

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138102.D
 Acq On : 03 Jun 2024 12:56
 Operator : CG\JU
 Sample : P2646-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPS

Quant Time: Jun 03 13:43:32 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)

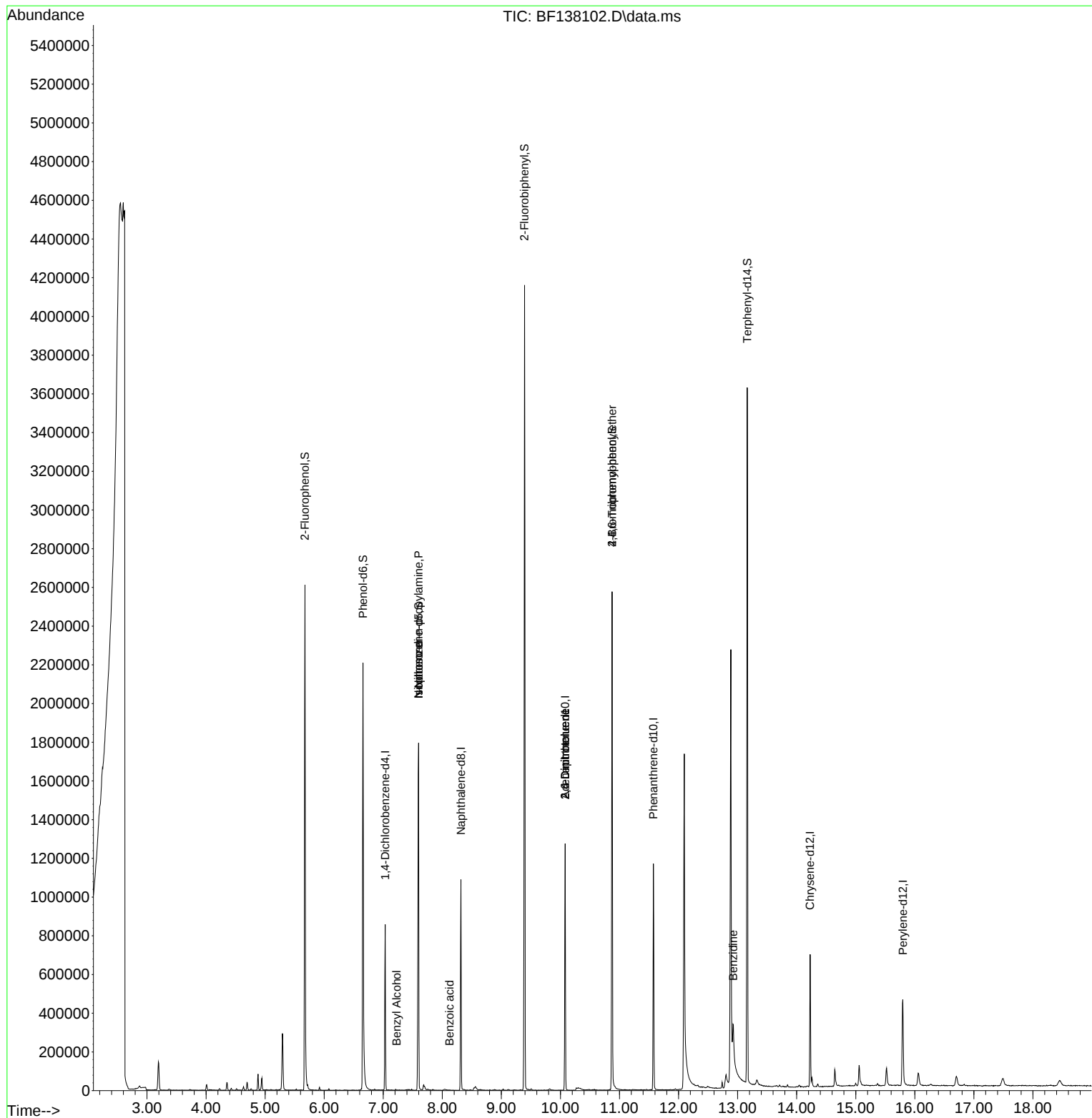
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	121287	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	468107	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	263517	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	429122	20.000	ng	0.00
76) Chrysene-d12	14.227	240	227203	20.000	ng	#-0.01
86) Perylene-d12	15.798	264	245998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	771178	113.663	ng	0.01
7) Phenol-d6	6.657	99	867507	99.292	ng	0.00
23) Nitrobenzene-d5	7.598	82	622421	77.480	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	348419	113.352	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1343309	75.562	ng	0.00
79) Terphenyl-d14	13.163	244	1335946	85.053	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.228	79	198	5.144	ng	# 38
19) n-Nitroso-di-n-propyla...	7.598	70	83463	16.474	ng	# 75
25) Isophorone	7.598	82	622410	44.908	ng	# 62
32) Benzoic acid	8.122	122	600	7.911	ng	# 59
51) 2,6-Dinitrotoluene	10.080	165	33973	8.474	ng	# 33
57) 2,4-Dinitrotoluene	10.080	165	33973	6.426	ng	# 31
67) 4-Bromophenyl-phenylether	10.874	248	21540	4.282	ng	# 1
77) Benzidine	12.927	184	117177	52.790	ng	96

