

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138113.D
 Acq On : 03 Jun 2024 18:26
 Operator : CG\JU
 Sample : P2560-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BKG-2

Quant Time: Jun 04 04:50:46 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)

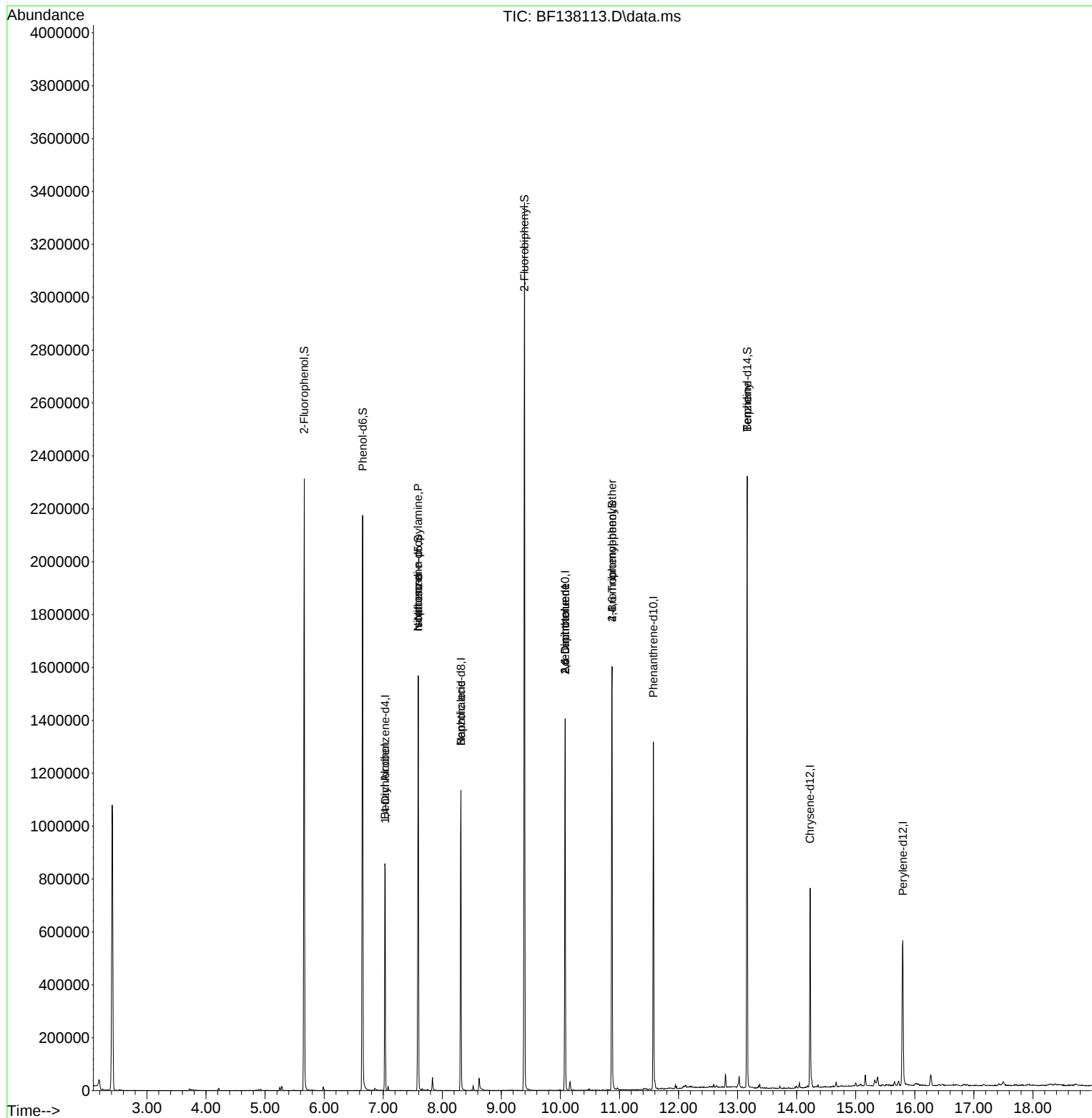
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	138026	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	532297	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	297338	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	475895	20.000	ng	0.00
76) Chrysene-d12	14.227	240	247273	20.000	ng	-0.01
86) Perylene-d12	15.798	264	293884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	646311	83.707	ng	0.00
7) Phenol-d6	6.651	99	798227	80.282	ng	-0.01
23) Nitrobenzene-d5	7.592	82	493837	54.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	225775	65.097	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1033657	51.531	ng	0.00
79) Terphenyl-d14	13.163	244	801258	46.872	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.028	79	3320	5.761	ng	# 32
19) n-Nitroso-di-n-propyla...	7.592	70	65227	11.313	ng	# 75
25) Isophorone	7.592	82	493831	31.334	ng	# 62
32) Benzoic acid	8.316	122	61	7.797	ng	# 1
51) 2,6-Dinitrotoluene	10.081	165	38352	8.479	ng	# 33
57) 2,4-Dinitrotoluene	10.081	165	38352	6.430	ng	# 31
67) 4-Bromophenyl-phenylether	10.875	248	14633	2.623	ng	# 1
77) Benzidine	13.163	184	9638	5.634	ng	# 92

