

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138100.D
 Acq On : 03 Jun 2024 11:54
 Operator : CG\JU
 Sample : PB161242BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161242BL

Quant Time: Jun 03 12:51:55 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)

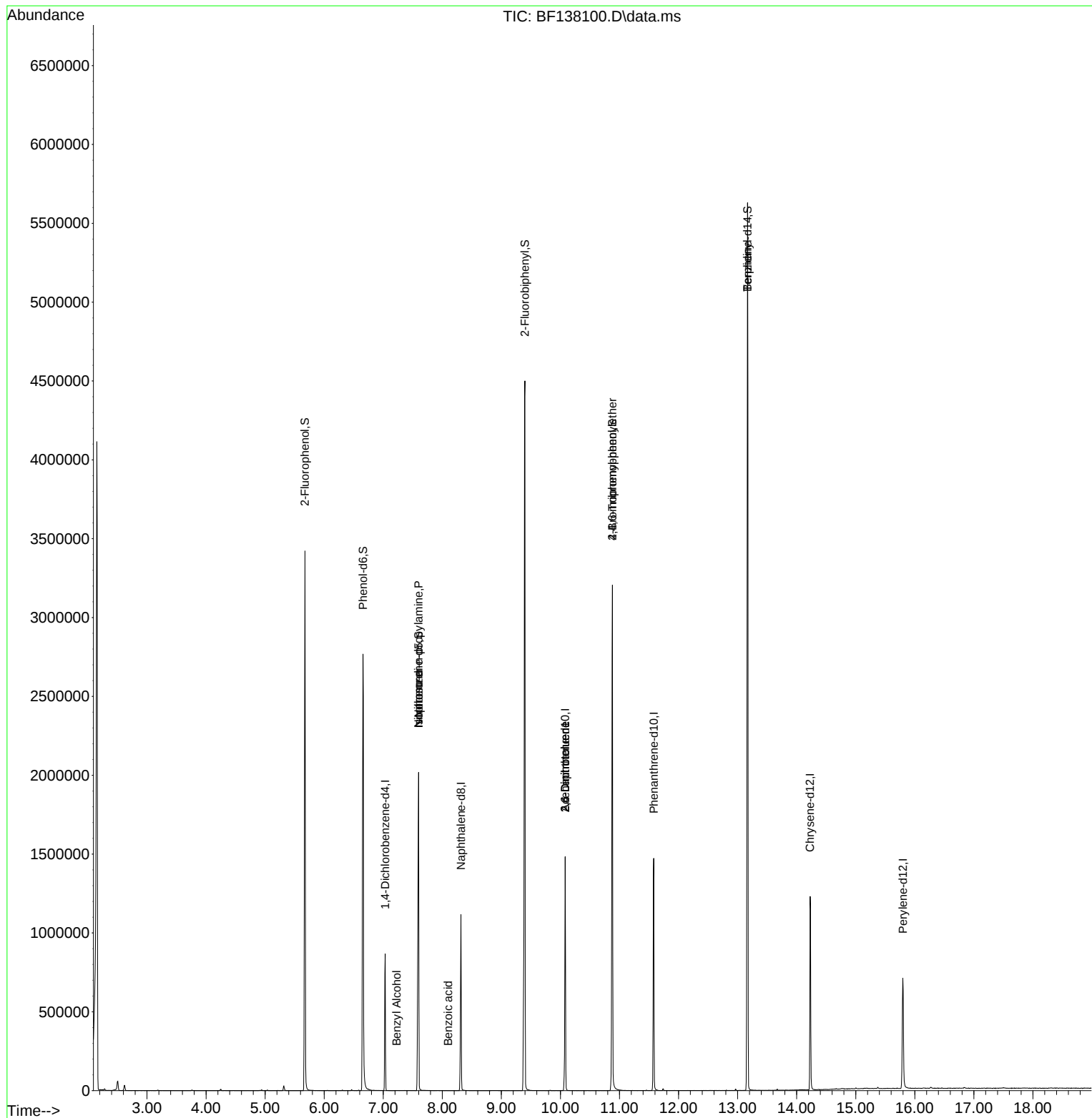
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	130689	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	529727	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	315674	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	592909	20.000	ng	0.00
76) Chrysene-d12	14.227	240	452378	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	390680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1038174	142.007	ng	0.01
7) Phenol-d6	6.657	99	1281208	136.093	ng	0.00
23) Nitrobenzene-d5	7.598	82	791963	87.117	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	483347	131.267	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1752088	82.273	ng	0.00
79) Terphenyl-d14	13.169	244	2325715	74.365	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.228	79	329	5.169	ng	# 41
19) n-Nitroso-di-n-propyla...	7.598	70	104596	19.160	ng	# 75
25) Isophorone	7.598	82	786122	50.122	ng	# 62
32) Benzoic acid	8.098	122	62	7.798	ng	# 1
51) 2,6-Dinitrotoluene	10.081	165	41577	8.658	ng	# 33
57) 2,4-Dinitrotoluene	10.081	165	41577	6.565	ng	# 31
67) 4-Bromophenyl-phenylether	10.880	248	30133	4.336	ng	# 1
77) Benzidine	13.169	184	26739	6.965	ng	# 93

