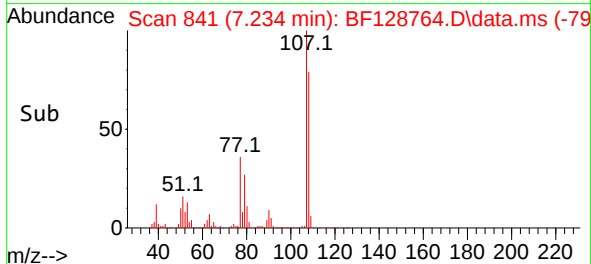
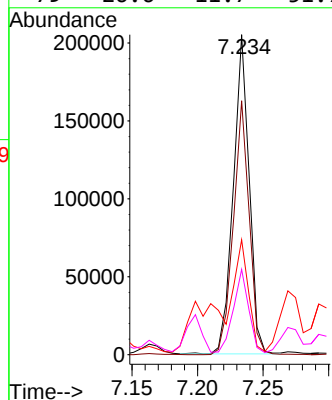
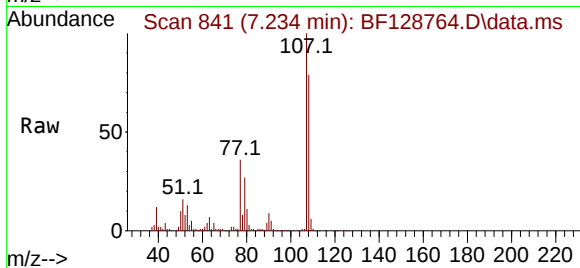
Ion Ratio Lower Upper

107 100

108 79.4 71.8 111.8

77 35.9 59.3 99.3#

79 26.6 11.7 51.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Tgt Ion:136 Resp: 242166

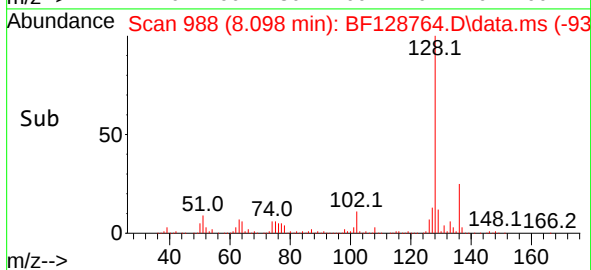
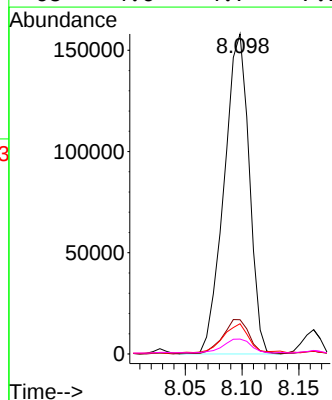
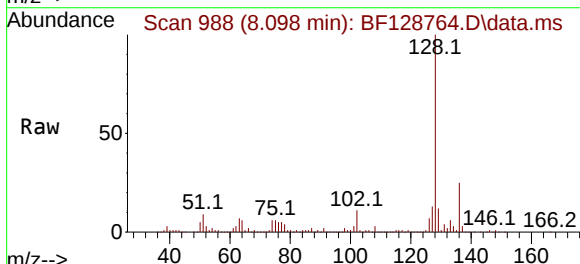
Ion Ratio Lower Upper

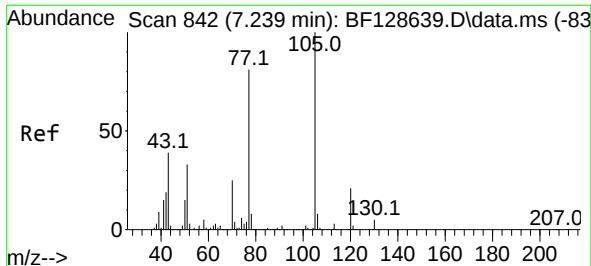
136 100

137 10.7 8.8 13.2

54 9.4 7.5 11.3

68 4.6 4.7 7.1#

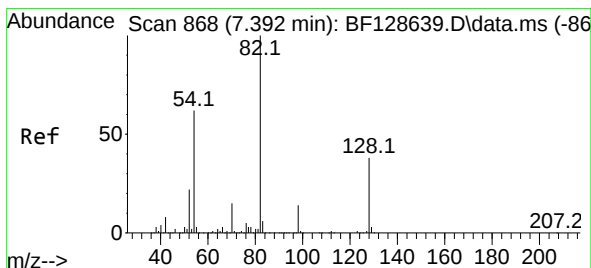
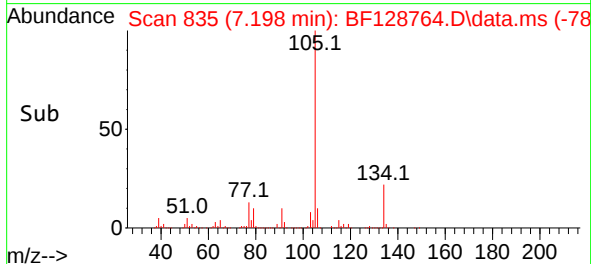
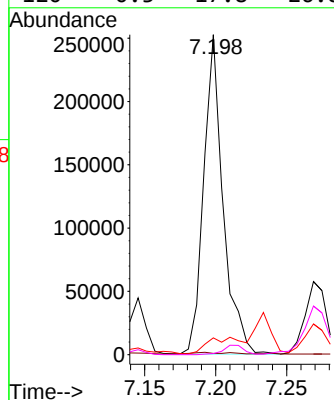
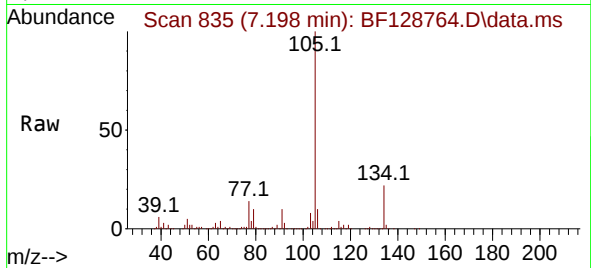




