

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
 Data File : BF138094.D
 Acq On : 31 May 2024 18:41
 Operator : CG\JU
 Sample : PB161196BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161196BL

Quant Time: Jun 01 01:45:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

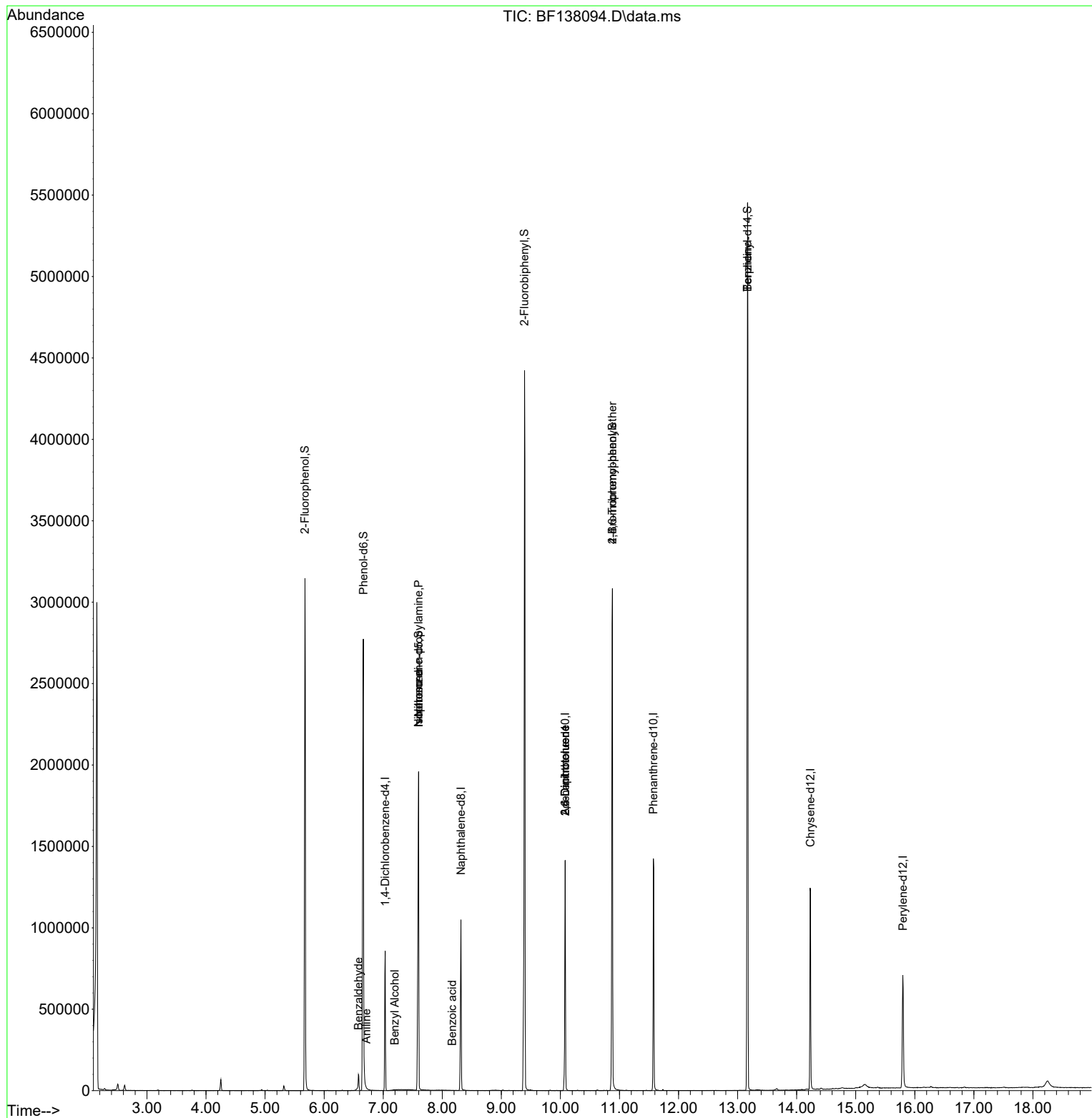
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	130362	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	514193	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	307535	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	582869	20.000	ng	0.00
76) Chrysene-d12	14.233	240	457920	20.000	ng	0.00
86) Perylene-d12	15.798	264	376480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	995242	136.476	ng	0.01
7) Phenol-d6	6.663	99	1209070	128.752	ng	0.00
23) Nitrobenzene-d5	7.598	82	747282	84.685	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	475766	132.628	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1681061	81.027	ng	0.00
79) Terphenyl-d14	13.169	244	2259709	71.380	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.716	93	56	3.942	ng	# 1
9) Benzaldehyde	6.581	77	28259	6.769	ng	92
15) Benzyl Alcohol	7.192	79	1576	5.432	ng	91
19) n-Nitroso-di-n-propyla...	7.598	70	98828	18.149	ng	# 75
25) Isophorone	7.598	82	742396	48.764	ng	# 62
32) Benzoic acid	8.169	122	256	7.835	ng	86
51) 2,6-Dinitrotoluene	10.081	165	40232	8.599	ng	# 33
57) 2,4-Dinitrotoluene	10.081	165	40232	6.521	ng	# 32
67) 4-Bromophenyl-phenylether	10.880	248	29854	4.370	ng	# 1
77) Benzidine	13.169	184	27355	7.007	ng	# 91

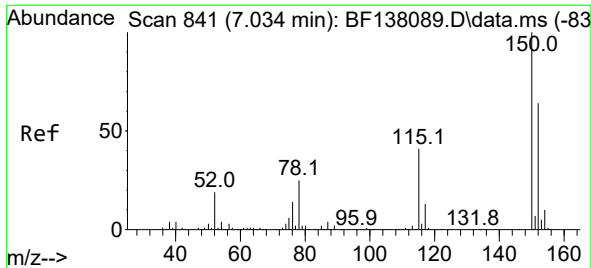
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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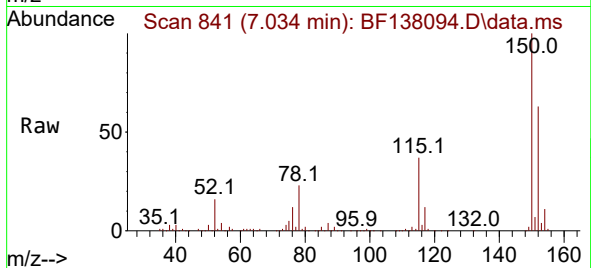
Quant Time: Jun 01 01:45:37 2024
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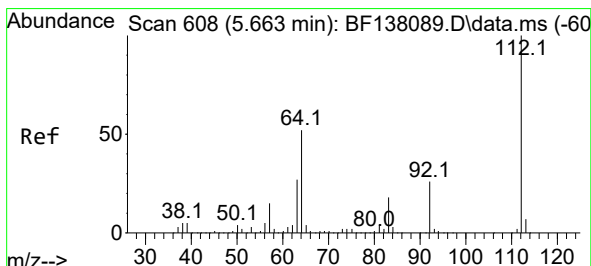
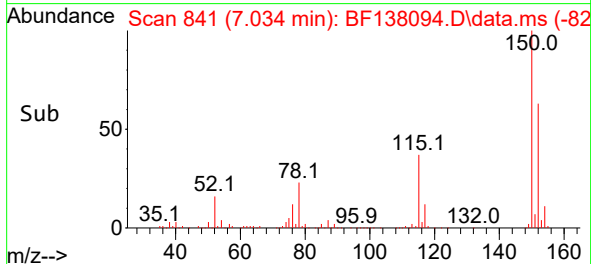
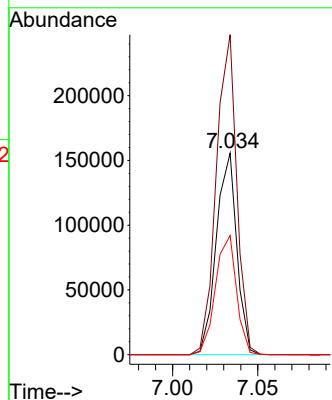


