

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138115.D
 Acq On : 03 Jun 2024 19:25
 Operator : CG\JU
 Sample : P2560-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BKG-3

Quant Time: Jun 04 04:51:18 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)

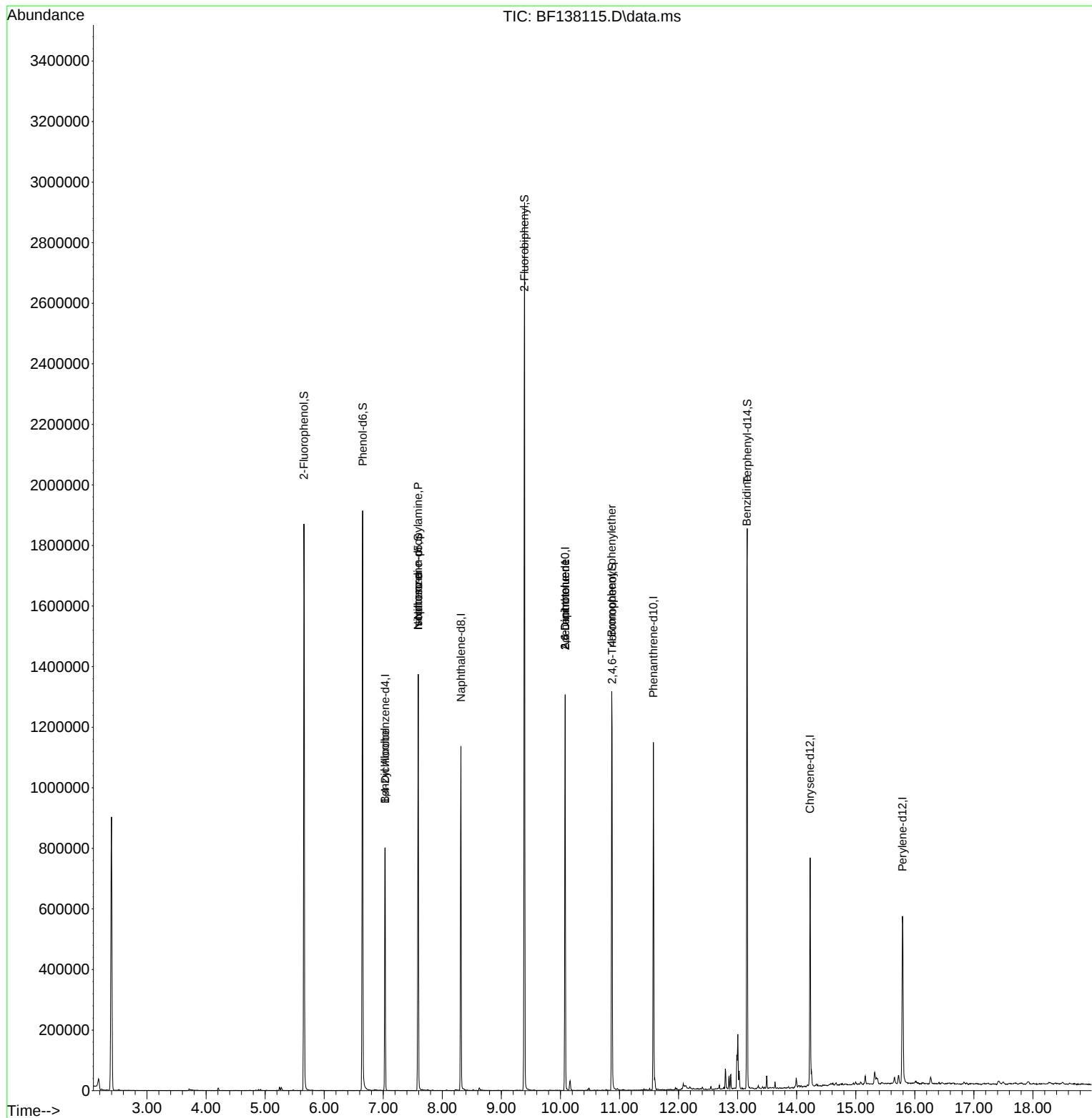
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	130512	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	501842	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	272441	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	407493	20.000	ng	0.00
76) Chrysene-d12	14.227	240	242217	20.000	ng	#-0.01
86) Perylene-d12	15.792	264	287291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	558076	76.440	ng	0.00
7) Phenol-d6	6.651	99	681280	72.465	ng	-0.01
23) Nitrobenzene-d5	7.592	82	411789	47.814	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	185442	58.354	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	895566	48.726	ng	0.00
79) Terphenyl-d14	13.163	244	683660	40.827	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.028	79	3265	5.788	ng	# 35
19) n-Nitroso-di-n-propyla...	7.592	70	53836	9.875	ng	# 74
25) Isophorone	7.592	82	411782	27.714	ng	# 62
51) 2,6-Dinitrotoluene	10.081	165	35205	8.494	ng	# 33
57) 2,4-Dinitrotoluene	10.081	165	35205	6.441	ng	# 32
67) 4-Bromophenyl-phenylether	10.869	248	11719	2.454	ng	# 1
77) Benzidine	13.157	184	8069	5.264	ng	# 91