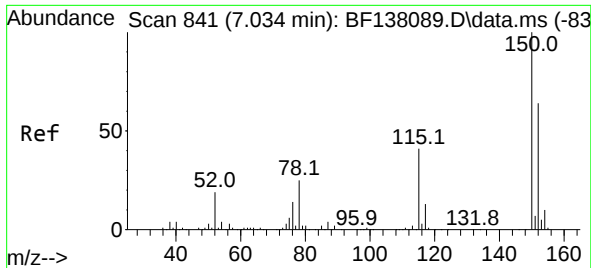
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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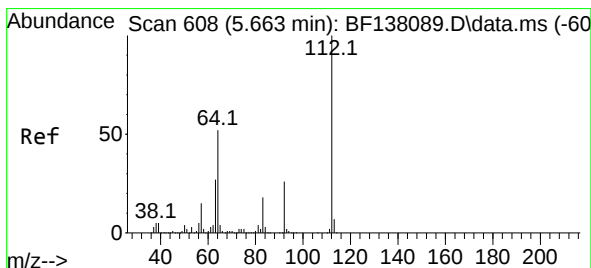
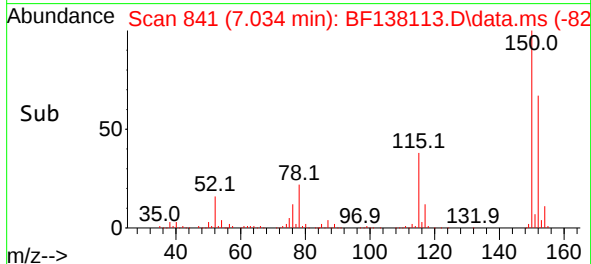
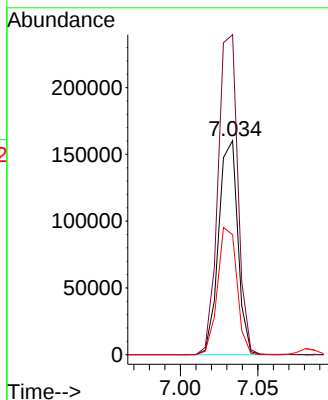
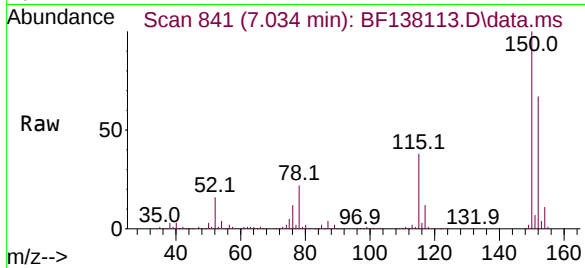




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BF138113.D
 Acq: 03 Jun 2024 18:26

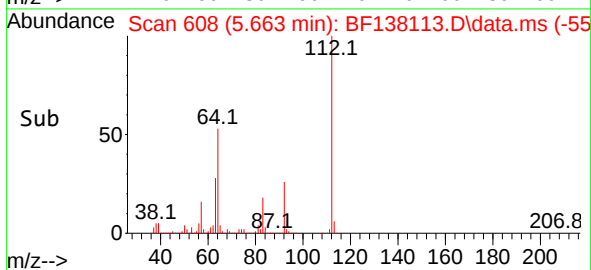
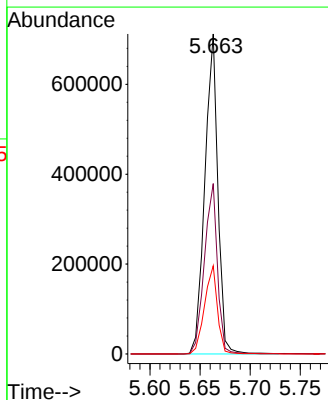
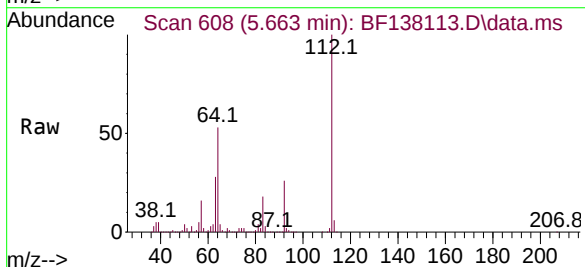
Instrument :
 BNA_F
 ClientSampleId :
 BKG-2

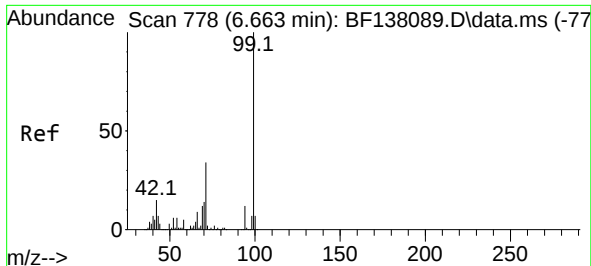
Tgt Ion:152 Resp: 138026
 Ion Ratio Lower Upper
 152 100
 150 149.5 125.4 188.0
 115 56.1 51.6 77.4



#5
 2-Fluorophenol
 Concen: 83.707 ng
 RT: 5.663 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: BF138113.D
 Acq: 03 Jun 2024 18:26

Tgt Ion:112 Resp: 646311
 Ion Ratio Lower Upper
 112 100
 64 53.2 41.4 62.2
 63 27.5 21.5 32.3





#7

Phenol-d6

Concen: 80.282 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

Instrument :

BNA_F

ClientSampleId :

BKG-2

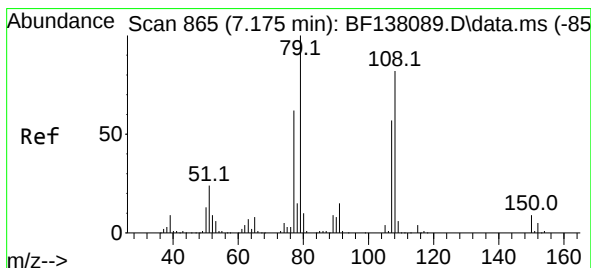
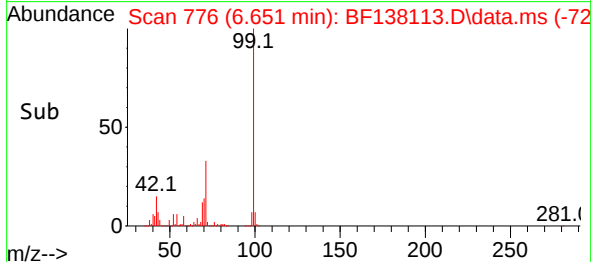
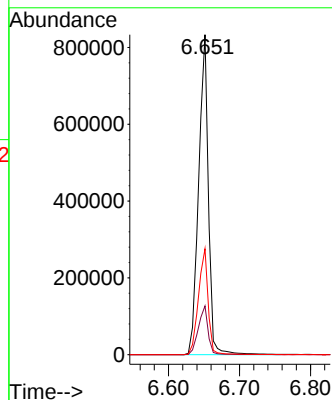
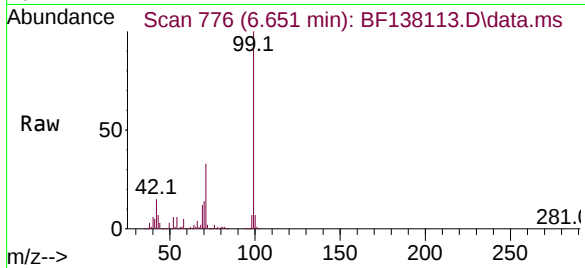
Tgt Ion: 99 Resp: 798227

