

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138098.D
 Acq On : 03 Jun 2024 10:56
 Operator : CG\JU
 Sample : PB161236BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161236BL

Quant Time: Jun 03 11:59:42 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)

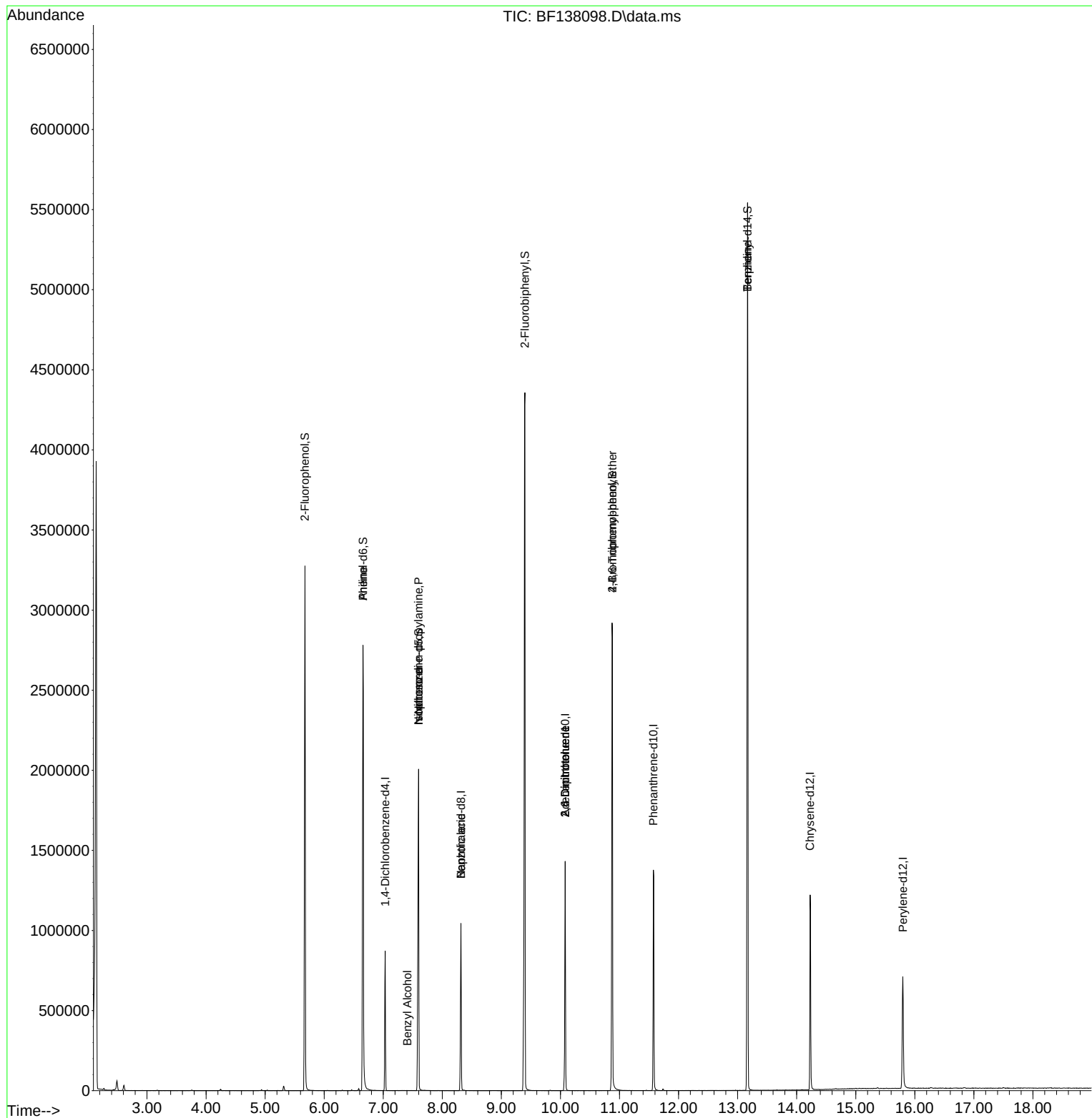
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	128905	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	505293	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	306872	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	565267	20.000	ng	0.00
76) Chrysene-d12	14.227	240	442748	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	378676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1009478	139.993	ng	0.01
7) Phenol-d6	6.657	99	1239519	133.487	ng	0.00
23) Nitrobenzene-d5	7.598	82	755253	87.096	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	467116	130.498	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1699683	82.101	ng	0.00
79) Terphenyl-d14	13.169	244	2214876	72.362	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.657	93	54	3.942	ng	# 1
15) Benzyl Alcohol	7.410	79	277	5.158	ng	87
19) n-Nitroso-di-n-propyla...	7.598	70	99984	18.569	ng	# 77
25) Isophorone	7.598	82	753276	50.350	ng	# 62
32) Benzoic acid	8.316	122	62	7.798	ng	# 1
51) 2,6-Dinitrotoluene	10.080	165	39028	8.360	ng	# 33
57) 2,4-Dinitrotoluene	10.080	165	39028	6.340	ng	# 32
67) 4-Bromophenyl-phenylether	10.880	248	29997	4.527	ng	# 1
77) Benzidine	13.169	184	26632	7.035	ng	# 93

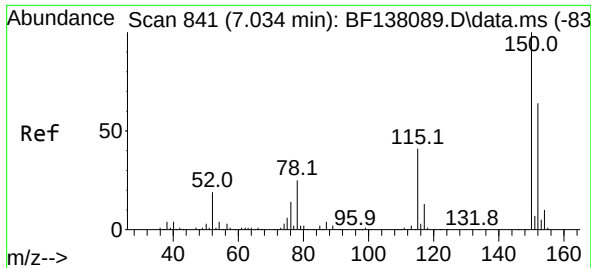
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