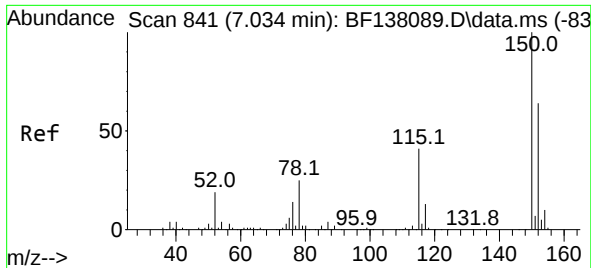
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 01 01:21:05 2024
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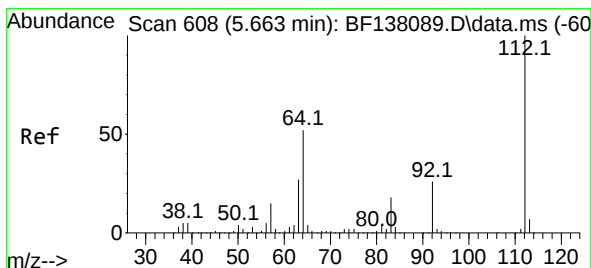
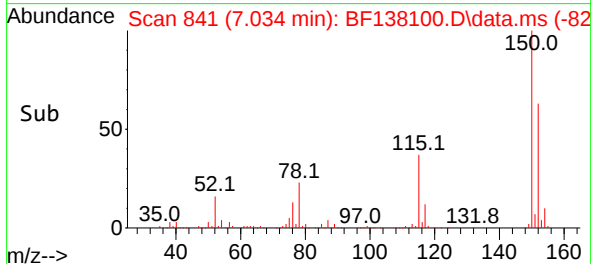
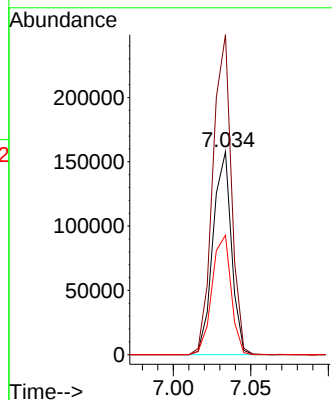
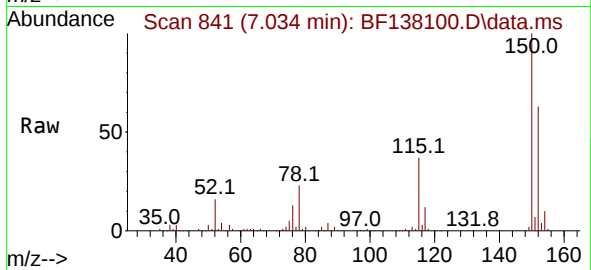




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

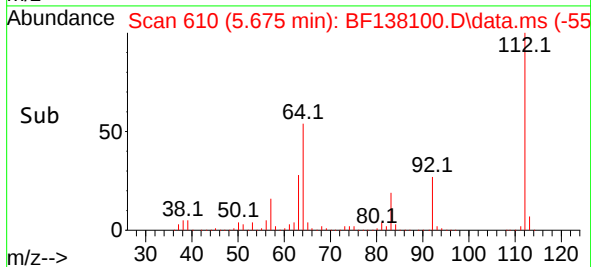
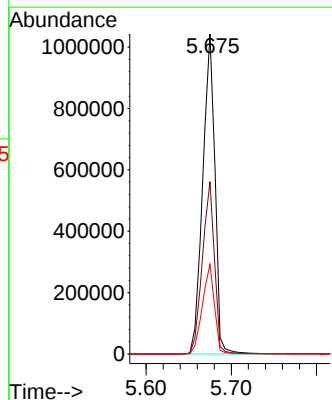
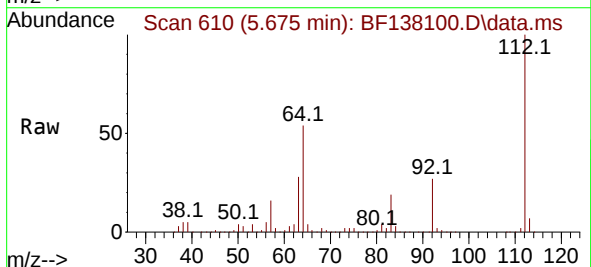
Instrument :
BNA_F
ClientSampleId :
PB161242BL

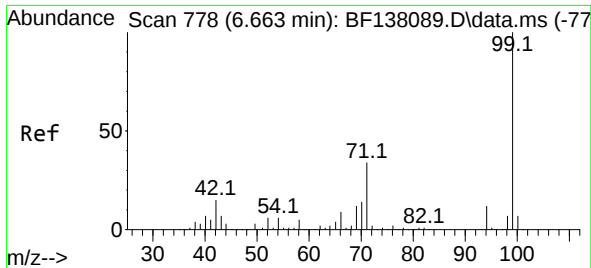
Tgt Ion:152 Resp: 130689
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 58.9 51.6 77.4



#5
2-Fluorophenol
Concen: 142.007 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion:112 Resp: 1038174
Ion Ratio Lower Upper
112 100
64 53.8 41.4 62.2
63 28.0 21.5 32.3



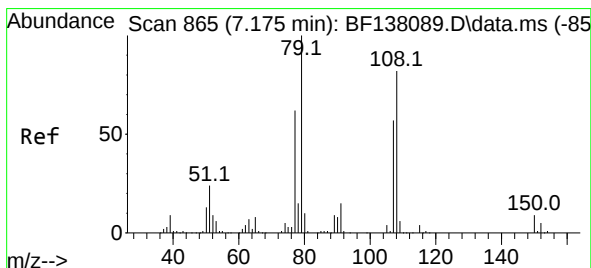
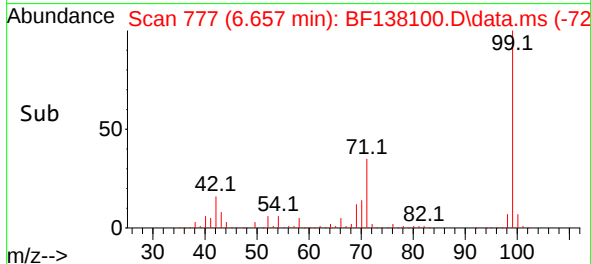
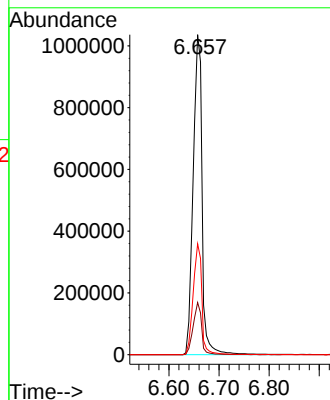
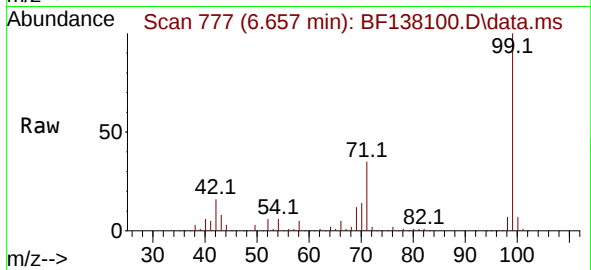


#7
Phenol-d6
Concen: 136.093 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Instrument :
BNA_F
ClientSampleId :
PB161242BL