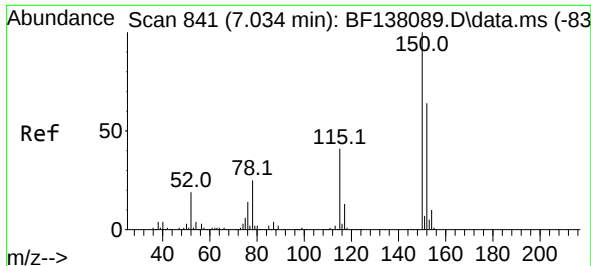
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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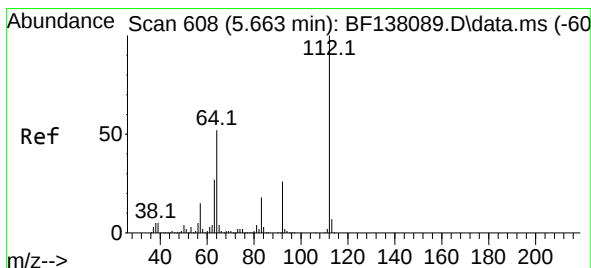
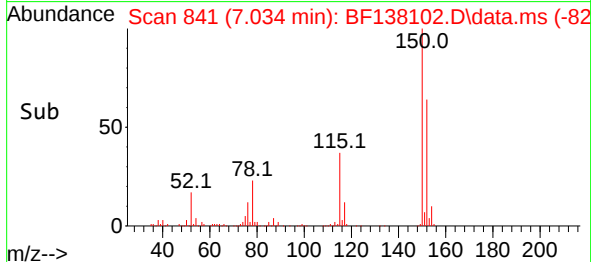
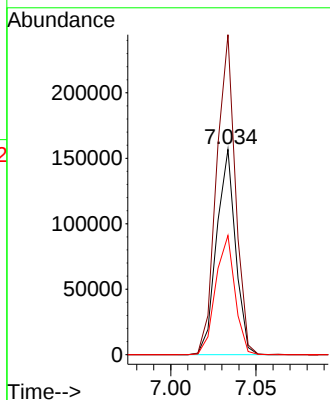
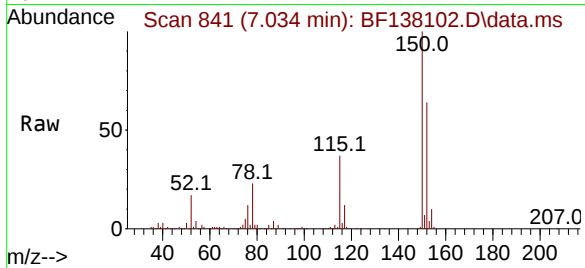




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

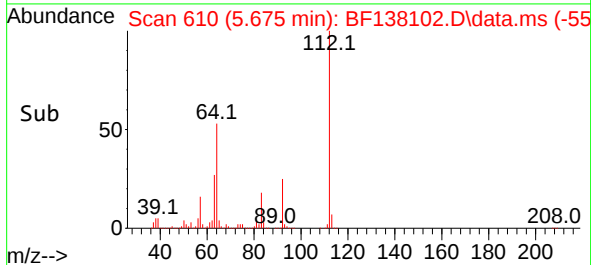
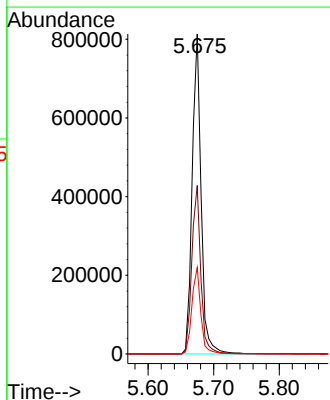
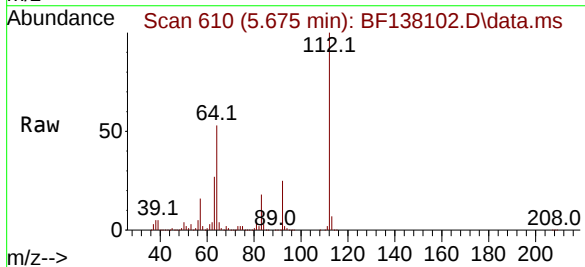
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

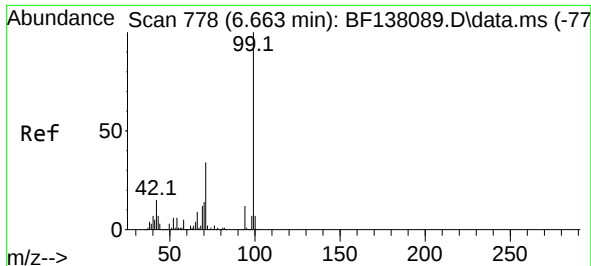
Tgt Ion:152 Resp: 121287
Ion Ratio Lower Upper
152 100
150 155.9 125.4 188.0
115 58.1 51.6 77.4



#5
2-Fluorophenol
Concen: 113.663 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion:112 Resp: 771178
Ion Ratio Lower Upper
112 100
64 52.7 41.4 62.2
63 27.0 21.5 32.3





#7

Phenol-d6

Concen: 99.292 ng

RT: 6.657 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

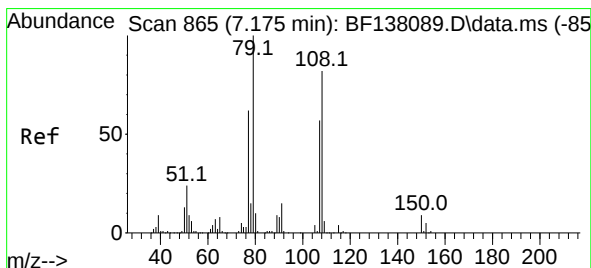
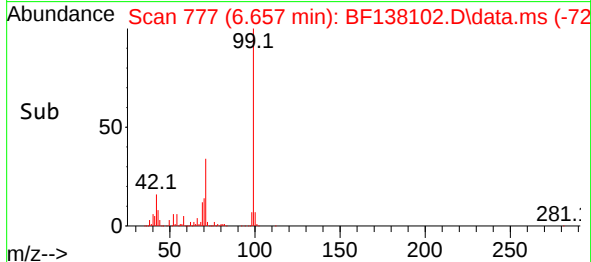
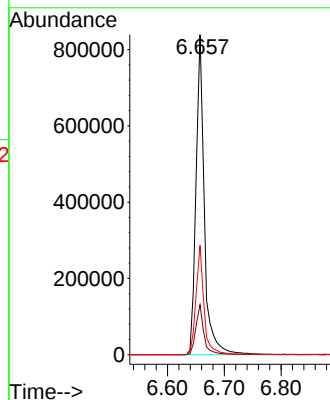
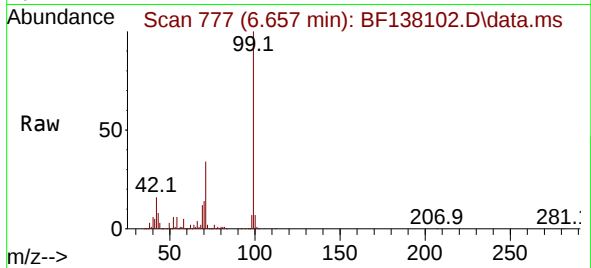
Tgt Ion: 99 Resp: 867507