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Instrument :
BNA_F
ClientSampleId :
PB161196BL

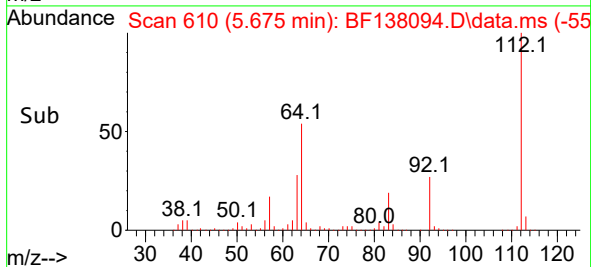
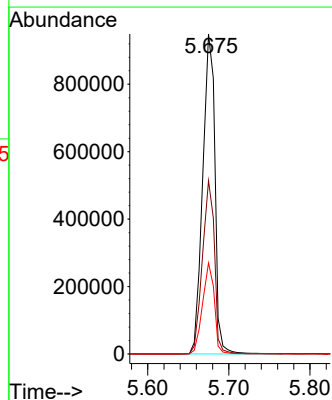
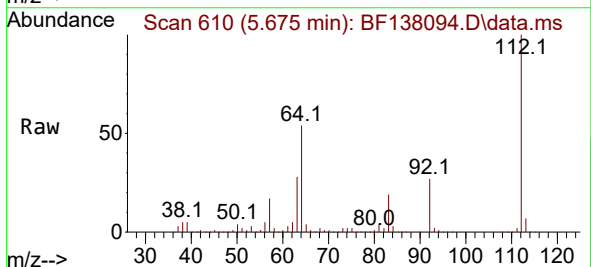


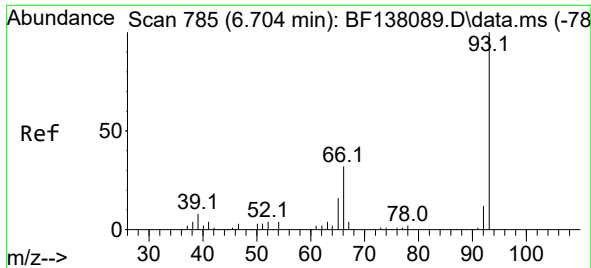
Tgt Ion:152 Resp: 130362
Ion Ratio Lower Upper
152 100
150 158.7 125.4 188.0
115 59.2 51.6 77.4



#5
2-Fluorophenol
Concen: 136.476 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion:112 Resp: 995242
Ion Ratio Lower Upper
112 100
64 54.2 41.4 62.2
63 28.5 21.5 32.3





#6

Aniline

Concen: 3.942 ng

RT: 6.716 min Scan# 716

Delta R.T. 0.012 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Instrument :

BNA_F

ClientSampleId :

PB161196BL

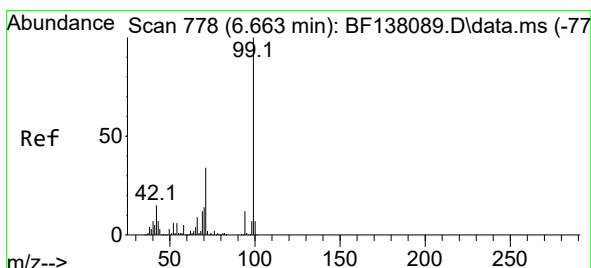
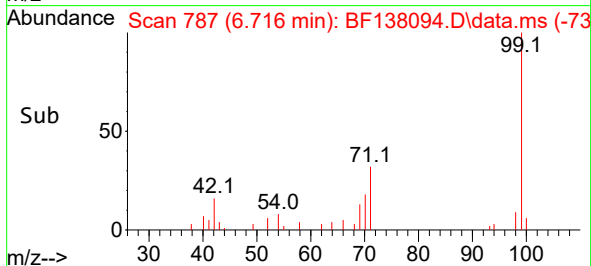
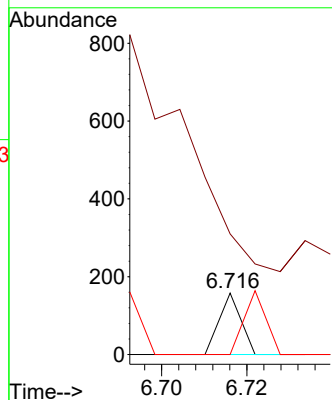
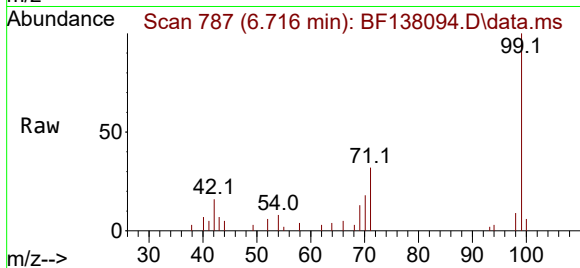
Tgt Ion: 93 Resp: 56