Tgt Ion: 99 Resp: 1281208

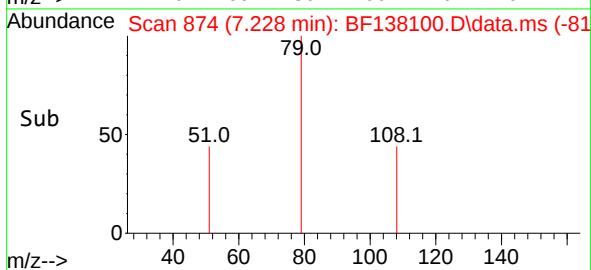
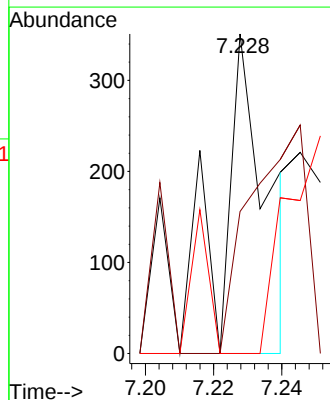
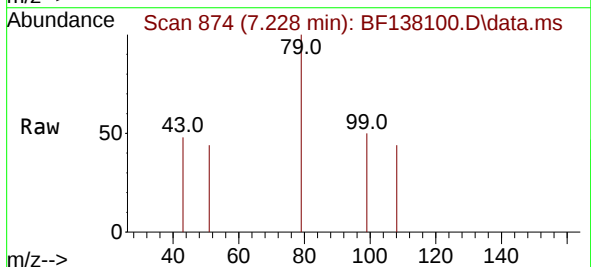
Ion	Ratio	Lower	Upper
99	100		
42	16.3	11.9	17.9
71	34.6	26.8	40.2

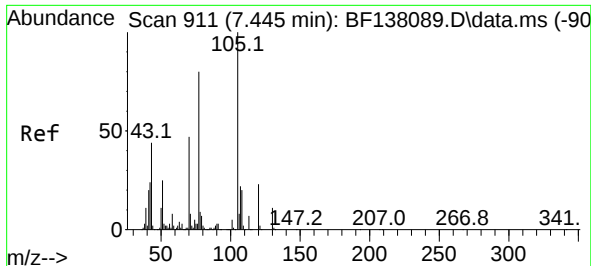


#15
Benzyl Alcohol
Concen: 5.169 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.053 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion: 79 Resp: 329

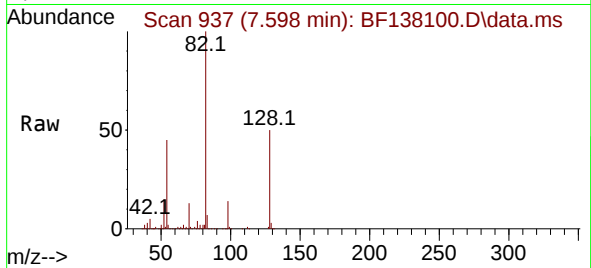
Ion	Ratio	Lower	Upper
79	100		
108	44.4	65.5	98.3#
77	0.0	49.6	74.4#



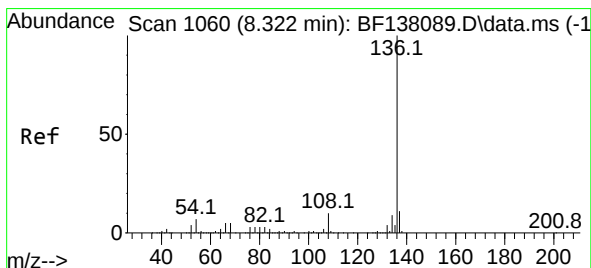
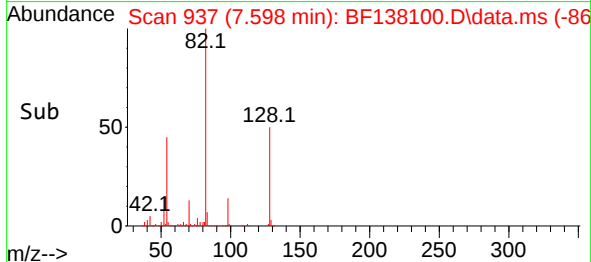
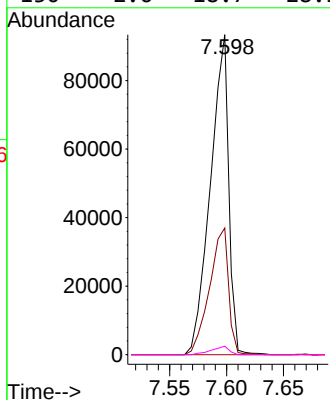


#19
n-Nitroso-di-n-propylamine
Concen: 19.160 ng
RT: 7.598 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Instrument :
BNA_F
ClientSampleId :
PB161242BL

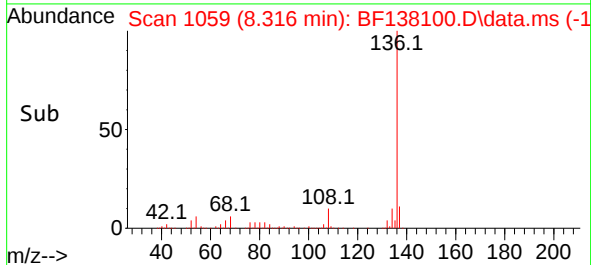
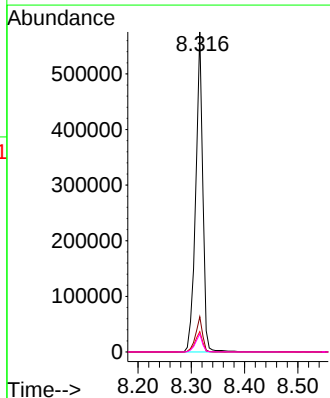
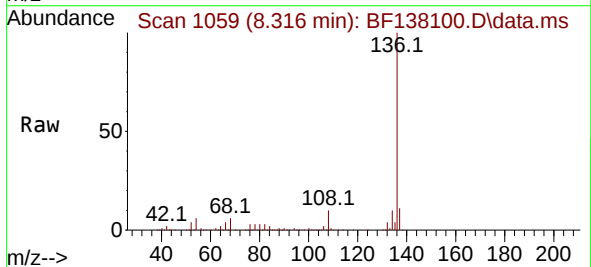


