

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138097.D
 Acq On : 03 Jun 2024 10:27
 Operator : CG\JU
 Sample : PB161222BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161222BL

Quant Time: Jun 03 11:59:00 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)

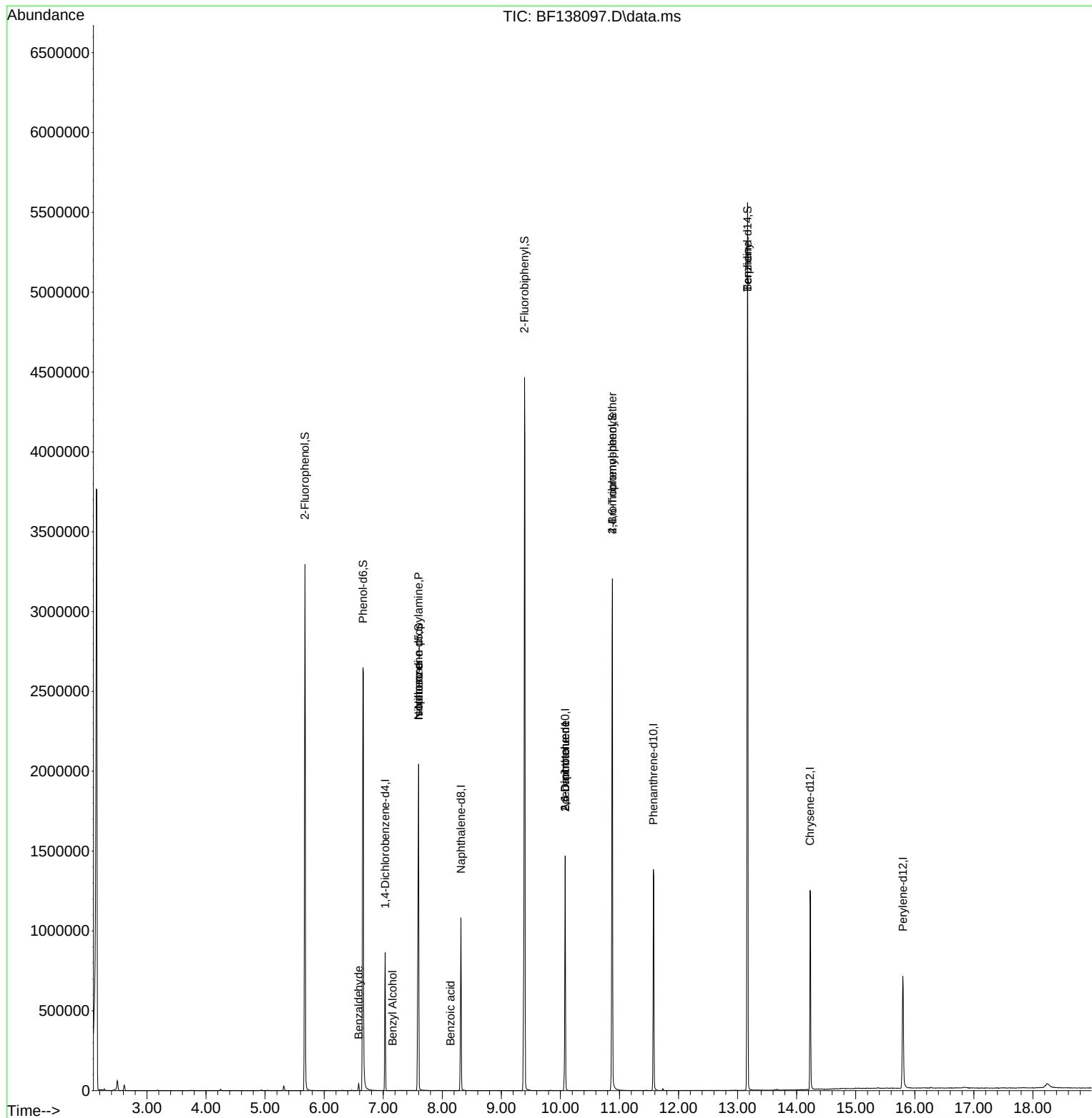
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	129487	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	513973	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	306303	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	577736	20.000	ng	0.00
76) Chrysene-d12	14.227	240	456712	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	390844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1021889	141.077	ng	0.01
7) Phenol-d6	6.657	99	1246935	133.682	ng	0.00
23) Nitrobenzene-d5	7.598	82	765910	86.833	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	473122	132.421	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1725840	83.520	ng	0.00
79) Terphenyl-d14	13.169	244	2272086	71.961	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.587	77	9801	2.364	ng	96
15) Benzyl Alcohol	7.157	79	108	5.122	ng	# 13
19) n-Nitroso-di-n-propyla...	7.598	70	101956	18.850	ng	# 74
25) Isophorone	7.598	82	762656	50.116	ng	# 62
32) Benzoic acid	8.139	122	62	7.798	ng	90
51) 2,6-Dinitrotoluene	10.081	165	40311	8.651	ng	# 33
57) 2,4-Dinitrotoluene	10.081	165	40311	6.560	ng	# 31
67) 4-Bromophenyl-phenylether	10.880	248	29735	4.391	ng	# 1
77) Benzidine	13.169	184	26900	6.951	ng	# 90

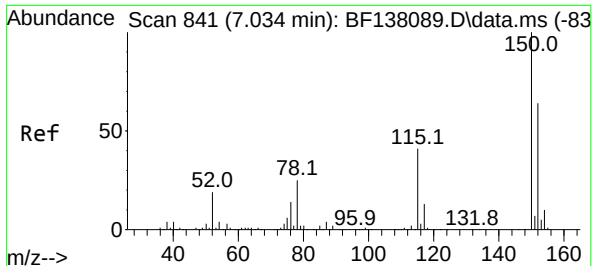
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
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Misc :
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Instrument :
BNA_F
ClientSampleId :
PB161222BL

Quant Time: Jun 03 11:59:00 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

