

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138101.D
 Acq On : 03 Jun 2024 12:23
 Operator : CG\JU
 Sample : PB161189TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161189TB

Quant Time: Jun 03 13:43:10 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)

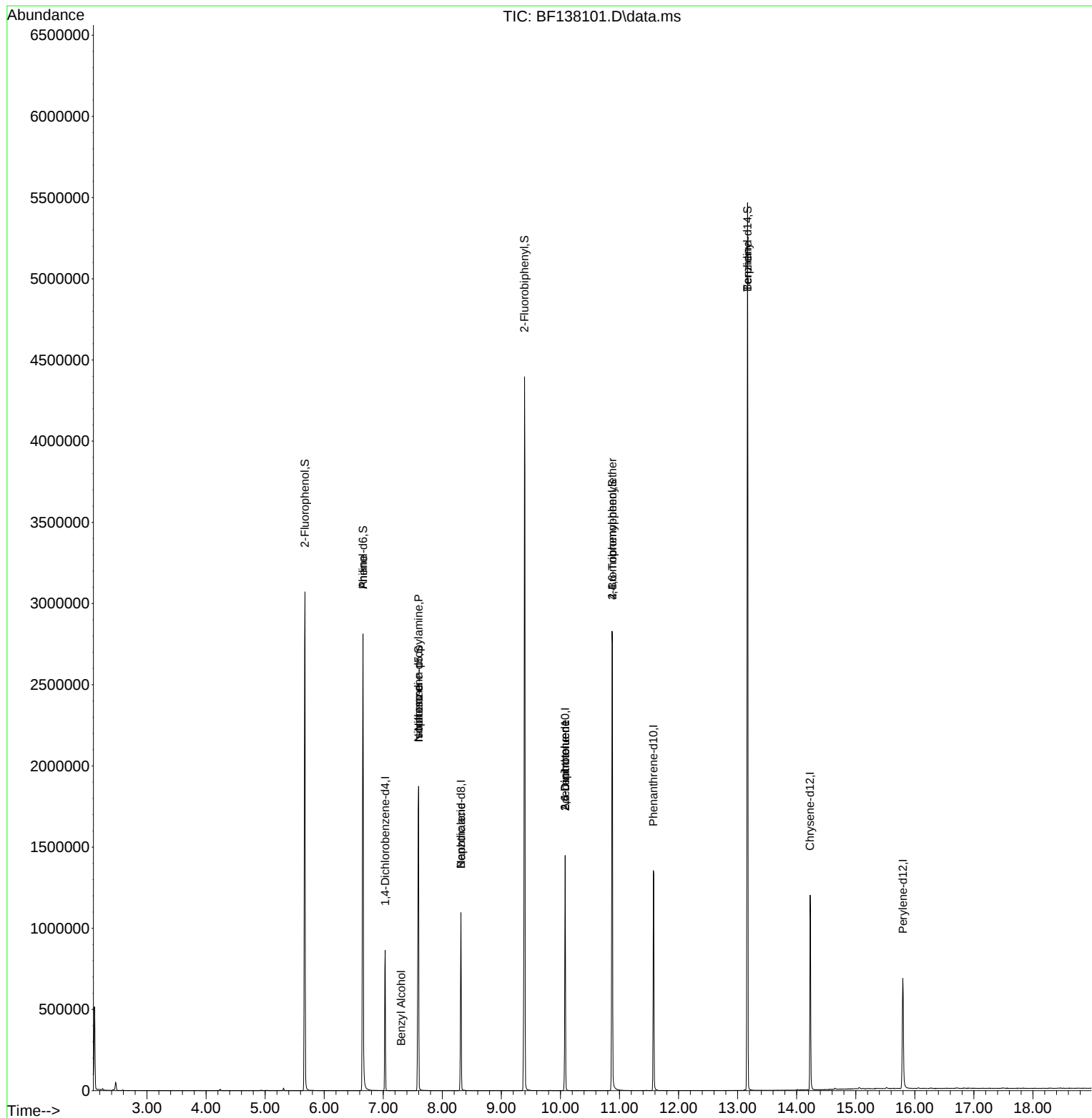
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	131806	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	520287	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	307344	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	576469	20.000	ng	0.00
76) Chrysene-d12	14.227	240	440949	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	376218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	958919	130.054	ng	0.01
7) Phenol-d6	6.657	99	1178289	124.100	ng	0.00
23) Nitrobenzene-d5	7.598	82	730086	81.767	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	445504	124.269	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1632901	78.754	ng	0.00
79) Terphenyl-d14	13.168	244	2132248	69.946	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.657	93	66	3.944	ng	# 1
15) Benzyl Alcohol	7.304	79	127	5.126	ng	# 13
19) n-Nitroso-di-n-propyla...	7.598	70	94306	17.129	ng	# 76
25) Isophorone	7.598	82	727414	47.220	ng	# 62
32) Benzoic acid	8.316	122	59	7.797	ng	# 1
51) 2,6-Dinitrotoluene	10.080	165	38792	8.297	ng	# 32
57) 2,4-Dinitrotoluene	10.080	165	38792	6.292	ng	# 31
67) 4-Bromophenyl-phenylether	10.880	248	28875	4.273	ng	# 1
77) Benzidine	13.168	184	25994	6.955	ng	# 90

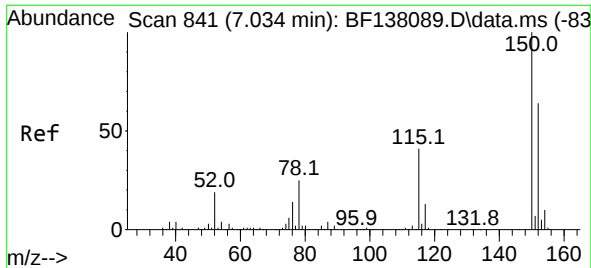
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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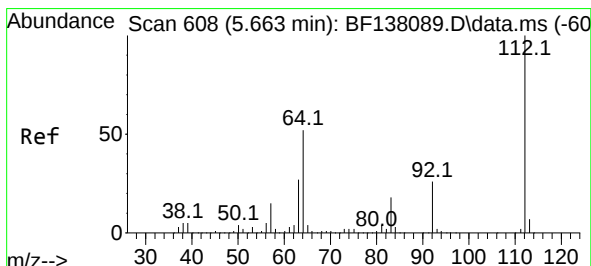
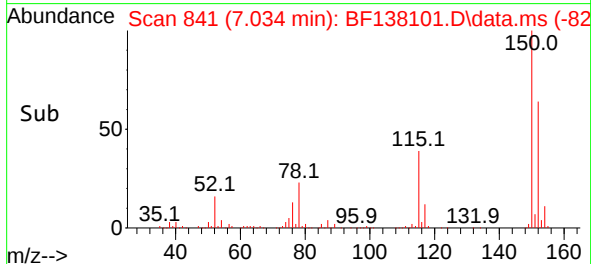
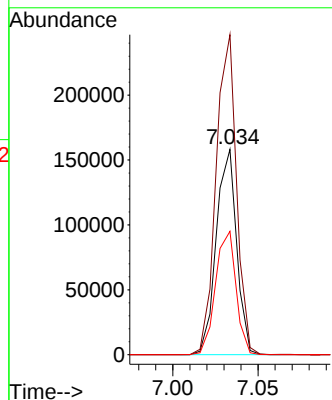
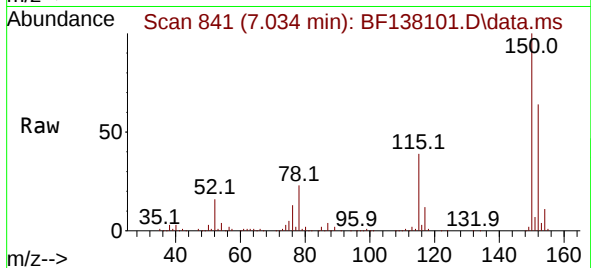