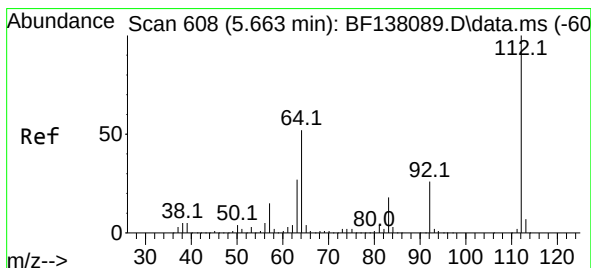
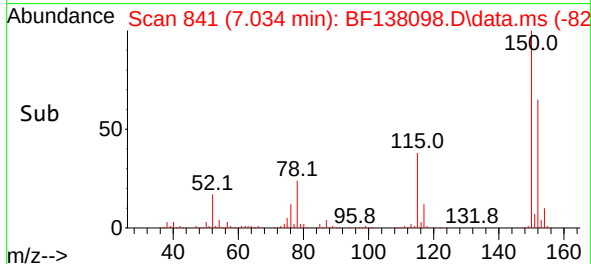
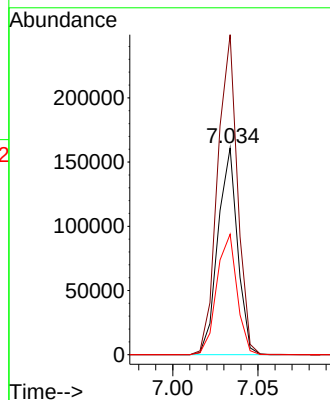
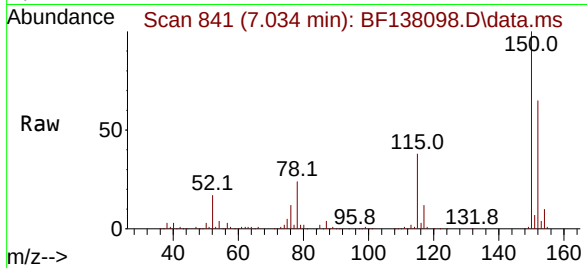




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

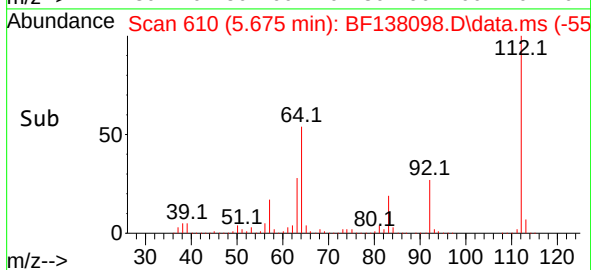
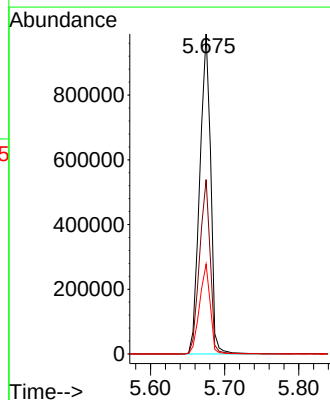
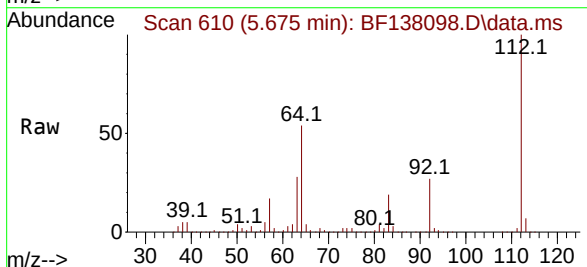
Instrument :
BNA_F
ClientSampleId :
PB161236BL

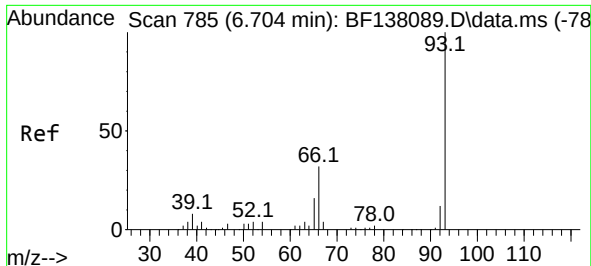
Tgt Ion:152 Resp: 128905
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.0
115 58.3 51.6 77.4



#5
2-Fluorophenol
Concen: 139.993 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion:112 Resp: 1009478
Ion Ratio Lower Upper
112 100
64 54.5 41.4 62.2
63 28.1 21.5 32.3





#6

Aniline

Concen: 3.942 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.047 min

Lab File: BF138098.D

Acq: 03 Jun 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB161236BL

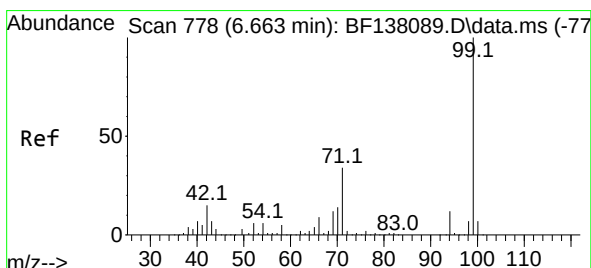
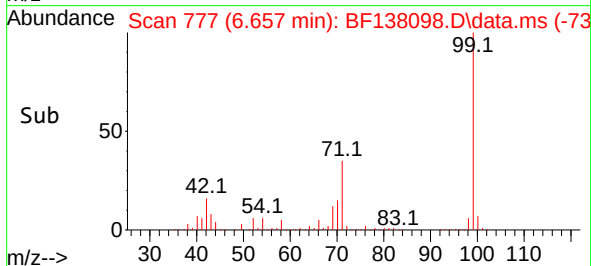
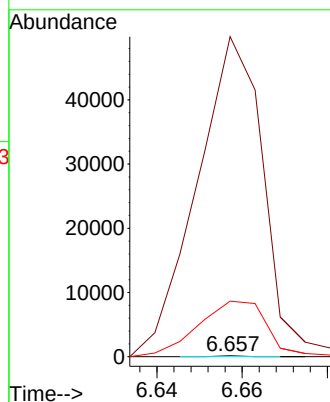
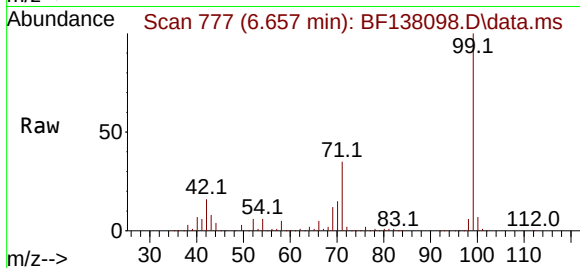
Tgt Ion: 93 Resp: 54