Ion Ratio Lower Upper

99 100

42 15.6 11.9 17.9

71 34.2 26.8 40.2



#15

Benzyl Alcohol

Concen: 5.144 ng

RT: 7.228 min Scan# 874

Delta R.T. 0.053 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

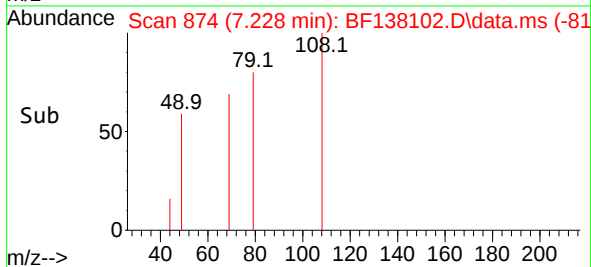
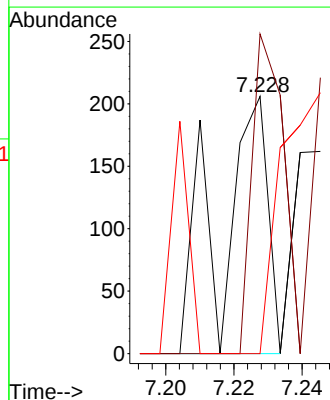
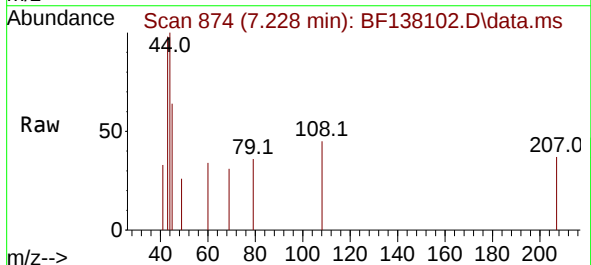
Tgt Ion: 79 Resp: 198

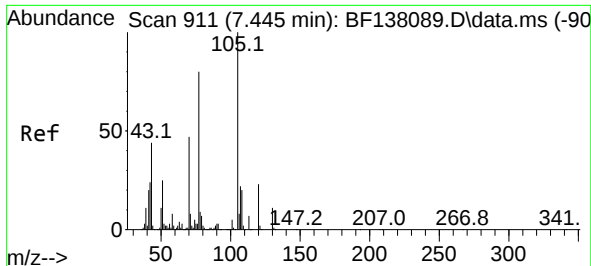
Ion Ratio Lower Upper

79 100

108 124.3 65.5 98.3#

77 0.0 49.6 74.4#

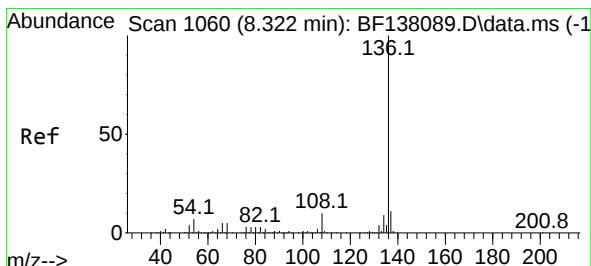
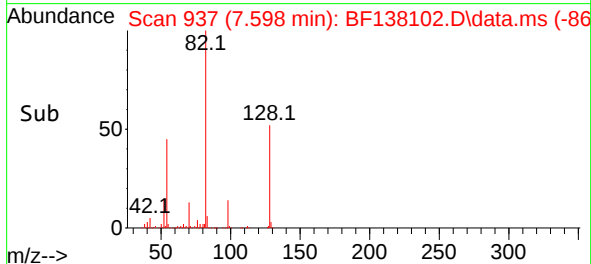
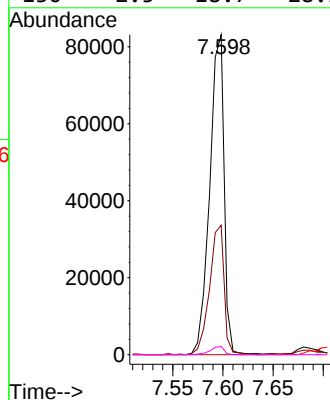
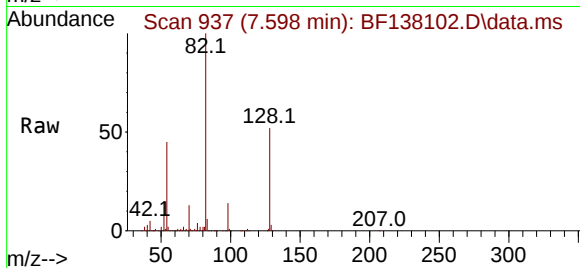




#19
n-Nitroso-di-n-propylamine
Concen: 16.474 ng
RT: 7.598 min Scan# 911
Delta R.T. 0.153 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

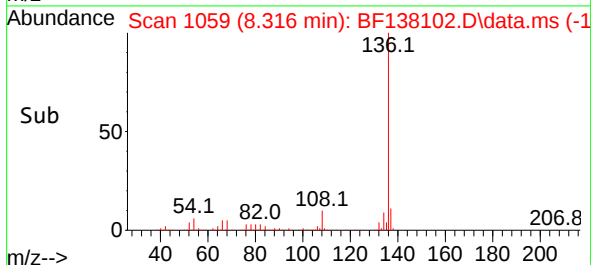
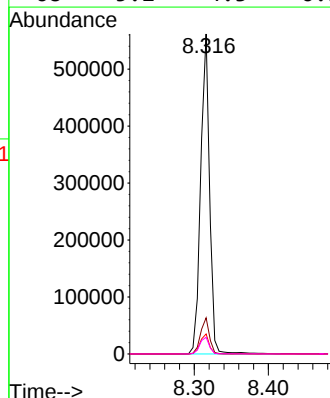
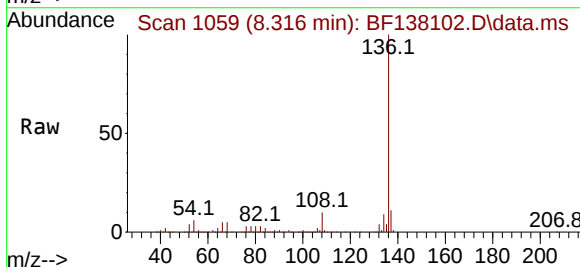
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