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

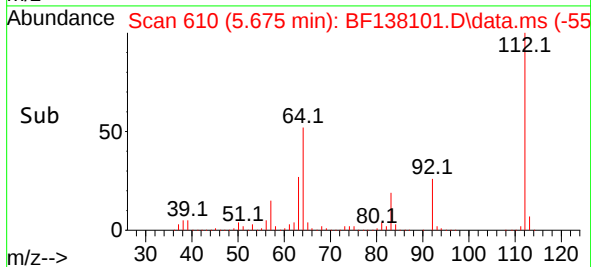
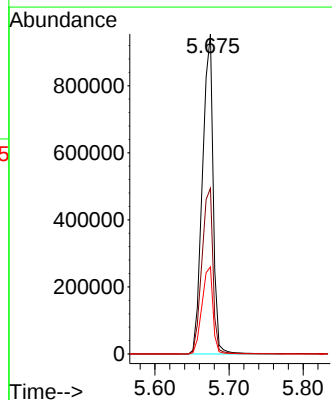
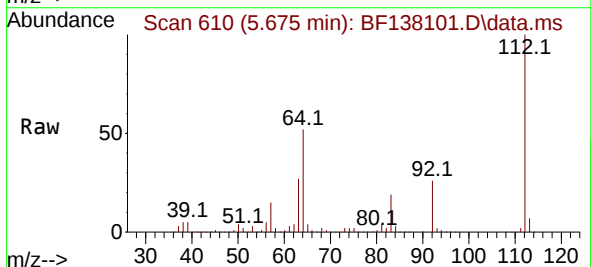
Instrument :
BNA_F
ClientSampleId :
PB161189TB

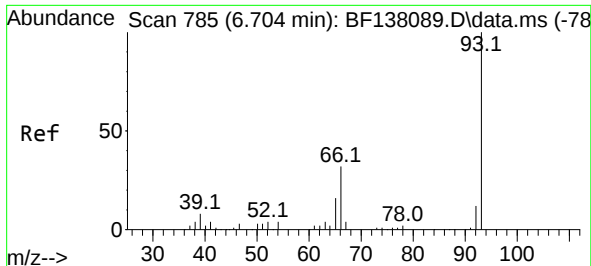
Tgt Ion:152 Resp: 131806
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.0
115 60.1 51.6 77.4



#5
2-Fluorophenol
Concen: 130.054 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion:112 Resp: 958919
Ion Ratio Lower Upper
112 100
64 51.8 41.4 62.2
63 27.2 21.5 32.3





#6

Aniline

Concen: 3.944 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.047 min

Lab File: BF138101.D

Acq: 03 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161189TB

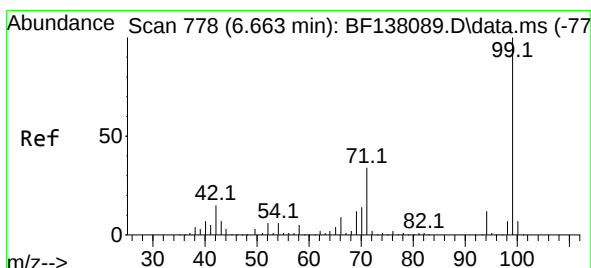
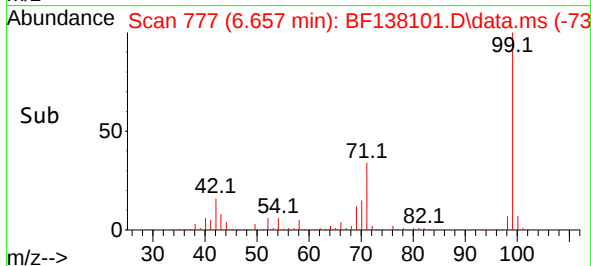
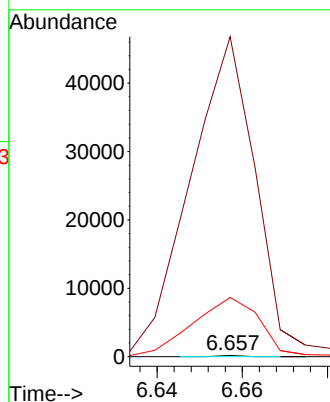
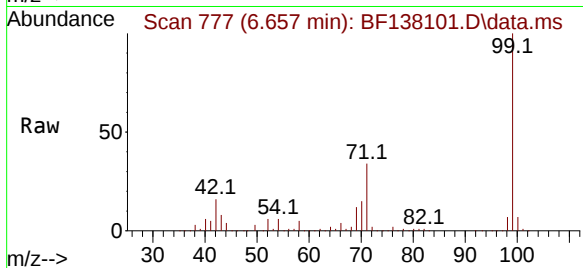
Tgt Ion: 93 Resp: 66