Ion Ratio Lower Upper

93 100

66 32580.4 30.4 45.6#

65 5659.5 16.2 24.4#



#7

Phenol-d6

Concen: 133.487 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF138098.D

Acq: 03 Jun 2024 10:56

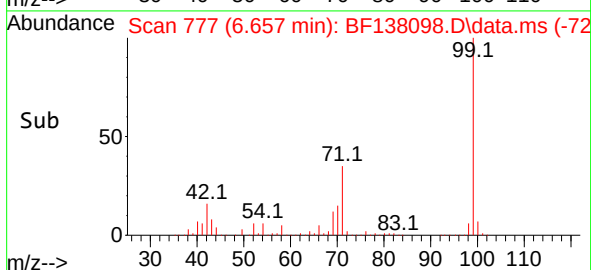
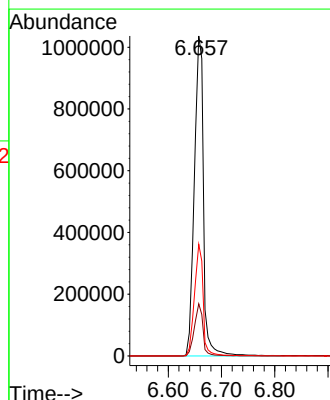
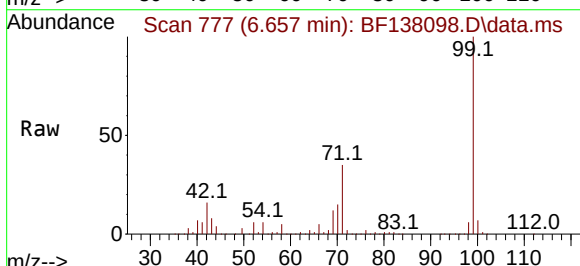
Tgt Ion: 99 Resp: 1239519

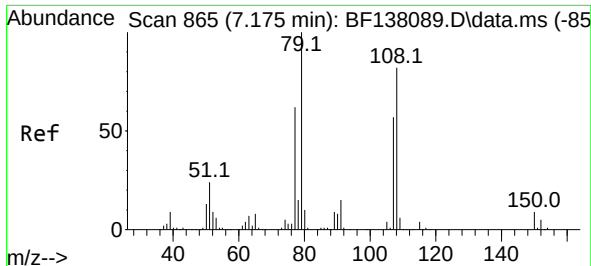
Ion Ratio Lower Upper

99 100

42 16.3 11.9 17.9

71 34.9 26.8 40.2

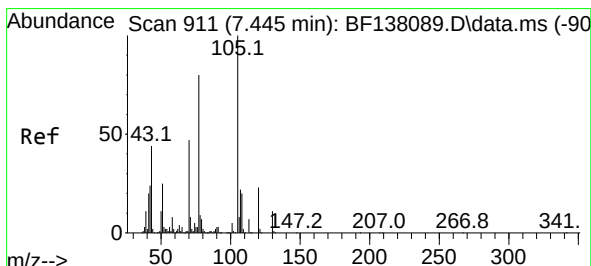
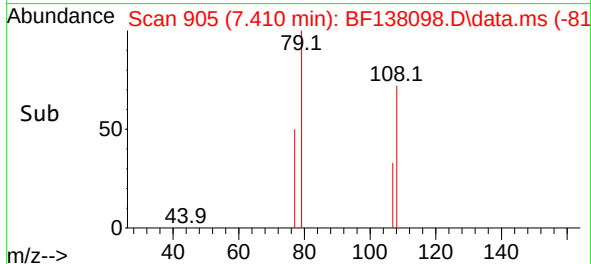
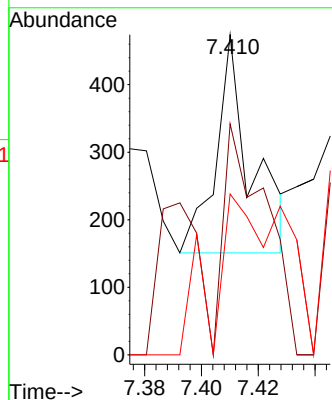
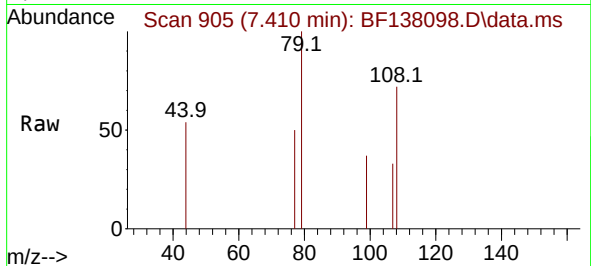




#15
Benzyl Alcohol
Concen: 5.158 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.235 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

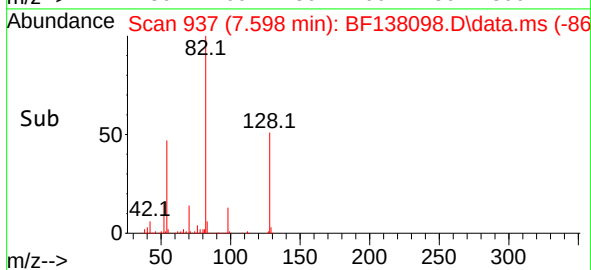
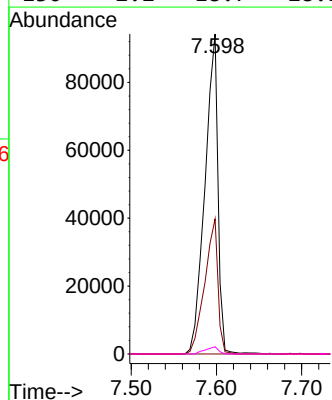
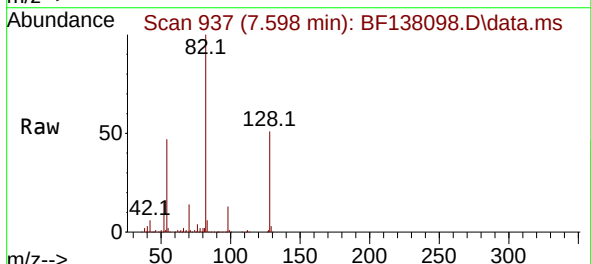
Instrument :
BNA_F
ClientSampleId :
PB161236BL

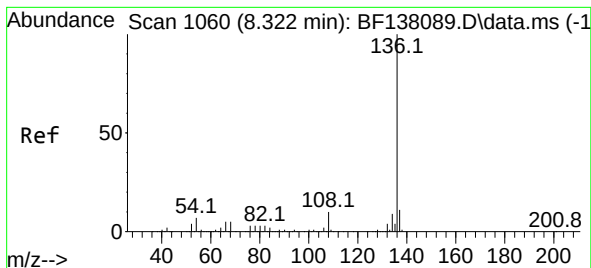
Tgt Ion: 79	Resp: 277
Ion Ratio	Lower Upper
79	100
108	72.2 65.5 98.3
77	50.2 49.6 74.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.569 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.153 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion: 70	Resp: 99984
Ion Ratio	Lower Upper
70	100
42	42.2 41.4 62.0
101	0.0 8.1 12.1#
130	2.2 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: BF138098.D