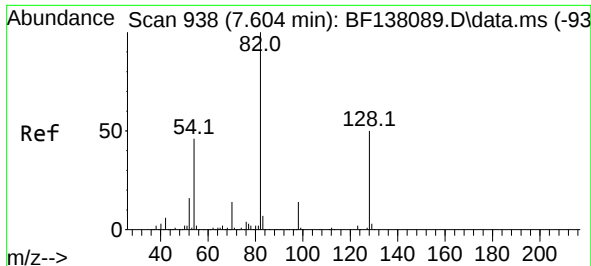
Tgt Ion: 70 Resp: 83463
Ion Ratio Lower Upper
70 100
42 40.5 41.4 62.0#
101 0.0 8.1 12.1#
130 2.5 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion: 136 Resp: 468107
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.2 5.4 8.0
68 5.2 4.3 6.5

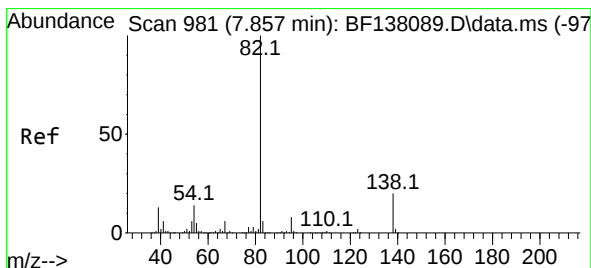
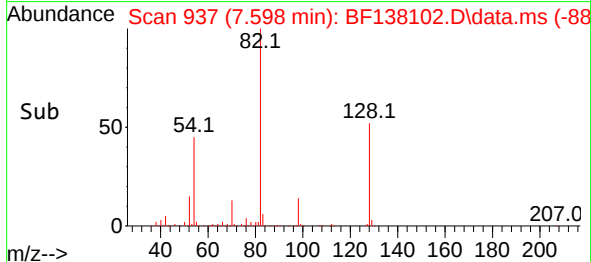
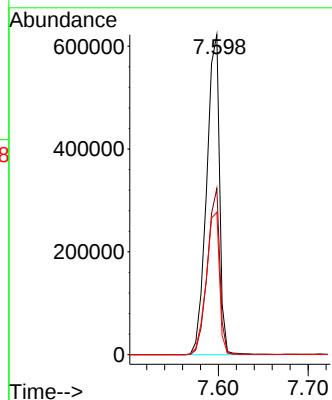
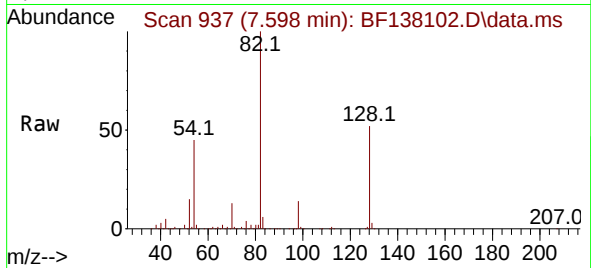




#23
Nitrobenzene-d5
Concen: 77.480 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

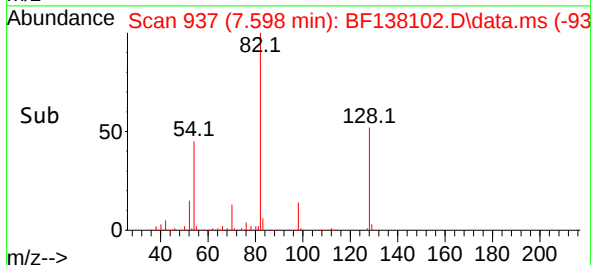
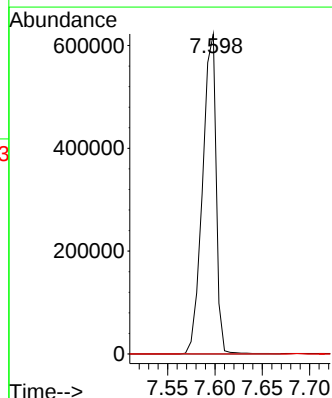
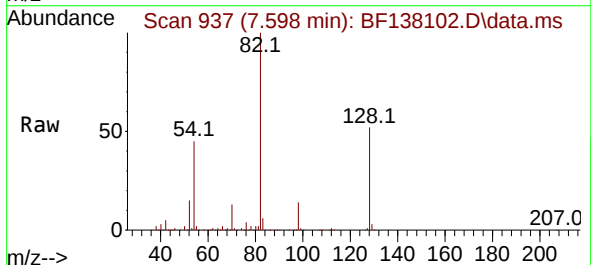
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

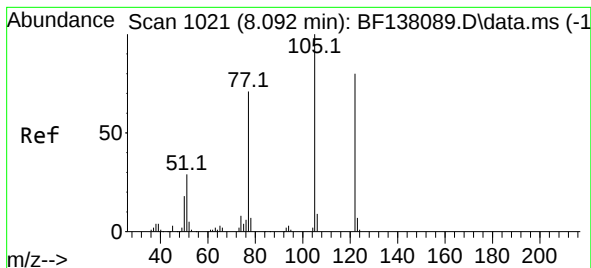
Tgt Ion: 82 Resp: 622421
Ion Ratio Lower Upper
82 100
128 52.0 39.9 59.9
54 44.5 37.0 55.4



#25
Isophorone
Concen: 44.908 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.259 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion: 82 Resp: 622410
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 16.2 24.2#





#32

Benzoic acid

Concen: 7.911 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.030 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