Ion Ratio Lower Upper

93 100

66 196.2 30.4 45.6#

65 0.0 16.2 24.4#



#7

Phenol-d6

Concen: 128.752 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

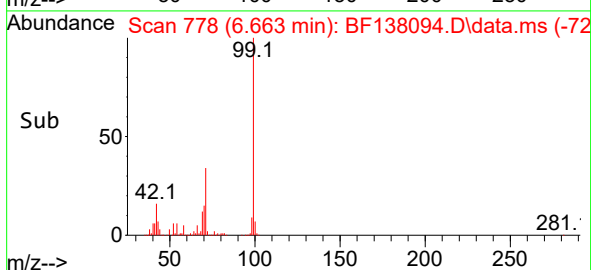
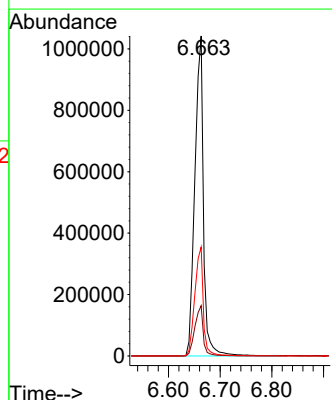
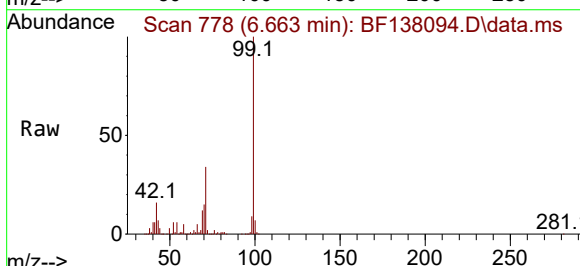
Tgt Ion: 99 Resp: 1209070

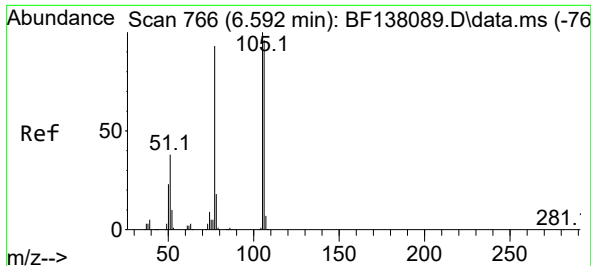
Ion Ratio Lower Upper

99 100

42 15.7 11.9 17.9

71 34.1 26.8 40.2

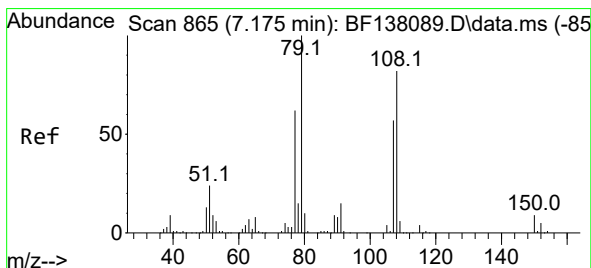
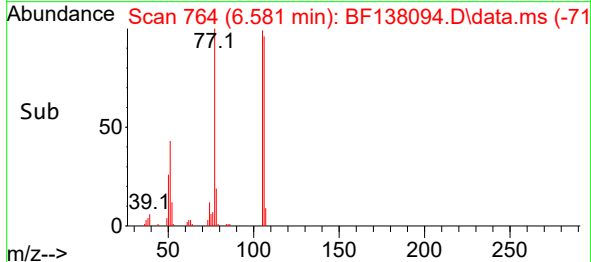
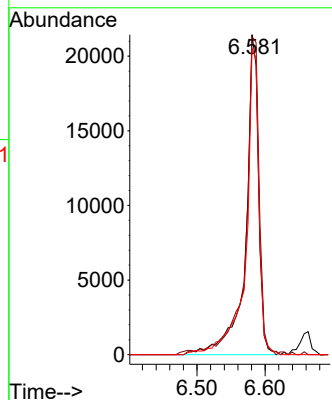
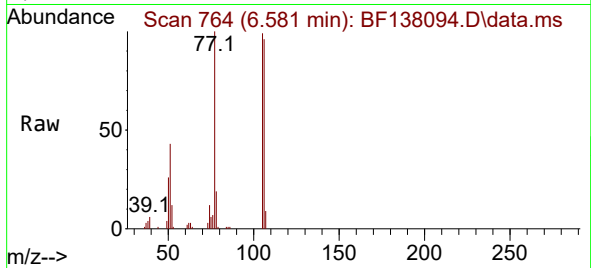




#9
Benzaldehyde
Concen: 6.769 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

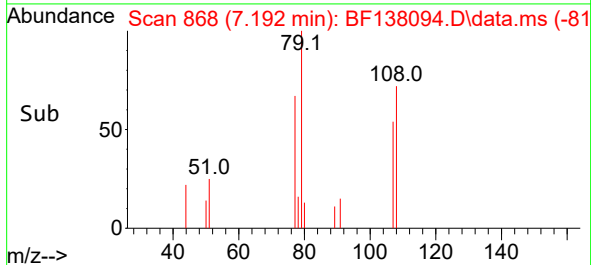
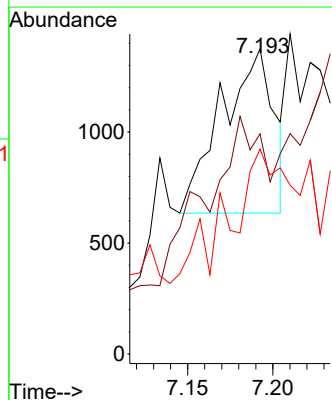
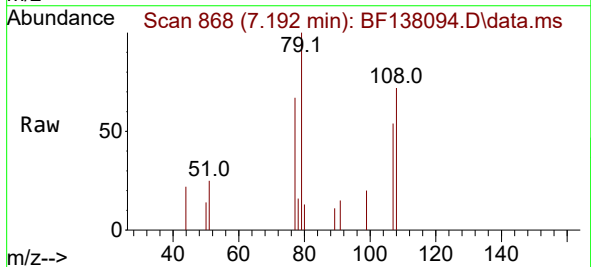
Instrument :
BNA_F
ClientSampleId :
PB161196BL

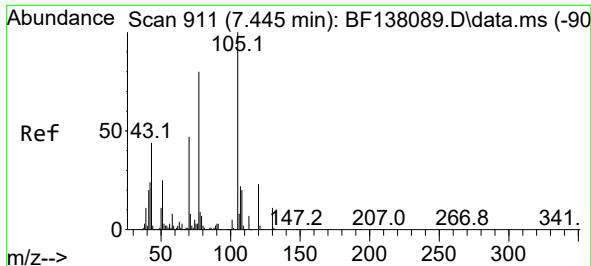
Tgt Ion: 77 Resp: 28259
Ion Ratio Lower Upper
77 100
105 99.4 88.0 128.0
106 95.7 83.7 123.7



#15
Benzyl Alcohol
Concen: 5.432 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.018 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion: 79 Resp: 1576
Ion Ratio Lower Upper
79 100
108 72.1 65.5 98.3
77 67.1 49.6 74.4





#19

n-Nitroso-di-n-propylamine

Concen: 18.149 ng

RT: 7.598 min Scan# 911

Delta R.T. 0.153 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Instrument :

BNA_F

ClientSampleId :