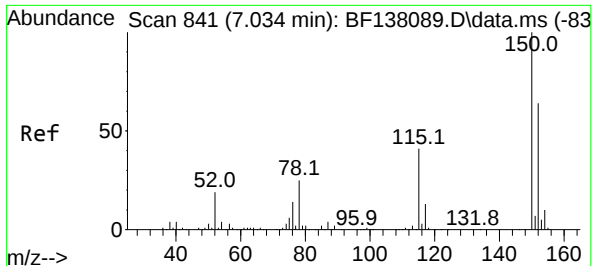
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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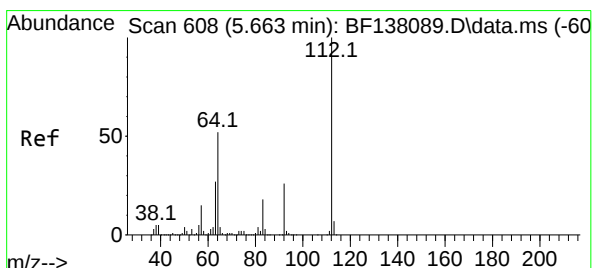
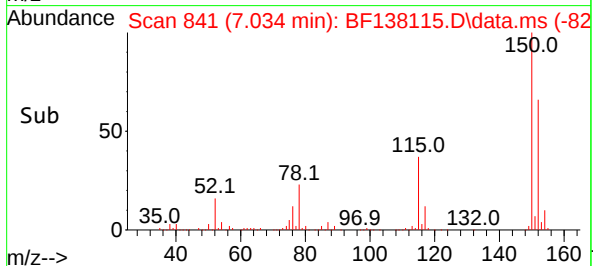
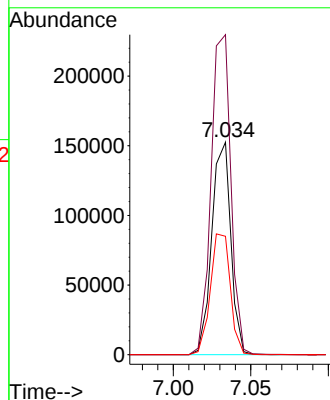
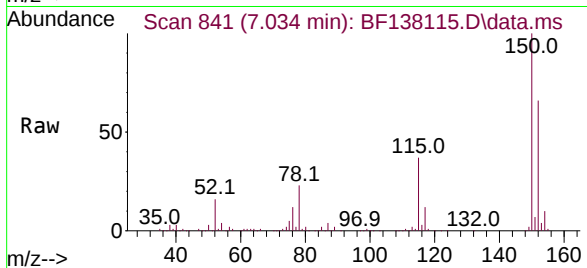




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

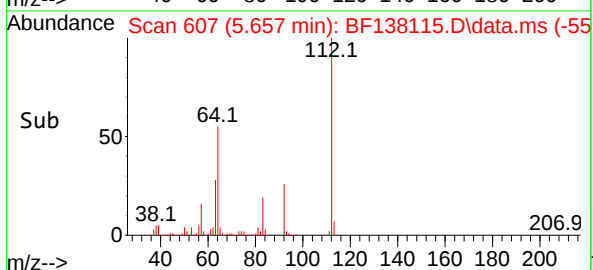
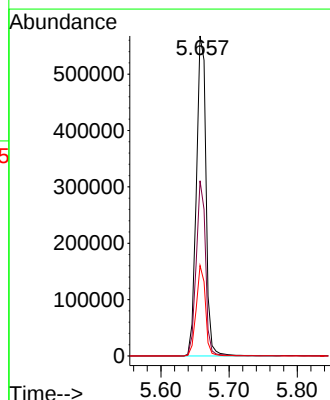
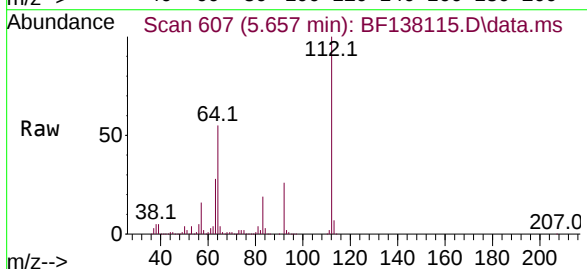
Instrument :
BNA_F
ClientSampleId :
BKG-3

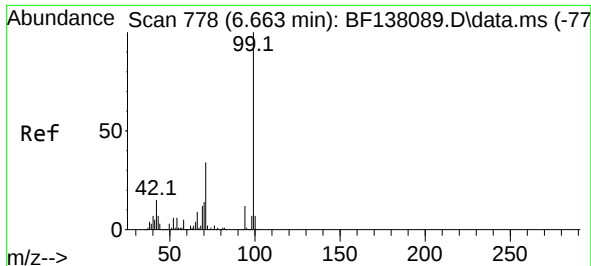
Tgt Ion:152 Resp: 130512
Ion Ratio Lower Upper
152 100
150 150.6 125.4 188.0
115 55.7 51.6 77.4



#5
2-Fluorophenol
Concen: 76.440 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion:112 Resp: 558076
Ion Ratio Lower Upper
112 100
64 54.7 41.4 62.2
63 28.3 21.5 32.3

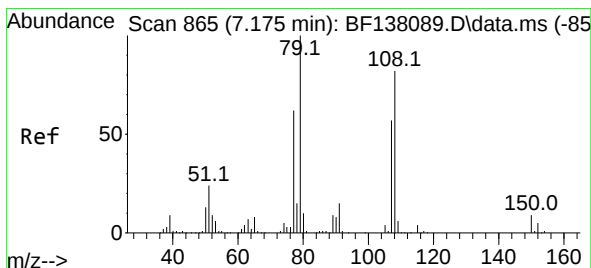
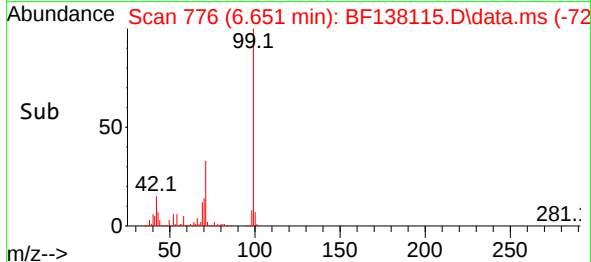
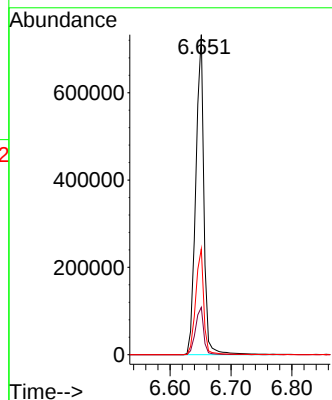
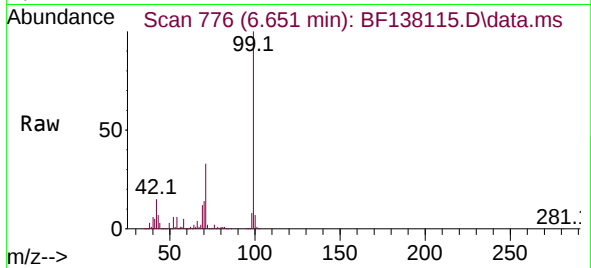