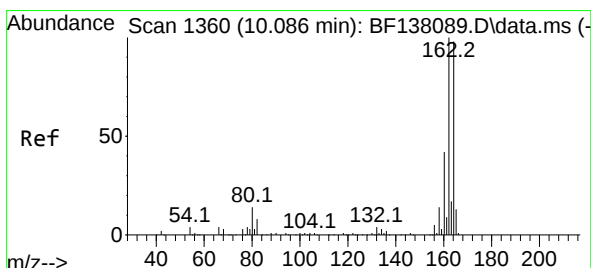
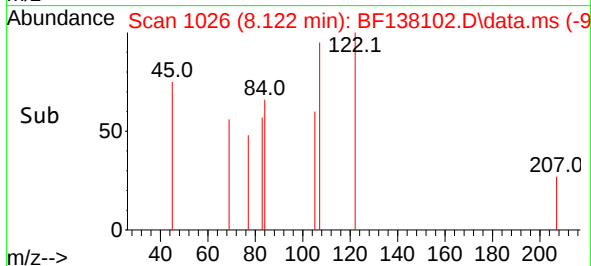
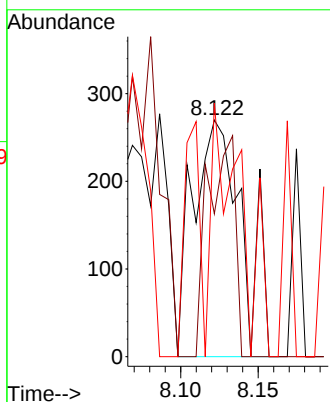
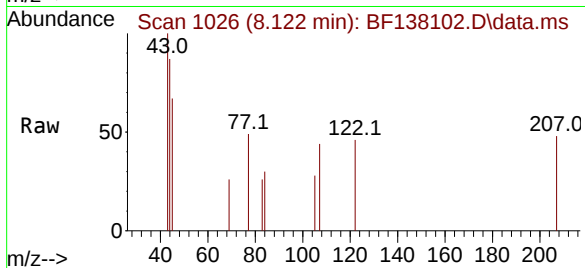
Tgt Ion:122 Resp: 600

Ion Ratio Lower Upper

122 100

105 60.4 102.3 142.3#

77 107.0 67.6 107.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

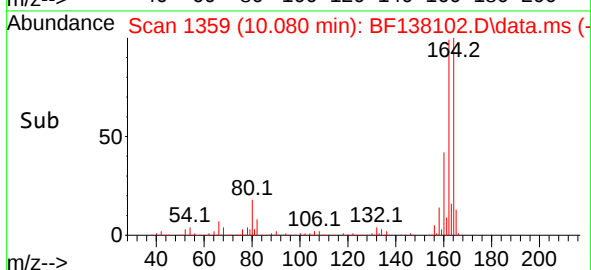
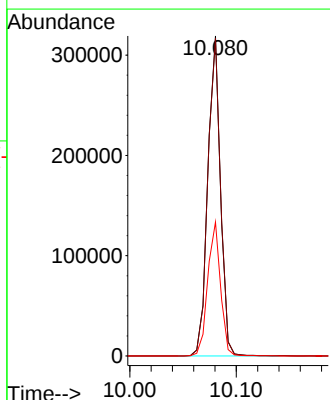
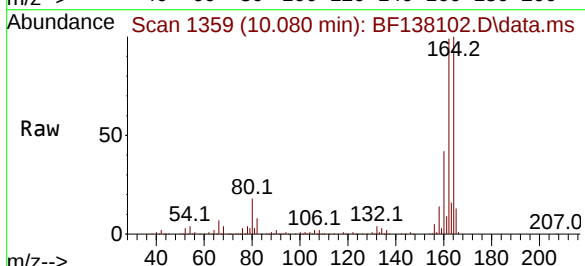
Tgt Ion:164 Resp: 263517

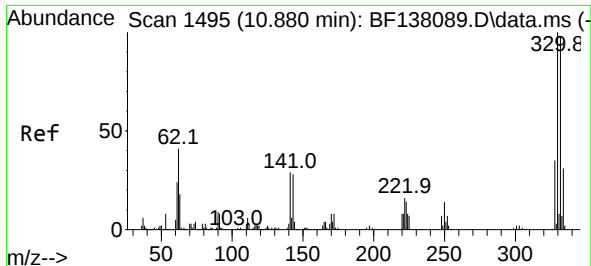
Ion Ratio Lower Upper

164 100

162 99.2 81.7 122.5

160 41.8 34.5 51.7

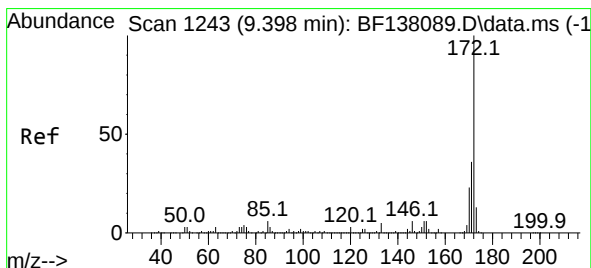
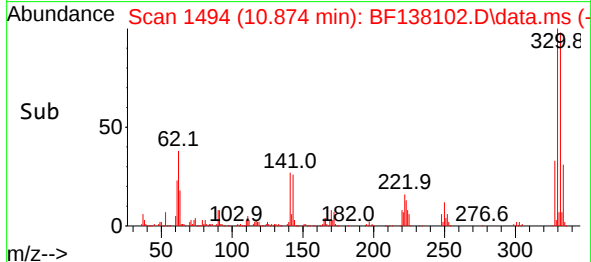
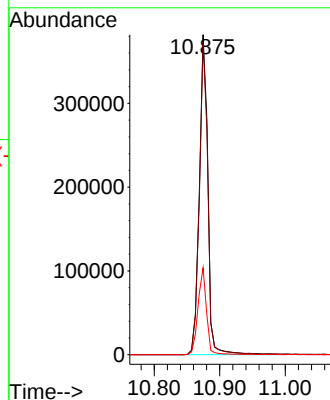
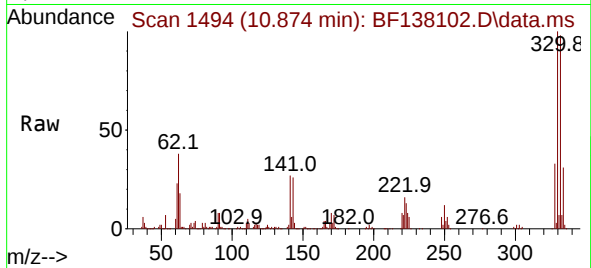