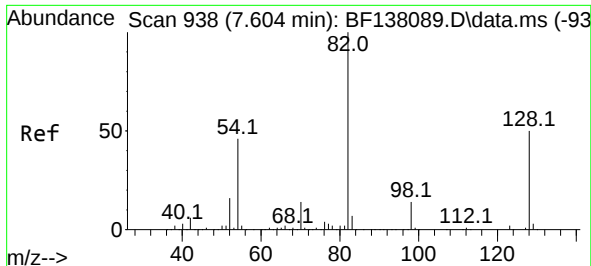
Tgt Ion: 70 Resp: 104596
Ion Ratio Lower Upper
70 100
42 39.6 41.4 62.0#
101 0.0 8.1 12.1#
130 2.6 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion: 136 Resp: 529727
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.0
68 5.7 4.3 6.5

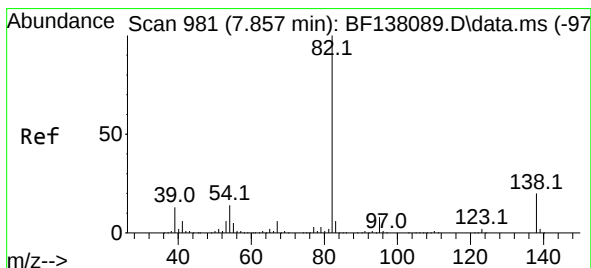
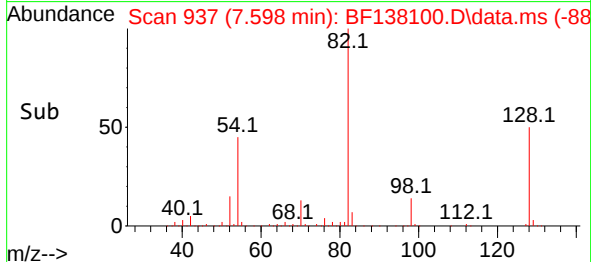
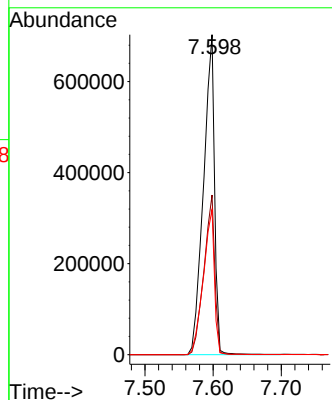
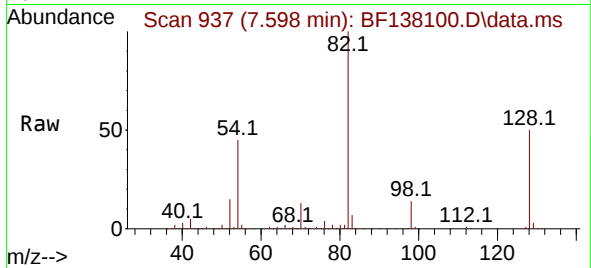




#23
Nitrobenzene-d5
Concen: 87.117 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

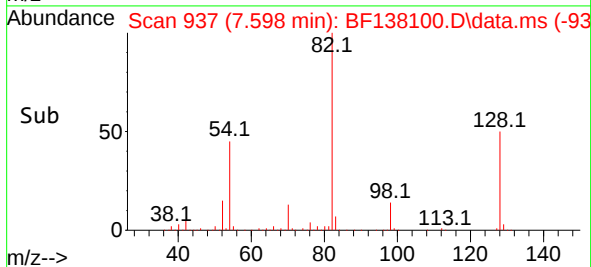
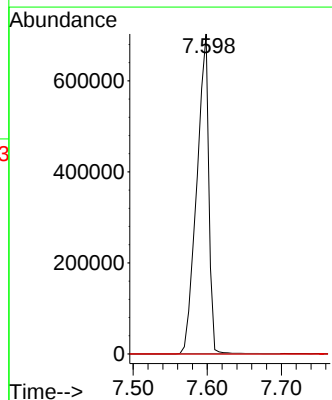
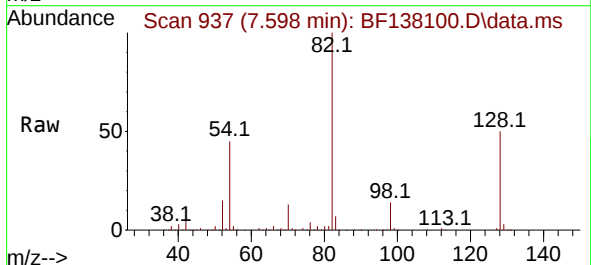
Instrument :
BNA_F
ClientSampleId :
PB161242BL

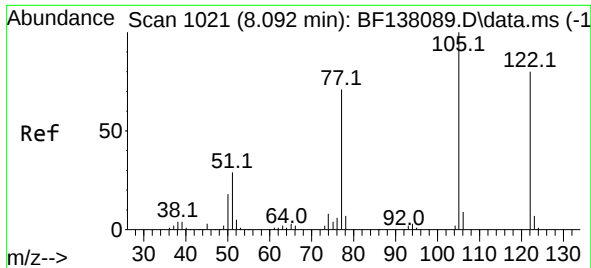
Tgt Ion: 82 Resp: 791963
Ion Ratio Lower Upper
82 100
128 49.9 39.9 59.9
54 45.4 37.0 55.4



#25
Isophorone
Concen: 50.122 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.259 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion: 82 Resp: 786122
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#