#7
Phenol-d6
Concen: 72.465 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

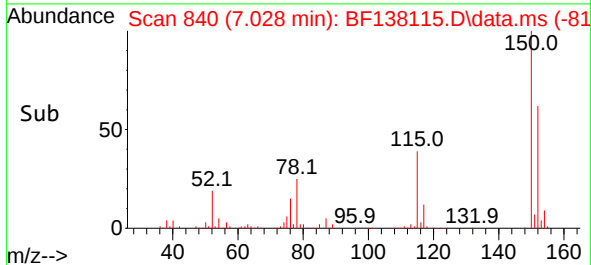
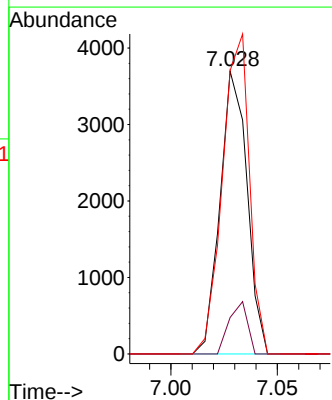
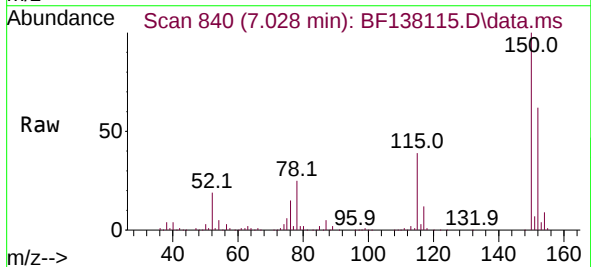
Instrument :
BNA_F
ClientSampleId :
BKG-3

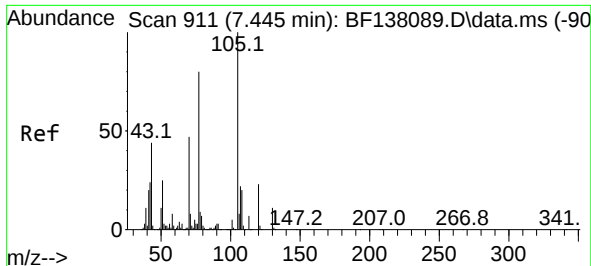
Tgt Ion: 99 Resp: 681280
Ion Ratio Lower Upper
99 100
42 14.8 11.9 17.9
71 33.1 26.8 40.2



#15
Benzyl Alcohol
Concen: 5.788 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.147 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion: 79 Resp: 3265
Ion Ratio Lower Upper
79 100
108 12.9 65.5 98.3#
77 100.2 49.6 74.4#

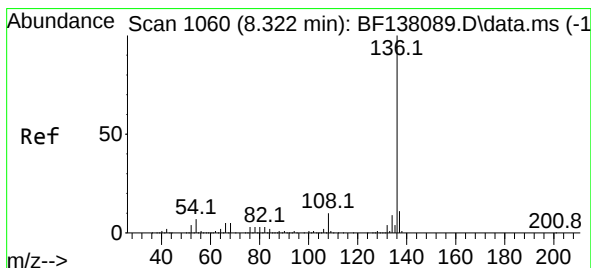
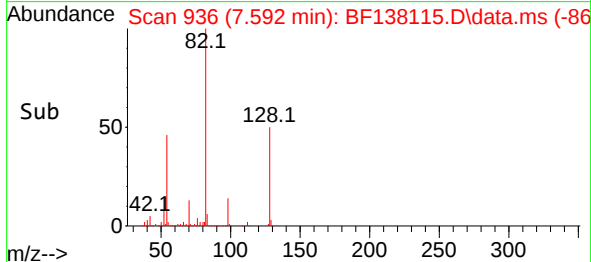
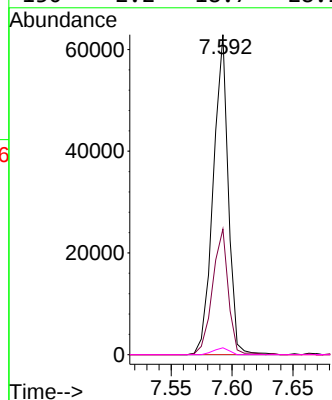
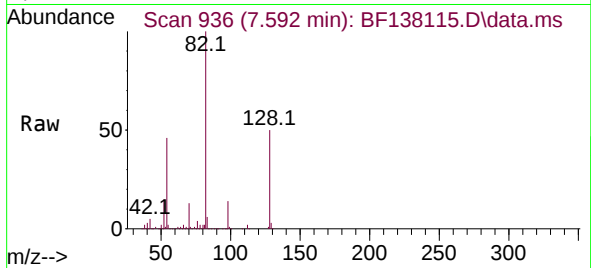




#19
n-Nitroso-di-n-propylamine
Concen: 9.875 ng
RT: 7.592 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