#42
2,4,6-Tribromophenol
Concen: 113.352 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

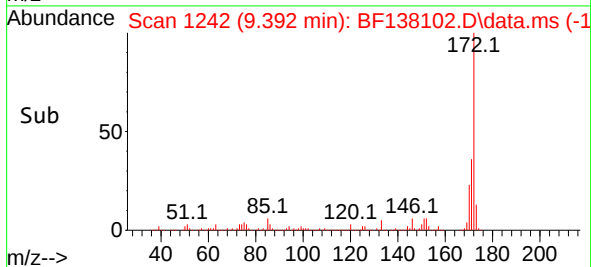
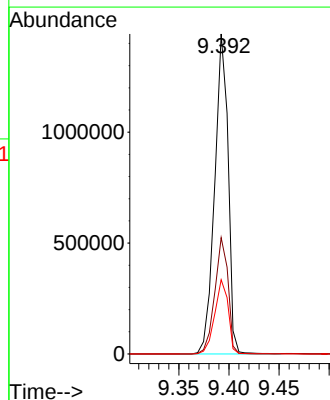
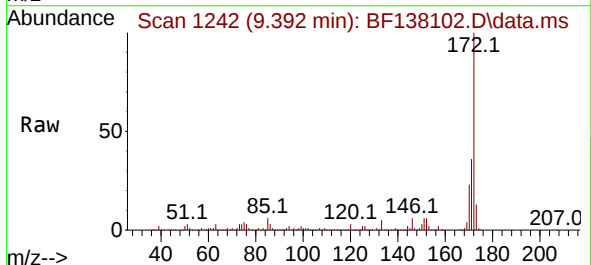
Instrument :
BNA_F
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WCS-TPS

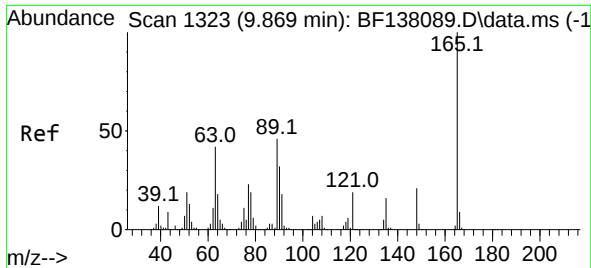
Tgt Ion:330 Resp: 348419
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 27.0 21.4 32.0



#45
2-Fluorobiphenyl
Concen: 75.562 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion:172 Resp: 1343309
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 23.2 18.6 28.0

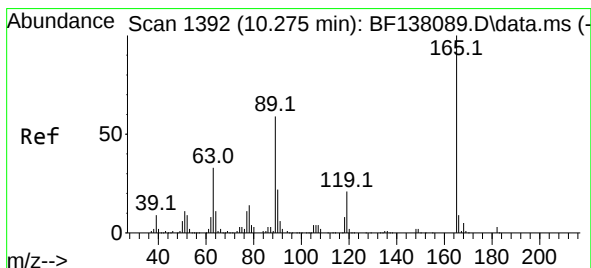
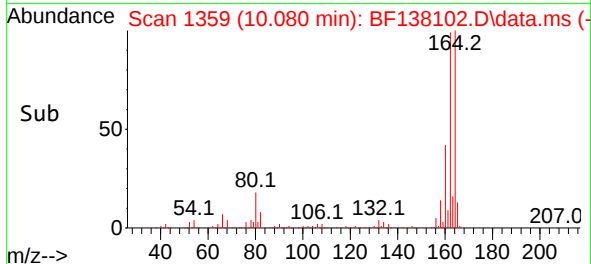
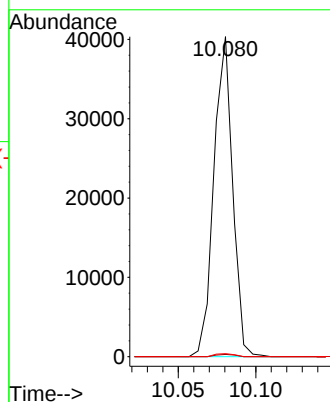
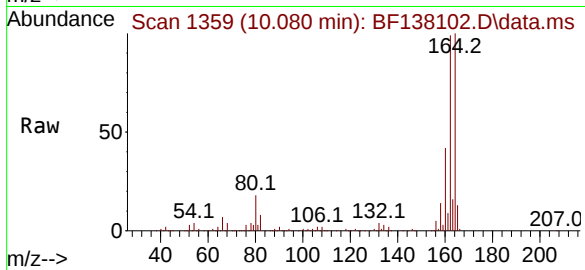




#51
2,6-Dinitrotoluene
Concen: 8.474 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.211 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

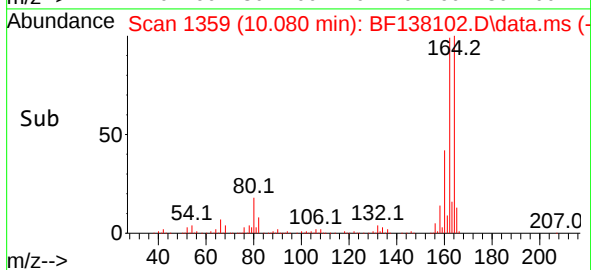
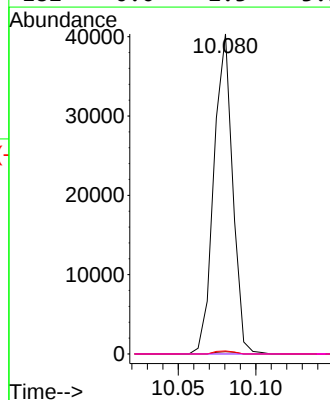
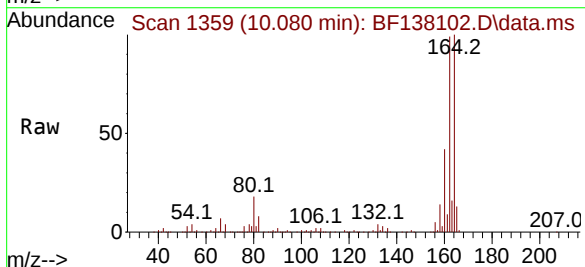
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