#22
Acetophenone
Concen: 37.923 ng
RT: 7.198 min Scan# 811
Delta R.T. -0.030 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

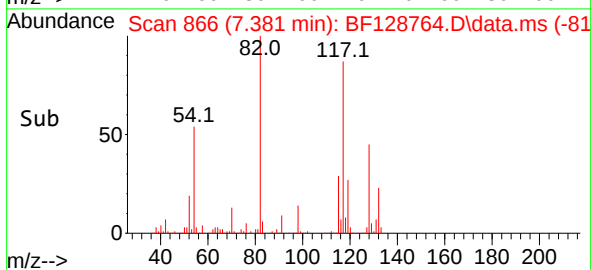
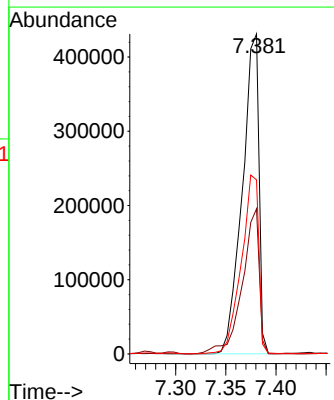
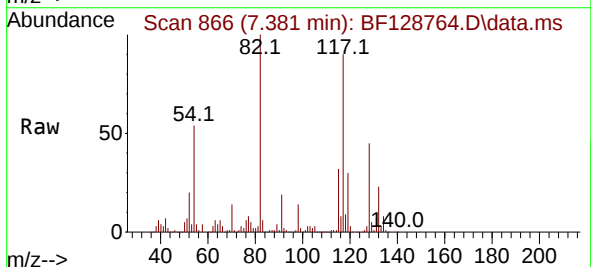
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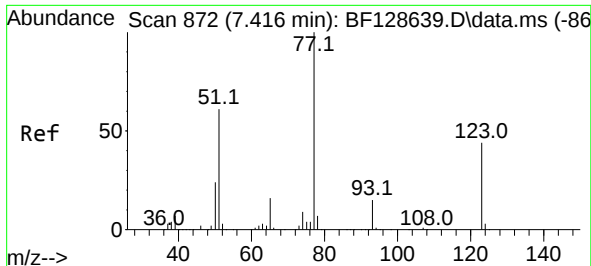
Tgt Ion:105 Resp: 240194
Ion Ratio Lower Upper
105 100
71 0.4 5.0 7.4#
51 5.2 25.0 37.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 95.783 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion: 82 Resp: 498196
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 54.4 46.9 70.3

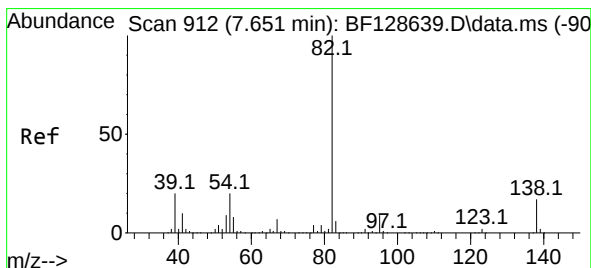
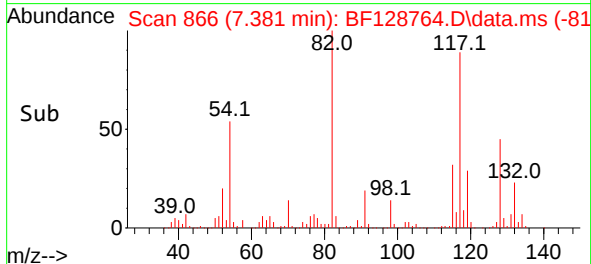
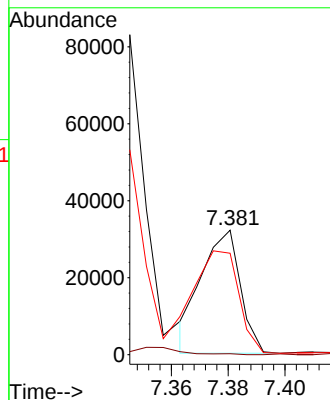
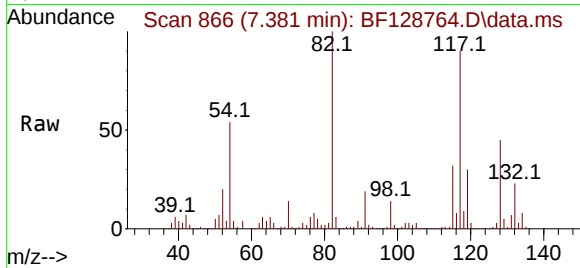




#24
Nitrobenzene
Concen: 6.347 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.024 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