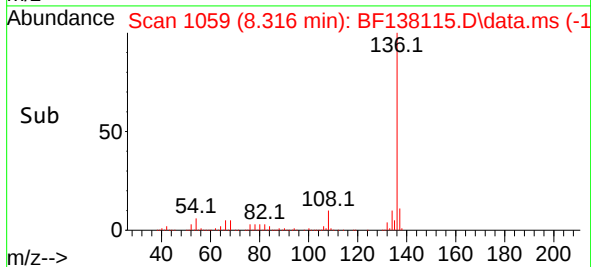
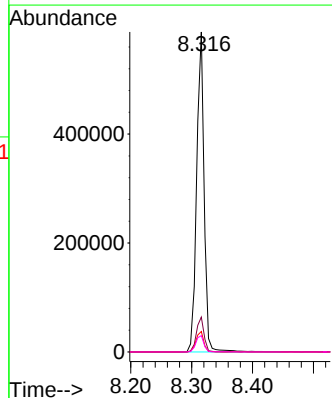
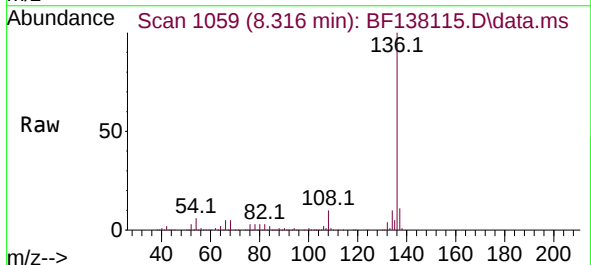
Instrument :
BNA_F
ClientSampleId :
BKG-3

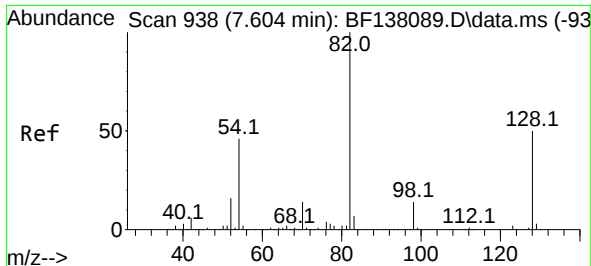
Tgt Ion: 70 Resp: 53836
Ion Ratio Lower Upper
70 100
42 39.3 41.4 62.0#
101 0.0 8.1 12.1#
130 2.2 18.7 28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion: 136 Resp: 501842
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.4 5.4 8.0
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 47.814 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

ClientSampleId :

BKG-3

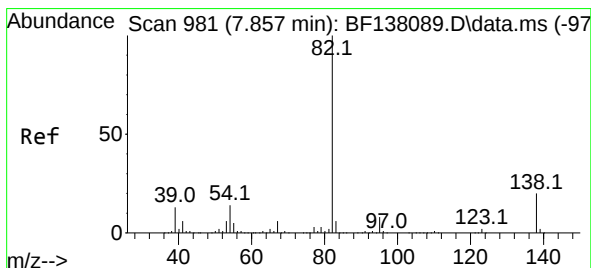
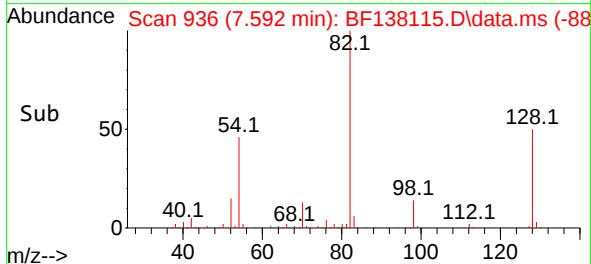
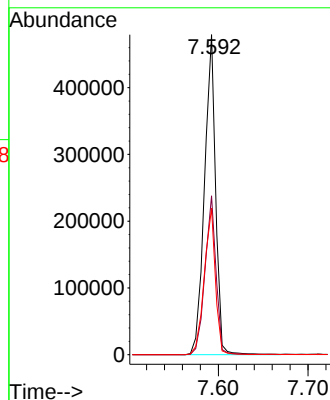
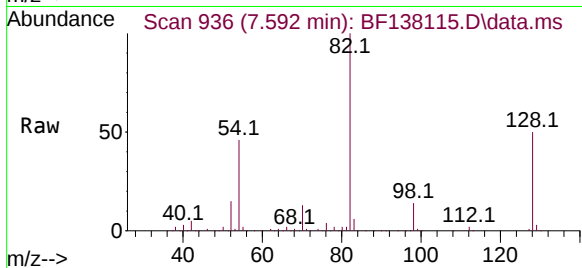
Tgt Ion: 82 Resp: 411789

Ion Ratio Lower Upper

82 100

128 49.7 39.9 59.9

54 45.8 37.0 55.4



#25

Isophorone

Concen: 27.714 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.265 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

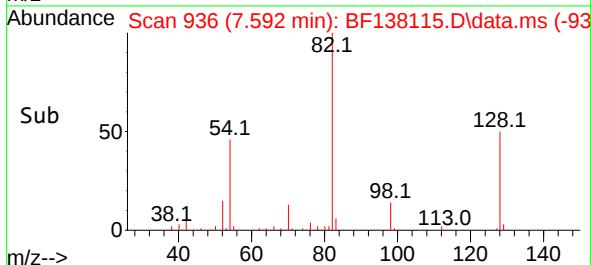
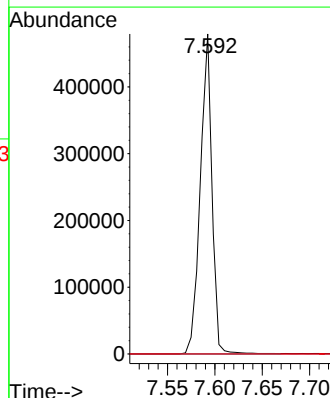
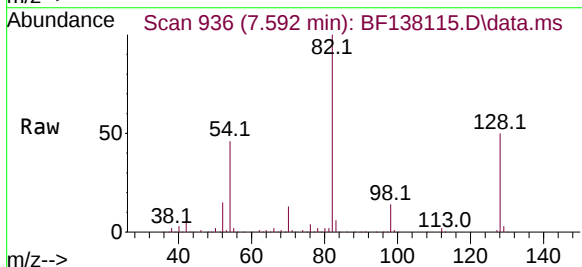
Tgt Ion: 82 Resp: 411782