Acq: 03 Jun 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB161236BL

Tgt Ion:136 Resp: 505293

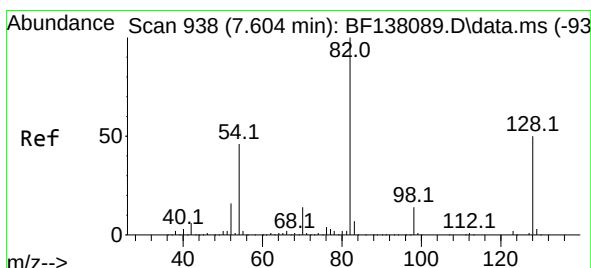
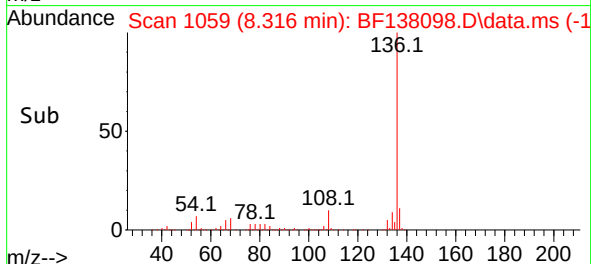
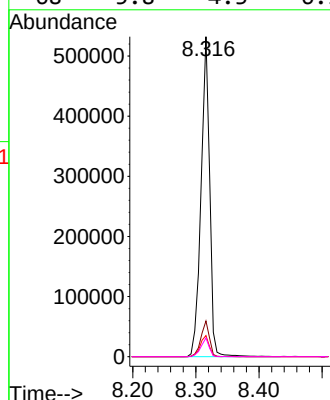
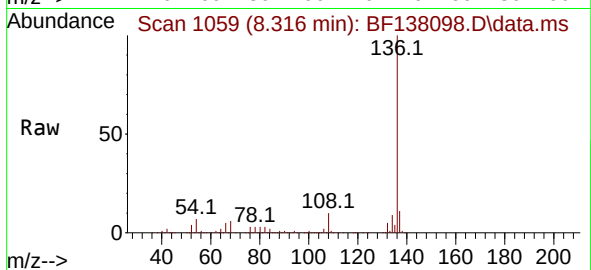
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.6 5.4 8.0

68 5.8 4.3 6.5



#23

Nitrobenzene-d5

Concen: 87.096 ng

RT: 7.598 min Scan# 937

Delta R.T. -0.006 min

Lab File: BF138098.D

Acq: 03 Jun 2024 10:56

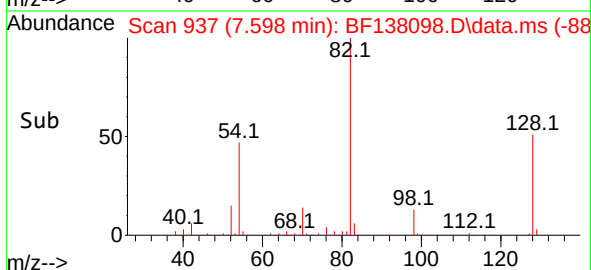
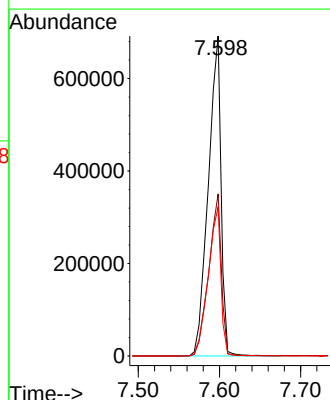
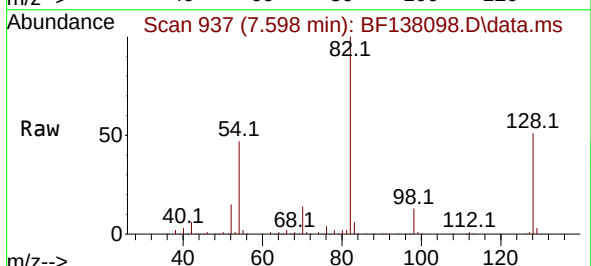
Tgt Ion: 82 Resp: 755253

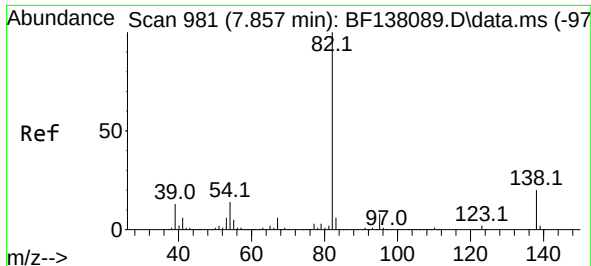
Ion Ratio Lower Upper

82 100

128 50.6 39.9 59.9

54 46.6 37.0 55.4

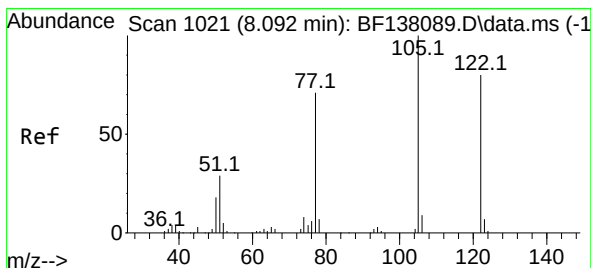
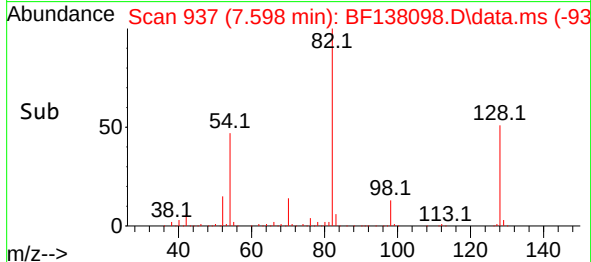
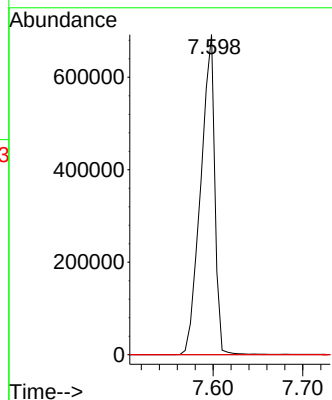
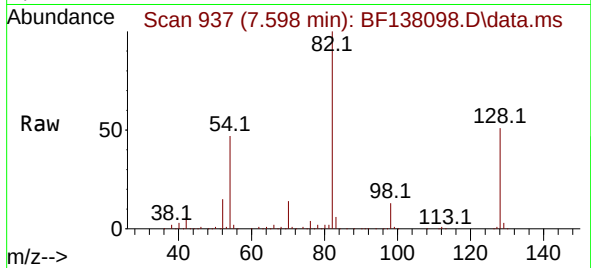