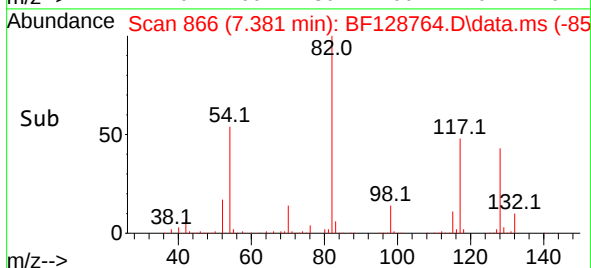
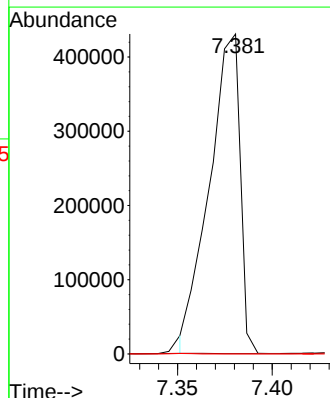
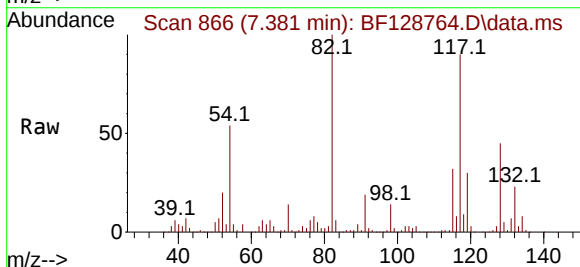
Instrument :
BNA_F
ClientSampleId :
MW-1R

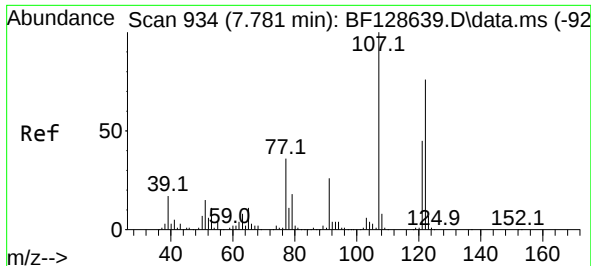
Tgt Ion: 77 Resp: 30306
Ion Ratio Lower Upper
77 100
123 0.7 35.4 53.2#
65 81.4 11.8 17.8#



#25
Isophorone
Concen: 61.572 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion: 82 Resp: 486396
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: 25.318 ng

RT: 7.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

MW-1R

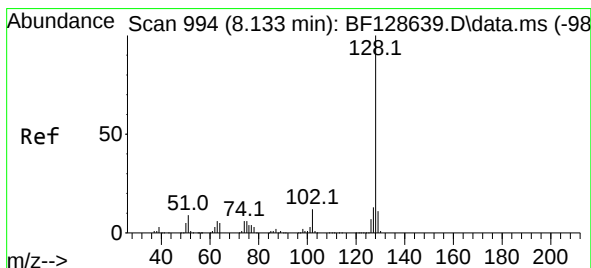
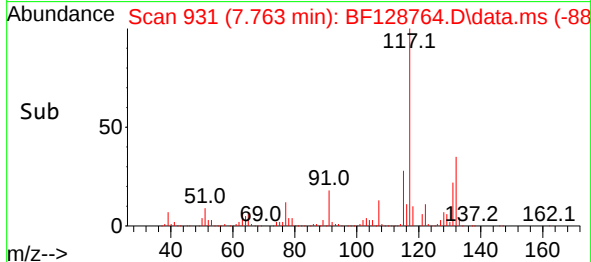
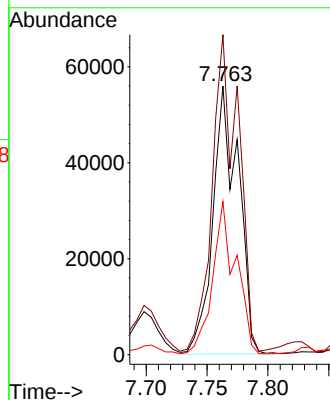
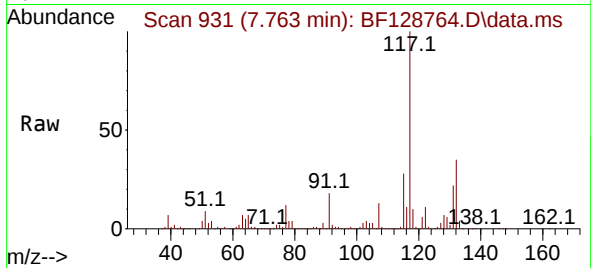
Tgt Ion:122 Resp: 81140

Ion Ratio Lower Upper

122 100

107 119.1 93.0 139.6

121 57.0 46.6 70.0



#31

Naphthalene

Concen: 447.562 ng

RT: 8.134 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

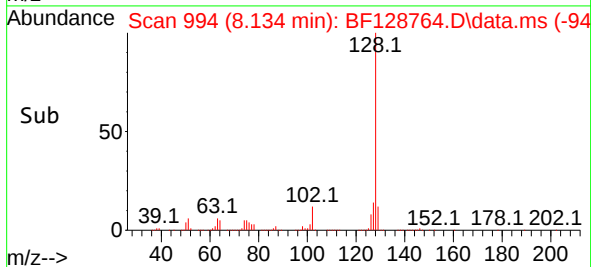
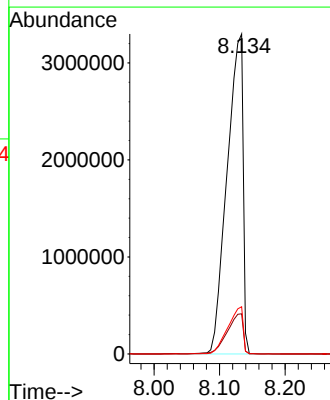
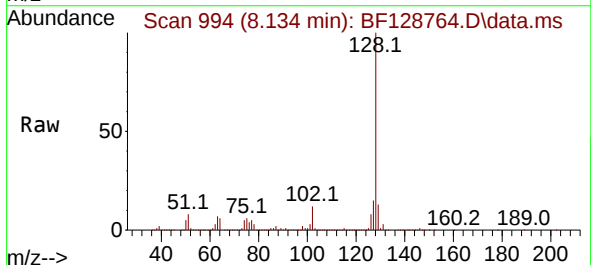
Tgt Ion:128 Resp: 5562357