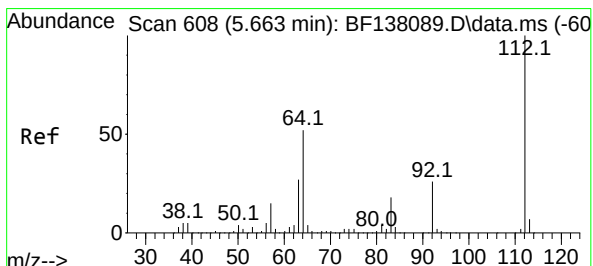
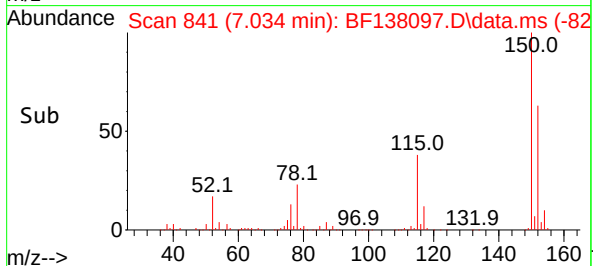
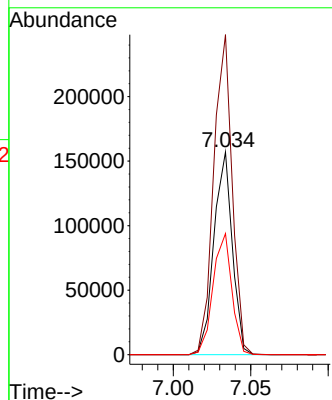
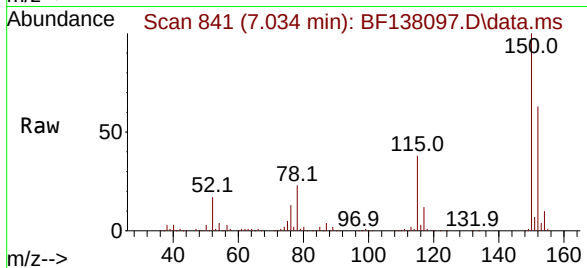




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

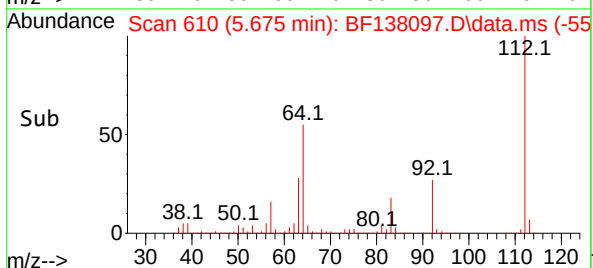
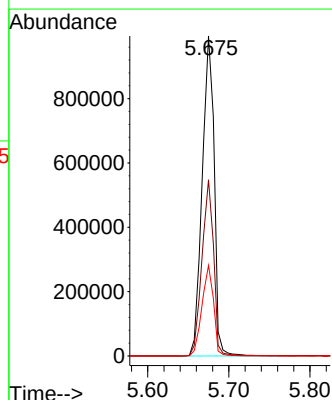
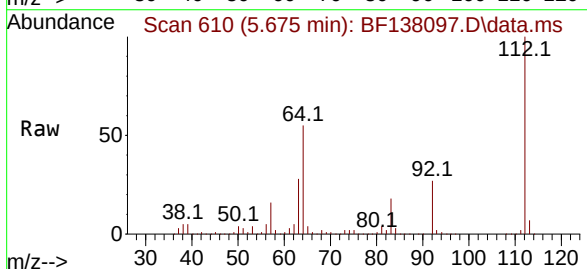
Instrument :
BNA_F
ClientSampleId :
PB161222BL

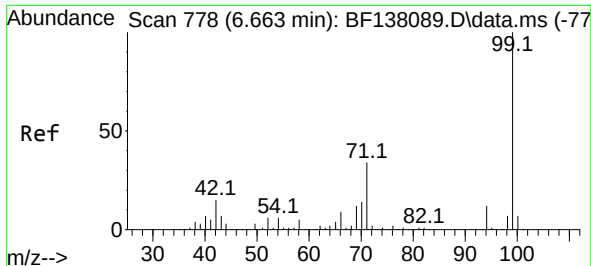
Tgt Ion:152 Resp: 129487
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.0
115 59.8 51.6 77.4



#5
2-Fluorophenol
Concen: 141.077 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:112 Resp: 1021889
Ion Ratio Lower Upper
112 100
64 55.0 41.4 62.2
63 28.3 21.5 32.3

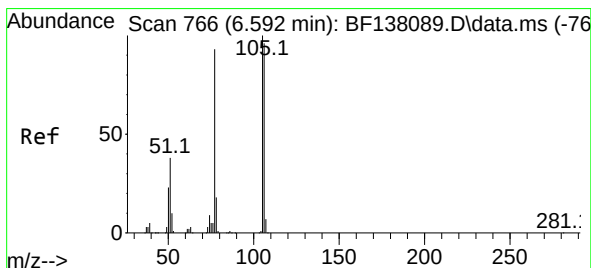
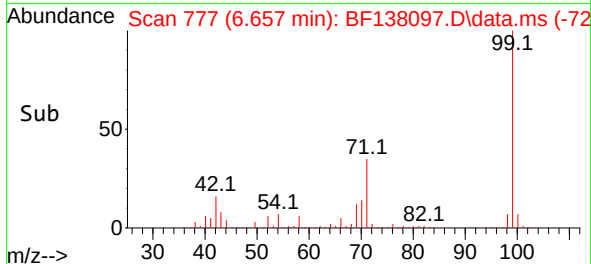
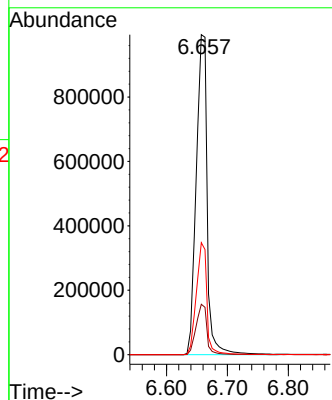
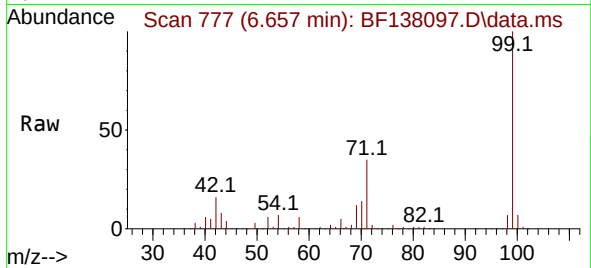




#7
Phenol-d6
Concen: 133.682 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