#25
Isophorone
Concen: 50.350 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

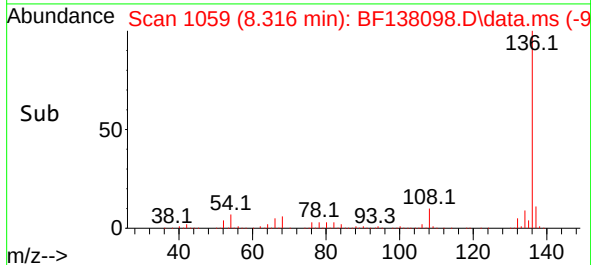
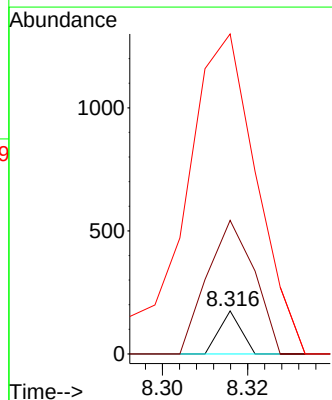
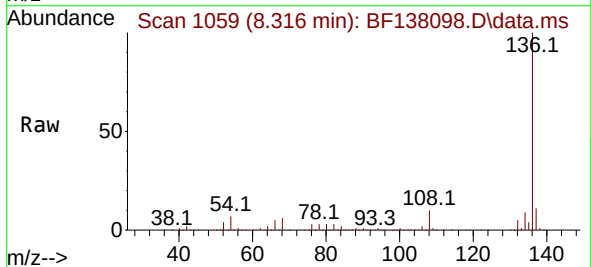
Instrument :
BNA_F
ClientSampleId :
PB161236BL

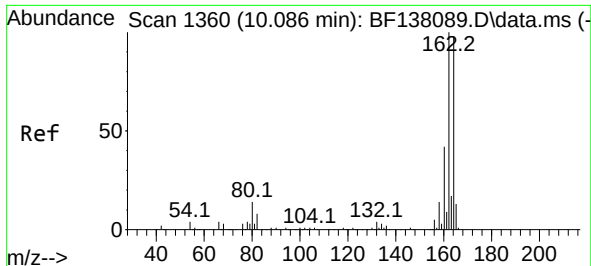
Tgt Ion: 82 Resp: 753276
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#



#32
Benzoic acid
Concen: 7.798 ng
RT: 8.316 min Scan# 1059
Delta R.T. 0.224 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 310.3 102.3 142.3#
77 742.9 67.6 107.6#

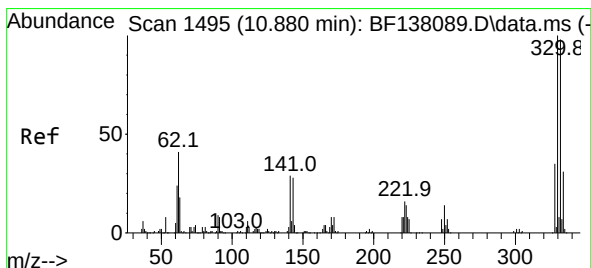
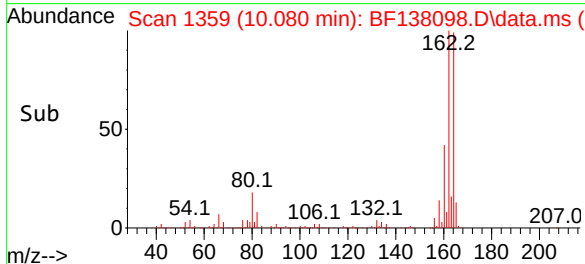
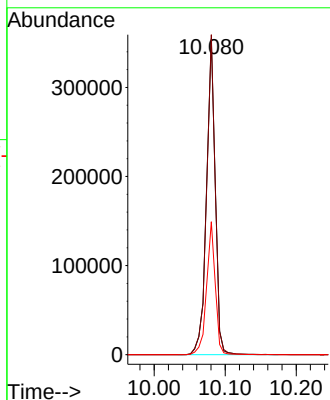
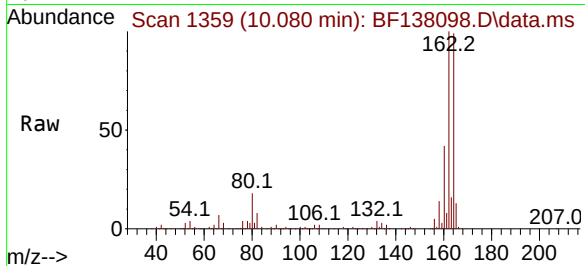




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

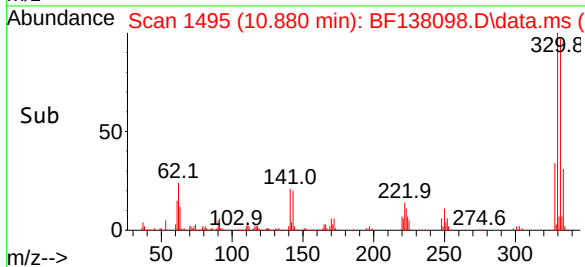
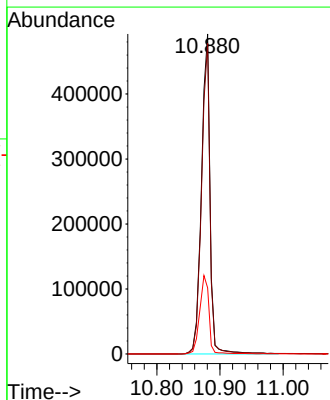
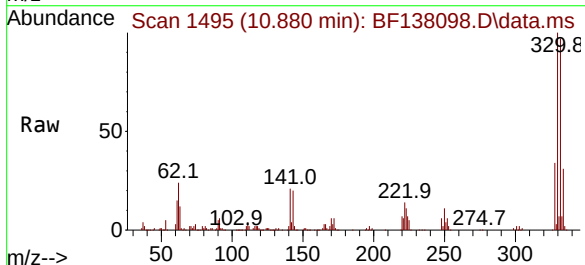
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ClientSampleId :
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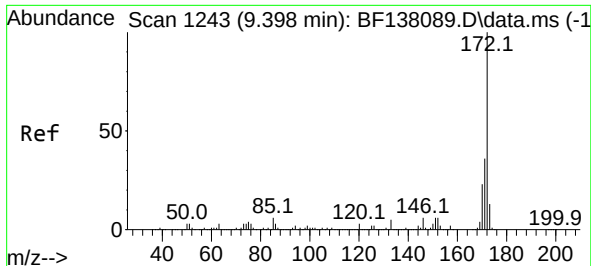
Tgt Ion:164 Resp: 306872
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 42.1 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 130.498 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion:330 Resp: 467116
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 26.5 21.4 32.0