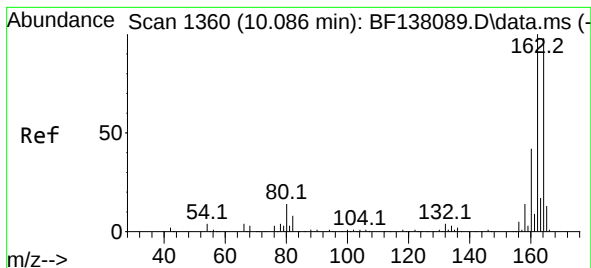
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 16.2 24.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

ClientSampleId :

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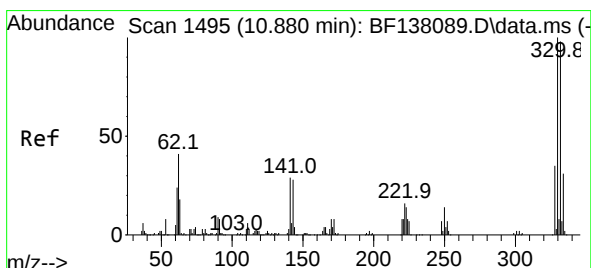
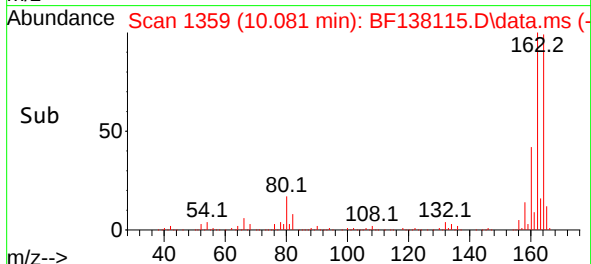
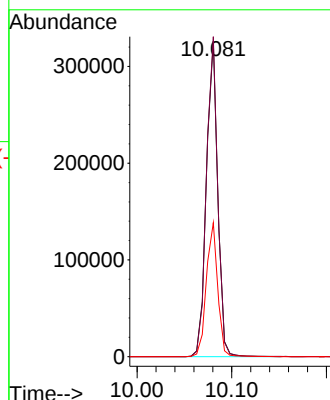
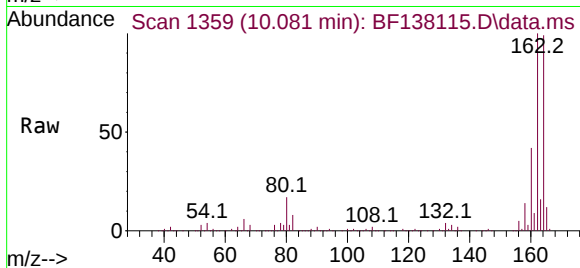
Tgt Ion:164 Resp: 272441

Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

160 42.4 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 58.354 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

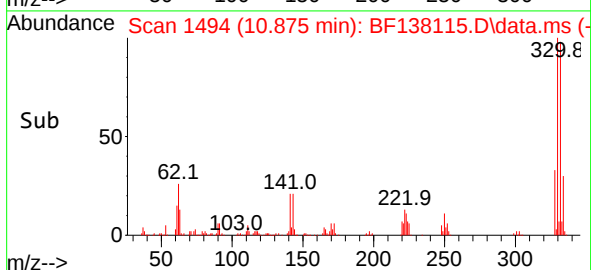
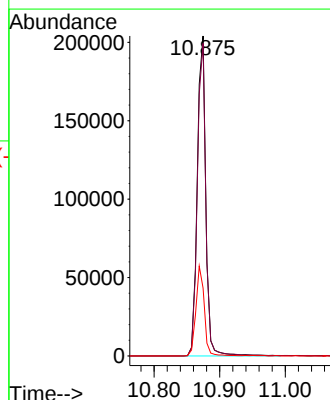
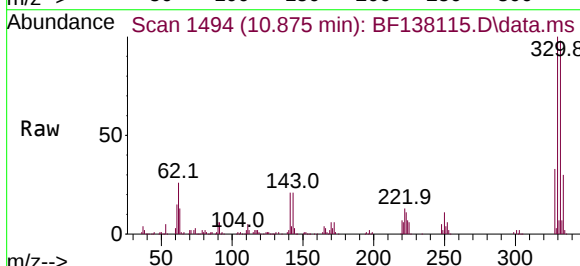
Tgt Ion:330 Resp: 185442

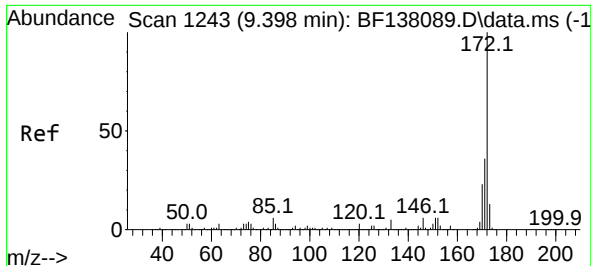
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 27.5 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 48.726 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

ClientSampleId :