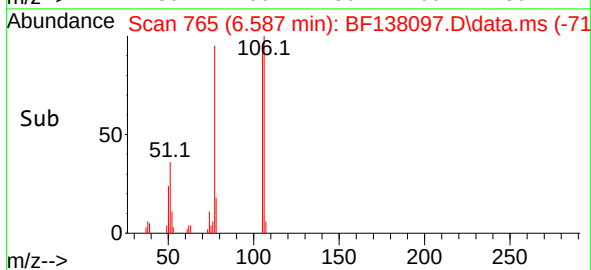
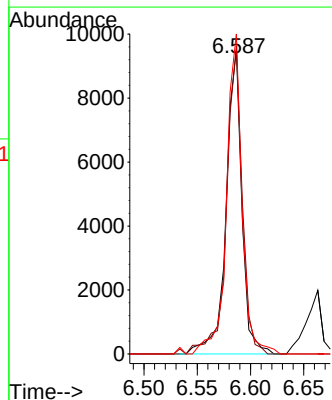
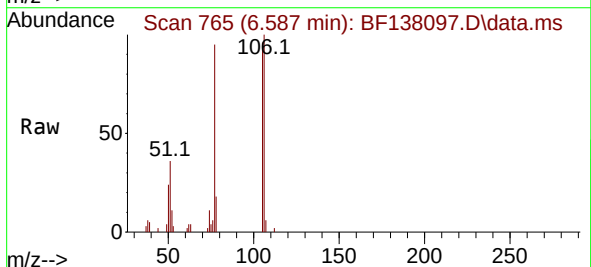
Instrument :
BNA_F
ClientSampleId :
PB161222BL

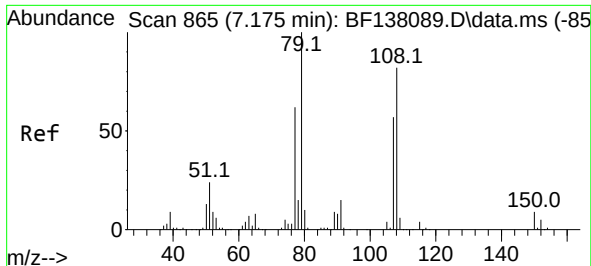
Tgt Ion: 99 Resp: 1246935
Ion Ratio Lower Upper
99 100
42 15.7 11.9 17.9
71 35.0 26.8 40.2



#9
Benzaldehyde
Concen: 2.364 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion: 77 Resp: 9801
Ion Ratio Lower Upper
77 100
105 101.3 88.0 128.0
106 105.3 83.7 123.7

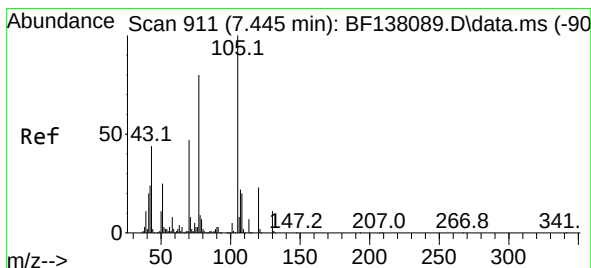
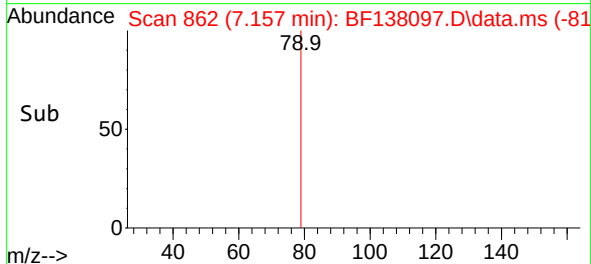
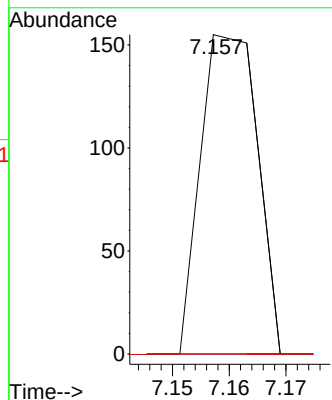
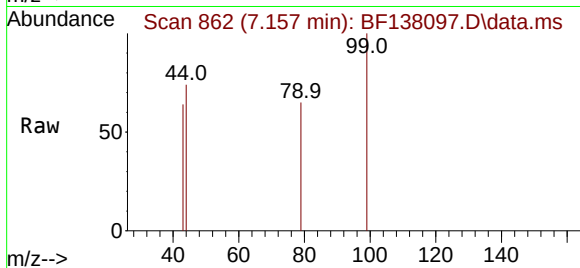




#15
Benzyl Alcohol
Concen: 5.122 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

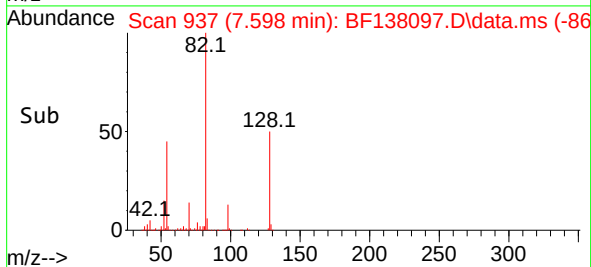
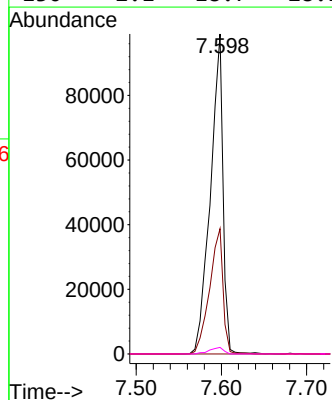
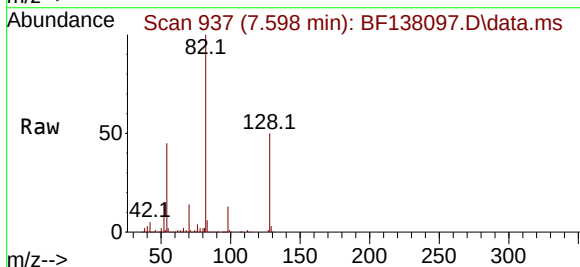
Instrument :
BNA_F
ClientSampleId :
PB161222BL

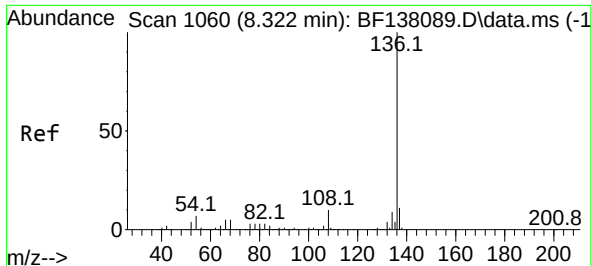
Tgt Ion: 79 Resp: 108
Ion Ratio Lower Upper
79 100
108 0.0 65.5 98.3#
77 0.0 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 18.850 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.153 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion: 70 Resp: 101956
Ion Ratio Lower Upper
70 100
42 39.2 41.4 62.0#
101 0.0 8.1 12.1#
130 2.1 18.7 28.1#