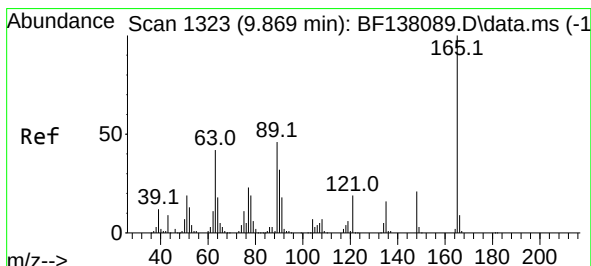
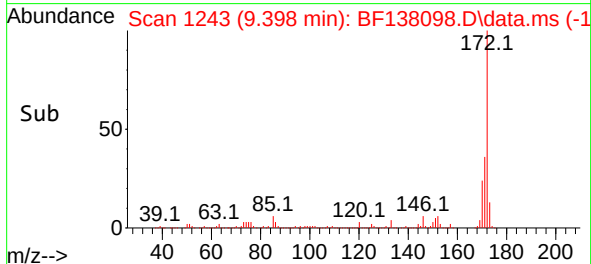
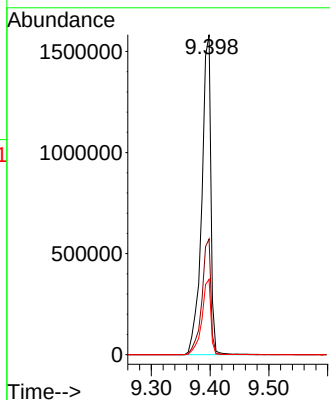
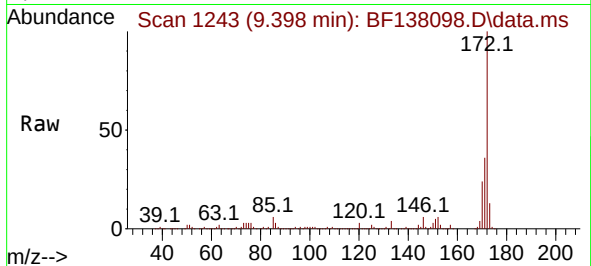




#45
 2-Fluorobiphenyl
 Concen: 82.101 ng
 RT: 9.398 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138098.D
 Acq: 03 Jun 2024 10:56

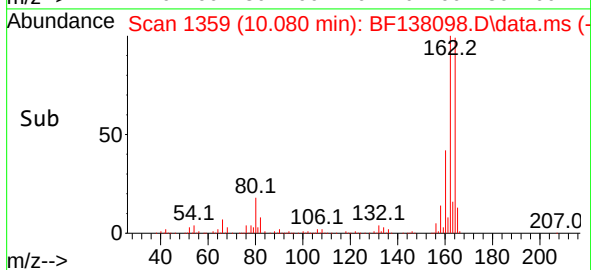
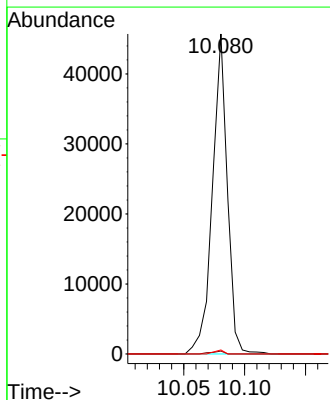
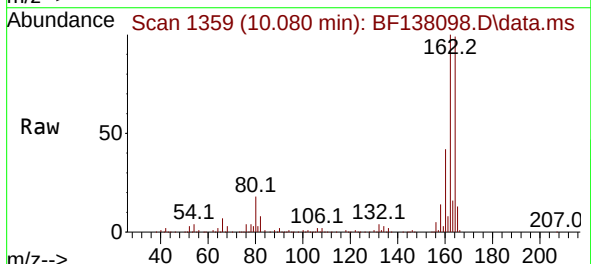
Instrument :
 BNA_F
 ClientSampleId :
 PB161236BL

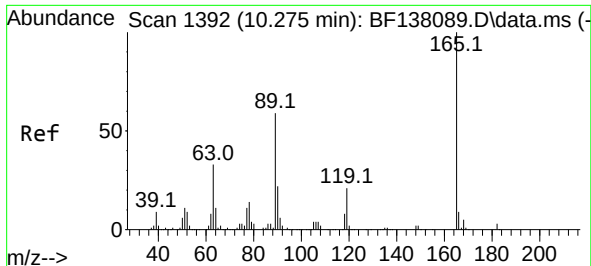
Tgt Ion:172 Resp: 1699683
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 23.6 18.6 28.0



#51
 2,6-Dinitrotoluene
 Concen: 8.360 ng
 RT: 10.080 min Scan# 1359
 Delta R.T. 0.211 min
 Lab File: BF138098.D
 Acq: 03 Jun 2024 10:56

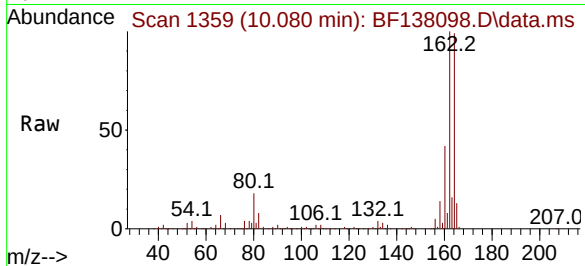
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 Ion Ratio Lower Upper
 165 100
 63 0.9 34.6 51.8#
 89 1.3 36.6 55.0#