Ion Ratio Lower Upper

93 100

66 24885.1 30.4 45.6#

65 4598.9 16.2 24.4#



#7

Phenol-d6

Concen: 124.100 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF138101.D

Acq: 03 Jun 2024 12:23

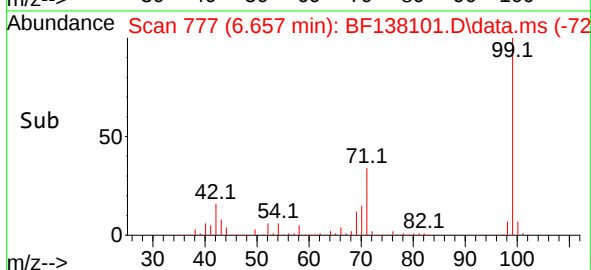
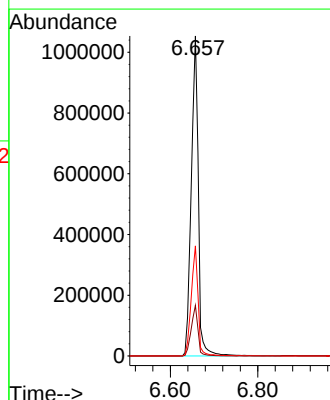
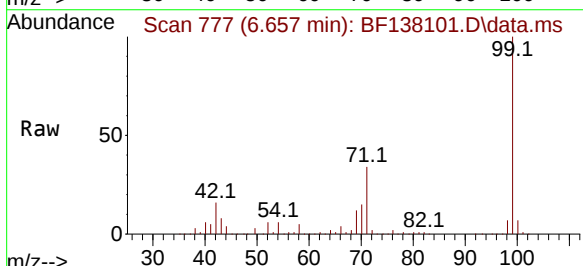
Tgt Ion: 99 Resp: 1178289

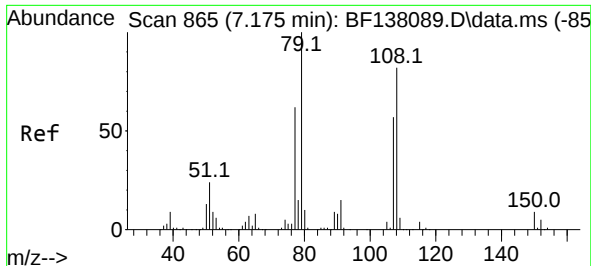
Ion Ratio Lower Upper

99 100

42 15.8 11.9 17.9

71 34.4 26.8 40.2

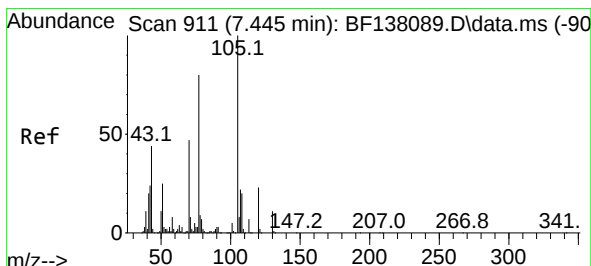
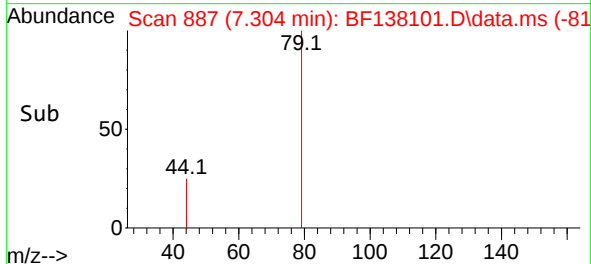
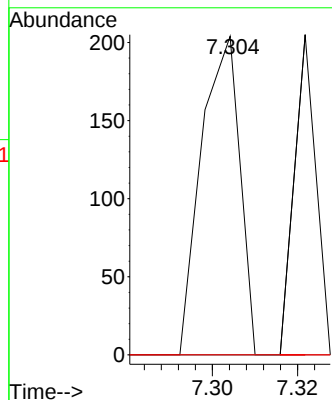
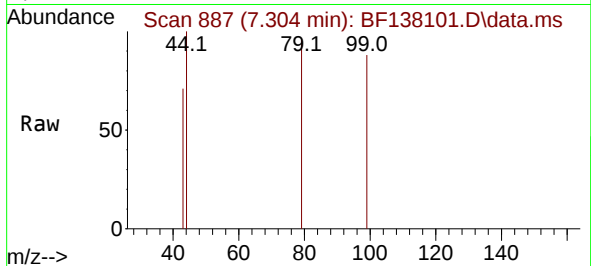




#15
Benzyl Alcohol
Concen: 5.126 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.129 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

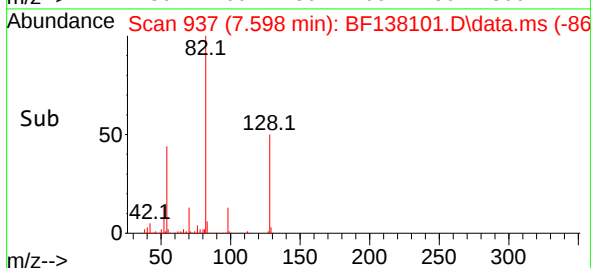
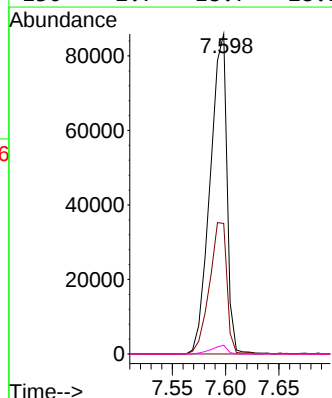
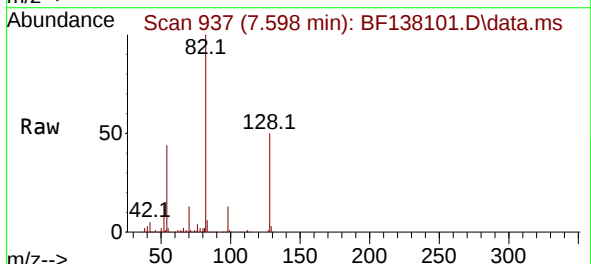
Instrument :
BNA_F
ClientSampleId :
PB161189TB

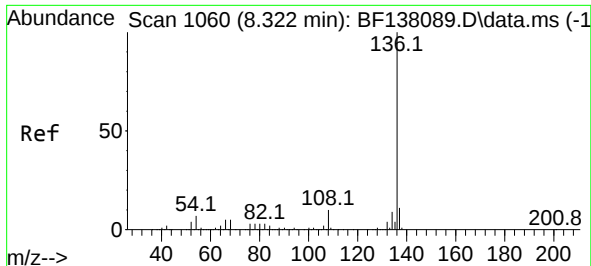
Tgt Ion: 79 Resp: 127
Ion Ratio Lower Upper
79 100
108 0.0 65.5 98.3#
77 0.0 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.129 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.153 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion: 70 Resp: 94306
Ion Ratio Lower Upper
70 100
42 40.8 41.4 62.0#
101 0.0 8.1 12.1#
130 2.7 18.7 28.1#