BKG-3

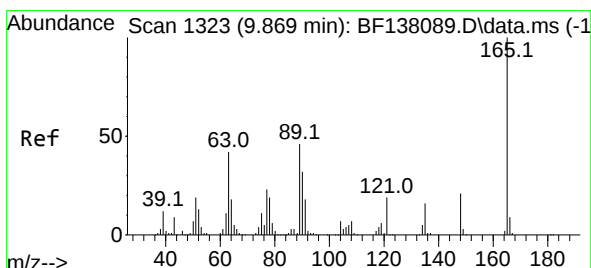
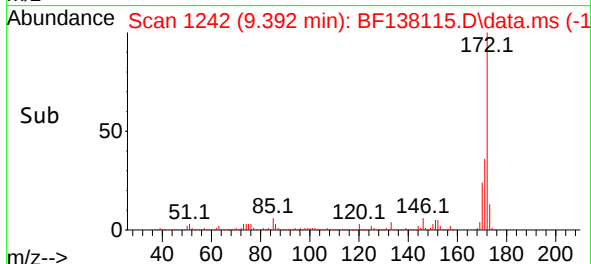
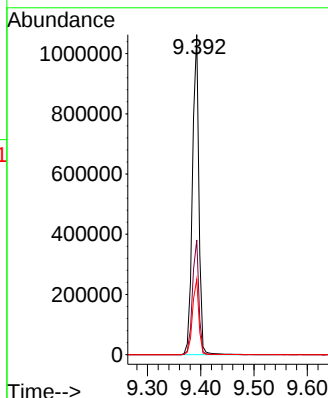
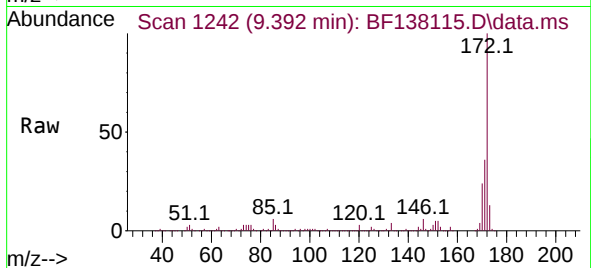
Tgt Ion:172 Resp: 895566

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.6 18.6 28.0



#51

2,6-Dinitrotoluene

Concen: 8.494 ng

RT: 10.081 min Scan# 1359

Delta R.T. 0.212 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

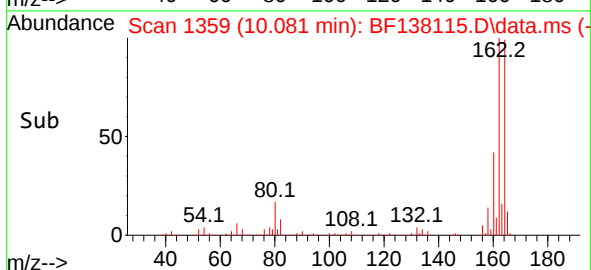
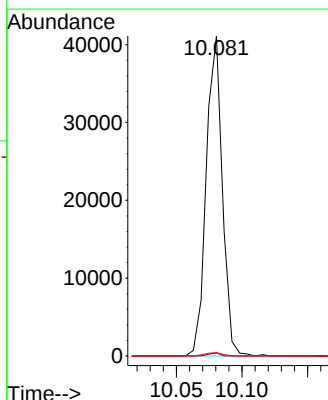
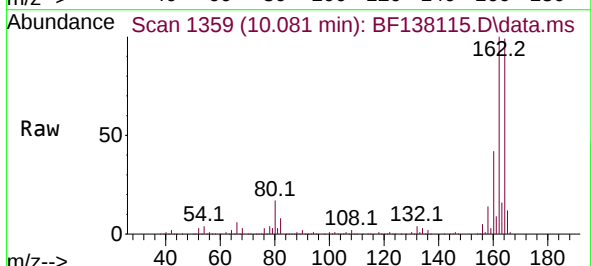
Tgt Ion:165 Resp: 35205

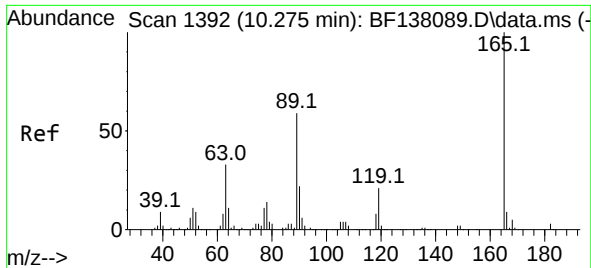
Ion Ratio Lower Upper

165 100

63 1.0 34.6 51.8#

89 1.0 36.6 55.0#

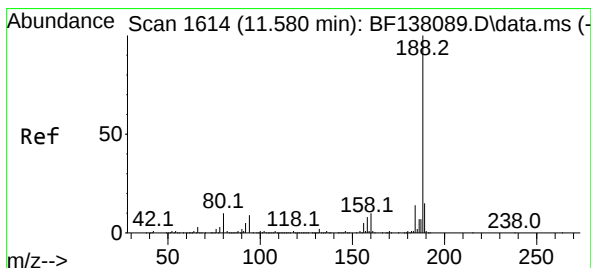
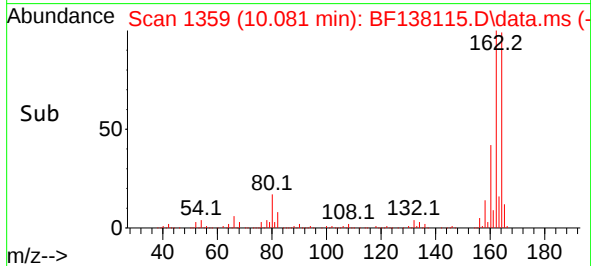
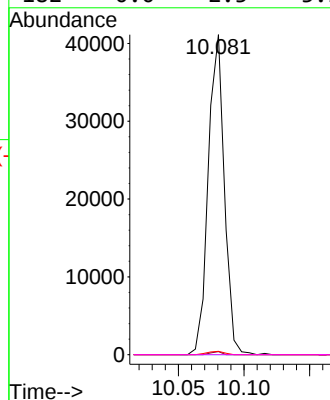
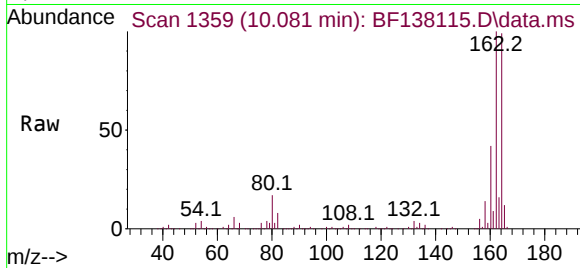




#57
2,4-Dinitrotoluene
Concen: 6.441 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