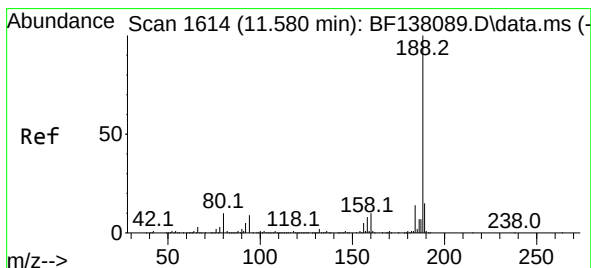
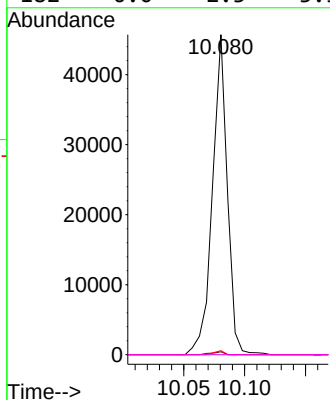
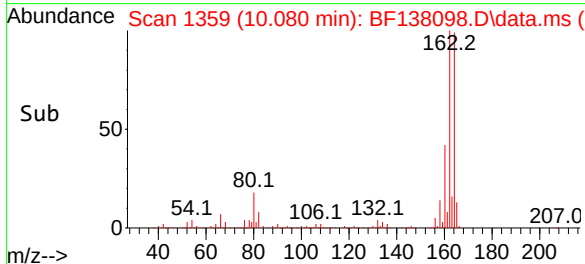


#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB161236BL

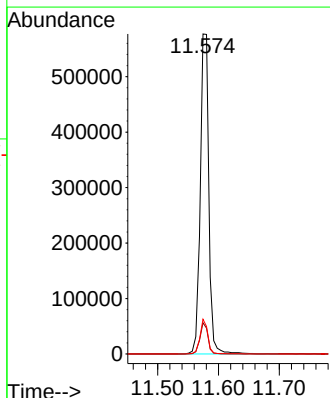
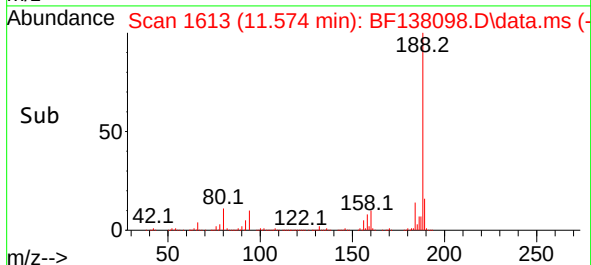
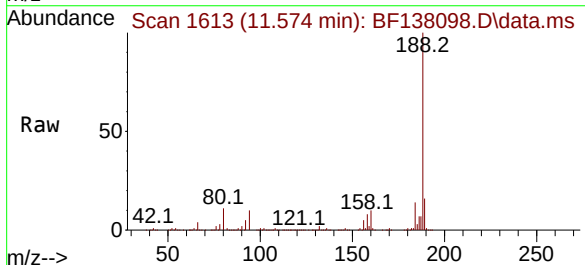


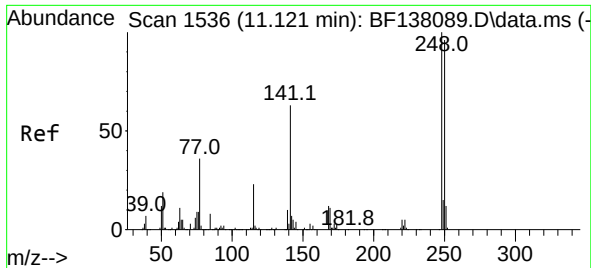
Tgt Ion:165 Resp: 39028
Ion Ratio Lower Upper
165 100
63 0.9 27.4 41.0#
89 1.3 47.4 71.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

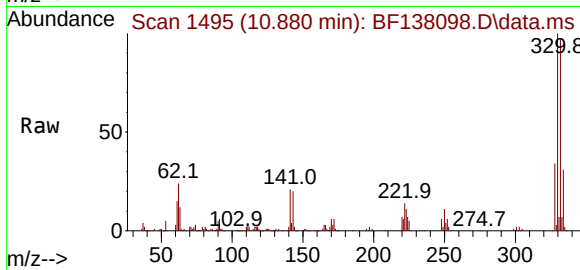
Tgt Ion:188 Resp: 565267
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.9 7.8 11.8



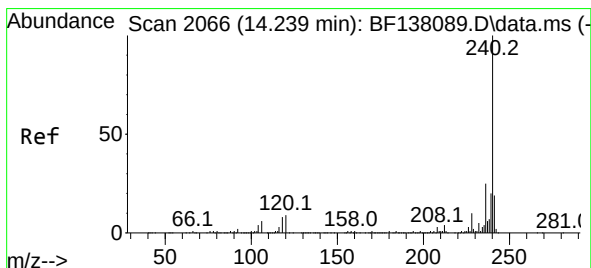
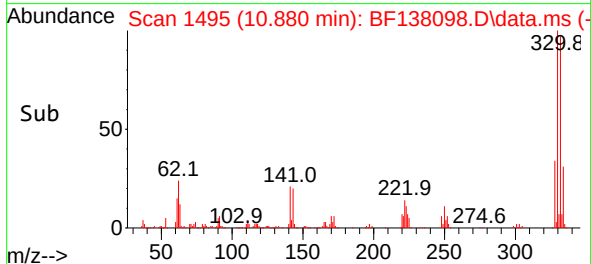
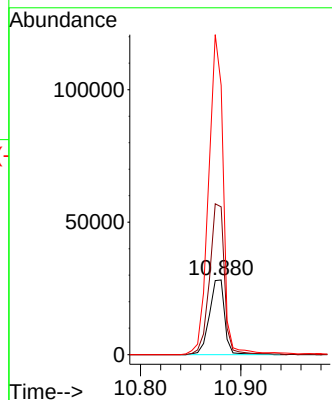


#67
4-Bromophenyl-phenylether
Concen: 4.527 ng
RT: 10.880 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB161236BL