PB161196BL

Tgt Ion: 70 Resp: 98828

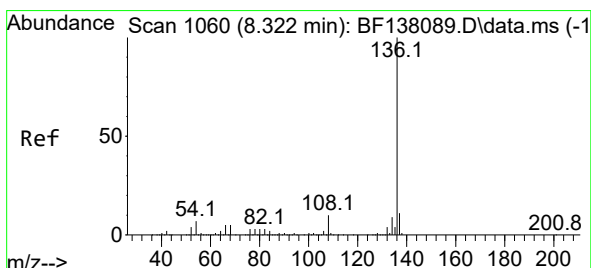
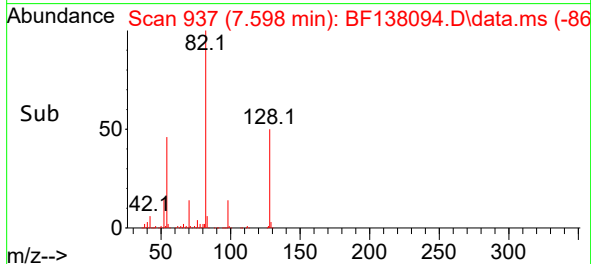
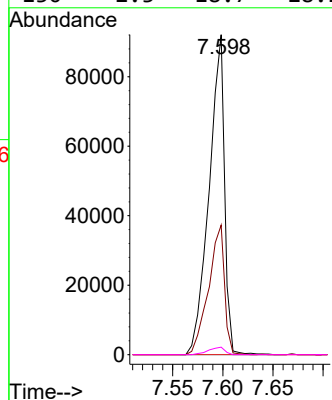
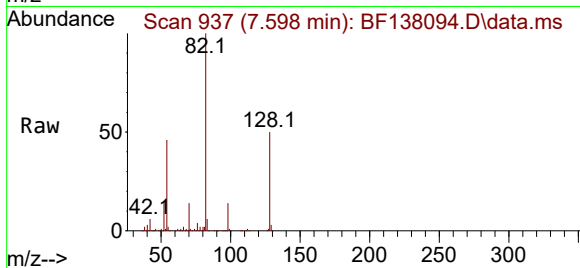
Ion Ratio Lower Upper

70 100

42 40.5 41.4 62.0#

101 0.0 8.1 12.1#

130 2.3 18.7 28.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.006 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Tgt Ion: 136 Resp: 514193

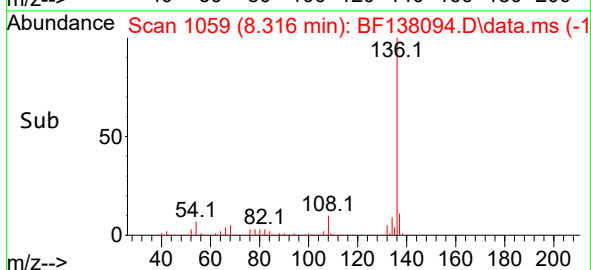
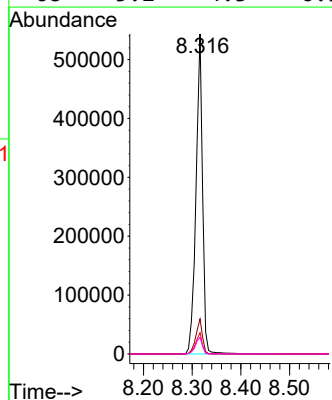
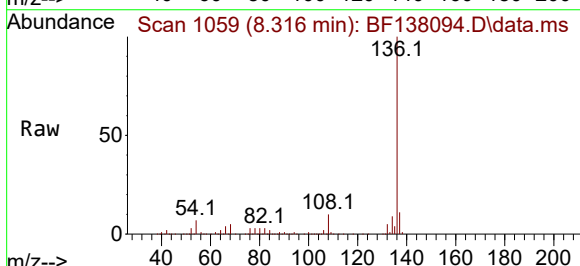
Ion Ratio Lower Upper

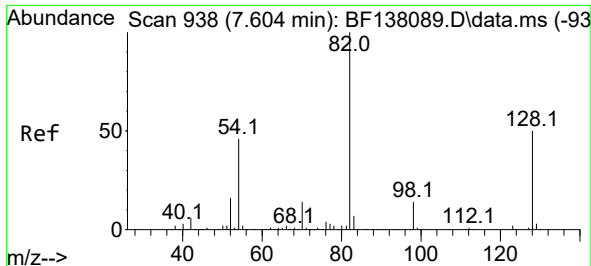
136 100

137 11.0 8.7 13.1

54 6.7 5.4 8.0

68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.685 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Instrument :

BNA_F

ClientSampleId :

PB161196BL

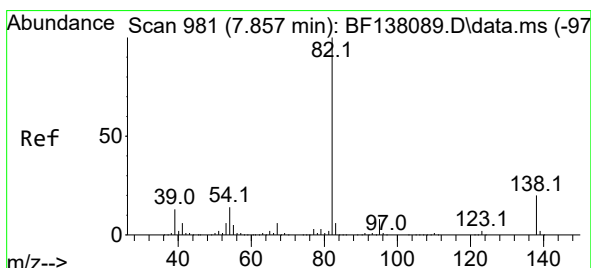
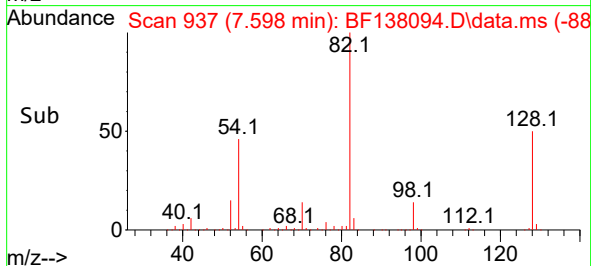
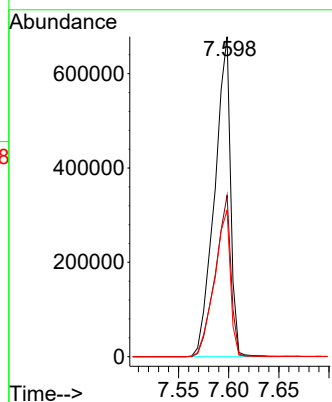
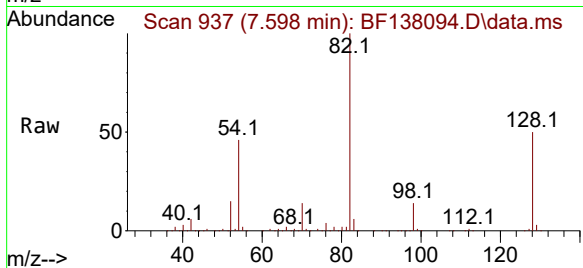
Tgt Ion: 82 Resp: 747282