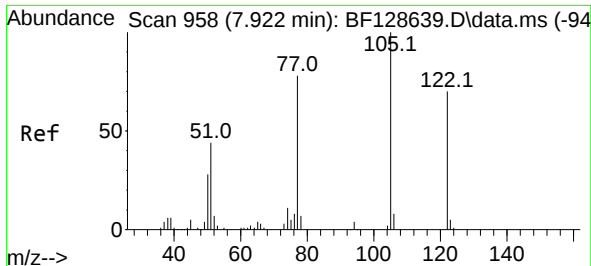
Ion Ratio Lower Upper

128 100

129 12.6 9.2 13.8

127 14.8 10.5 15.7

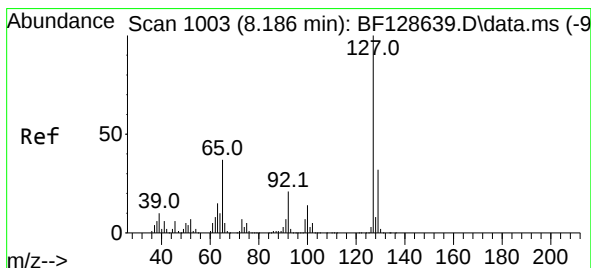
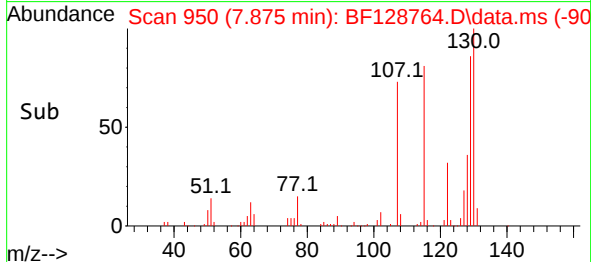
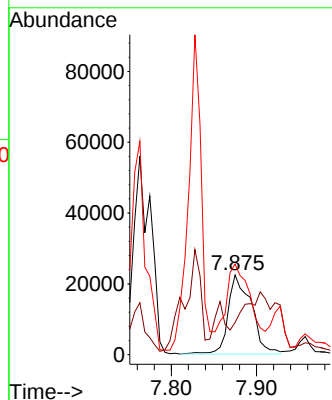
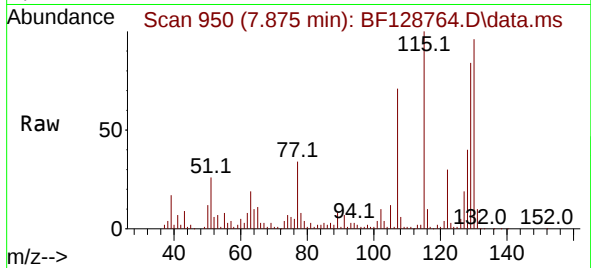




#32
Benzoic acid
Concen: 18.680 ng
RT: 7.875 min Scan# 911
Delta R.T. -0.036 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

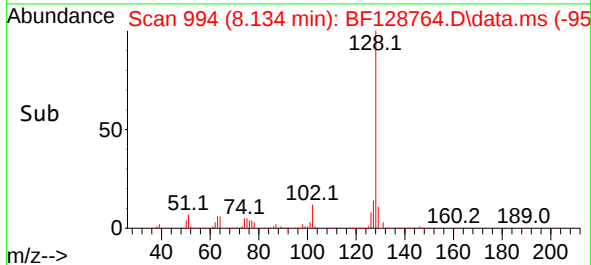
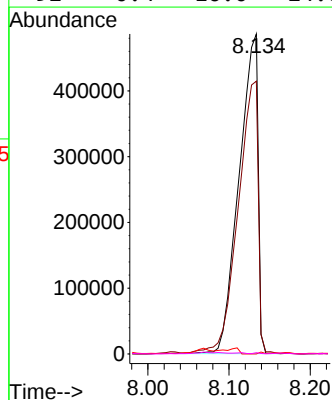
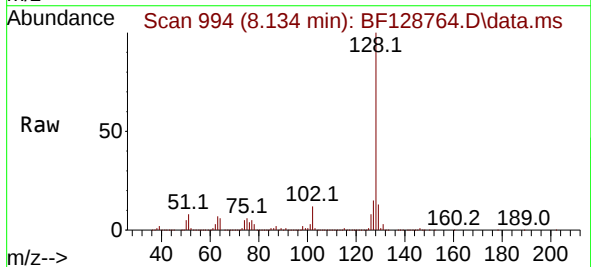
Instrument :
BNA_F
ClientSampleId :
MW-1R

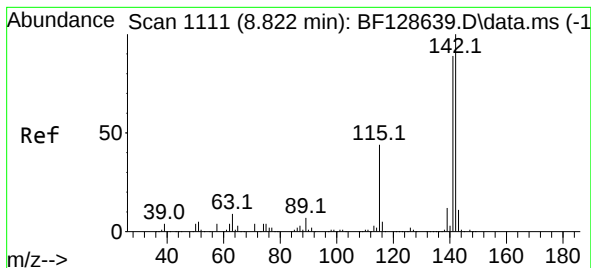
Tgt Ion:122 Resp: 42474
Ion Ratio Lower Upper
122 100
105 40.5 107.1 147.1#
77 113.7 74.2 114.2



#33
4-Chloroaniline
Concen: 168.347 ng
RT: 8.134 min Scan# 994
Delta R.T. -0.041 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:127 Resp: 788829
Ion Ratio Lower Upper
127 100
129 85.2 26.4 39.6#
65 0.0 26.4 39.6#
92 0.4 16.0 24.0#