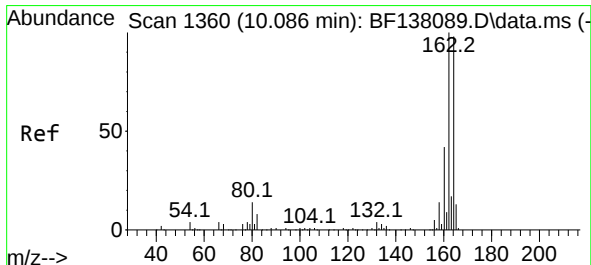
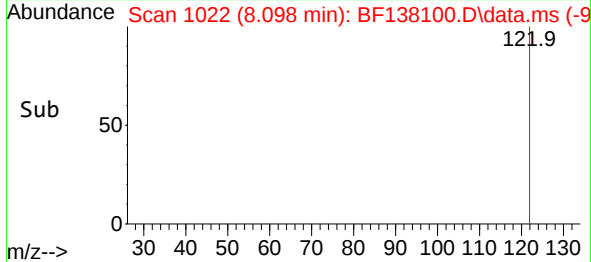
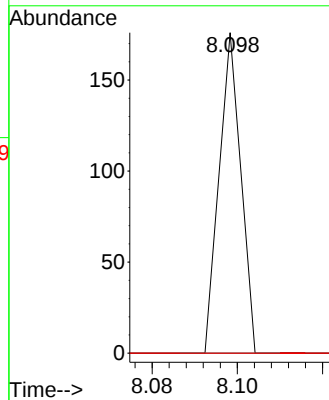
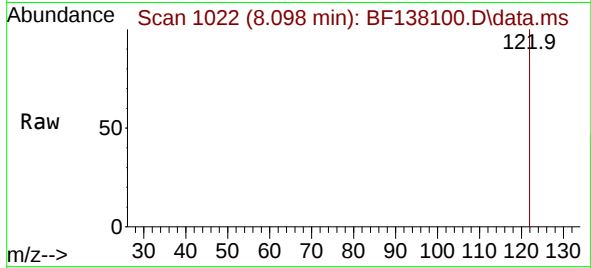




#32
Benzoic acid
Concen: 7.798 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

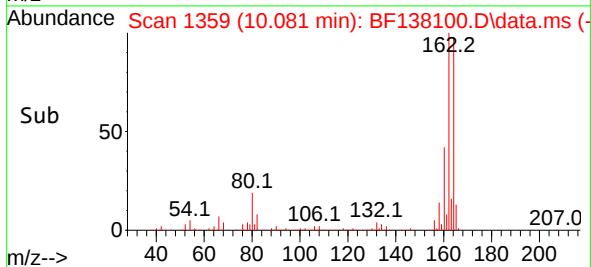
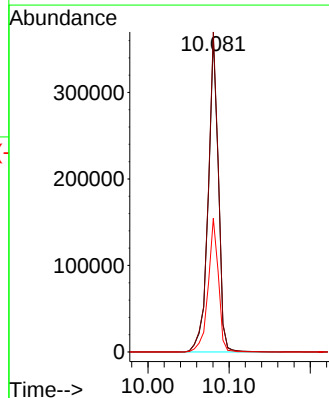
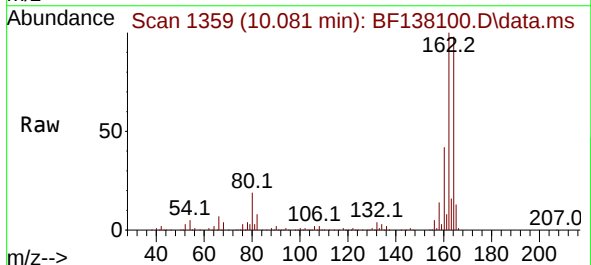
Instrument :
BNA_F
ClientSampleId :
PB161242BL

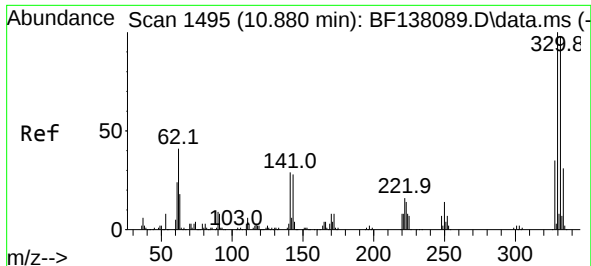
Tgt Ion:	122	Resp:	62
Ion	Ratio	Lower	Upper
122	100		
105	0.0	102.3	142.3#
77	0.0	67.6	107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion:	164	Resp:	315674
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	42.5	34.5	51.7





#42

2,4,6-Tribromophenol

Concen: 131.267 ng

RT: 10.880 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PB161242BL

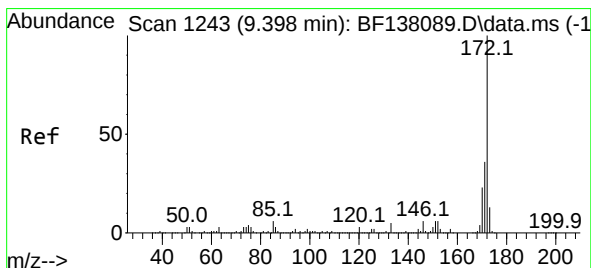
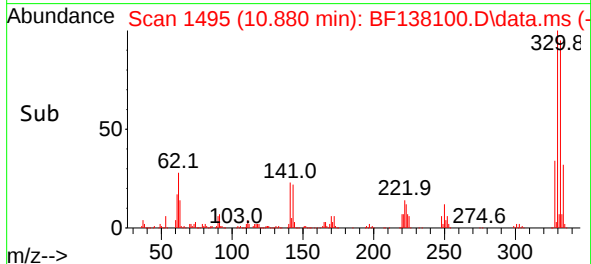
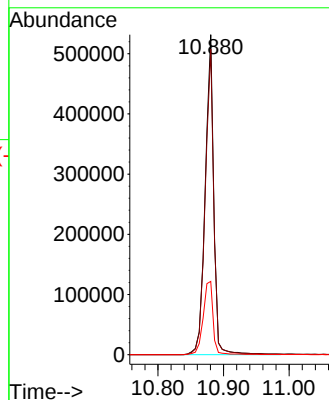
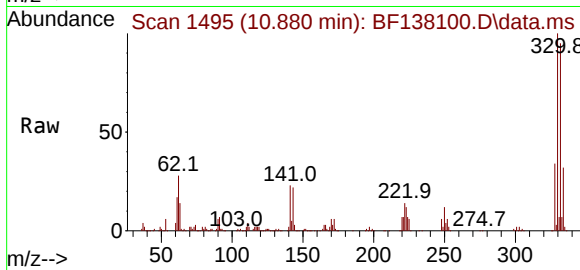
Tgt Ion:330 Resp: 483347

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 26.7 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 82.273 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