Ion Ratio Lower Upper

82 100

128 50.4 39.9 59.9

54 45.8 37.0 55.4



#25

Isophorone

Concen: 48.764 ng

RT: 7.598 min Scan# 937

Delta R.T. -0.259 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

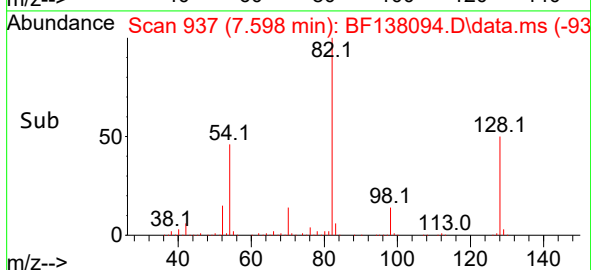
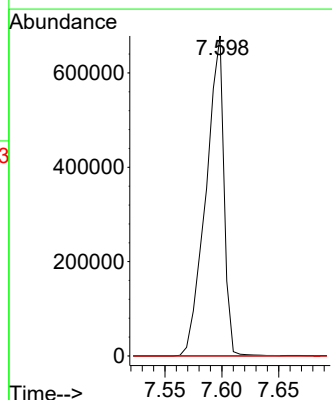
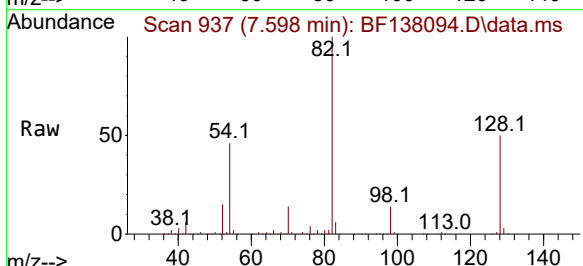
Tgt Ion: 82 Resp: 742396

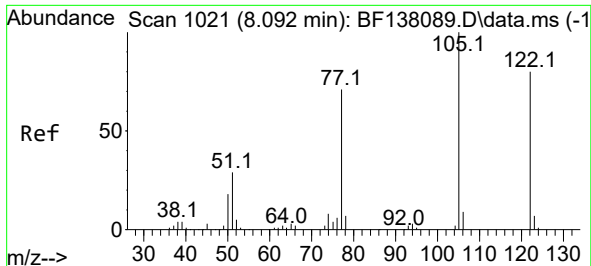
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 16.2 24.2#

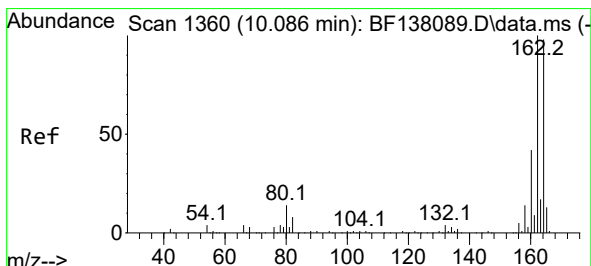
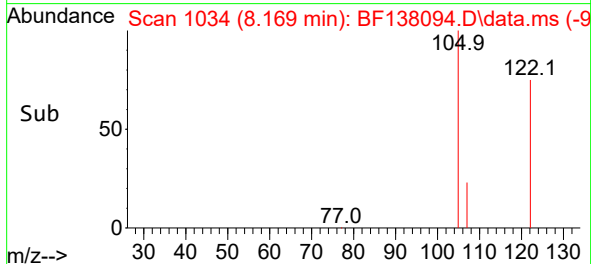
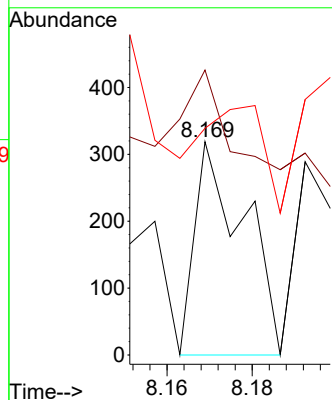
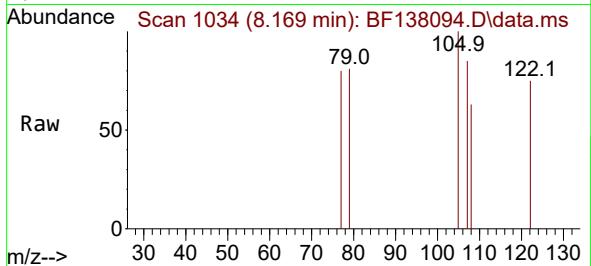




#32
Benzoic acid
Concen: 7.835 ng
RT: 8.169 min Scan# 1021
Delta R.T. 0.077 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

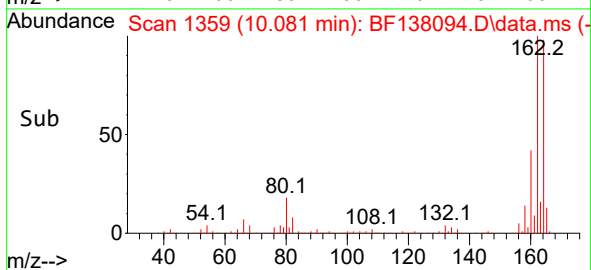
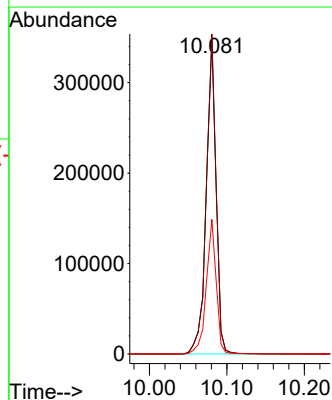
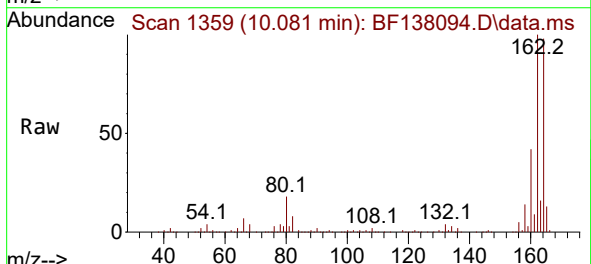
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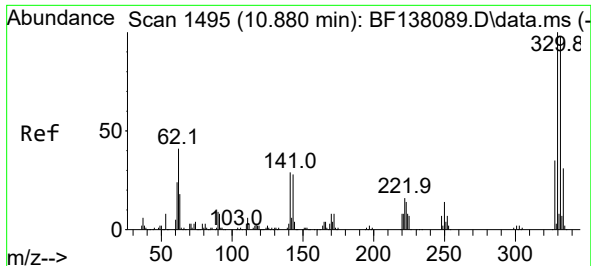
Tgt Ion:122 Resp: 256
Ion Ratio Lower Upper
122 100
105 133.5 102.3 142.3
77 106.3 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion:164 Resp: 307535
Ion Ratio Lower Upper
164 100
162 102.1 81.7 122.5
160 42.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 132.628 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138094.D