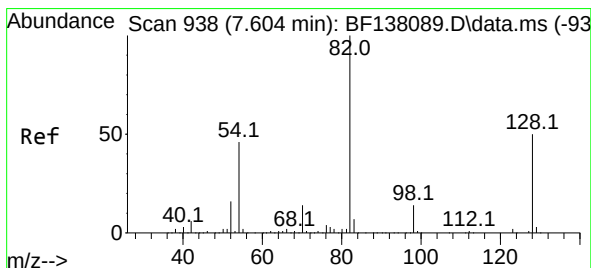
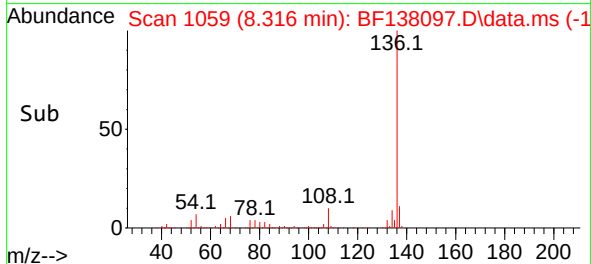
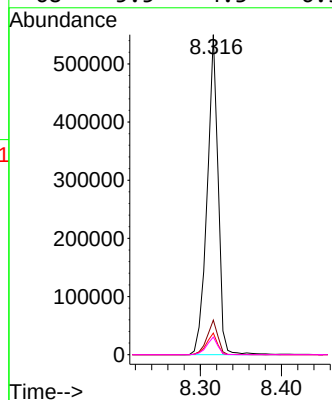
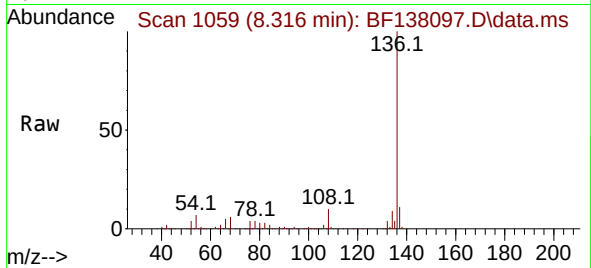




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

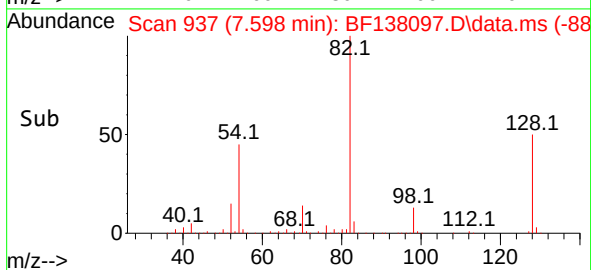
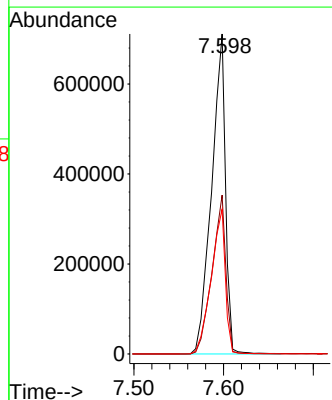
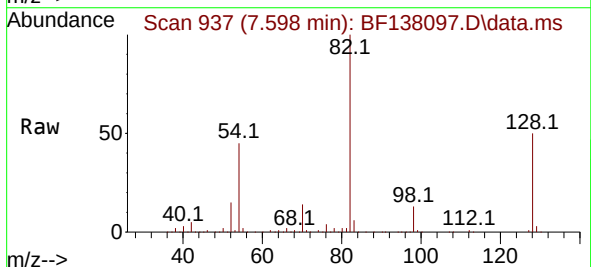
Instrument :
BNA_F
ClientSampleId :
PB161222BL

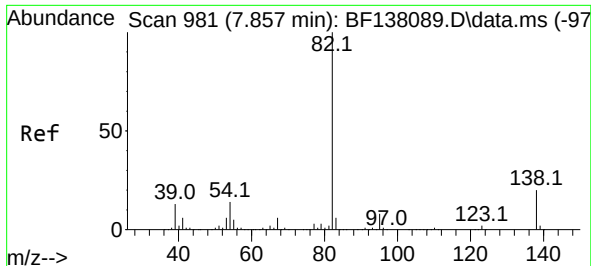
Tgt Ion:136 Resp: 513973
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.7 5.4 8.0
68 5.5 4.3 6.5



#23
Nitrobenzene-d5
Concen: 86.833 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion: 82 Resp: 765910
Ion Ratio Lower Upper
82 100
128 49.7 39.9 59.9
54 45.3 37.0 55.4

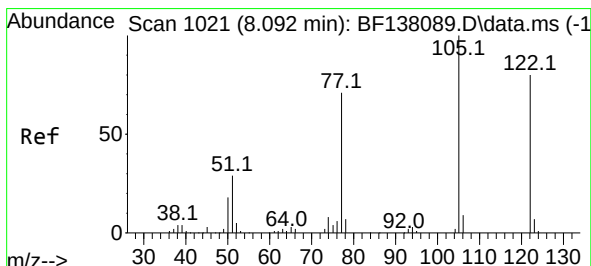
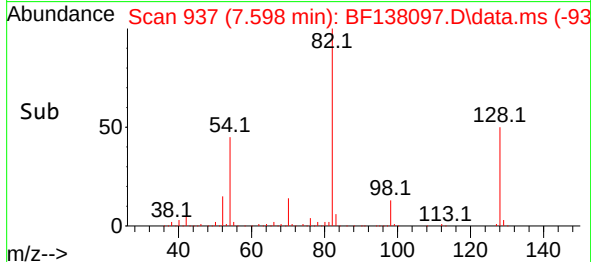
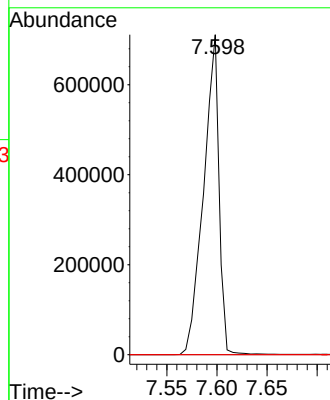
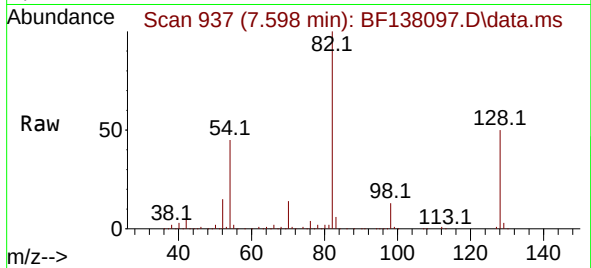