#37

2-Methylnaphthalene

Concen: 93.163 ng

RT: 8.804 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

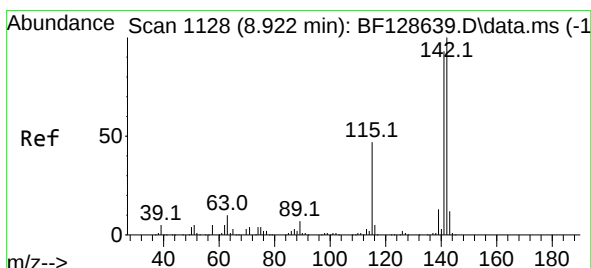
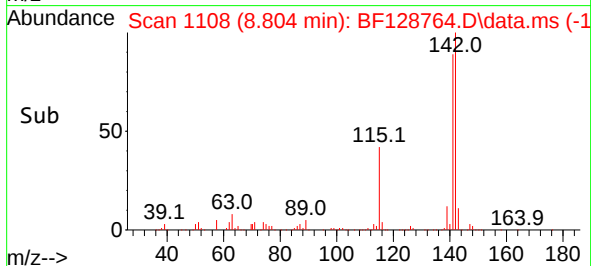
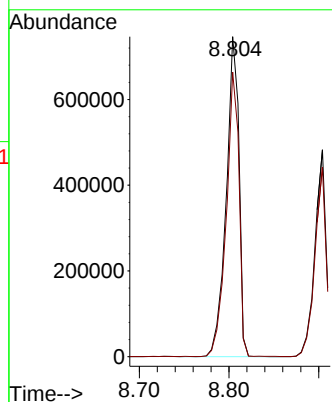
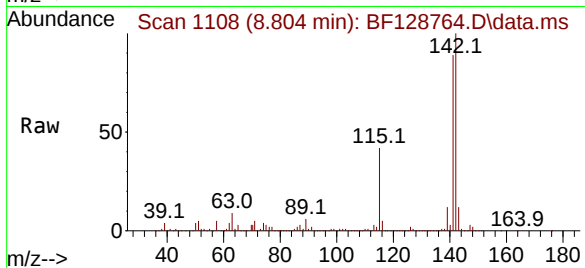
MW-1R

Tgt Ion:142 Resp: 736447

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 54.837 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128764.D

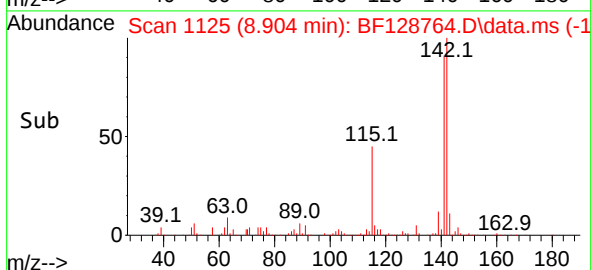
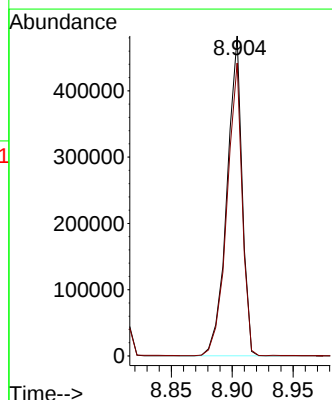
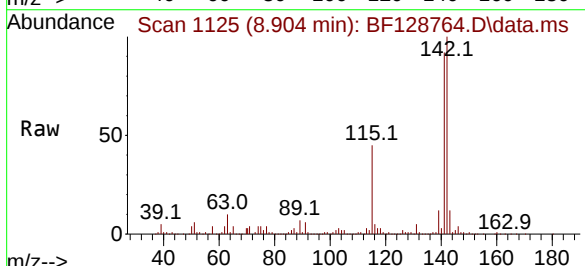
Acq: 10 Jun 2022 17:47

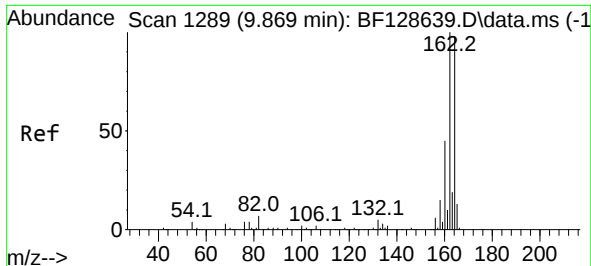
Tgt Ion:142 Resp: 418813

Ion Ratio Lower Upper

142 100

141 91.6 74.2 111.4

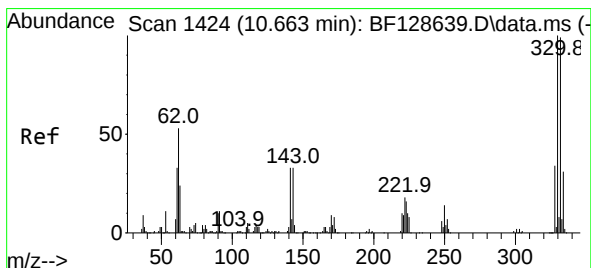
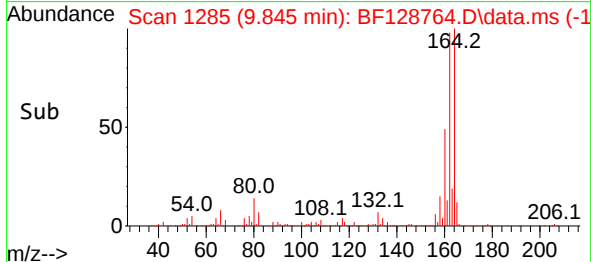
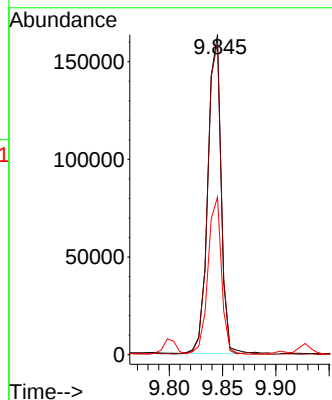
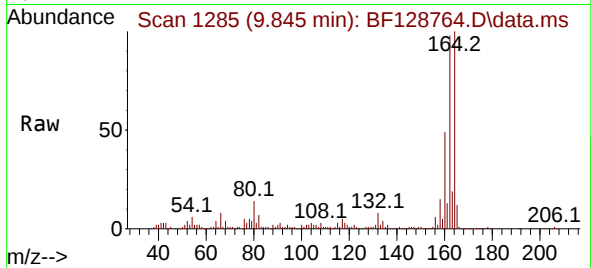