Ion Ratio Lower Upper

99 100

42 15.2 11.9 17.9

71 33.1 26.8 40.2



#15

Benzyl Alcohol

Concen: 5.761 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.147 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

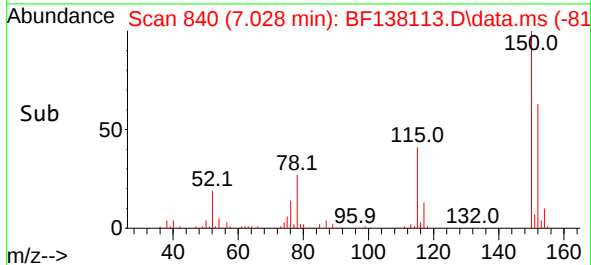
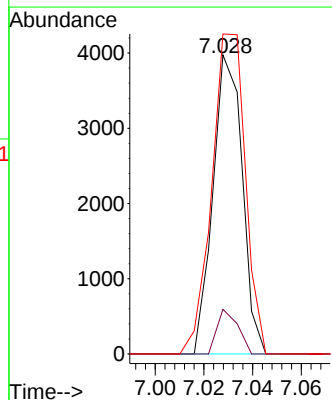
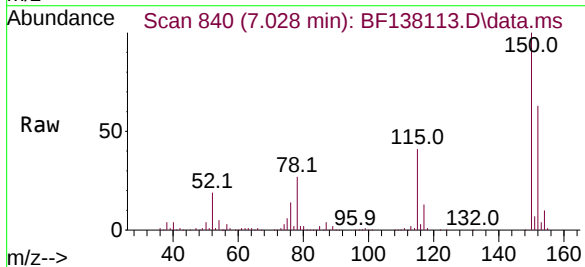
Tgt Ion: 79 Resp: 3320

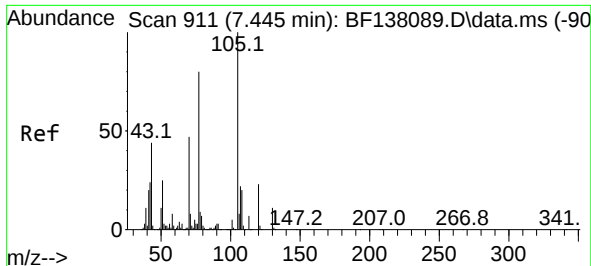
Ion Ratio Lower Upper

79 100

108 14.9 65.5 98.3#

77 107.0 49.6 74.4#

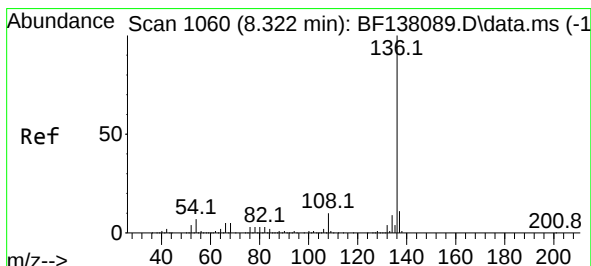
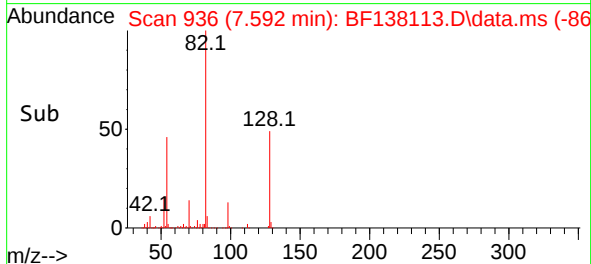
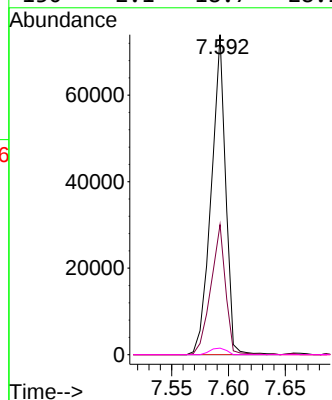
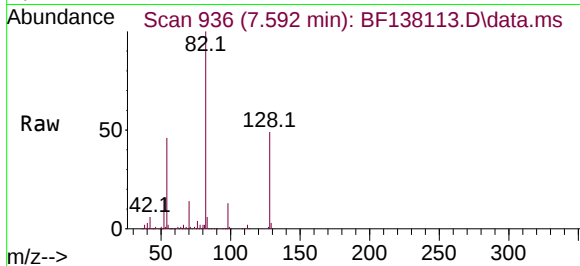




#19
n-Nitroso-di-n-propylamine
Concen: 11.313 ng
RT: 7.592 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

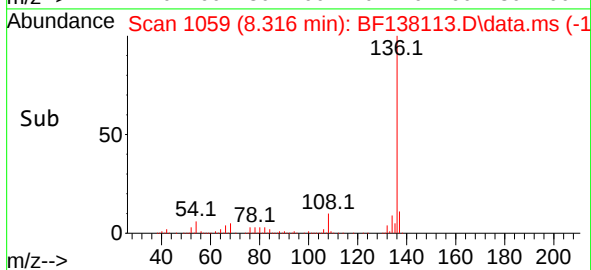
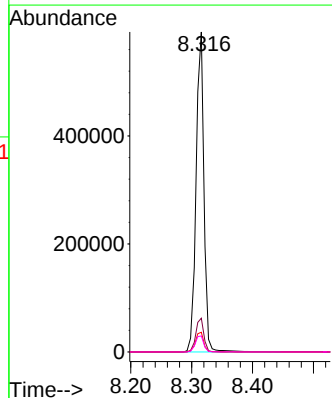
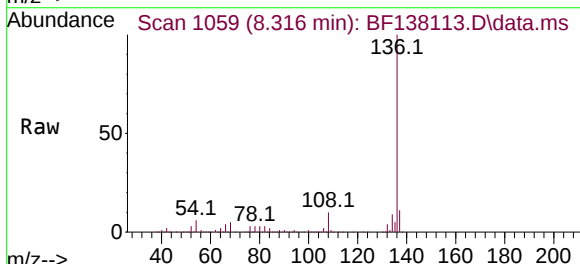
Instrument :
BNA_F
ClientSampleId :
BKG-2