#25
Isophorone
Concen: 50.116 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

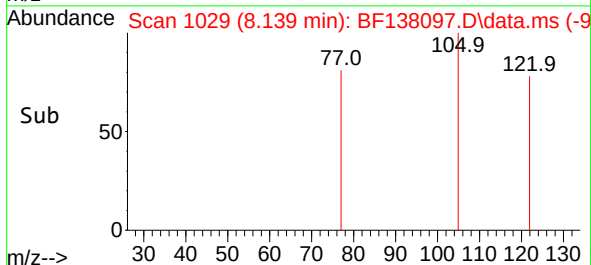
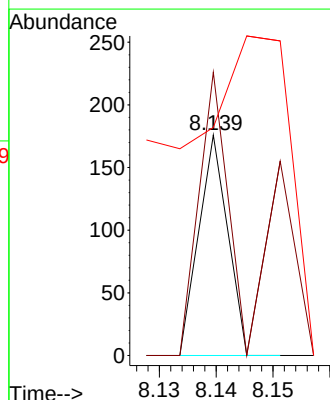
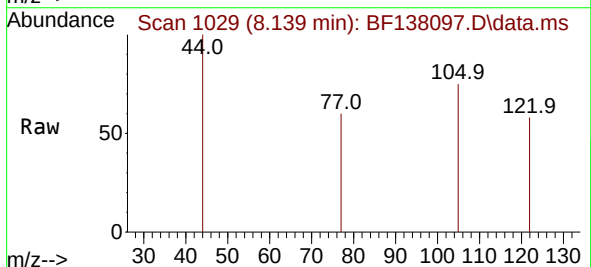
Instrument :
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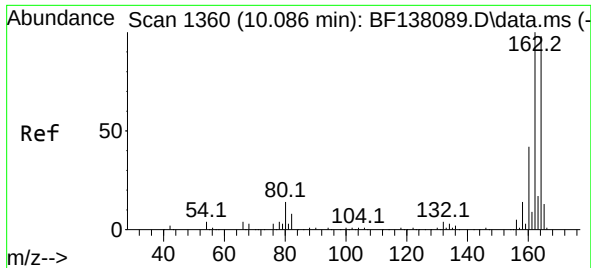
Tgt Ion: 82 Resp: 762656
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#



#32
Benzoic acid
Concen: 7.798 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.047 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 128.4 102.3 142.3
77 103.4 67.6 107.6

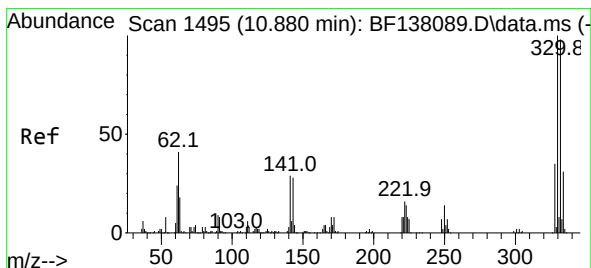
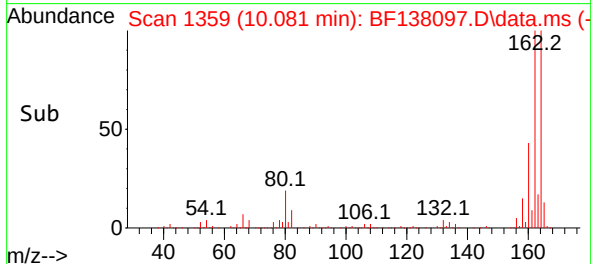
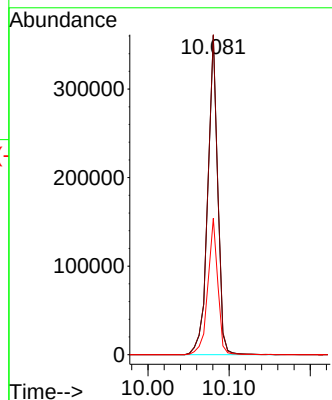
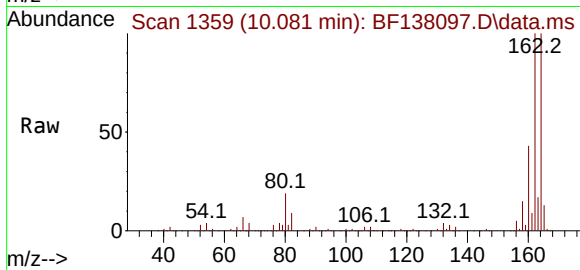




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

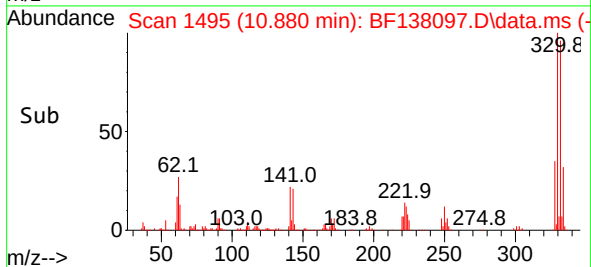
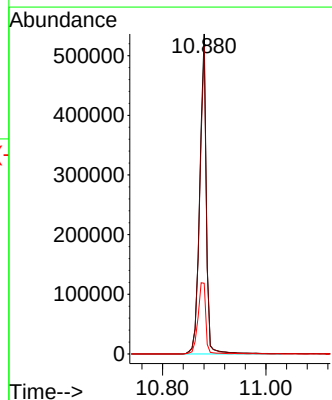
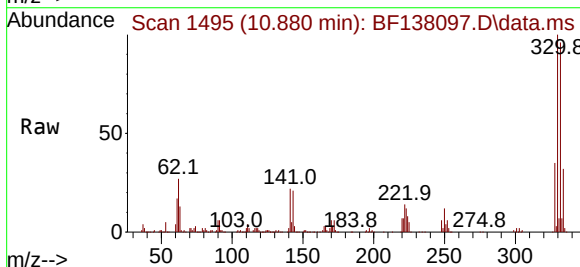
Instrument :
BNA_F
ClientSampleId :
PB161222BL