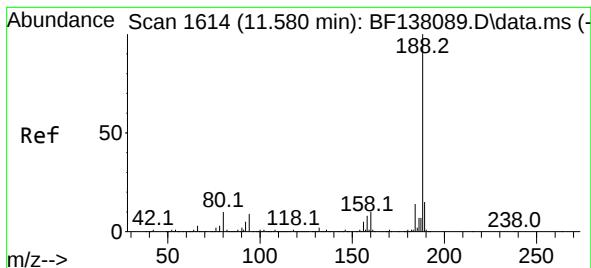
Tgt Ion:165 Resp: 33973
Ion Ratio Lower Upper
165 100
63 0.7 34.6 51.8#
89 1.0 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.426 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138102.D
Acq: 03 Jun 2024 12:56

Tgt Ion:165 Resp: 33973
Ion Ratio Lower Upper
165 100
63 0.7 27.4 41.0#
89 1.0 47.4 71.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

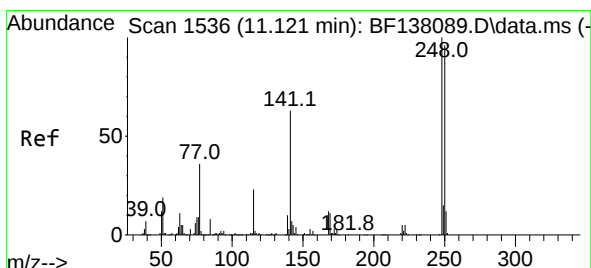
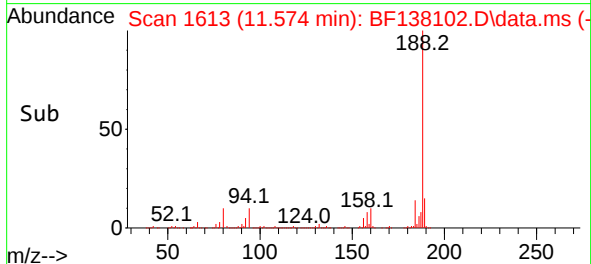
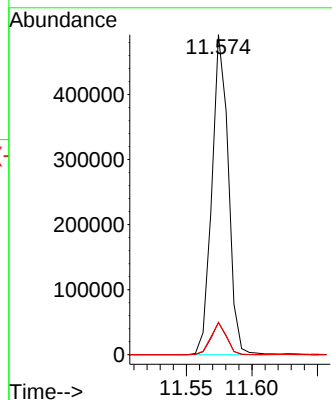
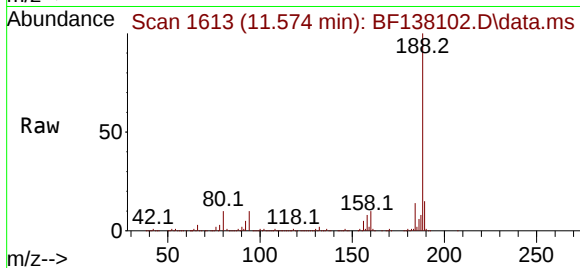
Tgt Ion:188 Resp: 429122

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.1 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 4.282 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

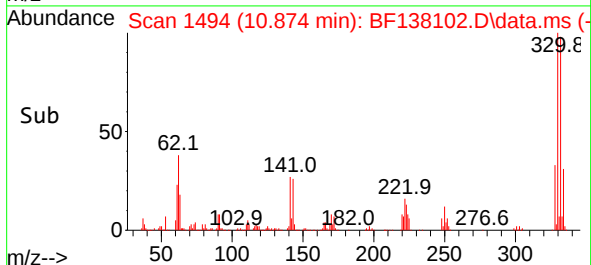
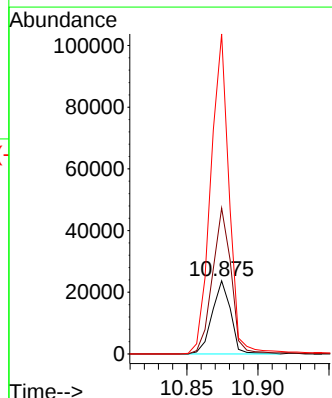
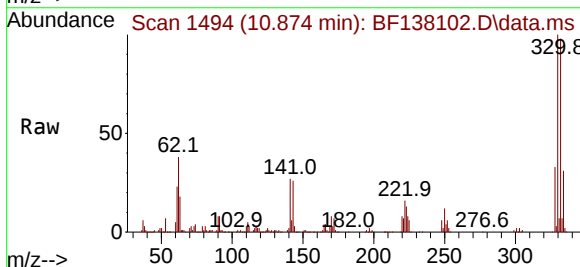
Tgt Ion:248 Resp: 21540