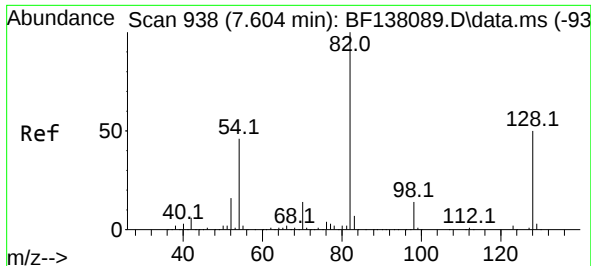
Tgt Ion: 70 Resp: 65227
Ion Ratio Lower Upper
70 100
42 40.6 41.4 62.0#
101 0.0 8.1 12.1#
130 2.1 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

Tgt Ion: 136 Resp: 532297
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.2 5.4 8.0
68 5.0 4.3 6.5

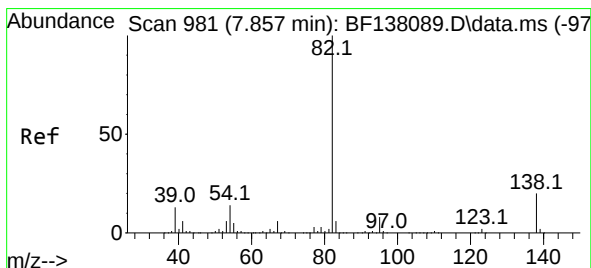
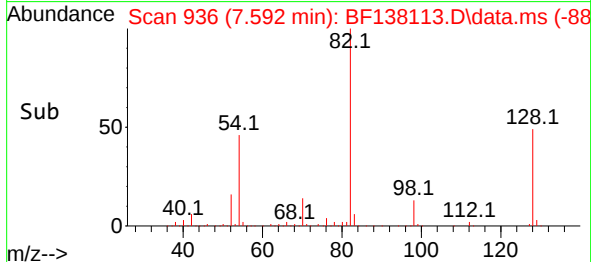
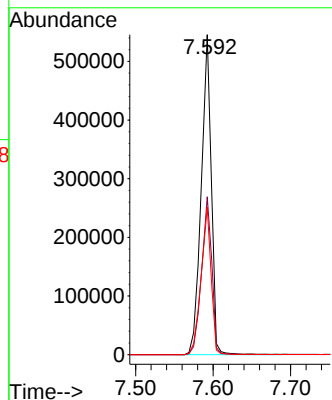
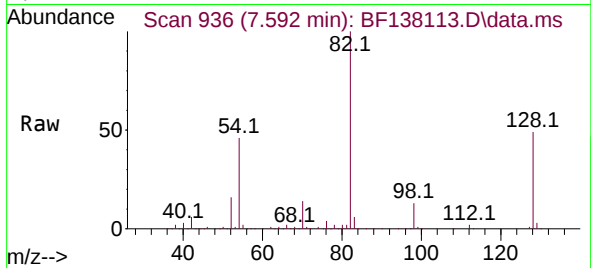




#23
Nitrobenzene-d5
Concen: 54.060 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

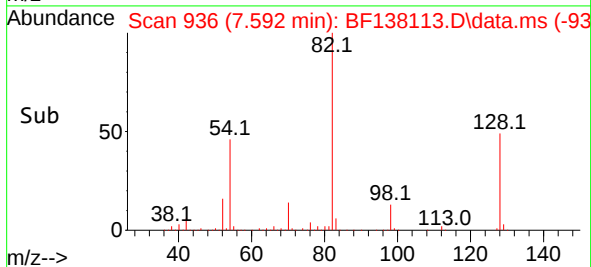
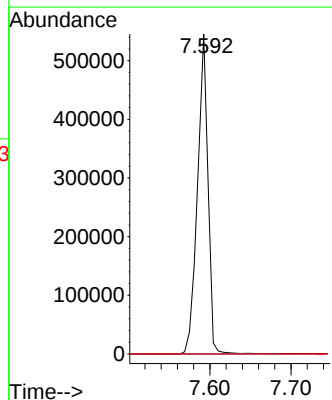
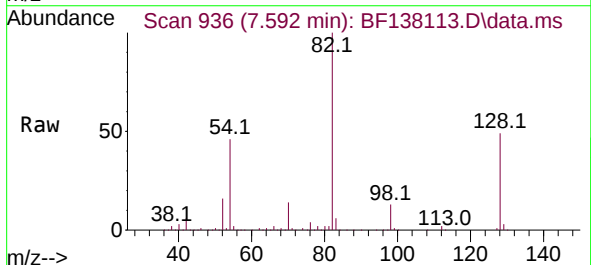
Instrument :
BNA_F
ClientSampleId :
BKG-2

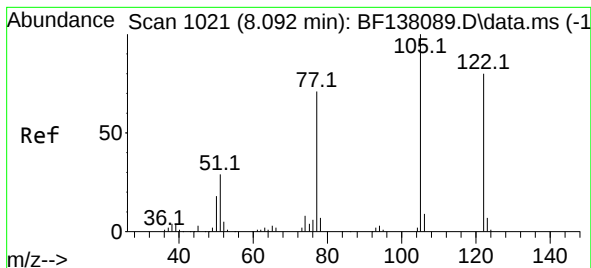
Tgt Ion: 82 Resp: 493837
Ion Ratio Lower Upper
82 100
128 49.3 39.9 59.9
54 46.1 37.0 55.4



#25
Isophorone
Concen: 31.334 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.265 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

Tgt Ion: 82 Resp: 493831
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# 1021

Delta R.T. 0.224 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

Instrument :

BNA_F

ClientSampleId :