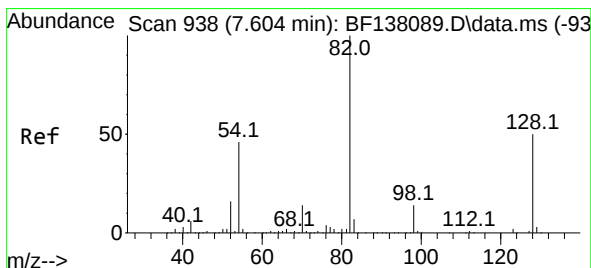
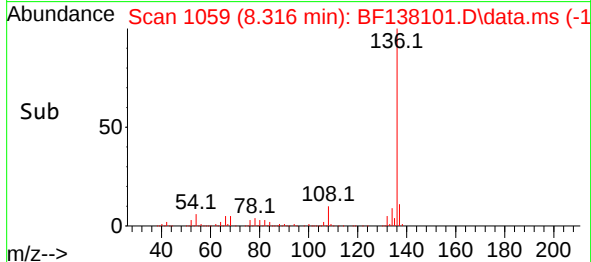
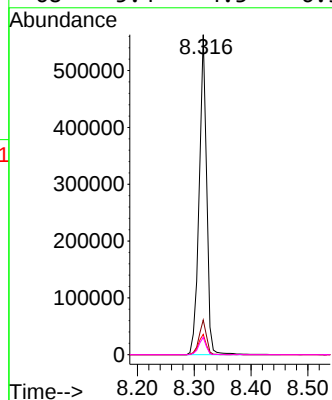
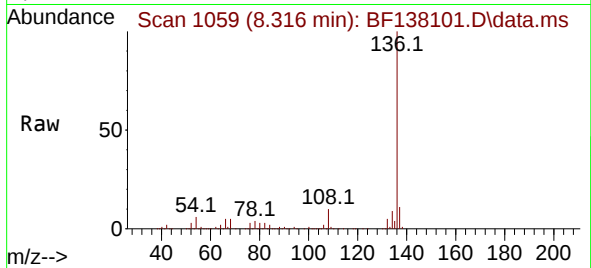




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

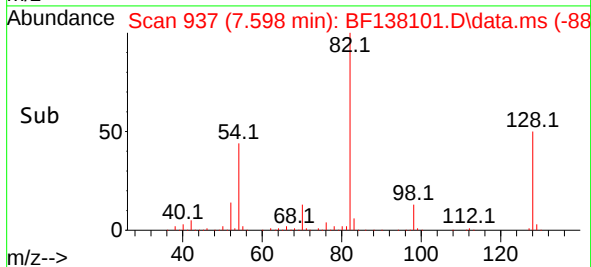
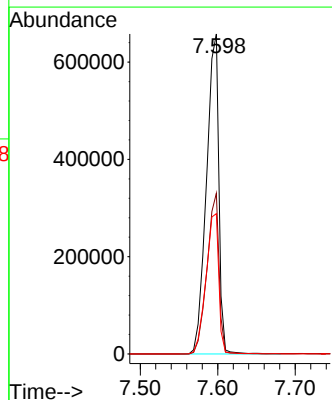
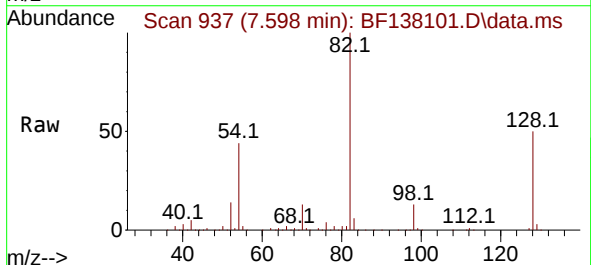
Instrument :
BNA_F
ClientSampleId :
PB161189TB

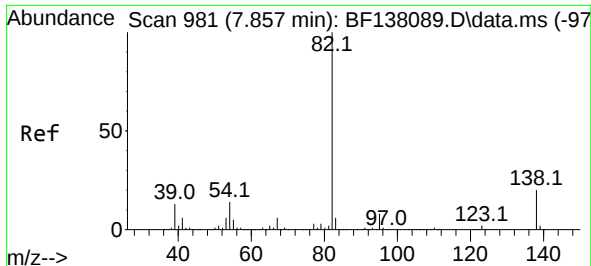
Tgt Ion:136 Resp: 520287
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.3 5.4 8.0
68 5.4 4.3 6.5



#23
Nitrobenzene-d5
Concen: 81.767 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion: 82 Resp: 730086
Ion Ratio Lower Upper
82 100
128 50.2 39.9 59.9
54 43.9 37.0 55.4

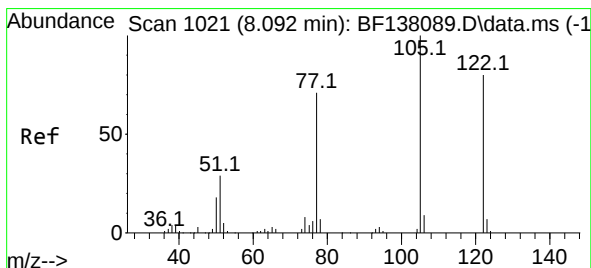
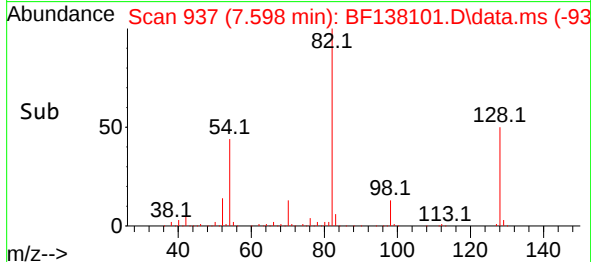
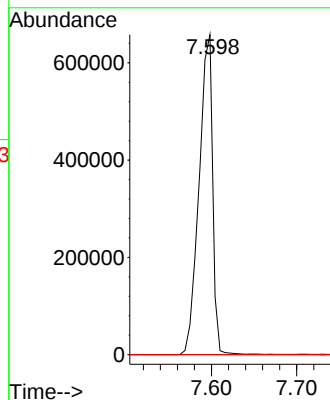
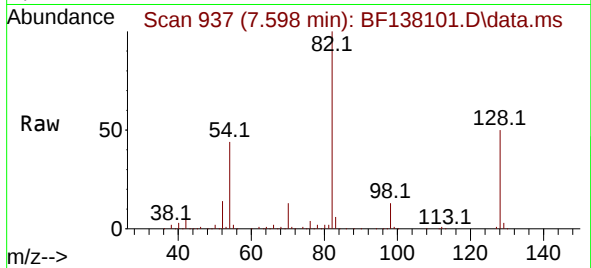