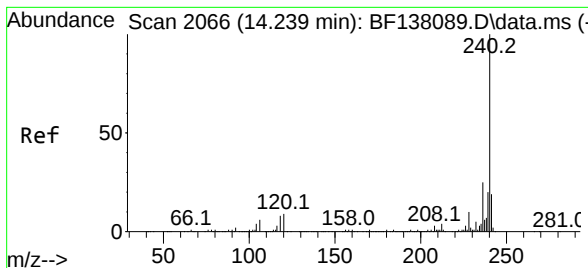
Ion Ratio Lower Upper

248 100

250 199.4 77.2 115.8#

141 437.4 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: BF138102.D

Acq: 03 Jun 2024 12:56

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

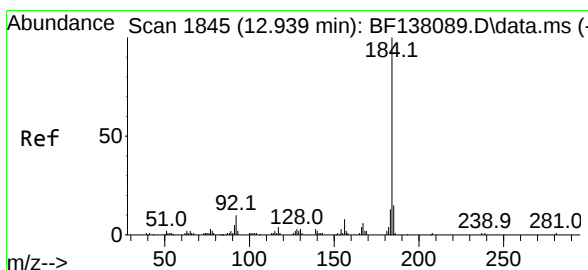
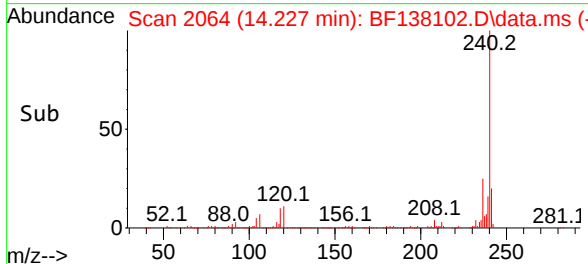
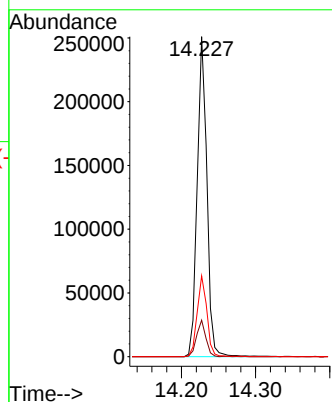
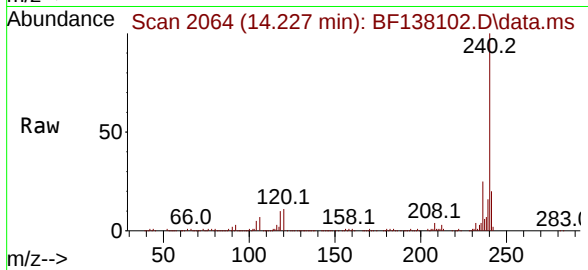
Tgt Ion:240 Resp: 227203

Ion Ratio Lower Upper

240 100

120 11.4 7.1 10.7#

236 25.3 20.4 30.6



#77

Benzidine

Concen: 52.790 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF138102.D

Acq: 03 Jun 2024 12:56

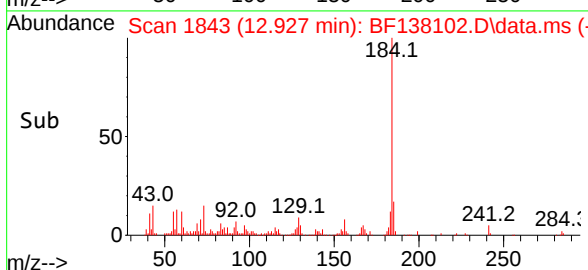
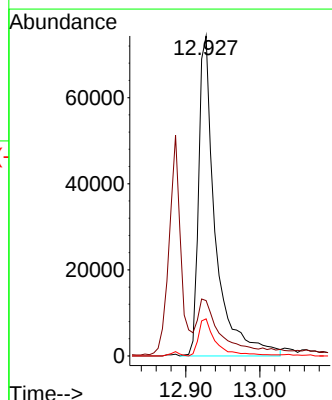
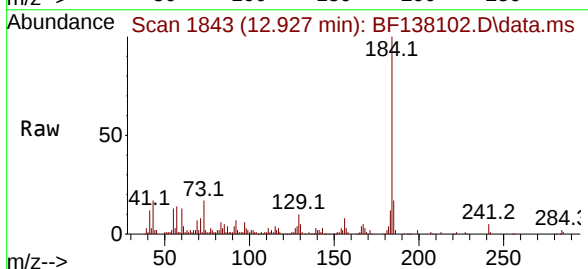
Tgt Ion:184 Resp: 117177

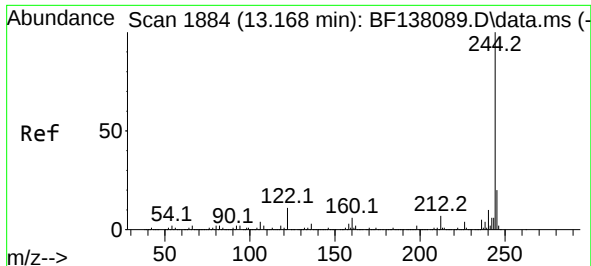
Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

183 11.6 10.2 15.4

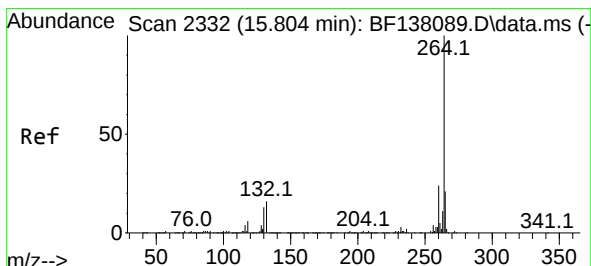
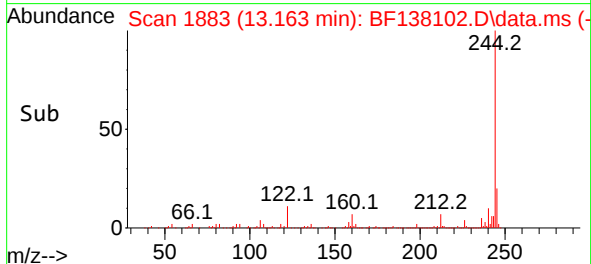
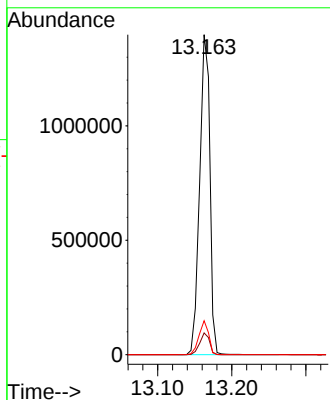
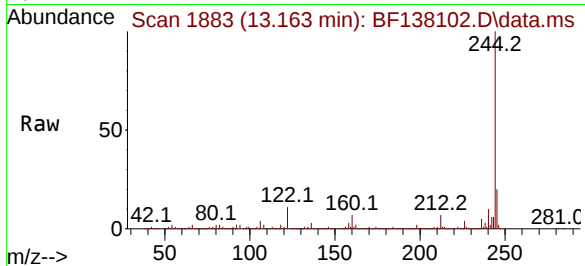




#79
 Terphenyl-d14
 Concen: 85.053 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: BF138102.D
 Acq: 03 Jun 2024 12:56

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPS

Tgt Ion:244 Resp: 1335946
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 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: BF138102.D
 Acq: 03 Jun 2024 12:56

Tgt Ion:264 Resp: 245998
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 20.1 16.7 25.1