BKG-2

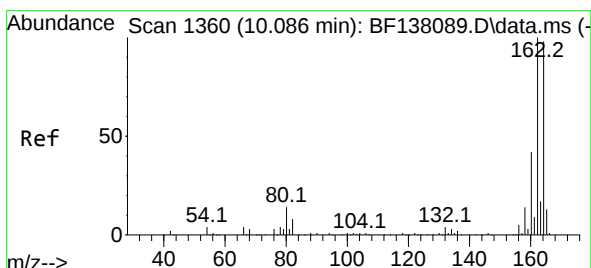
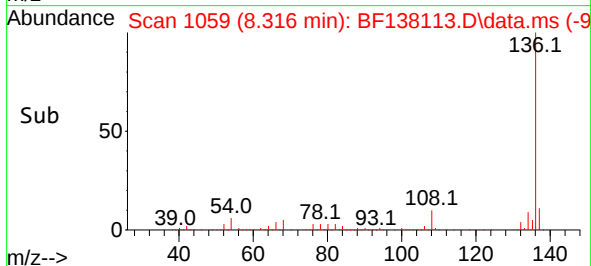
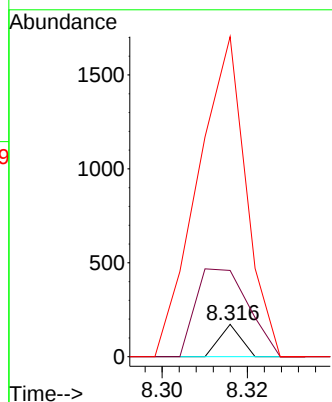
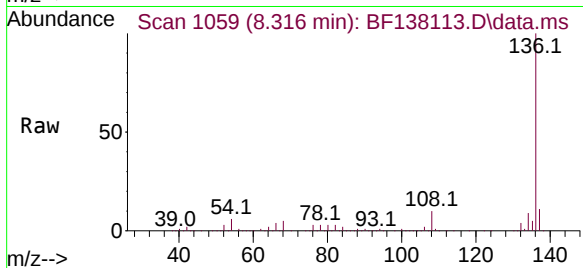
Tgt Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 266.9 102.3 142.3#

77 990.7 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: BF138113.D

Acq: 03 Jun 2024 18:26

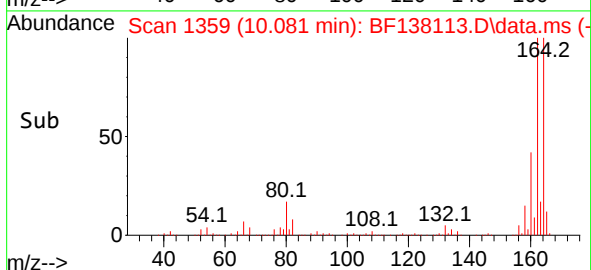
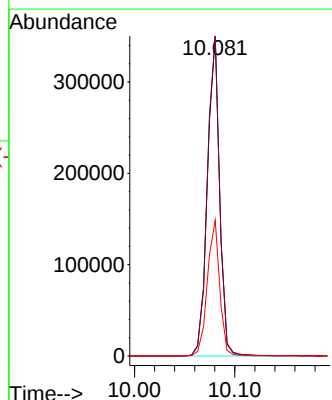
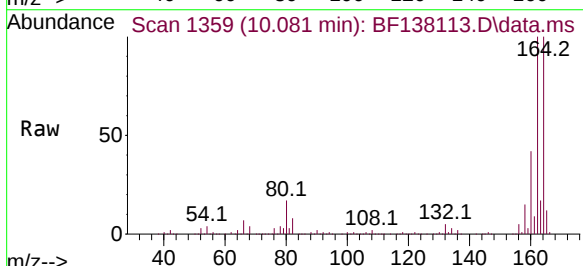
Tgt Ion:164 Resp: 297338

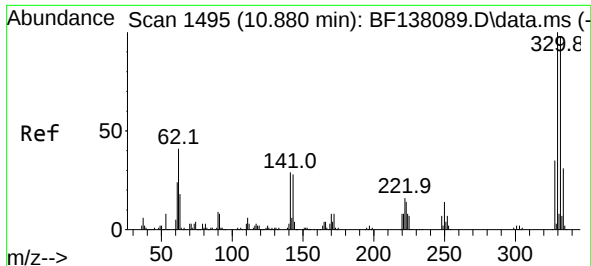
Ion Ratio Lower Upper

164 100

162 99.9 81.7 122.5

160 42.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 65.097 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

Instrument :

BNA_F

ClientSampleId :

BKG-2

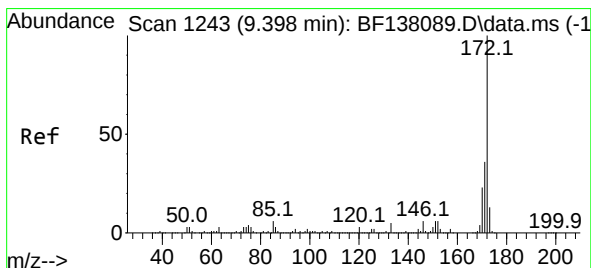
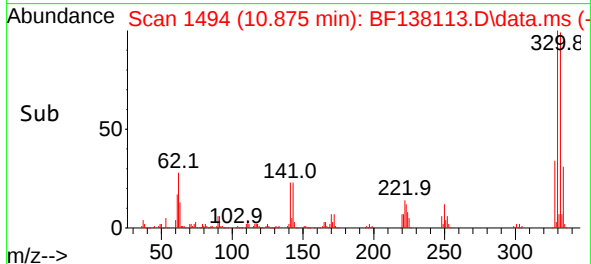
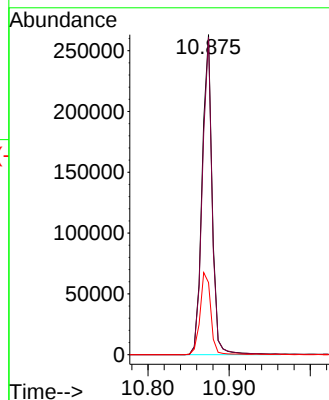
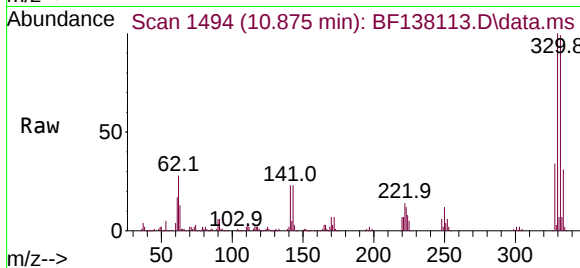
Tgt Ion:330 Resp: 225775