#25
Isophorone
Concen: 47.220 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

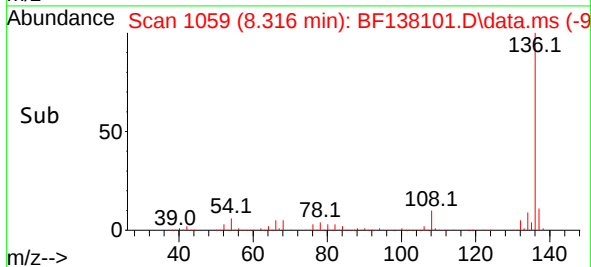
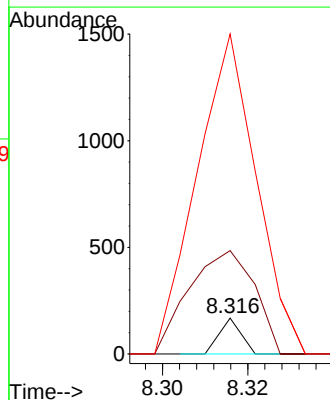
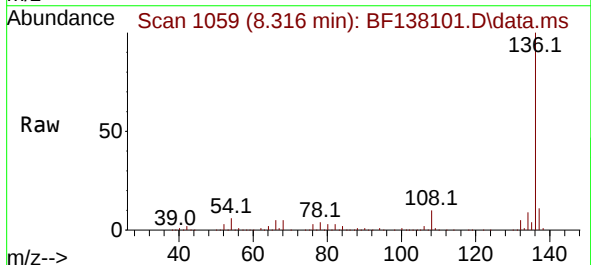
Instrument :
BNA_F
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PB161189TB

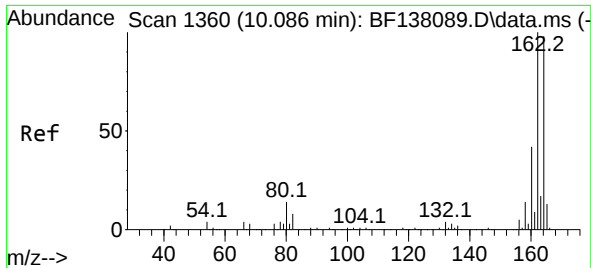
Tgt Ion: 82 Resp: 727414
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#



#32
Benzoic acid
Concen: 7.797 ng
RT: 8.316 min Scan# 1059
Delta R.T. 0.224 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 288.7 102.3 142.3#
77 893.5 67.6 107.6#

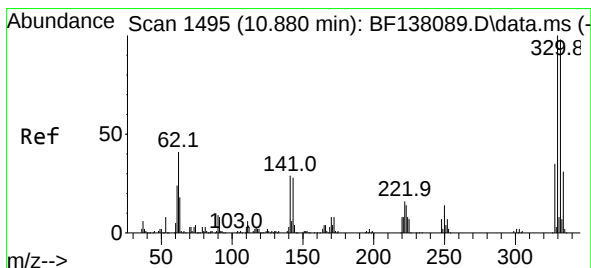
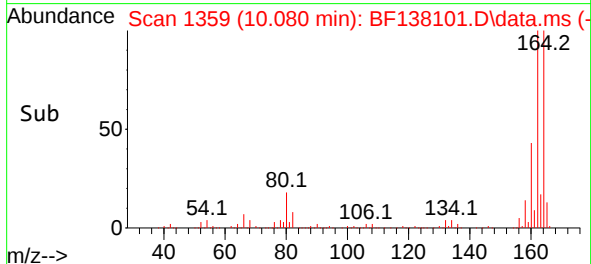
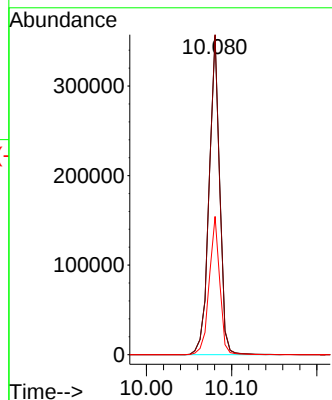
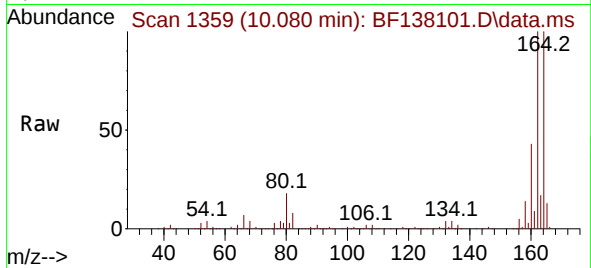




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

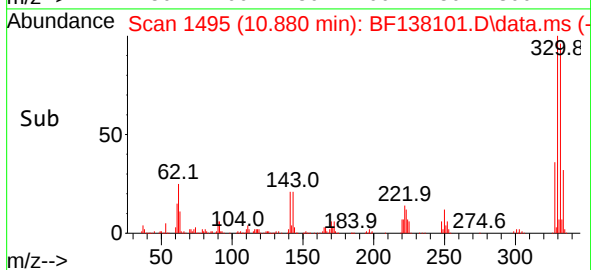
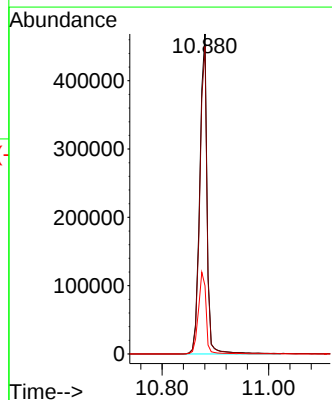
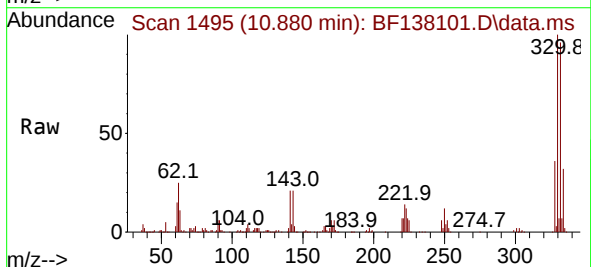
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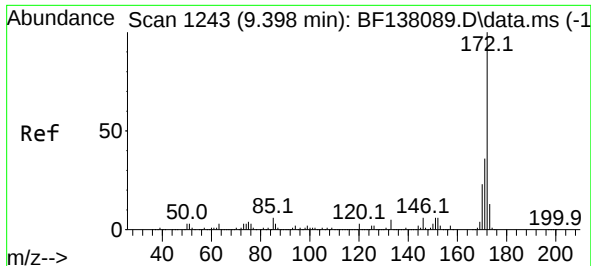
Tgt Ion:164 Resp: 307344
Ion Ratio Lower Upper
164 100
162 100.5 81.7 122.5
160 43.4 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 124.269 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion:330 Resp: 445504
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 27.1 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 78.754 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138101.D