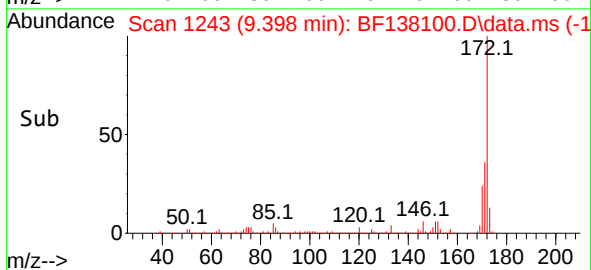
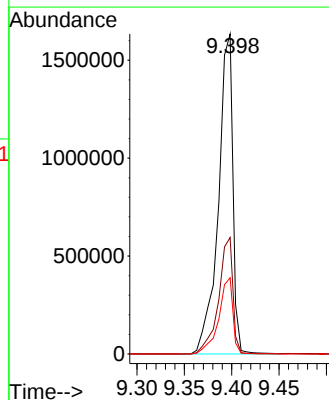
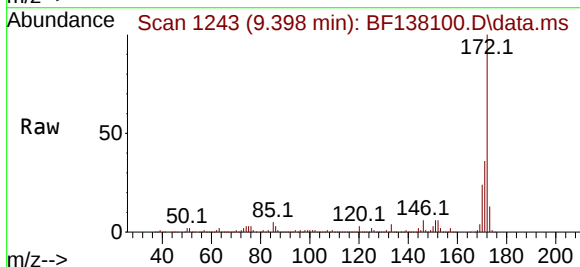
Tgt Ion:172 Resp: 1752088

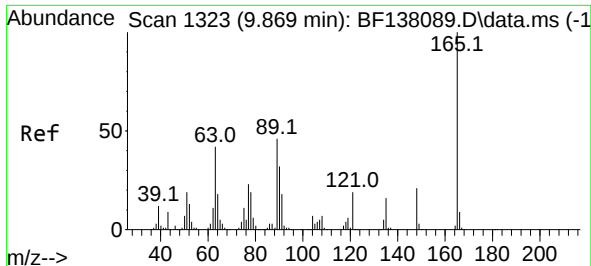
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

170 23.8 18.6 28.0

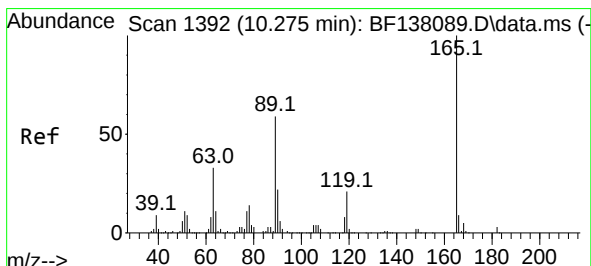
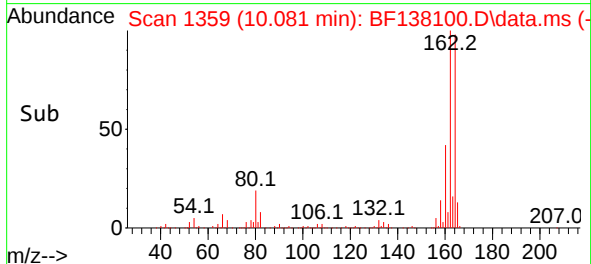
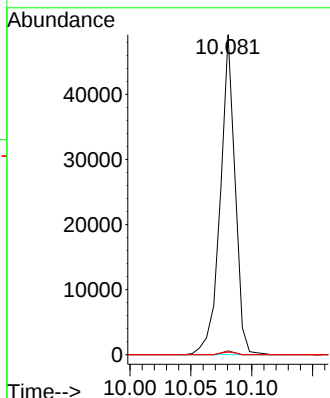
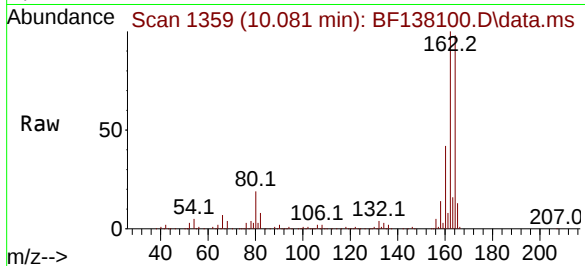




#51
2,6-Dinitrotoluene
Concen: 8.658 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.212 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

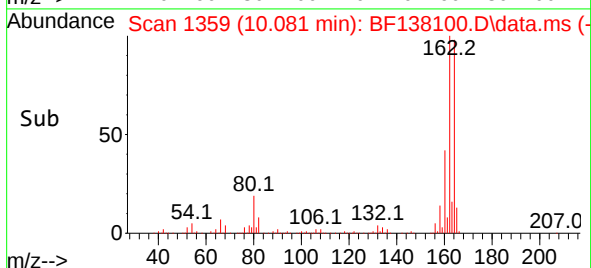
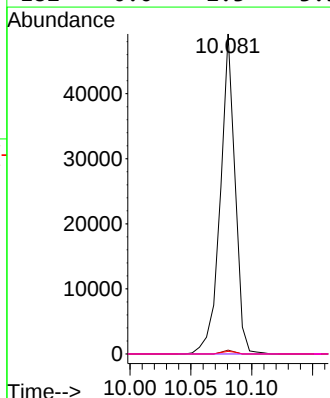
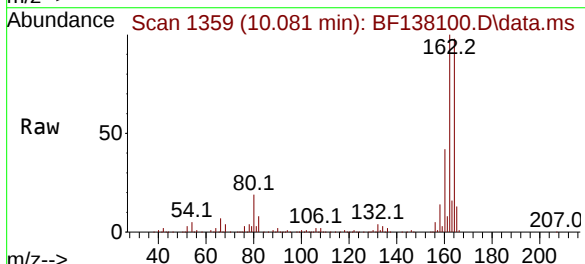
Instrument :
BNA_F
ClientSampleId :
PB161242BL

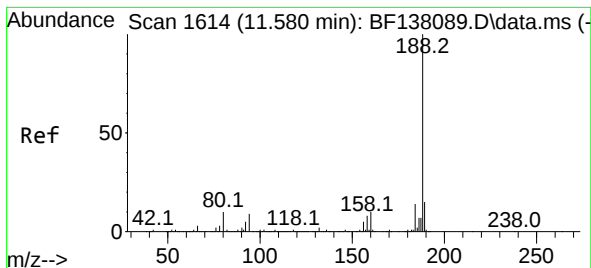
Tgt Ion:165 Resp: 41577
Ion Ratio Lower Upper
165 100
63 1.2 34.6 51.8#
89 0.8 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