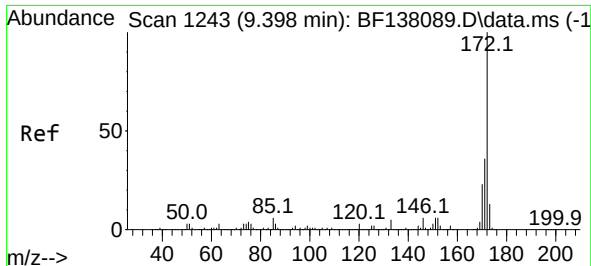
Tgt Ion:164 Resp: 306303
Ion Ratio Lower Upper
164 100
162 100.2 81.7 122.5
160 42.7 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 132.421 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:330 Resp: 473122
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 26.6 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 83.520 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138097.D

Acq: 03 Jun 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB161222BL

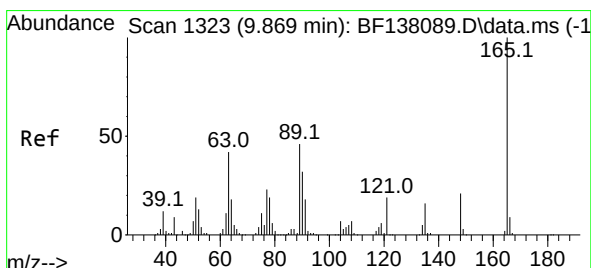
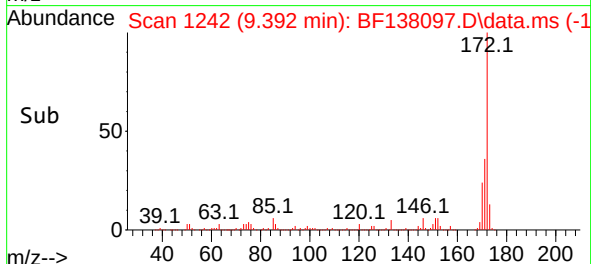
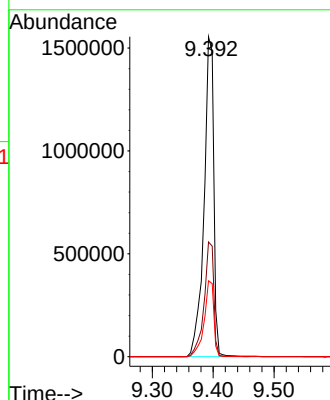
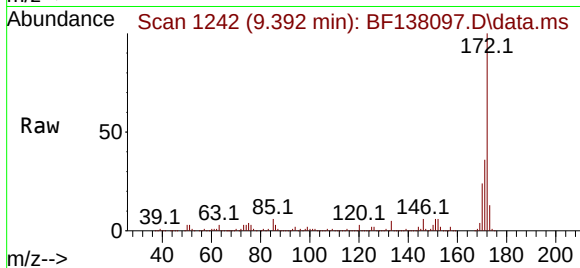
Tgt Ion:172 Resp: 1725840

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.7 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 8.651 ng

RT: 10.081 min Scan# 1359

Delta R.T. 0.212 min

Lab File: BF138097.D

Acq: 03 Jun 2024 10:27

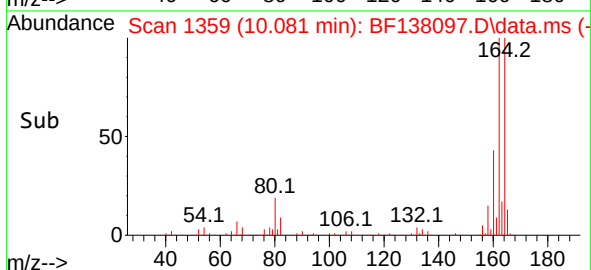
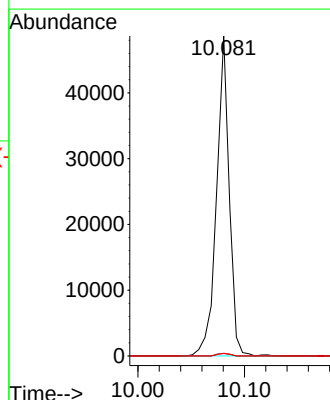
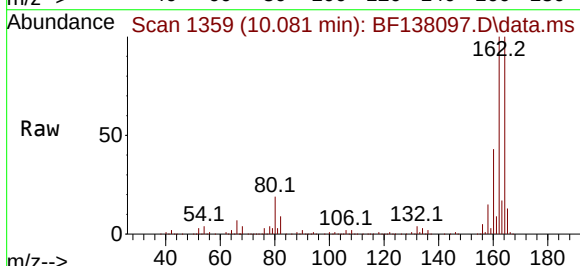
Tgt Ion:165 Resp: 40311

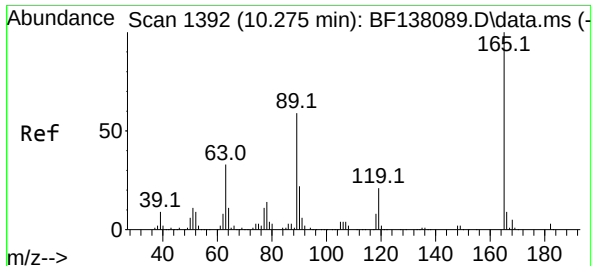
Ion Ratio Lower Upper

165 100

63 0.7 34.6 51.8#

89 0.8 36.6 55.0#

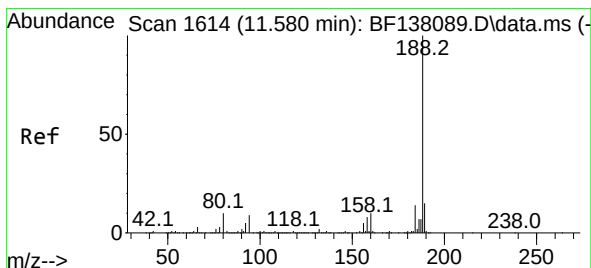
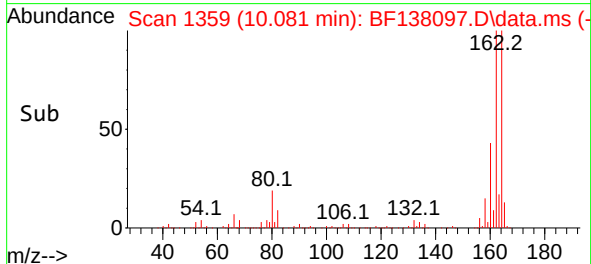
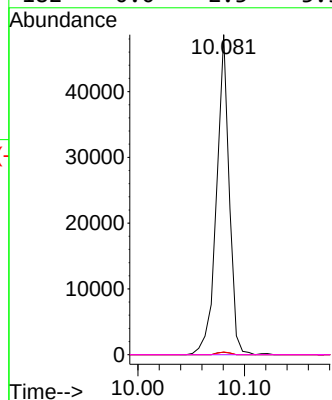
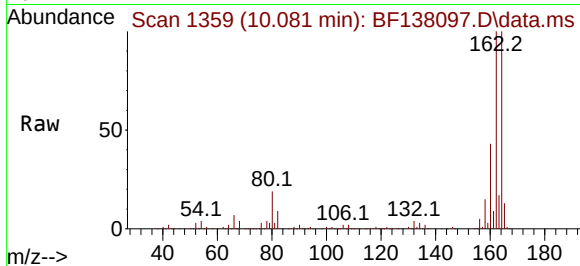