Acq: 03 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161189TB

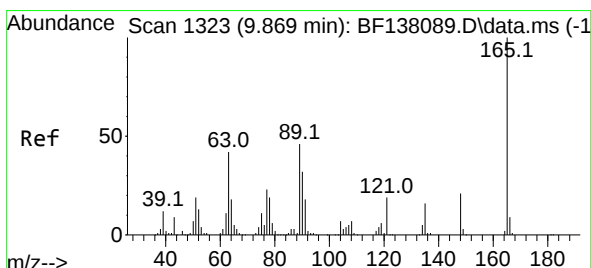
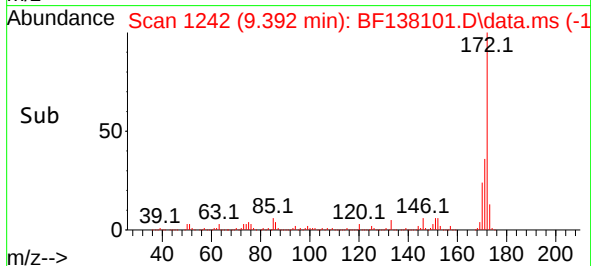
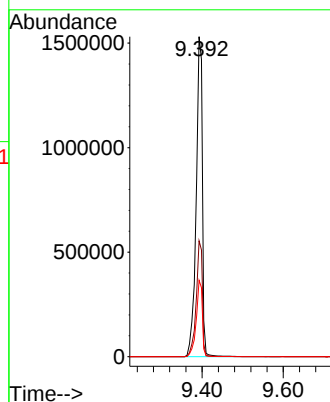
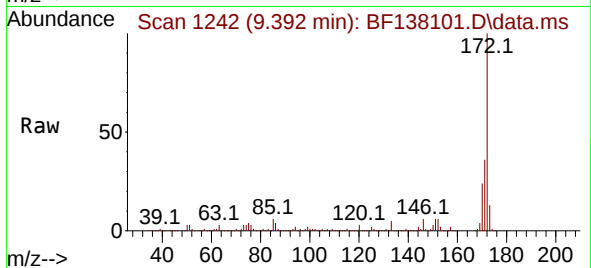
Tgt Ion:172 Resp: 1632901

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 23.8 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 8.297 ng

RT: 10.080 min Scan# 1359

Delta R.T. 0.211 min

Lab File: BF138101.D

Acq: 03 Jun 2024 12:23

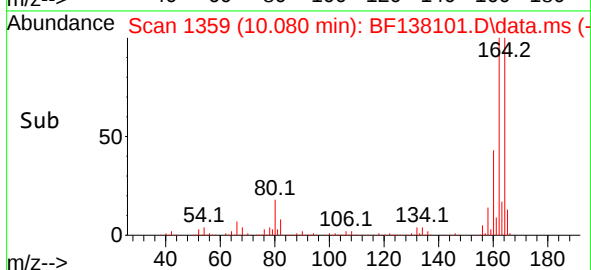
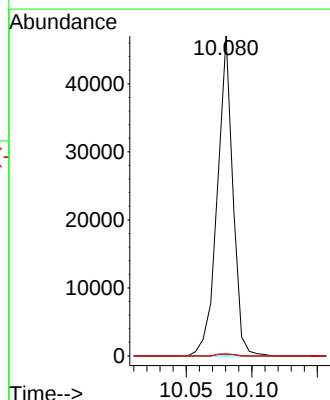
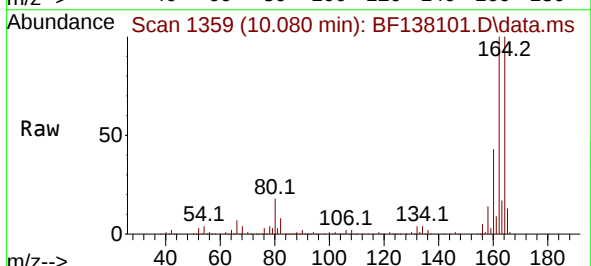
Tgt Ion:165 Resp: 38792

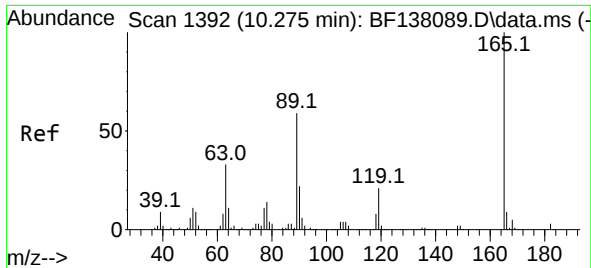
Ion Ratio Lower Upper

165 100

63 0.6 34.6 51.8#

89 0.6 36.6 55.0#

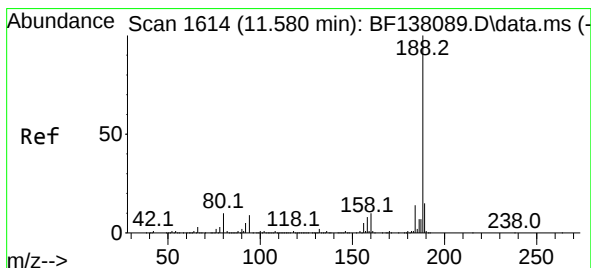
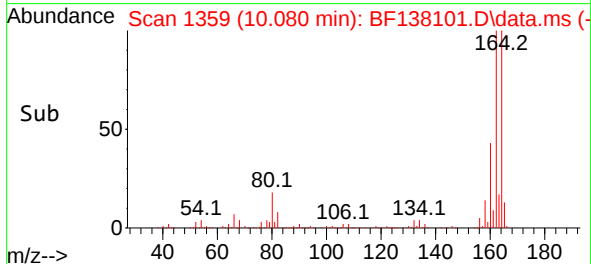
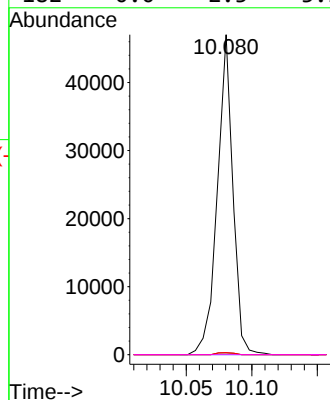
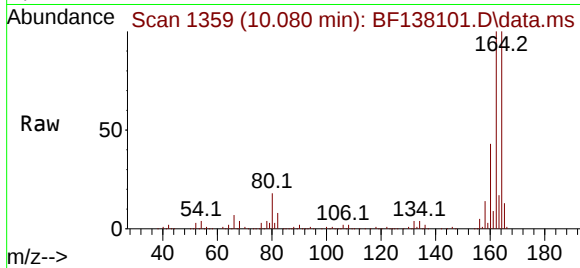