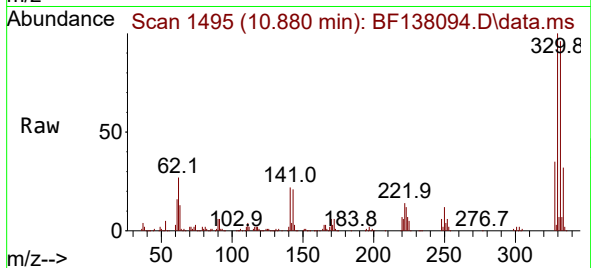
Acq: 31 May 2024 18:41

Instrument :

BNA_F

ClientSampleId :

PB161196BL



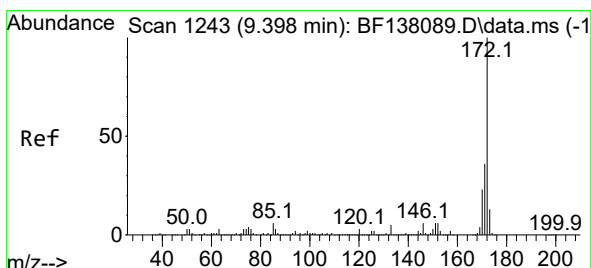
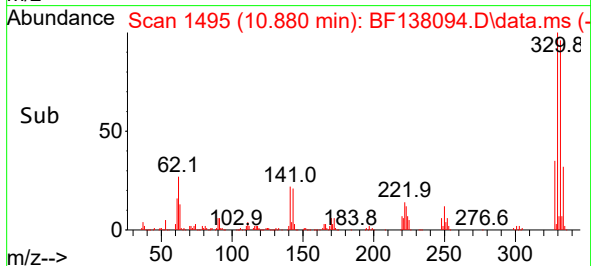
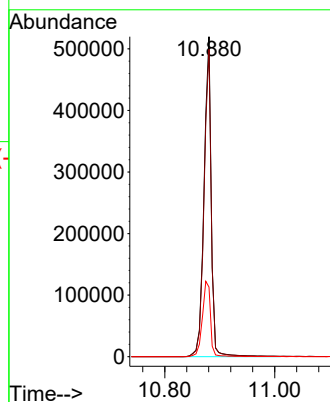
Tgt Ion:330 Resp: 475766

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 26.6 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 81.027 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

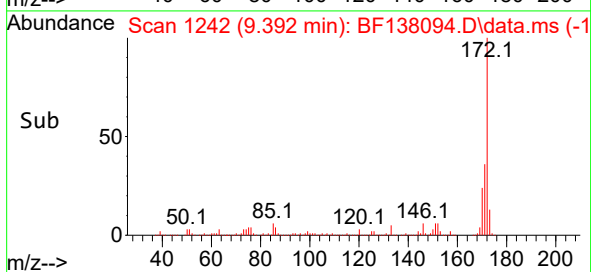
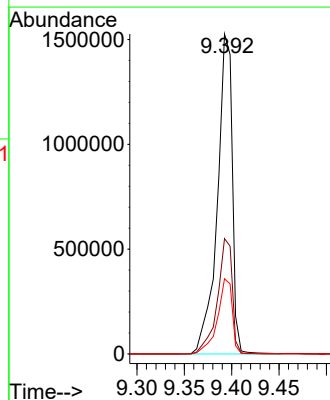
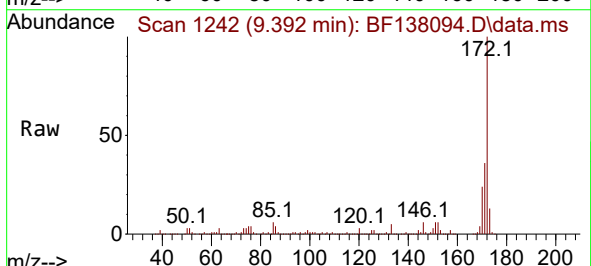
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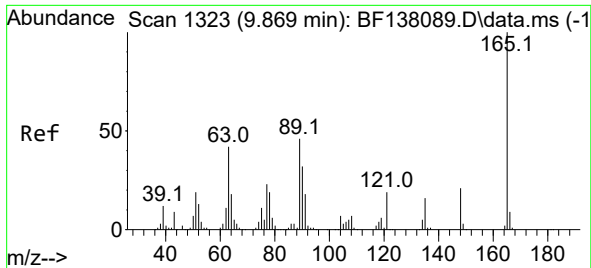
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 23.5 18.6 28.0

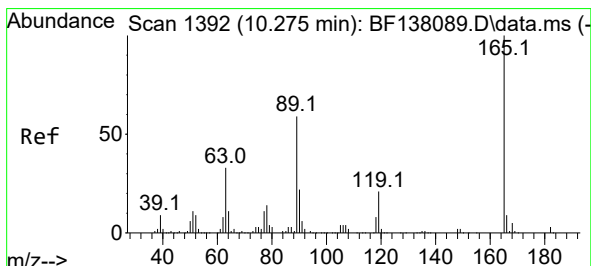
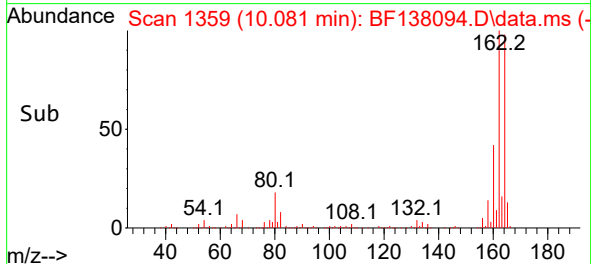
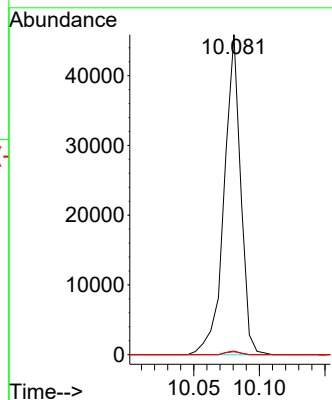
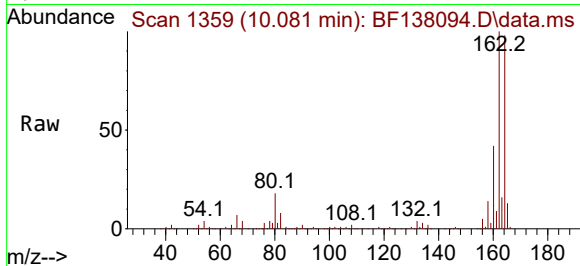




#51
2,6-Dinitrotoluene
Concen: 8.599 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.212 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