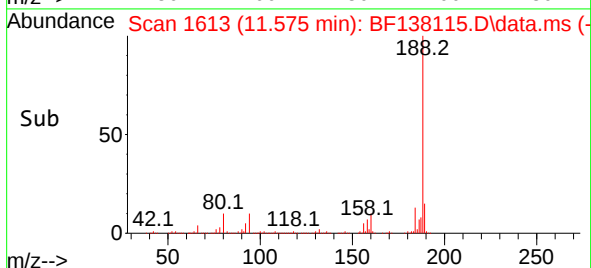
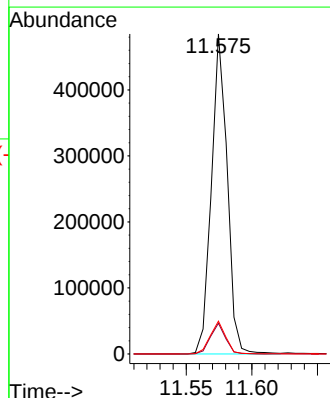
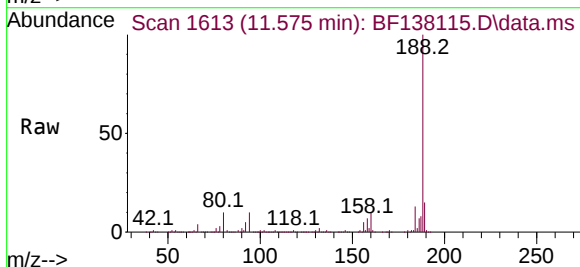
Instrument :
BNA_F
ClientSampleId :
BKG-3

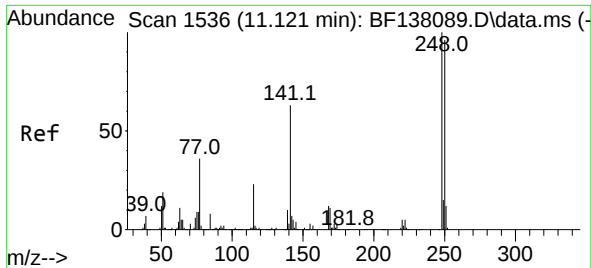
Tgt Ion:165 Resp: 35205
Ion Ratio Lower Upper
165 100
63 1.0 27.4 41.0#
89 1.0 47.4 71.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion:188 Resp: 407493
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.2 7.8 11.8

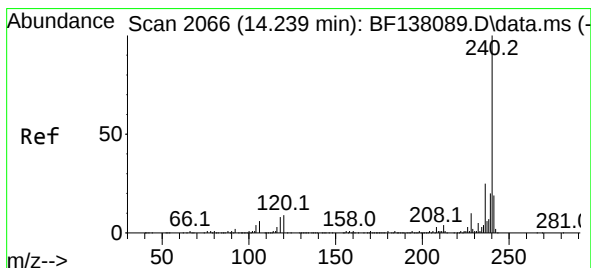
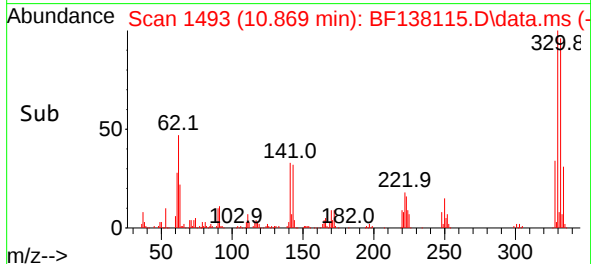
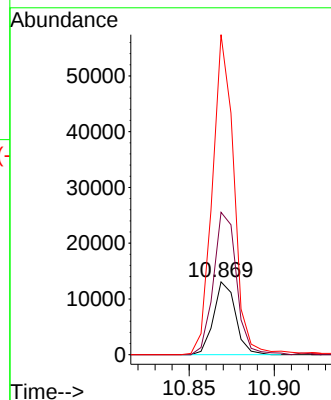
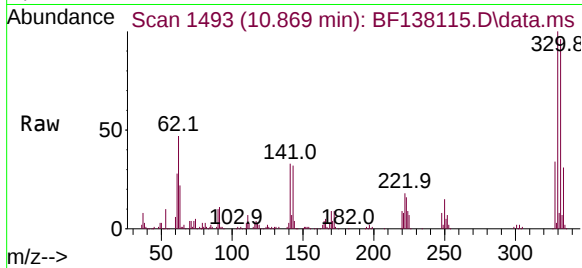




#67
4-Bromophenyl-phenylether
Concen: 2.454 ng
RT: 10.869 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

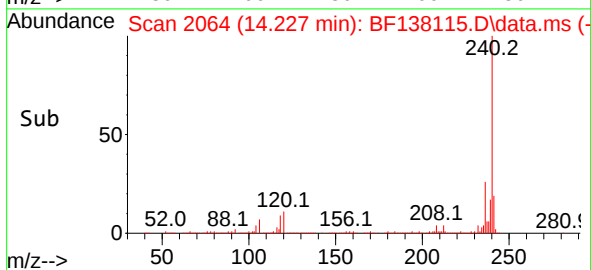
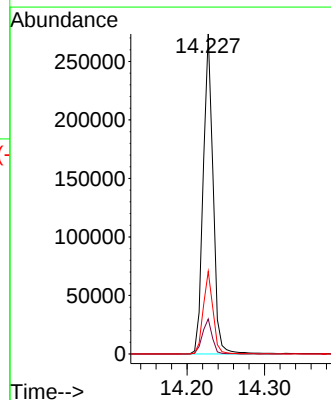
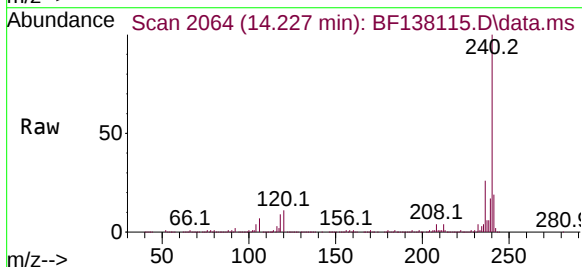
Instrument :
BNA_F
ClientSampleId :
BKG-3