#57
2,4-Dinitrotoluene
Concen: 6.292 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

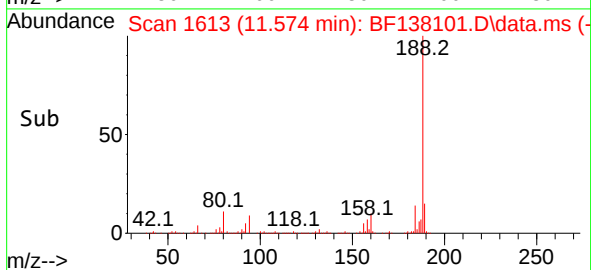
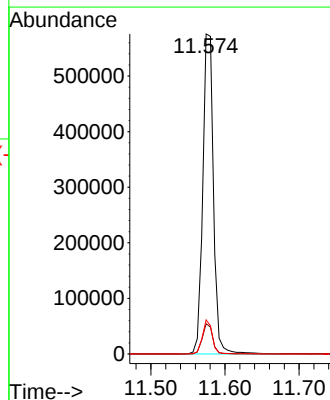
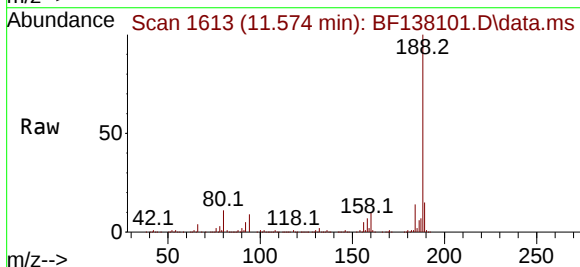
Instrument :
BNA_F
ClientSampleId :
PB161189TB

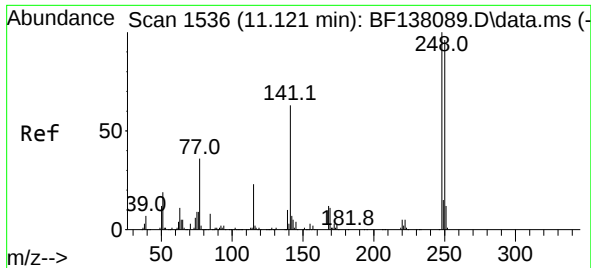
Tgt Ion:165 Resp: 38792
Ion Ratio Lower Upper
165 100
63 0.6 27.4 41.0#
89 0.6 47.4 71.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion:188 Resp: 576469
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.6 7.8 11.8

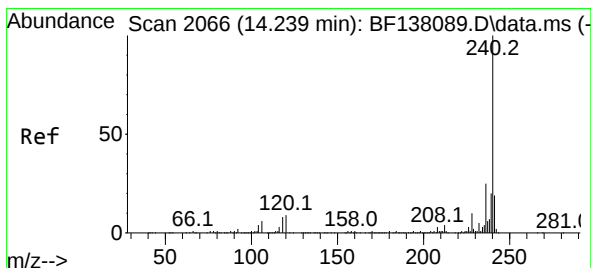
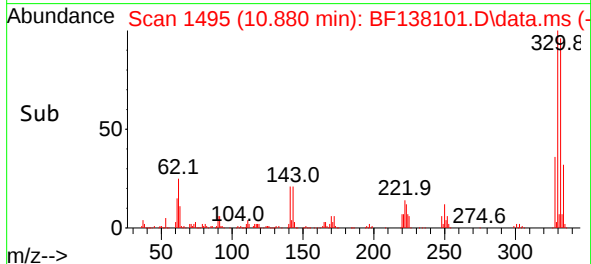
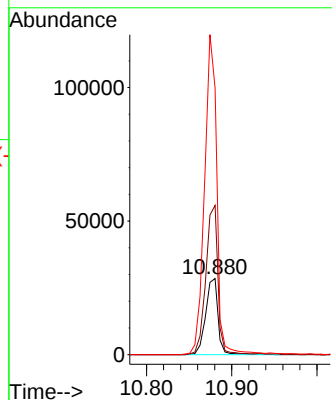
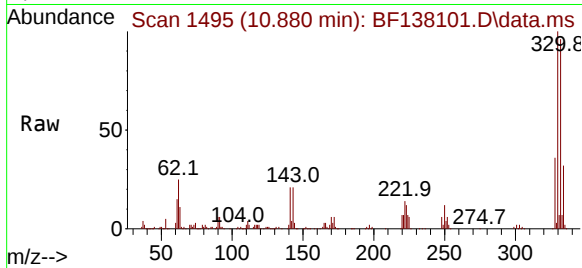




#67
4-Bromophenyl-phenylether
Concen: 4.273 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.241 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

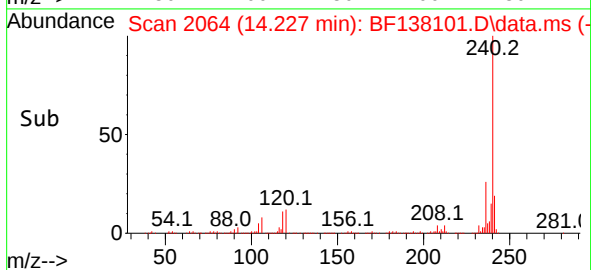
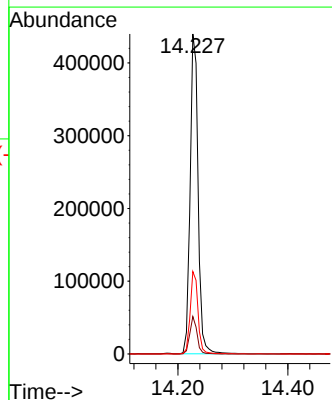
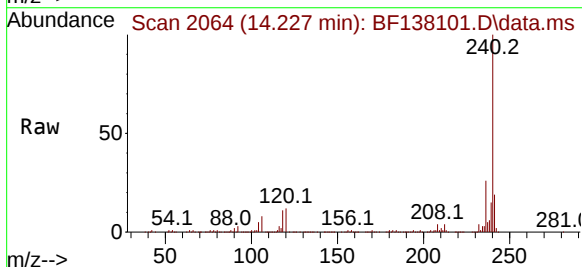
Instrument :
BNA_F
ClientSampleId :
PB161189TB