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

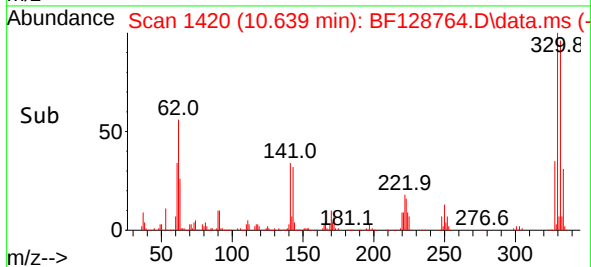
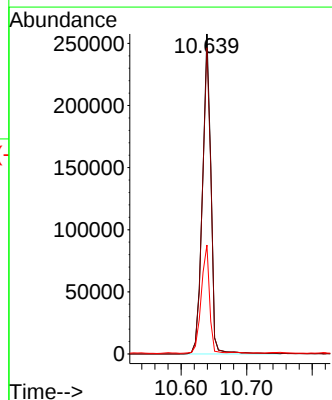
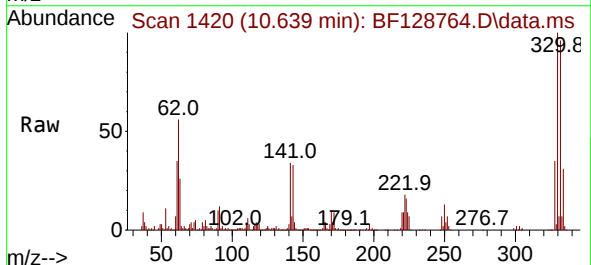
Instrument :
BNA_F
ClientSampleId :
MW-1R

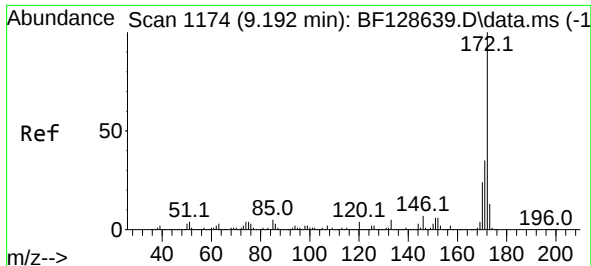
Tgt Ion:164 Resp: 142523
Ion Ratio Lower Upper
164 100
162 97.6 79.5 119.3
160 49.2 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 136.635 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Tgt Ion:330 Resp: 230090
Ion Ratio Lower Upper
330 100
332 98.0 76.8 115.2
141 33.1 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 96.125 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

MW-1R

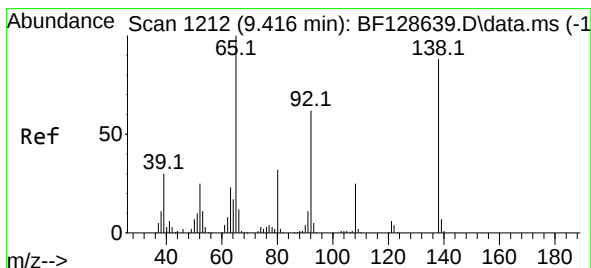
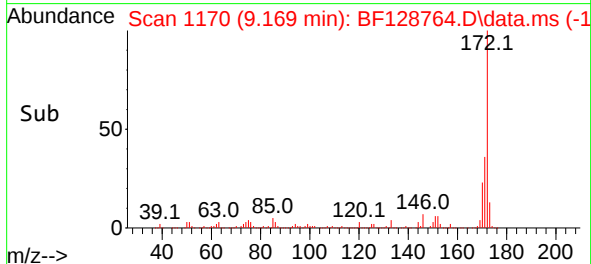
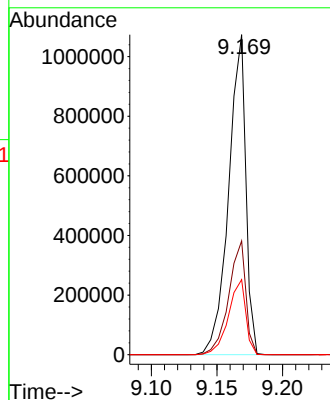
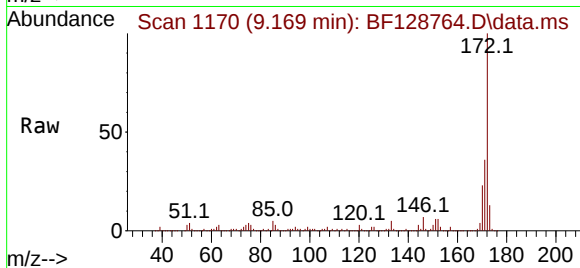
Tgt Ion:172 Resp: 978015