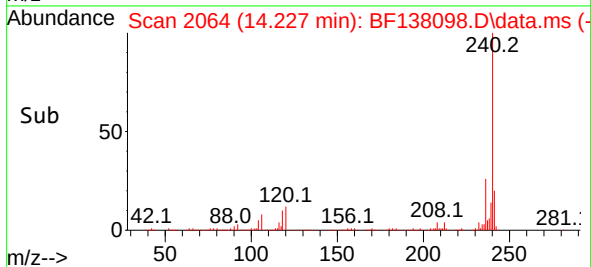
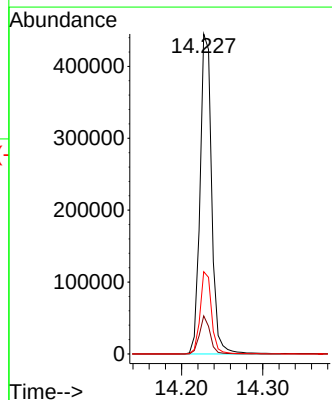
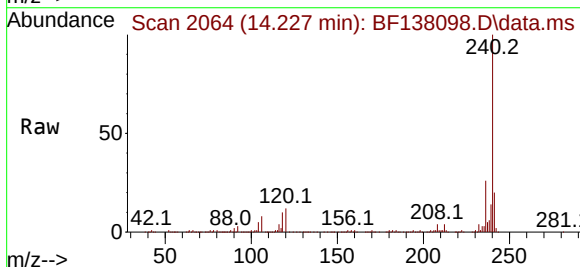


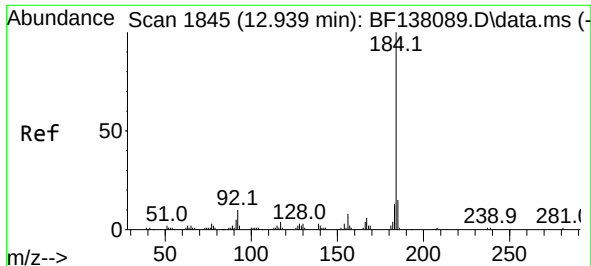
Tgt Ion:248 Resp: 29997
Ion Ratio Lower Upper
248 100
250 197.7 77.2 115.8#
141 360.3 50.6 76.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion:240 Resp: 442748
Ion Ratio Lower Upper
240 100
120 11.9 7.1 10.7#
236 25.7 20.4 30.6

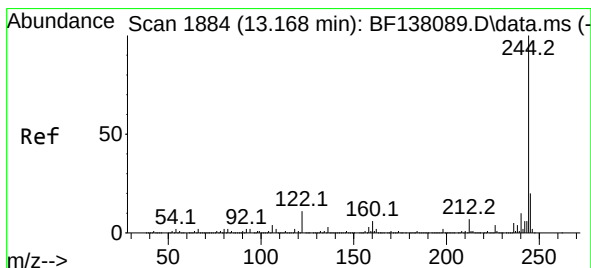
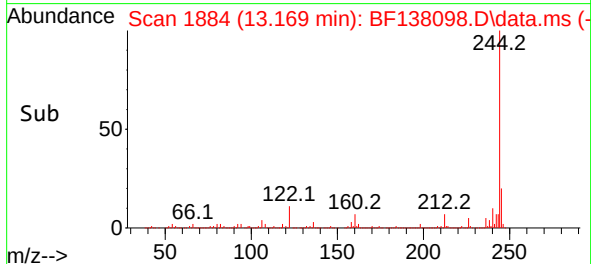
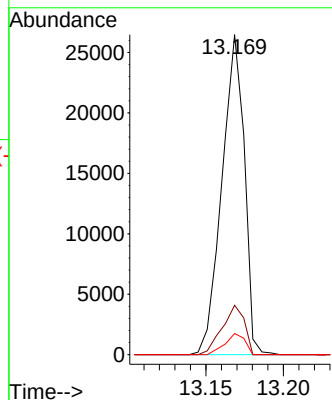
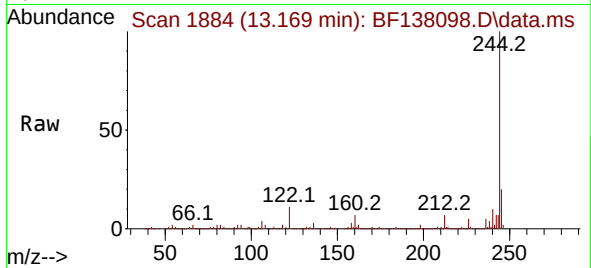




#77
Benzidine
Concen: 7.035 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.229 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

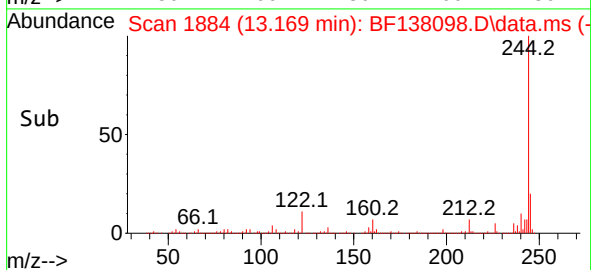
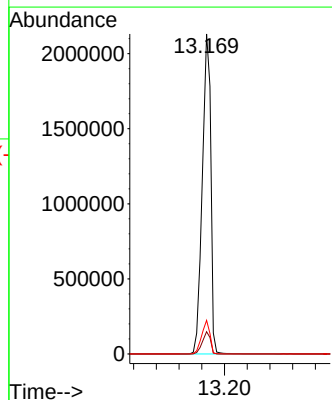
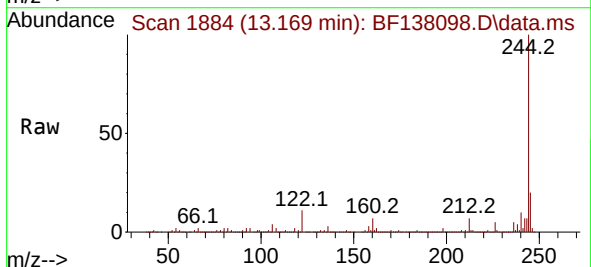
Instrument :
BNA_F
ClientSampleId :
PB161236BL

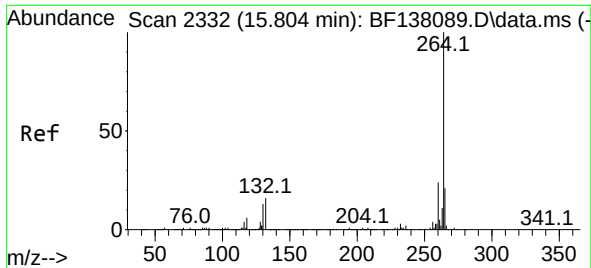
Tgt Ion:184 Resp: 26632
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.6 10.2 15.4#



#79
Terphenyl-d14
Concen: 72.362 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BF138098.D
Acq: 03 Jun 2024 10:56

Tgt Ion:244 Resp: 2214876
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.5 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: BF138098.D
Acq: 03 Jun 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB161236BL

Tgt Ion:264 Resp: 378676

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	22.3	16.7	25.1