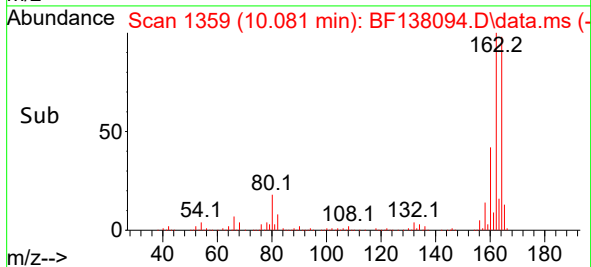
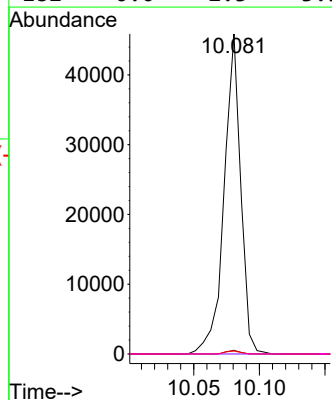
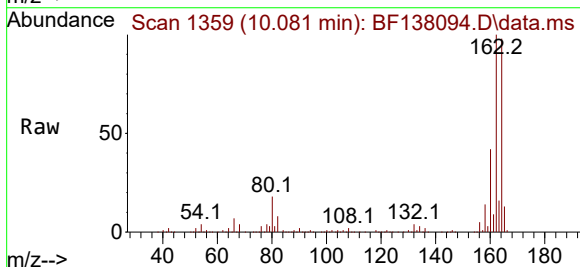
Instrument :
BNA_F
ClientSampleId :
PB161196BL

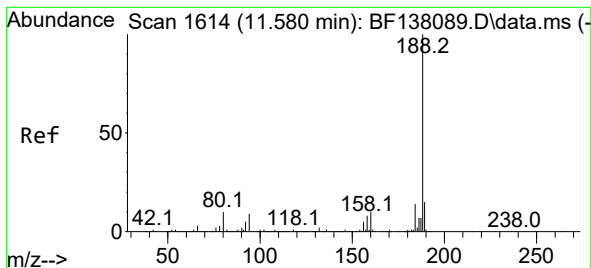
Tgt Ion:165 Resp: 40232
Ion Ratio Lower Upper
165 100
63 1.1 34.6 51.8#
89 0.9 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.521 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion:165 Resp: 40232
Ion Ratio Lower Upper
165 100
63 1.1 27.4 41.0#
89 0.9 47.4 71.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

Instrument :

BNA_F

ClientSampleId :

PB161196BL

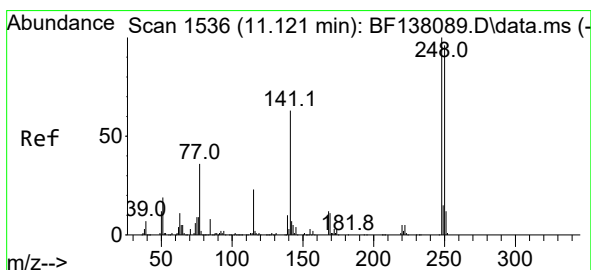
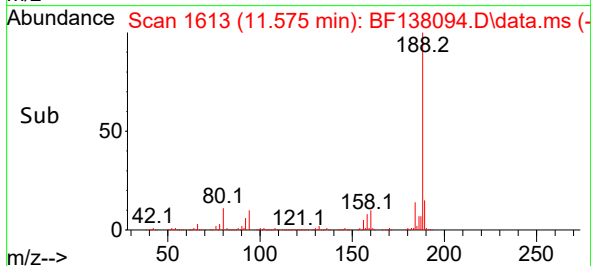
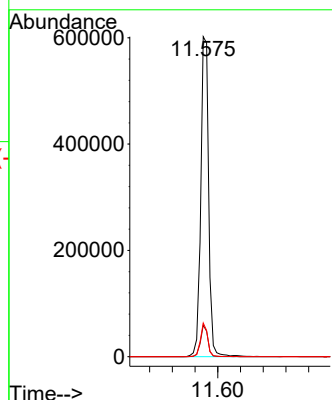
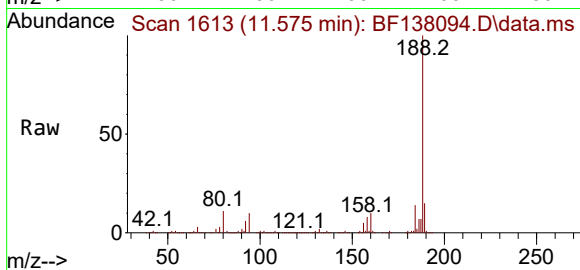
Tgt Ion:188 Resp: 582869

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.6 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 4.370 ng

RT: 10.880 min Scan# 1495

Delta R.T. -0.241 min

Lab File: BF138094.D

Acq: 31 May 2024 18:41

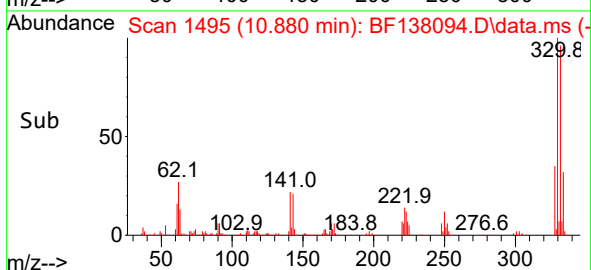
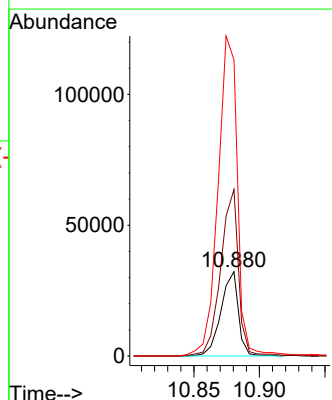
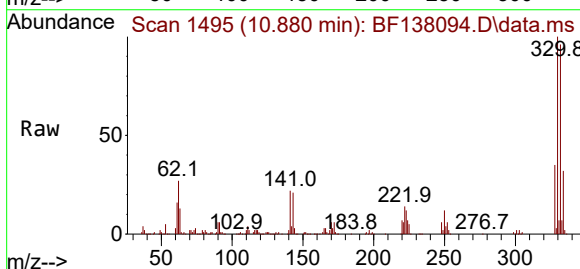
Tgt Ion:248 Resp: 29854