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 27.4 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 51.531 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

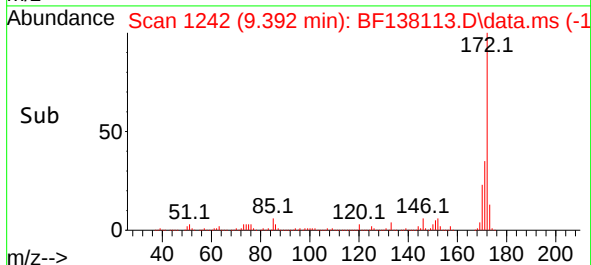
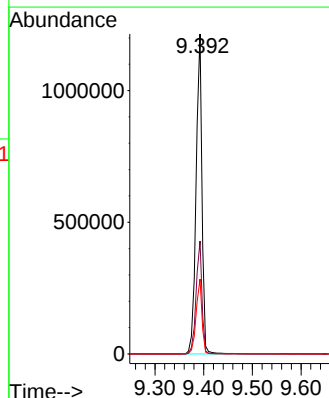
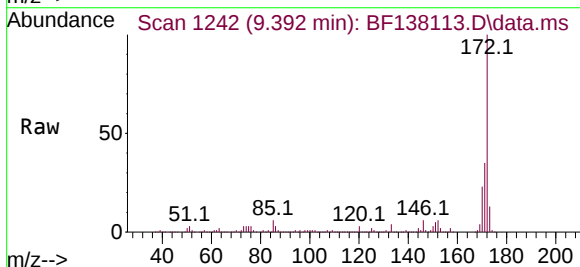
Tgt Ion:172 Resp: 1033657

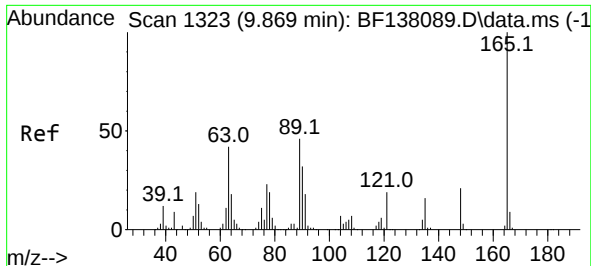
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.4 18.6 28.0

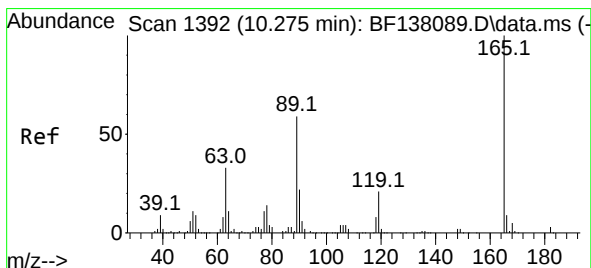
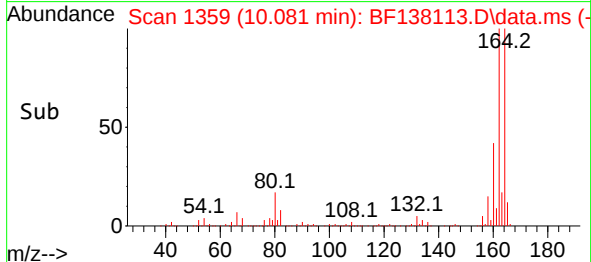
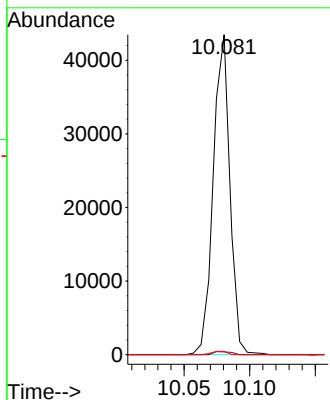
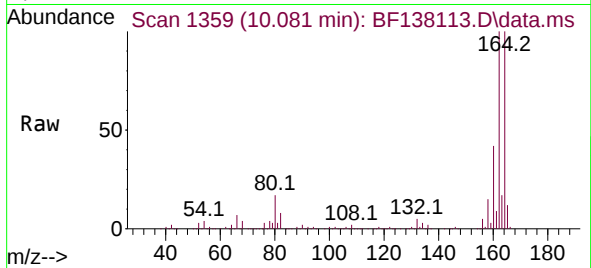




#51
2,6-Dinitrotoluene
Concen: 8.479 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.212 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

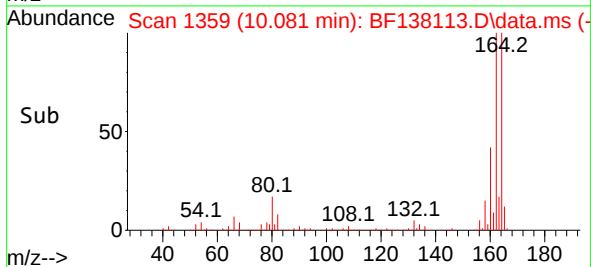
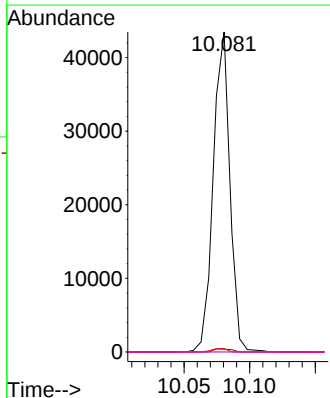
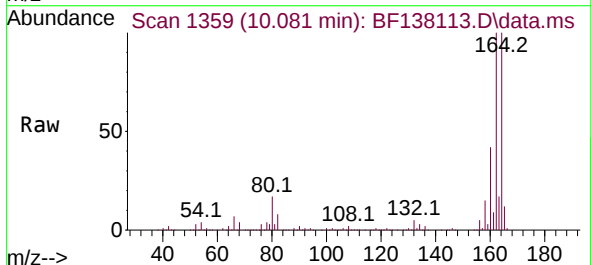
Instrument :
BNA_F
ClientSampleId :
BKG-2