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 19.8 29.8



#48

2-Nitroaniline

Concen: 2.818 ng

RT: 9.410 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

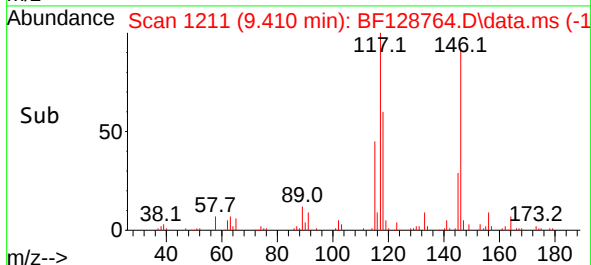
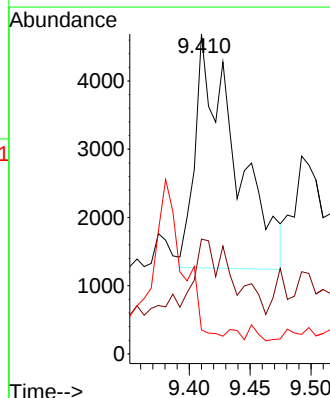
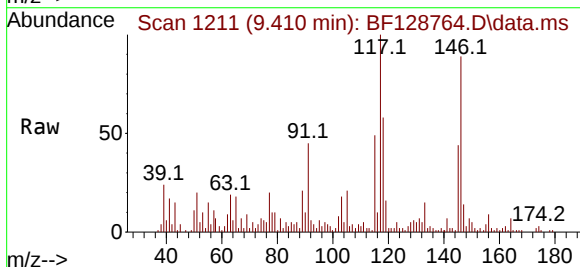
Tgt Ion: 65 Resp: 7863

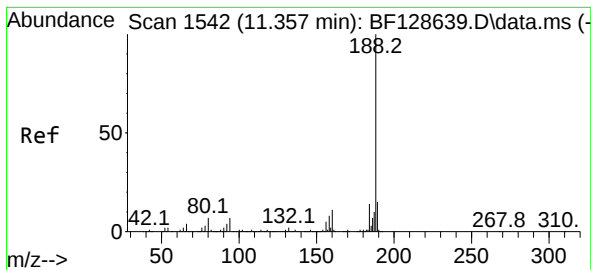
Ion Ratio Lower Upper

65 100

92 35.9 51.9 77.9#

138 7.5 76.4 114.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

MW-1R

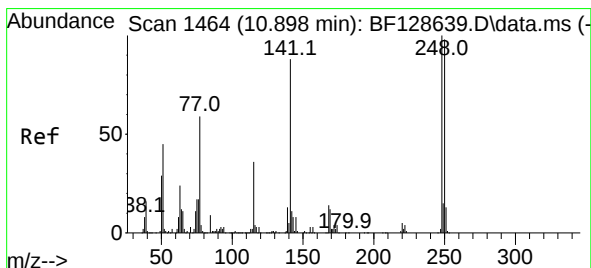
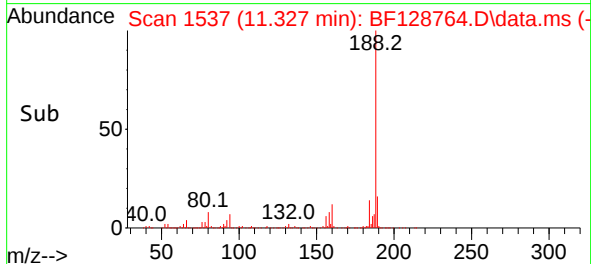
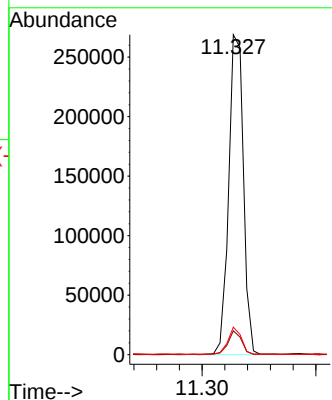
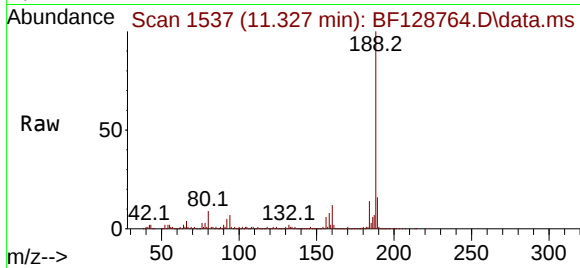
Tgt Ion:188 Resp: 242188

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.475 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.247 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

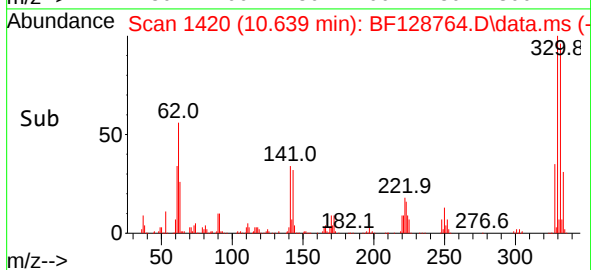
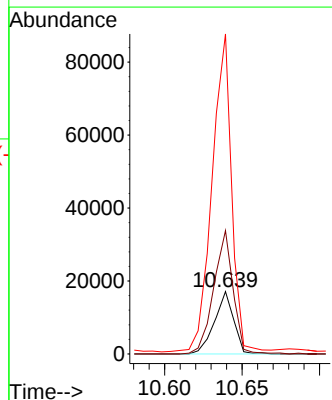
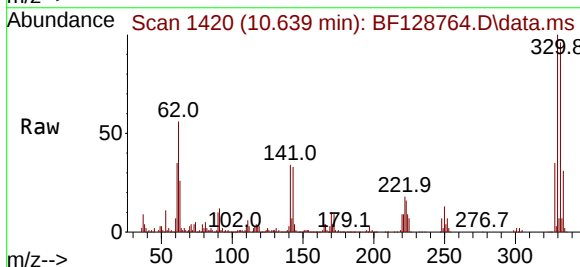
Tgt Ion:248 Resp: 14787