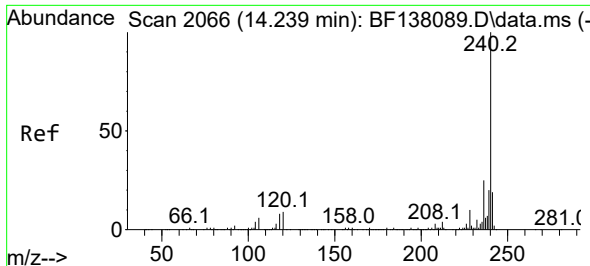
Ion Ratio Lower Upper

248 100

250 197.3 77.2 115.8#

141 351.1 50.6 76.0#

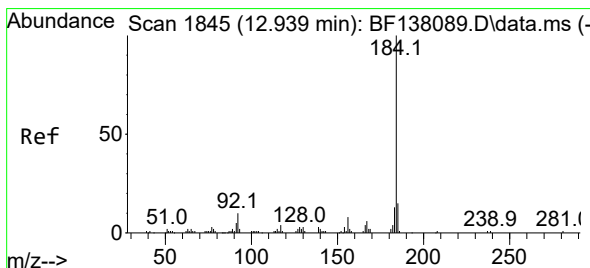
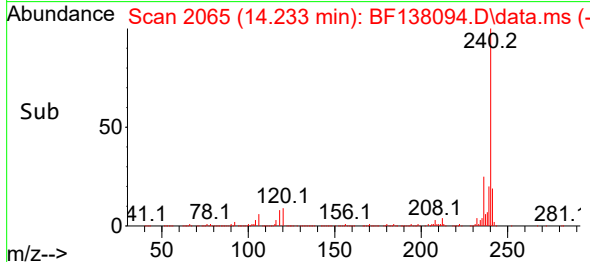
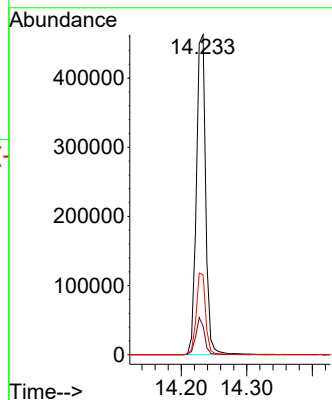
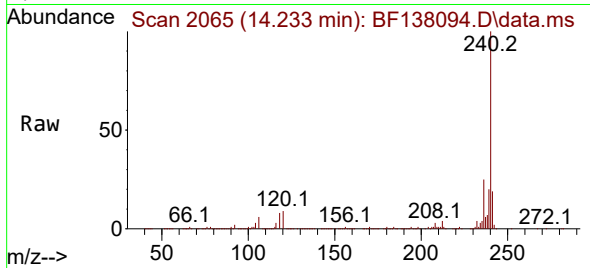




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

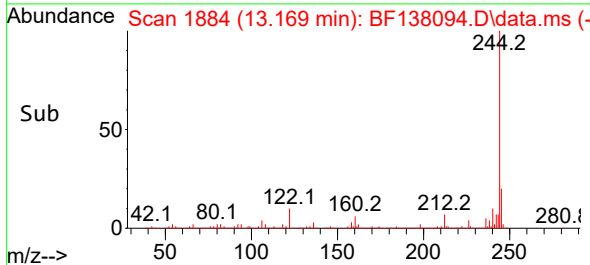
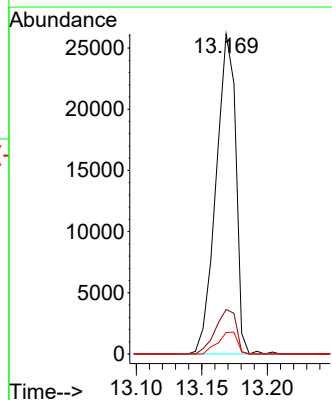
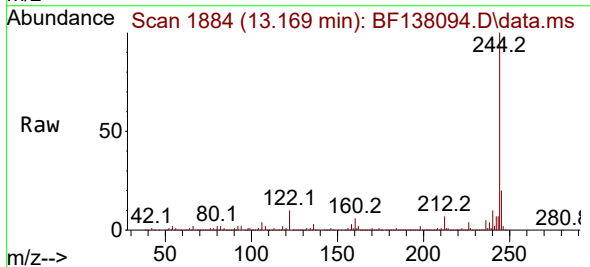
Instrument :
BNA_F
ClientSampleId :
PB161196BL

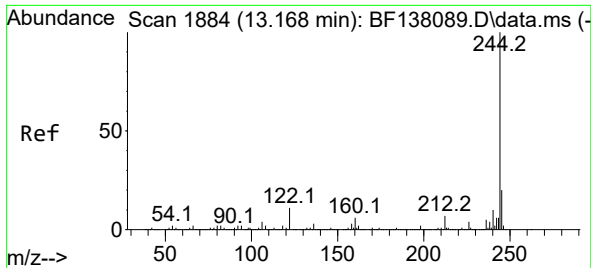
Tgt Ion:240 Resp: 457920
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 24.9 20.4 30.6



#77
Benzidine
Concen: 7.007 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.230 min
Lab File: BF138094.D
Acq: 31 May 2024 18:41

Tgt Ion:184 Resp: 27355
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 6.7 10.2 15.4#

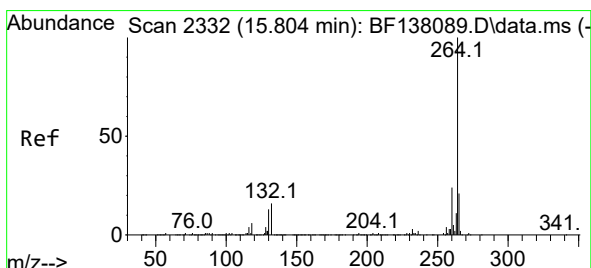
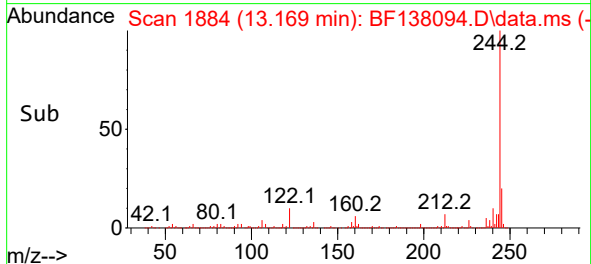
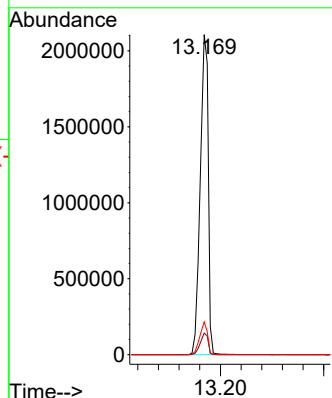
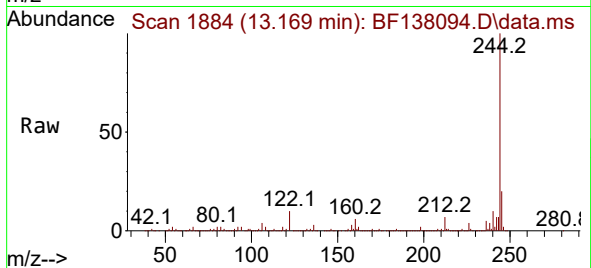




#79
 Terphenyl-d14
 Concen: 71.380 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: BF138094.D
 Acq: 31 May 2024 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB161196BL

Tgt Ion:244 Resp: 2259709
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 2331
 Delta R.T. -0.006 min
 Lab File: BF138094.D
 Acq: 31 May 2024 18:41

Tgt Ion:264 Resp: 376480
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 22.1 16.7 25.1