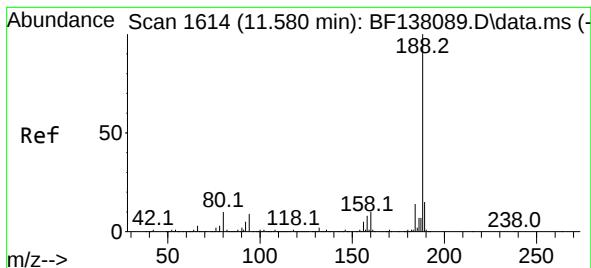
Tgt Ion:165 Resp: 38352
Ion Ratio Lower Upper
165 100
63 0.9 34.6 51.8#
89 1.1 36.6 55.0#



#57
2,4-Dinitrotoluene
Concen: 6.430 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.194 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

Tgt Ion:165 Resp: 38352
Ion Ratio Lower Upper
165 100
63 0.9 27.4 41.0#
89 1.1 47.4 71.2#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

Instrument :

BNA_F

ClientSampleId :

BKG-2

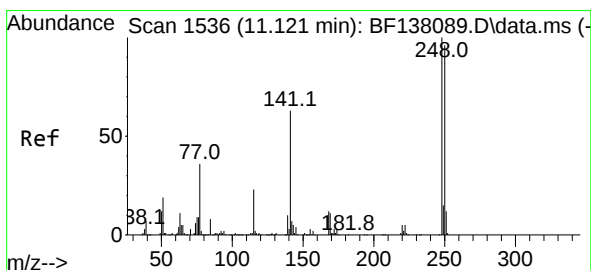
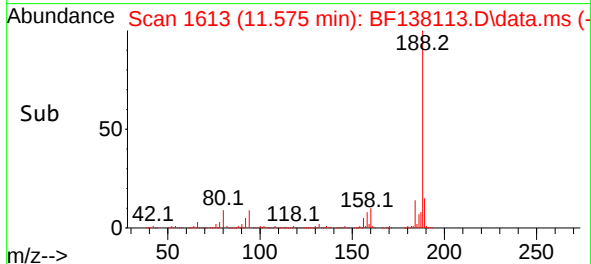
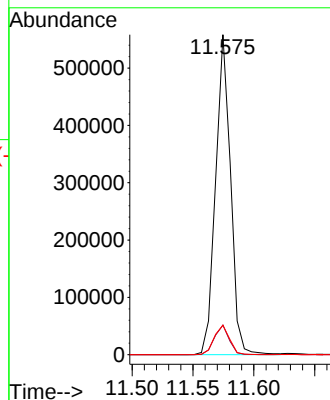
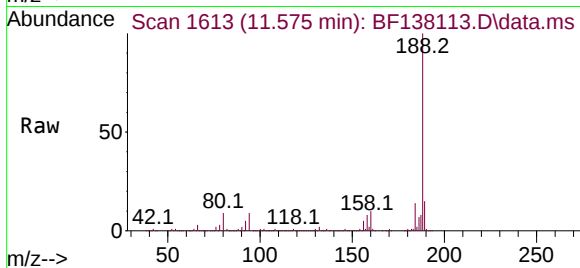
Tgt Ion:188 Resp: 475895

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 9.2 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 2.623 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.247 min

Lab File: BF138113.D

Acq: 03 Jun 2024 18:26

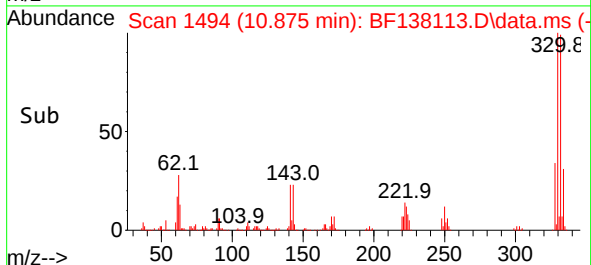
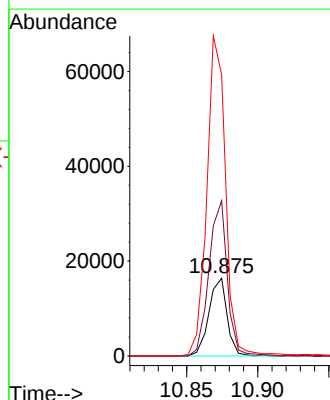
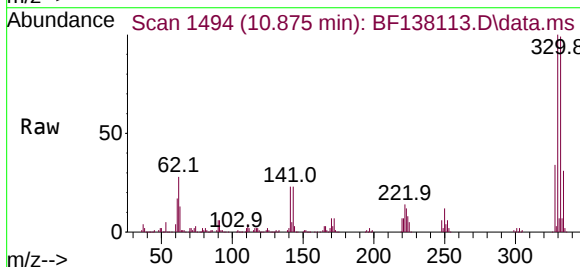
Tgt Ion:248 Resp: 14633