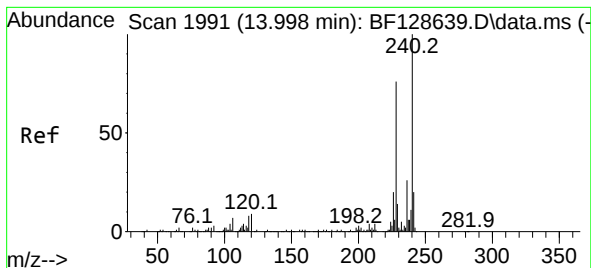
Ion Ratio Lower Upper

248 100

250 197.7 80.6 120.8#

141 512.4 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

Instrument :

BNA_F

ClientSampleId :

MW-1R

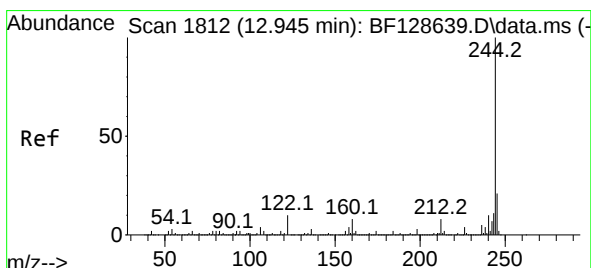
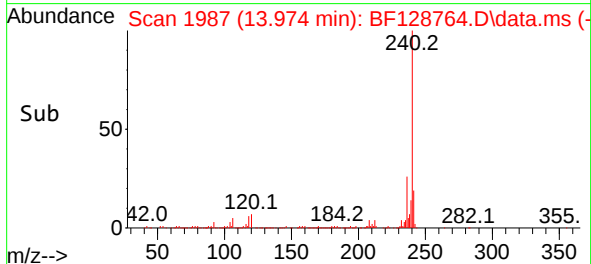
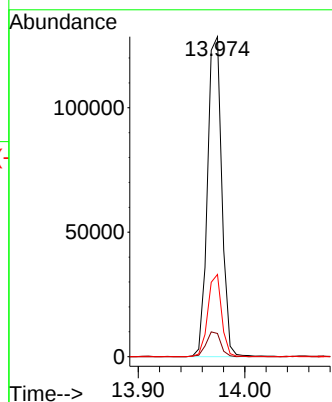
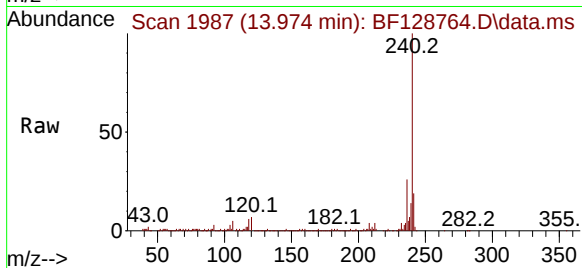
Tgt Ion:240 Resp: 120253

Ion Ratio Lower Upper

240 100

120 7.3 8.9 13.3#

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 115.424 ng

RT: 12.921 min Scan# 1808

Delta R.T. -0.012 min

Lab File: BF128764.D

Acq: 10 Jun 2022 17:47

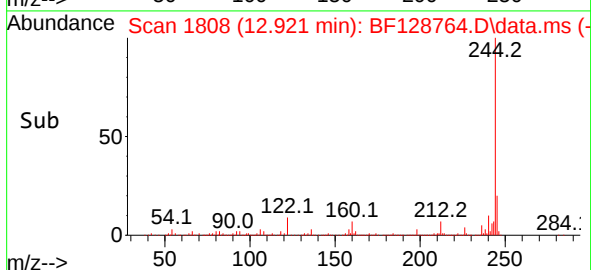
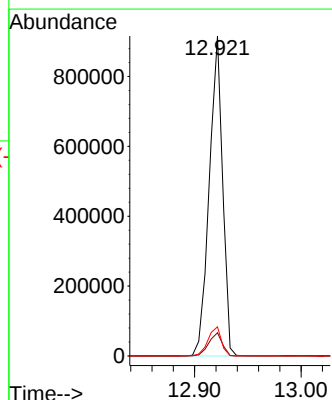
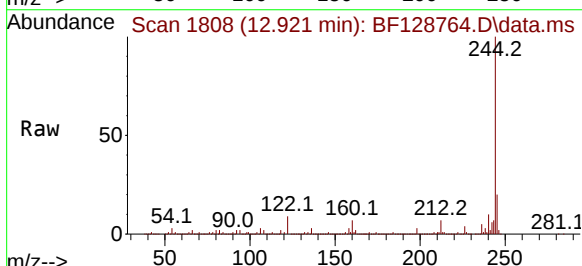
Tgt Ion:244 Resp: 798793

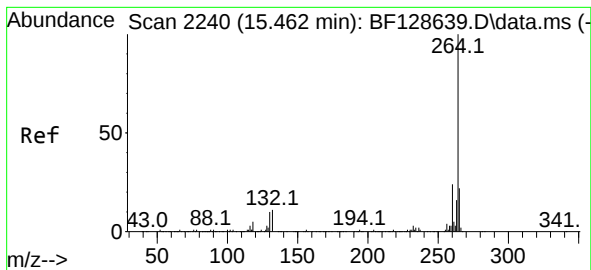
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 9.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128764.D
Acq: 10 Jun 2022 17:47

Instrument :
BNA_F
ClientSampleId :
MW-1R

Tgt Ion:264 Resp: 133710

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.3	17.2	25.8