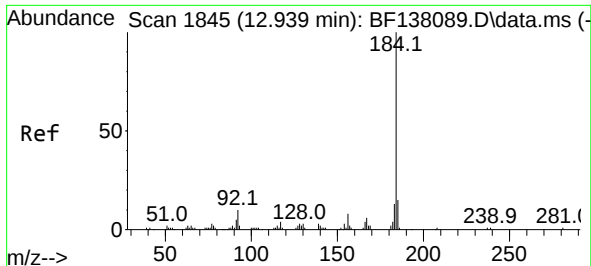
Tgt Ion:248 Resp: 11719
Ion Ratio Lower Upper
248 100
250 195.6 77.2 115.8#
141 439.4 50.6 76.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion:240 Resp: 242217
Ion Ratio Lower Upper
240 100
120 11.0 7.1 10.7#
236 25.8 20.4 30.6

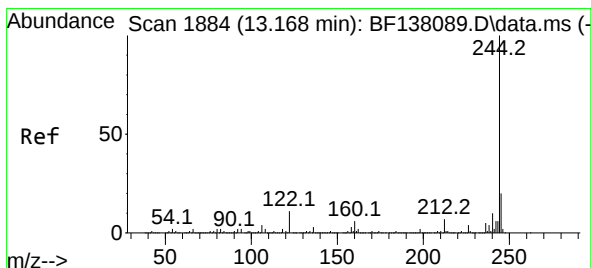
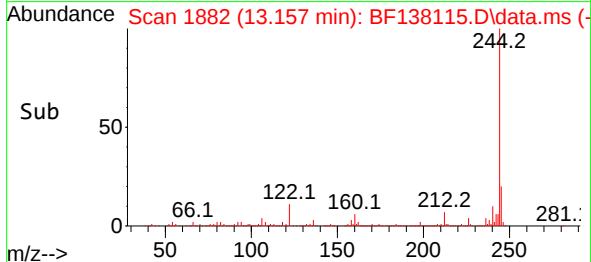
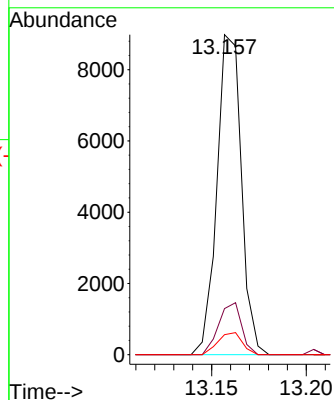
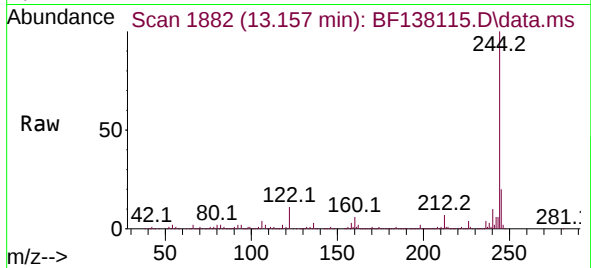




#77
Benzidine
Concen: 5.264 ng
RT: 13.157 min Scan# 1882
Delta R.T. 0.218 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

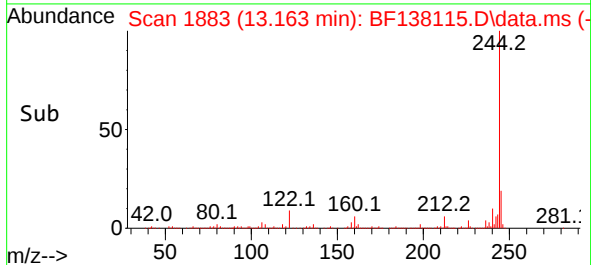
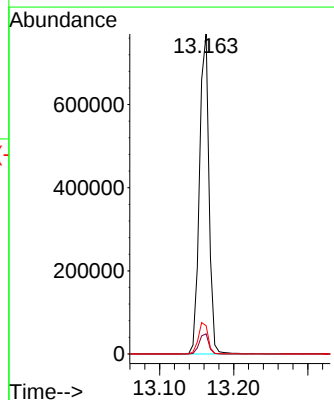
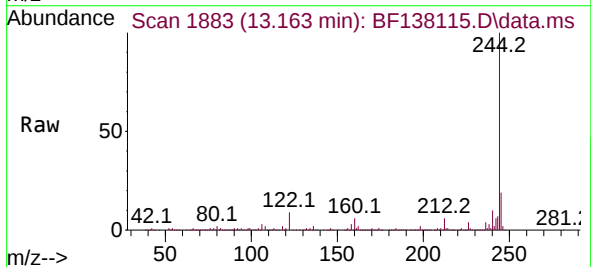
Instrument :
BNA_F
ClientSampleId :
BKG-3

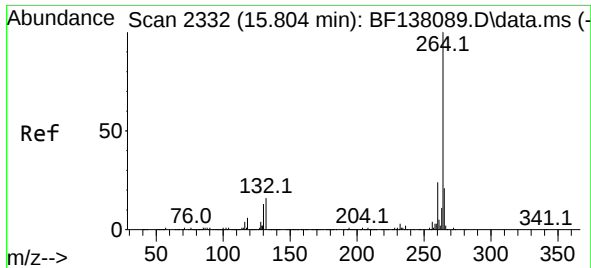
Tgt Ion:184 Resp: 8069
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 6.2 10.2 15.4#



#79
Terphenyl-d14
Concen: 40.827 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion:244 Resp: 683660
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.2
122 8.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138115.D
 Acq: 03 Jun 2024 19:25

Instrument :
 BNA_F
 ClientSampleId :
 BKG-3

Tgt Ion:264 Resp: 287291
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.5 16.7 25.1