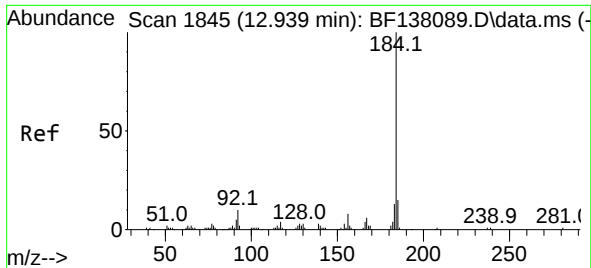
Tgt Ion:248 Resp: 28875
Ion Ratio Lower Upper
248 100
250 195.8 77.2 115.8#
141 350.0 50.6 76.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

Tgt Ion:240 Resp: 440949
Ion Ratio Lower Upper
240 100
120 11.7 7.1 10.7#
236 25.8 20.4 30.6

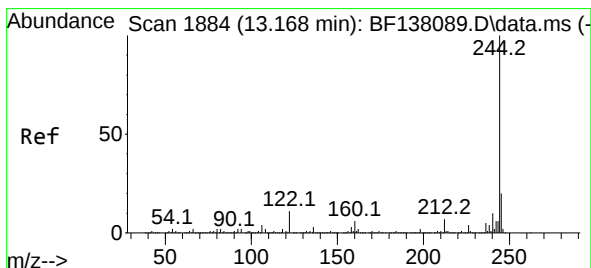
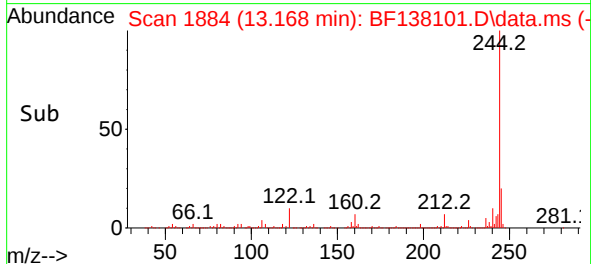
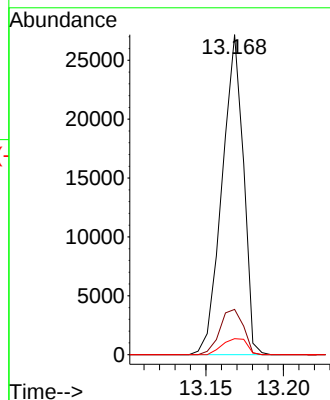
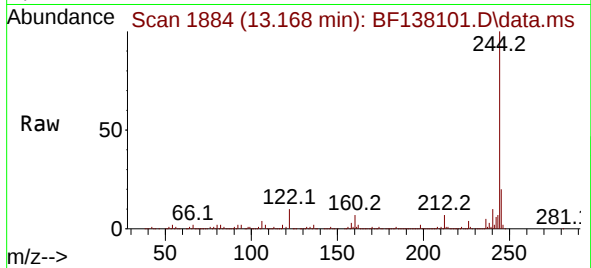




#77
Benzidine
Concen: 6.955 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.229 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

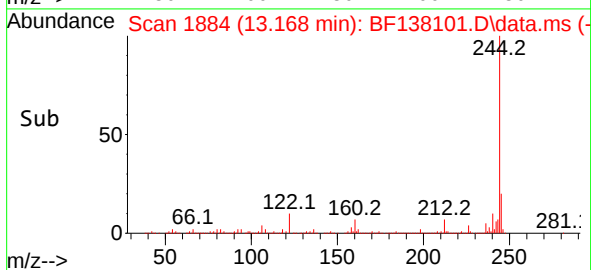
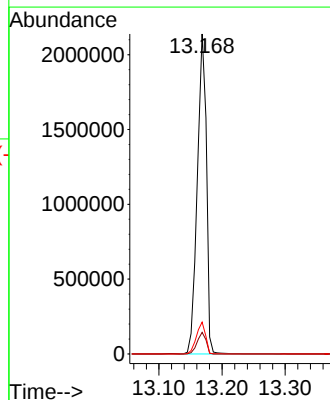
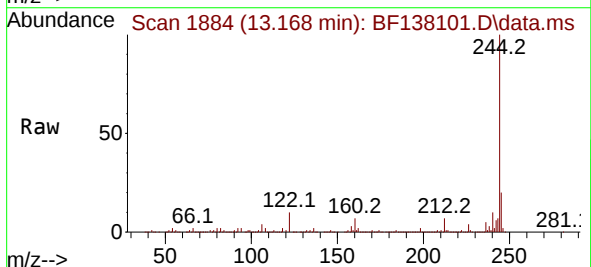
Instrument :
BNA_F
ClientSampleId :
PB161189TB

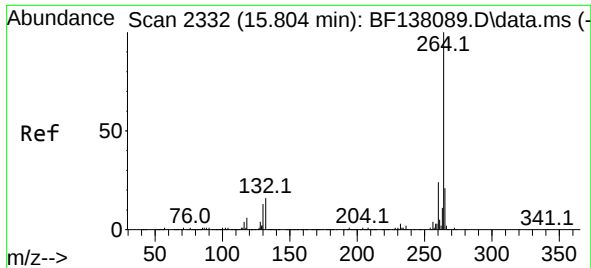
Tgt Ion:184 Resp: 25994
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 5.0 10.2 15.4#



#79
Terphenyl-d14
Concen: 69.946 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BF138101.D
Acq: 03 Jun 2024 12:23

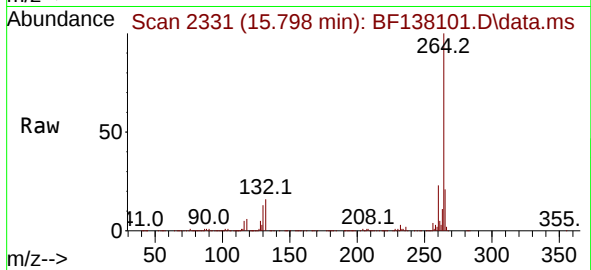
Tgt Ion:244 Resp: 2132248
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138101.D
 Acq: 03 Jun 2024 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB161189TB



Tgt Ion:264 Resp: 376218
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 20.9 16.7 25.1