Tgt Ion:165 Resp: 41577
Ion Ratio Lower Upper
165 100
63 1.2 27.4 41.0#
89 0.8 47.4 71.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

Instrument :

BNA_F

ClientSampleId :

PB161242BL

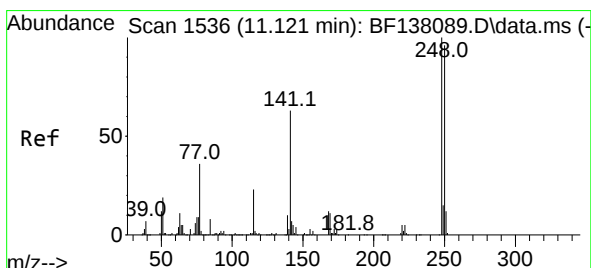
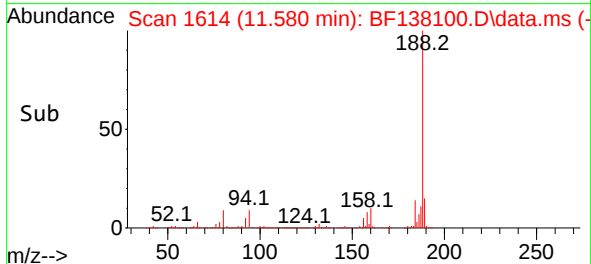
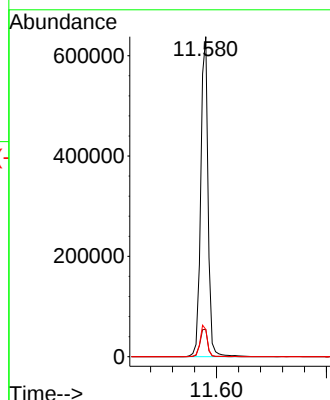
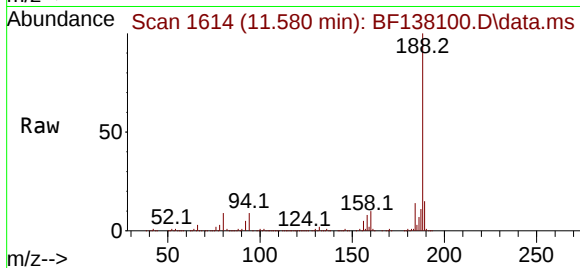
Tgt Ion:188 Resp: 592909

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.0

80 8.5 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 4.336 ng

RT: 10.880 min Scan# 1495

Delta R.T. -0.241 min

Lab File: BF138100.D

Acq: 03 Jun 2024 11:54

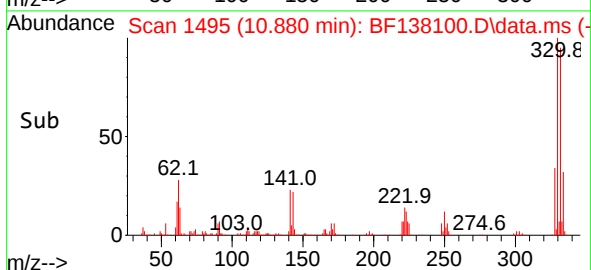
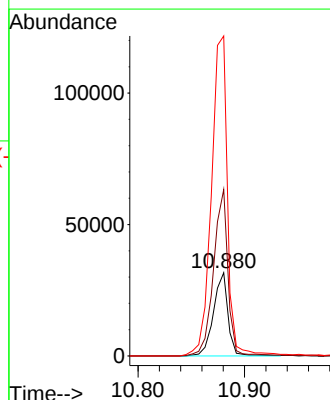
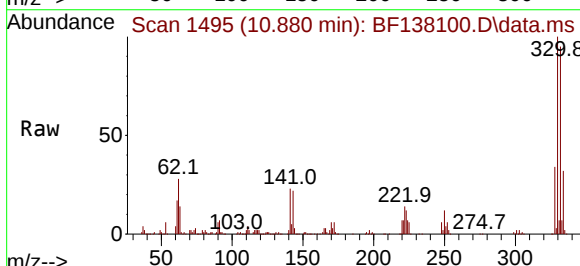
Tgt Ion:248 Resp: 30133

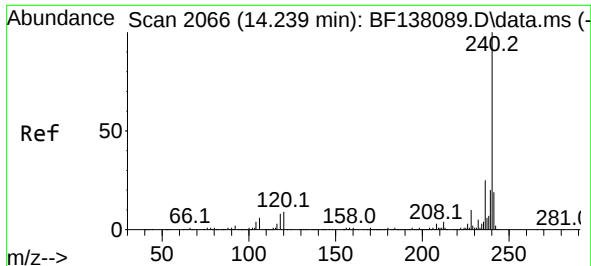
Ion Ratio Lower Upper

248 100

250 200.1 77.2 115.8#

141 384.9 50.6 76.0#

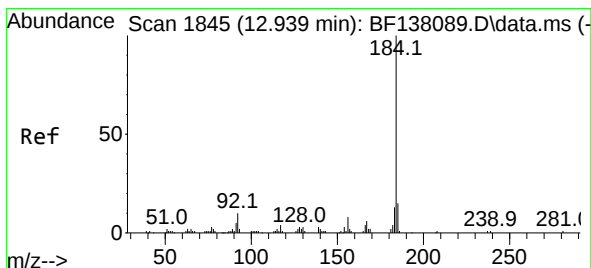
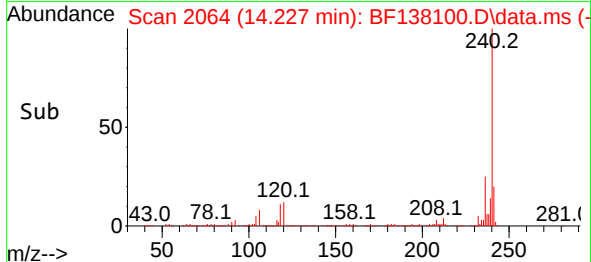
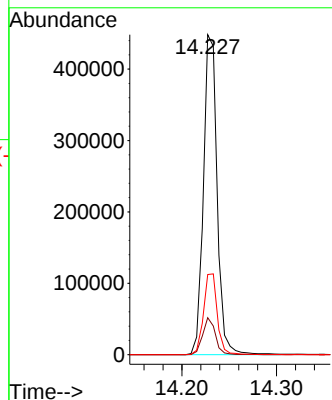
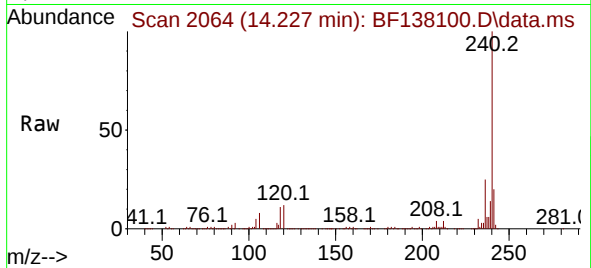