#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

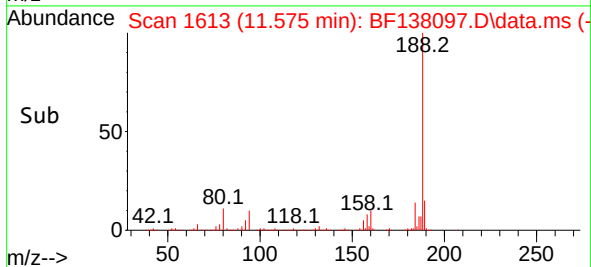
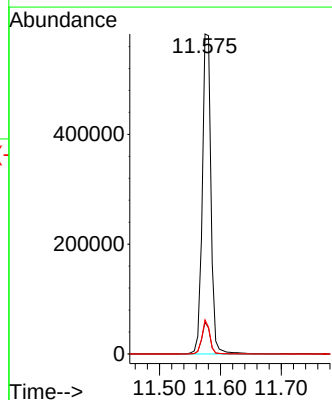
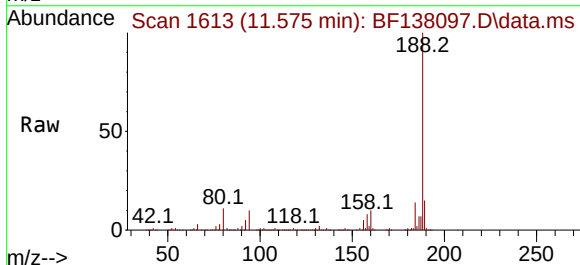
Instrument :
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ClientSampleId :
PB161222BL

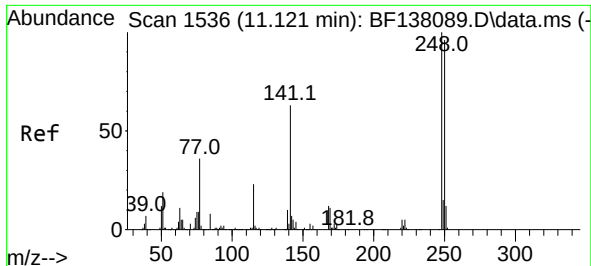
Tgt Ion:165 Resp: 40311
Ion Ratio Lower Upper
165 100
63 0.7 27.4 41.0#
89 0.8 47.4 71.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:188 Resp: 577736
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 10.7 7.8 11.8

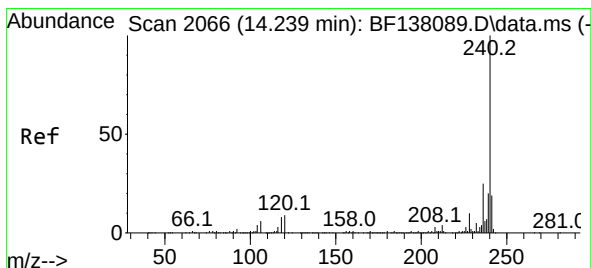
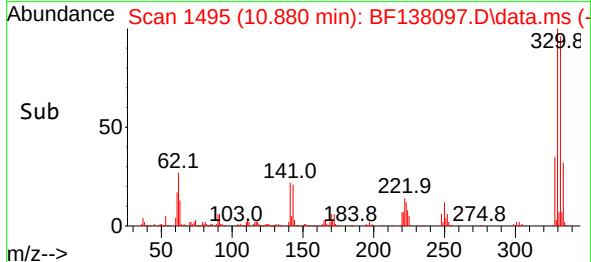
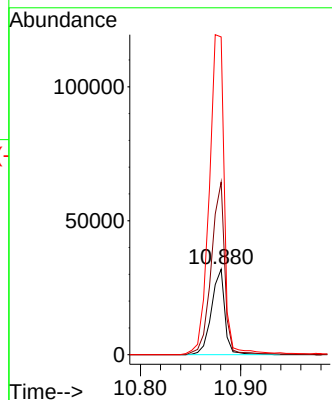
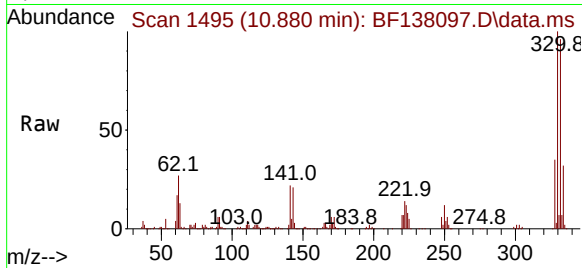




#67
4-Bromophenyl-phenylether
Concen: 4.391 ng
RT: 10.880 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

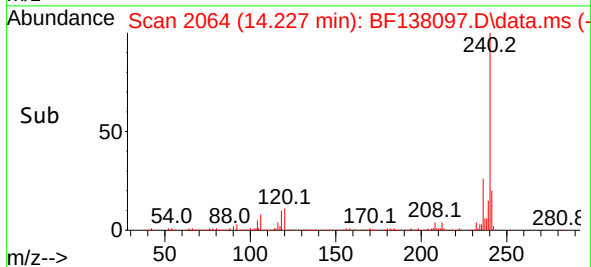
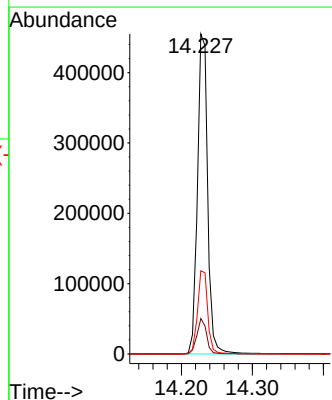
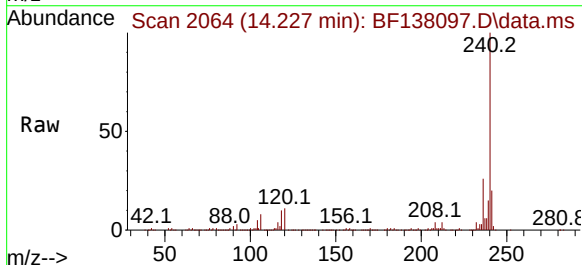
Instrument :
BNA_F
ClientSampleId :
PB161222BL