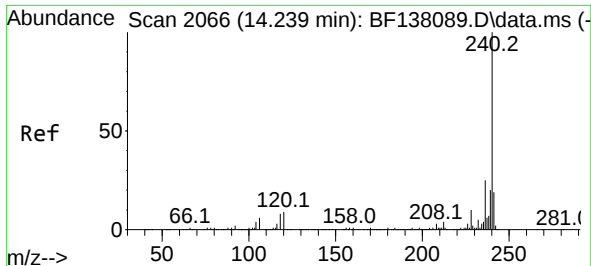
Ion Ratio Lower Upper

248 100

250 199.4 77.2 115.8#

141 361.5 50.6 76.0#

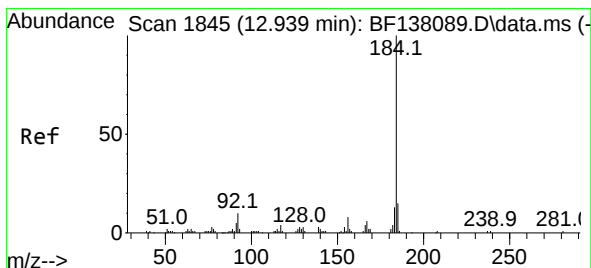
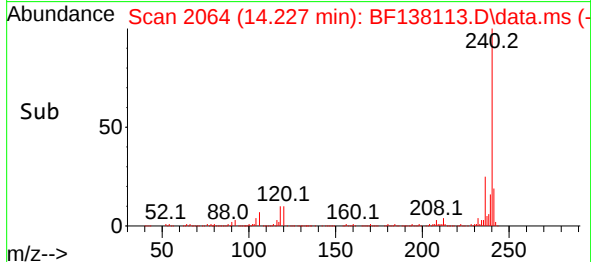
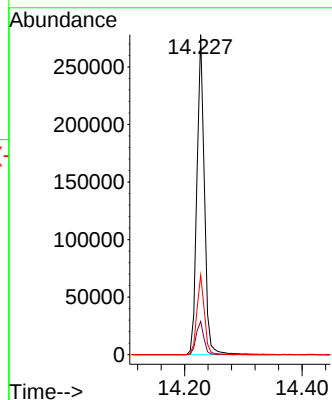
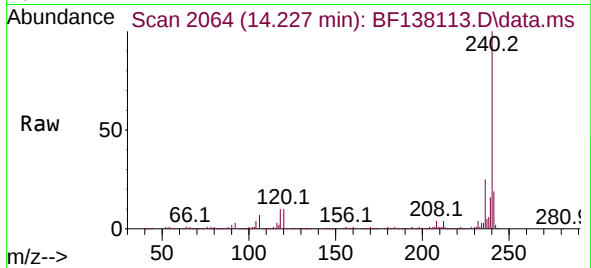




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

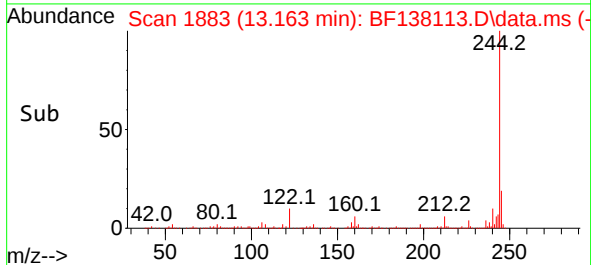
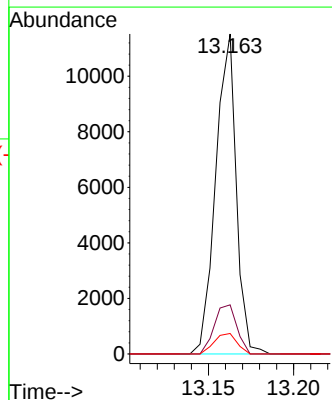
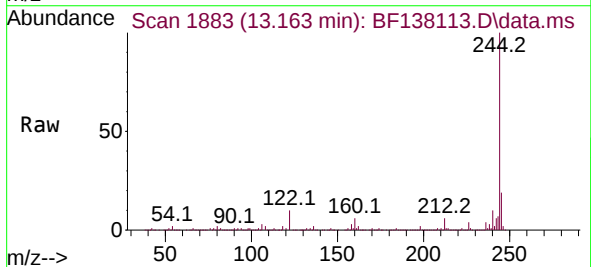
Instrument :
BNA_F
ClientSampleId :
BKG-2

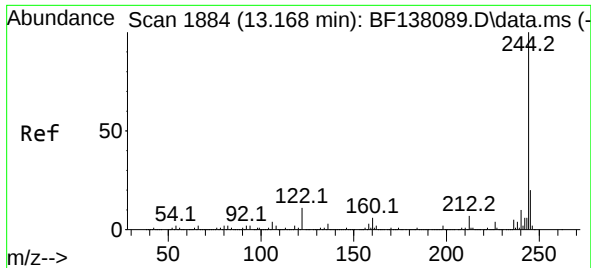
Tgt Ion:240 Resp: 247273
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 24.9 20.4 30.6



#77
Benzidine
Concen: 5.634 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.224 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

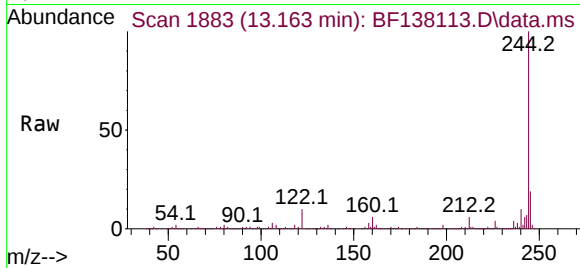
Tgt Ion:184 Resp: 9638
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.4 10.2 15.4#



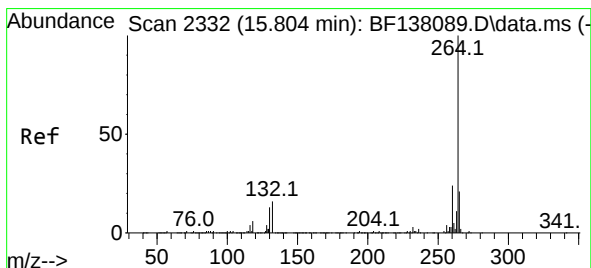
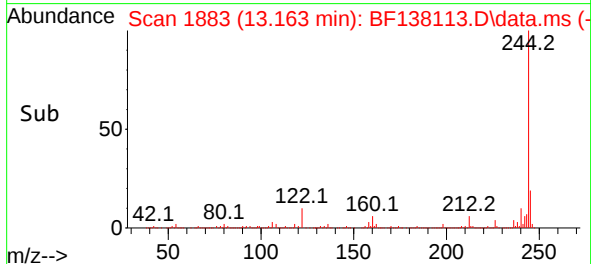
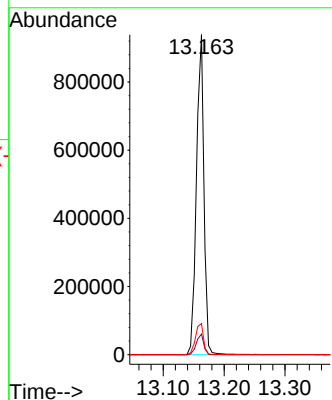


#79
Terphenyl-d14
Concen: 46.872 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BF138113.D
Acq: 03 Jun 2024 18:26

Instrument :
BNA_F
ClientSampleId :
BKG-2



Tgt Ion:244 Resp: 801258
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 9.7 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: BF138113.D
Acq: 03 Jun 2024 18:26

Tgt Ion:264 Resp: 293884
Ion Ratio Lower Upper
264 100
260 23.0 18.9 28.3
265 21.1 16.7 25.1