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

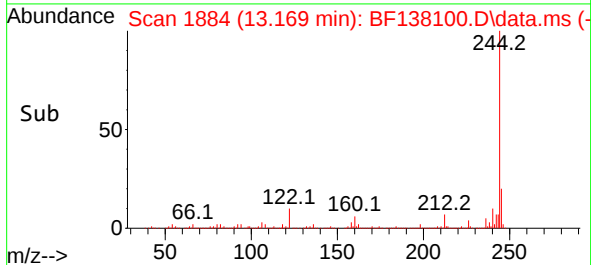
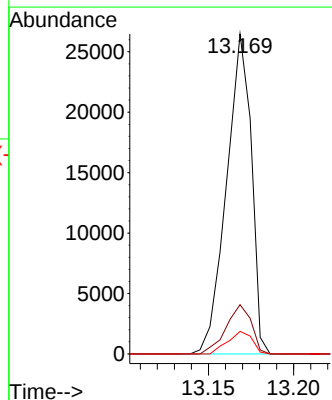
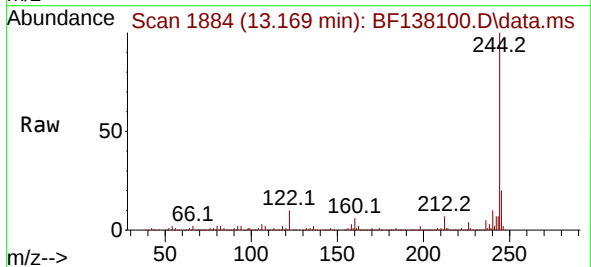
Instrument :
BNA_F
ClientSampleId :
PB161242BL

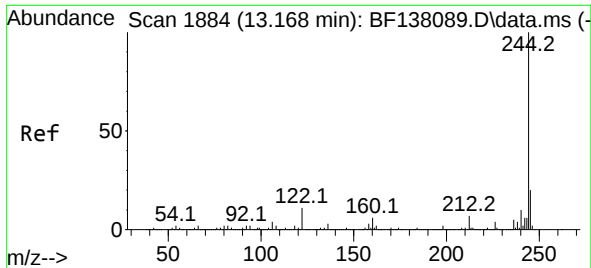
Tgt Ion:240 Resp: 452378
Ion Ratio Lower Upper
240 100
120 11.6 7.1 10.7#
236 25.0 20.4 30.6



#77
Benzidine
Concen: 6.965 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.230 min
Lab File: BF138100.D
Acq: 03 Jun 2024 11:54

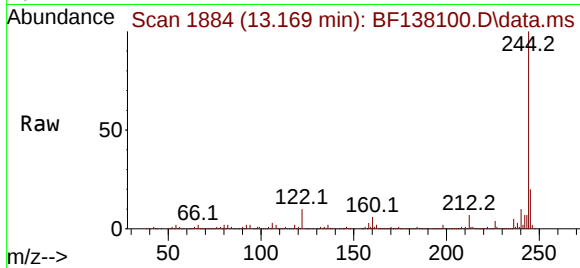
Tgt Ion:184 Resp: 26739
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 7.0 10.2 15.4#



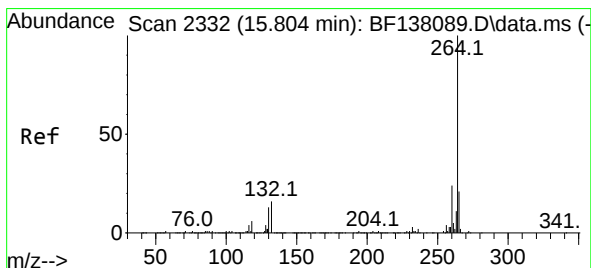
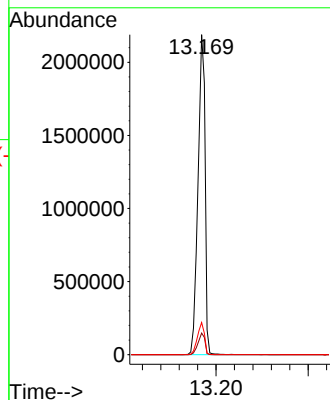
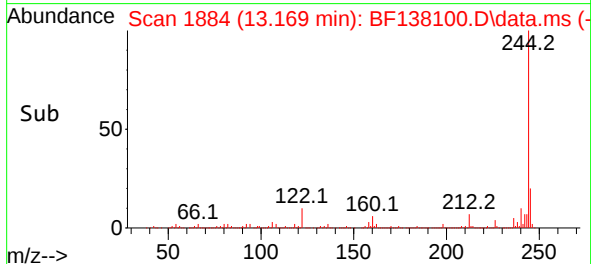


#79
 Terphenyl-d14
 Concen: 74.365 ng
 RT: 13.169 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138100.D
 Acq: 03 Jun 2024 11:54

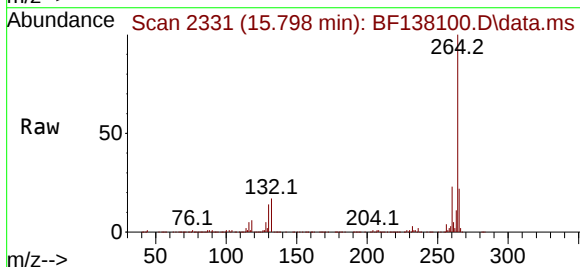
Instrument :
 BNA_F
 ClientSampleId :
 PB161242BL



Tgt Ion:244 Resp: 2325715
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.1 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: BF138100.D
 Acq: 03 Jun 2024 11:54



Tgt Ion:264 Resp: 390680
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 22.2 16.7 25.1