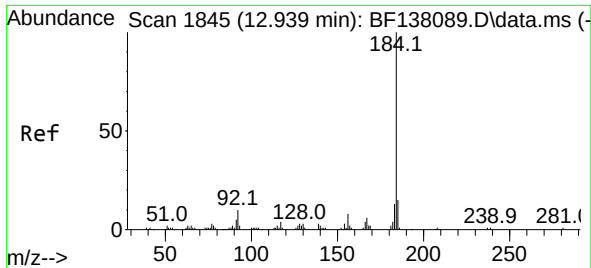
Tgt Ion:248 Resp: 29735
Ion Ratio Lower Upper
248 100
250 202.2 77.2 115.8#
141 372.1 50.6 76.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:240 Resp: 456712
Ion Ratio Lower Upper
240 100
120 11.1 7.1 10.7#
236 26.0 20.4 30.6

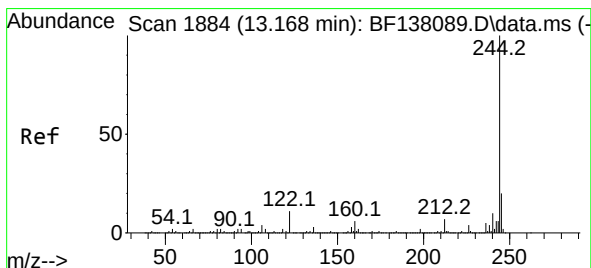
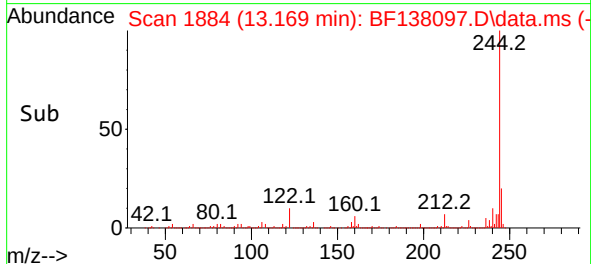
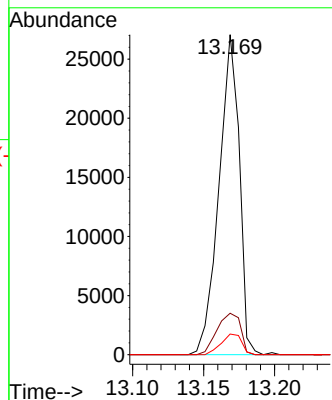
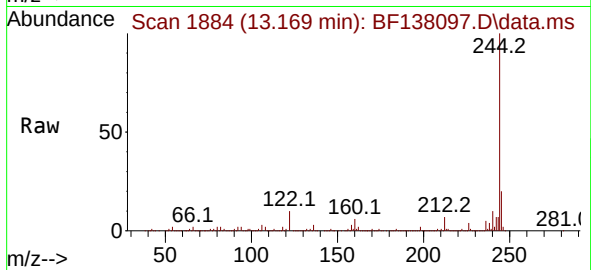




#77
Benzidine
Concen: 6.951 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.230 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

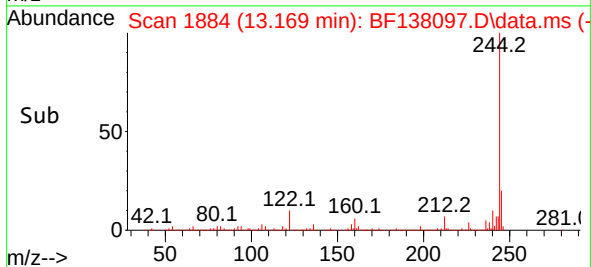
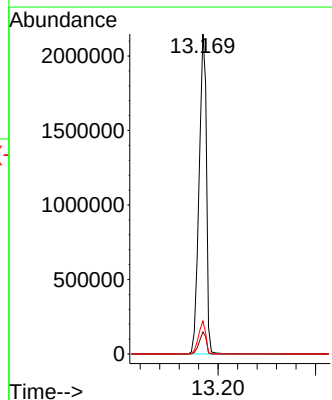
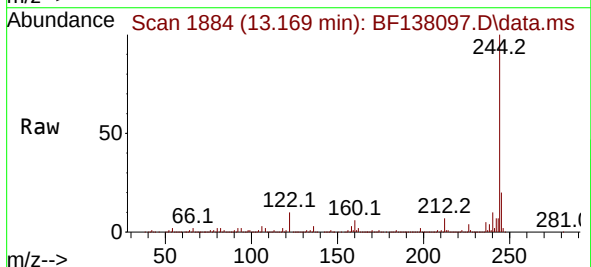
Instrument :
BNA_F
ClientSampleId :
PB161222BL

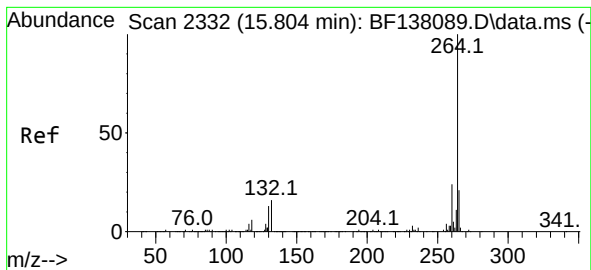
Tgt Ion:184 Resp: 26900
Ion Ratio Lower Upper
184 100
185 12.9 12.2 18.2
183 6.5 10.2 15.4#



#79
Terphenyl-d14
Concen: 71.961 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BF138097.D
Acq: 03 Jun 2024 10:27

Tgt Ion:244 Resp: 2272086
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.3 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138097.D

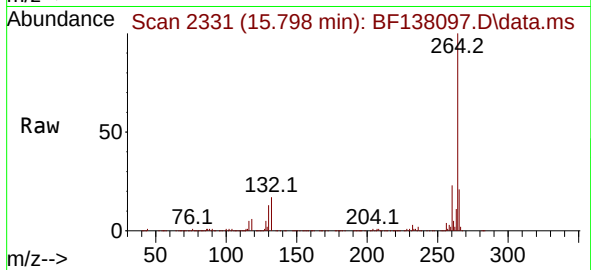
Acq: 03 Jun 2024 10:27

Instrument :

BNA_F

ClientSampleId :

PB161222BL



Tgt Ion:264 Resp: 390844

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.3 16.7 25.1

